**Appendix 1: Historical and modern height papers included in meta analysis**

Table A1 summarizes the basic data used in the meta analysis in section 3 of the paper. The table lists the last name of the first author, the year the article or book was published, the country from which the heights were draw, the region, the first year and last year encompassed by the sample, the ages of the men measured, whether the sample was corrected for left-tail shortfall or truncation, the mean height in the first year covered by the sample, the mean height in the last year of the sample, and the decade(s) in which the sample reveals a 1cm or greater decline in height.

If the region listed is “National,” it implies that the group of men measured was drawn from across the country in question. If the study reported results on a less than annual basis – several studies reported results by decades; others by quinquennia – the “First Year” is considered to be the first year of that interval and the “Last Year” as the last year of that interval. That is, if the study reported results for 1810s to 1860s, the first and last years are reported as 1810 and 1869. The number of observations was taken from the study in question. Most studies provided precise numbers, but some of the conscript samples simply reported that the results were based on large samples that exceeded some very large values, such as 10 million in the Italian and Japanese cases. These numbers are consistent with near universal conscription over several decades.

The variable “First Height” and “Last Height” correspond to the mean height from the first and last year of the sample as described above. Thus, if the reported mean height for the 1810s was 171cm, that value was used for 1810; similarly for the last height value. In some instances, the mean heights were recovered from regression results. Thus, these values may not be representative of the entire group under study, if the study did not report enough information to reconstruct the mean estimate. In these cases, the reported mean height in the table corresponds to the estimated constant plus/minus the period coefficient. That is, if a study reported regressions for 1810s to 1860s with decade dummies for 1820s-1860s, the first height is the estimated constant and the last height is the constant plus the estimated coefficient for 1860s.

The decades in which the study reported a 1cm or more decline in height, which we label “Reversals,” were taken from each study. If the study relied on raw data to make a case for the reversal, we accepted that interpretation. If the study relied on regression results to determine that a reversal occurred, we accepted that interpretation. Our effort is to follow the literature’s conclusions, when possible, instead of imposing our own.

We used the following selection criterion to include these studies in the analysis:

1. We searched Google Scholar and JSTOR for “conscript” and “height” to identify studies that report results based on samples of near universal conscription. If we identified more than one study that covered a period of years, we relied on a sample that claimed to be nationally representative. If the studies did not provide national coverage, we identified and used studies that used regional or sub-national data. Thus, we have several samples from Portugal and Spain. We also included more than one study per country if that study covered different years.
2. We searched Google Scholar and JSTOR for “volunteer” and “height” to identify studies that reported height results from studies that relied on volunteers rather than conscripts. We cast as wide a net as possible to capture as many of these studies as possible, including the use of working papers that have not traversed the peer review process.
3. We identified historical heights studies published in the principal outlets for such studies, including *Economic History Review*, *Economics and Human Biology*, *European Review of Economic History*, *Explorations in Economic History*, *Journal of Economic History*, *Journal of Interdisciplinary History*, *Research in Economic History*, and *Social Science History*. We initially limited our reading to studies published in 2005 or after, but included some prominent studies published before that date. In the course of our reading, we also identified articles published in other field journals, such *Annals of Human Biology*, *Human Biology*, as well as several prominent volumes of collected essays that we include in the meta analysis.
4. We made an effort to include samples from across the populated continents, but the resulting group of studies is overweighted with studies from North America and Western Europe. Still, we have a nontrivial number of studies from South America and Asia; Africa is under-represented, but we identified very few long-term or historical studies of African heights.
5. We originally planned to survey 150 studies, and once we had reliable information from 169 height samples from what we believed to be fairly representative sample of historical height studies, we stopped.

Table A1. Summary of studies used in meta analysis

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  | >1cm | >1cm |
| Author(s) | Year | Country | Region | First | Last | Age | Shortfall | Obs | First | Last | Rev | Rev |
|  |  |  |  | Year | Year |  |  |  | Height | Height | era | era |
| **Conscripts** |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Popoff | 1926 | Bulgaria | National | 1886 | 1901 | 19 |  | 645846 | 165.8 | 166.2 |  |  |
| Valaoras | 1970 | Greece | National | 1907 | 1945 | 20 | No | 490000 | 168 | 167.2 |  |  |
| Valaoras | 1970 | Greece | National | 1927 | 1945 | 20 | No | 468000 | 166.7 | 167.2 |  |  |
| Sandberg | 1987 | Sweden | National | 1820 | 1849 | 21 | QBE | 3665 | 169.8 | 169.4 |  |  |
| Sobral | 1990 | Portugal | Lisbon | 1910 | 1962 | 20 | No | 27692 | 164.7 | 171.1 |  |  |
| Sobral | 1990 | Portugal | Setubal | 1910 | 1962 | 20 | No | 13437 | 163.9 | 169.8 |  |  |
| Sobral | 1990 | Portugal | Evora | 1910 | 1962 | 20 | No | 7714 | 163.6 | 168.3 |  |  |
| Sobral | 1990 | Portugal | Beja | 1910 | 1962 | 20 | No | 6501 | 163.1 | 168.4 |  |  |
| Shay | 1994 | Japan | National | 1892 | 1937 | 20 | No | 10000000 | 156.1 | 160.3 |  |  |
| Martinez-Carrion | 1994 | Spain | Murcia | 1840 | 1886 | 20 | No | 16735 | 160 | 162.7 |  |  |
| Hermanussen | 1995 | Germany | National | 1938 | 1971 | 19.5 | No | 11851168 | 174 | 179.7 |  |  |
| Mironov | 1995 | Russia | National | 1854 | 1891 | 20 | No | 5550000 | 162.1 | 165.4 |  |  |
| Drukker | 1997 | Netherlands | National | 1863 | 1940 | 19.75 | No |  | 164.1 | 173.4 |  |  |
| Hauspie | 1997 | Belgium | National | 1920 | 1980 |  | No |  | 165.5 | 175 |  |  |
| Hauspie | 1997 | Poland | National | 1946 | 1976 | 19 | No | 70000 | 170.5 | 176.5 |  |  |
| Sandberg | 1997 | Sweden | National | 1820 | 1965 | 20 | QBE | 2175000 | 167 | 179.3 |  |  |
| Greil | 1998 | W Germany | National | 1956 | 1965 | 19.5 | No |  | 177.4 | 179.1 |  |  |
| Greil | 1998 | E Germany | National | 1956 | 1965 | 17.9 | No |  | 175.2 | 176.5 |  |  |
| Martinez-Carrion | 1998 | Spain | Southeast | 1840 | 1940 | 20.5 | No | 158383 | 162 | 166.2 | 1850s | 1910s |
| Martinez-Carrion | 1998 | Spain | Elche | 1871 | 1948 | 20 | No | 29329 | 162.9 | 166.9 |  |  |
| Sapounaki-Dracaki | 1998 | Greece | National | 1927 | 1945 | 19 | No | 468056 | 166.7 | 167.2 |  |  |
| Valle | 1998 | Spain | National | 1887 | 1933 | 20.5 | No | 40800 | 163.8 | 165.7 |  |  |
| Wheatcroft | 1999 | Russia | National | 1853 | 1892 | 20 | No | 11709090 | 162.2 | 164.9 |  |  |
| Baten | 2000 | Germany | Bavaria | 1815 | 1840 | 21 | No | 15000 | 166.3 | 165.9 |  |  |
| Danubio | 2003 | Italy | Abruzzo | 1845 | 1954 | 18-20 | No | 823 | 161.3 | 172.6 |  |  |
| Federico | 2003 | Italy | National | 1854 | 1913 | 20 | No |  | 162.4 | 166.1 |  |  |
| Sunder | 2003 | Norway | National | 1930 | 1980 | 18 | No |  | 176.5 | 180 |  |  |
| Padez | 2003 | Portugal | National | 1886 | 1980 | 18 | No |  | 163.2 | 172.1 |  |  |
| Alter | 2004 | Belgium | Limbourg | 1795 | 1875 | 20 | No | 1446 | 163.6 | 166.5 | 1810s |  |
| Alter | 2004 | Belgium | Sart | 1785 | 1865 | 20 | No | 1130 | 158.7 | 165.6 |  |  |
| Alter | 2004 | Belgium | Tilleur | 1815 | 1885 | 20 | No | 1553 | 164.4 | 166.2 | 1840s |  |
| Alter | 2004 | Belgium | Verviers | 1805 | 1845 | 20 | No | 1164 | 164.7 | 161.6 | 1810s | 1840s |
| Gyenis | 2004 | Hungary | Six counties | 1933 | 1998 | 18 | No | 17497 | 166 | 176 |  |  |
| Salvatore | 2004 | Argentina | Northwest | 1916 | 1951 | 18 | No | 17693 | 165.1 | 167.2 |  |  |
| Salvatore | 2004 | Argentina | Buenos Aires | 1900 | 1934 | 18 | No | 22594 | 168.1 | 170.2 |  |  |
| Arcaleni | 2006 | Italy | National | 1854 | 1989 | 20.5 | No |  | 162.4 | 174.6 |  |  |
| Breschi | 2006 | Italy | Friuli | 1846 | 1890 | 20 | No | 90320 | 166.2 | 166.6 | 1850s |  |
| Bassino | 2006 | Japan | National | 1900 | 1940 | 20 | No | 348000 | 156.4 | 159.8 |  |  |
| Lintsi | 2006 | Estonia | Tartu | 1811 | 1998 | 17 | No | 1000 | 160.7 | 179.1 | 1910s |  |
| Heyberger | 2007 | France | Four districts | 1780 | 1920 | 18 | No | 237782 | 164 | 168 |  |  |
| Martinez-Carrion | 2007 | Spain | Leon-Castile | 1837 | 1915 | 21 | No | 22778 | 161.2 | 163.8 | 1850s |  |
| Martinez-Carrion | 2007 | Spain | Southeast | 1837 | 1915 | 21 | No | 80391 | 162.2 | 165 |  |  |
| Baten | 2009 | Argentina | National | 1870 | 1910 | 17-52 | No | 6953 | 167.6 | 167.8 |  |  |
| Lantzch | 2009 | Germany | Bavaria | 1813 | 1842 | 21 | No | 20000 | 164 | 164.5 |  |  |
| Salvatore | 2009 | Argentina | Buenos Aires | 1916 | 173 | 18 | No | 15500 | 170.5 | 173 | 1940s |  |
| Maria-Dolores | 2011 | Spain | Castile-Leon | 1837 | 1948 | 21 | No | 22778 | 161.2 | 163.8 | 1850s |  |
| Maria-Dolores | 2011 | Spain | Southeast | 1837 | 1948 | 21 | No | 80391 | 162.2 | 165 | 1850s |  |
| Schoch | 2012 | Switzerland | Basel | 1875 | 1905 | 21 | No | 20000 | 165 | 171.3 |  |  |
| Stolz | 2013 | Portugal |  | 1830 | 1910 | 18-50 | Trunc MLE | 43189 | 163.6 | 164.3 |  |  |
| Ayuda | 2014 | Spain | Valencia | 1859 | 1967 | 21 | No | 82039 | 163 | 171.3 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Volunteers** |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Margo | 1982 | US | South | 1820 | 1840 | 23-49 | No | 3651 | 169.8 | 168.8 |  |  |
| Margo | 1983 | US | National | 1815 | 1840 | 25-49 | No | 4931 | 173.7 | 174.6 |  |  |
| Margo | 1983 | US | National | 1815 | 1840 | 25-49 | No | 3260 | 173.8 | 174.9 |  |  |
| Margo | 1983 | US | National | 1815 | 1840 | 25-49 | No | 1080 | 172.3 | 172.1 |  |  |
| Steegmann | 1985 | UK | 54th regiment | 1749 | 1778 | 21+ | Yes | 635 | 170.5 | 170.5 | 1750s | 1760s |
| Sandberg | 1987 | Sweden | National | 1720 | 1819 | 25-49 | QBE | 12513 | 167.1 | 168.8 | 1750s | 1760s |
| Komlos | 1989 | Austria | Moravia | 1730 | 1799 | 23-45 | QBE | 9847 | 166.4 | 164.6 | 1750s | 1770s |
| Komlos | 1989 | Austria | Bohemia | 1730 | 1799 | 23-45 | QBE | 13203 | 165.4 | 161.1 | 1750s | 1770s |
| Komlos | 1989 | Austria | Galicia | 1730 | 1789 | 23-45 | QBE | 5294 | 170.8 | 163.3 | 1740s | 1750s |
| Komlos | 1989 | Austria | Lower Austria | 1740 | 1799 | 23-45 | QBE | 5048 | 169.1 | 161.2 | 1750s | 1770s |
| Steckel | 1994 | US | OH Natl Guard | 1850 | 1905 | 23-49 | No | 13000 | 175.3 | 173.2 | 1850s | 1880s |
| Haines | 1998 | US | New York | 1815 | 1845 | 21-49 | No | 3041 | 171.6 | 172.3 | 1830s |  |
| Komlos | 1998 | US | Upper South | 1810 | 1840 | 20-70 | No | 3651 | 169.8 | 168.8 | 1830s |  |
| Nicholas | 1998 | Australia | WWI soldiers | 1874 | 1883 | 21-49 | No | 4676 | 172.5 | 170.9 | 1880s |  |
| Nicholas | 1998 | Australia | WWII soldier | 1895 | 1920 | 21-49 | No | 7025 | 171.5 | 172.7 |  |  |
| Salvatore | 1998 | Argentina | Buenos Aires | 1785 | 1839 | 22-49 | No | 2024 | 158.2 | 160.1 |  |  |
| Komlos | 2001 | US | National | 1720 | 1790 | 20+ | Trunc MLE | 3916 | 174 | 171.5 | 1740s | 1790s |
| Whitwell | 2001 | Australia | East | 1880 | 1920 | 21-49 | No | 11701 | 171.4 | 173 | 1880s | 1890s |
| A'Hearn | 2003 | Italy | North | 1740 | 1770 | 21 | MLE | 4000 | 167 | 166 | 1750s |  |
| A'Hearn | 2003 | Italy | North | 1775 | 1835 | 21 | MLE | 4000 | 165 | 164 | 1820s |  |
| Komlos | 2003 | France | National | 1670 | 1760 | 23+ | Trunc MLE | 28000 | 163 | 166 | 1710s | 1750s |
| Cranfield | 2007 | Canada |  | 1870 | 1880 | 21-49 | No | 2630 | 173.1 | 170.7 | 1880s |  |
| Cranfield | 2007 | Canada |  | 1870 | 1895 | 21-49 | No | 11345 | 171.2 | 170.5 |  |  |
| Komlos | 2007 | England | militia | 1710 | 1735 | 23-50 | No | 1359 | 168 | 165.5 | 1720s |  |
| Komlos | 2007 | Ireland | militia | 1710 | 1735 | 23-50 | No | 1812 | 168 | 166.5 | 1720s |  |
| Komlos | 2007 | Germany | Saxony | 1715 | 1750 |  | Trunc MLE | 10083 | 164 | 164.5 |  |  |
| Lopez-Alonso | 2007 | Mexico | militia | 1840 | 1899 | 23-50 | Trunc MLE | 6820 | 167 | 164.5 | 1870s | 1880s |
| Lopez-Alonso | 2007 | Mexico | Soldiers | 1870 | 1949 | 18-45 | Trunc MLE | 6236 | 165 | 165 | 1910s |  |
| Shlomowitz | 2007 | Australia | Boer War | 1861 | 1881 | 21-49 | No | 3096 | 173.9 | 172.9 |  |  |
| Inwood | 2010 | New Zealand | WWI | 1870 | 1895 | 21-49 | Trunc MLE | 3051 | 171.4 | 171 |  |  |
| Inwood | 2010 | New Zealand | WWI | 1870 | 1895 | 21-49 | Trunc MLE | 2731 | 170.3 | 170.8 |  |  |
| Cranfield | 2011 | Britain | WWI | 1875 | 1894 | 21-49 | Trunc MLE | 4692 | 168.8 | 169.4 |  |  |
| Cranfield | 2011 | Australia | WWI | 1875 | 1894 | 21-49 | Trunc MLE | 16038 | 170.7 | 170.3 |  |  |
| Cranfield | 2011 | Britain | WWI | 1875 | 1894 | 21-49 | Trunc MLE | 15807 | 166 | 166.2 |  |  |
| Cranfield | 2011 | Canada | WWI | 1875 | 1894 | 21-49 | Trunc MLE | 17488 | 169.4 | 168.7 |  |  |
| Zehetmayer | 2011 | US | National | 1847 | 1894 | 18-50 | Trunc MLE | 41713 | 173 | 172 | 1850s |  |
| Austin | 2012 | West Africa | Ghana | 1800 | 1849 | 17-22 | Trunc MLE | 2241 | 167.2 | 164.6 | 1840s |  |
| Riggs | 2013 | Scotland | Soldiers | 1870 | 1899 | 25-45 | Trunc MLE | 1941 | 172 | 172.2 |  |  |
| Stolz | 2013 | Portugal | Soldiers | 1720 | 1830 | 18-50 | Trunc MLE | 3450 | 163.6 | 163.6 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Others** |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Margo | 1982 | US | South | 1790 | 1840 | 23-49 | No | 9726 | 169.6 | 172.1 |  |  |
| Komlos | 1986 | Austria |  | 1780 | 1804 | 17 | No | 1562 | 160.8 | 158.3 | 1790s |  |
| Komlos | 1987 | US | National | 1820 | 1879 | 17 | No | 996 | 169.4 | 170.3 |  |  |
| Komlos | 1987 | US | National | 1820 | 1879 | 18 | No | 953 | 172 | 171.4 |  |  |
| Komlos | 1987 | US | National | 1820 | 1879 | 19 | No | 829 | 173 | 172.6 | 1830s | 1850s |
| Komlos | 1987 | US | National | 1820 | 1879 | 20 | No | 610 | 173.5 | 173.4 | 1840s | 1850s |
| Nicholas | 1991 | England | Rural | 1770 | 1815 | 23+ | No | 3100 | 168 | 167.4 | 1780s |  |
| Nicholas | 1991 | England | Urban | 1770 | 1815 | 23+ | No | 1951 | 168.7 | 166.6 | 1780s | 1790s |
| Komlos | 1992 | US | Maryland | 1760 | 1840 | 21-50 | No | 6242 | 169 | 169.6 |  |  |
| Komlos | 1993 | England |  | 1710 | 1750 | 23+ | No | 850 | 171.5 | 169.9 | 1730s |  |
| Komlos | 1993 | Ireland |  | 1710 | 1750 | 23+ | No | 1628 | 169.7 | 170.7 |  |  |
| Komlos | 1994 | US | Mulattoes | 1720 | 1819 | 23+ | No | 544 | 173 | 175.3 |  |  |
| Komlos | 1994 | France | Paris | 1780 | 1860 | 18 | No | 1838 | 171.1 | 171.7 | 1820s |  |
| Komlos | 1994 | France | Provinces | 1780 | 1860 | 18 | No | 11214 | 171.4 | 170.6 | 1830s |  |
| Riggs | 1994 | Scotland | Glasgow | 1800 | 1840 |  | No | 1500 | 169.5 | 169.7 | 1810s | 1830s |
| Riggs | 1994 | Scotland | Rural | 1800 | 1840 |  | No | 1500 | 170.9 | 170.9 | 1810s |  |
| Wu | 1994 | US | Pittsburgh | 1890 | 1950 | 21+ | No | 5826 | 173.6 | 178.7 |  |  |
| Wu | 1994 | US | Pittsburgh | 1890 | 1950 | 21+ | No | 2101 | 172 | 177.4 |  |  |
| Brennan | 1994 | India | North | 1840 | 1894 | 24-40 | No | 11870 | 160.5 | 163.7 | 1870s |  |
| Brennan | 1994 | India | South | 1863 | 1892 | 24-40 | No | 810 | 164.3 | 163.8 |  |  |
| Brennan | 1997 | India |  | 1756 | 1803 | 23-70 | No | 1408 | 156.1 | 157.2 | 1770s |  |
| Coclanis | 1997 | US | South | 1860 | 1939 | 18 | No | 2023 | 174 | 179.1 | 1880s |  |
| Coclanis | 1997 | US | South | 1860 | 1939 | 17 | No | 2054 | 171.5 | 178.3 | 1890s |  |
| Gill | 1998 | Korea |  | 1925 | 1970 | 20-60 | No | 191558 | 166 | 171 |  |  |
| Gill | 1998 | Korea |  | 1910 | 1930 | 20 | No | 489 | 166 | 166 |  |  |
| Nicholas | 1998 | Australia | National | 1895 | 1931 | 20+ | No | 2310 | 171.8 | 171.7 |  |  |
| Grubb | 1999 | England |  | 1710 | 1750 | 22+ | No | 392 | 167.4 | 170.9 | 1730s |  |
| Grubb | 1999 | Ireland |  | 1710 | 1750 | 22+ | No | 1200 | 166.9 | 172.2 |  |  |
| Johnson | 1999 | England |  | 1812 | 1857 | 23-49 | No | 8612 | 165.6 | 164.8 | 1840s | 1850s |
| Baten | 2000 | Germany | Bavaria | 1815 | 1887 | 24-49 | No | 1582 | 170.5 | 170.6 | 1820s | 1850s |
| Olds | 2003 | Taiwan | National | 1882 | 1910 | 23-49 | No | 115700 | 162.7 | 163.9 |  |  |
| Gyenis | 2004 | Hungary | 4 colleges | 1935 | 1990 | 20 | No | 9805 | 170.9 | 178.9 | 1940s |  |
| Sunder | 2004 | US | TN-whites | 1830 | 1859 | 23+ | No | 803 | 173.7 | 174.4 | 1850s |  |
| Sunder | 2004 | US | TN-blacks | 1830 | 1859 | 23+ | No | 1804 | 169.5 | 173.6 | 1840s |  |
| Morgan | 2004 | China |  | 1880 | 1929 | 23-59 | No | 9462 | 166.2 | 168 |  |  |
| Carson | 2005 | US | Mexican | 1840 | 1890 | 22-55 | No | 3883 | 167 | 166 | 1850s |  |
| Carson | 2005 | US | Hispanic | 1840 | 1890 | 22-55 | No | 20919 | 172 | 173 |  |  |
| Danubio | 2005 | Italy | National | 1848 | 1951 | 30-70 | No | 1834 | 166.8 | 166 | 1880s |  |
| Bassino | 2006 | Japan |  | 1900 | 1940 | 20 | No | 10000 | 160.9 | 162.5 |  |  |
| Carson | 2006 | China |  | 1810 | 1879 | 22-55 | No | 1187 | 166.3 | 163.4 | 1820s | 1860s |
| Carson | 2006 | US | West | 1810 | 1879 | 22-55 | No | 3911 | 167.4 | 170.4 | 1830s |  |
| Guntupalli | 2006 | India |  | 1915 | 1944 | 20-49 | No | 26154 | 163.5 | 164.2 |  |  |
| Tatrek | 2006 | US | Ohio | 1795 | 1845 | 23-45 | No | 2554 | 174.2 | 173.2 |  |  |
| Vignerova | 2006 | Czech | National | 1951 | 2001 | 17.5 | No | 14000 | 172.6 | 180.3 |  |  |
| Carson | 2007 | US | Mexican | 1870 | 1920 | 23-55 | No | 6402 | 166.6 | 165.7 | 1920s |  |
| Carson | 2007 | China | South | 1820 | 1869 | 23-55 | No | 1154 | 164.8 | 163 |  |  |
| Cranfield | 2007 | Canada |  | 1845 | 1870 | 21-49 | No | 1824 | 173.3 | 172.8 |  |  |
| Godoy | 2007 | Puerto Rico | National | 1888 | 1928 | 35-79 | No | 9805 | 164.4 | 165.6 | 1890s |  |
| Lopez-Alonso | 2007 | Mexico | National | 1860 | 1920 | 18+ | No | 16612 | 164.8 | 168.1 |  |  |
| Meisel | 2007 | Columbia | National | 1870 | 1919 |  | No | 10390 | 167.4 | 168.6 |  |  |
| Meisel | 2007 | Columbia | National | 1905 | 1985 |  | No | 9321776 | 162.1 | 171 |  |  |
| Morgan | 2007 | Taiwan | National | 1906 | 1945 | 21-39 | No | 1838 | 165.1 | 167.5 | 1900s |  |
| Shlomowitz | 2007 | Australia | NSW | 1827 | 1881 | 30-34 | No | 453 | 172.6 | 169.5 | 1870s | 1880s |
| Shlomowitz | 2007 | Australia | NSW | 1837 | 1886 | 25-29 | No | 700 | 172.7 | 168.7 | 1870s | 1880s |
| Loesch | 2000 | Australia | East | 1876 | 1975 | 17 | No |  | 166 | 176.6 |  |  |
| Carson | 2008 | Mexico | Northern | 1830 | 1909 | 15-60 | No | 5712 | 169.4 | 166.2 | 1840s |  |
| Carson | 2008 | US | Southwest | 1830 | 1909 | 15-60 | No | 3418 | 165.1 | 168.8 | 1840s |  |
| Maloney | 2008 | US | OH-white | 1780 | 1880 | 23-55 | No | 17337 | 172.5 | 171.9 |  |  |
| Maloney | 2008 | US | OH-black | 1800 | 1880 | 23-55 | No | 3520 | 173 | 170 | 1820s | 1840s |
| Onge | 2008 | US | National | 1870 | 1980 | 16+ | No | 6027 | 179.3 | 189.1 | 1940s |  |
| Webb | 2008 | Czech | Six towns | 1933 | 1957 | 45-70 | No | 3073 | 172.7 | 176.9 |  |  |
| Webb | 2008 | Poland | Krakow | 1933 | 1957 | 45-70 | No | 4295 | 170 | 174.9 |  |  |
| Webb | 2008 | Russia | Novosibirsk | 1933 | 1957 | 45-70 | No | 3892 | 169.1 | 173.1 |  |  |
| Baten | 2009 | Brazil | Rio | 1810 | 1880 | 22-50 | No | 6771 | 164.6 | 166.4 |  |  |
| Baten | 2009 | Peru | Lima | 1820 | 1880 | 23-50 | No | 1139 | 164 | 168 | 1840s |  |
| Choi | 2009 | Korea |  | 1890 | 1916 | 20-40 | No | 1738 | 163.9 | 164.5 |  |  |
| Choi | 2009 | Korea |  | 1903 | 1960 | 20+ | No | 1300000 | 157 | 171 |  |  |
| Choi | 2009 | Korea |  | 1927 | 1960 | 20+ | No | 6417 | 169 | 167.5 | 1930s |  |
| Morgan | 2009 | China | South | 1820 | 1879 | 20+ | No | 1492 | 163.6 | 163 |  |  |
| Wheatcroft | 2009 | Russia | Peasants | 1857 | 1896 | 20+ | No | 2718 | 163.9 | 165.6 | 1870s |  |
| Wheatcroft | 2009 | Russia | Urban | 1916 | 1957 | 18+ | No | 11135 | 167 | 172.4 |  |  |
| Bodenhorn | 2010 | US | NY | 1795 | 1844 | 18+ | No | 790 | 179.3 | 174.4 | 1800s | 1830s |
| Bodenhorn | 2010 | US | NY | 1815 | 1849 | 18+ | No | 151 | 179.3 | 173.4 | 1820s | 1840s |
| Hiermeyer | 2010 | US |  | 1860 | 1884 | 16-21 | No | 2468 | 171.9 | 173.3 |  |  |
| Kim | 2011 | Korea |  | 1880 | 1920 | 25-30 | No | 6346 | 158.4 | 160.2 |  |  |
| Pak | 2011 | North Korea |  | 1931 | 1986 | 20-70 | No | 2045 | 163.5 | 165.6 | 1980s |  |
| Bodenhorn | 2012 | US | PA | 1819 | 1854 | 21 | No | 1262 | 169.3 | 168.7 |  |  |
| Riggs | 2013 | Scotland | Aberdeen | 1860 | 1889 | 25-46 | No | 569 | 171.3 | 171 |  |  |
| de Oliveria | 2014 | Brazil | National | 1950 | 1980 | 21-53 | No | 8350 | 168.2 | 170.8 |  |  |
| Bodenhorn | 2015 | US | Va-Md | 1787 | 1842 | 21 | No | 4223 | 169.9 | 170.1 | 1810s | 1830s |

**A1.2 References to studies used in meta analysis**

A’Hearn, Brian. “Anthropometric Evidence on Living Standards in Northern Italy, 1730-1860.” *Journal of Economic History* 63, no. 2 (2003): 351-381.

Alter, George, Muriel Neven and Michel Oris. “Stature in Transition: A Micro-Level Study from Nineteenth-Century Belgium.” *Social Science History* 28, no. 2 (2004): 231-247.

Arcaleni, Emilia. “Secular Trend and Regional Differences in the Stature of Italians, 1854-1980.” *Economics and Human Biology* 4, no.1 (2006): 24-38.

Austin, Gareth, Joerg Baten, and Bas Van Leeuwen. “The Biological Standard of Living in Early Nineteenth-century West Africa: New Anthropometric Evidence for Northern Ghana and Burkina Faso.” *Economic History Review* 65, no. 4 (2012): 1280-1302.

Ayuda, María-Isabel and Javier Puche-Gil. “Determinants of Height and Biological Inequality in Mediterranean Spain, 1859-1967.” *Economics and Human Biology* 15, no. 1 (2014): 101-119.

Bassino, Jean-Pascal. “Inequality in Japan (1892-1941): Physical Stature, Income, and Health.” *Economics and Human Biology* 4, no. 1 (2006): 62-88.

Baten, Joerg. “Economic Development and the Distribution of Nutritional Resources in Bavaria, 1797-1839: An Anthropometric Study.” *Journal of Income Distribution* 9, no. 1 (2000): 89-106.

Baten, Joerg and John E. Murray. “Heights and Men and Women in 19th-Century Bavaria: Economic, Nutritional, and Disease Influences.” *Explorations in Economic History* 37 (2000): 351-369.

Baten, Joerg, Ines Pelger, and Linda Twrdek. “The Anthropometric History of Argentina, Brazil and Peru during the 19th and Early 20th Century.” *Economics and Human Biology* 7, no. 3 (2009): 319-333.

Bodenhorn, Howard. “Height and Body Mass Index Values of Nineteenth-Century New York Legislators.” *Economics and Human Biology* 8, no. 1 (2010): 121-126.

Bodenhorn, Howard. “Height, Weight and Body Mass Index Values of Mid-19th Century New York Legislative Officers.” *Economics and Human Biology* 8 (2010): 291-293.

Bodenhorn, Howard. *The Color Factor*. New York: Oxford University Press, 2015.

Bodenhorn, Howard, Carolyn Moehling and Gregory N. Price. “Short Criminals: Stature and Crime in Early America.” *Journal of Law and Economics* 55, no. 2 (2012): 393-419.

Brennan, Lance, John McDonald and Ralph Shlomowitz. “The Heights and Economic Well-Being of North Indians under British Rule.” *Social Science History* 18, no. 2 (1994a): 271-307.

Brennan, Lance, John McDonald and Ralph Shlomowitz. “Trends in the Economic well-Being of South Indians under British Rule: The Anthropometric Evidence.” *Explorations in Economic History* 31, no. 2 (1994b): 225-260.

Brennan, Lance, John McDonald, and Ralph Shlomowitz. “Toward an Anthropometric History of Indians under British Rule.” *Research in Economic History* 17 (1997): 185-246.

Breschi, M., A. Formasin, and L. Quaranta. “Heights of Twenty Year Old Males of Friuli (Italy) Born between 1846 and 1890.” *Statistica* 66, no. 4 (2006): 389-413.

Carson, Scott Alan. “The Biological Standard of Living in 19th Century Mexico and in the American West.” *Economics and Human Biology* 3, no. 3 (2005): 405-419.

Carson, Scott Alan. “The Biological Living Conditions of Nineteenth-Century Chinese Males in America.” *Journal of Interdisciplinary History* 37, no. 2 (2006): 201-217.

Carson, Scott Alan. “Mexican Body Mass Index Values in the Late-19th-century American West.” *Economics and Human Biology* 5, no. 1 (2007a): 37-47.

Carson, Scott Alan. “Statures of 19th century Chinese Males in America.” *Annals of Human Biology* 34, no. 2 (2007b): 173-182.

Choi, Seong-Jin and Daniel Schwekendiek. “The Biological Standard of Living in Colonial Korea, 1910-1945.” *Economics and Human Biology* 7 (2009): 259-264.

Coclanis, Peter A. and John Komlos. “The Stature of Citadel Cadets, 1880-1940: An Anthropometric View of the New South.” *South Carolina Historical Magazine* 98, no. 2 (1997): 153-176.

Cranfield, John and Kris Inwood. “The Great Transformation: A Long-Run Perspective on Physical Well-Being in Canada.” *Economics and Human Biology* 5, no. 2 (2007): 204-228.

Cranfield, John and Kris Inwood. “Stayers and Leavers, Diggers and Canucks: The 1914-1918 War in Comparative Perspective.” Working paper, University of Guelph (2011).

Danubio, Maria Enrica, G. Gruppioni and F. Vecchi. “Height and Secular Trend in Conscripts Born in the Central Apennines (Italy), 1865-1972.” *Annals of Human Biology* 30, no. 2 (2003): 225-231.

De Oliveira, Victor Hugo and Climent Quintana-Domeque. “Early-Life Environment and Adult Stature in Brazil: An Analysis for Cohorts Born between 1950 and 1980.” *Economics and Human Biology* 15, no. 3 (2014): 67-80.

Drukker, J. W. and Vincent Tassenaar. “Paradoxes of Modernization and Material Well-Being in the Netherlands in the Nineteenth Century.” In *Health and Welfare during Industrialization*, 331-378. Edited by Richard H. Steckel and Roderick Floud. Chicago: University of Chicago Press, 1997.

Federico, Giovanni. “Heights, Calories and Welfare: A New Perspective on Italian Industrialization, 1854-1913.” *Economics and Human Biology* 1 (2003): 289-308.

Gill, Insong. “Stature, Consumption, and the Standard of Living in Colonial Korea.” In *The Biological Standard of Living in Comparative Perspective,* 122-138. Edited by John Komlos and Joerg Baten. Stuttgart: Steiner, 1998.

Godoy, Ricardo A., Elizabeth Goodman, Richard Levins, Mariana Caram, and Craig Seyfried. “Adult Male Height in an American Colony: Puerto Rico and the USA Mainland Compared, 1886-1955.” *Economics and Human Biology* 5, no. 1 (2007): 82-99.

Greil, Holle. “Age- and Sex-Specifity of the Secular Trend of Height in East Germany.” In *The Biological Standard of Living in Comparative Perspective*, 483-496. Edited by John Komlos and Joerg Baten. Stuttgart: Franz Steiner Verlag. 1998.

Grubb, Farley. “Withering Heights: Did Indentured Servants Shrink from an Encounter with Malthus? A Comment on Komlos.” *Economic History Review* 52, no. 4 (1999): 714-729.

Guntupalli, Aravinda Meera and Joerg Baten. “The Development and Inequality of Heights in North, West, and East India, 1915-1944.” *Explorations in Economic History* 43 (2006): 578-608.

Gyenis, Gyula and Kálmán Joubert. “Socioeconomic Determinants of Anthropometric Trends among Hungarian Youth.” *Economics and Human Biology* 2, no. 2 (2004): 321-333.

Haines, Michael R. “Height, Nutrition and Mortality.” In *The Biological Standard of Living in Comparative Perspective,* 155-180. Edited by John Komlos and Joerg Baten. Stuttgart: Steiner, 1998.

Hauspie, R. C., M. Vercauteren, and C. Susanne. “Secular Changes in Growth and Maturation: An Update.” *Acta Paediatrica* 86, no. S423 (1997): 20-27.

Hermanussen, Michael, Jens Burmeister, and Volker Burkhardt. “Stature and Stature Distribution in Recent West German and Historic Samples of Italian and Dutch Conscripts.” *American Journal of Human* Biology 7, no. (1995): 507-515.

Heyberger, Laurent. “Toward an Anthropometric History of Provincial France, 1780-1920.” *Economics and Human Biology* 5 (2007): 229-254.

Hiermeyer, Martin. “The Height and BMI Values of West Point Cadets after the Civil War.” *Economics and Human Biology* 8, no. 1 (2010): 127-133.

Inwood, Kris, Les Oxley and Evan Roberts. “Physical Stature in Nineteenth-Century New Zealand: A Preliminary Interpretation.” *Australian Economic History Review* 50, no. 3 (2010): 262-283.

Johnson, Paul and Stephen Nicholas. “Male and Female Living Standards in England and Wales, 1812-1857: Evidence from Criminal Height Records.” *Economic History Review* 48, no. 3 (1995): 470-481.

Kim, Duol and Heejin Park. “Measuring Living Standards from the Lowest: Height of the Male Hangryu Deceased in Colonial Korea.” *Explorations in Economic History* 48 (2011): 590-599.

Komlos, John. “Patterns of Children’s Growth in East-Central Europe in the Eighteenth Century.” *Annals of Human Biology* 13, no. 1 (1986): 33-48.

Komlos, John. “The Height and Weight of West Point Cadets: Dietary Change in Antebellum America.” *Journal of Economic History* 47, no. 4 (1987): 897-927.

Komlos, John. *Nutrition and Economic Development in the Eighteenth-Century Habsburg Monarchy*. Princeton: Princeton University Press (1989).

Komlos, John. “Toward an Anthropometric History of African-Americans: The Case of Free Blacks in Antebellum Maryland.” In *Strategic Factors in Nineteenth American Economic History: A Volume to Honor Robert W. Fogel*, pp. 297-329. Edited by Claudia Goldin and Hugh Rockoff. Chicago: University of Chicago Press, 1992.

Komlos, John. “The Secular Trend in the Biological Standard of Living in the United Kingdom, 1730-1860.” *Economic History Review* 46, no. 1 (1993a): 115-144.

Komlos, John. “A Malthusian Episode Revisited: The Height of British and Irish Servants in Colonial America.” *Economic History Review* 46, no. 4 (1993b): 768-782.

Komlos, John. “The Nutritional Status of French Students.” *Journal of Interdisciplinary History* 24, no. 3 (1994a): 493-508.

Komlos, John. “The Height of Runaway Slaves in Colonial America, 1720-1770.” In *Stature, Living Standards, and Economic Development: Essays in Anthropometric History*, 93-116. Edited by John Komlos. Chicago and London: University of Chicago Press, 1994b.

Komlos, John. “Shrinking in a Growing Economy? The Mystery of Physical Stature during the Industrial Revolution.” Journal of Economic History 58, no. 3 (1998a): 779-802.

Komlos, John. “On the Biological Standard of Living of African Americans: The Case of the Civil War Soldiers.” In *The Biological Standard of Living in Comparative Perspective,* 236-249 Edited by John Komlos and Joerg Baten. Stuttgart: Steiner, 1998b.

Komlos, John. “On the Biological Standard of Living of Eighteenth-Century Americans: Taller, Richer, Healthier.” *Research in Economic History* 20 (2001): 223-248.

Komlos, John. “An Anthropometric History of Early-Modern France.” *European Review of Economic History* 7, no. 2 (2003) 159-189.

Komlos, John and Francisco Cinnirella. “European Heights in the Early Eighteenth Century.” *VSWG: Vierteljahrschrift für Sozial-und Wirthscaftsgeshechte* 94, no. 3 (2007): 271-284.

Lantzsch, Jana and Klaus Schuster. “Socioeconomic Status and Physical Stature in 19th-Century Bavaria.” *Economics and Human Biology* 7, no. 1 (2009): 46-54.

Linstsi, Mart and Helje Kaarma. “Growth of Estonian Seventeen-Year\_old Boys during the Last Two Centuries.” *Economics and Human Biology* 4, no. 1 (2006): 89-103.

Loesch, D. Z., K. Stokes, and R. M. Huggins. “Secular Trend in Body Height and Weight of Australian Children and Adolescents.” *American Journal of Physical Anthropology* 111, no. (2000): 545-556.

López-Alonso, Moramay. “Growth with Inequality: Livings Standards in Mexico, 1850-1950.” *Journal of Latin American Studies* 39, no.1 (2007): 81-105.

Maloney, Thomas N. and Scott Alan Carson. “Living Standards in Black and White: Evidence from the Heights of Ohio Prison Inmates, 1829-1913.” *Economics and Human Biology* 6, no. 2 (2008): 237-251.

Margo, Robert A., and Richard H. Steckel. “The Heights of American Slaves.” *Social Science History* 6, no. 4 (1982): 516-538.

Margo, Robert A. and Richard H. Steckel. “Heights of Native-Born Whites during the Antebellum Period.” *Journal of Economic History* 43, no. 1 (1983): 167-174.

María-Dolores, Ramón and José-Miguel Martinez-Carríon. “The Relationship between Height and Economic Development in Spain, 1850-1958.” *Economics and Human Biology* 9, no. 1 (2011): 30-44.

Martínez-Carrión, José-Miguel. “Stature, Welfare, and Economic Growth in Nineteenth-Century Spain: The Case of Murcia.” In *Stature, Living Standards, and Economic Development: Essays in Anthropometric History*, 76-89. Edited by John Komlos. Chicago and London: University of Chicago Press, 1994.

Martínez-Carrión, José-Miguel and Juan José Pérez Castejón. “Heights and Standards of Living in Spain, 1860-1969: Evidence from the Southeastern Region.” In *The Biological Standard of Living in Comparative Perspective,* 344-358. Edited by John Komlos and Joerg Baten. Stuttgart: Steiner, 1998.

Martínez-Carrión, José-Miguel and Juan José Pérez Castejón. “Heights and Standards of Living during the Industrialization of Spain: The Case of Elche.” *European Review of Economic History* 2, no. 2 (1998): 201-230.

Martínez-Carrión, José-Miguel and Javier Moreno-Lázaro. “Was There an Urban Height Penalty in Spain, 1840-1913?” *Economics and Human Biology* 5 (2007): 144-164.

Meisel, Adolfo and Margarita Vega. “The Biological Standard of Living (and Its Convergence) in Columbia, 1870-2003: A Tropical Success Story.” *Economics and Human Biology* 5, no. 1 (2007): 100-122.

Mironov, Boris N. “Diet, Health, and Stature of the Russian Population from the Mid-Nineteenth to the Beginning of the Twentieth Century.” In *The Biological Standard of Living on Three Continents: Further Explorations in Anthropometric History*, 59-79. Edited by John Komlos. Boulder: Westview Press, 1995.

Morgan, Stephen L. “Economic Growth and the Biological Standard of Living in China, 1880-1930.” *Economics and Human Biology* 2, no. 2 (2004): 197-218.

Morgan, Stephen L. “Was Japanese Colonialism Good for the Welfare of Taiwanese? Stature and the Standard of Living.” *China Quarterly* no. 192 (2007): 990-1017.

Morgan, Stephen L. “Stature and Economic Development in South China, 1810-1880.” *Explorations in Economic History* 46, no. 1 (2009): 53-69.

Nicholas, Stephen. “Anthropometric History and Economic History.” In *The Biological Standard of Living on Three Continents: Further Explorations in Anthropometric History*, 190-202. Edited by John Komlos. Boulder: Westview Press, 1995.

Nicholas, Stephen, Robert Gregory and Sue Kimberley. “The Welfare of Indigenous and White Australians, 1890-1955.” In *The Biological Standard of Living in Comparative Perspective,* 35-54. Edited by John Komlos and Joerg Baten. Stuttgart: Franz Steiner Verlag, 1998.

Nicholas, Stephen and Richard H. Steckel. “Heights and Living Standards of English Workers during the Early Years of Industrialization, 1770-1815.” *Journal of Economic History* 51, no. 4 (1991): 937-957.

Olds, Kelly B. “The Biological Standard of Living in Taiwan under Japanese Occupation.” *Economics and Human Biology* 1, no. 2 (2003): 187-206.

Padez, Cristina. “Secular Trend in Stature in Portuguese Population (1904-2000).” *Annals of Human Biology* 30, no. 3 (2003): 262-278.

Pak, Sunyoung, Daniel Schwekendiek and Hee Kyoung Kim. “Height and Living Standards in North Korea, 1930s-1980s.” *Economic History Review* 64, No. S1 (2011): 142-158.

Popoff, Kiril G. “Résultats des Mansurations Anthropométriques des Conscrits en Búlgarie.” *Bulletin de L’Institut International de Statistique* 22, no. 2 (1926): 383-420.

Riggs, Paul. “The Standard of Living in Scotland, 1800-1850.” In *Stature, Living Standards, and Economic Development: Essays in Anthropometric History*, 60-75. Edited by John Komlos. Chicago and London: University of Chicago Press, 1994.

Riggs, Paul and Timothy Cuff. “Ladies from Hell, Aberdeen Free Gardeners, and the Russian Influenza: An Anthropometric Analysis of WWI-Era Scottish Soldiers and Civilians.” *Economics and Human Biology* 11, no. 1 (2013): 69-77.

Saint Onge, Jarron M., Patrick M. Krueger, and Richard G. Rogers. “Historical Trends in Height, Weight, and Body Mass: Data from U.S. Major League Baseball Players, 1869-1983.” *Economics and Human Biology* 6, no. 3 (2008): 482-488.

Salvatore, Ricardo D. “Heights and Welfare in Late-Colonial and Post-Independence Argentina.” In *The Biological Standard of Living in Comparative Perspective*, 97-121. Edited by John Komlos and Joerg Baten. Stuttgart: Franz Steiner Verlag. 1998.

Salvatore, Ricardo D. “Status Decline and Recovery in a Food-Rich Export Economy: Argentina, 1900-1934.” *Explorations in Economic History* 41, no. 3 (2004): 233-255.

Salvatore, Ricardo D. “Stature, Nutrition, and Regional Convergence: The Argentine Northwest in the First Half of the Twentieth Century.” *Social Science History* 28, no. 2 (2004): 297-324.

Salvatore, Ricardo D. “Stature Growth in Industrializing Argentina: The Buenos Aires Industrial Belt 1916-1950.” *Explorations in Economic History* 46, no. 1 (2009): 70-92.

Sandberg, Lars G. and Richard H. Steckel. “Heights and Economic History: The Swedish Case.” *Annals of Human Biology* 14, no. 2 (1987): 101-110.

Sandberg, Lars G and Richard H. Steckel. “Was Industrialization Hazardous to Your Health? Not in Sweden!” In *Health and Welfare during Industrialization*, 127-159. Edited by Richard H. Steckel and Roderick Floud. Chicago: University of Chicago Press, 1997.

Sapounaki-Dracaki, Lydia. “Height and Nutritonal Status in Greece.” In *The Biological Standard of Living in Comparative Perspective*, 408-412. Edited by John Komlos and Joerg Baten. Stuttgart: Franz Steiner Verlag. 1998.

Schoch, Tobias, Kaspar Staub, and Christian Pfister. 2012. “Social Inequality and the Biological Standard of Living: An Anthropometric Analysis of Swiss Conscription Data, 1875-1950.” *Economics and Human Biology* 10 (2012): 154-173.

Shay, Ted. “The Level of Living in Japan, 1885-1938: New Evidence.” In *Stature, Living Standards, and Economic Development: Essays in Anthropometric History*, 173-201. Edited by John Komlos. Chicago and London: University of Chicago Press, 1994.

Shlomowitz, Ralph. “Did the Mean Height of Australian-Born Men decline in the Late Nineteenth Century? A Comment.” *Economics and Human Biology* 5, no. 3 (2007): 484-488.

Sobral, Francisco. “Secular Changes in Stature in Southern Portugal between 1930 and 1980 According to Conscript Data.” *Human Biology* 62, no. 4 (1990): 491-504.

Steckel, Richard H and Donald R. Haurin. “Health and Nutrition in the American Midwest: Evidence from the Height of Ohio National Guardsmen, 1850-1910.” In *Stature, Living Standards, and Economic Development: Essays in Anthropometric History*, 117-128. Edited by John Komlos. Chicago and London: University of Chicago Press, 1994.

Steegmann, A, Theodore. “18th Century British Military Stature: Growth Cessation, Selective Recruiting, Secular Trends, Nutrition at Birth, Cold and Occupation.” *Human Biology* 57, no. 1 (1985): 77-95.

Stolz, Yvonne, Joerg Baten, and Jaime Reis. “Portuguese Living Standards, 1720-1980, in European Comparison: Heights, Income, and Human Capital.” *Economic History Review* 66, no. 2 (2013): 545-578.

Sunder, Marco. “The Making of Giants in a Welfare State: The Norwegian Experience in the 20th Century.” *Economics and Human Biology* 1, no. 2 (2003): 267-276.

Sunder, Marco. “The Height of Tennessee Convicts: Another Piece of the ‘Antebellum Puzzle’.” *Economics and Human Biology* 2, no. 1 (2004): 75-86.

Tatarek, Nancy E. “Geographical Height Variation among Ohio Caucasian Male Convicts Born 1780-1849.” *Economics and Human Biology* 4, no. 2 (2006): 222-236.

Valaoras, Vasilios G. “Biometric Studies of Army Conscripts in Greece: Mean Stature and ABO Blood-Group Distribution.” *Human Biology* 42, no. 2 (1970): 184-201.

Valle, Gloria Quiroga. “Height Evolution in Spain, 1893-1954: An Analysis by Regions and Professions.” In *The Biological Standard of Living in Comparative Perspective,* 359-383. Edited by John Komlos and Joerg Baten. Stuttgart: Steiner, 1998.

Vignerová, J., M. Brabec, and P. Bláha. “Two Centuries of Growth among Czech Children and Youth.” *Economics and Human Biology* 4, no. 2 (2006): 237-252.

Webb, Elizabeth Alice, Diana Kuh, Andrzej Pajak, Ruzena Kubinova, Sofia Malyutina, and Martin Bobak. “Estimation of Secular Trends in Adult Height, the Childhood Socioeconomic Circumstances in Three Eastern European Populations.” *Economics and Human Biology* 6, no. 2 (2008): 228-236.

Weir, David. "Economic welfare and physical well-being in France, 1750-1990."In *Health and Welfare during Industrialization*, 161-200. Chicago: University of Chicago Press, 1997.

Wheatcroft, Stephen G. “The Great Leap Upwards: Anthropometric Data and Indicators of Crises and Secular Change in Soviet Welfare Levels, 1880-1950.” *Slavic Review* 58, no. 1 (1999): 27-60.

Wheatcroft, Stephen G. “The First 35 Years of the Soviet Living Standards: Secular growth and Conjunctural Crises in a Time of Famines.” *Explorations in Economic History* 46, no. 1 (2009): 24-52.

Whitwell, Greg and Stephen Nicholas. “Weight and Welfare of Australians, 1890-1940.” *Australian Economic History Review* 41, no. 2 (2001): 159-175.

Wu, Jialu. “How Severe Was the Great Depression? Evidence from the Pittsburgh Region.” In *Stature, Living Standards, and Economic Development: Essays in Anthropometric History*, 129-152. Edited by John Komlos. Chicago and London: University of Chicago Press, 1994.

Zehetmayer, Matthias. “The Continuation of the Antebellum Puzzle: Stature in the US, 1847-1894.” *European Review of Economic History* 15, no. 1 (2011): 313-327.

**Appendix 2: Union Army Data Set Construction**

In this appendix, we provide brief descriptions of the data sets used in the selection diagnostic and the details of the regression results. We chose these samples because not because they encompass every possible type of study used to make a case for the industrialization puzzle, but because they are consistent with the types of data used in studies that report results consistent with the puzzle. The Union Army data, for example, is used in studies by Brian A’Hearn, Dora Costa, Robert Fogel, Michael Haines and others that discuss its relevance to the antebellum puzzle. Similarly, studies by Peter Coclanis and John Komlos, as well as a handful of studies by Scott Alan Carson, use prison samples from approximately the same era as the Pennsylvania data analyzed here. And, finally, Komlos argues that the Maryland free black data reveals patterns consistent with the antebellum puzzle. We expand this, by merging Bodenhorn’s Virginia free black data with Komlos’ Maryland data, which provides a larger sample.

We trimmed the samples to exclude the young (less than 23 years) and the old (greater than 30 years), as well as the exceptionally tall or exceptionally short, though the last typically results in dropping a small number of observations. We include men between the ages of 23 and 30 because: (1) men may not have reached terminal stature until some age after 20 years; and (2) men who enter these samples (military and prison) after age 30 are unlikely to be representative of soldiers or prisoners, most of whom tend to enter the samples between their late teens and mid-twenties.

*Pennsylvania prisoners*

Height data drawn from prison records are a widely used source of information on historical heights and many of the studies purport to provide evidence consistent with the antebellum puzzle.[[1]](#footnote-1) We ask whether there is evidence of self-selection in a typical sample of heights drawn from convicts incarcerated during the era of early industrialization drawing on data from the Pennsylvania penitentiary system between the late 1820s and the late 1870s. These data are similar to those used elsewhere in the literature. The Pennsylvania prisoner data are taken from ledgers maintained by clerks at the Eastern State Penitentiary in Philadelphia and at the Western State Penitentiary in Pittsburgh. At the prisoners’ arrival at the prisons, clerks recorded basic information about the prisoners, including their names, ages, state of birth if native-born or country of birth if foreign-born, pre-incarceration occupation, the crime for which they were incarcerated, sentence length, prior convictions (if any), and the county of conviction. Two descriptive registers, one each from the Eastern and Western penitentiaries, included identifying information such as race (white, black, mulatto), eye color, brief descriptions of marks, scars, tattoos, or physical deformities. Most importantly for our purposes, the clerks recorded heights, typically to the nearest quarter-inch.

The Pennsylvania prisoner data raises selection concerns because prisoners, especially those confined to state penitentiaries in the nineteenth century, were unlikely to represent random draws from the wider population. It is not even clear that they are representative of individuals engaged in criminal activity. Men incarcerated at the prison arrived after traversing a criminal process in which many participants in the law-enforcement sector made choices: individuals chose to (allegedly) commit a crime; the police chose whether to charge and arrest the suspect; the prosecutor chose whether to prosecute the case; a jury chose to convict and to impose a sentence of more than one year of incarceration. Ultimately, men committed to the state prisons were those who were convicted of relatively serious crimes. There is no guarantee that the choices made at each stage of the criminal process – commission, arrest, prosecution, conviction – was independent of the prisoners’ heights. Bodenhorn, Moehling and Price, in fact, show that criminals themselves were negatively selected on height.[[2]](#footnote-2) Criminals were short relative to their contemporaries and shorter men entered prison at younger ages. The potential for plausibly changing height-based selection into prisons raises concerns about inferences drawn from such data.

*Free-born and manumitted African Americans*

A ten-fold increase in the free African-American population in Maryland and a five-fold increase in Virginia between the Revolution and the Civil War concerned contemporary whites who imposed a number of restrictions and regulations on manumission, the occupations African-Americans might pursue, and other features of free African-American life. One regulation imposed in both states in the post-Revolutionary era was that all free people of color were required to register with the county court and retain a notarized copy of the registration as proof of their freedom. County court clerks recorded information on the registrants, sometimes in special ledgers, sometimes in the regular court records. Most registrations included detailed descriptions of an individual registrant, including his or her name (including any known aliases), age, sex, height, complexion, any identifying scars or other notable physical attributes, and whether he or she were born free or manumitted. Some registrations included the county of birth; few reported an occupation. Komlos and Bodenhorn have used these data to investigate various features of the free African-American experience, including race- and complexion-based differences in height and whether African-American heights exhibited evidence of the antebellum puzzle.[[3]](#footnote-3)

One concern with the registration data is that, like in the prison sample, they may not be a true random draw from either the free-born or enslaved population. Virginia’s 1793 “black code” required all free and manumitted African Americans to register with the court clerk of the county in which they resided.[[4]](#footnote-4) Any free person who failed to do so was subject to arrest and liable for the jailor’s fees incurred before they appeared in court and registered, which might be expected to have encouraged near universal registration because the law was enforced, even if unevenly.[[5]](#footnote-5) But only a fraction of African Americans actually complied. In Campbell County, Virginia, for example, the clerk registered only 287 individuals between 1801 and 1850 even though the 1850 census enumerated 846 African-American residents. An effort to match registers (circa 1850 and 1860) to the 1850 and 1860 manuscript censuses for 17 Maryland and Virginia counties resulted in a 27 percent match rate, which may be only partly explained by the use of aliases, alternative spellings, and failure to match on common names. Registration was selected on something; we investigate whether it the selection was height-related.

A second feature of Virginia’s 1793 act, namely that any employer who hired a free person of color without a proper registration was subject to a $5 fine per violation, may have led to selective registration. Most free-born registrants appear in the records between the ages of 17 and 25, probably as a result of the $5 fine-law. These are the ages at which young men and women left home and/or entered the wage labor market and employers required papers. If historical labor markets exhibit the same rewards to height observed in modern studies, African-American employment opportunities may have been correlated with height. Moreover, if the returns to height changed with changes in employment rates or wages (or other macroeconomic variables), dynamic selection may have operated in a way that improvements in labor market opportunities would have drawn differentially over cohorts and time from an otherwise stable height distribution. If this were the case, the selected data may reveal a (spurious) trend in height that would not appear in a representative random sample.

Further, because it includes only manumitted slaves, it is unlikely that the Maryland-Virginia registration sample includes a random draw of the slave population.[[6]](#footnote-6) Historical studies into manumission practices across the New World point toward non-random, or selective manumission. Manumitted slaves were disproportionately young, female, mixed-race, skilled workers or domestic servants that resided in urban places.[[7]](#footnote-7) Moreover, Shawn Cole found that slaves that achieved their freedom through self-purchase paid a 19 percent premium over market price adjusted for observable characteristics, which suggests that these slaves expected to realize productivities in freedom sufficient to compensate for the higher prices paid.[[8]](#footnote-8) Arthur Budros, too, found a correlation between manumission rates in south-central Virginia and changes in slave and commodity prices.[[9]](#footnote-9) One feature of manumission that is widely accepted is that it was used selectively to reward favored slaves and to provide incentives for slaves to behave and work hard.[[10]](#footnote-10) If the selection process into manumission responded to either short-run cycles or long-run trends in the southern economy, the potential for dynamic selection is evident.

*British soldiers*

Scholars rightly consider Floud, Wachter, and Gregory (1990) a central contribution to the historical heights literature. Their discussion of living standards in Britain in the period 1750-1980 relies heavily on three distinct samples that are all in some sense “military.” The Royal Army and the Royal Marines recruited adult men to serve in the forces. Floud et al also use samples of younger males to study age-patterns of growth. We use a subset of the public use version of the Army data to show that heights of soldiers display patterns that are consistent with selection and inconsistent with the type of explanations usually advanced in the heights literature.[[11]](#footnote-11)

*Union Army*

We obtained this data from the website of the Early Indicators Project (http:/www.uadata.org/union\_army). The project described was supported by Award number P01 AG101020 from the National Institute on Aging. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institute on Aging or the National Institute of Health. The details of the data can be found in A’Hearn (2003).

We here provide the details of our use of the Union army data followed by the additional samples of British soldiers, Pennsylvania prisoners, and free blacks.

Sequential selection criteria:

46,551 observations in Full Union Army Sample

-7,210 not in union army cohort

-168 bad enlistment year (not in 1861-65)

-12 bad enlistment month

-118 height in feet (rh\_feet1) missing

-7 height feet <4’ (7) >7(0)

-357 height inches missing (rh\_inch1)

38,679 remaining observations at this point

-26,488 None of 3 age measures in [23,30]

12,191 Basic sample

Information on the enlistment year comes from the variable “lstdt1\_1” which measures "Likely date of first enlistment." We require this variable to contain unambiguous information on the year and month of enlistment. Missing day of enlistment we assume is the 15th of the month.

Height in feet comes from the variable “rh\_feet1” and the inches over the foot comes from the variable “rh\_inch1.” We convert the height measures to inches.

We examine 3 different ways to measure age. The first comes directly from the variable “lstag1\_1” which measures integer age at first enlistment. The second comes from the reported data of birth (“rb\_date1”) and the date of enlistment. We require a valid year of birth (23,140 missing) . We assume any observation with a valid birth year but a missing month of birth was born on July 1. Any other missing birth day ww recoded to the 15th. We use the information on the year, month, and day of birth and enlistment to construct the integer age (truncated, not rounded) for this second measure at time of enlistment . Our third measure consists of those observations whose values of these two measures agree. We also examined an age at enlistment defined as enlistment year minus birth year, but found no substantive differences when we used that that measure instead of the second measure.

1. Sample selection criteria for reported age at enlistment

12,191 Basic Sample

-184 missing age

-473 age < 23

-162 age>30

11,372 Age measure 1 sample

Variable | Obs Mean Std. Dev. Min Max

-------------+--------------------------------------------------------

height | 11372 67.92764 2.614336 59 84.5

age\_en\_var | 11372 25.99085 2.281196 23 30

enlist\_yr | 11372 1862.526 1.344058 1861 1865

2. Sample selection criteria for age at enlistment from birth date and enlistment date

12,191 Basic Sample

-7,078 missing age

-594 age < 23

-204 age>30

4,315 Age measure 2 sample

Variable | Obs Mean Std. Dev. Min Max

-------------+--------------------------------------------------------

height | 4315 68.08767 2.565929 52 77.75

age\_en\_var | 4315 25.92885 2.259127 23 30

enlist\_yr | 4315 1862.503 1.342808 1861 1865

3. Sample selection criteria for age at enlistment agreement

12,191 Basic Sample

-9,835 any difference in above integer ages

-129 age < 23

0 age>30

2,227 Age measure 3 sample

Variable | Obs Mean Std. Dev. Min Max

-------------+--------------------------------------------------------

height | 2227 68.18269 2.552512 60 77.75

age\_en\_var | 2227 25.83835 2.265984 23 30

enlist\_yr | 2227 1862.511 1.314522 1861 1865

**Appendix 2.1 Union Army Approach 1**

. reg height $BC\_dums $Age\_dums $MoreEff , robust

Linear regression Number of obs = 11372

F( 18, 11353) = 11.28

Prob > F = 0.0000

R-squared = 0.0168

Root MSE = 2.5943

------------------------------------------------------------------------------

| Robust

height | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | -.3779614 .2051144 -1.84 0.065 -.7800211 .0240984

by\_1833 | -.6806799 .2198256 -3.10 0.002 -1.111576 -.2497837

by\_1834 | -.5787663 .2042843 -2.83 0.005 -.9791989 -.1783337

by\_1835 | -.9456028 .2121928 -4.46 0.000 -1.361537 -.5296683

by\_1836 | -1.108092 .221432 -5.00 0.000 -1.542137 -.6740474

by\_1837 | -1.347946 .2260014 -5.96 0.000 -1.790948 -.9049444

by\_1838 | -1.791738 .230053 -7.79 0.000 -2.242681 -1.340794

by\_1839 | -1.908318 .2368182 -8.06 0.000 -2.372523 -1.444113

by\_1840 | -2.122813 .2462417 -8.62 0.000 -2.605489 -1.640136

by\_1841 | -2.413563 .2550439 -9.46 0.000 -2.913494 -1.913633

by\_1842 | -2.911548 .2872529 -10.14 0.000 -3.474614 -2.348483

dage\_24 | -.192928 .0960835 -2.01 0.045 -.3812683 -.0045877

dage\_25 | -.5516461 .1049327 -5.26 0.000 -.7573323 -.3459599

dage\_26 | -.6697873 .1154839 -5.80 0.000 -.8961557 -.4434189

dage\_27 | -.9364072 .1261815 -7.42 0.000 -1.183745 -.6890696

dage\_28 | -1.354128 .1400024 -9.67 0.000 -1.628556 -1.079699

dage\_29 | -1.235245 .1560029 -7.92 0.000 -1.541037 -.9294521

dage\_30 | -1.560979 .1689022 -9.24 0.000 -1.892057 -1.229902

\_cons | 69.9575 .2371538 294.99 0.000 69.49264 70.42237

------------------------------------------------------------------------------

. test $Age\_dums

( 1) dage\_24 = 0

( 2) dage\_25 = 0

( 3) dage\_26 = 0

( 4) dage\_27 = 0

( 5) dage\_28 = 0

( 6) dage\_29 = 0

( 7) dage\_30 = 0

F( 7, 11353) = 16.92

Prob > F = 0.0000

.

. reg height $BC\_dums $Age\_dums $More\_Eff , robust

Linear regression Number of obs = 11372

F( 39, 11332) = 6.21

Prob > F = 0.0000

R-squared = 0.0201

Root MSE = 2.5923

------------------------------------------------------------------------------

| Robust

height | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | -.287577 .2158361 -1.33 0.183 -.7106531 .1354991

by\_1833 | -.9581689 .3515521 -2.73 0.006 -1.647272 -.2690659

by\_1834 | -.6347406 .2261316 -2.81 0.005 -1.077998 -.1914835

by\_1835 | -.910414 .2997672 -3.04 0.002 -1.49801 -.3228183

by\_1836 | -.870448 .4377747 -1.99 0.047 -1.728562 -.0123337

by\_1837 | -1.581458 .5238589 -3.02 0.003 -2.608312 -.5546038

by\_1838 | -2.308731 .586091 -3.94 0.000 -3.457571 -1.159891

by\_1839 | -2.54049 .6501756 -3.91 0.000 -3.814947 -1.266033

by\_1840 | -2.419477 .6896306 -3.51 0.000 -3.771272 -1.067681

by\_1841 | -2.689745 .7305629 -3.68 0.000 -4.121774 -1.257715

by\_1842 | -3.197599 .7587522 -4.21 0.000 -4.684885 -1.710313

dage\_24 | -.2253041 .2367128 -0.95 0.341 -.6893022 .2386941

dage\_25 | -.2764589 .3314283 -0.83 0.404 -.9261158 .3731981

dage\_26 | -.4086803 .4295249 -0.95 0.341 -1.250624 .4332629

dage\_27 | -.9348241 .5020291 -1.86 0.063 -1.918888 .04924

dage\_28 | -1.837097 .5785838 -3.18 0.002 -2.971221 -.7029723

dage\_29 | -1.487903 .6582647 -2.26 0.024 -2.778216 -.1975898

dage\_30 | -1.84703 .7222317 -2.56 0.011 -3.262729 -.4313304

b1832\_a29 | -.2695068 .3755856 -0.72 0.473 -1.00572 .466706

b1833\_a28 | .4628952 .5486897 0.84 0.399 -.6126317 1.538422

b1833\_a29 | .3211474 .452732 0.71 0.478 -.5662859 1.208581

b1834\_a27 | -.3652401 .5583731 -0.65 0.513 -1.459748 .729268

b1834\_a28 | .449735 .4756625 0.95 0.344 -.4826459 1.382116

b1834\_a29 | -.4709115 .45341 -1.04 0.299 -1.359674 .4178507

b1835\_a26 | -.678662 .5401039 -1.26 0.209 -1.737359 .3800352

b1835\_a27 | -.1753211 .4697123 -0.37 0.709 -1.096039 .7453965

b1835\_a28 | -.2674403 .4268943 -0.63 0.531 -1.104227 .5693466

b1836\_a25 | -1.029064 .513966 -2.00 0.045 -2.036526 -.0216011

b1836\_a26 | -.6394265 .4333921 -1.48 0.140 -1.48895 .2100972

b1836\_a27 | -.6371463 .404515 -1.58 0.115 -1.430066 .1557733

b1837\_a24 | -.0992826 .4832986 -0.21 0.837 -1.046632 .8480664

b1837\_a25 | -.1308303 .4220906 -0.31 0.757 -.958201 .6965405

b1837\_a26 | -.6295739 .3919494 -1.61 0.108 -1.397863 .1387149

b1838\_a23 | .1454711 .4669924 0.31 0.755 -.769915 1.060857

b1838\_a24 | .4110432 .4008332 1.03 0.305 -.3746594 1.196746

b1838\_a25 | -.2750319 .4030891 -0.68 0.495 -1.065156 .5150926

b1839\_a23 | .4550183 .3711405 1.23 0.220 -.2724815 1.182518

b1839\_a24 | .049652 .3488996 0.14 0.887 -.6342516 .7335556

b1840\_a23 | -.147708 .3455693 -0.43 0.669 -.8250838 .5296677

\_cons | 70.24355 .7412043 94.77 0.000 68.79067 71.69644

------------------------------------------------------------------------------

. test $More\_Eff

( 1) b1832\_a29 = 0

( 2) b1833\_a28 = 0

( 3) b1833\_a29 = 0

( 4) b1834\_a27 = 0

( 5) b1834\_a28 = 0

( 6) b1834\_a29 = 0

( 7) b1835\_a26 = 0

( 8) b1835\_a27 = 0

( 9) b1835\_a28 = 0

(10) b1836\_a25 = 0

(11) b1836\_a26 = 0

(12) b1836\_a27 = 0

(13) b1837\_a24 = 0

(14) b1837\_a25 = 0

(15) b1837\_a26 = 0

(16) b1838\_a23 = 0

(17) b1838\_a24 = 0

(18) b1838\_a25 = 0

(19) b1839\_a23 = 0

(20) b1839\_a24 = 0

(21) b1840\_a23 = 0

F( 21, 11332) = 1.84

Prob > F = 0.0106

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $MoreEff , robust

Linear regression Number of obs = 11372

F( 15, 11356) = 14.61

Prob > F = 0.0000

R-squared = 0.0183

Root MSE = 2.592

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | -.2772848 .2041265 -1.36 0.174 -.6774081 .1228385

by\_1833 | -.3964355 .1940946 -2.04 0.041 -.7768945 -.0159764

by\_1834 | -.1318271 .18836 -0.70 0.484 -.5010452 .237391

by\_1835 | -.1690607 .1854926 -0.91 0.362 -.5326583 .1945369

by\_1836 | -.1743554 .1856473 -0.94 0.348 -.5382562 .1895454

by\_1837 | -.1632599 .1844524 -0.89 0.376 -.5248185 .1982987

by\_1838 | -.3321807 .1825702 -1.82 0.069 -.6900497 .0256884

by\_1839 | -.3006816 .1920758 -1.57 0.118 -.6771834 .0758203

by\_1840 | -.1406934 .2057288 -0.68 0.494 -.5439574 .2625706

by\_1841 | -.2506055 .211393 -1.19 0.236 -.6649724 .1637613

by\_1842 | -.502275 .255955 -1.96 0.050 -1.003991 -.0005589

yr\_1862 | .0389085 .0665026 0.59 0.559 -.0914481 .169265

yr\_1863 | -.6357203 .1049172 -6.06 0.000 -.8413761 -.4300644

yr\_1864 | -.5785681 .0789276 -7.33 0.000 -.7332798 -.4238563

yr\_1865 | -.8482943 .1074288 -7.90 0.000 -1.058873 -.6377152

\_cons | 68.39653 .1664531 410.91 0.000 68.07025 68.7228

------------------------------------------------------------------------------

. test $YR\_dums

( 1) yr\_1862 = 0

( 2) yr\_1863 = 0

( 3) yr\_1864 = 0

( 4) yr\_1865 = 0

F( 4, 11356) = 33.90

Prob > F = 0.0000

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff , robust

Linear regression Number of obs = 11372

F( 39, 11332) = 6.21

Prob > F = 0.0000

R-squared = 0.0201

Root MSE = 2.5923

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | -.0709805 .4169698 -0.17 0.865 -.8883135 .7463526

by\_1833 | -.0066246 .513437 -0.01 0.990 -1.01305 .9998009

by\_1834 | .2202505 .4068429 0.54 0.588 -.5772321 1.017733

by\_1835 | .1698812 .3849845 0.44 0.659 -.5847552 .9245176

by\_1836 | .5689741 .4021109 1.41 0.157 -.219233 1.357181

by\_1837 | -.4912299 .3819967 -1.29 0.198 -1.24001 .2575498

by\_1838 | -.3162299 .199915 -1.58 0.114 -.708098 .0756382

by\_1839 | -.0218459 .3794129 -0.06 0.954 -.7655608 .7218691

by\_1840 | .2313891 .3495272 0.66 0.508 -.4537449 .9165231

by\_1841 | .0122762 .3556533 0.03 0.972 -.6848659 .7094182

by\_1842 | -.2702741 .3353193 -0.81 0.420 -.927558 .3870099

yr\_1862 | -.2165965 .3567613 -0.61 0.544 -.9159104 .4827174

yr\_1863 | -.9515443 .374204 -2.54 0.011 -1.685049 -.2180396

yr\_1864 | -.8549911 .3382095 -2.53 0.011 -1.51794 -.1920418

yr\_1865 | -1.080295 .2415631 -4.47 0.000 -1.553801 -.6067897

y1861\_b1832 | -.1269763 .4243076 -0.30 0.765 -.9586927 .7047401

y1861\_b1833 | -.4787163 .504212 -0.95 0.342 -1.467059 .5096265

y1861\_b1834 | -.3080256 .395703 -0.78 0.436 -1.083672 .4676209

y1861\_b1835 | -.3206078 .3703081 -0.87 0.387 -1.046476 .4052602

y1861\_b1836 | -.897915 .387552 -2.32 0.021 -1.657584 -.1382459

y1861\_b1837 | .432215 .3644323 1.19 0.236 -.2821354 1.146565

y1862\_b1833 | -.0546734 .5169738 -0.11 0.916 -1.068032 .9586849

y1862\_b1834 | -.1787268 .4054063 -0.44 0.659 -.9733933 .6159398

y1862\_b1835 | -.1268142 .3796845 -0.33 0.738 -.8710616 .6174332

y1862\_b1836 | -.4239027 .3988536 -1.06 0.288 -1.205725 .3579195

y1862\_b1837 | .566109 .3765352 1.50 0.133 -.1719653 1.304183

y1862\_b1838 | .2568646 .3548195 0.72 0.469 -.4386432 .9523724

y1863\_b1834 | -.0152313 .5049587 -0.03 0.976 -1.005038 .9745754

y1863\_b1835 | -.3862583 .4486039 -0.86 0.389 -1.2656 .4930831

y1863\_b1836 | -.2128185 .4638745 -0.46 0.646 -1.122093 .6964559

y1863\_b1837 | .6700918 .4523711 1.48 0.139 -.2166339 1.556818

y1863\_b1838 | .2545825 .4407633 0.58 0.564 -.60939 1.118555

y1863\_b1839 | .1042774 .4366009 0.24 0.811 -.751536 .9600909

y1864\_b1835 | .1338229 .3799199 0.35 0.725 -.610886 .8785318

y1864\_b1836 | -.5744982 .3931744 -1.46 0.144 -1.345188 .1961918

y1864\_b1837 | .6769687 .3725036 1.82 0.069 -.053203 1.40714

y1864\_b1838 | .3008397 .3515317 0.86 0.392 -.3882234 .9899028

y1864\_b1839 | -.0930826 .3614967 -0.26 0.797 -.8016787 .6155135

y1864\_b1840 | -.1741493 .3314283 -0.53 0.599 -.8238062 .4755077

\_cons | 68.39653 .1666292 410.47 0.000 68.0699 68.72315

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1861\_b1832 = 0

( 2) y1861\_b1833 = 0

( 3) y1861\_b1834 = 0

( 4) y1861\_b1835 = 0

( 5) y1861\_b1836 = 0

( 6) y1861\_b1837 = 0

( 7) y1862\_b1833 = 0

( 8) y1862\_b1834 = 0

( 9) y1862\_b1835 = 0

(10) y1862\_b1836 = 0

(11) y1862\_b1837 = 0

(12) y1862\_b1838 = 0

(13) y1863\_b1834 = 0

(14) y1863\_b1835 = 0

(15) y1863\_b1836 = 0

(16) y1863\_b1837 = 0

(17) y1863\_b1838 = 0

(18) y1863\_b1839 = 0

(19) y1864\_b1835 = 0

(20) y1864\_b1836 = 0

(21) y1864\_b1837 = 0

(22) y1864\_b1838 = 0

(23) y1864\_b1839 = 0

(24) y1864\_b1840 = 0

F( 24, 11332) = 0.90

Prob > F = 0.6060

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff , robust

Linear regression Number of obs = 11372

F( 39, 11332) = 6.21

Prob > F = 0.0000

R-squared = 0.0201

Root MSE = 2.5923

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | -.0709805 .4169698 -0.17 0.865 -.8883135 .7463526

by\_1833 | -.0066246 .513437 -0.01 0.990 -1.01305 .9998009

by\_1834 | .2202505 .4068429 0.54 0.588 -.5772321 1.017733

by\_1835 | .1698812 .3849845 0.44 0.659 -.5847552 .9245176

by\_1836 | .5689741 .4021109 1.41 0.157 -.219233 1.357181

by\_1837 | -.4912299 .3819967 -1.29 0.198 -1.24001 .2575498

by\_1838 | -.3162299 .199915 -1.58 0.114 -.708098 .0756382

by\_1839 | -.0218459 .3794129 -0.06 0.954 -.7655608 .7218691

by\_1840 | .2313891 .3495272 0.66 0.508 -.4537449 .9165231

by\_1841 | .0122762 .3556533 0.03 0.972 -.6848659 .7094182

by\_1842 | -.2702741 .3353193 -0.81 0.420 -.927558 .3870099

yr\_1862 | -.2165965 .3567613 -0.61 0.544 -.9159104 .4827174

yr\_1863 | -.9515443 .374204 -2.54 0.011 -1.685049 -.2180396

yr\_1864 | -.8549911 .3382095 -2.53 0.011 -1.51794 -.1920418

yr\_1865 | -1.080295 .2415631 -4.47 0.000 -1.553801 -.6067897

y1861\_b1832 | -.1269763 .4243076 -0.30 0.765 -.9586927 .7047401

y1861\_b1833 | -.4787163 .504212 -0.95 0.342 -1.467059 .5096265

y1861\_b1834 | -.3080256 .395703 -0.78 0.436 -1.083672 .4676209

y1861\_b1835 | -.3206078 .3703081 -0.87 0.387 -1.046476 .4052602

y1861\_b1836 | -.897915 .387552 -2.32 0.021 -1.657584 -.1382459

y1861\_b1837 | .432215 .3644323 1.19 0.236 -.2821354 1.146565

y1862\_b1833 | -.0546734 .5169738 -0.11 0.916 -1.068032 .9586849

y1862\_b1834 | -.1787268 .4054063 -0.44 0.659 -.9733933 .6159398

y1862\_b1835 | -.1268142 .3796845 -0.33 0.738 -.8710616 .6174332

y1862\_b1836 | -.4239027 .3988536 -1.06 0.288 -1.205725 .3579195

y1862\_b1837 | .566109 .3765352 1.50 0.133 -.1719653 1.304183

y1862\_b1838 | .2568646 .3548195 0.72 0.469 -.4386432 .9523724

y1863\_b1834 | -.0152313 .5049587 -0.03 0.976 -1.005038 .9745754

y1863\_b1835 | -.3862583 .4486039 -0.86 0.389 -1.2656 .4930831

y1863\_b1836 | -.2128185 .4638745 -0.46 0.646 -1.122093 .6964559

y1863\_b1837 | .6700918 .4523711 1.48 0.139 -.2166339 1.556818

y1863\_b1838 | .2545825 .4407633 0.58 0.564 -.60939 1.118555

y1863\_b1839 | .1042774 .4366009 0.24 0.811 -.751536 .9600909

y1864\_b1835 | .1338229 .3799199 0.35 0.725 -.610886 .8785318

y1864\_b1836 | -.5744982 .3931744 -1.46 0.144 -1.345188 .1961918

y1864\_b1837 | .6769687 .3725036 1.82 0.069 -.053203 1.40714

y1864\_b1838 | .3008397 .3515317 0.86 0.392 -.3882234 .9899028

y1864\_b1839 | -.0930826 .3614967 -0.26 0.797 -.8016787 .6155135

y1864\_b1840 | -.1741493 .3314283 -0.53 0.599 -.8238062 .4755077

\_cons | 68.39653 .1666292 410.47 0.000 68.0699 68.72315

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1861\_b1832 = 0

( 2) y1861\_b1833 = 0

( 3) y1861\_b1834 = 0

( 4) y1861\_b1835 = 0

( 5) y1861\_b1836 = 0

( 6) y1861\_b1837 = 0

( 7) y1862\_b1833 = 0

( 8) y1862\_b1834 = 0

( 9) y1862\_b1835 = 0

(10) y1862\_b1836 = 0

(11) y1862\_b1837 = 0

(12) y1862\_b1838 = 0

(13) y1863\_b1834 = 0

(14) y1863\_b1835 = 0

(15) y1863\_b1836 = 0

(16) y1863\_b1837 = 0

(17) y1863\_b1838 = 0

(18) y1863\_b1839 = 0

(19) y1864\_b1835 = 0

(20) y1864\_b1836 = 0

(21) y1864\_b1837 = 0

(22) y1864\_b1838 = 0

(23) y1864\_b1839 = 0

(24) y1864\_b1840 = 0

F( 24, 11332) = 0.90

Prob > F = 0.6060

.

**Appendix 2.2 Union Army Approach 2**

. reg height $BC\_dums $Age\_dums $MoreEff , robust

Linear regression Number of obs = 4315

F( 18, 4296) = 4.45

Prob > F = 0.0000

R-squared = 0.0169

Root MSE = 2.5495

------------------------------------------------------------------------------

| Robust

height | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | -.0680941 .3390494 -0.20 0.841 -.732806 .5966178

by\_1833 | -.0423085 .3672837 -0.12 0.908 -.7623743 .6777572

by\_1834 | -.5914475 .332102 -1.78 0.075 -1.242539 .059644

by\_1835 | -.584348 .3471656 -1.68 0.092 -1.264972 .0962757

by\_1836 | -.8132731 .363473 -2.24 0.025 -1.525868 -.1006784

by\_1837 | -1.132225 .3672843 -3.08 0.002 -1.852292 -.4121578

by\_1838 | -1.448336 .3775969 -3.84 0.000 -2.188621 -.7080507

by\_1839 | -1.353841 .3886646 -3.48 0.001 -2.115824 -.5918575

by\_1840 | -1.907911 .4002886 -4.77 0.000 -2.692683 -1.123139

by\_1841 | -1.969271 .4183497 -4.71 0.000 -2.789452 -1.149089

by\_1842 | -2.518543 .4862036 -5.18 0.000 -3.471753 -1.565333

dage\_24 | .0605852 .1583442 0.38 0.702 -.2498511 .3710215

dage\_25 | -.2979939 .1722587 -1.73 0.084 -.6357099 .0397221

dage\_26 | -.5060243 .1822405 -2.78 0.006 -.8633097 -.1487389

dage\_27 | -.610743 .2059414 -2.97 0.003 -1.014494 -.2069915

dage\_28 | -.7099423 .2295388 -3.09 0.002 -1.159957 -.2599277

dage\_29 | -1.193091 .2433432 -4.90 0.000 -1.670169 -.7160127

dage\_30 | -1.102727 .2744091 -4.02 0.000 -1.640711 -.5647434

\_cons | 69.54684 .3874273 179.51 0.000 68.78729 70.3064

------------------------------------------------------------------------------

. test $Age\_dums

( 1) dage\_24 = 0

( 2) dage\_25 = 0

( 3) dage\_26 = 0

( 4) dage\_27 = 0

( 5) dage\_28 = 0

( 6) dage\_29 = 0

( 7) dage\_30 = 0

F( 7, 4296) = 4.76

Prob > F = 0.0000

.

. reg height $BC\_dums $Age\_dums $More\_Eff , robust

Linear regression Number of obs = 4315

F( 39, 4275) = 3.45

Prob > F = 0.0000

R-squared = 0.0290

Root MSE = 2.54

------------------------------------------------------------------------------

| Robust

height | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | .0519453 .3600597 0.14 0.885 -.6539585 .7578492

by\_1833 | -1.227451 .8012579 -1.53 0.126 -2.798332 .3434304

by\_1834 | -.5632765 .3599837 -1.56 0.118 -1.269031 .1424783

by\_1835 | -.5985294 .4732133 -1.26 0.206 -1.526273 .3292143

by\_1836 | -.4855531 .646782 -0.75 0.453 -1.753582 .7824753

by\_1837 | -.994842 .7939871 -1.25 0.210 -2.551469 .5617849

by\_1838 | -2.458761 .9063479 -2.71 0.007 -4.235674 -.6818491

by\_1839 | -3.075591 1.003327 -3.07 0.002 -5.042633 -1.108548

by\_1840 | -4.396461 1.080213 -4.07 0.000 -6.51424 -2.278683

by\_1841 | -4.394897 1.144139 -3.84 0.000 -6.638004 -2.151789

by\_1842 | -4.805444 1.199807 -4.01 0.000 -7.157688 -2.453199

dage\_24 | .5006042 .3948747 1.27 0.205 -.2735552 1.274764

dage\_25 | -.5193152 .5418076 -0.96 0.338 -1.581539 .5429088

dage\_26 | -1.609218 .6881156 -2.34 0.019 -2.958282 -.2601546

dage\_27 | -3.06371 .819405 -3.74 0.000 -4.670169 -1.457251

dage\_28 | -3.147043 .924797 -3.40 0.001 -4.960125 -1.333961

dage\_29 | -3.66682 1.032755 -3.55 0.000 -5.691557 -1.642083

dage\_30 | -3.389628 1.130333 -3.00 0.003 -5.605667 -1.173589

b1832\_a29 | -.1007391 .589818 -0.17 0.864 -1.257089 1.05561

b1833\_a28 | 1.347121 1.017554 1.32 0.186 -.6478135 3.342056

b1833\_a29 | 1.498502 .9065366 1.65 0.098 -.2787799 3.275785

b1834\_a27 | .3182407 .8461492 0.38 0.707 -1.340651 1.977132

b1834\_a28 | -.1158502 .7219024 -0.16 0.873 -1.531154 1.299453

b1834\_a29 | .9110568 .6499423 1.40 0.161 -.3631675 2.185281

b1835\_a26 | -1.580565 .8377906 -1.89 0.059 -3.223069 .0619399

b1835\_a27 | .488342 .6957125 0.70 0.483 -.8756155 1.8523

b1835\_a28 | .7902053 .6811833 1.16 0.246 -.5452675 2.125678

b1836\_a25 | -2.802473 .8259031 -3.39 0.001 -4.421671 -1.183274

b1836\_a26 | -1.226063 .7017802 -1.75 0.081 -2.601917 .1497902

b1836\_a27 | -.6654351 .6573 -1.01 0.311 -1.954084 .623214

b1837\_a24 | -3.136191 .7736002 -4.05 0.000 -4.652849 -1.619533

b1837\_a25 | -1.909115 .6809035 -2.80 0.005 -3.244039 -.574191

b1837\_a26 | -1.38758 .6292771 -2.21 0.028 -2.62129 -.15387

b1838\_a23 | -1.083819 .7473231 -1.45 0.147 -2.548961 .3813216

b1838\_a24 | -1.730006 .6342769 -2.73 0.006 -2.973518 -.486494

b1838\_a25 | -1.187565 .6803254 -1.75 0.081 -2.521356 .1462256

b1839\_a23 | -.626137 .6068427 -1.03 0.302 -1.815864 .5635896

b1839\_a24 | -.8387587 .757847 -1.11 0.268 -2.324532 .6470148

b1840\_a23 | -.081034 .6350407 -0.13 0.898 -1.326043 1.163975

\_cons | 71.83375 1.163108 61.76 0.000 69.55345 74.11404

------------------------------------------------------------------------------

. test $More\_Eff

( 1) b1832\_a29 = 0

( 2) b1833\_a28 = 0

( 3) b1833\_a29 = 0

( 4) b1834\_a27 = 0

( 5) b1834\_a28 = 0

( 6) b1834\_a29 = 0

( 7) b1835\_a26 = 0

( 8) b1835\_a27 = 0

( 9) b1835\_a28 = 0

(10) b1836\_a25 = 0

(11) b1836\_a26 = 0

(12) b1836\_a27 = 0

(13) b1837\_a24 = 0

(14) b1837\_a25 = 0

(15) b1837\_a26 = 0

(16) b1838\_a23 = 0

(17) b1838\_a24 = 0

(18) b1838\_a25 = 0

(19) b1839\_a23 = 0

(20) b1839\_a24 = 0

(21) b1840\_a23 = 0

F( 21, 4275) = 2.55

Prob > F = 0.0001

. xi: reg height i.used\_byear $En\_dums ,robust

i.used\_byear \_Iused\_byea\_1831-1842(naturally coded; \_Iused\_byea\_1831 omitted)

Linear regression Number of obs = 4315

F( 15, 4299) = 5.47

Prob > F = 0.0000

R-squared = 0.0177

Root MSE = 2.5475

----------------------------------------------------------------------------------

| Robust

height | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-----------------+----------------------------------------------------------------

\_Iused\_byea\_1832 | -.1407972 .3339388 -0.42 0.673 -.7954896 .5138952

\_Iused\_byea\_1833 | .0564358 .3165983 0.18 0.859 -.5642603 .6771319

\_Iused\_byea\_1834 | -.2087642 .3093754 -0.67 0.500 -.8152995 .3977711

\_Iused\_byea\_1835 | -.0962135 .3031454 -0.32 0.751 -.6905348 .4981078

\_Iused\_byea\_1836 | -.1268291 .3029632 -0.42 0.676 -.7207933 .4671352

\_Iused\_byea\_1837 | -.1870576 .299382 -0.62 0.532 -.7740008 .3998856

\_Iused\_byea\_1838 | -.3527548 .2972137 -1.19 0.235 -.9354471 .2299374

\_Iused\_byea\_1839 | -.2212268 .3125562 -0.71 0.479 -.8339982 .3915445

\_Iused\_byea\_1840 | -.376786 .3324684 -1.13 0.257 -1.028596 .2750235

\_Iused\_byea\_1841 | -.3353743 .3487303 -0.96 0.336 -1.019065 .348317

\_Iused\_byea\_1842 | -.5698604 .4355194 -1.31 0.191 -1.423703 .2839824

EnYr\_1862 | .0600484 .1047944 0.57 0.567 -.1454028 .2654995

EnYr\_1863 | -.2752395 .1957663 -1.41 0.160 -.6590425 .1085636

EnYr\_1864 | -.3583364 .1265554 -2.83 0.005 -.6064503 -.1102225

EnYr\_1865 | -.8459554 .1693989 -4.99 0.000 -1.178065 -.5138461

\_cons | 68.44412 .2733996 250.34 0.000 67.90811 68.98012

----------------------------------------------------------------------------------

. display in red " APPROACH: `approach'"

APPROACH: 2

. test $En\_dums

( 1) EnYr\_1862 = 0

( 2) EnYr\_1863 = 0

( 3) EnYr\_1864 = 0

( 4) EnYr\_1865 = 0

F( 4, 4299) = 9.15

Prob > F = 0.0000

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $MoreEff , robust

Linear regression Number of obs = 4315

F( 15, 4299) = 5.47

Prob > F = 0.0000

R-squared = 0.0177

Root MSE = 2.5475

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | -.1407972 .3339388 -0.42 0.673 -.7954896 .5138952

by\_1833 | .0564358 .3165983 0.18 0.859 -.5642603 .6771319

by\_1834 | -.2087642 .3093754 -0.67 0.500 -.8152995 .3977711

by\_1835 | -.0962135 .3031454 -0.32 0.751 -.6905348 .4981078

by\_1836 | -.1268291 .3029632 -0.42 0.676 -.7207933 .4671352

by\_1837 | -.1870576 .299382 -0.62 0.532 -.7740008 .3998856

by\_1838 | -.3527548 .2972137 -1.19 0.235 -.9354471 .2299374

by\_1839 | -.2212268 .3125562 -0.71 0.479 -.8339982 .3915445

by\_1840 | -.376786 .3324684 -1.13 0.257 -1.028596 .2750235

by\_1841 | -.3353743 .3487303 -0.96 0.336 -1.019065 .348317

by\_1842 | -.5698604 .4355194 -1.31 0.191 -1.423703 .2839824

yr\_1862 | .0600484 .1047944 0.57 0.567 -.1454028 .2654995

yr\_1863 | -.2752395 .1957663 -1.41 0.160 -.6590425 .1085636

yr\_1864 | -.3583364 .1265554 -2.83 0.005 -.6064503 -.1102225

yr\_1865 | -.8459554 .1693989 -4.99 0.000 -1.178065 -.5138461

\_cons | 68.44412 .2733996 250.34 0.000 67.90811 68.98012

------------------------------------------------------------------------------

. test $YR\_dums

( 1) yr\_1862 = 0

( 2) yr\_1863 = 0

( 3) yr\_1864 = 0

( 4) yr\_1865 = 0

F( 4, 4299) = 9.15

Prob > F = 0.0000

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff , robust

Linear regression Number of obs = 4315

F( 39, 4275) = 3.45

Prob > F = 0.0000

R-squared = 0.0290

Root MSE = 2.54

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | 1.048754 .6680626 1.57 0.117 -.2609954 2.358504

by\_1833 | .3141579 1.06496 0.29 0.768 -1.773717 2.402033

by\_1834 | 1.917218 .6728483 2.85 0.004 .5980859 3.23635

by\_1835 | 1.381361 .625413 2.21 0.027 .1552267 2.607495

by\_1836 | 1.217145 .6119387 1.99 0.047 .0174276 2.416862

by\_1837 | 1.227633 .6125547 2.00 0.045 .0267079 2.428558

by\_1838 | -.152953 .3198529 -0.48 0.633 -.7800307 .4741247

by\_1839 | .6847087 .6080519 1.13 0.260 -.5073887 1.876806

by\_1840 | .4537413 .5915865 0.77 0.443 -.7060753 1.613558

by\_1841 | 1.475226 .5954321 2.48 0.013 .3078697 2.642582

by\_1842 | .5640744 .5736684 0.98 0.326 -.5606135 1.688762

yr\_1862 | -.9968088 .5627297 -1.77 0.077 -2.100051 .1064335

yr\_1863 | -1.541609 .7015168 -2.20 0.028 -2.916946 -.1662718

yr\_1864 | -2.480494 .5684511 -4.36 0.000 -3.594954 -1.366035

yr\_1865 | -1.97989 .4089139 -4.84 0.000 -2.781574 -1.178207

y1861\_b1832 | -1.37474 .6734103 -2.04 0.041 -2.694974 -.0545062

y1861\_b1833 | .048097 1.051256 0.05 0.964 -2.012911 2.109105

y1861\_b1834 | -1.836335 .6579341 -2.79 0.005 -3.126228 -.5464431

y1861\_b1835 | -1.780045 .6020649 -2.96 0.003 -2.960405 -.5996856

y1861\_b1836 | -1.634858 .5835075 -2.80 0.005 -2.778836 -.4908806

y1861\_b1837 | -1.468434 .5762255 -2.55 0.011 -2.598135 -.3387334

y1862\_b1833 | .6765103 1.041686 0.65 0.516 -1.365735 2.718755

y1862\_b1834 | -1.356951 .6357046 -2.13 0.033 -2.603262 -.11064

y1862\_b1835 | -.1688211 .5698859 -0.30 0.767 -1.286093 .948451

y1862\_b1836 | -.1515431 .5595102 -0.27 0.787 -1.248474 .9453873

y1862\_b1837 | -.2644689 .5630995 -0.47 0.639 -1.368436 .8394984

y1862\_b1838 | .8512264 .5624999 1.51 0.130 -.2515654 1.954018

y1863\_b1834 | -.3050207 .8319842 -0.37 0.714 -1.936142 1.3261

y1863\_b1835 | .5945089 .814893 0.73 0.466 -1.003104 2.192122

y1863\_b1836 | -.5006062 .7911903 -0.63 0.527 -2.05175 1.050537

y1863\_b1837 | -.2880365 .777721 -0.37 0.711 -1.812773 1.2367

y1863\_b1838 | .9185477 .8306818 1.11 0.269 -.7100198 2.547115

y1863\_b1839 | .8327826 .9145324 0.91 0.363 -.9601756 2.625741

y1864\_b1835 | .2234122 .6058008 0.37 0.712 -.9642719 1.411096

y1864\_b1836 | 1.020381 .6060201 1.68 0.092 -.1677329 2.208495

y1864\_b1837 | .5839375 .5828816 1.00 0.316 -.5588129 1.726688

y1864\_b1838 | 1.955095 .5948508 3.29 0.001 .7888791 3.121312

y1864\_b1839 | 1.590507 .5795461 2.74 0.006 .4542962 2.726718

y1864\_b1840 | 1.520524 .5418076 2.81 0.005 .4582996 2.582748

\_cons | 68.44412 .274166 249.64 0.000 67.90661 68.98163

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1861\_b1832 = 0

( 2) y1861\_b1833 = 0

( 3) y1861\_b1834 = 0

( 4) y1861\_b1835 = 0

( 5) y1861\_b1836 = 0

( 6) y1861\_b1837 = 0

( 7) y1862\_b1833 = 0

( 8) y1862\_b1834 = 0

( 9) y1862\_b1835 = 0

(10) y1862\_b1836 = 0

(11) y1862\_b1837 = 0

(12) y1862\_b1838 = 0

(13) y1863\_b1834 = 0

(14) y1863\_b1835 = 0

(15) y1863\_b1836 = 0

(16) y1863\_b1837 = 0

(17) y1863\_b1838 = 0

(18) y1863\_b1839 = 0

(19) y1864\_b1835 = 0

(20) y1864\_b1836 = 0

(21) y1864\_b1837 = 0

(22) y1864\_b1838 = 0

(23) y1864\_b1839 = 0

(24) y1864\_b1840 = 0

F( 24, 4275) = 2.07

Prob > F = 0.0017

**Appendix 2.3 Union Army Approach 3**

. reg height $BC\_dums $Age\_dums $MoreEff , robust

Linear regression Number of obs = 2227

F( 18, 2208) = 1.94

Prob > F = 0.0100

R-squared = 0.0142

Root MSE = 2.5446

------------------------------------------------------------------------------

| Robust

height | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | -.3450351 .5358103 -0.64 0.520 -1.39578 .7057096

by\_1833 | -.6060801 .5795971 -1.05 0.296 -1.742693 .5305324

by\_1834 | -.5527371 .5227132 -1.06 0.290 -1.577798 .4723239

by\_1835 | -.579005 .5431552 -1.07 0.287 -1.644154 .4861436

by\_1836 | -.6327749 .5679061 -1.11 0.265 -1.746461 .4809112

by\_1837 | -.8865725 .5717541 -1.55 0.121 -2.007805 .2346596

by\_1838 | -1.488539 .58381 -2.55 0.011 -2.633413 -.3436649

by\_1839 | -1.438139 .598405 -2.40 0.016 -2.611634 -.2646431

by\_1840 | -1.77317 .6068044 -2.92 0.004 -2.963137 -.583203

by\_1841 | -1.635439 .6304866 -2.59 0.010 -2.871848 -.3990301

by\_1842 | -2.329422 .7231475 -3.22 0.001 -3.747543 -.911302

dage\_24 | -.0804042 .2183627 -0.37 0.713 -.5086219 .3478135

dage\_25 | -.3073583 .2403482 -1.28 0.201 -.7786905 .1639738

dage\_26 | -.708114 .2519609 -2.81 0.005 -1.202219 -.2140089

dage\_27 | -.7224797 .2882813 -2.51 0.012 -1.287811 -.1571488

dage\_28 | -.6267432 .3316177 -1.89 0.059 -1.277059 .023572

dage\_29 | -.775301 .3556011 -2.18 0.029 -1.472649 -.0779535

dage\_30 | -1.153652 .3801049 -3.04 0.002 -1.899053 -.4082517

\_cons | 69.63895 .596428 116.76 0.000 68.46933 70.80856

------------------------------------------------------------------------------

. test $Age\_dums

( 1) dage\_24 = 0

( 2) dage\_25 = 0

( 3) dage\_26 = 0

( 4) dage\_27 = 0

( 5) dage\_28 = 0

( 6) dage\_29 = 0

( 7) dage\_30 = 0

F( 7, 2208) = 2.06

Prob > F = 0.0445

.

. reg height $BC\_dums $Age\_dums $More\_Eff , robust

Linear regression Number of obs = 2227

F( 39, 2187) = 1.78

Prob > F = 0.0021

R-squared = 0.0290

Root MSE = 2.5375

------------------------------------------------------------------------------

| Robust

height | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | -.2769608 .5606147 -0.49 0.621 -1.376354 .8224323

by\_1833 | -2.913866 1.092911 -2.67 0.008 -5.057119 -.7706125

by\_1834 | -.4774816 .5536256 -0.86 0.389 -1.563169 .6082055

by\_1835 | -.2214052 .6411463 -0.35 0.730 -1.478725 1.035914

by\_1836 | .4434938 .9641631 0.46 0.646 -1.447278 2.334265

by\_1837 | .3788661 1.222755 0.31 0.757 -2.019017 2.77675

by\_1838 | -1.771914 1.354324 -1.31 0.191 -4.427811 .8839824

by\_1839 | -2.393948 1.484154 -1.61 0.107 -5.304447 .5165503

by\_1840 | -3.553207 1.572388 -2.26 0.024 -6.636737 -.4696775

by\_1841 | -3.574353 1.670926 -2.14 0.033 -6.851121 -.2975845

by\_1842 | -4.216049 1.737515 -2.43 0.015 -7.623401 -.8086961

dage\_24 | .1018108 .5718947 0.18 0.859 -1.019703 1.223325

dage\_25 | -.8306984 .7446309 -1.12 0.265 -2.290956 .6295596

dage\_26 | -1.931624 .9555142 -2.02 0.043 -3.805435 -.0578138

dage\_27 | -3.79212 1.119182 -3.39 0.001 -5.986892 -1.597348

dage\_28 | -3.766939 1.321215 -2.85 0.004 -6.357905 -1.175972

dage\_29 | -3.298612 1.510968 -2.18 0.029 -6.261695 -.3355282

dage\_30 | -3.040278 1.623842 -1.87 0.061 -6.224712 .1441552

b1832\_a29 | .4285714 .7879926 0.54 0.587 -1.116721 1.973864

b1833\_a28 | 3.733357 1.399213 2.67 0.008 .9894306 6.477283

b1833\_a29 | 3.069841 1.206213 2.55 0.011 .7043983 5.435284

b1834\_a27 | 1.291199 1.260337 1.02 0.306 -1.180384 3.762782

b1834\_a28 | 1.008554 1.029994 0.98 0.328 -1.011316 3.028423

b1834\_a29 | .5505208 .7937885 0.69 0.488 -1.006137 2.107179

b1835\_a26 | -1.482088 1.279539 -1.16 0.247 -3.991328 1.027151

b1835\_a27 | 1.078862 1.106989 0.97 0.330 -1.091998 3.249721

b1835\_a28 | 1.646982 1.06546 1.55 0.122 -.4424372 3.736401

b1836\_a25 | -2.58118 1.198789 -2.15 0.031 -4.932065 -.2302953

b1836\_a26 | -1.658205 1.031713 -1.61 0.108 -3.681444 .3650351

b1836\_a27 | .1480535 .9930943 0.15 0.882 -1.799453 2.09556

b1837\_a24 | -3.514827 1.045062 -3.36 0.001 -5.564244 -1.46541

b1837\_a25 | -2.535697 .9333296 -2.72 0.007 -4.366002 -.7053913

b1837\_a26 | -1.722814 .841668 -2.05 0.041 -3.373367 -.0722619

b1838\_a23 | -1.417484 1.035084 -1.37 0.171 -3.447334 .6123662

b1838\_a24 | -1.784999 .8566415 -2.08 0.037 -3.464915 -.1050829

b1838\_a25 | -2.188585 1.226312 -1.78 0.074 -4.593443 .2162733

b1839\_a23 | -.97091 .8300006 -1.17 0.242 -2.598582 .656762

b1839\_a24 | -1.920935 1.099867 -1.75 0.081 -4.077829 .2359583

b1840\_a23 | -.6806984 .8410509 -0.81 0.418 -2.330041 .9686439

\_cons | 71.52557 1.688235 42.37 0.000 68.21486 74.83628

------------------------------------------------------------------------------

. display in red " APPROACH: `approach'"

APPROACH: 3

. test $More\_Eff

( 1) b1832\_a29 = 0

( 2) b1833\_a28 = 0

( 3) b1833\_a29 = 0

( 4) b1834\_a27 = 0

( 5) b1834\_a28 = 0

( 6) b1834\_a29 = 0

( 7) b1835\_a26 = 0

( 8) b1835\_a27 = 0

( 9) b1835\_a28 = 0

(10) b1836\_a25 = 0

(11) b1836\_a26 = 0

(12) b1836\_a27 = 0

(13) b1837\_a24 = 0

(14) b1837\_a25 = 0

(15) b1837\_a26 = 0

(16) b1838\_a23 = 0

(17) b1838\_a24 = 0

(18) b1838\_a25 = 0

(19) b1839\_a23 = 0

(20) b1839\_a24 = 0

(21) b1840\_a23 = 0

F( 21, 2187) = 1.57

Prob > F = 0.0473

. xi: reg height i.used\_byear $En\_dums ,robust

i.used\_byear \_Iused\_byea\_1831-1842(naturally coded; \_Iused\_byea\_1831 omitted)

Linear regression Number of obs = 2227

F( 15, 2211) = 2.20

Prob > F = 0.0048

R-squared = 0.0140

Root MSE = 2.5431

----------------------------------------------------------------------------------

| Robust

height | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-----------------+----------------------------------------------------------------

\_Iused\_byea\_1832 | -.1740097 .5310985 -0.33 0.743 -1.215514 .8674945

\_Iused\_byea\_1833 | -.1194014 .5183967 -0.23 0.818 -1.135997 .897194

\_Iused\_byea\_1834 | -.0642101 .4996412 -0.13 0.898 -1.044025 .9156051

\_Iused\_byea\_1835 | .0130361 .4971565 0.03 0.979 -.9619064 .9879786

\_Iused\_byea\_1836 | .1034056 .4931095 0.21 0.834 -.8636005 1.070412

\_Iused\_byea\_1837 | .0785724 .4909551 0.16 0.873 -.8842089 1.041354

\_Iused\_byea\_1838 | -.390177 .4876121 -0.80 0.424 -1.346403 .5660486

\_Iused\_byea\_1839 | -.206204 .5053591 -0.41 0.683 -1.197232 .7848241

\_Iused\_byea\_1840 | -.2772034 .5241825 -0.53 0.597 -1.305145 .750738

\_Iused\_byea\_1841 | -.049737 .5397632 -0.09 0.927 -1.108233 1.008759

\_Iused\_byea\_1842 | -.3910388 .6623441 -0.59 0.555 -1.68992 .9078428

EnYr\_1862 | -.0702422 .1460511 -0.48 0.631 -.3566539 .2161695

EnYr\_1863 | -.5535834 .2879904 -1.92 0.055 -1.118343 .0111766

EnYr\_1864 | -.3224748 .1785809 -1.81 0.071 -.6726787 .0277291

EnYr\_1865 | -.7847315 .2464765 -3.18 0.001 -1.268081 -.3013819

\_cons | 68.48529 .4593038 149.11 0.000 67.58458 69.38601

----------------------------------------------------------------------------------

. display in red " APPROACH: `approach'"

APPROACH: 3

. test $En\_dums

( 1) EnYr\_1862 = 0

( 2) EnYr\_1863 = 0

( 3) EnYr\_1864 = 0

( 4) EnYr\_1865 = 0

F( 4, 2211) = 3.32

Prob > F = 0.0101

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $MoreEff , robust

Linear regression Number of obs = 2227

F( 15, 2211) = 2.20

Prob > F = 0.0048

R-squared = 0.0140

Root MSE = 2.5431

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | -.1740097 .5310985 -0.33 0.743 -1.215514 .8674945

by\_1833 | -.1194014 .5183967 -0.23 0.818 -1.135997 .897194

by\_1834 | -.0642101 .4996412 -0.13 0.898 -1.044025 .9156051

by\_1835 | .0130361 .4971565 0.03 0.979 -.9619064 .9879786

by\_1836 | .1034056 .4931095 0.21 0.834 -.8636005 1.070412

by\_1837 | .0785724 .4909551 0.16 0.873 -.8842089 1.041354

by\_1838 | -.390177 .4876121 -0.80 0.424 -1.346403 .5660486

by\_1839 | -.206204 .5053591 -0.41 0.683 -1.197232 .7848241

by\_1840 | -.2772034 .5241825 -0.53 0.597 -1.305145 .750738

by\_1841 | -.049737 .5397632 -0.09 0.927 -1.108233 1.008759

by\_1842 | -.3910388 .6623441 -0.59 0.555 -1.68992 .9078428

yr\_1862 | -.0702422 .1460511 -0.48 0.631 -.3566539 .2161695

yr\_1863 | -.5535834 .2879904 -1.92 0.055 -1.118343 .0111766

yr\_1864 | -.3224748 .1785809 -1.81 0.071 -.6726787 .0277291

yr\_1865 | -.7847315 .2464765 -3.18 0.001 -1.268081 -.3013819

\_cons | 68.48529 .4593038 149.11 0.000 67.58458 69.38601

------------------------------------------------------------------------------

. test $YR\_dums

( 1) yr\_1862 = 0

( 2) yr\_1863 = 0

( 3) yr\_1864 = 0

( 4) yr\_1865 = 0

F( 4, 2211) = 3.32

Prob > F = 0.0101

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff , robust

Linear regression Number of obs = 2227

F( 39, 2187) = 1.78

Prob > F = 0.0021

R-squared = 0.0290

Root MSE = 2.5375

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | 1.136961 .9557354 1.19 0.234 -.7372835 3.011205

by\_1833 | -.6892298 1.411705 -0.49 0.625 -3.457654 2.079194

by\_1834 | 1.998965 .9621056 2.08 0.038 .1122284 3.885701

by\_1835 | 2.153231 .8385409 2.57 0.010 .5088105 3.797651

by\_1836 | 2.559796 .9315882 2.75 0.006 .7329058 4.386687

by\_1837 | 2.026842 .9465511 2.14 0.032 .1706082 3.883075

by\_1838 | -.1491199 .5183924 -0.29 0.774 -1.165713 .8674732

by\_1839 | 1.089342 .878032 1.24 0.215 -.6325223 2.811206

by\_1840 | 1.031008 .8258929 1.25 0.212 -.5886083 2.650625

by\_1841 | 1.942372 .8799308 2.21 0.027 .2167843 3.66796

by\_1842 | 1.198865 .821084 1.46 0.144 -.4113208 2.809052

yr\_1862 | -1.413921 .7740422 -1.83 0.068 -2.931856 .1040134

yr\_1863 | -2.224636 .8935642 -2.49 0.013 -3.976959 -.4723123

yr\_1864 | -2.476447 .7868583 -3.15 0.002 -4.019514 -.9333787

yr\_1865 | -2.374636 .5404464 -4.39 0.000 -3.434478 -1.314794

y1861\_b1832 | -1.243683 .9307187 -1.34 0.182 -3.068869 .5815018

y1861\_b1833 | .7820606 1.36565 0.57 0.567 -1.896047 3.460168

y1861\_b1834 | -1.937089 .9073603 -2.13 0.033 -3.716468 -.157711

y1861\_b1835 | -2.74807 .7752648 -3.54 0.000 -4.268403 -1.227738

y1861\_b1836 | -2.487903 .8518371 -2.92 0.004 -4.158397 -.8174083

y1861\_b1837 | -2.020713 .864231 -2.34 0.019 -3.715513 -.3259138

y1862\_b1833 | 2.000794 1.383672 1.45 0.148 -.7126545 4.714242

y1862\_b1834 | -.7806317 .8965248 -0.87 0.384 -2.538761 .9774976

y1862\_b1835 | -.6336941 .7374128 -0.86 0.390 -2.079797 .8124088

y1862\_b1836 | -1.251932 .8523325 -1.47 0.142 -2.923398 .4195345

y1862\_b1837 | -.5601708 .8764896 -0.64 0.523 -2.27901 1.158668

y1862\_b1838 | 1.148217 .7672296 1.50 0.135 -.3563581 2.652792

y1863\_b1834 | .0403767 1.053424 0.04 0.969 -2.02544 2.106193

y1863\_b1835 | .7703216 1.070473 0.72 0.472 -1.328928 2.869572

y1863\_b1836 | -.4954545 1.089566 -0.45 0.649 -2.632146 1.641237

y1863\_b1837 | -.0375 1.078602 -0.03 0.972 -2.152692 2.077692

y1863\_b1838 | .6228365 1.336179 0.47 0.641 -1.997477 3.24315

y1863\_b1839 | -.0375 1.288916 -0.03 0.977 -2.565127 2.490127

y1864\_b1835 | -.1565225 .8251666 -0.19 0.850 -1.774715 1.46167

y1864\_b1836 | -.3665161 .9297749 -0.39 0.693 -2.18985 1.456818

y1864\_b1837 | .0766296 .9055949 0.08 0.933 -1.699287 1.852546

y1864\_b1838 | 1.962306 .8164713 2.40 0.016 .3611657 3.563447

y1864\_b1839 | 1.202737 .8280071 1.45 0.146 -.4210261 2.8265

y1864\_b1840 | 1.03432 .7446309 1.39 0.165 -.425938 2.494578

\_cons | 68.48529 .4618171 148.30 0.000 67.57965 69.39094

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1861\_b1832 = 0

( 2) y1861\_b1833 = 0

( 3) y1861\_b1834 = 0

( 4) y1861\_b1835 = 0

( 5) y1861\_b1836 = 0

( 6) y1861\_b1837 = 0

( 7) y1862\_b1833 = 0

( 8) y1862\_b1834 = 0

( 9) y1862\_b1835 = 0

(10) y1862\_b1836 = 0

(11) y1862\_b1837 = 0

(12) y1862\_b1838 = 0

(13) y1863\_b1834 = 0

(14) y1863\_b1835 = 0

(15) y1863\_b1836 = 0

(16) y1863\_b1837 = 0

(17) y1863\_b1838 = 0

(18) y1863\_b1839 = 0

(19) y1864\_b1835 = 0

(20) y1864\_b1836 = 0

(21) y1864\_b1837 = 0

(22) y1864\_b1838 = 0

(23) y1864\_b1839 = 0

(24) y1864\_b1840 = 0

F( 24, 2187) = 1.37

Prob > F = 0.1068

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff , robust

Linear regression Number of obs = 2227

F( 39, 2187) = 1.78

Prob > F = 0.0021

R-squared = 0.0290

Root MSE = 2.5375

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1832 | 1.136961 .9557354 1.19 0.234 -.7372835 3.011205

by\_1833 | -.6892298 1.411705 -0.49 0.625 -3.457654 2.079194

by\_1834 | 1.998965 .9621056 2.08 0.038 .1122284 3.885701

by\_1835 | 2.153231 .8385409 2.57 0.010 .5088105 3.797651

by\_1836 | 2.559796 .9315882 2.75 0.006 .7329058 4.386687

by\_1837 | 2.026842 .9465511 2.14 0.032 .1706082 3.883075

by\_1838 | -.1491199 .5183924 -0.29 0.774 -1.165713 .8674732

by\_1839 | 1.089342 .878032 1.24 0.215 -.6325223 2.811206

by\_1840 | 1.031008 .8258929 1.25 0.212 -.5886083 2.650625

by\_1841 | 1.942372 .8799308 2.21 0.027 .2167843 3.66796

by\_1842 | 1.198865 .821084 1.46 0.144 -.4113208 2.809052

yr\_1862 | -1.413921 .7740422 -1.83 0.068 -2.931856 .1040134

yr\_1863 | -2.224636 .8935642 -2.49 0.013 -3.976959 -.4723123

yr\_1864 | -2.476447 .7868583 -3.15 0.002 -4.019514 -.9333787

yr\_1865 | -2.374636 .5404464 -4.39 0.000 -3.434478 -1.314794

y1861\_b1832 | -1.243683 .9307187 -1.34 0.182 -3.068869 .5815018

y1861\_b1833 | .7820606 1.36565 0.57 0.567 -1.896047 3.460168

y1861\_b1834 | -1.937089 .9073603 -2.13 0.033 -3.716468 -.157711

y1861\_b1835 | -2.74807 .7752648 -3.54 0.000 -4.268403 -1.227738

y1861\_b1836 | -2.487903 .8518371 -2.92 0.004 -4.158397 -.8174083

y1861\_b1837 | -2.020713 .864231 -2.34 0.019 -3.715513 -.3259138

y1862\_b1833 | 2.000794 1.383672 1.45 0.148 -.7126545 4.714242

y1862\_b1834 | -.7806317 .8965248 -0.87 0.384 -2.538761 .9774976

y1862\_b1835 | -.6336941 .7374128 -0.86 0.390 -2.079797 .8124088

y1862\_b1836 | -1.251932 .8523325 -1.47 0.142 -2.923398 .4195345

y1862\_b1837 | -.5601708 .8764896 -0.64 0.523 -2.27901 1.158668

y1862\_b1838 | 1.148217 .7672296 1.50 0.135 -.3563581 2.652792

y1863\_b1834 | .0403767 1.053424 0.04 0.969 -2.02544 2.106193

y1863\_b1835 | .7703216 1.070473 0.72 0.472 -1.328928 2.869572

y1863\_b1836 | -.4954545 1.089566 -0.45 0.649 -2.632146 1.641237

y1863\_b1837 | -.0375 1.078602 -0.03 0.972 -2.152692 2.077692

y1863\_b1838 | .6228365 1.336179 0.47 0.641 -1.997477 3.24315

y1863\_b1839 | -.0375 1.288916 -0.03 0.977 -2.565127 2.490127

y1864\_b1835 | -.1565225 .8251666 -0.19 0.850 -1.774715 1.46167

y1864\_b1836 | -.3665161 .9297749 -0.39 0.693 -2.18985 1.456818

y1864\_b1837 | .0766296 .9055949 0.08 0.933 -1.699287 1.852546

y1864\_b1838 | 1.962306 .8164713 2.40 0.016 .3611657 3.563447

y1864\_b1839 | 1.202737 .8280071 1.45 0.146 -.4210261 2.8265

y1864\_b1840 | 1.03432 .7446309 1.39 0.165 -.425938 2.494578

\_cons | 68.48529 .4618171 148.30 0.000 67.57965 69.39094

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1861\_b1832 = 0

( 2) y1861\_b1833 = 0

( 3) y1861\_b1834 = 0

( 4) y1861\_b1835 = 0

( 5) y1861\_b1836 = 0

( 6) y1861\_b1837 = 0

( 7) y1862\_b1833 = 0

( 8) y1862\_b1834 = 0

( 9) y1862\_b1835 = 0

(10) y1862\_b1836 = 0

(11) y1862\_b1837 = 0

(12) y1862\_b1838 = 0

(13) y1863\_b1834 = 0

(14) y1863\_b1835 = 0

(15) y1863\_b1836 = 0

(16) y1863\_b1837 = 0

(17) y1863\_b1838 = 0

(18) y1863\_b1839 = 0

(19) y1864\_b1835 = 0

(20) y1864\_b1836 = 0

(21) y1864\_b1837 = 0

(22) y1864\_b1838 = 0

(23) y1864\_b1839 = 0

(24) y1864\_b1840 = 0

F( 24, 2187) = 1.37

Prob > F = 0.1068

**Appendix 2.4 British Army**

. reg HEIGHT $OTHER\_Vars $BC\_dums $Age\_dums $MoreEff , robust

Linear regression Number of obs = 5879

F(119, 5759) = 6.14

Prob > F = 0.0000

R-squared = 0.0913

Root MSE = 1.3721

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1734 | -.2449489 .543663 -0.45 0.652 -1.310733 .8208349

by\_1735 | .1946326 .6488937 0.30 0.764 -1.077443 1.466708

by\_1736 | -.1197859 .5775999 -0.21 0.836 -1.252099 1.012527

by\_1737 | -.0347527 .5854316 -0.06 0.953 -1.182419 1.112913

by\_1739 | .1681528 .5727314 0.29 0.769 -.9546161 1.290922

by\_1740 | .2534041 .5613297 0.45 0.652 -.8470131 1.353821

by\_1741 | -.2189736 .5431811 -0.40 0.687 -1.283813 .8458655

by\_1742 | -.5512901 .5595773 -0.99 0.325 -1.648272 .5456918

by\_1743 | .4538413 .5705605 0.80 0.426 -.6646717 1.572354

by\_1744 | .321541 .5693041 0.56 0.572 -.7945091 1.437591

by\_1745 | .4112519 .5523595 0.74 0.457 -.6715804 1.494084

by\_1746 | .2289695 .5637559 0.41 0.685 -.876204 1.334143

by\_1747 | -.3288735 .6082824 -0.54 0.589 -1.521336 .8635887

by\_1748 | .3469433 .5901117 0.59 0.557 -.8098975 1.503784

by\_1749 | -.2066281 .7682014 -0.27 0.788 -1.712592 1.299336

by\_1750 | .5292532 .5771426 0.92 0.359 -.6021633 1.66067

by\_1751 | -.4869747 .5695492 -0.86 0.393 -1.603505 .6295558

by\_1752 | -.7922813 .523354 -1.51 0.130 -1.818252 .2336894

by\_1753 | -.7232215 .5232974 -1.38 0.167 -1.749081 .3026381

by\_1754 | -.8887105 .5181773 -1.72 0.086 -1.904533 .1271119

by\_1755 | -.8858158 .519916 -1.70 0.088 -1.905047 .133415

by\_1756 | -.4800799 .562883 -0.85 0.394 -1.583542 .6233824

by\_1757 | -.8115252 .5375891 -1.51 0.131 -1.865402 .2423516

by\_1758 | -.7356141 .5372456 -1.37 0.171 -1.788818 .3175893

by\_1759 | -.5908682 .5507272 -1.07 0.283 -1.670501 .4887642

by\_1760 | .1267833 .5706384 0.22 0.824 -.9918826 1.245449

by\_1761 | .0483809 .5307133 0.09 0.927 -.9920167 1.088778

by\_1762 | .5444397 .5395112 1.01 0.313 -.513205 1.602085

by\_1763 | .0560564 .5420709 0.10 0.918 -1.006606 1.118719

by\_1764 | -.1873464 .5317913 -0.35 0.725 -1.229857 .8551646

by\_1765 | -.1704125 .5534088 -0.31 0.758 -1.255302 .9144769

by\_1766 | -.1008589 .5549883 -0.18 0.856 -1.188845 .9871268

by\_1767 | -.7130392 .5697464 -1.25 0.211 -1.829956 .4038779

by\_1768 | -1.295764 .5338236 -2.43 0.015 -2.342258 -.2492686

by\_1769 | -.7384667 .5252794 -1.41 0.160 -1.768212 .2912784

by\_1770 | -.7184958 .5215495 -1.38 0.168 -1.740929 .3039373

by\_1771 | -.8243033 .5333979 -1.55 0.122 -1.869964 .2213572

by\_1772 | -.7392924 .530303 -1.39 0.163 -1.778886 .3003009

by\_1773 | -1.053702 .5261457 -2.00 0.045 -2.085145 -.0222587

by\_1774 | -1.009799 .5451878 -1.85 0.064 -2.078572 .0589739

by\_1775 | -1.173645 .5395788 -2.18 0.030 -2.231423 -.115868

by\_1776 | -1.124785 .5290059 -2.13 0.034 -2.161836 -.087735

by\_1777 | -.9002858 .5273634 -1.71 0.088 -1.934116 .1335447

by\_1778 | -1.418744 .5203845 -2.73 0.006 -2.438894 -.398595

by\_1779 | -1.049856 .5337615 -1.97 0.049 -2.096229 -.0034828

by\_1780 | -.9326379 .5201373 -1.79 0.073 -1.952302 .0870267

by\_1781 | -1.329824 .5241786 -2.54 0.011 -2.357411 -.302237

by\_1782 | -1.062438 .5262088 -2.02 0.044 -2.094005 -.0308709

by\_1783 | -1.101549 .5375937 -2.05 0.041 -2.155435 -.0476631

by\_1784 | -1.149926 .5242194 -2.19 0.028 -2.177594 -.1222592

by\_1785 | -.9813774 .5308857 -1.85 0.065 -2.022113 .0593582

by\_1786 | -1.007621 .5339557 -1.89 0.059 -2.054374 .0391333

by\_1787 | -1.479793 .5241394 -2.82 0.005 -2.507303 -.4522826

by\_1788 | -1.39753 .521644 -2.68 0.007 -2.420148 -.3749113

by\_1789 | -.9848035 .5285821 -1.86 0.062 -2.021023 .0514162

by\_1790 | -1.09655 .5355106 -2.05 0.041 -2.146352 -.0467479

by\_1791 | -1.280734 .5212766 -2.46 0.014 -2.302632 -.2588357

by\_1792 | -1.302689 .5281843 -2.47 0.014 -2.338129 -.2672493

by\_1793 | -1.253599 .5281568 -2.37 0.018 -2.288985 -.218213

by\_1794 | -1.315446 .5357581 -2.46 0.014 -2.365733 -.2651586

by\_1795 | -.8175353 .5601876 -1.46 0.145 -1.915714 .280643

by\_1796 | -.5520717 .6989114 -0.79 0.430 -1.922201 .8180574

by\_1797 | -1.089794 .5609853 -1.94 0.052 -2.189537 .0099477

by\_1798 | -.9926707 .5522406 -1.80 0.072 -2.07527 .0899286

by\_1799 | -.8182808 .5659262 -1.45 0.148 -1.927709 .2911474

by\_1800 | -1.035217 .5379658 -1.92 0.054 -2.089832 .019398

by\_1801 | -1.281822 .5335793 -2.40 0.016 -2.327838 -.2358057

by\_1802 | -.9240533 .5556914 -1.66 0.096 -2.013417 .1653108

by\_1803 | -.8742351 .5546459 -1.58 0.115 -1.96155 .2130793

by\_1804 | -1.001738 .5623093 -1.78 0.075 -2.104076 .1005996

by\_1805 | -.4212106 .9471109 -0.44 0.657 -2.277904 1.435483

by\_1806 | -1.049109 .6447527 -1.63 0.104 -2.313067 .2148486

by\_1807 | -.9913164 .5680488 -1.75 0.081 -2.104906 .1222728

by\_1808 | -1.271303 .5361102 -2.37 0.018 -2.322281 -.2203257

by\_1809 | -1.482628 .6724052 -2.20 0.027 -2.800795 -.1644606

by\_1810 | -1.090914 .6974625 -1.56 0.118 -2.458202 .2763751

by\_1811 | .1683719 .7045923 0.24 0.811 -1.212894 1.549638

by\_1812 | -.4816281 .6893968 -0.70 0.485 -1.833105 .8698489

by\_1813 | -1.2301 .6105506 -2.01 0.044 -2.427009 -.0331911

by\_1814 | -1.308518 .5509168 -2.38 0.018 -2.388523 -.2285143

by\_1815 | -1.394518 .5667361 -2.46 0.014 -2.505534 -.2835024

by\_1816 | -1.172948 .5606022 -2.09 0.036 -2.271939 -.0739571

by\_1817 | -.4803351 .5830058 -0.82 0.410 -1.623246 .6625755

by\_1818 | -.5404826 .5533377 -0.98 0.329 -1.625233 .5442674

by\_1819 | -.641973 .5371951 -1.20 0.232 -1.695077 .4111313

by\_1821 | .1183719 1.465749 0.08 0.936 -2.755047 2.991791

by\_1828 | -1.153369 .5409096 -2.13 0.033 -2.213755 -.0929825

by\_1829 | -.8007339 .5446885 -1.47 0.142 -1.868528 .2670603

by\_1830 | -.9754892 .523212 -1.86 0.062 -2.001181 .050203

by\_1831 | -1.067636 .5248819 -2.03 0.042 -2.096602 -.03867

by\_1832 | -1.082318 .5194221 -2.08 0.037 -2.10058 -.0640549

by\_1833 | -.8812054 .5240214 -1.68 0.093 -1.908484 .1460736

by\_1834 | -1.194854 .5490669 -2.18 0.030 -2.271231 -.1184761

by\_1835 | -1.152656 .5409844 -2.13 0.033 -2.213189 -.0921231

by\_1836 | -1.139933 .5674704 -2.01 0.045 -2.252389 -.0274778

by\_1837 | -1.081628 .9757043 -1.11 0.268 -2.994375 .8311191

by\_1838 | -1.790887 .535852 -3.34 0.001 -2.841358 -.7404152

by\_1839 | -1.816221 .5695292 -3.19 0.001 -2.932713 -.6997301

by\_1840 | -1.186705 .5989984 -1.98 0.048 -2.360967 -.0124429

by\_1841 | -1.157605 .5298173 -2.18 0.029 -2.196246 -.1189639

by\_1842 | -1.202132 .52628 -2.28 0.022 -2.233839 -.1704253

by\_1843 | -1.15828 .5991375 -1.93 0.053 -2.332815 .0162548

by\_1844 | -1.483131 .5357095 -2.77 0.006 -2.533323 -.4329394

by\_1845 | -1.212625 .5322392 -2.28 0.023 -2.256014 -.1692365

by\_1846 | -.943371 .5213335 -1.81 0.070 -1.965381 .0786387

by\_1847 | -.9854225 .5231359 -1.88 0.060 -2.010966 .0401206

by\_1848 | -1.230438 .5270163 -2.33 0.020 -2.263588 -.1972874

by\_1849 | -1.271334 .5275212 -2.41 0.016 -2.305474 -.237194

by\_1850 | -1.551749 .5331046 -2.91 0.004 -2.596835 -.5066634

by\_1851 | -1.156839 .5499699 -2.10 0.035 -2.234987 -.0786915

by\_1852 | -1.642619 .5417763 -3.03 0.002 -2.704704 -.5805339

by\_1853 | -1.27217 .5527471 -2.30 0.021 -2.355762 -.188578

by\_1854 | -1.072567 .5520342 -1.94 0.052 -2.154761 .009628

by\_1855 | -1.4827 .5316175 -2.79 0.005 -2.52487 -.4405295

by\_1856 | -1.532699 .5601435 -2.74 0.006 -2.630791 -.4346076

dage\_24 | .1579436 .0480748 3.29 0.001 .063699 .2521883

dage\_25 | .0716477 .0583294 1.23 0.219 -.0426999 .1859953

dage\_26 | .0062492 .0772249 0.08 0.936 -.1451407 .157639

dage\_27 | -.0816281 .0878902 -0.93 0.353 -.2539259 .0906697

\_cons | 69.58163 .5077694 137.03 0.000 68.58621 70.57705

------------------------------------------------------------------------------

. test $Age\_dums

( 1) dage\_24 = 0

( 2) dage\_25 = 0

( 3) dage\_26 = 0

( 4) dage\_27 = 0

F( 4, 5759) = 3.83

Prob > F = 0.0041

.

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $Age\_dums $More\_Eff , robust

Linear regression Number of obs = 5879

F(347, 5531) = 4.59

Prob > F = 0.0000

R-squared = 0.1437

Root MSE = 1.3591

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1734 | -.1785714 .5354955 -0.33 0.739 -1.228353 .8712103

by\_1735 | 1.250549 1.054156 1.19 0.236 -.8160113 3.31711

by\_1736 | .05 .6372085 0.08 0.937 -1.199179 1.299179

by\_1737 | .5505495 .9200973 0.60 0.550 -1.253203 2.354302

by\_1739 | 1.213645 1.107286 1.10 0.273 -.9570719 3.384361

by\_1740 | .6005495 .9258554 0.65 0.517 -1.214491 2.41559

by\_1741 | 1.058883 1.14504 0.92 0.355 -1.185845 3.303611

by\_1742 | 1.49043 1.309508 1.14 0.255 -1.07672 4.057581

by\_1743 | .9505495 .9062807 1.05 0.294 -.8261168 2.727216

by\_1744 | 1.075549 1.08569 0.99 0.322 -1.052831 3.203929

by\_1745 | .8505495 1.178006 0.72 0.470 -1.458805 3.159904

by\_1746 | 2.108562 1.317807 1.60 0.110 -.4748574 4.691982

by\_1747 | 3.496383 1.308386 2.67 0.008 .9314326 6.061333

by\_1748 | 2.241021 1.371904 1.63 0.102 -.4484496 4.930491

by\_1749 | 1.687449 1.460819 1.16 0.248 -1.176331 4.551229

by\_1750 | 3.454716 1.385895 2.49 0.013 .7378175 6.171615

by\_1751 | -1.178571 .6044747 -1.95 0.051 -2.363579 .0064366

by\_1752 | -1.299451 .8595594 -1.51 0.131 -2.984525 .3856237

by\_1753 | -.375 1.038443 -0.36 0.718 -2.410756 1.660756

by\_1754 | -.0851648 1.078171 -0.08 0.937 -2.198803 2.028473

by\_1755 | .281922 1.101977 0.26 0.798 -1.878387 2.442231

by\_1756 | .3480985 1.142571 0.30 0.761 -1.89179 2.587987

by\_1757 | -.5494505 .8523317 -0.64 0.519 -2.220356 1.121455

by\_1758 | -1.399451 1.034307 -1.35 0.176 -3.4271 .6281985

by\_1759 | .2588828 1.117426 0.23 0.817 -1.931711 2.449476

by\_1760 | 2.75644 1.323146 2.08 0.037 .1625533 5.350327

by\_1761 | 1.092216 1.101922 0.99 0.322 -1.067985 3.252417

by\_1762 | 1.610966 1.19957 1.34 0.179 -.7406629 3.962595

by\_1763 | 2.376591 1.30702 1.82 0.069 -.185682 4.938864

by\_1764 | 2.863807 1.365908 2.10 0.036 .1860905 5.541524

by\_1765 | .2672161 1.297761 0.21 0.837 -2.276905 2.811337

by\_1766 | 1.793219 1.356555 1.32 0.186 -.8661626 4.4526

by\_1767 | -.40625 .6401235 -0.63 0.526 -1.661144 .8486435

by\_1768 | -1.159091 .5950203 -1.95 0.051 -2.325565 .0073827

by\_1769 | -1.384615 .5820058 -2.38 0.017 -2.525575 -.2436553

by\_1770 | -1.083333 .5407411 -2.00 0.045 -2.143398 -.0232684

by\_1771 | -.84375 .7615714 -1.11 0.268 -2.336729 .6492293

by\_1772 | .0277778 .664513 0.04 0.967 -1.274929 1.330484

by\_1773 | -1.101852 .5649325 -1.95 0.051 -2.209341 .0056378

by\_1774 | -1.666667 .7081948 -2.35 0.019 -3.055007 -.2783266

by\_1775 | -.7994505 .9247157 -0.86 0.387 -2.612257 1.013356

by\_1776 | -.8181818 .736692 -1.11 0.267 -2.262388 .626024

by\_1777 | -.9 1.003816 -0.90 0.370 -2.867874 1.067874

by\_1778 | -1.083333 .6184284 -1.75 0.080 -2.295696 .1290293

by\_1779 | -1.916667 .544143 -3.52 0.000 -2.983401 -.8499326

by\_1780 | -.375 .6357505 -0.59 0.555 -1.621321 .8713209

by\_1781 | -.8449051 .8884492 -0.95 0.342 -2.586615 .8968045

by\_1782 | -1.099451 .8811507 -1.25 0.212 -2.826852 .627951

by\_1783 | -1.05 .6336583 -1.66 0.098 -2.292219 .1922195

by\_1784 | -1.2 .6288128 -1.91 0.056 -2.43272 .0327202

by\_1785 | -1.515625 .558605 -2.71 0.007 -2.61071 -.4205397

by\_1786 | -1.232143 .5946423 -2.07 0.038 -2.397875 -.0664103

by\_1787 | -1.210165 .8535426 -1.42 0.156 -2.883444 .4631141

by\_1788 | -1.333333 .5850632 -2.28 0.023 -2.480287 -.1863795

by\_1789 | -1.4375 .6430558 -2.24 0.025 -2.698142 -.1768578

by\_1790 | -1.5 .6550978 -2.29 0.022 -2.784249 -.2157508

by\_1791 | -1.214286 .5833593 -2.08 0.037 -2.357899 -.0706722

by\_1792 | -.7494505 .8850624 -0.85 0.397 -2.484521 .9856196

by\_1793 | .0268315 1.132724 0.02 0.981 -2.193753 2.247416

by\_1794 | .4831252 1.156901 0.42 0.676 -1.784855 2.751106

by\_1795 | .6109661 1.18038 0.52 0.605 -1.703042 2.924974

by\_1796 | 1.892216 1.375348 1.38 0.169 -.8040069 4.588439

by\_1797 | 1.371383 1.364875 1.00 0.315 -1.304309 4.047074

by\_1798 | -.6761163 .9019405 -0.75 0.454 -2.444274 1.092042

by\_1799 | -1.125 .7239257 -1.55 0.120 -2.544179 .2941789

by\_1800 | -1.699451 .9026027 -1.88 0.060 -3.468906 .0700054

by\_1801 | -.5099265 1.094257 -0.47 0.641 -2.655101 1.635248

by\_1802 | -1.066117 1.090138 -0.98 0.328 -3.203216 1.070982

by\_1803 | 1.864717 1.36098 1.37 0.171 -.8033395 4.532773

by\_1804 | -.9090909 .6256061 -1.45 0.146 -2.135525 .317343

by\_1805 | -.1327839 1.158154 -0.11 0.909 -2.403222 2.137654

by\_1806 | -.0036172 1.147773 -0.00 0.997 -2.253703 2.246469

by\_1807 | 1.215133 1.309691 0.93 0.354 -1.352376 3.782641

by\_1808 | 1.288049 1.347641 0.96 0.339 -1.353856 3.929955

by\_1809 | .4114498 1.41078 0.29 0.771 -2.354233 3.177132

by\_1810 | .8031638 1.42339 0.56 0.573 -1.98724 3.593568

by\_1811 | 2.062449 1.427042 1.45 0.148 -.7351133 4.860012

by\_1812 | 1.412449 1.419293 1.00 0.320 -1.369923 4.194821

by\_1813 | 1.240716 1.375017 0.90 0.367 -1.454857 3.936289

by\_1814 | 1.181989 1.336729 0.88 0.377 -1.438525 3.802503

by\_1815 | .717348 1.307404 0.55 0.583 -1.845678 3.280374

by\_1816 | 1.843605 1.417411 1.30 0.193 -.9350771 4.622287

by\_1817 | 1.972573 1.353232 1.46 0.145 -.6802939 4.62544

by\_1818 | 2.288049 1.367914 1.67 0.094 -.3935989 4.969698

by\_1819 | 1.252104 1.349076 0.93 0.353 -1.392616 3.896824

by\_1821 | 2.012449 1.938173 1.04 0.299 -1.787132 5.81203

by\_1828 | -1.041667 .5901473 -1.77 0.078 -2.198587 .1152539

by\_1829 | .15625 .8117139 0.19 0.847 -1.435028 1.747528

by\_1830 | -.5851648 .9266935 -0.63 0.528 -2.401848 1.231519

by\_1831 | -1.041667 .7850215 -1.33 0.185 -2.580617 .497284

by\_1832 | -1.8 .5804697 -3.10 0.002 -2.937949 -.6620513

by\_1833 | -1.76625 .5798512 -3.05 0.002 -2.902986 -.6295134

by\_1834 | -.6907002 .9274262 -0.74 0.456 -2.50882 1.12742

by\_1835 | -.9377836 1.095615 -0.86 0.392 -3.085619 1.210051

by\_1836 | 1.112716 1.337183 0.83 0.405 -1.508688 3.73412

by\_1837 | .8124493 1.584543 0.51 0.608 -2.293877 3.918775

by\_1838 | -1.725999 .6667659 -2.59 0.010 -3.033123 -.4188762

by\_1839 | .4287167 1.401555 0.31 0.760 -2.318883 3.176316

by\_1840 | .2922161 1.258727 0.23 0.816 -2.175384 2.759816

by\_1841 | 1.302409 1.296258 1.00 0.315 -1.238767 3.843585

by\_1842 | .877793 1.321633 0.66 0.507 -1.713128 3.468714

by\_1843 | -.546875 .7504047 -0.73 0.466 -2.017963 .9242131

by\_1844 | -1.375 .676488 -2.03 0.042 -2.701182 -.0488176

by\_1845 | -.6661172 .9095976 -0.73 0.464 -2.449286 1.117052

by\_1846 | -.9358142 .92392 -1.01 0.311 -2.747061 .8754321

by\_1847 | -.4557005 .9970266 -0.46 0.648 -2.410265 1.498863

by\_1848 | -.6071429 .8014691 -0.76 0.449 -2.178337 .9640515

by\_1849 | -1.049451 .8569955 -1.22 0.221 -2.729498 .6305973

by\_1850 | -.4244505 .9975543 -0.43 0.670 -2.380049 1.531148

by\_1851 | 1.479716 1.339681 1.10 0.269 -1.146585 4.106017

by\_1852 | .8134118 1.312085 0.62 0.535 -1.75879 3.385613

by\_1853 | 1.173466 1.365264 0.86 0.390 -1.502988 3.84992

by\_1854 | 1.454716 1.239835 1.17 0.241 -.975847 3.885279

by\_1855 | .7693458 1.2963 0.59 0.553 -1.771911 3.310603

by\_1856 | .361378 1.35876 0.27 0.790 -2.302325 3.025081

dage\_24 | -.3922668 .3697385 -1.06 0.289 -1.1171 .332566

dage\_25 | .9202332 .7964573 1.16 0.248 -.6411361 2.481602

dage\_26 | 1.6119 1.053258 1.53 0.126 -.4529002 3.6767

dage\_27 | 1.812449 1.235951 1.47 0.143 -.6105013 4.2354

b1734\_a26 | .1291209 .8106462 0.16 0.873 -1.460064 1.718306

b1735\_a25 | -.65 1.009889 -0.64 0.520 -2.629778 1.329778

b1736\_a24 | 2.104716 1.311225 1.61 0.109 -.4658003 4.675233

b1737\_a23 | 1.0119 1.194195 0.85 0.397 -1.329192 3.352992

b1740\_a23 | 1.420233 1.158072 1.23 0.220 -.8500429 3.690509

b1740\_a25 | .7916667 1.004817 0.79 0.431 -1.178169 2.761502

b1741\_a24 | .9672619 .8139206 1.19 0.235 -.6283424 2.562866

b1742\_a23 | .3220189 .5609323 0.57 0.566 -.7776289 1.421667

b1743\_a24 | 2.254167 1.300423 1.73 0.083 -.2951737 4.803507

b1743\_a25 | .1361111 .830376 0.16 0.870 -1.491752 1.763974

b1744\_a23 | 2.058328 1.144296 1.80 0.072 -.1849408 4.301598

b1744\_a24 | 1.279167 .8342483 1.53 0.125 -.3562879 2.914621

b1745\_a23 | 1.795233 .9752162 1.84 0.066 -.1165738 3.70704

b1745\_a24 | 1.770833 .9479484 1.87 0.062 -.0875181 3.629185

b1746\_a23 | .503887 .5843276 0.86 0.389 -.6416246 1.649399

b1747\_a23 | -2.568549 .5743324 -4.47 0.000 -3.694466 -1.442632

b1750\_a23 | -1.392267 .6752415 -2.06 0.039 -2.716006 -.0685281

b1751\_a24 | 3.133288 1.368318 2.29 0.022 .4508464 5.815729

b1751\_a25 | 3.120788 1.17826 2.65 0.008 .8109341 5.430641

b1751\_a26 | .8214286 .8316019 0.99 0.323 -.808838 2.451695

b1752\_a23 | 2.8619 1.118898 2.56 0.011 .6684195 5.05538

b1752\_a24 | 3.222917 1.1001 2.93 0.003 1.066288 5.379545

b1752\_a25 | 1.653531 .7510402 2.20 0.028 .1811971 3.125865

b1753\_a23 | 2.937449 1.572351 1.87 0.062 -.1449771 6.019876

b1753\_a24 | 2.106502 1.495398 1.41 0.159 -.8250666 5.03807

b1753\_a25 | .0435319 1.322072 0.03 0.974 -2.548248 2.635312

b1753\_a26 | .1826923 1.192845 0.15 0.878 -2.155753 2.521138

b1754\_a23 | 1.268304 1.272483 1.00 0.319 -1.226264 3.762871

b1754\_a24 | 1.133631 1.214665 0.93 0.351 -1.24759 3.514852

b1754\_a25 | .4016234 1.017836 0.39 0.693 -1.593735 2.396981

b1755\_a23 | .6337019 .8472325 0.75 0.455 -1.027207 2.294611

b1755\_a24 | 1.329044 .7903261 1.68 0.093 -.2203057 2.878394

b1756\_a23 | .2421286 .9603469 0.25 0.801 -1.640529 2.124786

b1756\_a24 | 2.387868 .9071903 2.63 0.009 .6094181 4.166317

b1757\_a23 | 1.294592 1.11507 1.16 0.246 -.891383 3.480567

b1757\_a24 | 2.191667 1.062884 2.06 0.039 .1079962 4.275337

b1757\_a25 | 1.159058 .8136709 1.42 0.154 -.4360567 2.754173

b1758\_a23 | 2.140471 1.257833 1.70 0.089 -.3253751 4.606318

b1758\_a24 | 3.282738 1.192885 2.75 0.006 .9442157 5.621261

b1758\_a25 | 2.458333 1.045827 2.35 0.019 .4081006 4.508566

b1759\_a23 | 1.079429 .9074969 1.19 0.234 -.699622 2.858479

b1759\_a24 | 1.731548 .9488373 1.82 0.068 -.1285465 3.591642

b1760\_a23 | -1.33288 .6468344 -2.06 0.039 -2.60093 -.0648301

b1761\_a23 | .8392808 .8558375 0.98 0.327 -.8384971 2.517059

b1761\_a24 | 1.433929 .8343407 1.72 0.086 -.2017071 3.069564

b1762\_a23 | .7418058 .9887411 0.75 0.453 -1.196515 2.680127

b1762\_a24 | 1.54375 .9536492 1.62 0.106 -.3257771 3.413277

b1763\_a23 | -.1218341 .5426566 -0.22 0.822 -1.185654 .941986

b1764\_a23 | -1.296149 .614136 -2.11 0.035 -2.500097 -.0922015

b1765\_a23 | 1.591529 1.100122 1.45 0.148 -.5651426 3.748202

b1767\_a23 | 1.825842 1.354179 1.35 0.178 -.8288805 4.480565

b1767\_a26 | -.8432005 .9426386 -0.89 0.371 -2.691143 1.004741

b1768\_a25 | .738807 1.022757 0.72 0.470 -1.266199 2.743813

b1768\_a26 | .2005495 .8099396 0.25 0.804 -1.38725 1.788349

b1769\_a24 | 3.52115 1.236528 2.85 0.004 1.097069 5.945231

b1769\_a25 | 1.64826 1.007727 1.64 0.102 -.3272818 3.623802

b1769\_a26 | .3976648 .9545796 0.42 0.677 -1.473686 2.269016

b1770\_a23 | 2.039722 1.269753 1.61 0.108 -.4494926 4.528937

b1770\_a24 | 3.294147 1.21413 2.71 0.007 .9139754 5.674319

b1770\_a25 | 1.366174 .9997095 1.37 0.172 -.593649 3.325998

b1770\_a26 | .1886447 .7543587 0.25 0.803 -1.290195 1.667484

b1771\_a23 | 1.644836 1.391089 1.18 0.237 -1.082245 4.371916

b1771\_a24 | 2.416887 1.340412 1.80 0.071 -.2108469 5.044621

b1771\_a25 | 1.435966 1.188991 1.21 0.227 -.8949234 3.766856

b1771\_a26 | .4817995 .9613123 0.50 0.616 -1.40275 2.366349

b1772\_a23 | .9915681 1.332448 0.74 0.457 -1.620555 3.603691

b1772\_a24 | 1.381484 1.279557 1.08 0.280 -1.126951 3.889919

b1772\_a25 | .1144383 1.095389 0.10 0.917 -2.032955 2.261832

b1772\_a26 | -.0272283 .9834406 -0.03 0.978 -1.955158 1.900702

b1773\_a23 | 1.622634 1.300062 1.25 0.212 -.9259983 4.171267

b1773\_a24 | 3.072193 1.281763 2.40 0.017 .5594344 5.584952

b1773\_a25 | .7857346 1.031612 0.76 0.446 -1.236631 2.8081

b1773\_a26 | .3024013 .7830171 0.39 0.699 -1.23262 1.837423

b1774\_a23 | 2.479116 1.389305 1.78 0.074 -.2444679 5.2027

b1774\_a24 | 3.142216 1.33522 2.35 0.019 .5246599 5.759772

b1774\_a25 | 1.642216 1.167026 1.41 0.159 -.6456131 3.930045

b1774\_a26 | 1.19129 .9037608 1.32 0.188 -.5804362 2.963017

b1775\_a23 | 1.475536 1.247972 1.18 0.237 -.9709785 3.922051

b1775\_a24 | 2.481439 1.172011 2.12 0.034 .1838372 4.779042

b1775\_a25 | .4847701 .8434196 0.57 0.565 -1.168664 2.138204

b1776\_a23 | 1.523488 1.366989 1.11 0.265 -1.156347 4.203323

b1776\_a24 | 2.138969 1.314917 1.63 0.104 -.438785 4.716724

b1776\_a25 | .5992868 1.129098 0.53 0.596 -1.614188 2.812762

b1777\_a23 | 2.033536 1.526111 1.33 0.183 -.9582419 5.025314

b1777\_a24 | 2.417679 1.487683 1.63 0.104 -.4987652 5.334123

b1777\_a25 | .9172161 1.35699 0.68 0.499 -1.743017 3.577449

b1777\_a26 | .02702 1.134133 0.02 0.981 -2.196327 2.250367

b1778\_a23 | 1.590227 1.300485 1.22 0.221 -.9592339 4.139688

b1778\_a24 | 1.704716 1.292431 1.32 0.187 -.8289563 4.238389

b1778\_a25 | .5400656 1.027913 0.53 0.599 -1.475048 2.555179

b1778\_a26 | .2838828 .8098482 0.35 0.726 -1.303738 1.871504

b1779\_a23 | 3.024571 1.341728 2.25 0.024 .394257 5.654884

b1779\_a24 | 3.668258 1.262655 2.91 0.004 1.192958 6.143558

b1779\_a25 | 1.490701 1.017065 1.47 0.143 -.5031466 3.484549

b1779\_a26 | 1.200549 .7311903 1.64 0.101 -.2328709 2.63397

b1780\_a23 | 1.041616 1.304737 0.80 0.425 -1.516182 3.599414

b1780\_a24 | 2.079716 1.313982 1.58 0.114 -.4962052 4.655637

b1780\_a25 | .4867283 1.033897 0.47 0.638 -1.540116 2.513573

b1781\_a23 | 2.018466 1.178639 1.71 0.087 -.2921308 4.329062

b1781\_a24 | 1.765837 1.055984 1.67 0.095 -.3043062 3.835981

b1781\_a25 | .5121212 .8103882 0.63 0.527 -1.076558 2.1008

b1782\_a23 | 2.233328 1.120642 1.99 0.046 .03643 4.430227

b1782\_a24 | 2.072024 1.090276 1.90 0.057 -.0653448 4.209392

b1782\_a25 | .8064815 .7880488 1.02 0.306 -.7384038 2.351367

b1783\_a23 | 2.316995 1.358408 1.71 0.088 -.3460182 4.980007

b1783\_a24 | 2.254716 1.268424 1.78 0.076 -.2318933 4.741325

b1783\_a25 | 1.092216 1.125296 0.97 0.332 -1.113807 3.298239

b1783\_a26 | -.6494508 .7812497 -0.83 0.406 -2.181007 .8821056

b1784\_a23 | 2.089372 1.301752 1.61 0.109 -.462573 4.641318

b1784\_a24 | 2.619002 1.26638 2.07 0.039 .1363984 5.101605

b1784\_a25 | 1.242216 1.256509 0.99 0.323 -1.221035 3.705467

b1784\_a26 | -.4119505 .8178945 -0.50 0.615 -2.015345 1.191444

b1785\_a23 | 2.028074 1.294439 1.57 0.117 -.5095345 4.565683

b1785\_a24 | 3.115078 1.229105 2.53 0.011 .7055494 5.524607

b1785\_a25 | 1.963397 1.051305 1.87 0.062 -.097574 4.024367

b1785\_a26 | 2.037603 1.119243 1.82 0.069 -.1565522 4.231758

b1786\_a23 | 2.377925 1.351373 1.76 0.079 -.2712965 5.027147

b1786\_a24 | 2.686859 1.255206 2.14 0.032 .2261619 5.147556

b1786\_a25 | 1.517216 1.094316 1.39 0.166 -.6280737 3.662506

b1786\_a26 | .0041209 .7902638 0.01 0.996 -1.545107 1.553349

b1787\_a23 | 1.663239 1.104517 1.51 0.132 -.5020475 3.828526

b1787\_a24 | 1.727381 1.030696 1.68 0.094 -.2931875 3.747949

b1787\_a25 | .9936853 .7794192 1.27 0.202 -.5342827 2.521653

b1788\_a23 | 1.729116 1.295671 1.33 0.182 -.8109081 4.26914

b1788\_a24 | 2.271383 1.23509 1.84 0.066 -.1498785 4.692644

b1788\_a25 | 1.152633 1.030289 1.12 0.263 -.8671393 3.172405

b1789\_a23 | 2.460476 1.344254 1.83 0.067 -.1747904 5.095742

b1789\_a24 | 2.818142 1.267748 2.22 0.026 .3328582 5.303426

b1789\_a25 | 1.829716 1.106115 1.65 0.098 -.3387043 3.998137

b1789\_a26 | .8411745 .8398484 1.00 0.317 -.8052584 2.487607

b1790\_a23 | 2.83168 1.36649 2.07 0.038 .1528235 5.510537

b1790\_a24 | 2.892216 1.318978 2.19 0.028 .3065018 5.47793

b1790\_a25 | 1.490042 1.060398 1.41 0.160 -.5887546 3.568839

b1790\_a26 | -.3221778 .789049 -0.41 0.683 -1.869024 1.224668

b1791\_a23 | 1.551735 1.299148 1.19 0.232 -.9951059 4.098576

b1791\_a24 | 2.229002 1.240246 1.80 0.072 -.2023685 4.660372

b1791\_a25 | 1.183425 1.026768 1.15 0.249 -.8294443 3.196294

b1791\_a26 | .2481685 .7409222 0.33 0.738 -1.20433 1.700667

b1792\_a23 | 1.120723 1.14532 0.98 0.328 -1.124554 3.366001

b1792\_a24 | 1.96131 1.076096 1.82 0.068 -.1482619 4.070881

b1792\_a25 | .4397436 .7983093 0.55 0.582 -1.125256 2.004744

b1793\_a23 | .382392 .8876442 0.43 0.667 -1.357739 2.122523

b1793\_a24 | 1.322115 .8490238 1.56 0.119 -.342305 2.986536

b1794\_a23 | -.3135331 .921053 -0.34 0.734 -2.119159 1.492093

b1794\_a24 | .7897727 .8963933 0.88 0.378 -.9675105 2.547056

b1795\_a23 | .2639832 .9980921 0.26 0.791 -1.69267 2.220636

b1795\_a24 | 1.177083 .8896164 1.32 0.186 -.5669144 2.921081

b1797\_a23 | -.5797668 .6421785 -0.90 0.367 -1.838689 .6791555

b1798\_a23 | 1.321899 1.172047 1.13 0.259 -.975773 3.619571

b1798\_a24 | 2.474166 1.18572 2.09 0.037 .149688 4.798644

b1798\_a25 | .6390471 .8673898 0.74 0.461 -1.061378 2.339472

b1799\_a23 | 2.348164 1.391413 1.69 0.092 -.3795525 5.07588

b1799\_a24 | 2.179716 1.41533 1.54 0.124 -.5948876 4.95432

b1799\_a25 | 1.156105 1.155085 1.00 0.317 -1.108315 3.420525

b1799\_a26 | 1.597551 1.500223 1.06 0.287 -1.343476 4.538578

b1800\_a23 | 2.9744 1.152766 2.58 0.010 .7145246 5.234275

b1800\_a24 | 2.528712 1.093028 2.31 0.021 .3859475 4.671477

b1800\_a25 | 1.991667 .8502555 2.34 0.019 .3248318 3.658502

b1801\_a23 | 1.189251 .8914008 1.33 0.182 -.5582448 2.936747

b1801\_a24 | 1.80369 .7880363 2.29 0.022 .2588296 3.348551

b1802\_a23 | 2.112317 .8886811 2.38 0.017 .3701526 3.854481

b1802\_a24 | 2.813526 .808238 3.48 0.001 1.229062 4.39799

b1803\_a23 | -.9386308 .6375872 -1.47 0.141 -2.188552 .3112906

b1804\_a23 | 1.674041 1.336146 1.25 0.210 -.9453308 4.293412

b1807\_a23 | .6389832 .8191259 0.78 0.435 -.9668255 2.244792

b1808\_a23 | -.68685 .5827708 -1.18 0.239 -1.82931 .4556097

b1813\_a23 | -.6032669 .7861129 -0.77 0.443 -2.144357 .9378233

b1814\_a23 | -.6195395 .5887783 -1.05 0.293 -1.773776 .5346973

b1815\_a23 | .4839902 .7024568 0.69 0.491 -.8931012 1.861082

b1816\_a23 | -1.294155 .7466562 -1.73 0.083 -2.757895 .1695841

b1817\_a23 | -.566374 .6940014 -0.82 0.414 -1.926889 .7941415

b1818\_a23 | -1.10523 .6444874 -1.71 0.086 -2.368678 .1582189

b1828\_a24 | 2.177921 1.243907 1.75 0.080 -.2606262 4.616469

b1829\_a23 | .8261995 1.481439 0.56 0.577 -2.078002 3.730401

b1829\_a24 | 1.204716 1.363574 0.88 0.377 -1.468425 3.877857

b1829\_a25 | -.8890339 1.18219 -0.75 0.452 -3.206591 1.428523

b1829\_a26 | -.2994505 .9920991 -0.30 0.763 -2.244355 1.645454

b1830\_a23 | 1.616364 1.204716 1.34 0.180 -.7453519 3.97808

b1830\_a24 | 1.671996 1.094316 1.53 0.127 -.4732936 3.817286

b1830\_a25 | .9349616 .8319264 1.12 0.261 -.695941 2.565864

b1831\_a23 | 1.810655 1.391601 1.30 0.193 -.917431 4.53874

b1831\_a24 | 2.449281 1.337639 1.83 0.067 -.1730174 5.07158

b1831\_a25 | .9815018 1.165085 0.84 0.400 -1.302522 3.265525

b1832\_a23 | 2.627834 1.27864 2.06 0.040 .1211968 5.134471

b1832\_a24 | 3.254716 1.229598 2.65 0.008 .8442205 5.665212

b1832\_a25 | 1.72793 1.032389 1.67 0.094 -.2959581 3.751819

b1832\_a26 | .8442995 .7869238 1.07 0.283 -.6983804 2.386979

b1833\_a23 | 2.916654 1.282312 2.27 0.023 .4028175 5.43049

b1833\_a24 | 3.392841 1.254373 2.70 0.007 .9337775 5.851904

b1833\_a25 | 2.01885 1.033247 1.95 0.051 -.0067206 4.044422

b1833\_a26 | .7167991 .8716451 0.82 0.411 -.9919678 2.425566

b1834\_a23 | 1.0344 1.174281 0.88 0.378 -1.267652 3.336451

b1834\_a24 | 2.053878 1.132092 1.81 0.070 -.165468 4.273224

b1834\_a25 | .278631 .8829308 0.32 0.752 -1.45226 2.009522

b1835\_a23 | 2.026095 .8697595 2.33 0.020 .3210245 3.731165

b1835\_a24 | 2.1525 .82461 2.61 0.009 .5359403 3.76906

b1836\_a23 | -.1669337 .6336736 -0.26 0.792 -1.409183 1.075316

b1838\_a24 | 2.399466 1.28882 1.86 0.063 -.1271274 4.926059

b1838\_a26 | .1265489 .7977458 0.16 0.874 -1.437346 1.690444

b1839\_a23 | -.226267 .7116577 -0.32 0.751 -1.621396 1.168862

b1840\_a23 | .8156877 1.281589 0.64 0.524 -1.69673 3.328105

b1840\_a24 | .3410714 .9824873 0.35 0.728 -1.58499 2.267133

b1841\_a23 | -.693709 .5192989 -1.34 0.182 -1.711739 .3243209

b1842\_a23 | -.0964756 .5070625 -0.19 0.849 -1.090517 .8975663

b1843\_a23 | .4664672 1.379526 0.34 0.735 -2.237946 3.17088

b1843\_a24 | 1.251591 1.318961 0.95 0.343 -1.33409 3.837273

b1844\_a23 | 1.955306 1.344802 1.45 0.146 -.6810331 4.591646

b1844\_a24 | 1.829716 1.272788 1.44 0.151 -.6654477 4.32488

b1844\_a26 | 1.231799 1.052297 1.17 0.242 -.8311165 3.294715

b1845\_a23 | .8409479 1.134291 0.74 0.458 -1.382707 3.064603

b1845\_a24 | 2.084723 1.103902 1.89 0.059 -.0793594 4.248805

b1845\_a25 | .8083333 .9331673 0.87 0.386 -1.021041 2.637708

b1846\_a23 | 1.209802 1.161669 1.04 0.298 -1.067526 3.48713

b1846\_a24 | 2.662966 1.080768 2.46 0.014 .5442362 4.781696

b1846\_a25 | .0780303 .8721924 0.09 0.929 -1.63181 1.78787

b1847\_a23 | 1.46815 1.204727 1.22 0.223 -.8935877 3.829887

b1847\_a24 | 1.629167 1.163366 1.40 0.161 -.6514888 3.909822

b1847\_a25 | .3024621 1.010359 0.30 0.765 -1.678238 2.283162

b1848\_a23 | 1.110068 1.088889 1.02 0.308 -1.024583 3.244719

b1848\_a24 | 1.286859 1.031506 1.25 0.212 -.7352977 3.309016

b1849\_a23 | 1.4244 1.104731 1.29 0.197 -.7413065 3.590106

b1849\_a24 | 2.379167 1.046525 2.27 0.023 .3275669 4.430766

b1849\_a25 | 1.163889 .8544109 1.36 0.173 -.5110922 2.83887

b1850\_a24 | 1.121354 .8256294 1.36 0.174 -.4972039 2.739912

b1851\_a23 | -.9172668 .5745684 -1.60 0.110 -2.043647 .2091131

b1852\_a23 | -.5889622 .4975535 -1.18 0.237 -1.564362 .3864381

b1853\_a23 | -.5521933 .6409031 -0.86 0.389 -1.808615 .7042287

b1854\_a23 | -1.304767 .5376718 -2.43 0.015 -2.358815 -.2507188

\_cons | 67.68755 1.337158 50.62 0.000 65.0662 70.30891

------------------------------------------------------------------------------

. test $More\_Eff

( 1) b1734\_a26 = 0

( 2) b1735\_a25 = 0

( 3) b1736\_a24 = 0

( 4) b1737\_a23 = 0

( 5) b1740\_a23 = 0

( 6) b1740\_a25 = 0

( 7) b1741\_a24 = 0

( 8) b1742\_a23 = 0

( 9) b1743\_a24 = 0

(10) b1743\_a25 = 0

(11) b1744\_a23 = 0

(12) b1744\_a24 = 0

(13) b1745\_a23 = 0

(14) b1745\_a24 = 0

(15) b1746\_a23 = 0

(16) b1747\_a23 = 0

(17) b1750\_a23 = 0

(18) b1751\_a24 = 0

(19) b1751\_a25 = 0

(20) b1751\_a26 = 0

(21) b1752\_a23 = 0

(22) b1752\_a24 = 0

(23) b1752\_a25 = 0

(24) b1753\_a23 = 0

(25) b1753\_a24 = 0

(26) b1753\_a25 = 0

(27) b1753\_a26 = 0

(28) b1754\_a23 = 0

(29) b1754\_a24 = 0

(30) b1754\_a25 = 0

(31) b1755\_a23 = 0

(32) b1755\_a24 = 0

(33) b1756\_a23 = 0

(34) b1756\_a24 = 0

(35) b1757\_a23 = 0

(36) b1757\_a24 = 0

(37) b1757\_a25 = 0

(38) b1758\_a23 = 0

(39) b1758\_a24 = 0

(40) b1758\_a25 = 0

(41) b1759\_a23 = 0

(42) b1759\_a24 = 0

(43) b1760\_a23 = 0

(44) b1761\_a23 = 0

(45) b1761\_a24 = 0

(46) b1762\_a23 = 0

(47) b1762\_a24 = 0

(48) b1763\_a23 = 0

(49) b1764\_a23 = 0

(50) b1765\_a23 = 0

(51) b1767\_a23 = 0

(52) b1767\_a26 = 0

(53) b1768\_a25 = 0

(54) b1768\_a26 = 0

(55) b1769\_a24 = 0

(56) b1769\_a25 = 0

(57) b1769\_a26 = 0

(58) b1770\_a23 = 0

(59) b1770\_a24 = 0

(60) b1770\_a25 = 0

(61) b1770\_a26 = 0

(62) b1771\_a23 = 0

(63) b1771\_a24 = 0

(64) b1771\_a25 = 0

(65) b1771\_a26 = 0

(66) b1772\_a23 = 0

(67) b1772\_a24 = 0

(68) b1772\_a25 = 0

(69) b1772\_a26 = 0

(70) b1773\_a23 = 0

(71) b1773\_a24 = 0

(72) b1773\_a25 = 0

(73) b1773\_a26 = 0

(74) b1774\_a23 = 0

(75) b1774\_a24 = 0

(76) b1774\_a25 = 0

(77) b1774\_a26 = 0

(78) b1775\_a23 = 0

(79) b1775\_a24 = 0

(80) b1775\_a25 = 0

(81) b1776\_a23 = 0

(82) b1776\_a24 = 0

(83) b1776\_a25 = 0

(84) b1777\_a23 = 0

(85) b1777\_a24 = 0

(86) b1777\_a25 = 0

(87) b1777\_a26 = 0

(88) b1778\_a23 = 0

(89) b1778\_a24 = 0

(90) b1778\_a25 = 0

(91) b1778\_a26 = 0

(92) b1779\_a23 = 0

(93) b1779\_a24 = 0

(94) b1779\_a25 = 0

(95) b1779\_a26 = 0

(96) b1780\_a23 = 0

(97) b1780\_a24 = 0

(98) b1780\_a25 = 0

(99) b1781\_a23 = 0

(100) b1781\_a24 = 0

(101) b1781\_a25 = 0

(102) b1782\_a23 = 0

(103) b1782\_a24 = 0

(104) b1782\_a25 = 0

(105) b1783\_a23 = 0

(106) b1783\_a24 = 0

(107) b1783\_a25 = 0

(108) b1783\_a26 = 0

(109) b1784\_a23 = 0

(110) b1784\_a24 = 0

(111) b1784\_a25 = 0

(112) b1784\_a26 = 0

(113) b1785\_a23 = 0

(114) b1785\_a24 = 0

(115) b1785\_a25 = 0

(116) b1785\_a26 = 0

(117) b1786\_a23 = 0

(118) b1786\_a24 = 0

(119) b1786\_a25 = 0

(120) b1786\_a26 = 0

(121) b1787\_a23 = 0

(122) b1787\_a24 = 0

(123) b1787\_a25 = 0

(124) b1788\_a23 = 0

(125) b1788\_a24 = 0

(126) b1788\_a25 = 0

(127) b1789\_a23 = 0

(128) b1789\_a24 = 0

(129) b1789\_a25 = 0

(130) b1789\_a26 = 0

(131) b1790\_a23 = 0

(132) b1790\_a24 = 0

(133) b1790\_a25 = 0

(134) b1790\_a26 = 0

(135) b1791\_a23 = 0

(136) b1791\_a24 = 0

(137) b1791\_a25 = 0

(138) b1791\_a26 = 0

(139) b1792\_a23 = 0

(140) b1792\_a24 = 0

(141) b1792\_a25 = 0

(142) b1793\_a23 = 0

(143) b1793\_a24 = 0

(144) b1794\_a23 = 0

(145) b1794\_a24 = 0

(146) b1795\_a23 = 0

(147) b1795\_a24 = 0

(148) b1797\_a23 = 0

(149) b1798\_a23 = 0

(150) b1798\_a24 = 0

(151) b1798\_a25 = 0

(152) b1799\_a23 = 0

(153) b1799\_a24 = 0

(154) b1799\_a25 = 0

(155) b1799\_a26 = 0

(156) b1800\_a23 = 0

(157) b1800\_a24 = 0

(158) b1800\_a25 = 0

(159) b1801\_a23 = 0

(160) b1801\_a24 = 0

(161) b1802\_a23 = 0

(162) b1802\_a24 = 0

(163) b1803\_a23 = 0

(164) b1804\_a23 = 0

(165) b1807\_a23 = 0

(166) b1808\_a23 = 0

(167) b1813\_a23 = 0

(168) b1814\_a23 = 0

(169) b1815\_a23 = 0

(170) b1816\_a23 = 0

(171) b1817\_a23 = 0

(172) b1818\_a23 = 0

(173) b1828\_a24 = 0

(174) b1829\_a23 = 0

(175) b1829\_a24 = 0

(176) b1829\_a25 = 0

(177) b1829\_a26 = 0

(178) b1830\_a23 = 0

(179) b1830\_a24 = 0

(180) b1830\_a25 = 0

(181) b1831\_a23 = 0

(182) b1831\_a24 = 0

(183) b1831\_a25 = 0

(184) b1832\_a23 = 0

(185) b1832\_a24 = 0

(186) b1832\_a25 = 0

(187) b1832\_a26 = 0

(188) b1833\_a23 = 0

(189) b1833\_a24 = 0

(190) b1833\_a25 = 0

(191) b1833\_a26 = 0

(192) b1834\_a23 = 0

(193) b1834\_a24 = 0

(194) b1834\_a25 = 0

(195) b1835\_a23 = 0

(196) b1835\_a24 = 0

(197) b1836\_a23 = 0

(198) b1838\_a24 = 0

(199) b1838\_a26 = 0

(200) b1839\_a23 = 0

(201) b1840\_a23 = 0

(202) b1840\_a24 = 0

(203) b1841\_a23 = 0

(204) b1842\_a23 = 0

(205) b1843\_a23 = 0

(206) b1843\_a24 = 0

(207) b1844\_a23 = 0

(208) b1844\_a24 = 0

(209) b1844\_a26 = 0

(210) b1845\_a23 = 0

(211) b1845\_a24 = 0

(212) b1845\_a25 = 0

(213) b1846\_a23 = 0

(214) b1846\_a24 = 0

(215) b1846\_a25 = 0

(216) b1847\_a23 = 0

(217) b1847\_a24 = 0

(218) b1847\_a25 = 0

(219) b1848\_a23 = 0

(220) b1848\_a24 = 0

(221) b1849\_a23 = 0

(222) b1849\_a24 = 0

(223) b1849\_a25 = 0

(224) b1850\_a24 = 0

(225) b1851\_a23 = 0

(226) b1852\_a23 = 0

(227) b1853\_a23 = 0

(228) b1854\_a23 = 0

F(228, 5531) = 1.94

Prob > F = 0.0000

.

. xi: reg HEIGHT $OTHER\_Vars i.BYR $N\_YR\_dums ,robust

i.BYR \_IBYR\_1733-1856 (naturally coded; \_IBYR\_1733 omitted)

Linear regression Number of obs = 5879

F(207, 5671) = 5.45

Prob > F = 0.0000

R-squared = 0.1176

Root MSE = 1.3626

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

\_IBYR\_1734 | -.6080537 .6503733 -0.93 0.350 -1.883034 .6669267

\_IBYR\_1735 | .0067114 .6055483 0.01 0.991 -1.180395 1.193818

\_IBYR\_1736 | -.175 .6204023 -0.28 0.778 -1.391226 1.041226

\_IBYR\_1737 | -.125 .6068873 -0.21 0.837 -1.314731 1.064731

\_IBYR\_1739 | .3214286 .5697669 0.56 0.573 -.7955324 1.43839

\_IBYR\_1740 | -.1416667 .6829608 -0.21 0.836 -1.480531 1.197198

\_IBYR\_1741 | -.6170876 .8004134 -0.77 0.441 -2.186204 .9520287

\_IBYR\_1742 | -.9700919 .8022014 -1.21 0.227 -2.542713 .6025296

\_IBYR\_1743 | 1.739542 .7959688 2.19 0.029 .1791385 3.299945

\_IBYR\_1744 | 1.6105 .7727992 2.08 0.037 .0955177 3.125482

\_IBYR\_1745 | 2.021839 .7571737 2.67 0.008 .5374888 3.506189

\_IBYR\_1746 | 2.132179 .7172627 2.97 0.003 .7260697 3.538288

\_IBYR\_1747 | 1.291667 .5595347 2.31 0.021 .1947647 2.388569

\_IBYR\_1748 | .4285714 .58804 0.73 0.466 -.7242118 1.581355

\_IBYR\_1749 | -.125 .7690555 -0.16 0.871 -1.632643 1.382643

\_IBYR\_1750 | 1.25 .7188568 1.74 0.082 -.1592342 2.659234

\_IBYR\_1751 | .0919822 1.921108 0.05 0.962 -3.674124 3.858089

\_IBYR\_1752 | -.1044287 1.910562 -0.05 0.956 -3.84986 3.641003

\_IBYR\_1753 | .0878449 1.90902 0.05 0.963 -3.654564 3.830254

\_IBYR\_1754 | .0230732 1.90541 0.01 0.990 -3.712259 3.758405

\_IBYR\_1755 | .1354159 1.899801 0.07 0.943 -3.58892 3.859752

\_IBYR\_1756 | .2127694 1.896731 0.11 0.911 -3.505548 3.931087

\_IBYR\_1757 | -.4318049 1.875205 -0.23 0.818 -4.107924 3.244314

\_IBYR\_1758 | -.5476431 1.868279 -0.29 0.769 -4.210184 3.114898

\_IBYR\_1759 | -.5290229 1.854371 -0.29 0.775 -4.1643 3.106254

\_IBYR\_1760 | .3314926 1.854499 0.18 0.858 -3.304035 3.96702

\_IBYR\_1761 | .1280216 1.822218 0.07 0.944 -3.444222 3.700265

\_IBYR\_1762 | .5043477 1.805207 0.28 0.780 -3.034549 4.043244

\_IBYR\_1763 | .0306397 1.781268 0.02 0.986 -3.461326 3.522605

\_IBYR\_1764 | -.4006604 1.760056 -0.23 0.820 -3.851043 3.049722

\_IBYR\_1765 | -1.013455 1.686535 -0.60 0.548 -4.319709 2.2928

\_IBYR\_1766 | -.0192308 .5522201 -0.03 0.972 -1.101793 1.063332

\_IBYR\_1767 | -.7813121 1.474434 -0.53 0.596 -3.671766 2.109142

\_IBYR\_1768 | -1.08257 1.442427 -0.75 0.453 -3.91028 1.745139

\_IBYR\_1769 | -.4521309 1.437482 -0.31 0.753 -3.270145 2.365883

\_IBYR\_1770 | -.4191388 1.433201 -0.29 0.770 -3.22876 2.390482

\_IBYR\_1771 | -.4878672 1.434299 -0.34 0.734 -3.299642 2.323908

\_IBYR\_1772 | -.3170063 1.428769 -0.22 0.824 -3.11794 2.483928

\_IBYR\_1773 | -.7394917 1.415552 -0.52 0.601 -3.514514 2.035531

\_IBYR\_1774 | -.7180082 1.421046 -0.51 0.613 -3.503801 2.067784

\_IBYR\_1775 | -.8168532 1.413204 -0.58 0.563 -3.587273 1.953567

\_IBYR\_1776 | -.7191308 1.407156 -0.51 0.609 -3.477695 2.039433

\_IBYR\_1777 | -.4696605 1.398978 -0.34 0.737 -3.212192 2.272871

\_IBYR\_1778 | -.9436828 1.3873 -0.68 0.496 -3.663322 1.775956

\_IBYR\_1779 | -.5715071 1.38615 -0.41 0.680 -3.28889 2.145876

\_IBYR\_1780 | -.4570632 1.380476 -0.33 0.741 -3.163325 2.249198

\_IBYR\_1781 | -.7975617 1.377029 -0.58 0.562 -3.497065 1.901941

\_IBYR\_1782 | -.5379682 1.371571 -0.39 0.695 -3.226771 2.150835

\_IBYR\_1783 | -.3675903 1.367102 -0.27 0.788 -3.047634 2.312453

\_IBYR\_1784 | -.4386353 1.360708 -0.32 0.747 -3.106143 2.228873

\_IBYR\_1785 | -.1001202 1.356845 -0.07 0.941 -2.760055 2.559814

\_IBYR\_1786 | -.1199049 1.347869 -0.09 0.929 -2.762243 2.522433

\_IBYR\_1787 | -.473135 1.343768 -0.35 0.725 -3.107434 2.161164

\_IBYR\_1788 | -.3101425 1.337447 -0.23 0.817 -2.93205 2.311765

\_IBYR\_1789 | .1880274 1.332189 0.14 0.888 -2.423573 2.799628

\_IBYR\_1790 | .1328069 1.324758 0.10 0.920 -2.464226 2.729839

\_IBYR\_1791 | .0869845 1.316759 0.07 0.947 -2.494367 2.668336

\_IBYR\_1792 | .154437 1.317246 0.12 0.907 -2.427869 2.736743

\_IBYR\_1793 | .1996742 1.319004 0.15 0.880 -2.386078 2.785426

\_IBYR\_1794 | -.1123112 1.314549 -0.09 0.932 -2.68933 2.464707

\_IBYR\_1795 | .0536228 1.268799 0.04 0.966 -2.433708 2.540954

\_IBYR\_1796 | .0223728 1.269048 0.02 0.986 -2.465447 2.510193

\_IBYR\_1797 | -.6859605 1.146129 -0.60 0.550 -2.932812 1.560891

\_IBYR\_1798 | -1.019294 .9904298 -1.03 0.303 -2.960915 .9223274

\_IBYR\_1799 | -.9279209 .983021 -0.94 0.345 -2.855018 .9991762

\_IBYR\_1800 | -1.079711 .9466685 -1.14 0.254 -2.935543 .7761216

\_IBYR\_1801 | -1.219027 .9307378 -1.31 0.190 -3.043629 .6055755

\_IBYR\_1802 | -.7479076 .9088833 -0.82 0.411 -2.529666 1.033851

\_IBYR\_1803 | -.5733796 .920454 -0.62 0.533 -2.377821 1.231062

\_IBYR\_1804 | -.6145077 .7613322 -0.81 0.420 -2.10701 .8779946

\_IBYR\_1805 | -.0387502 1.047958 -0.04 0.971 -2.093148 2.015648

\_IBYR\_1806 | -.6012502 .7820394 -0.77 0.442 -2.134346 .931846

\_IBYR\_1807 | -.6950002 .7171592 -0.97 0.333 -2.100906 .7109061

\_IBYR\_1808 | -.9166667 .6440242 -1.42 0.155 -2.1792 .345867

\_IBYR\_1809 | -1.400999 .6717887 -2.09 0.037 -2.717962 -.0840367

\_IBYR\_1810 | -1.009286 .6972503 -1.45 0.148 -2.376163 .3575916

\_IBYR\_1811 | .25 .7044924 0.35 0.723 -1.131074 1.631074

\_IBYR\_1812 | -.4 .6890562 -0.58 0.562 -1.750814 .9508136

\_IBYR\_1813 | .1759745 1.434838 0.12 0.902 -2.636857 2.988806

\_IBYR\_1814 | -.1100256 1.323906 -0.08 0.934 -2.705387 2.485336

\_IBYR\_1815 | .3015906 1.152896 0.26 0.794 -1.958527 2.561708

\_IBYR\_1816 | .525959 1.100508 0.48 0.633 -1.631457 2.683375

\_IBYR\_1817 | .4808201 .8374217 0.57 0.566 -1.160847 2.122487

\_IBYR\_1818 | .0833333 .684442 0.12 0.903 -1.258435 1.425101

\_IBYR\_1819 | -.5603448 .5340524 -1.05 0.294 -1.607292 .4866022

\_IBYR\_1821 | .2 1.47442 0.14 0.892 -2.690426 3.090426

\_IBYR\_1828 | -1.800028 .641048 -2.81 0.005 -3.056728 -.5433292

\_IBYR\_1829 | -1.339768 .624271 -2.15 0.032 -2.563578 -.1159581

\_IBYR\_1830 | -1.414307 .5964654 -2.37 0.018 -2.583607 -.2450065

\_IBYR\_1831 | -1.621673 .5910202 -2.74 0.006 -2.780299 -.4630475

\_IBYR\_1832 | -1.765698 .571473 -3.09 0.002 -2.886004 -.6453928

\_IBYR\_1833 | -1.484314 .5572513 -2.66 0.008 -2.57674 -.3918882

\_IBYR\_1834 | -1.563785 .5733012 -2.73 0.006 -2.687674 -.439895

\_IBYR\_1835 | -1.500866 .5517077 -2.72 0.007 -2.582424 -.4193081

\_IBYR\_1836 | -1.125045 .5800045 -1.94 0.052 -2.262075 .0119857

\_IBYR\_1837 | -1 .9792482 -1.02 0.307 -2.919701 .9197009

\_IBYR\_1838 | 1.460377 1.189101 1.23 0.219 -.8707153 3.79147

\_IBYR\_1839 | 1.252333 1.291305 0.97 0.332 -1.279119 3.783786

\_IBYR\_1840 | 2.173335 1.217506 1.79 0.074 -.2134414 4.560112

\_IBYR\_1841 | 2.136623 1.153312 1.85 0.064 -.1243103 4.397557

\_IBYR\_1842 | 1.983815 1.131146 1.75 0.080 -.233663 4.201293

\_IBYR\_1843 | 1.417881 1.05612 1.34 0.179 -.6525186 3.48828

\_IBYR\_1844 | 1.502774 .992868 1.51 0.130 -.4436267 3.449175

\_IBYR\_1845 | 1.64968 .9810166 1.68 0.093 -.2734878 3.572847

\_IBYR\_1846 | 1.432566 .9658737 1.48 0.138 -.4609159 3.326048

\_IBYR\_1847 | 1.310301 .9623023 1.36 0.173 -.5761794 3.196782

\_IBYR\_1848 | 1.204462 .9441938 1.28 0.202 -.646519 3.055443

\_IBYR\_1849 | 1.013984 .9403797 1.08 0.281 -.8295202 2.857488

\_IBYR\_1850 | .5998929 .9288488 0.65 0.518 -1.221006 2.420792

\_IBYR\_1851 | .9806569 .9438643 1.04 0.299 -.869678 2.830992

\_IBYR\_1852 | .1312448 .8914471 0.15 0.883 -1.616332 1.878822

\_IBYR\_1853 | .2697886 .8218812 0.33 0.743 -1.341413 1.88099

\_IBYR\_1854 | -.3614614 .6563021 -0.55 0.582 -1.648064 .9251417

\_IBYR\_1855 | -1.298487 .5318752 -2.44 0.015 -2.341166 -.2558082

\_IBYR\_1856 | -1.451071 .5574809 -2.60 0.009 -2.543947 -.3581955

yr\_1761 | .6852349 .4536553 1.51 0.131 -.204103 1.574573

yr\_1763 | .35 .4006937 0.87 0.382 -.435513 1.135513

yr\_1765 | .6721388 .6241503 1.08 0.282 -.5514344 1.895712

yr\_1766 | .5111946 .5841805 0.88 0.382 -.6340225 1.656412

yr\_1767 | -.4969806 .7963354 -0.62 0.533 -2.058103 1.064141

yr\_1768 | -1.319057 .5896179 -2.24 0.025 -2.474933 -.1631802

yr\_1769 | -1.37729 .5597852 -2.46 0.014 -2.474683 -.2798966

yr\_1770 | -2.176282 .4340309 -5.01 0.000 -3.027149 -1.325415

yr\_1773 | -1 .5579994 -1.79 0.073 -2.093892 .0938922

yr\_1775 | -.2192254 1.863701 -0.12 0.906 -3.872791 3.434341

yr\_1776 | .4683589 1.858104 0.25 0.801 -3.174235 4.110953

yr\_1777 | -.5675753 1.840094 -0.31 0.758 -4.174864 3.039713

yr\_1778 | -1.178487 1.835562 -0.64 0.521 -4.77689 2.419915

yr\_1779 | -.8032165 1.835277 -0.44 0.662 -4.40106 2.794627

yr\_1780 | -.4050298 1.822201 -0.22 0.824 -3.97724 3.16718

yr\_1781 | -.4043989 1.81037 -0.22 0.823 -3.953417 3.144619

yr\_1782 | .1487435 1.795454 0.08 0.934 -3.371033 3.66852

yr\_1783 | .0181697 1.799782 0.01 0.992 -3.510091 3.54643

yr\_1784 | -.008974 1.761559 -0.01 0.996 -3.462304 3.444356

yr\_1785 | .0849538 1.743339 0.05 0.961 -3.332657 3.502565

yr\_1786 | .3756473 1.726716 0.22 0.828 -3.009376 3.760671

yr\_1787 | .1558687 1.693873 0.09 0.927 -3.164769 3.476507

yr\_1788 | 1.059751 1.623171 0.65 0.514 -2.122284 4.241787

yr\_1790 | .388455 1.439784 0.27 0.787 -2.434071 3.210981

yr\_1793 | -.0945867 1.348076 -0.07 0.944 -2.737331 2.548157

yr\_1794 | .0162489 1.344621 0.01 0.990 -2.619723 2.652221

yr\_1795 | -.3169373 1.341825 -0.24 0.813 -2.947427 2.313552

yr\_1796 | -.4940156 1.336315 -0.37 0.712 -3.113703 2.125672

yr\_1797 | -.051713 1.338377 -0.04 0.969 -2.675443 2.572017

yr\_1798 | -.1731609 1.335791 -0.13 0.897 -2.791823 2.445501

yr\_1799 | -.0617896 1.32314 -0.05 0.963 -2.655651 2.532072

yr\_1800 | -.2178262 1.311613 -0.17 0.868 -2.789089 2.353436

yr\_1801 | -.3512136 1.304873 -0.27 0.788 -2.909264 2.206836

yr\_1802 | -.3757891 1.314806 -0.29 0.775 -2.953312 2.201734

yr\_1803 | -.445971 1.290844 -0.35 0.730 -2.976518 2.084576

yr\_1804 | -.224697 1.296346 -0.17 0.862 -2.76603 2.316636

yr\_1805 | -.2932204 1.280439 -0.23 0.819 -2.80337 2.216929

yr\_1806 | -.5858608 1.285195 -0.46 0.649 -3.105334 1.933612

yr\_1807 | -.4393933 1.268644 -0.35 0.729 -2.92642 2.047634

yr\_1808 | -.6919104 1.270484 -0.54 0.586 -3.182545 1.798724

yr\_1809 | -.6203893 1.268981 -0.49 0.625 -3.108078 1.8673

yr\_1810 | -.767687 1.252884 -0.61 0.540 -3.223819 1.688445

yr\_1811 | -.7909482 1.2522 -0.63 0.528 -3.245739 1.663843

yr\_1812 | -.9862619 1.242746 -0.79 0.427 -3.422519 1.449995

yr\_1813 | -.8598451 1.239117 -0.69 0.488 -3.288989 1.569298

yr\_1814 | -1.137936 1.23595 -0.92 0.357 -3.560871 1.284999

yr\_1815 | -1.187093 1.222286 -0.97 0.331 -3.583242 1.209056

yr\_1816 | -1.376774 1.218094 -1.13 0.258 -3.764704 1.011157

yr\_1817 | -1.345183 1.214019 -1.11 0.268 -3.725124 1.034759

yr\_1818 | -1.024804 1.203669 -0.85 0.395 -3.384456 1.334847

yr\_1819 | -.3580184 1.207592 -0.30 0.767 -2.725361 2.009324

yr\_1820 | -.3348728 1.059307 -0.32 0.752 -2.411519 1.741774

yr\_1821 | -.1473728 .9237155 -0.16 0.873 -1.958208 1.663463

yr\_1822 | .4650932 .8823993 0.53 0.598 -1.264747 2.194933

yr\_1823 | .2818958 .8320019 0.34 0.735 -1.349146 1.912938

yr\_1824 | -.0100404 .8073616 -0.01 0.990 -1.592778 1.572697

yr\_1825 | .3264001 .789351 0.41 0.679 -1.22103 1.87383

yr\_1826 | -.1009567 .7677064 -0.13 0.895 -1.605955 1.404041

yr\_1827 | -.4329919 .6702641 -0.65 0.518 -1.746966 .880982

yr\_1830 | .7366668 .8479252 0.87 0.385 -.9255909 2.398925

yr\_1831 | -.2945832 .4448661 -0.66 0.508 -1.166691 .5775244

yr\_1836 | -1.350974 1.428525 -0.95 0.344 -4.15143 1.449481

yr\_1837 | -1.139974 1.253514 -0.91 0.363 -3.597341 1.317392

yr\_1838 | -.9127017 1.168986 -0.78 0.435 -3.204361 1.378957

yr\_1839 | -1.788959 1.009255 -1.77 0.076 -3.767484 .1895665

yr\_1840 | -.8870701 .7798681 -1.14 0.255 -2.41591 .6417697

yr\_1841 | -.712963 .5213236 -1.37 0.171 -1.734957 .3090306

yr\_1852 | .6299092 .4583632 1.37 0.169 -.2686579 1.528476

yr\_1853 | .5645374 .4052073 1.39 0.164 -.2298238 1.358899

yr\_1854 | .3275071 .332977 0.98 0.325 -.3252553 .9802694

yr\_1855 | .8317812 .2953959 2.82 0.005 .2526923 1.41087

yr\_1856 | .9095199 .2694875 3.37 0.001 .3812214 1.437818

yr\_1857 | .6731996 .2954874 2.28 0.023 .0939313 1.252468

yr\_1858 | .7426883 .2471767 3.00 0.003 .2581274 1.227249

yr\_1859 | .2914233 .2554664 1.14 0.254 -.2093886 .7922352

yr\_1862 | -2.92698 1.130642 -2.59 0.010 -5.143471 -.7104892

yr\_1863 | -2.924897 1.255231 -2.33 0.020 -5.385629 -.4641647

yr\_1864 | -3.535243 1.072413 -3.30 0.001 -5.637583 -1.432904

yr\_1865 | -3.014947 1.024628 -2.94 0.003 -5.02361 -1.006283

yr\_1866 | -3.310738 .965624 -3.43 0.001 -5.20373 -1.417746

yr\_1867 | -2.795905 .8793837 -3.18 0.001 -4.519833 -1.071977

yr\_1868 | -3.269252 .8474669 -3.86 0.000 -4.930611 -1.607893

yr\_1869 | -2.660244 .8499386 -3.13 0.002 -4.326449 -.9940398

yr\_1870 | -2.01812 .8231037 -2.45 0.014 -3.631718 -.404522

yr\_1871 | -2.552077 .8135019 -3.14 0.002 -4.146852 -.9573024

yr\_1872 | -2.514373 .8048005 -3.12 0.002 -4.092089 -.9366561

yr\_1873 | -1.923458 .8382593 -2.29 0.022 -3.566767 -.2801494

yr\_1874 | -2.089538 .7810743 -2.68 0.007 -3.620742 -.5583336

yr\_1875 | -1.860888 .7652929 -2.43 0.015 -3.361155 -.3606211

yr\_1876 | -1.460965 .6938125 -2.11 0.035 -2.821103 -.1008272

yr\_1877 | -1.301039 .4626998 -2.81 0.005 -2.208107 -.3939701

yr\_1878 | .0004978 .3355497 0.00 0.999 -.6573081 .6583036

\_cons | 69.5 .5039703 137.90 0.000 68.51203 70.48797

------------------------------------------------------------------------------

. test $N\_YR\_dums

( 1) yr\_1761 = 0

( 2) yr\_1763 = 0

( 3) yr\_1765 = 0

( 4) yr\_1766 = 0

( 5) yr\_1767 = 0

( 6) yr\_1768 = 0

( 7) yr\_1769 = 0

( 8) yr\_1770 = 0

( 9) yr\_1773 = 0

(10) yr\_1775 = 0

(11) yr\_1776 = 0

(12) yr\_1777 = 0

(13) yr\_1778 = 0

(14) yr\_1779 = 0

(15) yr\_1780 = 0

(16) yr\_1781 = 0

(17) yr\_1782 = 0

(18) yr\_1783 = 0

(19) yr\_1784 = 0

(20) yr\_1785 = 0

(21) yr\_1786 = 0

(22) yr\_1787 = 0

(23) yr\_1788 = 0

(24) yr\_1790 = 0

(25) yr\_1793 = 0

(26) yr\_1794 = 0

(27) yr\_1795 = 0

(28) yr\_1796 = 0

(29) yr\_1797 = 0

(30) yr\_1798 = 0

(31) yr\_1799 = 0

(32) yr\_1800 = 0

(33) yr\_1801 = 0

(34) yr\_1802 = 0

(35) yr\_1803 = 0

(36) yr\_1804 = 0

(37) yr\_1805 = 0

(38) yr\_1806 = 0

(39) yr\_1807 = 0

(40) yr\_1808 = 0

(41) yr\_1809 = 0

(42) yr\_1810 = 0

(43) yr\_1811 = 0

(44) yr\_1812 = 0

(45) yr\_1813 = 0

(46) yr\_1814 = 0

(47) yr\_1815 = 0

(48) yr\_1816 = 0

(49) yr\_1817 = 0

(50) yr\_1818 = 0

(51) yr\_1819 = 0

(52) yr\_1820 = 0

(53) yr\_1821 = 0

(54) yr\_1822 = 0

(55) yr\_1823 = 0

(56) yr\_1824 = 0

(57) yr\_1825 = 0

(58) yr\_1826 = 0

(59) yr\_1827 = 0

(60) yr\_1830 = 0

(61) yr\_1831 = 0

(62) yr\_1836 = 0

(63) yr\_1837 = 0

(64) yr\_1838 = 0

(65) yr\_1839 = 0

(66) yr\_1840 = 0

(67) yr\_1841 = 0

(68) yr\_1852 = 0

(69) yr\_1853 = 0

(70) yr\_1854 = 0

(71) yr\_1855 = 0

(72) yr\_1856 = 0

(73) yr\_1857 = 0

(74) yr\_1858 = 0

(75) yr\_1859 = 0

(76) yr\_1862 = 0

(77) yr\_1863 = 0

(78) yr\_1864 = 0

(79) yr\_1865 = 0

(80) yr\_1866 = 0

(81) yr\_1867 = 0

(82) yr\_1868 = 0

(83) yr\_1869 = 0

(84) yr\_1870 = 0

(85) yr\_1871 = 0

(86) yr\_1872 = 0

(87) yr\_1873 = 0

(88) yr\_1874 = 0

(89) yr\_1875 = 0

(90) yr\_1876 = 0

(91) yr\_1877 = 0

(92) yr\_1878 = 0

F( 92, 5671) = 2.40

Prob > F = 0.0000

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $MoreEff , robust

Linear regression Number of obs = 5879

F(207, 5671) = 5.45

Prob > F = 0.0000

R-squared = 0.1176

Root MSE = 1.3626

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1734 | -.6080537 .6503733 -0.93 0.350 -1.883034 .6669267

by\_1735 | .0067114 .6055483 0.01 0.991 -1.180395 1.193818

by\_1736 | -.175 .6204023 -0.28 0.778 -1.391226 1.041226

by\_1737 | -.125 .6068873 -0.21 0.837 -1.314731 1.064731

by\_1739 | .3214286 .5697669 0.56 0.573 -.7955324 1.43839

by\_1740 | -.1416667 .6829608 -0.21 0.836 -1.480531 1.197198

by\_1741 | -.6170876 .8004134 -0.77 0.441 -2.186204 .9520287

by\_1742 | -.9700919 .8022014 -1.21 0.227 -2.542713 .6025296

by\_1743 | 1.242561 .7600901 1.63 0.102 -.2475061 2.732628

by\_1744 | 1.113519 .7807399 1.43 0.154 -.4170296 2.644068

by\_1745 | 1.524858 .7968104 1.91 0.056 -.0371948 3.086911

by\_1746 | 1.635198 .8217889 1.99 0.047 .0241778 3.246219

by\_1747 | .794686 .9105181 0.87 0.383 -.9902776 2.57965

by\_1748 | -.0684092 .9899198 -0.07 0.945 -2.00903 1.872212

by\_1749 | -.125 .7690555 -0.16 0.871 -1.632643 1.382643

by\_1750 | .25 .550073 0.45 0.649 -.8283535 1.328353

by\_1751 | -.1272431 .6204789 -0.21 0.838 -1.343619 1.089133

by\_1752 | -.3236541 .5807046 -0.56 0.577 -1.462057 .8147489

by\_1753 | -.1313805 .6034753 -0.22 0.828 -1.314423 1.051662

by\_1754 | -.1961522 .6029001 -0.33 0.745 -1.378067 .9857626

by\_1755 | -.0838095 .6151797 -0.14 0.892 -1.289797 1.122178

by\_1756 | -.006456 .6812844 -0.01 0.992 -1.342034 1.329122

by\_1757 | -.6510303 .6936907 -0.94 0.348 -2.010929 .7088687

by\_1758 | -.7668685 .7316212 -1.05 0.295 -2.201126 .6673888

by\_1759 | -.7482483 .7658477 -0.98 0.329 -2.249603 .7531061

by\_1760 | .1122672 .8105965 0.14 0.890 -1.476812 1.701346

by\_1761 | -.0912037 .8129425 -0.11 0.911 -1.684882 1.502475

by\_1762 | .2851223 .8786527 0.32 0.746 -1.437373 2.007618

by\_1763 | -.1885857 .9154194 -0.21 0.837 -1.983158 1.605986

by\_1764 | -.6198857 .9399762 -0.66 0.510 -2.462599 1.222827

by\_1765 | -1.23268 1.066279 -1.16 0.248 -3.322994 .8576337

by\_1766 | -.0192308 .5522201 -0.03 0.972 -1.101793 1.063332

by\_1767 | -1.000537 1.344395 -0.74 0.457 -3.636066 1.634991

by\_1768 | -1.301796 1.401176 -0.93 0.353 -4.048637 1.445046

by\_1769 | -.6713562 1.395886 -0.48 0.631 -3.407826 2.065114

by\_1770 | -.6383642 1.395258 -0.46 0.647 -3.373603 2.096875

by\_1771 | -.7070926 1.403781 -0.50 0.614 -3.45904 2.044855

by\_1772 | -.5362317 1.406701 -0.38 0.703 -3.293904 2.221441

by\_1773 | -.9587171 1.414772 -0.68 0.498 -3.732211 1.814777

by\_1774 | -.9372336 1.424033 -0.66 0.510 -3.728883 1.854416

by\_1775 | -1.036079 1.428961 -0.73 0.468 -3.837389 1.765232

by\_1776 | -.9383561 1.426633 -0.66 0.511 -3.735102 1.85839

by\_1777 | -.6888858 1.431036 -0.48 0.630 -3.494264 2.116492

by\_1778 | -1.162908 1.438612 -0.81 0.419 -3.983137 1.657321

by\_1779 | -.7907324 1.452681 -0.54 0.586 -3.638543 2.057078

by\_1780 | -.6762885 1.446369 -0.47 0.640 -3.511724 2.159147

by\_1781 | -1.016787 1.453527 -0.70 0.484 -3.866256 1.832682

by\_1782 | -.7571935 1.456696 -0.52 0.603 -3.612876 2.098489

by\_1783 | -.5868156 1.4688 -0.40 0.690 -3.466226 2.292595

by\_1784 | -.6578606 1.466211 -0.45 0.654 -3.532194 2.216473

by\_1785 | -.3193456 1.481015 -0.22 0.829 -3.222701 2.58401

by\_1786 | -.3391303 1.486855 -0.23 0.820 -3.253935 2.575675

by\_1787 | -.6923603 1.483912 -0.47 0.641 -3.601396 2.216675

by\_1788 | -.5293679 1.488303 -0.36 0.722 -3.44701 2.388274

by\_1789 | -.0311979 1.494489 -0.02 0.983 -2.960968 2.898572

by\_1790 | -.0864185 1.506312 -0.06 0.954 -3.039367 2.86653

by\_1791 | -.1322408 1.506131 -0.09 0.930 -3.084834 2.820352

by\_1792 | -.0647884 1.509542 -0.04 0.966 -3.024068 2.894491

by\_1793 | -.0195511 1.511457 -0.01 0.990 -2.982585 2.943483

by\_1794 | -.3315366 1.51675 -0.22 0.827 -3.304946 2.641873

by\_1795 | -.1656025 1.539968 -0.11 0.914 -3.184529 2.853324

by\_1796 | -.1968525 1.685112 -0.12 0.907 -3.500316 3.106611

by\_1797 | -.9051859 1.633322 -0.55 0.579 -4.107121 2.29675

by\_1798 | -1.238519 1.732167 -0.72 0.475 -4.634228 2.15719

by\_1799 | -1.147146 1.77185 -0.65 0.517 -4.620649 2.326356

by\_1800 | -1.298936 1.764885 -0.74 0.462 -4.758785 2.160913

by\_1801 | -1.438252 1.775011 -0.81 0.418 -4.917952 2.041448

by\_1802 | -.9671329 1.790074 -0.54 0.589 -4.476362 2.542096

by\_1803 | -.7926049 1.792623 -0.44 0.658 -4.306831 2.721622

by\_1804 | -.8337331 1.844377 -0.45 0.651 -4.449417 2.781951

by\_1805 | -.2579755 2.043474 -0.13 0.900 -4.263965 3.748014

by\_1806 | -.8204755 1.920717 -0.43 0.669 -4.585815 2.944864

by\_1807 | -.9142255 1.895227 -0.48 0.630 -4.629595 2.801144

by\_1808 | -1.135892 1.88854 -0.60 0.548 -4.838154 2.566369

by\_1809 | -1.620225 1.981081 -0.82 0.413 -5.5039 2.263451

by\_1810 | -1.009286 .6972503 -1.45 0.148 -2.376163 .3575916

by\_1811 | .25 .7044924 0.35 0.723 -1.131074 1.631074

by\_1812 | -.4 .6890562 -0.58 0.562 -1.750814 .9508136

by\_1813 | -1.175 .699925 -1.68 0.093 -2.547121 .1971207

by\_1814 | -1.461 .8921483 -1.64 0.102 -3.209952 .2879518

by\_1815 | -1.049384 1.104303 -0.95 0.342 -3.21424 1.115473

by\_1816 | -.8250155 1.15652 -0.71 0.476 -3.092237 1.442206

by\_1817 | -.8701544 1.359184 -0.64 0.522 -3.534674 1.794365

by\_1818 | -1.267641 1.442288 -0.88 0.379 -4.095077 1.559795

by\_1819 | -1.911319 1.525089 -1.25 0.210 -4.901076 1.078438

by\_1821 | .2 1.47442 0.14 0.892 -2.690426 3.090426

by\_1828 | -1.170119 .5706119 -2.05 0.040 -2.288737 -.0515016

by\_1829 | -.7098588 .6245983 -1.14 0.256 -1.93431 .5145927

by\_1830 | -.7843976 .6286062 -1.25 0.212 -2.016706 .4479108

by\_1831 | -.991764 .6332651 -1.57 0.117 -2.233206 .2496778

by\_1832 | -1.135789 .6337875 -1.79 0.073 -2.378255 .1066767

by\_1833 | -.8544047 .6545986 -1.31 0.192 -2.137668 .4288589

by\_1834 | -.9338755 .6879605 -1.36 0.175 -2.282541 .4147901

by\_1835 | -.8709569 .6819004 -1.28 0.202 -2.207743 .4658287

by\_1836 | -.4951357 .7131626 -0.69 0.488 -1.893207 .9029356

by\_1837 | -.3700908 1.081214 -0.34 0.732 -2.489684 1.749502

by\_1838 | -1.466603 .5886967 -2.49 0.013 -2.620673 -.312532

by\_1839 | -1.674647 .5730769 -2.92 0.003 -2.798097 -.551197

by\_1840 | -.7536447 .6959445 -1.08 0.279 -2.117962 .6106726

by\_1841 | -.7903569 .6965361 -1.13 0.257 -2.155834 .5751202

by\_1842 | -.9431653 .7119223 -1.32 0.185 -2.338805 .4524748

by\_1843 | -1.509099 .8191056 -1.84 0.065 -3.11486 .0966609

by\_1844 | -1.424206 .928838 -1.53 0.125 -3.245083 .3966719

by\_1845 | -1.2773 .9464008 -1.35 0.177 -3.132608 .5780073

by\_1846 | -1.494414 .9398432 -1.59 0.112 -3.336866 .3480377

by\_1847 | -1.616679 .9411909 -1.72 0.086 -3.461773 .2284151

by\_1848 | -1.722518 .9543406 -1.80 0.071 -3.593391 .1483544

by\_1849 | -1.912996 .9703001 -1.97 0.049 -3.815156 -.0108371

by\_1850 | -2.327087 .9845294 -2.36 0.018 -4.257141 -.3970331

by\_1851 | -1.946323 .993868 -1.96 0.050 -3.894684 .0020382

by\_1852 | -2.795735 1.007206 -2.78 0.006 -4.770245 -.8212259

by\_1853 | -2.657191 1.053962 -2.52 0.012 -4.723359 -.5910237

by\_1854 | -3.288441 1.164299 -2.82 0.005 -5.570912 -1.005971

by\_1855 | -4.225467 1.231532 -3.43 0.001 -6.63974 -1.811194

by\_1856 | -4.378051 1.26061 -3.47 0.001 -6.849328 -1.906775

yr\_1761 | .6852349 .4536553 1.51 0.131 -.204103 1.574573

yr\_1763 | .35 .4006937 0.87 0.382 -.435513 1.135513

yr\_1765 | .6721388 .6241503 1.08 0.282 -.5514344 1.895712

yr\_1766 | .5111946 .5841805 0.88 0.382 -.6340225 1.656412

yr\_1768 | -.8220762 .5957218 -1.38 0.168 -1.989919 .3457664

yr\_1769 | -.8803089 .5836451 -1.51 0.132 -2.024476 .2638586

yr\_1770 | -1.679301 .6676581 -2.52 0.012 -2.988166 -.3704363

yr\_1771 | .4969806 .7963354 0.62 0.533 -1.064141 2.058103

yr\_1774 | 1 .5579994 1.79 0.073 -.0938922 2.093892

yr\_1776 | .6875843 .3993255 1.72 0.085 -.0952465 1.470415

yr\_1777 | -.34835 .314749 -1.11 0.268 -.9653783 .2686784

yr\_1778 | -.959262 .323453 -2.97 0.003 -1.593354 -.3251705

yr\_1779 | -.5839911 .3695748 -1.58 0.114 -1.308499 .1405168

yr\_1780 | -.1858044 .4129901 -0.45 0.653 -.995423 .6238141

yr\_1781 | -.1851736 .4990733 -0.37 0.711 -1.163548 .793201

yr\_1782 | .3679689 .5357048 0.69 0.492 -.6822174 1.418155

yr\_1783 | .2373951 .5799116 0.41 0.682 -.8994534 1.374244

yr\_1784 | .2102514 .6085134 0.35 0.730 -.9826676 1.40317

yr\_1785 | .3041791 .7089797 0.43 0.668 -1.085692 1.694051

yr\_1786 | .5948727 .7162719 0.83 0.406 -.8092942 1.999039

yr\_1787 | .3750941 .7772876 0.48 0.629 -1.148687 1.898875

yr\_1788 | 1.278977 .9158036 1.40 0.163 -.5163486 3.074302

yr\_1790 | .6076803 1.183386 0.51 0.608 -1.712209 2.92757

yr\_1793 | .1246387 1.299953 0.10 0.924 -2.423767 2.673044

yr\_1794 | .2354743 1.294105 0.18 0.856 -2.301466 2.772414

yr\_1795 | -.097712 1.307787 -0.07 0.940 -2.661475 2.466051

yr\_1796 | -.2747902 1.309833 -0.21 0.834 -2.842563 2.292983

yr\_1797 | .1675123 1.319166 0.13 0.899 -2.418557 2.753582

yr\_1798 | .0460644 1.332567 0.03 0.972 -2.566277 2.658406

yr\_1799 | .1574358 1.329679 0.12 0.906 -2.449243 2.764114

yr\_1800 | .0013991 1.329184 0.00 0.999 -2.60431 2.607108

yr\_1801 | -.1319883 1.338864 -0.10 0.921 -2.756674 2.492697

yr\_1802 | -.1565637 1.366545 -0.11 0.909 -2.835515 2.522388

yr\_1803 | -.2267456 1.349809 -0.17 0.867 -2.872887 2.419396

yr\_1804 | -.0054716 1.364444 -0.00 0.997 -2.680304 2.669361

yr\_1805 | -.0739951 1.35763 -0.05 0.957 -2.73547 2.58748

yr\_1806 | -.3666354 1.371369 -0.27 0.789 -3.055043 2.321772

yr\_1807 | -.2201679 1.368936 -0.16 0.872 -2.903807 2.463471

yr\_1808 | -.472685 1.385982 -0.34 0.733 -3.18974 2.24437

yr\_1809 | -.401164 1.397728 -0.29 0.774 -3.141246 2.338918

yr\_1810 | -.5484616 1.389424 -0.39 0.693 -3.272263 2.17534

yr\_1811 | -.5717228 1.40397 -0.41 0.684 -3.324041 2.180596

yr\_1812 | -.7670366 1.395649 -0.55 0.583 -3.503043 1.96897

yr\_1813 | -.6406198 1.400489 -0.46 0.647 -3.386113 2.104874

yr\_1814 | -.9187107 1.427842 -0.64 0.520 -3.717827 1.880406

yr\_1815 | -.9678673 1.412119 -0.69 0.493 -3.736161 1.800426

yr\_1816 | -1.157548 1.419585 -0.82 0.415 -3.940478 1.625381

yr\_1817 | -1.125958 1.423232 -0.79 0.429 -3.916036 1.664121

yr\_1818 | -.8055788 1.426605 -0.56 0.572 -3.60227 1.991112

yr\_1819 | -.1387931 1.460354 -0.10 0.924 -3.001646 2.72406

yr\_1820 | -.1156475 1.533378 -0.08 0.940 -3.121655 2.89036

yr\_1821 | .0718525 1.618682 0.04 0.965 -3.101382 3.245087

yr\_1822 | .6843185 1.707535 0.40 0.689 -2.663104 4.031741

yr\_1823 | .5011211 1.684825 0.30 0.766 -2.801779 3.804022

yr\_1824 | .209185 1.686438 0.12 0.901 -3.096879 3.515249

yr\_1825 | .5456255 1.711918 0.32 0.750 -2.810388 3.901639

yr\_1826 | .1182687 1.703816 0.07 0.945 -3.221861 3.458399

yr\_1827 | -.2137665 1.739002 -0.12 0.902 -3.622874 3.195341

yr\_1830 | .9558922 1.948473 0.49 0.624 -2.863859 4.775644

yr\_1831 | -.0753578 1.809827 -0.04 0.967 -3.623311 3.472596

yr\_1832 | .2192254 1.863701 0.12 0.906 -3.434341 3.872791

yr\_1837 | .2110001 .6851174 0.31 0.758 -1.132092 1.554092

yr\_1838 | .4382728 .82107 0.53 0.594 -1.171338 2.047884

yr\_1839 | -.4379842 1.010984 -0.43 0.665 -2.419899 1.543931

yr\_1840 | .4639044 1.196866 0.39 0.698 -1.882411 2.81022

yr\_1841 | .6380115 1.330002 0.48 0.631 -1.969301 3.245324

yr\_1842 | 1.350974 1.428525 0.95 0.344 -1.449481 4.15143

yr\_1853 | -.0653718 .4194203 -0.16 0.876 -.887596 .7568524

yr\_1854 | -.3024021 .3870346 -0.78 0.435 -1.061138 .4563337

yr\_1855 | .201872 .3551954 0.57 0.570 -.4944467 .8981907

yr\_1856 | .2796108 .3965424 0.71 0.481 -.497764 1.056986

yr\_1857 | .0432905 .4478397 0.10 0.923 -.8346466 .9212275

yr\_1858 | .1127792 .4283641 0.26 0.792 -.7269783 .9525367

yr\_1859 | -.3384859 .4503675 -0.75 0.452 -1.221378 .5444067

yr\_1860 | -.6299092 .4583632 -1.37 0.169 -1.528476 .2686579

yr\_1863 | .0020831 .5305646 0.00 0.997 -1.038026 1.042193

yr\_1864 | -.608263 .416479 -1.46 0.144 -1.424721 .2081951

yr\_1865 | -.0879666 .4780047 -0.18 0.854 -1.025039 .8491055

yr\_1866 | -.3837578 .5881512 -0.65 0.514 -1.536759 .7692435

yr\_1867 | .131075 .7254416 0.18 0.857 -1.291068 1.553218

yr\_1868 | -.3422717 .7889749 -0.43 0.664 -1.888964 1.204421

yr\_1869 | .2667356 .8139665 0.33 0.743 -1.32895 1.862421

yr\_1870 | .90886 .7863151 1.16 0.248 -.6326183 2.450338

yr\_1871 | .3749028 .7963129 0.47 0.638 -1.186175 1.935981

yr\_1872 | .4126072 .8203008 0.50 0.615 -1.195496 2.02071

yr\_1873 | 1.003522 .8643932 1.16 0.246 -.6910192 2.698063

yr\_1874 | .8374421 .8330897 1.01 0.315 -.7957323 2.470616

yr\_1875 | 1.066092 .8443144 1.26 0.207 -.5890868 2.721271

yr\_1876 | 1.466015 .892735 1.64 0.101 -.2840869 3.216117

yr\_1877 | 1.625941 1.03163 1.58 0.115 -.3964479 3.648331

yr\_1878 | 2.927478 1.097786 2.67 0.008 .7753975 5.079558

yr\_1879 | 2.92698 1.130642 2.59 0.010 .7104892 5.143471

\_cons | 69.5 .5039703 137.90 0.000 68.51203 70.48797

------------------------------------------------------------------------------

. test $YR\_dums

( 1) yr\_1761 = 0

( 2) yr\_1763 = 0

( 3) yr\_1765 = 0

( 4) yr\_1766 = 0

( 5) yr\_1768 = 0

( 6) yr\_1769 = 0

( 7) yr\_1770 = 0

( 8) yr\_1771 = 0

( 9) yr\_1774 = 0

(10) yr\_1776 = 0

(11) yr\_1777 = 0

(12) yr\_1778 = 0

(13) yr\_1779 = 0

(14) yr\_1780 = 0

(15) yr\_1781 = 0

(16) yr\_1782 = 0

(17) yr\_1783 = 0

(18) yr\_1784 = 0

(19) yr\_1785 = 0

(20) yr\_1786 = 0

(21) yr\_1787 = 0

(22) yr\_1788 = 0

(23) yr\_1790 = 0

(24) yr\_1793 = 0

(25) yr\_1794 = 0

(26) yr\_1795 = 0

(27) yr\_1796 = 0

(28) yr\_1797 = 0

(29) yr\_1798 = 0

(30) yr\_1799 = 0

(31) yr\_1800 = 0

(32) yr\_1801 = 0

(33) yr\_1802 = 0

(34) yr\_1803 = 0

(35) yr\_1804 = 0

(36) yr\_1805 = 0

(37) yr\_1806 = 0

(38) yr\_1807 = 0

(39) yr\_1808 = 0

(40) yr\_1809 = 0

(41) yr\_1810 = 0

(42) yr\_1811 = 0

(43) yr\_1812 = 0

(44) yr\_1813 = 0

(45) yr\_1814 = 0

(46) yr\_1815 = 0

(47) yr\_1816 = 0

(48) yr\_1817 = 0

(49) yr\_1818 = 0

(50) yr\_1819 = 0

(51) yr\_1820 = 0

(52) yr\_1821 = 0

(53) yr\_1822 = 0

(54) yr\_1823 = 0

(55) yr\_1824 = 0

(56) yr\_1825 = 0

(57) yr\_1826 = 0

(58) yr\_1827 = 0

(59) yr\_1830 = 0

(60) yr\_1831 = 0

(61) yr\_1832 = 0

(62) yr\_1837 = 0

(63) yr\_1838 = 0

(64) yr\_1839 = 0

(65) yr\_1840 = 0

(66) yr\_1841 = 0

(67) yr\_1842 = 0

(68) yr\_1853 = 0

(69) yr\_1854 = 0

(70) yr\_1855 = 0

(71) yr\_1856 = 0

(72) yr\_1857 = 0

(73) yr\_1858 = 0

(74) yr\_1859 = 0

(75) yr\_1860 = 0

(76) yr\_1863 = 0

(77) yr\_1864 = 0

(78) yr\_1865 = 0

(79) yr\_1866 = 0

(80) yr\_1867 = 0

(81) yr\_1868 = 0

(82) yr\_1869 = 0

(83) yr\_1870 = 0

(84) yr\_1871 = 0

(85) yr\_1872 = 0

(86) yr\_1873 = 0

(87) yr\_1874 = 0

(88) yr\_1875 = 0

(89) yr\_1876 = 0

(90) yr\_1877 = 0

(91) yr\_1878 = 0

(92) yr\_1879 = 0

F( 92, 5671) = 2.40

Prob > F = 0.0000

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff , robust

Linear regression Number of obs = 5879

F(347, 5531) = 4.59

Prob > F = 0.0000

R-squared = 0.1437

Root MSE = 1.3591

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1734 | -1.520238 .9119329 -1.67 0.096 -3.307985 .2675087

by\_1735 | -.2916667 .6104698 -0.48 0.633 -1.488427 .905094

by\_1736 | -.55 .8501672 -0.65 0.518 -2.216662 1.116662

by\_1737 | -.25 .6397058 -0.39 0.696 -1.504075 1.004075

by\_1739 | .3214286 .5769328 0.56 0.577 -.8095864 1.452444

by\_1740 | -.3916667 .7939597 -0.49 0.622 -1.94814 1.164806

by\_1741 | -.625 .9830623 -0.64 0.525 -2.552188 1.302188

by\_1742 | -1.505952 .9340607 -1.61 0.107 -3.337078 .3251736

by\_1743 | 1.888095 1.038359 1.82 0.069 -.147497 3.923687

by\_1744 | 1.321429 .9541522 1.38 0.166 -.5490847 3.191942

by\_1745 | 1.992582 1.172291 1.70 0.089 -.305569 4.290734

by\_1746 | 1.938095 1.027076 1.89 0.059 -.0753768 3.951567

by\_1747 | 1.149634 1.128175 1.02 0.308 -1.062032 3.361299

by\_1748 | .2865385 1.194778 0.24 0.810 -2.055697 2.628774

by\_1749 | -.125 .7787278 -0.16 0.872 -1.651612 1.401612

by\_1750 | .25 .5569912 0.45 0.654 -.8419217 1.341922

by\_1751 | .0714286 .7127203 0.10 0.920 -1.325783 1.46864

by\_1752 | -.25 .5854836 -0.43 0.669 -1.397778 .897778

by\_1753 | .5884687 1.142105 0.52 0.606 -1.650505 2.827443

by\_1754 | .6777544 .9850218 0.69 0.491 -1.253275 2.608784

by\_1755 | .3531746 .6524926 0.54 0.588 -.9259674 1.632317

by\_1756 | -1.367141 1.235631 -1.11 0.269 -3.789462 1.05518

by\_1757 | -.103839 .7567369 -0.14 0.891 -1.587341 1.379663

by\_1758 | -1.894452 1.137244 -1.67 0.096 -4.123897 .3349934

by\_1759 | -.9277853 .9985808 -0.93 0.353 -2.885396 1.029826

by\_1760 | .2572721 .8959566 0.29 0.774 -1.499155 2.013699

by\_1761 | -.1754044 .9693801 -0.18 0.856 -2.07577 1.724961

by\_1762 | .6137783 1.201406 0.51 0.609 -1.741449 2.969005

by\_1763 | .0669033 1.049303 0.06 0.949 -1.990142 2.123949

by\_1764 | -.3497634 1.088159 -0.32 0.748 -2.482982 1.783456

by\_1765 | -.962558 1.201623 -0.80 0.423 -3.318212 1.393096

by\_1766 | -.0192308 .5591653 -0.03 0.973 -1.115414 1.076953

by\_1767 | -.7304151 1.459903 -0.50 0.617 -3.592398 2.131568

by\_1768 | 1.116046 2.324944 0.48 0.631 -3.441758 5.673849

by\_1769 | -1.427992 2.422854 -0.59 0.556 -6.177738 3.321753

by\_1770 | -2.378142 1.889674 -1.26 0.208 -6.082647 1.326362

by\_1771 | -1.335529 1.539037 -0.87 0.386 -4.352646 1.681588

by\_1772 | 1.482033 2.290207 0.65 0.518 -3.007673 5.971739

by\_1773 | -1.335044 2.384964 -0.56 0.576 -6.01051 3.340423

by\_1774 | -2.294809 1.837775 -1.25 0.212 -5.89757 1.307952

by\_1775 | -1.628142 1.720416 -0.95 0.344 -5.000833 1.744548

by\_1776 | .3471123 2.237209 0.16 0.877 -4.038697 4.732921

by\_1777 | -.9121048 2.361167 -0.39 0.699 -5.540921 3.716711

by\_1778 | -1.933698 1.782677 -1.08 0.278 -5.428445 1.561049

by\_1779 | -2.681975 2.285056 -1.17 0.241 -7.161582 1.797632

by\_1780 | .0194608 2.166058 0.01 0.993 -4.226863 4.265785

by\_1781 | -.6509937 2.158413 -0.30 0.763 -4.882331 3.580344

by\_1782 | -1.528936 1.829938 -0.84 0.403 -5.116333 2.058461

by\_1783 | -1.310763 2.238128 -0.59 0.558 -5.698372 3.076847

by\_1784 | -.5286161 2.1251 -0.25 0.804 -4.694647 3.637415

by\_1785 | -1.528936 1.882241 -0.81 0.417 -5.218868 2.160996

by\_1786 | -1.441567 2.202428 -0.65 0.513 -5.75919 2.876057

by\_1787 | -1.620138 2.192578 -0.74 0.460 -5.918453 2.678177

by\_1788 | -.7452828 2.076477 -0.36 0.720 -4.815994 3.325428

by\_1789 | -.8027847 1.928936 -0.42 0.677 -4.584257 2.978687

by\_1790 | -.690193 2.141617 -0.32 0.747 -4.888604 3.508218

by\_1791 | -1.117412 2.026662 -0.55 0.581 -5.090466 2.855643

by\_1792 | -.8531259 2.032773 -0.42 0.675 -4.838159 3.131907

by\_1793 | -.7685105 1.974348 -0.39 0.697 -4.639008 3.101987

by\_1794 | -.8330502 2.09489 -0.40 0.691 -4.939858 3.273757

by\_1795 | -.8406259 2.037072 -0.41 0.680 -4.834087 3.152835

by\_1796 | -.8718759 2.151653 -0.41 0.685 -5.089961 3.346209

by\_1797 | -1.580209 2.110308 -0.75 0.454 -5.717241 2.556823

by\_1798 | -1.913543 2.18963 -0.87 0.382 -6.206078 2.378992

by\_1799 | -1.892859 2.313707 -0.82 0.413 -6.428635 2.642917

by\_1800 | -2.667859 2.285966 -1.17 0.243 -7.149251 1.813533

by\_1801 | -2.170002 2.246294 -0.97 0.334 -6.573621 2.233617

by\_1802 | -3.272556 2.322532 -1.41 0.159 -7.825631 1.280519

by\_1803 | -1.654223 2.271215 -0.73 0.466 -6.106696 2.798251

by\_1804 | -2.361723 2.342251 -1.01 0.313 -6.953456 2.230011

by\_1805 | -1.785965 2.505952 -0.71 0.476 -6.698615 3.126685

by\_1806 | -2.348465 2.404339 -0.98 0.329 -7.061914 2.364984

by\_1807 | -2.442215 2.383509 -1.02 0.306 -7.114829 2.230399

by\_1808 | -2.663882 2.378061 -1.12 0.263 -7.325816 1.998053

by\_1809 | -3.148214 2.454044 -1.28 0.200 -7.959106 1.662677

by\_1810 | -1.009286 .7060195 -1.43 0.153 -2.393361 .3747901

by\_1811 | .25 .7133527 0.35 0.726 -1.148452 1.648452

by\_1812 | -.4 .6977224 -0.57 0.566 -1.76781 .96781

by\_1813 | -1.175 .7087279 -1.66 0.097 -2.564385 .2143852

by\_1814 | -1.461 .9033688 -1.62 0.106 -3.231958 .3099577

by\_1815 | -1.049384 1.118192 -0.94 0.348 -3.241479 1.142712

by\_1816 | -.8250155 1.171065 -0.70 0.481 -3.120764 1.470733

by\_1817 | -.8701544 1.376278 -0.63 0.527 -3.5682 1.827891

by\_1818 | -1.267641 1.460427 -0.87 0.385 -4.130653 1.595371

by\_1819 | -1.911319 1.544269 -1.24 0.216 -4.938694 1.116056

by\_1821 | .2 1.492963 0.13 0.893 -2.726795 3.126795

by\_1828 | -1.96443 1.226494 -1.60 0.109 -4.36884 .4399799

by\_1829 | -.8299998 .7273476 -1.14 0.254 -2.255887 .5958873

by\_1830 | -1.771964 1.052436 -1.68 0.092 -3.835152 .2912244

by\_1831 | -2.029574 1.233787 -1.64 0.100 -4.44828 .3891325

by\_1832 | -1.907379 1.177121 -1.62 0.105 -4.214998 .4002409

by\_1833 | -1.648295 .9840911 -1.67 0.094 -3.577501 .2809102

by\_1834 | -.7732951 1.107127 -0.70 0.485 -2.943698 1.397108

by\_1835 | -1.712045 1.044496 -1.64 0.101 -3.759668 .3355779

by\_1836 | -.9740453 1.086748 -0.90 0.370 -3.104499 1.156408

by\_1837 | -.8820455 1.329298 -0.66 0.507 -3.487991 1.7239

by\_1838 | -1.664545 1.349982 -1.23 0.218 -4.311041 .9819508

by\_1839 | -1.61 .563109 -2.86 0.004 -2.713915 -.5060847

by\_1840 | -.5385457 1.098883 -0.49 0.624 -2.692787 1.615696

by\_1841 | -.8408531 1.291237 -0.65 0.515 -3.372184 1.690478

by\_1842 | -.9696775 1.289677 -0.75 0.452 -3.49795 1.558596

by\_1843 | -1.535612 1.353337 -1.13 0.257 -4.188683 1.11746

by\_1844 | -1.430106 1.793877 -0.80 0.425 -4.946809 2.086598

by\_1845 | -.9217723 1.78031 -0.52 0.605 -4.411879 2.568334

by\_1846 | -1.70635 1.665309 -1.02 0.306 -4.97101 1.55831

by\_1847 | -1.788737 1.469967 -1.22 0.224 -4.670449 1.092975

by\_1848 | -1.364629 1.726479 -0.79 0.429 -4.749207 2.019949

by\_1849 | -2.007487 1.594676 -1.26 0.208 -5.133677 1.118704

by\_1850 | -1.579182 1.739575 -0.91 0.364 -4.989433 1.83107

by\_1851 | -1.482487 1.655975 -0.90 0.371 -4.728849 1.763876

by\_1852 | -2.345486 1.624612 -1.44 0.149 -5.530364 .8393919

by\_1853 | -2.145358 1.664643 -1.29 0.198 -5.408712 1.117995

by\_1854 | -2.776608 1.738386 -1.60 0.110 -6.184528 .6313116

by\_1855 | -4.774479 1.853278 -2.58 0.010 -8.407631 -1.141326

by\_1856 | -4.79018 1.86112 -2.57 0.010 -8.438706 -1.141654

yr\_1761 | 1.341667 .7381505 1.82 0.069 -.1053983 2.788732

yr\_1763 | .6 .5628051 1.07 0.286 -.5033192 1.703319

yr\_1765 | 1.505952 .8523296 1.77 0.077 -.1649486 3.176853

yr\_1766 | .7916667 .7406263 1.07 0.285 -.6602518 2.243585

yr\_1768 | -1.159249 1.093848 -1.06 0.289 -3.303621 .9851225

yr\_1769 | -1.138095 .8216255 -1.39 0.166 -2.748804 .4726136

yr\_1770 | -2.034249 .9379769 -2.17 0.030 -3.873052 -.1954458

yr\_1771 | .142033 1.035834 0.14 0.891 -1.888608 2.172674

yr\_1774 | 1 .5650173 1.77 0.077 -.1076559 2.107656

yr\_1776 | .1615313 1.082013 0.15 0.881 -1.959639 2.282702

yr\_1777 | -1.307065 .8578464 -1.52 0.128 -2.988781 .3746512

yr\_1778 | -1.25 .3775983 -3.31 0.001 -1.990241 -.5097589

yr\_1779 | .1449189 1.184258 0.12 0.903 -2.176693 2.46653

yr\_1780 | -.9634687 .4754359 -2.03 0.043 -1.89551 -.0314275

yr\_1781 | .8230234 1.05572 0.78 0.436 -1.246603 2.89265

yr\_1782 | .4536474 .9115711 0.50 0.619 -1.33339 2.240685

yr\_1783 | -.646161 .600056 -1.08 0.282 -1.822507 .5301845

yr\_1784 | .294452 .8010964 0.37 0.713 -1.276012 1.864916

yr\_1785 | -.0734557 1.113958 -0.07 0.947 -2.257252 2.110341

yr\_1786 | .3754044 .8601564 0.44 0.663 -1.31084 2.061649

yr\_1787 | .1049717 .947438 0.11 0.912 -1.752379 1.962322

yr\_1788 | 1.008854 1.066815 0.95 0.344 -1.082523 3.100232

yr\_1790 | .337558 1.309206 0.26 0.797 -2.229 2.904116

yr\_1793 | 1.522082 1.833893 0.83 0.407 -2.07307 5.117233

yr\_1794 | .3241651 1.421353 0.23 0.820 -2.462245 3.110575

yr\_1795 | -2.275136 2.247513 -1.01 0.311 -6.681145 2.130872

yr\_1796 | .0433769 2.351912 0.02 0.985 -4.567295 4.654049

yr\_1797 | 1.294809 1.810654 0.72 0.475 -2.254785 4.844403

yr\_1798 | .4917787 1.558139 0.32 0.752 -2.562785 3.546343

yr\_1799 | -1.454255 2.191682 -0.66 0.507 -5.750814 2.842304

yr\_1800 | .2331917 2.31709 0.10 0.920 -4.309215 4.775598

yr\_1801 | .6281424 1.695841 0.37 0.711 -2.696372 3.952657

yr\_1802 | 1.97743 2.279922 0.87 0.386 -2.492114 6.446973

yr\_1803 | -1.165294 2.112437 -0.55 0.581 -5.306501 2.975912

yr\_1804 | .0121048 2.137163 0.01 0.995 -4.177574 4.201784

yr\_1805 | .8503646 1.743433 0.49 0.626 -2.56745 4.268179

yr\_1806 | .7653083 2.219321 0.34 0.730 -3.585434 5.11605

yr\_1807 | -.3944608 2.070659 -0.19 0.849 -4.453765 3.664844

yr\_1808 | .228936 1.78495 0.13 0.898 -3.270267 3.728139

yr\_1809 | .7749 2.189913 0.35 0.723 -3.518191 5.067991

yr\_1810 | .2607631 2.146554 0.12 0.903 -3.947326 4.468852

yr\_1811 | -.6713839 2.029937 -0.33 0.741 -4.650858 3.308091

yr\_1812 | .013311 1.825936 0.01 0.994 -3.566241 3.592863

yr\_1813 | .2094238 2.120634 0.10 0.921 -3.947852 4.3667

yr\_1814 | -.3575884 1.981732 -0.18 0.857 -4.242562 3.527385

yr\_1815 | -.5880506 1.99235 -0.30 0.768 -4.493839 3.317738

yr\_1816 | -.6347153 1.900917 -0.33 0.738 -4.361259 3.091828

yr\_1817 | -.809807 2.038963 -0.40 0.691 -4.806976 3.187362

yr\_1818 | -.0968741 1.940889 -0.05 0.960 -3.90178 3.708032

yr\_1819 | .4239592 1.985794 0.21 0.831 -3.468977 4.316895

yr\_1820 | .5593759 2.031968 0.28 0.783 -3.424081 4.542833

yr\_1821 | .7468759 2.09871 0.36 0.722 -3.36742 4.861172

yr\_1822 | 1.303573 2.288586 0.57 0.569 -3.182955 5.790102

yr\_1823 | 2.130359 2.246929 0.95 0.343 -2.274505 6.535223

yr\_1824 | 1.036877 2.160769 0.48 0.631 -3.19908 5.272833

yr\_1825 | 2.506307 2.292247 1.09 0.274 -1.987397 7.000011

yr\_1826 | .767859 2.197538 0.35 0.727 -3.540179 5.075897

yr\_1827 | 1.314223 2.258093 0.58 0.561 -3.112527 5.740973

yr\_1830 | 2.483882 2.427129 1.02 0.306 -2.274245 7.242009

yr\_1831 | 1.452632 2.314453 0.63 0.530 -3.084607 5.98987

yr\_1832 | 1.747215 2.357883 0.74 0.459 -2.875161 6.369591

yr\_1837 | .2110001 .693734 0.30 0.761 -1.148991 1.570991

yr\_1838 | .4382728 .8313965 0.53 0.598 -1.191591 2.068137

yr\_1839 | -.4379842 1.023699 -0.43 0.669 -2.444836 1.568868

yr\_1840 | .4639044 1.211919 0.38 0.702 -1.911933 2.839742

yr\_1841 | .6380115 1.346729 0.47 0.636 -2.002107 3.27813

yr\_1842 | 1.350974 1.446491 0.93 0.350 -1.484717 4.186666

yr\_1853 | .990714 1.004525 0.99 0.324 -.9785502 2.959978

yr\_1854 | .9861125 1.146712 0.86 0.390 -1.261894 3.234119

yr\_1855 | .9227633 1.075181 0.86 0.391 -1.185013 3.03054

yr\_1856 | .9862498 .8167522 1.21 0.227 -.6149055 2.587405

yr\_1857 | -.6954549 1.02636 -0.68 0.498 -2.707524 1.316614

yr\_1858 | .9879073 .9518248 1.04 0.299 -.8780433 2.853858

yr\_1859 | .1073786 1.024045 0.10 0.916 -1.900152 2.11491

yr\_1860 | -.1179545 .8853434 -0.13 0.894 -1.853576 1.617667

yr\_1863 | -.1659998 .6080709 -0.27 0.785 -1.358058 1.026058

yr\_1864 | -.3628965 1.229162 -0.30 0.768 -2.772538 2.046745

yr\_1865 | -.0614543 1.173829 -0.05 0.958 -2.362621 2.239713

yr\_1866 | -.3572456 1.224043 -0.29 0.770 -2.756851 2.04236

yr\_1867 | .1979627 1.743925 0.11 0.910 -3.220815 3.61674

yr\_1868 | -.7158464 1.713949 -0.42 0.676 -4.075859 2.644167

yr\_1869 | .1678886 1.605606 0.10 0.917 -2.979731 3.315508

yr\_1870 | .9887365 1.368867 0.72 0.470 -1.694781 3.672254

yr\_1871 | .0551056 1.661432 0.03 0.974 -3.201955 3.312166

yr\_1872 | .5699865 1.529003 0.37 0.709 -2.427459 3.567433

yr\_1873 | 1.132487 1.48856 0.76 0.447 -1.785676 4.050649

yr\_1874 | .2324865 1.591163 0.15 0.884 -2.886819 3.351792

yr\_1875 | .7574865 1.529176 0.50 0.620 -2.240299 3.755272

yr\_1876 | .9541819 1.565002 0.61 0.542 -2.113837 4.022201

yr\_1877 | 1.114108 1.650237 0.68 0.500 -2.121004 4.349221

yr\_1878 | 3.731375 1.81158 2.06 0.039 .179967 7.282783

yr\_1879 | 3.339108 1.773447 1.88 0.060 -.1375449 6.815762

y1760\_b1734 | 1.270238 .8853193 1.43 0.151 -.4653356 3.005812

y1760\_b1736 | .5 .803238 0.62 0.534 -1.074662 2.074662

y1765\_b1740 | -.6142857 .8441483 -0.73 0.467 -2.269148 1.040577

y1765\_b1741 | -1.059524 .5854637 -1.81 0.070 -2.207263 .088215

y1767\_b1743 | -.8880952 1.180475 -0.75 0.452 -3.202291 1.426101

y1768\_b1743 | -.5344017 .8578753 -0.62 0.533 -2.216175 1.147371

y1768\_b1744 | -.0121795 .848391 -0.01 0.989 -1.675359 1.651

y1769\_b1745 | -.4378205 .7782678 -0.56 0.574 -1.963531 1.08789

y1775\_b1751 | -.3214286 .7899402 -0.41 0.684 -1.870022 1.227165

y1776\_b1751 | .8170401 1.234195 0.66 0.508 -1.602467 3.236547

y1776\_b1752 | -.1927813 1.125053 -0.17 0.864 -2.398328 2.012765

y1777\_b1751 | .6779439 .930945 0.73 0.467 -1.147074 2.502962

y1777\_b1752 | 1.018929 .8260585 1.23 0.217 -.60047 2.638328

y1777\_b1753 | .2453818 1.164134 0.21 0.833 -2.036778 2.527542

y1778\_b1753 | -.5621529 .968556 -0.58 0.562 -2.460903 1.336597

y1778\_b1754 | -.5840044 .7656522 -0.76 0.446 -2.084984 .9169748

y1779\_b1753 | -1.126245 1.47685 -0.76 0.446 -4.02145 1.768961

y1779\_b1754 | -1.398431 1.318108 -1.06 0.289 -3.982441 1.185579

y1779\_b1755 | -1.091843 1.141668 -0.96 0.339 -3.329962 1.146275

y1780\_b1756 | 2.86186 1.101754 2.60 0.009 .7019881 5.021732

y1781\_b1757 | -1.281684 .9547536 -1.34 0.180 -3.153377 .5900079

y1782\_b1757 | -.6324171 .8111389 -0.78 0.436 -2.222568 .9577338

y1782\_b1758 | 1.119376 .7997084 1.40 0.162 -.4483668 2.687119

y1783\_b1758 | 2.70728 .9489123 2.85 0.004 .8470387 4.567521

y1783\_b1759 | 1.359661 .8272502 1.64 0.100 -.2620749 2.981396

y1785\_b1761 | .5702887 .8363739 0.68 0.495 -1.069333 2.20991

y1786\_b1762 | -.0391827 .7547044 -0.05 0.959 -1.5187 1.440335

y1793\_b1767 | -2.241667 1.346575 -1.66 0.096 -4.881483 .39815

y1793\_b1768 | -3.950627 1.677954 -2.35 0.019 -7.240076 -.6611788

y1793\_b1769 | -.1622713 1.811363 -0.09 0.929 -3.713254 3.388712

y1794\_b1768 | -2.599302 1.807996 -1.44 0.151 -6.143684 .9450812

y1794\_b1769 | .4752558 1.906182 0.25 0.803 -3.261609 4.212121

y1794\_b1770 | 2.060075 1.158217 1.78 0.075 -.2104852 4.330635

y1795\_b1769 | 2.515629 1.581313 1.59 0.112 -.5843661 5.615624

y1795\_b1770 | 4.043904 1.638359 2.47 0.014 .8320773 7.25573

y1795\_b1771 | 2.979086 1.740504 1.71 0.087 -.4329853 6.391158

y1796\_b1770 | 1.239527 1.79138 0.69 0.489 -2.27228 4.751335

y1796\_b1771 | .9921518 1.903723 0.52 0.602 -2.739894 4.724197

y1796\_b1772 | -2.320864 1.416371 -1.64 0.101 -5.097507 .4557786

y1797\_b1771 | -.5217803 1.164719 -0.45 0.654 -2.805088 1.761527

y1797\_b1772 | -3.526842 1.623833 -2.17 0.030 -6.710193 -.3434906

y1797\_b1773 | -.1941405 1.774167 -0.11 0.913 -3.672204 3.283923

y1798\_b1772 | -2.173812 1.710149 -1.27 0.204 -5.526375 1.178752

y1798\_b1773 | -.3650685 1.764115 -0.21 0.836 -3.823427 3.09329

y1798\_b1774 | 1.073864 .9165279 1.17 0.241 -.7228913 2.870619

y1799\_b1773 | 1.789299 1.338662 1.34 0.181 -.8350046 4.413602

y1799\_b1774 | 2.832398 1.548003 1.83 0.067 -.2022967 5.867092

y1799\_b1775 | 2.55967 1.525962 1.68 0.094 -.4318146 5.551155

y1800\_b1774 | 1.385691 1.700467 0.81 0.415 -1.947893 4.719276

y1800\_b1775 | .1880541 1.652082 0.11 0.909 -3.050677 3.426785

y1800\_b1776 | -1.464233 1.262608 -1.16 0.246 -3.93944 1.010975

y1801\_b1776 | -2.086366 1.402905 -1.49 0.137 -4.836612 .6638801

y1801\_b1777 | -.4030747 1.585535 -0.25 0.799 -3.511346 2.705197

y1802\_b1777 | -1.940325 1.783142 -1.09 0.277 -5.435983 1.555334

y1802\_b1778 | -1.627065 1.561407 -1.04 0.297 -4.688037 1.433907

y1803\_b1777 | 1.00387 1.150059 0.87 0.383 -1.250698 3.258437

y1803\_b1778 | 1.663508 1.259445 1.32 0.187 -.8054996 4.132516

y1803\_b1779 | 3.394144 1.43426 2.37 0.018 .582431 6.205857

y1804\_b1778 | .9215931 1.328734 0.69 0.488 -1.683249 3.526435

y1804\_b1779 | 1.351688 1.449116 0.93 0.351 -1.489149 4.192526

y1804\_b1780 | -.5315657 .7845491 -0.68 0.498 -2.06959 1.006459

y1805\_b1779 | .9149437 1.415007 0.65 0.518 -1.859025 3.688913

y1805\_b1780 | -1.650313 1.193221 -1.38 0.167 -3.989496 .6888698

y1805\_b1781 | -1.483155 1.179204 -1.26 0.209 -3.794858 .8285488

y1806\_b1781 | -1.339315 1.364049 -0.98 0.326 -4.013387 1.334758

y1806\_b1782 | -.4685151 1.398355 -0.34 0.738 -3.20984 2.27281

y1807\_b1782 | .7382117 1.116957 0.66 0.509 -1.451463 2.927887

y1807\_b1783 | .7052237 1.25668 0.56 0.575 -1.758363 3.16881

y1808\_b1783 | .2318268 1.339667 0.17 0.863 -2.394446 2.8581

y1808\_b1784 | -.4860342 1.071191 -0.45 0.650 -2.585989 1.61392

y1809\_b1783 | -1.364137 .7754771 -1.76 0.079 -2.884377 .1561028

y1809\_b1784 | -1.096284 1.438 -0.76 0.446 -3.915329 1.722761

y1809\_b1785 | .1487729 1.257581 0.12 0.906 -2.316579 2.614125

y1810\_b1784 | -1.544647 1.202065 -1.28 0.199 -3.901167 .8118736

y1810\_b1785 | .8237285 1.218877 0.68 0.499 -1.565749 3.213206

y1810\_b1786 | .4308036 .5433937 0.79 0.428 -.6344616 1.496069

y1811\_b1785 | 2.521749 1.273218 1.98 0.048 .0257409 5.017756

y1811\_b1786 | 1.505808 1.178102 1.28 0.201 -.8037358 3.815351

y1811\_b1787 | .604022 1.083197 0.56 0.577 -1.51947 2.727514

y1812\_b1786 | -.0003158 1.170188 -0.00 1.000 -2.294345 2.293713

y1812\_b1787 | .4981314 1.138215 0.44 0.662 -1.733217 2.729479

y1812\_b1788 | -.5346949 .8774928 -0.61 0.542 -2.254926 1.185536

y1813\_b1788 | -.5370577 1.049146 -0.51 0.609 -2.593795 1.51968

y1813\_b1789 | -.2307131 1.04877 -0.22 0.826 -2.286715 1.825289

y1814\_b1789 | .6603731 .802519 0.82 0.411 -.9128796 2.233626

y1814\_b1790 | .2352814 .9483463 0.25 0.804 -1.62385 2.094413

y1815\_b1789 | .5939603 .8019325 0.74 0.459 -.9781427 2.166063

y1815\_b1790 | .3760697 .9077094 0.41 0.679 -1.403397 2.155537

y1815\_b1791 | .5154622 .5913944 0.87 0.383 -.6439032 1.674828

y1816\_b1790 | -.697819 .8650212 -0.81 0.420 -2.3936 .9979625

y1816\_b1791 | .82905 .5608824 1.48 0.139 -.2705 1.9286

y1816\_b1792 | .494984 .5821552 0.85 0.395 -.6462689 1.636237

y1817\_b1791 | .7605519 .7218457 1.05 0.292 -.6545493 2.175653

y1817\_b1792 | .4610098 .7433758 0.62 0.535 -.9962989 1.918319

y1817\_b1793 | .7225483 .7832767 0.92 0.356 -.8129819 2.258078

y1818\_b1794 | -.0018939 .6944117 -0.00 0.998 -1.363214 1.359426

y1822\_b1798 | .2033029 1.000995 0.20 0.839 -1.759041 2.165647

y1823\_b1798 | -1.146102 .8106325 -1.41 0.157 -2.73526 .4430564

y1823\_b1799 | -1.3875 .9120352 -1.52 0.128 -3.175447 .4004473

y1824\_b1799 | -.0051289 .7753966 -0.01 0.995 -1.525211 1.514953

y1824\_b1800 | .2555279 .6183167 0.41 0.679 -.9566159 1.467672

y1825\_b1799 | -.3414461 1.502554 -0.23 0.820 -3.287042 2.604149

y1825\_b1800 | -.4384477 .820455 -0.53 0.593 -2.046862 1.169967

y1825\_b1801 | -1.247257 .7406648 -1.68 0.092 -2.699251 .2047369

y1826\_b1802 | 2.04739 .6522437 3.14 0.002 .7687359 3.326044

y1852\_b1828 | .8959684 1.145622 0.78 0.434 -1.349901 3.141838

y1853\_b1829 | -1.004464 .900251 -1.12 0.265 -2.76931 .7603815

y1854\_b1829 | -1.781113 1.073409 -1.66 0.097 -3.885415 .3231897

y1854\_b1830 | -.3320331 .934209 -0.36 0.722 -2.16345 1.499384

y1855\_b1829 | -.4365135 1.027116 -0.42 0.671 -2.450064 1.577037

y1855\_b1830 | .3067815 .840251 0.37 0.715 -1.340441 1.954004

y1855\_b1831 | .3097093 .9448424 0.33 0.743 -1.542553 2.161972

y1856\_b1831 | .0909433 .8384965 0.11 0.914 -1.552839 1.734726

y1856\_b1832 | .1711289 .7089617 0.24 0.809 -1.218715 1.560972

y1857\_b1832 | 1.638548 .8408408 1.95 0.051 -.0098307 3.286926

y1857\_b1833 | 1.765625 .6724309 2.63 0.009 .4473962 3.083854

y1858\_b1832 | -.2367787 .7668109 -0.31 0.757 -1.740029 1.266472

y1858\_b1833 | .0207726 .5445236 0.04 0.970 -1.046708 1.088253

y1858\_b1834 | -1.056151 .6566005 -1.61 0.108 -2.343346 .2310445

y1859\_b1833 | .2909165 .7787025 0.37 0.709 -1.235646 1.81748

y1859\_b1834 | -.6383688 .7545818 -0.85 0.398 -2.117646 .8409081

y1859\_b1835 | .6146668 .6687149 0.92 0.358 -.6962772 1.925611

y1862\_b1838 | .1332951 1.283769 0.10 0.917 -2.383396 2.649986

y1864\_b1838 | .2274416 .5925707 0.38 0.701 -.9342298 1.389113

y1864\_b1840 | -.6699864 .7749893 -0.86 0.387 -2.18927 .8492972

y1867\_b1843 | -.1623512 1.231367 -0.13 0.895 -2.576314 2.251611

y1868\_b1844 | .395952 .6374802 0.62 0.535 -.8537597 1.645664

y1869\_b1845 | -.0322267 1.009521 -0.03 0.975 -2.011285 1.946831

y1870\_b1844 | .097619 1.255256 0.08 0.938 -2.363175 2.558413

y1870\_b1845 | -.8169643 1.13241 -0.72 0.471 -3.036933 1.403005

y1870\_b1846 | .2400495 .8120744 0.30 0.768 -1.351935 1.832034

y1871\_b1846 | -.0987554 .9048576 -0.11 0.913 -1.872632 1.675121

y1871\_b1847 | .702381 .9619368 0.73 0.465 -1.183393 2.588155

y1872\_b1847 | .1732955 .8172237 0.21 0.832 -1.428784 1.775375

y1872\_b1848 | -.7303571 .7403291 -0.99 0.324 -2.181693 .7209789

y1874\_b1848 | .3244505 .7820776 0.41 0.678 -1.208729 1.85763

y1874\_b1849 | .9972222 .6696503 1.49 0.136 -.3155555 2.31

y1874\_b1850 | -.1611171 .803894 -0.20 0.841 -1.737065 1.414831

y1875\_b1850 | -.4949713 .765416 -0.65 0.518 -1.995487 1.005545

y1878\_b1854 | -1.704767 .7964573 -2.14 0.032 -3.266136 -.1433976

\_cons | 69.5 .5103087 136.19 0.000 68.49959 70.50041

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1760\_b1734 = 0

( 2) y1760\_b1736 = 0

( 3) y1765\_b1740 = 0

( 4) y1765\_b1741 = 0

( 5) y1767\_b1743 = 0

( 6) y1768\_b1743 = 0

( 7) y1768\_b1744 = 0

( 8) y1769\_b1745 = 0

( 9) y1775\_b1751 = 0

(10) y1776\_b1751 = 0

(11) y1776\_b1752 = 0

(12) y1777\_b1751 = 0

(13) y1777\_b1752 = 0

(14) y1777\_b1753 = 0

(15) y1778\_b1753 = 0

(16) y1778\_b1754 = 0

(17) y1779\_b1753 = 0

(18) y1779\_b1754 = 0

(19) y1779\_b1755 = 0

(20) y1780\_b1756 = 0

(21) y1781\_b1757 = 0

(22) y1782\_b1757 = 0

(23) y1782\_b1758 = 0

(24) y1783\_b1758 = 0

(25) y1783\_b1759 = 0

(26) y1785\_b1761 = 0

(27) y1786\_b1762 = 0

(28) y1793\_b1767 = 0

(29) y1793\_b1768 = 0

(30) y1793\_b1769 = 0

(31) y1794\_b1768 = 0

(32) y1794\_b1769 = 0

(33) y1794\_b1770 = 0

(34) y1795\_b1769 = 0

(35) y1795\_b1770 = 0

(36) y1795\_b1771 = 0

(37) y1796\_b1770 = 0

(38) y1796\_b1771 = 0

(39) y1796\_b1772 = 0

(40) y1797\_b1771 = 0

(41) y1797\_b1772 = 0

(42) y1797\_b1773 = 0

(43) y1798\_b1772 = 0

(44) y1798\_b1773 = 0

(45) y1798\_b1774 = 0

(46) y1799\_b1773 = 0

(47) y1799\_b1774 = 0

(48) y1799\_b1775 = 0

(49) y1800\_b1774 = 0

(50) y1800\_b1775 = 0

(51) y1800\_b1776 = 0

(52) y1801\_b1776 = 0

(53) y1801\_b1777 = 0

(54) y1802\_b1777 = 0

(55) y1802\_b1778 = 0

(56) y1803\_b1777 = 0

(57) y1803\_b1778 = 0

(58) y1803\_b1779 = 0

(59) y1804\_b1778 = 0

(60) y1804\_b1779 = 0

(61) y1804\_b1780 = 0

(62) y1805\_b1779 = 0

(63) y1805\_b1780 = 0

(64) y1805\_b1781 = 0

(65) y1806\_b1781 = 0

(66) y1806\_b1782 = 0

(67) y1807\_b1782 = 0

(68) y1807\_b1783 = 0

(69) y1808\_b1783 = 0

(70) y1808\_b1784 = 0

(71) y1809\_b1783 = 0

(72) y1809\_b1784 = 0

(73) y1809\_b1785 = 0

(74) y1810\_b1784 = 0

(75) y1810\_b1785 = 0

(76) y1810\_b1786 = 0

(77) y1811\_b1785 = 0

(78) y1811\_b1786 = 0

(79) y1811\_b1787 = 0

(80) y1812\_b1786 = 0

(81) y1812\_b1787 = 0

(82) y1812\_b1788 = 0

(83) y1813\_b1788 = 0

(84) y1813\_b1789 = 0

(85) y1814\_b1789 = 0

(86) y1814\_b1790 = 0

(87) y1815\_b1789 = 0

(88) y1815\_b1790 = 0

(89) y1815\_b1791 = 0

(90) y1816\_b1790 = 0

(91) y1816\_b1791 = 0

(92) y1816\_b1792 = 0

(93) y1817\_b1791 = 0

(94) y1817\_b1792 = 0

(95) y1817\_b1793 = 0

(96) y1818\_b1794 = 0

(97) y1822\_b1798 = 0

(98) y1823\_b1798 = 0

(99) y1823\_b1799 = 0

(100) y1824\_b1799 = 0

(101) y1824\_b1800 = 0

(102) y1825\_b1799 = 0

(103) y1825\_b1800 = 0

(104) y1825\_b1801 = 0

(105) y1826\_b1802 = 0

(106) y1852\_b1828 = 0

(107) y1853\_b1829 = 0

(108) y1854\_b1829 = 0

(109) y1854\_b1830 = 0

(110) y1855\_b1829 = 0

(111) y1855\_b1830 = 0

(112) y1855\_b1831 = 0

(113) y1856\_b1831 = 0

(114) y1856\_b1832 = 0

(115) y1857\_b1832 = 0

(116) y1857\_b1833 = 0

(117) y1858\_b1832 = 0

(118) y1858\_b1833 = 0

(119) y1858\_b1834 = 0

(120) y1859\_b1833 = 0

(121) y1859\_b1834 = 0

(122) y1859\_b1835 = 0

(123) y1862\_b1838 = 0

(124) y1864\_b1838 = 0

(125) y1864\_b1840 = 0

(126) y1867\_b1843 = 0

(127) y1868\_b1844 = 0

(128) y1869\_b1845 = 0

(129) y1870\_b1844 = 0

(130) y1870\_b1845 = 0

(131) y1870\_b1846 = 0

(132) y1871\_b1846 = 0

(133) y1871\_b1847 = 0

(134) y1872\_b1847 = 0

(135) y1872\_b1848 = 0

(136) y1874\_b1848 = 0

(137) y1874\_b1849 = 0

(138) y1874\_b1850 = 0

(139) y1875\_b1850 = 0

(140) y1878\_b1854 = 0

F(140, 5531) = 1.41

Prob > F = 0.0012

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff , robust

Linear regression Number of obs = 5879

F(347, 5531) = 4.59

Prob > F = 0.0000

R-squared = 0.1437

Root MSE = 1.3591

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1734 | -1.520238 .9119329 -1.67 0.096 -3.307985 .2675087

by\_1735 | -.2916667 .6104698 -0.48 0.633 -1.488427 .905094

by\_1736 | -.55 .8501672 -0.65 0.518 -2.216662 1.116662

by\_1737 | -.25 .6397058 -0.39 0.696 -1.504075 1.004075

by\_1739 | .3214286 .5769328 0.56 0.577 -.8095864 1.452444

by\_1740 | -.3916667 .7939597 -0.49 0.622 -1.94814 1.164806

by\_1741 | -.625 .9830623 -0.64 0.525 -2.552188 1.302188

by\_1742 | -1.505952 .9340607 -1.61 0.107 -3.337078 .3251736

by\_1743 | 1.888095 1.038359 1.82 0.069 -.147497 3.923687

by\_1744 | 1.321429 .9541522 1.38 0.166 -.5490847 3.191942

by\_1745 | 1.992582 1.172291 1.70 0.089 -.305569 4.290734

by\_1746 | 1.938095 1.027076 1.89 0.059 -.0753768 3.951567

by\_1747 | 1.149634 1.128175 1.02 0.308 -1.062032 3.361299

by\_1748 | .2865385 1.194778 0.24 0.810 -2.055697 2.628774

by\_1749 | -.125 .7787278 -0.16 0.872 -1.651612 1.401612

by\_1750 | .25 .5569912 0.45 0.654 -.8419217 1.341922

by\_1751 | .0714286 .7127203 0.10 0.920 -1.325783 1.46864

by\_1752 | -.25 .5854836 -0.43 0.669 -1.397778 .897778

by\_1753 | .5884687 1.142105 0.52 0.606 -1.650505 2.827443

by\_1754 | .6777544 .9850218 0.69 0.491 -1.253275 2.608784

by\_1755 | .3531746 .6524926 0.54 0.588 -.9259674 1.632317

by\_1756 | -1.367141 1.235631 -1.11 0.269 -3.789462 1.05518

by\_1757 | -.103839 .7567369 -0.14 0.891 -1.587341 1.379663

by\_1758 | -1.894452 1.137244 -1.67 0.096 -4.123897 .3349934

by\_1759 | -.9277853 .9985808 -0.93 0.353 -2.885396 1.029826

by\_1760 | .2572721 .8959566 0.29 0.774 -1.499155 2.013699

by\_1761 | -.1754044 .9693801 -0.18 0.856 -2.07577 1.724961

by\_1762 | .6137783 1.201406 0.51 0.609 -1.741449 2.969005

by\_1763 | .0669033 1.049303 0.06 0.949 -1.990142 2.123949

by\_1764 | -.3497634 1.088159 -0.32 0.748 -2.482982 1.783456

by\_1765 | -.962558 1.201623 -0.80 0.423 -3.318212 1.393096

by\_1766 | -.0192308 .5591653 -0.03 0.973 -1.115414 1.076953

by\_1767 | -.7304151 1.459903 -0.50 0.617 -3.592398 2.131568

by\_1768 | 1.116046 2.324944 0.48 0.631 -3.441758 5.673849

by\_1769 | -1.427992 2.422854 -0.59 0.556 -6.177738 3.321753

by\_1770 | -2.378142 1.889674 -1.26 0.208 -6.082647 1.326362

by\_1771 | -1.335529 1.539037 -0.87 0.386 -4.352646 1.681588

by\_1772 | 1.482033 2.290207 0.65 0.518 -3.007673 5.971739

by\_1773 | -1.335044 2.384964 -0.56 0.576 -6.01051 3.340423

by\_1774 | -2.294809 1.837775 -1.25 0.212 -5.89757 1.307952

by\_1775 | -1.628142 1.720416 -0.95 0.344 -5.000833 1.744548

by\_1776 | .3471123 2.237209 0.16 0.877 -4.038697 4.732921

by\_1777 | -.9121048 2.361167 -0.39 0.699 -5.540921 3.716711

by\_1778 | -1.933698 1.782677 -1.08 0.278 -5.428445 1.561049

by\_1779 | -2.681975 2.285056 -1.17 0.241 -7.161582 1.797632

by\_1780 | .0194608 2.166058 0.01 0.993 -4.226863 4.265785

by\_1781 | -.6509937 2.158413 -0.30 0.763 -4.882331 3.580344

by\_1782 | -1.528936 1.829938 -0.84 0.403 -5.116333 2.058461

by\_1783 | -1.310763 2.238128 -0.59 0.558 -5.698372 3.076847

by\_1784 | -.5286161 2.1251 -0.25 0.804 -4.694647 3.637415

by\_1785 | -1.528936 1.882241 -0.81 0.417 -5.218868 2.160996

by\_1786 | -1.441567 2.202428 -0.65 0.513 -5.75919 2.876057

by\_1787 | -1.620138 2.192578 -0.74 0.460 -5.918453 2.678177

by\_1788 | -.7452828 2.076477 -0.36 0.720 -4.815994 3.325428

by\_1789 | -.8027847 1.928936 -0.42 0.677 -4.584257 2.978687

by\_1790 | -.690193 2.141617 -0.32 0.747 -4.888604 3.508218

by\_1791 | -1.117412 2.026662 -0.55 0.581 -5.090466 2.855643

by\_1792 | -.8531259 2.032773 -0.42 0.675 -4.838159 3.131907

by\_1793 | -.7685105 1.974348 -0.39 0.697 -4.639008 3.101987

by\_1794 | -.8330502 2.09489 -0.40 0.691 -4.939858 3.273757

by\_1795 | -.8406259 2.037072 -0.41 0.680 -4.834087 3.152835

by\_1796 | -.8718759 2.151653 -0.41 0.685 -5.089961 3.346209

by\_1797 | -1.580209 2.110308 -0.75 0.454 -5.717241 2.556823

by\_1798 | -1.913543 2.18963 -0.87 0.382 -6.206078 2.378992

by\_1799 | -1.892859 2.313707 -0.82 0.413 -6.428635 2.642917

by\_1800 | -2.667859 2.285966 -1.17 0.243 -7.149251 1.813533

by\_1801 | -2.170002 2.246294 -0.97 0.334 -6.573621 2.233617

by\_1802 | -3.272556 2.322532 -1.41 0.159 -7.825631 1.280519

by\_1803 | -1.654223 2.271215 -0.73 0.466 -6.106696 2.798251

by\_1804 | -2.361723 2.342251 -1.01 0.313 -6.953456 2.230011

by\_1805 | -1.785965 2.505952 -0.71 0.476 -6.698615 3.126685

by\_1806 | -2.348465 2.404339 -0.98 0.329 -7.061914 2.364984

by\_1807 | -2.442215 2.383509 -1.02 0.306 -7.114829 2.230399

by\_1808 | -2.663882 2.378061 -1.12 0.263 -7.325816 1.998053

by\_1809 | -3.148214 2.454044 -1.28 0.200 -7.959106 1.662677

by\_1810 | -1.009286 .7060195 -1.43 0.153 -2.393361 .3747901

by\_1811 | .25 .7133527 0.35 0.726 -1.148452 1.648452

by\_1812 | -.4 .6977224 -0.57 0.566 -1.76781 .96781

by\_1813 | -1.175 .7087279 -1.66 0.097 -2.564385 .2143852

by\_1814 | -1.461 .9033688 -1.62 0.106 -3.231958 .3099577

by\_1815 | -1.049384 1.118192 -0.94 0.348 -3.241479 1.142712

by\_1816 | -.8250155 1.171065 -0.70 0.481 -3.120764 1.470733

by\_1817 | -.8701544 1.376278 -0.63 0.527 -3.5682 1.827891

by\_1818 | -1.267641 1.460427 -0.87 0.385 -4.130653 1.595371

by\_1819 | -1.911319 1.544269 -1.24 0.216 -4.938694 1.116056

by\_1821 | .2 1.492963 0.13 0.893 -2.726795 3.126795

by\_1828 | -1.96443 1.226494 -1.60 0.109 -4.36884 .4399799

by\_1829 | -.8299998 .7273476 -1.14 0.254 -2.255887 .5958873

by\_1830 | -1.771964 1.052436 -1.68 0.092 -3.835152 .2912244

by\_1831 | -2.029574 1.233787 -1.64 0.100 -4.44828 .3891325

by\_1832 | -1.907379 1.177121 -1.62 0.105 -4.214998 .4002409

by\_1833 | -1.648295 .9840911 -1.67 0.094 -3.577501 .2809102

by\_1834 | -.7732951 1.107127 -0.70 0.485 -2.943698 1.397108

by\_1835 | -1.712045 1.044496 -1.64 0.101 -3.759668 .3355779

by\_1836 | -.9740453 1.086748 -0.90 0.370 -3.104499 1.156408

by\_1837 | -.8820455 1.329298 -0.66 0.507 -3.487991 1.7239

by\_1838 | -1.664545 1.349982 -1.23 0.218 -4.311041 .9819508

by\_1839 | -1.61 .563109 -2.86 0.004 -2.713915 -.5060847

by\_1840 | -.5385457 1.098883 -0.49 0.624 -2.692787 1.615696

by\_1841 | -.8408531 1.291237 -0.65 0.515 -3.372184 1.690478

by\_1842 | -.9696775 1.289677 -0.75 0.452 -3.49795 1.558596

by\_1843 | -1.535612 1.353337 -1.13 0.257 -4.188683 1.11746

by\_1844 | -1.430106 1.793877 -0.80 0.425 -4.946809 2.086598

by\_1845 | -.9217723 1.78031 -0.52 0.605 -4.411879 2.568334

by\_1846 | -1.70635 1.665309 -1.02 0.306 -4.97101 1.55831

by\_1847 | -1.788737 1.469967 -1.22 0.224 -4.670449 1.092975

by\_1848 | -1.364629 1.726479 -0.79 0.429 -4.749207 2.019949

by\_1849 | -2.007487 1.594676 -1.26 0.208 -5.133677 1.118704

by\_1850 | -1.579182 1.739575 -0.91 0.364 -4.989433 1.83107

by\_1851 | -1.482487 1.655975 -0.90 0.371 -4.728849 1.763876

by\_1852 | -2.345486 1.624612 -1.44 0.149 -5.530364 .8393919

by\_1853 | -2.145358 1.664643 -1.29 0.198 -5.408712 1.117995

by\_1854 | -2.776608 1.738386 -1.60 0.110 -6.184528 .6313116

by\_1855 | -4.774479 1.853278 -2.58 0.010 -8.407631 -1.141326

by\_1856 | -4.79018 1.86112 -2.57 0.010 -8.438706 -1.141654

yr\_1761 | 1.341667 .7381505 1.82 0.069 -.1053983 2.788732

yr\_1763 | .6 .5628051 1.07 0.286 -.5033192 1.703319

yr\_1765 | 1.505952 .8523296 1.77 0.077 -.1649486 3.176853

yr\_1766 | .7916667 .7406263 1.07 0.285 -.6602518 2.243585

yr\_1768 | -1.159249 1.093848 -1.06 0.289 -3.303621 .9851225

yr\_1769 | -1.138095 .8216255 -1.39 0.166 -2.748804 .4726136

yr\_1770 | -2.034249 .9379769 -2.17 0.030 -3.873052 -.1954458

yr\_1771 | .142033 1.035834 0.14 0.891 -1.888608 2.172674

yr\_1774 | 1 .5650173 1.77 0.077 -.1076559 2.107656

yr\_1776 | .1615313 1.082013 0.15 0.881 -1.959639 2.282702

yr\_1777 | -1.307065 .8578464 -1.52 0.128 -2.988781 .3746512

yr\_1778 | -1.25 .3775983 -3.31 0.001 -1.990241 -.5097589

yr\_1779 | .1449189 1.184258 0.12 0.903 -2.176693 2.46653

yr\_1780 | -.9634687 .4754359 -2.03 0.043 -1.89551 -.0314275

yr\_1781 | .8230234 1.05572 0.78 0.436 -1.246603 2.89265

yr\_1782 | .4536474 .9115711 0.50 0.619 -1.33339 2.240685

yr\_1783 | -.646161 .600056 -1.08 0.282 -1.822507 .5301845

yr\_1784 | .294452 .8010964 0.37 0.713 -1.276012 1.864916

yr\_1785 | -.0734557 1.113958 -0.07 0.947 -2.257252 2.110341

yr\_1786 | .3754044 .8601564 0.44 0.663 -1.31084 2.061649

yr\_1787 | .1049717 .947438 0.11 0.912 -1.752379 1.962322

yr\_1788 | 1.008854 1.066815 0.95 0.344 -1.082523 3.100232

yr\_1790 | .337558 1.309206 0.26 0.797 -2.229 2.904116

yr\_1793 | 1.522082 1.833893 0.83 0.407 -2.07307 5.117233

yr\_1794 | .3241651 1.421353 0.23 0.820 -2.462245 3.110575

yr\_1795 | -2.275136 2.247513 -1.01 0.311 -6.681145 2.130872

yr\_1796 | .0433769 2.351912 0.02 0.985 -4.567295 4.654049

yr\_1797 | 1.294809 1.810654 0.72 0.475 -2.254785 4.844403

yr\_1798 | .4917787 1.558139 0.32 0.752 -2.562785 3.546343

yr\_1799 | -1.454255 2.191682 -0.66 0.507 -5.750814 2.842304

yr\_1800 | .2331917 2.31709 0.10 0.920 -4.309215 4.775598

yr\_1801 | .6281424 1.695841 0.37 0.711 -2.696372 3.952657

yr\_1802 | 1.97743 2.279922 0.87 0.386 -2.492114 6.446973

yr\_1803 | -1.165294 2.112437 -0.55 0.581 -5.306501 2.975912

yr\_1804 | .0121048 2.137163 0.01 0.995 -4.177574 4.201784

yr\_1805 | .8503646 1.743433 0.49 0.626 -2.56745 4.268179

yr\_1806 | .7653083 2.219321 0.34 0.730 -3.585434 5.11605

yr\_1807 | -.3944608 2.070659 -0.19 0.849 -4.453765 3.664844

yr\_1808 | .228936 1.78495 0.13 0.898 -3.270267 3.728139

yr\_1809 | .7749 2.189913 0.35 0.723 -3.518191 5.067991

yr\_1810 | .2607631 2.146554 0.12 0.903 -3.947326 4.468852

yr\_1811 | -.6713839 2.029937 -0.33 0.741 -4.650858 3.308091

yr\_1812 | .013311 1.825936 0.01 0.994 -3.566241 3.592863

yr\_1813 | .2094238 2.120634 0.10 0.921 -3.947852 4.3667

yr\_1814 | -.3575884 1.981732 -0.18 0.857 -4.242562 3.527385

yr\_1815 | -.5880506 1.99235 -0.30 0.768 -4.493839 3.317738

yr\_1816 | -.6347153 1.900917 -0.33 0.738 -4.361259 3.091828

yr\_1817 | -.809807 2.038963 -0.40 0.691 -4.806976 3.187362

yr\_1818 | -.0968741 1.940889 -0.05 0.960 -3.90178 3.708032

yr\_1819 | .4239592 1.985794 0.21 0.831 -3.468977 4.316895

yr\_1820 | .5593759 2.031968 0.28 0.783 -3.424081 4.542833

yr\_1821 | .7468759 2.09871 0.36 0.722 -3.36742 4.861172

yr\_1822 | 1.303573 2.288586 0.57 0.569 -3.182955 5.790102

yr\_1823 | 2.130359 2.246929 0.95 0.343 -2.274505 6.535223

yr\_1824 | 1.036877 2.160769 0.48 0.631 -3.19908 5.272833

yr\_1825 | 2.506307 2.292247 1.09 0.274 -1.987397 7.000011

yr\_1826 | .767859 2.197538 0.35 0.727 -3.540179 5.075897

yr\_1827 | 1.314223 2.258093 0.58 0.561 -3.112527 5.740973

yr\_1830 | 2.483882 2.427129 1.02 0.306 -2.274245 7.242009

yr\_1831 | 1.452632 2.314453 0.63 0.530 -3.084607 5.98987

yr\_1832 | 1.747215 2.357883 0.74 0.459 -2.875161 6.369591

yr\_1837 | .2110001 .693734 0.30 0.761 -1.148991 1.570991

yr\_1838 | .4382728 .8313965 0.53 0.598 -1.191591 2.068137

yr\_1839 | -.4379842 1.023699 -0.43 0.669 -2.444836 1.568868

yr\_1840 | .4639044 1.211919 0.38 0.702 -1.911933 2.839742

yr\_1841 | .6380115 1.346729 0.47 0.636 -2.002107 3.27813

yr\_1842 | 1.350974 1.446491 0.93 0.350 -1.484717 4.186666

yr\_1853 | .990714 1.004525 0.99 0.324 -.9785502 2.959978

yr\_1854 | .9861125 1.146712 0.86 0.390 -1.261894 3.234119

yr\_1855 | .9227633 1.075181 0.86 0.391 -1.185013 3.03054

yr\_1856 | .9862498 .8167522 1.21 0.227 -.6149055 2.587405

yr\_1857 | -.6954549 1.02636 -0.68 0.498 -2.707524 1.316614

yr\_1858 | .9879073 .9518248 1.04 0.299 -.8780433 2.853858

yr\_1859 | .1073786 1.024045 0.10 0.916 -1.900152 2.11491

yr\_1860 | -.1179545 .8853434 -0.13 0.894 -1.853576 1.617667

yr\_1863 | -.1659998 .6080709 -0.27 0.785 -1.358058 1.026058

yr\_1864 | -.3628965 1.229162 -0.30 0.768 -2.772538 2.046745

yr\_1865 | -.0614543 1.173829 -0.05 0.958 -2.362621 2.239713

yr\_1866 | -.3572456 1.224043 -0.29 0.770 -2.756851 2.04236

yr\_1867 | .1979627 1.743925 0.11 0.910 -3.220815 3.61674

yr\_1868 | -.7158464 1.713949 -0.42 0.676 -4.075859 2.644167

yr\_1869 | .1678886 1.605606 0.10 0.917 -2.979731 3.315508

yr\_1870 | .9887365 1.368867 0.72 0.470 -1.694781 3.672254

yr\_1871 | .0551056 1.661432 0.03 0.974 -3.201955 3.312166

yr\_1872 | .5699865 1.529003 0.37 0.709 -2.427459 3.567433

yr\_1873 | 1.132487 1.48856 0.76 0.447 -1.785676 4.050649

yr\_1874 | .2324865 1.591163 0.15 0.884 -2.886819 3.351792

yr\_1875 | .7574865 1.529176 0.50 0.620 -2.240299 3.755272

yr\_1876 | .9541819 1.565002 0.61 0.542 -2.113837 4.022201

yr\_1877 | 1.114108 1.650237 0.68 0.500 -2.121004 4.349221

yr\_1878 | 3.731375 1.81158 2.06 0.039 .179967 7.282783

yr\_1879 | 3.339108 1.773447 1.88 0.060 -.1375449 6.815762

y1760\_b1734 | 1.270238 .8853193 1.43 0.151 -.4653356 3.005812

y1760\_b1736 | .5 .803238 0.62 0.534 -1.074662 2.074662

y1765\_b1740 | -.6142857 .8441483 -0.73 0.467 -2.269148 1.040577

y1765\_b1741 | -1.059524 .5854637 -1.81 0.070 -2.207263 .088215

y1767\_b1743 | -.8880952 1.180475 -0.75 0.452 -3.202291 1.426101

y1768\_b1743 | -.5344017 .8578753 -0.62 0.533 -2.216175 1.147371

y1768\_b1744 | -.0121795 .848391 -0.01 0.989 -1.675359 1.651

y1769\_b1745 | -.4378205 .7782678 -0.56 0.574 -1.963531 1.08789

y1775\_b1751 | -.3214286 .7899402 -0.41 0.684 -1.870022 1.227165

y1776\_b1751 | .8170401 1.234195 0.66 0.508 -1.602467 3.236547

y1776\_b1752 | -.1927813 1.125053 -0.17 0.864 -2.398328 2.012765

y1777\_b1751 | .6779439 .930945 0.73 0.467 -1.147074 2.502962

y1777\_b1752 | 1.018929 .8260585 1.23 0.217 -.60047 2.638328

y1777\_b1753 | .2453818 1.164134 0.21 0.833 -2.036778 2.527542

y1778\_b1753 | -.5621529 .968556 -0.58 0.562 -2.460903 1.336597

y1778\_b1754 | -.5840044 .7656522 -0.76 0.446 -2.084984 .9169748

y1779\_b1753 | -1.126245 1.47685 -0.76 0.446 -4.02145 1.768961

y1779\_b1754 | -1.398431 1.318108 -1.06 0.289 -3.982441 1.185579

y1779\_b1755 | -1.091843 1.141668 -0.96 0.339 -3.329962 1.146275

y1780\_b1756 | 2.86186 1.101754 2.60 0.009 .7019881 5.021732

y1781\_b1757 | -1.281684 .9547536 -1.34 0.180 -3.153377 .5900079

y1782\_b1757 | -.6324171 .8111389 -0.78 0.436 -2.222568 .9577338

y1782\_b1758 | 1.119376 .7997084 1.40 0.162 -.4483668 2.687119

y1783\_b1758 | 2.70728 .9489123 2.85 0.004 .8470387 4.567521

y1783\_b1759 | 1.359661 .8272502 1.64 0.100 -.2620749 2.981396

y1785\_b1761 | .5702887 .8363739 0.68 0.495 -1.069333 2.20991

y1786\_b1762 | -.0391827 .7547044 -0.05 0.959 -1.5187 1.440335

y1793\_b1767 | -2.241667 1.346575 -1.66 0.096 -4.881483 .39815

y1793\_b1768 | -3.950627 1.677954 -2.35 0.019 -7.240076 -.6611788

y1793\_b1769 | -.1622713 1.811363 -0.09 0.929 -3.713254 3.388712

y1794\_b1768 | -2.599302 1.807996 -1.44 0.151 -6.143684 .9450812

y1794\_b1769 | .4752558 1.906182 0.25 0.803 -3.261609 4.212121

y1794\_b1770 | 2.060075 1.158217 1.78 0.075 -.2104852 4.330635

y1795\_b1769 | 2.515629 1.581313 1.59 0.112 -.5843661 5.615624

y1795\_b1770 | 4.043904 1.638359 2.47 0.014 .8320773 7.25573

y1795\_b1771 | 2.979086 1.740504 1.71 0.087 -.4329853 6.391158

y1796\_b1770 | 1.239527 1.79138 0.69 0.489 -2.27228 4.751335

y1796\_b1771 | .9921518 1.903723 0.52 0.602 -2.739894 4.724197

y1796\_b1772 | -2.320864 1.416371 -1.64 0.101 -5.097507 .4557786

y1797\_b1771 | -.5217803 1.164719 -0.45 0.654 -2.805088 1.761527

y1797\_b1772 | -3.526842 1.623833 -2.17 0.030 -6.710193 -.3434906

y1797\_b1773 | -.1941405 1.774167 -0.11 0.913 -3.672204 3.283923

y1798\_b1772 | -2.173812 1.710149 -1.27 0.204 -5.526375 1.178752

y1798\_b1773 | -.3650685 1.764115 -0.21 0.836 -3.823427 3.09329

y1798\_b1774 | 1.073864 .9165279 1.17 0.241 -.7228913 2.870619

y1799\_b1773 | 1.789299 1.338662 1.34 0.181 -.8350046 4.413602

y1799\_b1774 | 2.832398 1.548003 1.83 0.067 -.2022967 5.867092

y1799\_b1775 | 2.55967 1.525962 1.68 0.094 -.4318146 5.551155

y1800\_b1774 | 1.385691 1.700467 0.81 0.415 -1.947893 4.719276

y1800\_b1775 | .1880541 1.652082 0.11 0.909 -3.050677 3.426785

y1800\_b1776 | -1.464233 1.262608 -1.16 0.246 -3.93944 1.010975

y1801\_b1776 | -2.086366 1.402905 -1.49 0.137 -4.836612 .6638801

y1801\_b1777 | -.4030747 1.585535 -0.25 0.799 -3.511346 2.705197

y1802\_b1777 | -1.940325 1.783142 -1.09 0.277 -5.435983 1.555334

y1802\_b1778 | -1.627065 1.561407 -1.04 0.297 -4.688037 1.433907

y1803\_b1777 | 1.00387 1.150059 0.87 0.383 -1.250698 3.258437

y1803\_b1778 | 1.663508 1.259445 1.32 0.187 -.8054996 4.132516

y1803\_b1779 | 3.394144 1.43426 2.37 0.018 .582431 6.205857

y1804\_b1778 | .9215931 1.328734 0.69 0.488 -1.683249 3.526435

y1804\_b1779 | 1.351688 1.449116 0.93 0.351 -1.489149 4.192526

y1804\_b1780 | -.5315657 .7845491 -0.68 0.498 -2.06959 1.006459

y1805\_b1779 | .9149437 1.415007 0.65 0.518 -1.859025 3.688913

y1805\_b1780 | -1.650313 1.193221 -1.38 0.167 -3.989496 .6888698

y1805\_b1781 | -1.483155 1.179204 -1.26 0.209 -3.794858 .8285488

y1806\_b1781 | -1.339315 1.364049 -0.98 0.326 -4.013387 1.334758

y1806\_b1782 | -.4685151 1.398355 -0.34 0.738 -3.20984 2.27281

y1807\_b1782 | .7382117 1.116957 0.66 0.509 -1.451463 2.927887

y1807\_b1783 | .7052237 1.25668 0.56 0.575 -1.758363 3.16881

y1808\_b1783 | .2318268 1.339667 0.17 0.863 -2.394446 2.8581

y1808\_b1784 | -.4860342 1.071191 -0.45 0.650 -2.585989 1.61392

y1809\_b1783 | -1.364137 .7754771 -1.76 0.079 -2.884377 .1561028

y1809\_b1784 | -1.096284 1.438 -0.76 0.446 -3.915329 1.722761

y1809\_b1785 | .1487729 1.257581 0.12 0.906 -2.316579 2.614125

y1810\_b1784 | -1.544647 1.202065 -1.28 0.199 -3.901167 .8118736

y1810\_b1785 | .8237285 1.218877 0.68 0.499 -1.565749 3.213206

y1810\_b1786 | .4308036 .5433937 0.79 0.428 -.6344616 1.496069

y1811\_b1785 | 2.521749 1.273218 1.98 0.048 .0257409 5.017756

y1811\_b1786 | 1.505808 1.178102 1.28 0.201 -.8037358 3.815351

y1811\_b1787 | .604022 1.083197 0.56 0.577 -1.51947 2.727514

y1812\_b1786 | -.0003158 1.170188 -0.00 1.000 -2.294345 2.293713

y1812\_b1787 | .4981314 1.138215 0.44 0.662 -1.733217 2.729479

y1812\_b1788 | -.5346949 .8774928 -0.61 0.542 -2.254926 1.185536

y1813\_b1788 | -.5370577 1.049146 -0.51 0.609 -2.593795 1.51968

y1813\_b1789 | -.2307131 1.04877 -0.22 0.826 -2.286715 1.825289

y1814\_b1789 | .6603731 .802519 0.82 0.411 -.9128796 2.233626

y1814\_b1790 | .2352814 .9483463 0.25 0.804 -1.62385 2.094413

y1815\_b1789 | .5939603 .8019325 0.74 0.459 -.9781427 2.166063

y1815\_b1790 | .3760697 .9077094 0.41 0.679 -1.403397 2.155537

y1815\_b1791 | .5154622 .5913944 0.87 0.383 -.6439032 1.674828

y1816\_b1790 | -.697819 .8650212 -0.81 0.420 -2.3936 .9979625

y1816\_b1791 | .82905 .5608824 1.48 0.139 -.2705 1.9286

y1816\_b1792 | .494984 .5821552 0.85 0.395 -.6462689 1.636237

y1817\_b1791 | .7605519 .7218457 1.05 0.292 -.6545493 2.175653

y1817\_b1792 | .4610098 .7433758 0.62 0.535 -.9962989 1.918319

y1817\_b1793 | .7225483 .7832767 0.92 0.356 -.8129819 2.258078

y1818\_b1794 | -.0018939 .6944117 -0.00 0.998 -1.363214 1.359426

y1822\_b1798 | .2033029 1.000995 0.20 0.839 -1.759041 2.165647

y1823\_b1798 | -1.146102 .8106325 -1.41 0.157 -2.73526 .4430564

y1823\_b1799 | -1.3875 .9120352 -1.52 0.128 -3.175447 .4004473

y1824\_b1799 | -.0051289 .7753966 -0.01 0.995 -1.525211 1.514953

y1824\_b1800 | .2555279 .6183167 0.41 0.679 -.9566159 1.467672

y1825\_b1799 | -.3414461 1.502554 -0.23 0.820 -3.287042 2.604149

y1825\_b1800 | -.4384477 .820455 -0.53 0.593 -2.046862 1.169967

y1825\_b1801 | -1.247257 .7406648 -1.68 0.092 -2.699251 .2047369

y1826\_b1802 | 2.04739 .6522437 3.14 0.002 .7687359 3.326044

y1852\_b1828 | .8959684 1.145622 0.78 0.434 -1.349901 3.141838

y1853\_b1829 | -1.004464 .900251 -1.12 0.265 -2.76931 .7603815

y1854\_b1829 | -1.781113 1.073409 -1.66 0.097 -3.885415 .3231897

y1854\_b1830 | -.3320331 .934209 -0.36 0.722 -2.16345 1.499384

y1855\_b1829 | -.4365135 1.027116 -0.42 0.671 -2.450064 1.577037

y1855\_b1830 | .3067815 .840251 0.37 0.715 -1.340441 1.954004

y1855\_b1831 | .3097093 .9448424 0.33 0.743 -1.542553 2.161972

y1856\_b1831 | .0909433 .8384965 0.11 0.914 -1.552839 1.734726

y1856\_b1832 | .1711289 .7089617 0.24 0.809 -1.218715 1.560972

y1857\_b1832 | 1.638548 .8408408 1.95 0.051 -.0098307 3.286926

y1857\_b1833 | 1.765625 .6724309 2.63 0.009 .4473962 3.083854

y1858\_b1832 | -.2367787 .7668109 -0.31 0.757 -1.740029 1.266472

y1858\_b1833 | .0207726 .5445236 0.04 0.970 -1.046708 1.088253

y1858\_b1834 | -1.056151 .6566005 -1.61 0.108 -2.343346 .2310445

y1859\_b1833 | .2909165 .7787025 0.37 0.709 -1.235646 1.81748

y1859\_b1834 | -.6383688 .7545818 -0.85 0.398 -2.117646 .8409081

y1859\_b1835 | .6146668 .6687149 0.92 0.358 -.6962772 1.925611

y1862\_b1838 | .1332951 1.283769 0.10 0.917 -2.383396 2.649986

y1864\_b1838 | .2274416 .5925707 0.38 0.701 -.9342298 1.389113

y1864\_b1840 | -.6699864 .7749893 -0.86 0.387 -2.18927 .8492972

y1867\_b1843 | -.1623512 1.231367 -0.13 0.895 -2.576314 2.251611

y1868\_b1844 | .395952 .6374802 0.62 0.535 -.8537597 1.645664

y1869\_b1845 | -.0322267 1.009521 -0.03 0.975 -2.011285 1.946831

y1870\_b1844 | .097619 1.255256 0.08 0.938 -2.363175 2.558413

y1870\_b1845 | -.8169643 1.13241 -0.72 0.471 -3.036933 1.403005

y1870\_b1846 | .2400495 .8120744 0.30 0.768 -1.351935 1.832034

y1871\_b1846 | -.0987554 .9048576 -0.11 0.913 -1.872632 1.675121

y1871\_b1847 | .702381 .9619368 0.73 0.465 -1.183393 2.588155

y1872\_b1847 | .1732955 .8172237 0.21 0.832 -1.428784 1.775375

y1872\_b1848 | -.7303571 .7403291 -0.99 0.324 -2.181693 .7209789

y1874\_b1848 | .3244505 .7820776 0.41 0.678 -1.208729 1.85763

y1874\_b1849 | .9972222 .6696503 1.49 0.136 -.3155555 2.31

y1874\_b1850 | -.1611171 .803894 -0.20 0.841 -1.737065 1.414831

y1875\_b1850 | -.4949713 .765416 -0.65 0.518 -1.995487 1.005545

y1878\_b1854 | -1.704767 .7964573 -2.14 0.032 -3.266136 -.1433976

\_cons | 69.5 .5103087 136.19 0.000 68.49959 70.50041

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1760\_b1734 = 0

( 2) y1760\_b1736 = 0

( 3) y1765\_b1740 = 0

( 4) y1765\_b1741 = 0

( 5) y1767\_b1743 = 0

( 6) y1768\_b1743 = 0

( 7) y1768\_b1744 = 0

( 8) y1769\_b1745 = 0

( 9) y1775\_b1751 = 0

(10) y1776\_b1751 = 0

(11) y1776\_b1752 = 0

(12) y1777\_b1751 = 0

(13) y1777\_b1752 = 0

(14) y1777\_b1753 = 0

(15) y1778\_b1753 = 0

(16) y1778\_b1754 = 0

(17) y1779\_b1753 = 0

(18) y1779\_b1754 = 0

(19) y1779\_b1755 = 0

(20) y1780\_b1756 = 0

(21) y1781\_b1757 = 0

(22) y1782\_b1757 = 0

(23) y1782\_b1758 = 0

(24) y1783\_b1758 = 0

(25) y1783\_b1759 = 0

(26) y1785\_b1761 = 0

(27) y1786\_b1762 = 0

(28) y1793\_b1767 = 0

(29) y1793\_b1768 = 0

(30) y1793\_b1769 = 0

(31) y1794\_b1768 = 0

(32) y1794\_b1769 = 0

(33) y1794\_b1770 = 0

(34) y1795\_b1769 = 0

(35) y1795\_b1770 = 0

(36) y1795\_b1771 = 0

(37) y1796\_b1770 = 0

(38) y1796\_b1771 = 0

(39) y1796\_b1772 = 0

(40) y1797\_b1771 = 0

(41) y1797\_b1772 = 0

(42) y1797\_b1773 = 0

(43) y1798\_b1772 = 0

(44) y1798\_b1773 = 0

(45) y1798\_b1774 = 0

(46) y1799\_b1773 = 0

(47) y1799\_b1774 = 0

(48) y1799\_b1775 = 0

(49) y1800\_b1774 = 0

(50) y1800\_b1775 = 0

(51) y1800\_b1776 = 0

(52) y1801\_b1776 = 0

(53) y1801\_b1777 = 0

(54) y1802\_b1777 = 0

(55) y1802\_b1778 = 0

(56) y1803\_b1777 = 0

(57) y1803\_b1778 = 0

(58) y1803\_b1779 = 0

(59) y1804\_b1778 = 0

(60) y1804\_b1779 = 0

(61) y1804\_b1780 = 0

(62) y1805\_b1779 = 0

(63) y1805\_b1780 = 0

(64) y1805\_b1781 = 0

(65) y1806\_b1781 = 0

(66) y1806\_b1782 = 0

(67) y1807\_b1782 = 0

(68) y1807\_b1783 = 0

(69) y1808\_b1783 = 0

(70) y1808\_b1784 = 0

(71) y1809\_b1783 = 0

(72) y1809\_b1784 = 0

(73) y1809\_b1785 = 0

(74) y1810\_b1784 = 0

(75) y1810\_b1785 = 0

(76) y1810\_b1786 = 0

(77) y1811\_b1785 = 0

(78) y1811\_b1786 = 0

(79) y1811\_b1787 = 0

(80) y1812\_b1786 = 0

(81) y1812\_b1787 = 0

(82) y1812\_b1788 = 0

(83) y1813\_b1788 = 0

(84) y1813\_b1789 = 0

(85) y1814\_b1789 = 0

(86) y1814\_b1790 = 0

(87) y1815\_b1789 = 0

(88) y1815\_b1790 = 0

(89) y1815\_b1791 = 0

(90) y1816\_b1790 = 0

(91) y1816\_b1791 = 0

(92) y1816\_b1792 = 0

(93) y1817\_b1791 = 0

(94) y1817\_b1792 = 0

(95) y1817\_b1793 = 0

(96) y1818\_b1794 = 0

(97) y1822\_b1798 = 0

(98) y1823\_b1798 = 0

(99) y1823\_b1799 = 0

(100) y1824\_b1799 = 0

(101) y1824\_b1800 = 0

(102) y1825\_b1799 = 0

(103) y1825\_b1800 = 0

(104) y1825\_b1801 = 0

(105) y1826\_b1802 = 0

(106) y1852\_b1828 = 0

(107) y1853\_b1829 = 0

(108) y1854\_b1829 = 0

(109) y1854\_b1830 = 0

(110) y1855\_b1829 = 0

(111) y1855\_b1830 = 0

(112) y1855\_b1831 = 0

(113) y1856\_b1831 = 0

(114) y1856\_b1832 = 0

(115) y1857\_b1832 = 0

(116) y1857\_b1833 = 0

(117) y1858\_b1832 = 0

(118) y1858\_b1833 = 0

(119) y1858\_b1834 = 0

(120) y1859\_b1833 = 0

(121) y1859\_b1834 = 0

(122) y1859\_b1835 = 0

(123) y1862\_b1838 = 0

(124) y1864\_b1838 = 0

(125) y1864\_b1840 = 0

(126) y1867\_b1843 = 0

(127) y1868\_b1844 = 0

(128) y1869\_b1845 = 0

(129) y1870\_b1844 = 0

(130) y1870\_b1845 = 0

(131) y1870\_b1846 = 0

(132) y1871\_b1846 = 0

(133) y1871\_b1847 = 0

(134) y1872\_b1847 = 0

(135) y1872\_b1848 = 0

(136) y1874\_b1848 = 0

(137) y1874\_b1849 = 0

(138) y1874\_b1850 = 0

(139) y1875\_b1850 = 0

(140) y1878\_b1854 = 0

F(140, 5531) = 1.41

Prob > F = 0.0012

**Appendix 2.5 Army Medical Department (AMD) data**

. drop if age<$low\_age

(2758 observations deleted)

. drop if age>$high\_age

(0 observations deleted)

. drop if height < $low\_height

(537 observations deleted)

. drop if height > $high\_height

(0 observations deleted)

. drop if year==.

(0 observations deleted)

. drop if age==.

(0 observations deleted)

. gen AGE = age

. gen YEAR = year

. gen byr = year-age

. sum byr

Variable | Obs Mean Std. Dev. Min Max

-------------+--------------------------------------------------------

byr | 666 1870.514 11.70993 1839 1890

.

. drop if byr==.

(0 observations deleted)

. drop if byr < 1725

(0 observations deleted)

.

. gen HEIGHT = height

.

. des

Contains data from AMD.dta

obs: 666

vars: 10 25 Jul 2012 17:28

size: 33,966

-----------------------------------------------------------------------------------------------------------------------------

storage display value

variable name type format label variable label

-----------------------------------------------------------------------------------------------------------------------------

age byte %9.0g

country str8 %9s Country

year int %8.0g Year

number int %8.0g

height\_int int %8.0g

birth\_year float %9.0g

AGE double %10.0g

YEAR double %10.0g

byr double %10.0g

HEIGHT double %10.0g

-----------------------------------------------------------------------------------------------------------------------------

Sorted by:

Note: dataset has changed since last saved

. sum

Variable | Obs Mean Std. Dev. Min Max

-------------+--------------------------------------------------------

age | 666 24 .8171103 23 25

country | 0

year | 666 1894.514 11.68138 1864 1913

number | 666 106.7703 129.1913 1 937

height\_int | 666 69.5 1.709109 67 72

-------------+--------------------------------------------------------

birth\_year | 666 1870.514 11.70993 1839 1890

AGE | 666 24 .8171103 23 25

YEAR | 666 1894.514 11.68138 1864 1913

byr | 666 1870.514 11.70993 1839 1890

HEIGHT | 666 69.5 1.709109 67 72

.

.

.

. set matsize 3000

.

.

. \*do AMD\_generic

. do AMD\_generic

. /\*

> assumes a variable AGE exists with the person's age at observation

> assumes a variable YEAR exists with the year of observation

>

> this will construct birthyear from this and then do all of the tests

>

> assumes a variable HEIGHT exists with the person's height

> \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

> \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

> You can include a list of other variables to include in the regressions

> It is in the global OTHER\_Vars --m no guarantee this willwork correctly

> with those other vars as they could induce weird collinearity problems

> \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

> \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

>

>

> NOTE - these procedures always include a full set of BIRTHYEAR and AGE

> DUMMIES. It willnot (I hoipe) ever drop them from a regression model.

>

> \*/

. set matsize 3000

. set type double

. global OTHER\_Vars "" // CAREFULLY ADD IN OTHER VARS HERE

. global VERSION = 0 /\* use this to set a version number - so can do

> multiple graphs and not get overwritten \*/

. /\*

> /\* Tom's test data \*/

> use age\_eff\_data.dta, clear

> gen HEIGHT = height

> gen AGE = rb\_age\_en

> gen YEAR = enlist\_yr

> \*/

.

. drop if HEIGHT==. | AGE==. | YEAR==.

(0 observations deleted)

. keep HEIGHT AGE YEAR number $OTHER\_Vars // only keep vars will use

. sum

Variable | Obs Mean Std. Dev. Min Max

-------------+--------------------------------------------------------

number | 666 106.7703 129.1913 1 937

AGE | 666 24 .8171103 23 25

YEAR | 666 1894.514 11.68138 1864 1913

HEIGHT | 666 69.5 1.709109 67 72

. /\*\*\*\*\*\* piut your data in here and setlow\_age and high\_age\*/

.

.

.

. global OTHER\_Vars "" // CAREFULLY ADD IN OTHER VARS HERE

.

. drop if AGE<$low\_age

(0 observations deleted)

. drop if AGE>$high\_age

(0 observations deleted)

.

. quietly sum AGE //doing this to get actual observed min and max ages

. global low\_age=r(min) // youngest age

. global high\_age=r(max) // oldest age

. /\* Construct age dumies \*/

. global Age\_dums ""

. forvalues i =$low\_age/$high\_age {

2. capture drop dage\_`i'

3. quietly gen dage\_`i' = AGE ==`i'

4. if `i' > $low\_age {

5. global Age\_dums "$Age\_dums dage\_`i'"

6. }

7. }

. capture drop BYR

. gen BYR = YEAR-AGE

. sum BYR

Variable | Obs Mean Std. Dev. Min Max

-------------+--------------------------------------------------------

BYR | 666 1870.514 11.70993 1839 1890

. global first\_by = r(min) // first birth year

. global last\_by = r(max) // last birth year

.

. /\* Construct birth year dummy vars \*/

. global BC\_dums ""

. forvalues by=$first\_by/$last\_by {

2. capture drop by\_`by'

3. quietly gen by\_`by' = ( BYR ==`by' )

4. quietly sum by\_`by' if ( BYR ==`by' )

5. if `by'>$first\_by & r(N)>0 {

6. global BC\_dums "$BC\_dums by\_`by'"

7. }

8.

. }

.

. /\*construct year dummies \*/

. sum YEAR

Variable | Obs Mean Std. Dev. Min Max

-------------+--------------------------------------------------------

YEAR | 666 1894.514 11.68138 1864 1913

. global first\_yr =r(min)

. global last\_yr =r(max)

.

. /\* Construct birth year dummy vars \*/

. global BC\_dums ""

. /\* we make sure we have all of these birth years. Only keep those

> that are not empty cells \*/

. quietly reg HEIGHT $OTHER\_Vars $BC\_dums [fw=number]

. local last\_df=e(df\_m)

. local first\_ob=e(N)

. local LastR2 =e(r2)

. ereturn list

scalars:

e(N) = 71109

e(df\_m) = 0

e(df\_r) = 71108

e(F) = 0

e(r2) = 0

e(rmse) = 1.339746401823733

e(mss) = 0

e(rss) = 127633.2013106639

e(r2\_a) = 0

e(ll) = -121696.7849130173

e(ll\_0) = -121696.7849130173

e(rank) = 1

macros:

e(cmdline) : "regress HEIGHT [fw=number]"

e(title) : "Linear regression"

e(marginsok) : "XB default"

e(vce) : "ols"

e(depvar) : "HEIGHT"

e(cmd) : "regress"

e(properties) : "b V"

e(predict) : "regres\_p"

e(model) : "ols"

e(estat\_cmd) : "regress\_estat"

e(wexp) : "= number"

e(wtype) : "fweight"

matrices:

e(b) : 1 x 1

e(V) : 1 x 1

functions:

e(sample)

.

. forvalues by=$last\_by(-1)$first\_by {

2. capture drop by\_`by'

3. quietly gen by\_`by' = ( BYR ==`by' )

4.

. quietly sum by\_`by' if BYR==`by'

5. if r(N)>0 {

6.

. quietly reg HEIGHT $OTHER\_Vars $BC\_dums by\_`by' [fw=number]

7. \*display "first\_ob `first\_ob' e(N):" e(N) "LastR2: `LastR2' e(r2) " e(r2)

. assert e(N)==`first\_ob'

8. assert `LastR2'<=e(r2)

9. if e(df\_m) > `last\_df' { // add in a var only if it is not collinear

10. display "VERSION: $VERSION. Adding in : by\_`by'"

11. global BC\_dums "$BC\_dums by\_`by'"

12. local LastF =e(F)

13. local last\_df = e(df\_m)

14. }

15. else { // no additional variable entered if collinear with those already in

16. display "VERSION: $VERSION. NOT adding in : by\_`by'"

17. drop by\_`by'

18. }

19. }

20. else{

21. display "VERSION: $VERSION. NO Obs for : by\_`by'"

22. drop by\_`by'

23. }

24. }

VERSION: 0. Adding in : by\_1890

VERSION: 0. Adding in : by\_1889

VERSION: 0. Adding in : by\_1888

VERSION: 0. Adding in : by\_1887

VERSION: 0. Adding in : by\_1886

VERSION: 0. Adding in : by\_1885

VERSION: 0. Adding in : by\_1884

VERSION: 0. Adding in : by\_1883

VERSION: 0. Adding in : by\_1882

VERSION: 0. Adding in : by\_1881

VERSION: 0. Adding in : by\_1880

VERSION: 0. Adding in : by\_1879

VERSION: 0. Adding in : by\_1878

VERSION: 0. Adding in : by\_1877

VERSION: 0. Adding in : by\_1876

VERSION: 0. Adding in : by\_1875

VERSION: 0. Adding in : by\_1874

VERSION: 0. Adding in : by\_1873

VERSION: 0. Adding in : by\_1872

VERSION: 0. Adding in : by\_1871

VERSION: 0. Adding in : by\_1870

VERSION: 0. Adding in : by\_1869

VERSION: 0. Adding in : by\_1868

VERSION: 0. Adding in : by\_1867

VERSION: 0. Adding in : by\_1866

VERSION: 0. Adding in : by\_1865

VERSION: 0. Adding in : by\_1864

VERSION: 0. Adding in : by\_1863

VERSION: 0. Adding in : by\_1862

VERSION: 0. Adding in : by\_1861

VERSION: 0. Adding in : by\_1860

VERSION: 0. Adding in : by\_1859

VERSION: 0. Adding in : by\_1858

VERSION: 0. Adding in : by\_1857

VERSION: 0. Adding in : by\_1856

VERSION: 0. Adding in : by\_1855

VERSION: 0. Adding in : by\_1854

VERSION: 0. NO Obs for : by\_1853

VERSION: 0. NO Obs for : by\_1852

VERSION: 0. NO Obs for : by\_1851

VERSION: 0. Adding in : by\_1850

VERSION: 0. Adding in : by\_1849

VERSION: 0. Adding in : by\_1848

VERSION: 0. NO Obs for : by\_1847

VERSION: 0. NO Obs for : by\_1846

VERSION: 0. NO Obs for : by\_1845

VERSION: 0. NO Obs for : by\_1844

VERSION: 0. NO Obs for : by\_1843

VERSION: 0. NO Obs for : by\_1842

VERSION: 0. Adding in : by\_1841

VERSION: 0. Adding in : by\_1840

VERSION: 0. NOT adding in : by\_1839

. /\* reorder so early birth years first\*/

. macro list BC\_dums

BC\_dums: by\_1890 by\_1889 by\_1888 by\_1887 by\_1886 by\_1885 by\_1884 by\_1883 by\_1882 by\_1881 by\_1880 by\_1879 by\_1878

by\_1877 by\_1876 by\_1875 by\_1874 by\_1873 by\_1872 by\_1871 by\_1870 by\_1869 by\_1868 by\_1867 by\_1866 by\_1865

by\_1864 by\_1863 by\_1862 by\_1861 by\_1860 by\_1859 by\_1858 by\_1857 by\_1856 by\_1855 by\_1854 by\_1850 by\_1849

by\_1848 by\_1841 by\_1840

. local bcd "$BC\_dums"

. local nb: word count $BC\_dums

. display "nb: `nb'"

nb: 42

. global BC\_dums ""

. \*set trace on

. forvalues j=1/`nb' {

2. local r = `nb'+1-`j'

3. local t: word `r' of `bcd'

4. display "t: `t'"

5. global BC\_dums "$BC\_dums `t'"

6. }

t: by\_1840

t: by\_1841

t: by\_1848

t: by\_1849

t: by\_1850

t: by\_1854

t: by\_1855

t: by\_1856

t: by\_1857

t: by\_1858

t: by\_1859

t: by\_1860

t: by\_1861

t: by\_1862

t: by\_1863

t: by\_1864

t: by\_1865

t: by\_1866

t: by\_1867

t: by\_1868

t: by\_1869

t: by\_1870

t: by\_1871

t: by\_1872

t: by\_1873

t: by\_1874

t: by\_1875

t: by\_1876

t: by\_1877

t: by\_1878

t: by\_1879

t: by\_1880

t: by\_1881

t: by\_1882

t: by\_1883

t: by\_1884

t: by\_1885

t: by\_1886

t: by\_1887

t: by\_1888

t: by\_1889

t: by\_1890

. macro list BC\_dums

BC\_dums: by\_1840 by\_1841 by\_1848 by\_1849 by\_1850 by\_1854 by\_1855 by\_1856 by\_1857 by\_1858 by\_1859 by\_1860 by\_1861

by\_1862 by\_1863 by\_1864 by\_1865 by\_1866 by\_1867 by\_1868 by\_1869 by\_1870 by\_1871 by\_1872 by\_1873 by\_1874

by\_1875 by\_1876 by\_1877 by\_1878 by\_1879 by\_1880 by\_1881 by\_1882 by\_1883 by\_1884 by\_1885 by\_1886 by\_1887

by\_1888 by\_1889 by\_1890

.

.

.

.

.

.

. /\*construct year dummies \*/

. sum YEAR

Variable | Obs Mean Std. Dev. Min Max

-------------+--------------------------------------------------------

YEAR | 666 1894.514 11.68138 1864 1913

. global first\_yr =r(min)

. global last\_yr =r(max)

.

. global YR\_dums ""

. quietly reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums [fw=number]

. local last\_df=e(df\_m)

. local first\_ob=e(N)

. local LastR2 =e(r2)

. ereturn list

scalars:

e(N) = 71109

e(df\_m) = 42

e(df\_r) = 71066

e(F) = 7.622099220067854

e(r2) = .0044844590323326

e(rmse) = 1.337133955450053

e(mss) = 572.3658624431409

e(rss) = 127060.8354482208

e(r2\_a) = .0038961094316707

e(ll) = -121536.9836348021

e(ll\_0) = -121696.7849130173

e(rank) = 43

macros:

e(cmdline) : "regress HEIGHT by\_1840 by\_1841 by\_1848 by\_1849 by\_1850 by\_1854 by\_1855 by\_1856 by\_1857 by\_18.."

e(title) : "Linear regression"

e(marginsok) : "XB default"

e(vce) : "ols"

e(depvar) : "HEIGHT"

e(cmd) : "regress"

e(properties) : "b V"

e(predict) : "regres\_p"

e(model) : "ols"

e(estat\_cmd) : "regress\_estat"

e(wexp) : "= number"

e(wtype) : "fweight"

matrices:

e(b) : 1 x 43

e(V) : 43 x 43

functions:

e(sample)

.

.

. forvalues yr=$last\_yr(-1)$first\_yr {

2. capture drop yr\_`yr'

3. quietly gen yr\_`yr' = ( YEAR ==`yr' )

4. quietly sum yr\_`yr' if YEAR==`yr'

5. if r(N)>0 {

6.

. quietly reg HEIGHT $BC\_dums $YR\_dums yr\_`yr' [fw=number]

7. \* display "first\_ob `first\_ob' e(N):" e(N) "LastR2: `LastR2' e(r2) " e(r2)

.

. assert abs(e(N)-`first\_ob')<1

8. local er2 = e(r2)

9. assert `LastR2'<=`er2'

10. if e(df\_m) > `last\_df' { // add in a var only if it is not collinear

11. display "VERSION: $VERSION. Adding in : yr\_`yr''"

12. global YR\_dums "$YR\_dums yr\_`yr'"

13. local LastF =e(F)

14. local last\_df = e(df\_m)

15. }

16. else { // no additional variable entered if collinear with those already in

17. display "VERSION: $VERSION. NOT adding in : yr\_`yr'"

18. drop yr\_`yr'

19. }

20. }

21. else{

22. display "VERSION: $VERSION. NO Obs for : yr\_`yr'"

23. drop yr\_`yr'

24. }

25. }

VERSION: 0. Adding in : yr\_1913'

VERSION: 0. Adding in : yr\_1912'

VERSION: 0. Adding in : yr\_1911'

VERSION: 0. Adding in : yr\_1910'

VERSION: 0. Adding in : yr\_1909'

VERSION: 0. Adding in : yr\_1908'

VERSION: 0. Adding in : yr\_1907'

VERSION: 0. Adding in : yr\_1906'

VERSION: 0. Adding in : yr\_1905'

VERSION: 0. Adding in : yr\_1904'

VERSION: 0. Adding in : yr\_1903'

VERSION: 0. Adding in : yr\_1902'

VERSION: 0. Adding in : yr\_1901'

VERSION: 0. Adding in : yr\_1900'

VERSION: 0. Adding in : yr\_1899'

VERSION: 0. Adding in : yr\_1898'

VERSION: 0. Adding in : yr\_1897'

VERSION: 0. Adding in : yr\_1896'

VERSION: 0. Adding in : yr\_1895'

VERSION: 0. Adding in : yr\_1894'

VERSION: 0. Adding in : yr\_1893'

VERSION: 0. Adding in : yr\_1892'

VERSION: 0. Adding in : yr\_1891'

VERSION: 0. Adding in : yr\_1890'

VERSION: 0. Adding in : yr\_1889'

VERSION: 0. Adding in : yr\_1888'

VERSION: 0. Adding in : yr\_1887'

VERSION: 0. Adding in : yr\_1886'

VERSION: 0. Adding in : yr\_1885'

VERSION: 0. Adding in : yr\_1884'

VERSION: 0. Adding in : yr\_1883'

VERSION: 0. Adding in : yr\_1882'

VERSION: 0. Adding in : yr\_1881'

VERSION: 0. Adding in : yr\_1880'

VERSION: 0. NOT adding in : yr\_1879

VERSION: 0. NO Obs for : yr\_1878

VERSION: 0. NO Obs for : yr\_1877

VERSION: 0. NO Obs for : yr\_1876

VERSION: 0. NO Obs for : yr\_1875

VERSION: 0. NO Obs for : yr\_1874

VERSION: 0. NOT adding in : yr\_1873

VERSION: 0. NO Obs for : yr\_1872

VERSION: 0. NO Obs for : yr\_1871

VERSION: 0. NO Obs for : yr\_1870

VERSION: 0. NO Obs for : yr\_1869

VERSION: 0. NO Obs for : yr\_1868

VERSION: 0. NO Obs for : yr\_1867

VERSION: 0. NO Obs for : yr\_1866

VERSION: 0. NO Obs for : yr\_1865

VERSION: 0. NOT adding in : yr\_1864

.

. /\* reorder so early years first\*/

. macro list YR\_dums

YR\_dums: yr\_1913 yr\_1912 yr\_1911 yr\_1910 yr\_1909 yr\_1908 yr\_1907 yr\_1906 yr\_1905 yr\_1904 yr\_1903 yr\_1902 yr\_1901

yr\_1900 yr\_1899 yr\_1898 yr\_1897 yr\_1896 yr\_1895 yr\_1894 yr\_1893 yr\_1892 yr\_1891 yr\_1890 yr\_1889 yr\_1888

yr\_1887 yr\_1886 yr\_1885 yr\_1884 yr\_1883 yr\_1882 yr\_1881 yr\_1880

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums [fw=number] , robust

Linear regression Number of obs = 71109

F( 76, 71032) = 4.95

Prob > F = 0.0000

R-squared = 0.0055

Root MSE = 1.3367

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1840 | -.3170072 .157114 -2.02 0.044 -.6249501 -.0090643

by\_1841 | -.4170469 .160113 -2.60 0.009 -.7308681 -.1032258

by\_1848 | -.0430602 .200824 -0.21 0.830 -.4366747 .3505543

by\_1849 | -.4523393 .1504638 -3.01 0.003 -.747248 -.1574307

by\_1850 | -.490227 .1502601 -3.26 0.001 -.7847364 -.1957176

by\_1854 | -.4110357 .1494717 -2.75 0.006 -.7039999 -.1180716

by\_1855 | -.3546958 .1409828 -2.52 0.012 -.6310218 -.0783698

by\_1856 | -.4051571 .1411871 -2.87 0.004 -.6818834 -.1284309

by\_1857 | -.4224592 .1448652 -2.92 0.004 -.7063945 -.1385238

by\_1858 | -.4304086 .1503862 -2.86 0.004 -.7251651 -.1356521

by\_1859 | -.5557137 .1549042 -3.59 0.000 -.8593254 -.2521019

by\_1860 | -.5605124 .1591063 -3.52 0.000 -.8723603 -.2486646

by\_1861 | -.5704267 .1613491 -3.54 0.000 -.8866705 -.2541828

by\_1862 | -.5420353 .1642018 -3.30 0.001 -.8638704 -.2202003

by\_1863 | -.5276625 .1674402 -3.15 0.002 -.8558449 -.1994802

by\_1864 | -.46169 .1762751 -2.62 0.009 -.8071887 -.1161914

by\_1865 | -.572836 .1880776 -3.05 0.002 -.9414677 -.2042044

by\_1866 | -.5486768 .1974668 -2.78 0.005 -.9357112 -.1616423

by\_1867 | -.5199034 .2078384 -2.50 0.012 -.9272662 -.1125406

by\_1868 | -.6859829 .2144627 -3.20 0.001 -1.106329 -.2656366

by\_1869 | -.5444079 .2195127 -2.48 0.013 -.9746523 -.1141636

by\_1870 | -.6417433 .2259374 -2.84 0.005 -1.08458 -.1989067

by\_1871 | -.6734838 .233239 -2.89 0.004 -1.130631 -.216336

by\_1872 | -.6834552 .2400039 -2.85 0.004 -1.153862 -.2130481

by\_1873 | -.6050261 .2470339 -2.45 0.014 -1.089212 -.1208403

by\_1874 | -.7510904 .2532136 -2.97 0.003 -1.247388 -.2547923

by\_1875 | -.8304464 .2573998 -3.23 0.001 -1.334949 -.3259435

by\_1876 | -.7249283 .2594124 -2.79 0.005 -1.233376 -.2164807

by\_1877 | -.709321 .2606809 -2.72 0.007 -1.220255 -.1983871

by\_1878 | -.7766504 .262559 -2.96 0.003 -1.291265 -.2620355

by\_1879 | -.8485999 .2645498 -3.21 0.001 -1.367117 -.330083

by\_1880 | -.9341316 .2673621 -3.49 0.000 -1.458161 -.4101025

by\_1881 | -.8535533 .2702721 -3.16 0.002 -1.383286 -.3238207

by\_1882 | -.8462916 .2741093 -3.09 0.002 -1.383545 -.309038

by\_1883 | -1.084347 .2788762 -3.89 0.000 -1.630943 -.5377503

by\_1884 | -1.071298 .2849541 -3.76 0.000 -1.629807 -.5127885

by\_1885 | -1.201703 .2908186 -4.13 0.000 -1.771706 -.6316991

by\_1886 | -1.304964 .2986906 -4.37 0.000 -1.890397 -.7195311

by\_1887 | -1.266318 .3094322 -4.09 0.000 -1.872804 -.6598318

by\_1888 | -1.293145 .3176746 -4.07 0.000 -1.915787 -.670504

by\_1889 | -1.386076 .326203 -4.25 0.000 -2.025433 -.7467188

by\_1890 | -1.274466 .3360895 -3.79 0.000 -1.933201 -.6157315

yr\_1880 | -.0017696 .0338056 -0.05 0.958 -.0680285 .0644892

yr\_1881 | .022472 .0487729 0.46 0.645 -.0731228 .1180668

yr\_1882 | .058627 .0617942 0.95 0.343 -.0624894 .1797434

yr\_1883 | .168245 .0733657 2.29 0.022 .0244485 .3120415

yr\_1884 | .1535088 .078781 1.95 0.051 -.0009018 .3079193

yr\_1885 | .1292306 .0837249 1.54 0.123 -.0348699 .2933311

yr\_1886 | .1848665 .0897271 2.06 0.039 .0090015 .3607314

yr\_1887 | .1675259 .1005454 1.67 0.096 -.0295428 .3645946

yr\_1888 | .2070871 .1177597 1.76 0.079 -.0237215 .4378958

yr\_1889 | .2079206 .1334465 1.56 0.119 -.0536342 .4694754

yr\_1890 | .260274 .1450499 1.79 0.073 -.0240234 .5445714

yr\_1891 | .3341613 .1586519 2.11 0.035 .023204 .6451187

yr\_1892 | .2877834 .1654142 1.74 0.082 -.0364279 .6119947

yr\_1893 | .3013073 .1735262 1.74 0.083 -.0388036 .6414182

yr\_1894 | .4298481 .1823029 2.36 0.018 .072535 .7871613

yr\_1895 | .4848022 .1912181 2.54 0.011 .1100153 .8595891

yr\_1896 | .3643361 .1992663 1.83 0.067 -.0262253 .7548974

yr\_1897 | .4282458 .2082113 2.06 0.040 .0201522 .8363394

yr\_1898 | .5688705 .2137197 2.66 0.008 .1499804 .9877607

yr\_1899 | .5328802 .2180464 2.44 0.015 .1055098 .9602506

yr\_1900 | .4732033 .2180915 2.17 0.030 .0457446 .9006621

yr\_1901 | .4031595 .2207916 1.83 0.068 -.0295914 .8359104

yr\_1902 | .4792527 .2227104 2.15 0.031 .0427409 .9157645

yr\_1903 | .5345291 .2255954 2.37 0.018 .0923627 .9766955

yr\_1904 | .5632031 .2293896 2.46 0.014 .1136001 1.012806

yr\_1905 | .5615272 .2326105 2.41 0.016 .1056112 1.017443

yr\_1906 | .794764 .2380173 3.34 0.001 .3282507 1.261277

yr\_1907 | .8114598 .2444932 3.32 0.001 .3322538 1.290666

yr\_1908 | .937414 .251208 3.73 0.000 .4450469 1.429781

yr\_1909 | 1.053179 .2595001 4.06 0.000 .5445598 1.561799

yr\_1910 | 1.177714 .2696396 4.37 0.000 .6492206 1.706206

yr\_1911 | 1.154321 .279439 4.13 0.000 .6066209 1.70202

yr\_1912 | 1.178206 .2891421 4.07 0.000 .6114886 1.744924

yr\_1913 | 1.273949 .2973333 4.28 0.000 .6911765 1.856722

\_cons | 68.58654 .1384902 495.24 0.000 68.3151 68.85798

------------------------------------------------------------------------------

. test $YR\_dums

( 1) yr\_1880 = 0

( 2) yr\_1881 = 0

( 3) yr\_1882 = 0

( 4) yr\_1883 = 0

( 5) yr\_1884 = 0

( 6) yr\_1885 = 0

( 7) yr\_1886 = 0

( 8) yr\_1887 = 0

( 9) yr\_1888 = 0

(10) yr\_1889 = 0

(11) yr\_1890 = 0

(12) yr\_1891 = 0

(13) yr\_1892 = 0

(14) yr\_1893 = 0

(15) yr\_1894 = 0

(16) yr\_1895 = 0

(17) yr\_1896 = 0

(18) yr\_1897 = 0

(19) yr\_1898 = 0

(20) yr\_1899 = 0

(21) yr\_1900 = 0

(22) yr\_1901 = 0

(23) yr\_1902 = 0

(24) yr\_1903 = 0

(25) yr\_1904 = 0

(26) yr\_1905 = 0

(27) yr\_1906 = 0

(28) yr\_1907 = 0

(29) yr\_1908 = 0

(30) yr\_1909 = 0

(31) yr\_1910 = 0

(32) yr\_1911 = 0

(33) yr\_1912 = 0

(34) yr\_1913 = 0

F( 34, 71032) = 2.10

Prob > F = 0.0002

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $Age\_dums $MoreEff [fw=number] , robust

Linear regression Number of obs = 71109

F( 44, 71064) = 7.26

Prob > F = 0.0000

R-squared = 0.0047

Root MSE = 1.337

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1840 | -.3102086 .157816 -1.97 0.049 -.6195275 -.0008898

by\_1841 | -.3740657 .1608097 -2.33 0.020 -.6892523 -.0588791

by\_1848 | -.0430602 .2007788 -0.21 0.830 -.4365861 .3504657

by\_1849 | -.4455408 .1511998 -2.95 0.003 -.7418919 -.1491896

by\_1850 | -.4472458 .1510068 -2.96 0.003 -.7432187 -.1512728

by\_1854 | -.4110357 .149438 -2.75 0.006 -.7039339 -.1181376

by\_1855 | -.3499277 .1412526 -2.48 0.013 -.6267824 -.0730729

by\_1856 | -.381722 .140487 -2.72 0.007 -.6570762 -.1063678

by\_1857 | -.3838301 .140853 -2.73 0.006 -.6599015 -.1077586

by\_1858 | -.3538452 .1415636 -2.50 0.012 -.6313096 -.0763809

by\_1859 | -.4123802 .1409443 -2.93 0.003 -.6886306 -.1361299

by\_1860 | -.3899518 .1407181 -2.77 0.006 -.6657589 -.1141447

by\_1861 | -.4041194 .1405736 -2.87 0.004 -.6796433 -.1285955

by\_1862 | -.3594208 .1409003 -2.55 0.011 -.635585 -.0832565

by\_1863 | -.3169648 .14135 -2.24 0.025 -.5940105 -.0399192

by\_1864 | -.2503557 .1439038 -1.74 0.082 -.5324068 .0316954

by\_1865 | -.3334089 .14526 -2.30 0.022 -.618118 -.0486998

by\_1866 | -.2800125 .1447644 -1.93 0.053 -.5637503 .0037254

by\_1867 | -.2041112 .1451542 -1.41 0.160 -.488613 .0803905

by\_1868 | -.3588462 .1432168 -2.51 0.012 -.6395507 -.0781417

by\_1869 | -.2133142 .143414 -1.49 0.137 -.4944052 .0677768

by\_1870 | -.2468027 .1435712 -1.72 0.086 -.5282019 .0345965

by\_1871 | -.2033221 .1441984 -1.41 0.159 -.4859505 .0793063

by\_1872 | -.2251285 .1441742 -1.56 0.118 -.5077096 .0574525

by\_1873 | -.1645078 .1443847 -1.14 0.255 -.4475014 .1184859

by\_1874 | -.2262221 .143315 -1.58 0.114 -.5071191 .054675

by\_1875 | -.3186068 .1402141 -2.27 0.023 -.5934261 -.0437875

by\_1876 | -.2543849 .1409399 -1.80 0.071 -.5306268 .021857

by\_1877 | -.2375224 .141036 -1.68 0.092 -.5139526 .0389078

by\_1878 | -.2877703 .1415472 -2.03 0.042 -.5652024 -.0103381

by\_1879 | -.3095658 .142291 -2.18 0.030 -.5884558 -.0306758

by\_1880 | -.3632792 .1420098 -2.56 0.011 -.641618 -.0849404

by\_1881 | -.2300247 .1427919 -1.61 0.107 -.5098965 .0498471

by\_1882 | -.1320222 .1442191 -0.92 0.360 -.4146912 .1506468

by\_1883 | -.2414066 .1438752 -1.68 0.093 -.5234016 .0405884

by\_1884 | -.1581243 .1453271 -1.09 0.277 -.4429651 .1267165

by\_1885 | -.1744798 .1450027 -1.20 0.229 -.4586847 .1097252

by\_1886 | -.1737193 .1467722 -1.18 0.237 -.4613923 .1139538

by\_1887 | -.0762292 .1487214 -0.51 0.608 -.3677229 .2152644

by\_1888 | -.0861445 .1475882 -0.58 0.559 -.3754169 .2031279

by\_1889 | -.1360189 .1507937 -0.90 0.367 -.4315741 .1595364

by\_1890 | .0424643 .1573947 0.27 0.787 -.2660289 .3509574

dage\_24 | .0361827 .0116593 3.10 0.002 .0133304 .0590349

dage\_25 | .0429812 .0153337 2.80 0.005 .0129272 .0730352

\_cons | 68.54356 .1393055 492.04 0.000 68.27052 68.8166

------------------------------------------------------------------------------

. test $Age\_dums

( 1) dage\_24 = 0

( 2) dage\_25 = 0

F( 2, 71064) = 6.32

Prob > F = 0.0018

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $Age\_dums $More\_Eff [fw=number] , robust

Linear regression Number of obs = 71109

F(110, 70998) = 3.80

Prob > F = 0.0000

R-squared = 0.0062

Root MSE = 1.3366

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1840 | -.081319 .2122087 -0.38 0.702 -.4972476 .3346095

by\_1841 | -.143092 .2439545 -0.59 0.558 -.6212422 .3350583

by\_1848 | -.0430602 .2008721 -0.21 0.830 -.4367689 .3506485

by\_1849 | -.2166511 .207331 -1.04 0.296 -.6230193 .189717

by\_1850 | -.216272 .2376011 -0.91 0.363 -.6819695 .2494255

by\_1854 | -.4110357 .1495075 -2.75 0.006 -.70407 -.1180014

by\_1855 | -.3057272 .1485715 -2.06 0.040 -.5969271 -.0145274

by\_1856 | -.3643162 .1552097 -2.35 0.019 -.6685269 -.0601056

by\_1857 | -.2886034 .1561759 -1.85 0.065 -.5947077 .017501

by\_1858 | -.2296611 .1621712 -1.42 0.157 -.5475162 .088194

by\_1859 | -.4014917 .1484805 -2.70 0.007 -.6925131 -.1104704

by\_1860 | -.5115024 .1462288 -3.50 0.000 -.7981105 -.2248942

by\_1861 | -.422182 .1497408 -2.82 0.005 -.7156736 -.1286905

by\_1862 | -.3490385 .1732771 -2.01 0.044 -.6886612 -.0094157

by\_1863 | -.2606958 .1892683 -1.38 0.168 -.6316612 .1102697

by\_1864 | -.2146376 .1898294 -1.13 0.258 -.5867028 .1574275

by\_1865 | -.3029564 .1816 -1.67 0.095 -.6588919 .0529791

by\_1866 | -.1326378 .1858803 -0.71 0.475 -.4969626 .2316871

by\_1867 | -.1910839 .1679982 -1.14 0.255 -.5203599 .1381921

by\_1868 | -.3548311 .1704821 -2.08 0.037 -.6889756 -.0206867

by\_1869 | -.0049782 .1827868 -0.03 0.978 -.3632398 .3532834

by\_1870 | -.2793956 .1827128 -1.53 0.126 -.6375123 .0787211

by\_1871 | -.2951999 .1805973 -1.63 0.102 -.64917 .0587703

by\_1872 | -.234976 .1871698 -1.26 0.209 -.6018282 .1318763

by\_1873 | .0268636 .1717971 0.16 0.876 -.3098583 .3635855

by\_1874 | -.173411 .1623801 -1.07 0.286 -.4916757 .1448536

by\_1875 | -.3652812 .141104 -2.59 0.010 -.6418448 -.0887177

by\_1876 | -.315628 .1433835 -2.20 0.028 -.5966594 -.0345967

by\_1877 | -.243637 .1438442 -1.69 0.090 -.5255712 .0382973

by\_1878 | -.3118998 .1466593 -2.13 0.033 -.5993517 -.024448

by\_1879 | -.2368452 .1534595 -1.54 0.123 -.5376254 .063935

by\_1880 | -.4188102 .1507254 -2.78 0.005 -.7142316 -.1233889

by\_1881 | -.1698718 .1600974 -1.06 0.289 -.4836623 .1439187

by\_1882 | -.1033924 .1761404 -0.59 0.557 -.4486271 .2418423

by\_1883 | -.1934749 .173996 -1.11 0.266 -.5345066 .1475568

by\_1884 | -.0695893 .19603 -0.35 0.723 -.4538075 .3146289

by\_1885 | .0801282 .2014138 0.40 0.691 -.3146423 .4748987

by\_1886 | -.2472527 .1988907 -1.24 0.214 -.6370779 .1425724

by\_1887 | .068634 .1982445 0.35 0.729 -.3199248 .4571927

by\_1888 | .037704 .1817884 0.21 0.836 -.3186007 .3940087

by\_1889 | .0939447 .2162486 0.43 0.664 -.3299019 .5177913

by\_1890 | .273438 .241715 1.13 0.258 -.2003227 .7471988

dage\_24 | .0382668 .1163161 0.33 0.742 -.1897124 .266246

dage\_25 | .273955 .1840254 1.49 0.137 -.0867344 .6346443

b1855\_a24 | .1709622 .1550611 1.10 0.270 -.1329572 .4748817

b1856\_a23 | .2509644 .1991844 1.26 0.208 -.1394366 .6413653

b1856\_a24 | .1726518 .1614335 1.07 0.285 -.1437575 .4890611

b1857\_a23 | .1421989 .1999088 0.71 0.477 -.2496219 .5340197

b1857\_a24 | .0974521 .1643139 0.59 0.553 -.2246028 .419507

b1858\_a23 | .1190978 .2065874 0.58 0.564 -.285813 .5240087

b1858\_a24 | .063208 .1699662 0.37 0.710 -.2699252 .3963413

b1859\_a23 | .1870252 .195136 0.96 0.338 -.1954408 .5694911

b1859\_a24 | .2418179 .1569689 1.54 0.123 -.0658407 .5494766

b1860\_a23 | .3935435 .1941343 2.03 0.043 .0130409 .7740462

b1860\_a24 | .3773412 .1537783 2.45 0.014 .0759361 .6787464

b1861\_a23 | .2406665 .1955102 1.23 0.218 -.142533 .6238659

b1861\_a24 | .2590822 .1565447 1.66 0.098 -.047745 .5659094

b1862\_a23 | .1966598 .2142328 0.92 0.359 -.223236 .6165556

b1862\_a24 | .2354026 .1791838 1.31 0.189 -.1157972 .5866024

b1863\_a23 | .1942661 .2267935 0.86 0.392 -.2502486 .6387809

b1863\_a24 | .1243125 .1975333 0.63 0.529 -.2628522 .5114773

b1864\_a23 | .2008493 .2302048 0.87 0.383 -.2503515 .6520502

b1864\_a24 | .1723721 .2035721 0.85 0.397 -.2266288 .5713729

b1865\_a23 | .2203924 .2261348 0.97 0.330 -.2228312 .663616

b1865\_a24 | .1556989 .1975581 0.79 0.431 -.2315145 .5429124

b1866\_a23 | .0685015 .2289796 0.30 0.765 -.380298 .5173009

b1866\_a24 | .0487778 .1993743 0.24 0.807 -.3419953 .4395509

b1867\_a23 | .231179 .2179505 1.06 0.289 -.1960034 .6583614

b1867\_a24 | .1970713 .1832845 1.08 0.282 -.1621658 .5563084

b1868\_a23 | .2931437 .2162129 1.36 0.175 -.1306329 .7169204

b1868\_a24 | .1731693 .1806685 0.96 0.338 -.1809405 .5272792

b1869\_a23 | .0288433 .2245631 0.13 0.898 -.4112998 .4689864

b1869\_a24 | -.0366284 .1941253 -0.19 0.850 -.4171135 .3438567

b1870\_a23 | .2352104 .2247146 1.05 0.295 -.2052297 .6756504

b1870\_a24 | .3063231 .1944508 1.58 0.115 -.0748 .6874462

b1871\_a23 | .2988158 .2240108 1.33 0.182 -.1402448 .7378763

b1871\_a24 | .3703094 .1937116 1.91 0.056 -.0093649 .7499837

b1872\_a23 | .31297 .2291095 1.37 0.172 -.136084 .762024

b1872\_a24 | .142459 .199708 0.71 0.476 -.2489681 .5338862

b1873\_a23 | .0102553 .2173785 0.05 0.962 -.4158059 .4363165

b1873\_a24 | .0007217 .1870125 0.00 0.997 -.3658223 .3672656

b1874\_a23 | .1430734 .2093312 0.68 0.494 -.2672151 .5533619

b1874\_a24 | .1904997 .1751729 1.09 0.277 -.1528387 .5338382

b1875\_a23 | .3931517 .192468 2.04 0.041 .015915 .7703884

b1875\_a24 | .3151828 .1541621 2.04 0.041 .0130255 .6173402

b1876\_a23 | .372994 .1941119 1.92 0.055 -.0074648 .7534528

b1876\_a24 | .313413 .154915 2.02 0.043 .00978 .617046

b1877\_a23 | .2913389 .1938104 1.50 0.133 -.088529 .6712068

b1877\_a24 | .1852769 .1559804 1.19 0.235 -.1204442 .4909979

b1878\_a23 | .18929 .1957291 0.97 0.333 -.1943387 .5729186

b1878\_a24 | .3354457 .1585731 2.12 0.034 .0246428 .6462486

b1879\_a23 | .0748263 .2010031 0.37 0.710 -.3191393 .4687919

b1879\_a24 | .2013234 .1655267 1.22 0.224 -.1231084 .5257552

b1880\_a23 | .3243608 .1995819 1.63 0.104 -.0668193 .7155409

b1880\_a24 | .2810747 .161663 1.74 0.082 -.0357843 .5979337

b1881\_a23 | .1270331 .2062399 0.62 0.538 -.2771966 .5312629

b1881\_a24 | .1955096 .1727897 1.13 0.258 -.1431576 .5341769

b1882\_a23 | .0400203 .2204745 0.18 0.856 -.3921091 .4721496

b1882\_a24 | .3635605 .1896576 1.92 0.055 -.0081679 .7352889

b1883\_a23 | .1571626 .2186049 0.72 0.472 -.2713025 .5856276

b1883\_a24 | .1939257 .1868472 1.04 0.299 -.1722944 .5601458

b1884\_a23 | .0689324 .2380231 0.29 0.772 -.3975922 .5354571

b1884\_a24 | .199701 .2095742 0.95 0.341 -.211064 .6104659

b1885\_a23 | -.0797346 .2415595 -0.33 0.741 -.5531907 .3937215

b1885\_a24 | -.0036657 .2147163 -0.02 0.986 -.4245091 .4171777

b1886\_a23 | .2905687 .2407192 1.21 0.227 -.1812402 .7623776

b1886\_a24 | .3553066 .2191815 1.62 0.105 -.0742887 .7849019

b1887\_a23 | .0838281 .2459477 0.34 0.733 -.3982288 .5658851

b1887\_a24 | .0305158 .2164223 0.14 0.888 -.3936714 .454703

b1888\_a23 | .1445312 .1600098 0.90 0.366 -.1690876 .45815

\_cons | 68.31258 .2303347 296.58 0.000 67.86113 68.76404

------------------------------------------------------------------------------

. test $More\_Eff

( 1) b1855\_a24 = 0

( 2) b1856\_a23 = 0

( 3) b1856\_a24 = 0

( 4) b1857\_a23 = 0

( 5) b1857\_a24 = 0

( 6) b1858\_a23 = 0

( 7) b1858\_a24 = 0

( 8) b1859\_a23 = 0

( 9) b1859\_a24 = 0

(10) b1860\_a23 = 0

(11) b1860\_a24 = 0

(12) b1861\_a23 = 0

(13) b1861\_a24 = 0

(14) b1862\_a23 = 0

(15) b1862\_a24 = 0

(16) b1863\_a23 = 0

(17) b1863\_a24 = 0

(18) b1864\_a23 = 0

(19) b1864\_a24 = 0

(20) b1865\_a23 = 0

(21) b1865\_a24 = 0

(22) b1866\_a23 = 0

(23) b1866\_a24 = 0

(24) b1867\_a23 = 0

(25) b1867\_a24 = 0

(26) b1868\_a23 = 0

(27) b1868\_a24 = 0

(28) b1869\_a23 = 0

(29) b1869\_a24 = 0

(30) b1870\_a23 = 0

(31) b1870\_a24 = 0

(32) b1871\_a23 = 0

(33) b1871\_a24 = 0

(34) b1872\_a23 = 0

(35) b1872\_a24 = 0

(36) b1873\_a23 = 0

(37) b1873\_a24 = 0

(38) b1874\_a23 = 0

(39) b1874\_a24 = 0

(40) b1875\_a23 = 0

(41) b1875\_a24 = 0

(42) b1876\_a23 = 0

(43) b1876\_a24 = 0

(44) b1877\_a23 = 0

(45) b1877\_a24 = 0

(46) b1878\_a23 = 0

(47) b1878\_a24 = 0

(48) b1879\_a23 = 0

(49) b1879\_a24 = 0

(50) b1880\_a23 = 0

(51) b1880\_a24 = 0

(52) b1881\_a23 = 0

(53) b1881\_a24 = 0

(54) b1882\_a23 = 0

(55) b1882\_a24 = 0

(56) b1883\_a23 = 0

(57) b1883\_a24 = 0

(58) b1884\_a23 = 0

(59) b1884\_a24 = 0

(60) b1885\_a23 = 0

(61) b1885\_a24 = 0

(62) b1886\_a23 = 0

(63) b1886\_a24 = 0

(64) b1887\_a23 = 0

(65) b1887\_a24 = 0

(66) b1888\_a23 = 0

F( 66, 70998) = 1.56

Prob > F = 0.0025

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $MoreEff [fw=number], robust

Linear regression Number of obs = 71109

F( 76, 71032) = 4.95

Prob > F = 0.0000

R-squared = 0.0055

Root MSE = 1.3367

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1840 | -.3170072 .157114 -2.02 0.044 -.6249501 -.0090643

by\_1841 | -.4170469 .160113 -2.60 0.009 -.7308681 -.1032258

by\_1848 | -.0430602 .200824 -0.21 0.830 -.4366747 .3505543

by\_1849 | -.4523393 .1504638 -3.01 0.003 -.747248 -.1574307

by\_1850 | -.490227 .1502601 -3.26 0.001 -.7847364 -.1957176

by\_1854 | -.4110357 .1494717 -2.75 0.006 -.7039999 -.1180716

by\_1855 | -.3546958 .1409828 -2.52 0.012 -.6310218 -.0783698

by\_1856 | -.4051571 .1411871 -2.87 0.004 -.6818834 -.1284309

by\_1857 | -.4224592 .1448652 -2.92 0.004 -.7063945 -.1385238

by\_1858 | -.4304086 .1503862 -2.86 0.004 -.7251651 -.1356521

by\_1859 | -.5557137 .1549042 -3.59 0.000 -.8593254 -.2521019

by\_1860 | -.5605124 .1591063 -3.52 0.000 -.8723603 -.2486646

by\_1861 | -.5704267 .1613491 -3.54 0.000 -.8866705 -.2541828

by\_1862 | -.5420353 .1642018 -3.30 0.001 -.8638704 -.2202003

by\_1863 | -.5276625 .1674402 -3.15 0.002 -.8558449 -.1994802

by\_1864 | -.46169 .1762751 -2.62 0.009 -.8071887 -.1161914

by\_1865 | -.572836 .1880776 -3.05 0.002 -.9414677 -.2042044

by\_1866 | -.5486768 .1974668 -2.78 0.005 -.9357112 -.1616423

by\_1867 | -.5199034 .2078384 -2.50 0.012 -.9272662 -.1125406

by\_1868 | -.6859829 .2144627 -3.20 0.001 -1.106329 -.2656366

by\_1869 | -.5444079 .2195127 -2.48 0.013 -.9746523 -.1141636

by\_1870 | -.6417433 .2259374 -2.84 0.005 -1.08458 -.1989067

by\_1871 | -.6734838 .233239 -2.89 0.004 -1.130631 -.216336

by\_1872 | -.6834552 .2400039 -2.85 0.004 -1.153862 -.2130481

by\_1873 | -.6050261 .2470339 -2.45 0.014 -1.089212 -.1208403

by\_1874 | -.7510904 .2532136 -2.97 0.003 -1.247388 -.2547923

by\_1875 | -.8304464 .2573998 -3.23 0.001 -1.334949 -.3259435

by\_1876 | -.7249283 .2594124 -2.79 0.005 -1.233376 -.2164807

by\_1877 | -.709321 .2606809 -2.72 0.007 -1.220255 -.1983871

by\_1878 | -.7766504 .262559 -2.96 0.003 -1.291265 -.2620355

by\_1879 | -.8485999 .2645498 -3.21 0.001 -1.367117 -.330083

by\_1880 | -.9341316 .2673621 -3.49 0.000 -1.458161 -.4101025

by\_1881 | -.8535533 .2702721 -3.16 0.002 -1.383286 -.3238207

by\_1882 | -.8462916 .2741093 -3.09 0.002 -1.383545 -.309038

by\_1883 | -1.084347 .2788762 -3.89 0.000 -1.630943 -.5377503

by\_1884 | -1.071298 .2849541 -3.76 0.000 -1.629807 -.5127885

by\_1885 | -1.201703 .2908186 -4.13 0.000 -1.771706 -.6316991

by\_1886 | -1.304964 .2986906 -4.37 0.000 -1.890397 -.7195311

by\_1887 | -1.266318 .3094322 -4.09 0.000 -1.872804 -.6598318

by\_1888 | -1.293145 .3176746 -4.07 0.000 -1.915787 -.670504

by\_1889 | -1.386076 .326203 -4.25 0.000 -2.025433 -.7467188

by\_1890 | -1.274466 .3360895 -3.79 0.000 -1.933201 -.6157315

yr\_1880 | -.0017696 .0338056 -0.05 0.958 -.0680285 .0644892

yr\_1881 | .022472 .0487729 0.46 0.645 -.0731228 .1180668

yr\_1882 | .058627 .0617942 0.95 0.343 -.0624894 .1797434

yr\_1883 | .168245 .0733657 2.29 0.022 .0244485 .3120415

yr\_1884 | .1535088 .078781 1.95 0.051 -.0009018 .3079193

yr\_1885 | .1292306 .0837249 1.54 0.123 -.0348699 .2933311

yr\_1886 | .1848665 .0897271 2.06 0.039 .0090015 .3607314

yr\_1887 | .1675259 .1005454 1.67 0.096 -.0295428 .3645946

yr\_1888 | .2070871 .1177597 1.76 0.079 -.0237215 .4378958

yr\_1889 | .2079206 .1334465 1.56 0.119 -.0536342 .4694754

yr\_1890 | .260274 .1450499 1.79 0.073 -.0240234 .5445714

yr\_1891 | .3341613 .1586519 2.11 0.035 .023204 .6451187

yr\_1892 | .2877834 .1654142 1.74 0.082 -.0364279 .6119947

yr\_1893 | .3013073 .1735262 1.74 0.083 -.0388036 .6414182

yr\_1894 | .4298481 .1823029 2.36 0.018 .072535 .7871613

yr\_1895 | .4848022 .1912181 2.54 0.011 .1100153 .8595891

yr\_1896 | .3643361 .1992663 1.83 0.067 -.0262253 .7548974

yr\_1897 | .4282458 .2082113 2.06 0.040 .0201522 .8363394

yr\_1898 | .5688705 .2137197 2.66 0.008 .1499804 .9877607

yr\_1899 | .5328802 .2180464 2.44 0.015 .1055098 .9602506

yr\_1900 | .4732033 .2180915 2.17 0.030 .0457446 .9006621

yr\_1901 | .4031595 .2207916 1.83 0.068 -.0295914 .8359104

yr\_1902 | .4792527 .2227104 2.15 0.031 .0427409 .9157645

yr\_1903 | .5345291 .2255954 2.37 0.018 .0923627 .9766955

yr\_1904 | .5632031 .2293896 2.46 0.014 .1136001 1.012806

yr\_1905 | .5615272 .2326105 2.41 0.016 .1056112 1.017443

yr\_1906 | .794764 .2380173 3.34 0.001 .3282507 1.261277

yr\_1907 | .8114598 .2444932 3.32 0.001 .3322538 1.290666

yr\_1908 | .937414 .251208 3.73 0.000 .4450469 1.429781

yr\_1909 | 1.053179 .2595001 4.06 0.000 .5445598 1.561799

yr\_1910 | 1.177714 .2696396 4.37 0.000 .6492206 1.706206

yr\_1911 | 1.154321 .279439 4.13 0.000 .6066209 1.70202

yr\_1912 | 1.178206 .2891421 4.07 0.000 .6114886 1.744924

yr\_1913 | 1.273949 .2973333 4.28 0.000 .6911765 1.856722

\_cons | 68.58654 .1384902 495.24 0.000 68.3151 68.85798

------------------------------------------------------------------------------

. test $YR\_dums

( 1) yr\_1880 = 0

( 2) yr\_1881 = 0

( 3) yr\_1882 = 0

( 4) yr\_1883 = 0

( 5) yr\_1884 = 0

( 6) yr\_1885 = 0

( 7) yr\_1886 = 0

( 8) yr\_1887 = 0

( 9) yr\_1888 = 0

(10) yr\_1889 = 0

(11) yr\_1890 = 0

(12) yr\_1891 = 0

(13) yr\_1892 = 0

(14) yr\_1893 = 0

(15) yr\_1894 = 0

(16) yr\_1895 = 0

(17) yr\_1896 = 0

(18) yr\_1897 = 0

(19) yr\_1898 = 0

(20) yr\_1899 = 0

(21) yr\_1900 = 0

(22) yr\_1901 = 0

(23) yr\_1902 = 0

(24) yr\_1903 = 0

(25) yr\_1904 = 0

(26) yr\_1905 = 0

(27) yr\_1906 = 0

(28) yr\_1907 = 0

(29) yr\_1908 = 0

(30) yr\_1909 = 0

(31) yr\_1910 = 0

(32) yr\_1911 = 0

(33) yr\_1912 = 0

(34) yr\_1913 = 0

F( 34, 71032) = 2.10

Prob > F = 0.0002

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff [fw=number] , robust

Linear regression Number of obs = 71109

F(110, 70998) = 3.80

Prob > F = 0.0000

R-squared = 0.0062

Root MSE = 1.3366

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1840 | -.3170072 .1571516 -2.02 0.044 -.6250239 -.0089905

by\_1841 | -.4170469 .1601514 -2.60 0.009 -.7309432 -.1031507

by\_1848 | -.0430602 .2008721 -0.21 0.830 -.4367689 .3506485

by\_1849 | -.4523393 .1504998 -3.01 0.003 -.7473186 -.1573601

by\_1850 | -.490227 .1502961 -3.26 0.001 -.7848069 -.195647

by\_1854 | -.4110357 .1495075 -2.75 0.006 -.70407 -.1180014

by\_1855 | .5020471 .6735666 0.75 0.456 -.8181417 1.822236

by\_1856 | -.3873068 .1417619 -2.73 0.006 -.6651599 -.1094538

by\_1857 | .3874149 .6707542 0.58 0.564 -.9272616 1.702091

by\_1858 | -.4075089 .1634014 -2.49 0.013 -.7277752 -.0872426

by\_1859 | .1875968 .6658484 0.28 0.778 -1.117464 1.492658

by\_1860 | -.5697615 .1882535 -3.03 0.002 -.938738 -.2007851

by\_1861 | .133618 .6628507 0.20 0.840 -1.165568 1.432804

by\_1862 | -.4845928 .1970473 -2.46 0.014 -.8708051 -.0983805

by\_1863 | .2154154 .6596979 0.33 0.744 -1.077591 1.508422

by\_1864 | -.4232976 .2279173 -1.86 0.063 -.870015 .0234198

by\_1865 | .1195922 .6442715 0.19 0.853 -1.143178 1.382363

by\_1866 | -.5467512 .2683214 -2.04 0.042 -1.07266 -.020842

by\_1867 | .1886887 .6298361 0.30 0.764 -1.045788 1.423166

by\_1868 | -.7497559 .3006099 -2.49 0.013 -1.338951 -.1605612

by\_1869 | .1296827 .6207398 0.21 0.835 -1.086966 1.346331

by\_1870 | -.7130649 .3204338 -2.23 0.026 -1.341114 -.0850156

by\_1871 | -.1356782 .6068005 -0.22 0.823 -1.325006 1.053649

by\_1872 | -.6296303 .3459119 -1.82 0.069 -1.307617 .0483562

by\_1873 | -.0773144 .5930579 -0.13 0.896 -1.239706 1.085078

by\_1874 | -.6989469 .3718527 -1.88 0.060 -1.427777 .0298834

by\_1875 | -.3502625 .5821814 -0.60 0.547 -1.491337 .7908116

by\_1876 | -.7421249 .3845738 -1.93 0.054 -1.495888 .0116387

by\_1877 | -.2112344 .5796714 -0.36 0.716 -1.347389 .92492

by\_1878 | -.8230617 .3890905 -2.12 0.034 -1.585678 -.0604453

by\_1879 | -.4035712 .5764899 -0.70 0.484 -1.53349 .7263475

by\_1880 | -.8795663 .395158 -2.23 0.026 -1.654075 -.1050577

by\_1881 | -.4835196 .5707473 -0.85 0.397 -1.602183 .6351435

by\_1882 | -.7980832 .4032197 -1.98 0.048 -1.588393 -.0077736

by\_1883 | -.6239151 .5625594 -1.11 0.267 -1.72653 .4786999

by\_1884 | -.9693026 .421869 -2.30 0.022 -1.796165 -.1424404

by\_1885 | -.7040016 .5498003 -1.28 0.200 -1.781609 .3736056

by\_1886 | -1.130352 .4482456 -2.52 0.012 -2.008913 -.2517922

by\_1887 | -.9056227 .5238214 -1.73 0.084 -1.932311 .1210658

by\_1888 | -.9748194 .4763286 -2.05 0.041 -1.908422 -.0412166

by\_1889 | -1.154267 .4979819 -2.32 0.020 -2.13031 -.1782236

by\_1890 | -1.01304 .4961041 -2.04 0.041 -1.985403 -.0406776

yr\_1880 | -.8077743 .6569768 -1.23 0.219 -2.095447 .4798985

yr\_1881 | .0229906 .0762173 0.30 0.763 -.126395 .1723763

yr\_1882 | -.6760183 .6523192 -1.04 0.300 -1.954562 .6025256

yr\_1883 | .1778477 .1209218 1.47 0.141 -.0591586 .4148541

yr\_1884 | -.5890885 .6490821 -0.91 0.364 -1.861288 .6831108

yr\_1885 | .0582592 .1358118 0.43 0.668 -.2079316 .3244499

yr\_1886 | -.5558 .6457157 -0.86 0.389 -1.821401 .7098011

yr\_1887 | .1355543 .1745715 0.78 0.437 -.2066053 .4777139

yr\_1888 | -.4761112 .6319642 -0.75 0.451 -1.714759 .7625371

yr\_1889 | .20866 .2227198 0.94 0.349 -.2278702 .6451901

yr\_1890 | -.4225486 .6181482 -0.68 0.494 -1.634117 .7890203

yr\_1891 | .4141135 .2610946 1.59 0.113 -.0976313 .9258583

yr\_1892 | -.3797726 .6070174 -0.63 0.532 -1.569525 .80998

yr\_1893 | .3949247 .2846982 1.39 0.165 -.163083 .9529324

yr\_1894 | -.1346609 .5932174 -0.23 0.820 -1.297366 1.028044

yr\_1895 | .4336693 .312545 1.39 0.165 -.178918 1.046257

yr\_1896 | -.1595217 .5793026 -0.28 0.783 -1.294953 .9759098

yr\_1897 | .3946543 .3410427 1.16 0.247 -.2737886 1.063097

yr\_1898 | .104178 .5676296 0.18 0.854 -1.008375 1.216731

yr\_1899 | .5255359 .3553369 1.48 0.139 -.1709235 1.221995

yr\_1900 | -.0150187 .5648228 -0.03 0.979 -1.12207 1.092033

yr\_1901 | .4264968 .3606638 1.18 0.237 -.2804033 1.133397

yr\_1902 | -.0324026 .5615405 -0.06 0.954 -1.133021 1.068215

yr\_1903 | .5111619 .3667737 1.39 0.163 -.2077136 1.230037

yr\_1904 | .166726 .5556895 0.30 0.764 -.922424 1.255876

yr\_1905 | .4607561 .3748207 1.23 0.219 -.2738915 1.195404

yr\_1906 | .3136478 .5478333 0.57 0.567 -.7601039 1.3874

yr\_1907 | .6946908 .3939977 1.76 0.078 -.0775436 1.466925

yr\_1908 | .4304402 .5349753 0.80 0.421 -.6181099 1.47899

yr\_1909 | .8997133 .4219287 2.13 0.033 .0727342 1.726692

yr\_1910 | .7841298 .5115788 1.53 0.125 -.2185633 1.786823

yr\_1911 | .8830996 .44956 1.96 0.049 .0019633 1.764236

yr\_1912 | .9742566 .4848587 2.01 0.045 .0239349 1.924578

yr\_1913 | 1.012523 .4707 2.15 0.031 .0899526 1.935094

y1879\_b1855 | -.8725003 .6597928 -1.32 0.186 -2.165692 .4206919

y1880\_b1856 | .7677285 .6569127 1.17 0.243 -.5198187 2.055276

y1881\_b1857 | -.837245 .6529735 -1.28 0.200 -2.117071 .4425814

y1882\_b1858 | .6813858 .6476502 1.05 0.293 -.5880069 1.950779

y1883\_b1859 | -.7608065 .6410841 -1.19 0.235 -2.01733 .4957168

y1884\_b1860 | .7890007 .6373183 1.24 0.216 -.4601416 2.038143

y1885\_b1861 | -.5906652 .6345662 -0.93 0.352 -1.834413 .6530829

y1886\_b1862 | .6910687 .6310661 1.10 0.273 -.5458193 1.927957

y1887\_b1863 | -.7230412 .6225649 -1.16 0.245 -1.943267 .4971845

y1888\_b1864 | .621455 .6089995 1.02 0.308 -.5721825 1.815092

y1889\_b1865 | -.7111978 .5926183 -1.20 0.230 -1.872728 .4503325

y1890\_b1866 | .6497516 .5773656 1.13 0.260 -.4818834 1.781387

y1891\_b1867 | -.832503 .5599616 -1.49 0.137 -1.930026 .2650203

y1892\_b1868 | .7121785 .547469 1.30 0.193 -.3608593 1.785216

y1893\_b1869 | -.8019022 .536845 -1.49 0.135 -1.854117 .2503126

y1894\_b1870 | .6389652 .5212464 1.23 0.220 -.3826764 1.660607

y1895\_b1871 | -.4585698 .5050697 -0.91 0.364 -1.448505 .5313654

y1896\_b1872 | .4609469 .488701 0.94 0.346 -.4969058 1.4188

y1897\_b1873 | -.5254429 .4696073 -1.12 0.263 -1.445872 .3949862

y1898\_b1874 | .3761694 .4541902 0.83 0.408 -.5140421 1.266381

y1899\_b1875 | -.46106 .442934 -1.04 0.298 -1.32921 .4070896

y1900\_b1876 | .5192404 .4388726 1.18 0.237 -.3409489 1.37943

y1901\_b1877 | -.5093108 .435021 -1.17 0.242 -1.361951 .3433292

y1902\_b1878 | .643322 .4308298 1.49 0.135 -.2011033 1.487747

y1903\_b1879 | -.3788006 .4258298 -0.89 0.374 -1.213426 .4558247

y1904\_b1880 | .3394166 .4172521 0.81 0.416 -.4783964 1.15723

y1905\_b1881 | -.1872868 .4112798 -0.46 0.649 -.9933942 .6188206

y1906\_b1882 | .5089152 .400651 1.27 0.204 -.2763596 1.29419

y1907\_b1883 | -.306013 .3814975 -0.80 0.422 -1.053747 .4417211

y1908\_b1884 | .4332859 .3629878 1.19 0.233 -.2781694 1.144741

y1909\_b1885 | -.3549374 .3308417 -1.07 0.283 -1.003386 .2935115

y1910\_b1886 | .2185882 .2954883 0.74 0.459 -.3605681 .7977445

y1911\_b1887 | -.1140154 .2438985 -0.47 0.640 -.5920559 .364025

y1912\_b1888 | -.1974214 .1840254 -1.07 0.283 -.5581108 .1632679

\_cons | 68.58654 .1385233 495.13 0.000 68.31503 68.85804

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1879\_b1855 = 0

( 2) y1880\_b1856 = 0

( 3) y1881\_b1857 = 0

( 4) y1882\_b1858 = 0

( 5) y1883\_b1859 = 0

( 6) y1884\_b1860 = 0

( 7) y1885\_b1861 = 0

( 8) y1886\_b1862 = 0

( 9) y1887\_b1863 = 0

(10) y1888\_b1864 = 0

(11) y1889\_b1865 = 0

(12) y1890\_b1866 = 0

(13) y1891\_b1867 = 0

(14) y1892\_b1868 = 0

(15) y1893\_b1869 = 0

(16) y1894\_b1870 = 0

(17) y1895\_b1871 = 0

(18) y1896\_b1872 = 0

(19) y1897\_b1873 = 0

(20) y1898\_b1874 = 0

(21) y1899\_b1875 = 0

(22) y1900\_b1876 = 0

(23) y1901\_b1877 = 0

(24) y1902\_b1878 = 0

(25) y1903\_b1879 = 0

(26) y1904\_b1880 = 0

(27) y1905\_b1881 = 0

(28) y1906\_b1882 = 0

(29) y1907\_b1883 = 0

(30) y1908\_b1884 = 0

(31) y1909\_b1885 = 0

(32) y1910\_b1886 = 0

(33) y1911\_b1887 = 0

(34) y1912\_b1888 = 0

F( 34, 70998) = 1.27

Prob > F = 0.1367

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff [fw=number] , robust

Linear regression Number of obs = 71109

F(110, 70998) = 3.80

Prob > F = 0.0000

R-squared = 0.0062

Root MSE = 1.3366

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1840 | -.3170072 .1571516 -2.02 0.044 -.6250239 -.0089905

by\_1841 | -.4170469 .1601514 -2.60 0.009 -.7309432 -.1031507

by\_1848 | -.0430602 .2008721 -0.21 0.830 -.4367689 .3506485

by\_1849 | -.4523393 .1504998 -3.01 0.003 -.7473186 -.1573601

by\_1850 | -.490227 .1502961 -3.26 0.001 -.7848069 -.195647

by\_1854 | -.4110357 .1495075 -2.75 0.006 -.70407 -.1180014

by\_1855 | .5020471 .6735666 0.75 0.456 -.8181417 1.822236

by\_1856 | -.3873068 .1417619 -2.73 0.006 -.6651599 -.1094538

by\_1857 | .3874149 .6707542 0.58 0.564 -.9272616 1.702091

by\_1858 | -.4075089 .1634014 -2.49 0.013 -.7277752 -.0872426

by\_1859 | .1875968 .6658484 0.28 0.778 -1.117464 1.492658

by\_1860 | -.5697615 .1882535 -3.03 0.002 -.938738 -.2007851

by\_1861 | .133618 .6628507 0.20 0.840 -1.165568 1.432804

by\_1862 | -.4845928 .1970473 -2.46 0.014 -.8708051 -.0983805

by\_1863 | .2154154 .6596979 0.33 0.744 -1.077591 1.508422

by\_1864 | -.4232976 .2279173 -1.86 0.063 -.870015 .0234198

by\_1865 | .1195922 .6442715 0.19 0.853 -1.143178 1.382363

by\_1866 | -.5467512 .2683214 -2.04 0.042 -1.07266 -.020842

by\_1867 | .1886887 .6298361 0.30 0.764 -1.045788 1.423166

by\_1868 | -.7497559 .3006099 -2.49 0.013 -1.338951 -.1605612

by\_1869 | .1296827 .6207398 0.21 0.835 -1.086966 1.346331

by\_1870 | -.7130649 .3204338 -2.23 0.026 -1.341114 -.0850156

by\_1871 | -.1356782 .6068005 -0.22 0.823 -1.325006 1.053649

by\_1872 | -.6296303 .3459119 -1.82 0.069 -1.307617 .0483562

by\_1873 | -.0773144 .5930579 -0.13 0.896 -1.239706 1.085078

by\_1874 | -.6989469 .3718527 -1.88 0.060 -1.427777 .0298834

by\_1875 | -.3502625 .5821814 -0.60 0.547 -1.491337 .7908116

by\_1876 | -.7421249 .3845738 -1.93 0.054 -1.495888 .0116387

by\_1877 | -.2112344 .5796714 -0.36 0.716 -1.347389 .92492

by\_1878 | -.8230617 .3890905 -2.12 0.034 -1.585678 -.0604453

by\_1879 | -.4035712 .5764899 -0.70 0.484 -1.53349 .7263475

by\_1880 | -.8795663 .395158 -2.23 0.026 -1.654075 -.1050577

by\_1881 | -.4835196 .5707473 -0.85 0.397 -1.602183 .6351435

by\_1882 | -.7980832 .4032197 -1.98 0.048 -1.588393 -.0077736

by\_1883 | -.6239151 .5625594 -1.11 0.267 -1.72653 .4786999

by\_1884 | -.9693026 .421869 -2.30 0.022 -1.796165 -.1424404

by\_1885 | -.7040016 .5498003 -1.28 0.200 -1.781609 .3736056

by\_1886 | -1.130352 .4482456 -2.52 0.012 -2.008913 -.2517922

by\_1887 | -.9056227 .5238214 -1.73 0.084 -1.932311 .1210658

by\_1888 | -.9748194 .4763286 -2.05 0.041 -1.908422 -.0412166

by\_1889 | -1.154267 .4979819 -2.32 0.020 -2.13031 -.1782236

by\_1890 | -1.01304 .4961041 -2.04 0.041 -1.985403 -.0406776

yr\_1880 | -.8077743 .6569768 -1.23 0.219 -2.095447 .4798985

yr\_1881 | .0229906 .0762173 0.30 0.763 -.126395 .1723763

yr\_1882 | -.6760183 .6523192 -1.04 0.300 -1.954562 .6025256

yr\_1883 | .1778477 .1209218 1.47 0.141 -.0591586 .4148541

yr\_1884 | -.5890885 .6490821 -0.91 0.364 -1.861288 .6831108

yr\_1885 | .0582592 .1358118 0.43 0.668 -.2079316 .3244499

yr\_1886 | -.5558 .6457157 -0.86 0.389 -1.821401 .7098011

yr\_1887 | .1355543 .1745715 0.78 0.437 -.2066053 .4777139

yr\_1888 | -.4761112 .6319642 -0.75 0.451 -1.714759 .7625371

yr\_1889 | .20866 .2227198 0.94 0.349 -.2278702 .6451901

yr\_1890 | -.4225486 .6181482 -0.68 0.494 -1.634117 .7890203

yr\_1891 | .4141135 .2610946 1.59 0.113 -.0976313 .9258583

yr\_1892 | -.3797726 .6070174 -0.63 0.532 -1.569525 .80998

yr\_1893 | .3949247 .2846982 1.39 0.165 -.163083 .9529324

yr\_1894 | -.1346609 .5932174 -0.23 0.820 -1.297366 1.028044

yr\_1895 | .4336693 .312545 1.39 0.165 -.178918 1.046257

yr\_1896 | -.1595217 .5793026 -0.28 0.783 -1.294953 .9759098

yr\_1897 | .3946543 .3410427 1.16 0.247 -.2737886 1.063097

yr\_1898 | .104178 .5676296 0.18 0.854 -1.008375 1.216731

yr\_1899 | .5255359 .3553369 1.48 0.139 -.1709235 1.221995

yr\_1900 | -.0150187 .5648228 -0.03 0.979 -1.12207 1.092033

yr\_1901 | .4264968 .3606638 1.18 0.237 -.2804033 1.133397

yr\_1902 | -.0324026 .5615405 -0.06 0.954 -1.133021 1.068215

yr\_1903 | .5111619 .3667737 1.39 0.163 -.2077136 1.230037

yr\_1904 | .166726 .5556895 0.30 0.764 -.922424 1.255876

yr\_1905 | .4607561 .3748207 1.23 0.219 -.2738915 1.195404

yr\_1906 | .3136478 .5478333 0.57 0.567 -.7601039 1.3874

yr\_1907 | .6946908 .3939977 1.76 0.078 -.0775436 1.466925

yr\_1908 | .4304402 .5349753 0.80 0.421 -.6181099 1.47899

yr\_1909 | .8997133 .4219287 2.13 0.033 .0727342 1.726692

yr\_1910 | .7841298 .5115788 1.53 0.125 -.2185633 1.786823

yr\_1911 | .8830996 .44956 1.96 0.049 .0019633 1.764236

yr\_1912 | .9742566 .4848587 2.01 0.045 .0239349 1.924578

yr\_1913 | 1.012523 .4707 2.15 0.031 .0899526 1.935094

y1879\_b1855 | -.8725003 .6597928 -1.32 0.186 -2.165692 .4206919

y1880\_b1856 | .7677285 .6569127 1.17 0.243 -.5198187 2.055276

y1881\_b1857 | -.837245 .6529735 -1.28 0.200 -2.117071 .4425814

y1882\_b1858 | .6813858 .6476502 1.05 0.293 -.5880069 1.950779

y1883\_b1859 | -.7608065 .6410841 -1.19 0.235 -2.01733 .4957168

y1884\_b1860 | .7890007 .6373183 1.24 0.216 -.4601416 2.038143

y1885\_b1861 | -.5906652 .6345662 -0.93 0.352 -1.834413 .6530829

y1886\_b1862 | .6910687 .6310661 1.10 0.273 -.5458193 1.927957

y1887\_b1863 | -.7230412 .6225649 -1.16 0.245 -1.943267 .4971845

y1888\_b1864 | .621455 .6089995 1.02 0.308 -.5721825 1.815092

y1889\_b1865 | -.7111978 .5926183 -1.20 0.230 -1.872728 .4503325

y1890\_b1866 | .6497516 .5773656 1.13 0.260 -.4818834 1.781387

y1891\_b1867 | -.832503 .5599616 -1.49 0.137 -1.930026 .2650203

y1892\_b1868 | .7121785 .547469 1.30 0.193 -.3608593 1.785216

y1893\_b1869 | -.8019022 .536845 -1.49 0.135 -1.854117 .2503126

y1894\_b1870 | .6389652 .5212464 1.23 0.220 -.3826764 1.660607

y1895\_b1871 | -.4585698 .5050697 -0.91 0.364 -1.448505 .5313654

y1896\_b1872 | .4609469 .488701 0.94 0.346 -.4969058 1.4188

y1897\_b1873 | -.5254429 .4696073 -1.12 0.263 -1.445872 .3949862

y1898\_b1874 | .3761694 .4541902 0.83 0.408 -.5140421 1.266381

y1899\_b1875 | -.46106 .442934 -1.04 0.298 -1.32921 .4070896

y1900\_b1876 | .5192404 .4388726 1.18 0.237 -.3409489 1.37943

y1901\_b1877 | -.5093108 .435021 -1.17 0.242 -1.361951 .3433292

y1902\_b1878 | .643322 .4308298 1.49 0.135 -.2011033 1.487747

y1903\_b1879 | -.3788006 .4258298 -0.89 0.374 -1.213426 .4558247

y1904\_b1880 | .3394166 .4172521 0.81 0.416 -.4783964 1.15723

y1905\_b1881 | -.1872868 .4112798 -0.46 0.649 -.9933942 .6188206

y1906\_b1882 | .5089152 .400651 1.27 0.204 -.2763596 1.29419

y1907\_b1883 | -.306013 .3814975 -0.80 0.422 -1.053747 .4417211

y1908\_b1884 | .4332859 .3629878 1.19 0.233 -.2781694 1.144741

y1909\_b1885 | -.3549374 .3308417 -1.07 0.283 -1.003386 .2935115

y1910\_b1886 | .2185882 .2954883 0.74 0.459 -.3605681 .7977445

y1911\_b1887 | -.1140154 .2438985 -0.47 0.640 -.5920559 .364025

y1912\_b1888 | -.1974214 .1840254 -1.07 0.283 -.5581108 .1632679

\_cons | 68.58654 .1385233 495.13 0.000 68.31503 68.85804

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1879\_b1855 = 0

( 2) y1880\_b1856 = 0

( 3) y1881\_b1857 = 0

( 4) y1882\_b1858 = 0

( 5) y1883\_b1859 = 0

( 6) y1884\_b1860 = 0

( 7) y1885\_b1861 = 0

( 8) y1886\_b1862 = 0

( 9) y1887\_b1863 = 0

(10) y1888\_b1864 = 0

(11) y1889\_b1865 = 0

(12) y1890\_b1866 = 0

(13) y1891\_b1867 = 0

(14) y1892\_b1868 = 0

(15) y1893\_b1869 = 0

(16) y1894\_b1870 = 0

(17) y1895\_b1871 = 0

(18) y1896\_b1872 = 0

(19) y1897\_b1873 = 0

(20) y1898\_b1874 = 0

(21) y1899\_b1875 = 0

(22) y1900\_b1876 = 0

(23) y1901\_b1877 = 0

(24) y1902\_b1878 = 0

(25) y1903\_b1879 = 0

(26) y1904\_b1880 = 0

(27) y1905\_b1881 = 0

(28) y1906\_b1882 = 0

(29) y1907\_b1883 = 0

(30) y1908\_b1884 = 0

(31) y1909\_b1885 = 0

(32) y1910\_b1886 = 0

(33) y1911\_b1887 = 0

(34) y1912\_b1888 = 0

F( 34, 70998) = 1.27

Prob > F = 0.1367

**Appendix 2.6 Virginia and Maryland Free Blacks**

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums , robust

Linear regression Number of obs = 4797

F(121, 4675) = 1.29

Prob > F = 0.0188

R-squared = 0.0268

Root MSE = 2.7388

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1778 | .7504805 1.241013 0.60 0.545 -1.682491 3.183452

by\_1779 | -2.257864 1.026216 -2.20 0.028 -4.26973 -.2459972

by\_1780 | .6659293 1.143157 0.58 0.560 -1.575198 2.907057

by\_1781 | -.4270487 .9952812 -0.43 0.668 -2.378269 1.524172

by\_1782 | -.2303535 .8767455 -0.26 0.793 -1.949188 1.488481

by\_1783 | .1278858 1.012241 0.13 0.899 -1.856585 2.112356

by\_1784 | .0503699 .9850336 0.05 0.959 -1.88076 1.9815

by\_1785 | -.8937931 1.08633 -0.82 0.411 -3.023512 1.235926

by\_1786 | -1.195983 1.051138 -1.14 0.255 -3.256709 .8647431

by\_1787 | -.4515241 1.068069 -0.42 0.672 -2.545443 1.642395

by\_1788 | -.126061 1.075971 -0.12 0.907 -2.235471 1.983349

by\_1789 | .7842896 1.082327 0.72 0.469 -1.337583 2.906162

by\_1790 | .158207 1.102259 0.14 0.886 -2.002741 2.319155

by\_1791 | 1.10068 1.147294 0.96 0.337 -1.148556 3.349917

by\_1792 | -.3913046 1.118674 -0.35 0.727 -2.584432 1.801823

by\_1793 | .9417072 1.141485 0.82 0.409 -1.296141 3.179555

by\_1794 | 1.144041 1.147545 1.00 0.319 -1.105688 3.39377

by\_1795 | .5480719 1.142666 0.48 0.632 -1.692093 2.788236

by\_1796 | .4655686 1.149252 0.41 0.685 -1.787507 2.718644

by\_1797 | .059027 1.172869 0.05 0.960 -2.240348 2.358403

by\_1798 | -.0137796 1.163285 -0.01 0.991 -2.294366 2.266807

by\_1799 | .6299775 1.151343 0.55 0.584 -1.627198 2.887153

by\_1800 | .6062656 1.174257 0.52 0.606 -1.695832 2.908363

by\_1801 | .6937731 1.179777 0.59 0.557 -1.619147 3.006693

by\_1802 | .4426269 1.192744 0.37 0.711 -1.895715 2.780968

by\_1803 | 1.03665 1.215085 0.85 0.394 -1.34549 3.41879

by\_1804 | .4018955 1.196792 0.34 0.737 -1.944381 2.748172

by\_1805 | 1.112705 1.211234 0.92 0.358 -1.261884 3.487295

by\_1806 | .864648 1.211732 0.71 0.476 -1.510918 3.240214

by\_1807 | .9911881 1.213616 0.82 0.414 -1.388072 3.370448

by\_1808 | .6365645 1.22991 0.52 0.605 -1.77464 3.047769

by\_1809 | .7417584 1.241125 0.60 0.550 -1.691432 3.174949

by\_1810 | .579008 1.254997 0.46 0.645 -1.881379 3.039395

by\_1811 | .7727496 1.267154 0.61 0.542 -1.711469 3.256969

by\_1812 | .9958247 1.278574 0.78 0.436 -1.510784 3.502434

by\_1813 | .630299 1.286458 0.49 0.624 -1.891766 3.152364

by\_1814 | .5504404 1.284339 0.43 0.668 -1.96747 3.068351

by\_1815 | .4952729 1.291298 0.38 0.701 -2.036281 3.026827

by\_1816 | .2999395 1.30355 0.23 0.818 -2.255633 2.855512

by\_1817 | 1.046414 1.308873 0.80 0.424 -1.519595 3.612422

by\_1818 | .0527046 1.323232 0.04 0.968 -2.541455 2.646864

by\_1819 | .5622794 1.332694 0.42 0.673 -2.05043 3.174989

by\_1820 | .8483619 1.324761 0.64 0.522 -1.748794 3.445518

by\_1821 | 1.050174 1.320337 0.80 0.426 -1.53831 3.638658

by\_1822 | .4059203 1.323528 0.31 0.759 -2.188819 3.00066

by\_1823 | .8605918 1.33228 0.65 0.518 -1.751306 3.47249

by\_1824 | .7200302 1.331559 0.54 0.589 -1.890454 3.330514

by\_1825 | .5470149 1.332728 0.41 0.681 -2.065761 3.159791

by\_1826 | .8173678 1.340213 0.61 0.542 -1.810082 3.444818

by\_1827 | .5498416 1.34039 0.41 0.682 -2.077954 3.177638

by\_1828 | 1.030104 1.343894 0.77 0.443 -1.604562 3.66477

by\_1829 | .5296222 1.352853 0.39 0.695 -2.122608 3.181852

by\_1830 | .7660395 1.350307 0.57 0.571 -1.881198 3.413277

by\_1831 | .86982 1.363442 0.64 0.524 -1.803169 3.542809

by\_1832 | .9171216 1.36599 0.67 0.502 -1.760863 3.595106

by\_1833 | .1919051 1.362676 0.14 0.888 -2.479582 2.863392

by\_1834 | .6066869 1.373666 0.44 0.659 -2.086345 3.299719

by\_1835 | .4945713 1.378082 0.36 0.720 -2.207119 3.196262

by\_1836 | .4696907 1.389471 0.34 0.735 -2.254328 3.193709

by\_1837 | .9985598 1.397302 0.71 0.475 -1.740812 3.737932

by\_1838 | 1.181331 1.644744 0.72 0.473 -2.043141 4.405804

by\_1839 | -.1655249 1.778091 -0.09 0.926 -3.651422 3.320372

by\_1840 | .4844751 1.69265 0.29 0.775 -2.833918 3.802868

by\_1841 | 1.923798 1.615752 1.19 0.234 -1.243838 5.091433

yr\_1807 | 1.511298 .9718779 1.56 0.120 -.3940413 3.416637

yr\_1808 | 2.156419 1.370876 1.57 0.116 -.5311438 4.843982

yr\_1809 | 1.927815 1.048651 1.84 0.066 -.1280347 3.983665

yr\_1810 | 1.334975 1.048255 1.27 0.203 -.7200994 3.390049

yr\_1811 | 2.578033 1.115473 2.31 0.021 .3911788 4.764887

yr\_1812 | 1.753138 1.218941 1.44 0.150 -.6365614 4.142837

yr\_1813 | 1.618696 1.18213 1.37 0.171 -.698836 3.936228

yr\_1814 | 2.272571 1.239349 1.83 0.067 -.1571383 4.70228

yr\_1815 | 1.971419 1.1078 1.78 0.075 -.2003927 4.14323

yr\_1816 | 1.524084 1.12283 1.36 0.175 -.6771917 3.72536

yr\_1817 | .702852 1.198786 0.59 0.558 -1.647334 3.053038

yr\_1818 | 1.036587 1.237844 0.84 0.402 -1.390171 3.463345

yr\_1819 | 1.139996 1.167264 0.98 0.329 -1.148392 3.428384

yr\_1820 | 1.674268 1.212164 1.38 0.167 -.7021455 4.050682

yr\_1821 | 1.527445 1.231506 1.24 0.215 -.8868869 3.941777

yr\_1822 | 1.199333 1.204834 1.00 0.320 -1.162709 3.561375

yr\_1823 | 1.121839 1.196108 0.94 0.348 -1.223097 3.466774

yr\_1824 | 1.836752 1.206652 1.52 0.128 -.5288563 4.202359

yr\_1825 | 1.222273 1.221842 1.00 0.317 -1.173114 3.61766

yr\_1826 | 1.258095 1.24353 1.01 0.312 -1.179811 3.696

yr\_1827 | 1.805113 1.226453 1.47 0.141 -.5993133 4.209539

yr\_1828 | 1.353861 1.238823 1.09 0.275 -1.074817 3.782538

yr\_1829 | 1.133631 1.248222 0.91 0.364 -1.313472 3.580734

yr\_1830 | .9804735 1.267056 0.77 0.439 -1.503554 3.464501

yr\_1831 | .7934185 1.249656 0.63 0.526 -1.656497 3.243334

yr\_1832 | 1.272753 1.247462 1.02 0.308 -1.172861 3.718367

yr\_1833 | 1.26238 1.285691 0.98 0.326 -1.258179 3.78294

yr\_1834 | .5633873 1.341464 0.42 0.675 -2.066514 3.193288

yr\_1835 | 1.377155 1.305659 1.05 0.292 -1.182552 3.936862

yr\_1836 | 1.611661 1.310376 1.23 0.219 -.9572947 4.180617

yr\_1837 | 1.190123 1.29927 0.92 0.360 -1.357059 3.737304

yr\_1838 | 1.460622 1.318989 1.11 0.268 -1.125219 4.046462

yr\_1839 | 1.818947 1.321014 1.38 0.169 -.7708635 4.408757

yr\_1840 | 1.665036 1.327948 1.25 0.210 -.9383696 4.268441

yr\_1841 | .8759876 1.362485 0.64 0.520 -1.795126 3.547102

yr\_1842 | 1.047503 1.380074 0.76 0.448 -1.658092 3.753098

yr\_1843 | 1.589929 1.368478 1.16 0.245 -1.092934 4.272791

yr\_1844 | 1.526481 1.366659 1.12 0.264 -1.152815 4.205778

yr\_1845 | 1.188938 1.36047 0.87 0.382 -1.478225 3.856102

yr\_1846 | 1.600937 1.380825 1.16 0.246 -1.106132 4.308006

yr\_1847 | 1.464713 1.360026 1.08 0.282 -1.20158 4.131005

yr\_1848 | 1.376891 1.379492 1.00 0.318 -1.327564 4.081346

yr\_1849 | 2.048746 1.386938 1.48 0.140 -.6703074 4.767799

yr\_1850 | 1.438761 1.377532 1.04 0.296 -1.261851 4.139373

yr\_1851 | 1.127199 1.380495 0.82 0.414 -1.579222 3.83362

yr\_1852 | 1.06277 1.380003 0.77 0.441 -1.642686 3.768226

yr\_1853 | 1.33304 1.383993 0.96 0.336 -1.380239 4.04632

yr\_1854 | 1.262183 1.397841 0.90 0.367 -1.478244 4.00261

yr\_1855 | 1.097226 1.403481 0.78 0.434 -1.654258 3.848711

yr\_1856 | 1.386931 1.406083 0.99 0.324 -1.369655 4.143518

yr\_1857 | 1.288368 1.396506 0.92 0.356 -1.449442 4.026179

yr\_1858 | 1.058046 1.409225 0.75 0.453 -1.704699 3.820791

yr\_1859 | 1.261062 1.406755 0.90 0.370 -1.496841 4.018966

yr\_1860 | .9401408 1.405916 0.67 0.504 -1.816117 3.696399

yr\_1861 | .619038 1.482758 0.42 0.676 -2.287867 3.525943

yr\_1862 | 1.266671 1.524536 0.83 0.406 -1.72214 4.255481

yr\_1863 | 1.689323 1.553182 1.09 0.277 -1.355646 4.734291

\_cons | 65.4262 1.213976 53.89 0.000 63.04624 67.80617

------------------------------------------------------------------------------

. test $YR\_dums

( 1) yr\_1807 = 0

( 2) yr\_1808 = 0

( 3) yr\_1809 = 0

( 4) yr\_1810 = 0

( 5) yr\_1811 = 0

( 6) yr\_1812 = 0

( 7) yr\_1813 = 0

( 8) yr\_1814 = 0

( 9) yr\_1815 = 0

(10) yr\_1816 = 0

(11) yr\_1817 = 0

(12) yr\_1818 = 0

(13) yr\_1819 = 0

(14) yr\_1820 = 0

(15) yr\_1821 = 0

(16) yr\_1822 = 0

(17) yr\_1823 = 0

(18) yr\_1824 = 0

(19) yr\_1825 = 0

(20) yr\_1826 = 0

(21) yr\_1827 = 0

(22) yr\_1828 = 0

(23) yr\_1829 = 0

(24) yr\_1830 = 0

(25) yr\_1831 = 0

(26) yr\_1832 = 0

(27) yr\_1833 = 0

(28) yr\_1834 = 0

(29) yr\_1835 = 0

(30) yr\_1836 = 0

(31) yr\_1837 = 0

(32) yr\_1838 = 0

(33) yr\_1839 = 0

(34) yr\_1840 = 0

(35) yr\_1841 = 0

(36) yr\_1842 = 0

(37) yr\_1843 = 0

(38) yr\_1844 = 0

(39) yr\_1845 = 0

(40) yr\_1846 = 0

(41) yr\_1847 = 0

(42) yr\_1848 = 0

(43) yr\_1849 = 0

(44) yr\_1850 = 0

(45) yr\_1851 = 0

(46) yr\_1852 = 0

(47) yr\_1853 = 0

(48) yr\_1854 = 0

(49) yr\_1855 = 0

(50) yr\_1856 = 0

(51) yr\_1857 = 0

(52) yr\_1858 = 0

(53) yr\_1859 = 0

(54) yr\_1860 = 0

(55) yr\_1861 = 0

(56) yr\_1862 = 0

(57) yr\_1863 = 0

F( 57, 4675) = 0.86

Prob > F = 0.7563

. reg HEIGHT $OTHER\_Vars $BC\_dums $Age\_dums $MoreEff , robust

Linear regression Number of obs = 4797

F( 71, 4725) = 1.63

Prob > F = 0.0007

R-squared = 0.0185

Root MSE = 2.736

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1778 | -.4484321 .9969372 -0.45 0.653 -2.402894 1.50603

by\_1779 | -1.841346 .8355891 -2.20 0.028 -3.47949 -.203202

by\_1780 | .2876805 .9197519 0.31 0.754 -1.515462 2.090823

by\_1781 | -.2427803 1.018313 -0.24 0.812 -2.239149 1.753589

by\_1782 | -.6951157 .863448 -0.81 0.421 -2.387876 .997645

by\_1783 | .174664 .9507722 0.18 0.854 -1.689293 2.038621

by\_1784 | .1675666 .88992 0.19 0.851 -1.577092 1.912225

by\_1785 | -.48331 .9193251 -0.53 0.599 -2.285616 1.318996

by\_1786 | -1.002078 .8082185 -1.24 0.215 -2.586563 .5824075

by\_1787 | -.611657 .833119 -0.73 0.463 -2.244959 1.021645

by\_1788 | -.1168613 .833295 -0.14 0.888 -1.750508 1.516785

by\_1789 | .5472902 .8105326 0.68 0.500 -1.041732 2.136312

by\_1790 | .3419325 .8277988 0.41 0.680 -1.280939 1.964804

by\_1791 | .9781849 .8981663 1.09 0.276 -.7826399 2.73901

by\_1792 | -.6859519 .8270024 -0.83 0.407 -2.307262 .9353584

by\_1793 | .4295687 .8550538 0.50 0.615 -1.246735 2.105873

by\_1794 | .4857254 .8318265 0.58 0.559 -1.145042 2.116493

by\_1795 | .093182 .7996208 0.12 0.907 -1.474447 1.660812

by\_1796 | .0539169 .805134 0.07 0.947 -1.524521 1.632355

by\_1797 | -.241413 .8147141 -0.30 0.767 -1.838632 1.355806

by\_1798 | -.3505582 .7845502 -0.45 0.655 -1.888642 1.187526

by\_1799 | .1861446 .7803529 0.24 0.811 -1.343711 1.716

by\_1800 | .1291651 .7956801 0.16 0.871 -1.430739 1.689069

by\_1801 | .1643274 .7907635 0.21 0.835 -1.385938 1.714592

by\_1802 | -.0330585 .7837708 -0.04 0.966 -1.569615 1.503498

by\_1803 | .4768861 .8130529 0.59 0.558 -1.117077 2.070849

by\_1804 | -.2058164 .783134 -0.26 0.793 -1.741124 1.329491

by\_1805 | .4921049 .7884014 0.62 0.533 -1.053529 2.037739

by\_1806 | .1870064 .7866066 0.24 0.812 -1.355109 1.729122

by\_1807 | .3295372 .7756297 0.42 0.671 -1.191059 1.850133

by\_1808 | .0514949 .7948112 0.06 0.948 -1.506706 1.609695

by\_1809 | .2337814 .8100896 0.29 0.773 -1.354372 1.821935

by\_1810 | .1625842 .7907958 0.21 0.837 -1.387744 1.712913

by\_1811 | .2391527 .8035766 0.30 0.766 -1.336232 1.814537

by\_1812 | .6496997 .8145659 0.80 0.425 -.9472293 2.246629

by\_1813 | .2669434 .8123148 0.33 0.742 -1.325572 1.859459

by\_1814 | .2042146 .803007 0.25 0.799 -1.370053 1.778483

by\_1815 | .1974495 .8037805 0.25 0.806 -1.378335 1.773234

by\_1816 | .0346402 .8042973 0.04 0.966 -1.542158 1.611438

by\_1817 | .6249248 .7980424 0.78 0.434 -.9396104 2.18946

by\_1818 | -.4573032 .8052636 -0.57 0.570 -2.035995 1.121389

by\_1819 | .2354448 .8091444 0.29 0.771 -1.350855 1.821745

by\_1820 | .5243386 .7899143 0.66 0.507 -1.024262 2.072939

by\_1821 | .7056273 .7761161 0.91 0.363 -.815922 2.227177

by\_1822 | .0289762 .7674175 0.04 0.970 -1.47552 1.533472

by\_1823 | .5358402 .7702266 0.70 0.487 -.9741629 2.045843

by\_1824 | .3148298 .7649661 0.41 0.681 -1.18486 1.81452

by\_1825 | .1141267 .7639512 0.15 0.881 -1.383574 1.611827

by\_1826 | .4126839 .7655554 0.54 0.590 -1.088162 1.913529

by\_1827 | .0051362 .7602607 0.01 0.995 -1.485329 1.495602

by\_1828 | .4460769 .7633884 0.58 0.559 -1.05052 1.942674

by\_1829 | -.0250781 .7721059 -0.03 0.974 -1.538766 1.48861

by\_1830 | .2017863 .7587483 0.27 0.790 -1.285714 1.689287

by\_1831 | .2269241 .7764842 0.29 0.770 -1.295347 1.749195

by\_1832 | .2640847 .7751947 0.34 0.733 -1.255658 1.783828

by\_1833 | -.461013 .7694292 -0.60 0.549 -1.969453 1.047427

by\_1834 | -.0444426 .7858616 -0.06 0.955 -1.585098 1.496213

by\_1835 | -.199337 .7851022 -0.25 0.800 -1.738503 1.339829

by\_1836 | -.1375952 .7994139 -0.17 0.863 -1.704819 1.429629

by\_1837 | .1756793 .7993896 0.22 0.826 -1.391497 1.742856

by\_1838 | .4053117 1.101749 0.37 0.713 -1.75463 2.565253

by\_1839 | -.3062847 1.18936 -0.26 0.797 -2.637985 2.025416

by\_1840 | .4246895 1.057922 0.40 0.688 -1.649331 2.49871

by\_1841 | .1746895 1.293253 0.14 0.893 -2.360689 2.710069

dage\_24 | .0809742 .1404612 0.58 0.564 -.1943951 .3563436

dage\_25 | .0081334 .1341246 0.06 0.952 -.2548134 .2710802

dage\_26 | .2248292 .1566008 1.44 0.151 -.0821813 .5318397

dage\_27 | .0282882 .1696245 0.17 0.868 -.3042548 .3608312

dage\_28 | .1907372 .15128 1.26 0.207 -.105842 .4873164

dage\_29 | .071983 .1995303 0.36 0.718 -.3191893 .4631554

dage\_30 | -.2378105 .1550081 -1.53 0.125 -.5416985 .0660776

\_cons | 67.17531 .7400134 90.78 0.000 65.72454 68.62608

------------------------------------------------------------------------------

. test $Age\_dums

( 1) dage\_24 = 0

( 2) dage\_25 = 0

( 3) dage\_26 = 0

( 4) dage\_27 = 0

( 5) dage\_28 = 0

( 6) dage\_29 = 0

( 7) dage\_30 = 0

F( 7, 4725) = 1.39

Prob > F = 0.2032

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $Age\_dums $More\_Eff , robust

Linear regression Number of obs = 4797

F(379, 4417) = 1.45

Prob > F = 0.0000

R-squared = 0.0830

Root MSE = 2.7351

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1778 | -2.092628 2.784846 -0.75 0.452 -7.552322 3.367066

by\_1779 | -1.841346 .8642312 -2.13 0.033 -3.535673 -.1470198

by\_1780 | .0817308 .9068307 0.09 0.928 -1.696112 1.859573

by\_1781 | 1.5625 1.901915 0.82 0.411 -2.166207 5.291207

by\_1782 | 1.057976 1.772154 0.60 0.551 -2.416334 4.532286

by\_1783 | .0625 1.643775 0.04 0.970 -3.160124 3.285124

by\_1784 | 2.400833 1.696962 1.41 0.157 -.9260622 5.727729

by\_1785 | -.8819444 1.231548 -0.72 0.474 -3.296397 1.532508

by\_1786 | -2.0375 .8520528 -2.39 0.017 -3.707951 -.3670495

by\_1787 | -1.044643 1.53098 -0.68 0.495 -4.046132 1.956846

by\_1788 | .8839286 1.183866 0.75 0.455 -1.437043 3.2049

by\_1789 | .9625 1.006873 0.96 0.339 -1.011475 2.936475

by\_1790 | -.2291667 1.341098 -0.17 0.864 -2.85839 2.400057

by\_1791 | .3125 1.728269 0.18 0.857 -3.075773 3.700773

by\_1792 | -6.15e-12 1.117326 -0.00 1.000 -2.190519 2.190519

by\_1793 | .296875 1.311719 0.23 0.821 -2.274751 2.868501

by\_1794 | 1.4625 1.25434 1.17 0.244 -.9966359 3.921636

by\_1795 | .5625 1.102836 0.51 0.610 -1.599611 2.724611

by\_1796 | -.4375 1.293769 -0.34 0.735 -2.973936 2.098936

by\_1797 | .1586538 1.030427 0.15 0.878 -1.8615 2.178808

by\_1798 | -.1666667 .9585271 -0.17 0.862 -2.04586 1.712527

by\_1799 | -.0625 1.208086 -0.05 0.959 -2.430954 2.305954

by\_1800 | 2.59375 1.189006 2.18 0.029 .2627026 4.924797

by\_1801 | -.9157351 .9858249 -0.93 0.353 -2.848446 1.016976

by\_1802 | -.5775 .9242388 -0.62 0.532 -2.389471 1.234471

by\_1803 | .9375 1.378991 0.68 0.497 -1.766013 3.641013

by\_1804 | -.9097222 1.216257 -0.75 0.455 -3.294196 1.474751

by\_1805 | 1.715278 .9902924 1.73 0.083 -.2261917 3.656747

by\_1806 | -.1875 1.41734 -0.13 0.895 -2.966196 2.591196

by\_1807 | .1696429 .8471273 0.20 0.841 -1.491151 1.830437

by\_1808 | 1.118056 1.175142 0.95 0.341 -1.185811 3.421922

by\_1809 | 2.395833 1.351252 1.77 0.076 -.253298 5.044965

by\_1810 | .5240385 1.00968 0.52 0.604 -1.455441 2.503517

by\_1811 | -.1041667 1.215951 -0.09 0.932 -2.48804 2.279706

by\_1812 | .5625 1.195378 0.47 0.638 -1.781039 2.906039

by\_1813 | 2.625833 1.702333 1.54 0.123 -.7115928 5.96326

by\_1814 | -.0291667 1.023268 -0.03 0.977 -2.035285 1.976951

by\_1815 | -.7291667 1.201762 -0.61 0.544 -3.085222 1.626889

by\_1816 | .3125 1.118013 0.28 0.780 -1.879367 2.504367

by\_1817 | 1.484375 1.086946 1.37 0.172 -.6465842 3.615334

by\_1818 | -.7329545 1.01267 -0.72 0.469 -2.718296 1.252387

by\_1819 | -.0375 1.399999 -0.03 0.979 -2.7822 2.7072

by\_1820 | -.2463235 1.098289 -0.22 0.823 -2.399521 1.906874

by\_1821 | -.4196429 1.116297 -0.38 0.707 -2.608145 1.76886

by\_1822 | .421875 .9966604 0.42 0.672 -1.532079 2.375829

by\_1823 | 1.257955 .9226589 1.36 0.173 -.5509191 3.066828

by\_1824 | -.2287 1.076181 -0.21 0.832 -2.338554 1.881154

by\_1825 | -.6597222 1.301463 -0.51 0.612 -3.211242 1.891798

by\_1826 | .4429348 1.023675 0.43 0.665 -1.563982 2.449851

by\_1827 | -.5208333 .8666378 -0.60 0.548 -2.219878 1.178211

by\_1828 | .2683824 1.124433 0.24 0.811 -1.936069 2.472834

by\_1829 | .421875 .9808389 0.43 0.667 -1.501061 2.344811

by\_1830 | .3925 .9165265 0.43 0.668 -1.404351 2.189351

by\_1831 | -.2946429 1.150809 -0.26 0.798 -2.550805 1.96152

by\_1832 | 1.520833 1.214184 1.25 0.210 -.8595751 3.901242

by\_1833 | -1.749167 1.680886 -1.04 0.298 -5.044546 1.546212

by\_1834 | .3573719 2.317422 0.15 0.877 -4.185936 4.90068

by\_1835 | -.144295 2.282735 -0.06 0.950 -4.6196 4.33101

by\_1836 | -.7176282 2.016646 -0.36 0.722 -4.671266 3.236009

by\_1837 | -.0033425 2.307297 -0.00 0.999 -4.526801 4.520116

by\_1838 | .2407051 2.533324 0.10 0.924 -4.72588 5.20729

by\_1839 | -1.084592 2.641076 -0.41 0.681 -6.262425 4.09324

by\_1840 | .0698718 2.877441 0.02 0.981 -5.571354 5.711098

by\_1841 | -.1801282 2.978515 -0.06 0.952 -6.019511 5.659254

dage\_24 | .5044643 1.929156 0.26 0.794 -3.277648 4.286577

dage\_25 | -.5625 1.633997 -0.34 0.731 -3.765952 2.640952

dage\_26 | -1.8125 1.838738 -0.99 0.324 -5.417348 1.792348

dage\_27 | .6490385 2.117936 0.31 0.759 -3.503177 4.801254

dage\_28 | -1.730962 2.426441 -0.71 0.476 -6.488001 3.026078

dage\_29 | 1.4625 1.86687 0.78 0.433 -2.197501 5.1225

dage\_30 | -.5926282 2.666107 -0.22 0.824 -5.819534 4.634278

b1778\_a28 | 3.126795 2.498246 1.25 0.211 -1.771019 8.024609

b1780\_a26 | .2006411 2.858313 0.07 0.944 -5.403085 5.804367

b1780\_a28 | 3.007991 1.679893 1.79 0.073 -.2854415 6.301424

b1781\_a26 | -.1801281 2.885076 -0.06 0.950 -5.836323 5.476067

b1781\_a28 | -1.695 2.22179 -0.76 0.446 -6.050821 2.660821

b1782\_a24 | -4.592569 2.788224 -1.65 0.100 -10.05889 .8737476

b1782\_a25 | -1.306854 2.220396 -0.59 0.556 -5.659944 3.046235

b1782\_a27 | -1.969286 1.817637 -1.08 0.279 -5.532765 1.594193

b1783\_a24 | -.8470925 2.945227 -0.29 0.774 -6.621215 4.92703

b1783\_a25 | -.2801282 3.012713 -0.09 0.926 -6.186556 5.6263

b1783\_a26 | 2.5413 2.795835 0.91 0.363 -2.939937 8.022538

b1784\_a23 | -2.953689 2.826892 -1.04 0.296 -8.495814 2.588436

b1784\_a25 | -1.368462 2.262938 -0.60 0.545 -5.804953 3.06803

b1784\_a27 | -4.222857 1.855423 -2.28 0.023 -7.860417 -.5852974

b1785\_a24 | -1.616934 2.68661 -0.60 0.547 -6.884035 3.650168

b1785\_a26 | 3.442094 2.621859 1.31 0.189 -1.698064 8.582252

b1786\_a24 | .1100504 2.609195 0.04 0.966 -5.00528 5.22538

b1786\_a25 | 2.419872 2.220536 1.09 0.276 -1.933492 6.773235

b1786\_a29 | -.9551281 2.377631 -0.40 0.688 -5.616477 3.706221

b1787\_a23 | -.2354853 3.011419 -0.08 0.938 -6.139377 5.668406

b1787\_a24 | -.6461996 3.027827 -0.21 0.831 -6.582258 5.289859

b1787\_a28 | 2.682976 1.845177 1.45 0.146 -.9344961 6.300449

b1787\_a29 | -.7336996 2.766992 -0.27 0.791 -6.158391 4.690992

b1788\_a23 | -.4765568 2.951001 -0.16 0.872 -6.261998 5.308884

b1788\_a24 | -1.376854 2.765673 -0.50 0.619 -6.798959 4.045251

b1788\_a25 | -1.323779 2.400634 -0.55 0.581 -6.030225 3.382667

b1788\_a26 | 2.148443 2.63765 0.81 0.415 -3.022673 7.31956

b1788\_a27 | -1.844345 2.300712 -0.80 0.423 -6.354894 2.666203

b1788\_a28 | -1.433095 1.714328 -0.84 0.403 -4.794037 1.927847

b1789\_a23 | -1.825962 2.845353 -0.64 0.521 -7.404279 3.752356

b1789\_a24 | -.4137592 2.608804 -0.16 0.874 -5.528323 4.700804

b1789\_a25 | .3198718 2.523155 0.13 0.899 -4.626776 5.26652

b1789\_a26 | .896795 2.557934 0.35 0.726 -4.118038 5.911628

b1789\_a27 | .1583333 1.918615 0.08 0.934 -3.603114 3.919781

b1789\_a28 | -.2616667 1.582724 -0.17 0.869 -3.3646 2.841266

b1789\_a29 | -2.455128 2.635376 -0.93 0.352 -7.621786 2.711529

b1790\_a23 | -.0926282 2.964046 -0.03 0.975 -5.903644 5.718387

b1790\_a24 | .0279075 2.714429 0.01 0.992 -5.293733 5.349548

b1790\_a25 | 1.044872 2.460046 0.42 0.671 -3.778051 5.867795

b1791\_a23 | .3359432 3.375373 0.10 0.921 -6.28148 6.953366

b1791\_a24 | 1.309158 2.951249 0.44 0.657 -4.476769 7.095084

b1791\_a25 | 1.969872 2.744861 0.72 0.473 -3.411431 7.351174

b1791\_a28 | .5883333 2.108384 0.28 0.780 -3.545157 4.721824

b1792\_a23 | -.7801282 2.879148 -0.27 0.786 -6.424701 4.864445

b1792\_a24 | -1.909592 2.757977 -0.69 0.489 -7.31661 3.497425

b1792\_a25 | -.9988782 2.504566 -0.40 0.690 -5.909082 3.911326

b1792\_a28 | .2008333 1.613657 0.12 0.901 -2.962742 3.364409

b1792\_a29 | -2.642628 2.770782 -0.95 0.340 -8.07475 2.789494

b1793\_a23 | .2525422 2.997229 0.08 0.933 -5.623528 6.128612

b1793\_a24 | -2.531467 2.736567 -0.93 0.355 -7.896511 2.833576

b1793\_a25 | -.3756143 2.732688 -0.14 0.891 -5.733052 4.981824

b1793\_a26 | 2.860497 2.563732 1.12 0.265 -2.165703 7.886697

b1793\_a27 | 1.123958 2.416368 0.47 0.642 -3.613335 5.861251

b1793\_a28 | 1.08253 2.073686 0.52 0.602 -2.982934 5.147993

b1794\_a23 | -1.086378 2.902514 -0.37 0.708 -6.77676 4.604004

b1794\_a24 | -3.47482 2.831952 -1.23 0.220 -9.026865 2.077226

b1794\_a25 | -.8532051 2.438066 -0.35 0.726 -5.633037 3.926627

b1794\_a28 | 1.925833 1.643138 1.17 0.241 -1.295541 5.147208

b1794\_a29 | -2.205128 2.628206 -0.84 0.402 -7.357729 2.947473

b1795\_a23 | .2198718 3.013466 0.07 0.942 -5.688032 6.127776

b1795\_a24 | -1.647092 2.503529 -0.66 0.511 -6.555265 3.26108

b1795\_a25 | -.8710373 2.425793 -0.36 0.720 -5.626808 3.884733

b1795\_a26 | 2.594872 2.586886 1.00 0.316 -2.476722 7.666466

b1795\_a27 | -2.325 2.061312 -1.13 0.259 -6.366205 1.716205

b1795\_a28 | .1883333 1.449737 0.13 0.897 -2.653877 3.030544

b1795\_a29 | -1.617628 2.546822 -0.64 0.525 -6.610676 3.37542

b1796\_a23 | -.1949009 2.981362 -0.07 0.948 -6.039865 5.650063

b1796\_a24 | 1.152908 2.776516 0.42 0.678 -4.290455 6.59627

b1796\_a25 | 2.200641 2.407923 0.91 0.361 -2.520095 6.921377

b1796\_a26 | 1.386539 2.686911 0.52 0.606 -3.881155 6.654232

b1796\_a27 | -2.632292 2.229921 -1.18 0.238 -7.004054 1.73947

b1796\_a28 | 2.888333 1.604768 1.80 0.072 -.257817 6.034484

b1796\_a29 | -2.305128 2.734197 -0.84 0.399 -7.665525 3.055269

b1797\_a23 | -.3637821 2.859602 -0.13 0.899 -5.970035 5.242471

b1797\_a25 | -1.751282 2.454577 -0.71 0.476 -6.563483 3.060919

b1797\_a26 | .7987181 2.494759 0.32 0.749 -4.09226 5.689696

b1797\_a28 | 1.899322 1.536808 1.24 0.217 -1.113591 4.912235

b1798\_a23 | -1.555769 2.780504 -0.56 0.576 -7.00695 3.895412

b1798\_a25 | .645467 2.243008 0.29 0.774 -3.751953 5.042887

b1798\_a26 | 2.199039 2.42987 0.91 0.366 -2.564724 6.962802

b1798\_a28 | 1.200833 1.712219 0.70 0.483 -2.155975 4.557642

b1798\_a29 | -1.925961 2.683463 -0.72 0.473 -7.186895 3.334972

b1799\_a23 | -.4259615 2.881064 -0.15 0.882 -6.074291 5.222368

b1799\_a24 | -.3357289 2.573523 -0.13 0.896 -5.381123 4.709666

b1799\_a25 | .7059829 2.478347 0.28 0.776 -4.15282 5.564786

b1799\_a26 | 2.178205 2.517307 0.87 0.387 -2.756977 7.113388

b1799\_a27 | -1.45 2.065728 -0.70 0.483 -5.499863 2.599863

b1799\_a28 | 2.334762 1.719238 1.36 0.175 -1.035806 5.70533

b1800\_a23 | -2.823878 2.958994 -0.95 0.340 -8.62499 2.977234

b1800\_a24 | -3.810161 2.634267 -1.45 0.148 -8.974644 1.354322

b1800\_a25 | -2.902287 2.433879 -1.19 0.233 -7.673911 1.869336

b1800\_a26 | -1.748878 2.54044 -0.69 0.491 -6.729415 3.231659

b1800\_a27 | -2.237202 2.02979 -1.10 0.270 -6.216608 1.742204

b1800\_a28 | -.200609 1.555273 -0.13 0.897 -3.249724 2.848506

b1800\_a29 | -5.861378 2.925169 -2.00 0.045 -11.59618 -.1265798

b1801\_a23 | 2.144496 2.802297 0.77 0.444 -3.34941 7.638402

b1801\_a24 | -.1501074 2.511513 -0.06 0.952 -5.073931 4.773717

b1801\_a25 | 1.473107 2.367272 0.62 0.534 -3.167932 6.114146

b1801\_a26 | 2.666857 2.484505 1.07 0.283 -2.204017 7.537732

b1801\_a28 | 2.752932 1.419594 1.94 0.053 -.0301843 5.536049

b1801\_a29 | .5064403 2.803996 0.18 0.857 -4.990796 6.003677

b1802\_a23 | .1188004 3.024377 0.04 0.969 -5.810495 6.048096

b1802\_a24 | 1.392908 2.469109 0.56 0.573 -3.447784 6.233599

b1802\_a25 | 1.163443 2.240659 0.52 0.604 -3.229371 5.556257

b1802\_a26 | .9198718 2.542046 0.36 0.717 -4.063812 5.903555

b1802\_a28 | 2.684583 1.442513 1.86 0.063 -.1434648 5.512631

b1802\_a29 | -1.144295 2.486643 -0.46 0.645 -6.019361 3.730771

b1803\_a23 | -.7176282 3.20358 -0.22 0.823 -6.99825 5.562994

b1803\_a24 | -1.138759 2.733732 -0.42 0.677 -6.498244 4.220726

b1803\_a25 | .0948718 2.476196 0.04 0.969 -4.759714 4.949457

b1803\_a26 | 1.511539 2.699794 0.56 0.576 -3.781412 6.804489

b1803\_a27 | -2.316667 2.112007 -1.10 0.273 -6.45726 1.823926

b1803\_a28 | .0633333 1.853648 0.03 0.973 -3.570745 3.697412

b1803\_a29 | -1.242628 2.748306 -0.45 0.651 -6.630685 4.145429

b1804\_a23 | 1.479594 2.938393 0.50 0.615 -4.28113 7.240318

b1804\_a24 | -.0864087 2.623522 -0.03 0.974 -5.229827 5.05701

b1804\_a25 | .5254274 2.343807 0.22 0.823 -4.069608 5.120463

b1804\_a26 | 1.442094 2.665239 0.54 0.588 -3.78311 6.667298

b1804\_a27 | -.814899 2.012383 -0.40 0.686 -4.760178 3.13038

b1804\_a28 | 2.660556 1.580704 1.68 0.092 -.4384164 5.759528

b1805\_a23 | -1.322329 2.876256 -0.46 0.646 -6.961232 4.316574

b1805\_a24 | -2.931688 2.545462 -1.15 0.249 -7.92207 2.058694

b1805\_a25 | -2.757906 2.35119 -1.17 0.241 -7.367416 1.851605

b1805\_a26 | -.1829059 2.550114 -0.07 0.943 -5.182407 4.816595

b1805\_a27 | -1.519444 1.820919 -0.83 0.404 -5.089359 2.05047

b1805\_a28 | 1.18 1.366372 0.86 0.388 -1.498775 3.858775

b1806\_a23 | 1.417788 2.993169 0.47 0.636 -4.450323 7.2859

b1806\_a24 | -1.058631 2.698724 -0.39 0.695 -6.349483 4.232221

b1806\_a25 | 1.0413 2.491471 0.42 0.676 -3.843232 5.925833

b1806\_a26 | 1.761539 2.621513 0.67 0.502 -3.377941 6.901018

b1806\_a27 | -1.191667 2.292852 -0.52 0.603 -5.686806 3.303472

b1806\_a29 | -1.955128 3.134064 -0.62 0.533 -8.099464 4.189208

b1807\_a23 | -.6997711 2.860467 -0.24 0.807 -6.307719 4.908177

b1807\_a24 | .1634117 2.441373 0.07 0.947 -4.622903 4.949726

b1807\_a25 | .1960623 2.174991 0.09 0.928 -4.06801 4.460135

b1807\_a26 | 2.039812 2.461051 0.83 0.407 -2.785081 6.864705

b1807\_a27 | -2.87381 2.036228 -1.41 0.158 -6.865837 1.118218

b1807\_a28 | 2.53119 1.529553 1.65 0.098 -.4674995 5.52988

b1808\_a23 | -2.588184 2.892377 -0.89 0.371 -8.258692 3.082325

b1808\_a24 | -1.507911 2.578769 -0.58 0.559 -6.563591 3.547769

b1808\_a25 | -.5231838 2.429242 -0.22 0.829 -5.285716 4.239348

b1808\_a27 | -2.456313 2.067876 -1.19 0.235 -6.510386 1.59776

b1808\_a28 | 2.416111 1.63397 1.48 0.139 -.7872891 5.619511

b1808\_a29 | -2.360684 2.5909 -0.91 0.362 -7.440146 2.718779

b1809\_a23 | -2.243529 2.928983 -0.77 0.444 -7.985804 3.498745

b1809\_a24 | -3.80088 2.782329 -1.37 0.172 -9.25564 1.653879

b1809\_a25 | -2.363462 2.853728 -0.83 0.408 -7.958198 3.231275

b1809\_a26 | -2.413461 3.307638 -0.73 0.466 -8.898089 4.071166

b1809\_a27 | -1.533333 2.071122 -0.74 0.459 -5.59377 2.527103

b1809\_a28 | -1.517917 1.785044 -0.85 0.395 -5.017497 1.981664

b1810\_a23 | -.8810897 2.869583 -0.31 0.759 -6.506911 4.744732

b1810\_a24 | -1.225298 2.674823 -0.46 0.647 -6.46929 4.018695

b1810\_a25 | .2895833 2.419294 0.12 0.905 -4.453445 5.032611

b1810\_a26 | 1.008333 2.483226 0.41 0.685 -3.860034 5.8767

b1810\_a27 | -1.078205 1.945777 -0.55 0.580 -4.892904 2.736494

b1810\_a28 | .7809615 1.462672 0.53 0.593 -2.086608 3.648531

b1811\_a23 | -.2801282 2.948635 -0.10 0.924 -6.060931 5.500675

b1811\_a24 | -.2359814 2.59094 -0.09 0.927 -5.315522 4.843559

b1811\_a25 | 1.303205 2.441648 0.53 0.594 -3.483648 6.090058

b1811\_a26 | 2.672253 2.929918 0.91 0.362 -3.071855 8.416361

b1811\_a27 | -1.98125 1.99602 -0.99 0.321 -5.89445 1.93195

b1811\_a28 | 2.282273 1.645002 1.39 0.165 -.9427565 5.507302

b1812\_a23 | -.1676282 2.986268 -0.06 0.955 -6.02221 5.686953

b1812\_a24 | -1.272092 2.711297 -0.47 0.639 -6.587594 4.043409

b1812\_a25 | .3573718 2.403512 0.15 0.882 -4.354716 5.06946

b1812\_a26 | 1.608761 2.621312 0.61 0.539 -3.530325 6.747846

b1812\_a27 | -.2059524 2.234127 -0.09 0.927 -4.58596 4.174055

b1812\_a28 | 1.825833 1.740862 1.05 0.294 -1.587129 5.238795

b1813\_a23 | -2.562212 2.700237 -0.95 0.343 -7.85603 2.731607

b1813\_a24 | -3.499712 2.617515 -1.34 0.181 -8.631354 1.631931

b1813\_a26 | -1.182747 2.317001 -0.51 0.610 -5.725231 3.359736

b1813\_a27 | -3.555 1.885814 -1.89 0.059 -7.25214 .1421402

b1814\_a23 | -.5947115 2.837723 -0.21 0.834 -6.158072 4.968649

b1814\_a24 | -.7554258 2.644808 -0.29 0.775 -5.940575 4.429723

b1814\_a25 | 1.266084 2.297957 0.55 0.582 -3.239063 5.771231

b1814\_a26 | 2.478205 2.51162 0.99 0.324 -2.445829 7.402239

b1814\_a27 | .1 2.546457 0.04 0.969 -4.892332 5.092332

b1814\_a28 | .8133333 1.837596 0.44 0.658 -2.789275 4.415942

b1815\_a23 | 1.507372 2.871024 0.53 0.600 -4.121274 7.136017

b1815\_a24 | .6945742 2.658881 0.26 0.794 -4.518165 5.907313

b1815\_a25 | .8240385 2.4763 0.33 0.739 -4.030751 5.678828

b1815\_a26 | 1.594872 2.578125 0.62 0.536 -3.459546 6.64929

b1815\_a28 | 2.320625 1.623482 1.43 0.153 -.8622127 5.503463

b1816\_a23 | -.7176282 2.860619 -0.25 0.802 -6.325874 4.890618

b1816\_a24 | -.1752175 2.644358 -0.07 0.947 -5.359485 5.00905

b1816\_a25 | -1.280128 2.548344 -0.50 0.615 -6.27616 3.715904

b1816\_a26 | 2.0413 2.604418 0.78 0.433 -3.064663 7.147264

b1816\_a27 | -.2729167 2.02699 -0.13 0.893 -4.246833 3.700999

b1816\_a28 | .7454762 1.969014 0.38 0.705 -3.114778 4.60573

b1816\_a29 | -3.655128 2.665178 -1.37 0.170 -8.880213 1.569957

b1817\_a23 | -1.033734 2.865907 -0.36 0.718 -6.652347 4.584879

b1817\_a24 | -2.37124 2.664876 -0.89 0.374 -7.595733 2.853253

b1817\_a25 | -1.527003 2.418051 -0.63 0.528 -6.267596 3.213589

b1817\_a26 | 1.31883 2.56916 0.51 0.608 -3.718011 6.355672

b1817\_a27 | -1.513542 2.322067 -0.65 0.515 -6.065956 3.038873

b1817\_a28 | .1747917 1.540893 0.11 0.910 -2.84613 3.195714

b1817\_a29 | -2.677003 2.732764 -0.98 0.327 -8.03459 2.680584

b1818\_a23 | -1.297174 2.824388 -0.46 0.646 -6.83439 4.240042

b1818\_a24 | -1.030805 2.693999 -0.38 0.702 -6.312392 4.250783

b1818\_a25 | .9438978 2.366633 0.40 0.690 -3.695889 5.583685

b1818\_a26 | 3.465326 2.707895 1.28 0.201 -1.843505 8.774158

b1818\_a27 | .1926768 1.995753 0.10 0.923 -3.719999 4.105353

b1818\_a28 | 4.290931 1.600309 2.68 0.007 1.153523 7.428339

b1818\_a29 | -2.384674 2.533818 -0.94 0.347 -7.352227 2.58288

b1819\_a23 | -.1870726 3.056515 -0.06 0.951 -6.179374 5.805229

b1819\_a24 | -1.413759 2.813333 -0.50 0.615 -6.929302 4.101783

b1819\_a25 | 1.224634 2.546381 0.48 0.631 -3.767549 6.216816

b1819\_a26 | 2.3913 2.675223 0.89 0.371 -2.853477 7.636077

b1819\_a27 | -2.320238 2.690374 -0.86 0.389 -7.59472 2.954244

b1819\_a28 | 2.057083 1.702594 1.21 0.227 -1.280855 5.395022

b1820\_a23 | .5443203 2.848819 0.19 0.848 -5.040793 6.129434

b1820\_a24 | -1.066047 2.581068 -0.41 0.680 -6.126234 3.99414

b1820\_a25 | .9286953 2.368865 0.39 0.695 -3.715467 5.572857

b1820\_a26 | 4.434945 2.761093 1.61 0.108 -.9781807 9.848072

b1820\_a27 | .4229261 1.85182 0.23 0.819 -3.207569 4.053421

b1820\_a28 | 3.141601 1.642425 1.91 0.056 -.0783751 6.361578

b1821\_a23 | 1.402673 2.87328 0.49 0.625 -4.230396 7.035741

b1821\_a24 | -.0491602 2.551499 -0.02 0.985 -5.051377 4.953056

b1821\_a25 | .5883783 2.334036 0.25 0.801 -3.987502 5.164259

b1821\_a26 | 3.188622 2.48043 1.29 0.199 -1.674265 8.051509

b1821\_a27 | -.0095238 1.969659 -0.00 0.996 -3.871042 3.851995

b1821\_a28 | 3.339226 1.664264 2.01 0.045 .076435 6.602017

b1821\_a29 | -.5729853 2.508018 -0.23 0.819 -5.489958 4.343988

b1822\_a23 | -1.077003 2.832507 -0.38 0.704 -6.630136 4.47613

b1822\_a24 | -.762023 2.483806 -0.31 0.759 -5.631527 4.107481

b1822\_a25 | -.8537889 2.25189 -0.38 0.705 -5.268623 3.561045

b1822\_a26 | 1.832719 2.58799 0.71 0.479 -3.241038 6.906477

b1822\_a27 | -1.302708 1.9665 -0.66 0.508 -5.158034 2.552618

b1822\_a28 | 1.955429 1.406659 1.39 0.165 -.8023277 4.713186

b1822\_a29 | -2.714503 2.469909 -1.10 0.272 -7.556762 2.127755

b1823\_a23 | -1.334379 2.83002 -0.47 0.637 -6.882637 4.213878

b1823\_a24 | -1.236992 2.455961 -0.50 0.615 -6.051906 3.577922

b1823\_a25 | -1.913083 2.295374 -0.83 0.405 -6.413166 2.587001

b1823\_a26 | 1.696292 2.387485 0.71 0.477 -2.984375 6.376959

b1823\_a27 | -1.323485 1.805757 -0.73 0.464 -4.863673 2.216703

b1823\_a28 | -.1821214 1.554827 -0.12 0.907 -3.230361 2.866118

b1823\_a29 | -2.519814 2.428342 -1.04 0.299 -7.280581 2.240953

b1824\_a23 | -.1371425 2.823892 -0.05 0.961 -5.673386 5.399101

b1824\_a24 | .3256865 2.564849 0.13 0.899 -4.702703 5.354076

b1824\_a25 | .3146432 2.304334 0.14 0.891 -4.203006 4.832293

b1824\_a26 | 2.126457 2.519803 0.84 0.399 -2.81362 7.066533

b1824\_a27 | -.2293128 1.85112 -0.12 0.901 -3.858435 3.39981

b1824\_a28 | 2.268819 1.424138 1.59 0.111 -.5232045 5.060843

b1824\_a29 | -.2083726 2.555695 -0.08 0.935 -5.218816 4.80207

b1825\_a23 | .3361158 2.910427 0.12 0.908 -5.36978 6.042011

b1825\_a24 | 1.066306 2.620257 0.41 0.684 -4.070711 6.203323

b1825\_a25 | 1.416052 2.394683 0.59 0.554 -3.278727 6.110831

b1825\_a26 | 2.258761 2.579698 0.88 0.381 -2.798741 7.316263

b1825\_a27 | -.5326023 2.015555 -0.26 0.792 -4.4841 3.418895

b1825\_a28 | 1.871919 1.648507 1.14 0.256 -1.359981 5.10382

b1826\_a23 | 1.211461 2.819614 0.43 0.667 -4.316395 6.739317

b1826\_a24 | -1.119194 2.554774 -0.44 0.661 -6.127831 3.889443

b1826\_a25 | -.1022297 2.275297 -0.04 0.964 -4.562951 4.358492

b1826\_a26 | .7817448 2.420336 0.32 0.747 -3.963328 5.526817

b1826\_a27 | -1.130101 1.826325 -0.62 0.536 -4.710613 2.450411

b1826\_a28 | 1.455267 1.439768 1.01 0.312 -1.367399 4.277933

b1826\_a29 | -2.60223 2.649215 -0.98 0.326 -7.796019 2.59156

b1827\_a23 | .2115385 2.750509 0.08 0.939 -5.180839 5.603916

b1827\_a24 | .1621668 2.443245 0.07 0.947 -4.627817 4.952151

b1827\_a25 | .535348 2.200834 0.24 0.808 -3.779389 4.850085

b1827\_a26 | 1.953205 2.42072 0.81 0.420 -2.79262 6.699031

b1827\_a27 | .4416667 1.82136 0.24 0.808 -3.129112 4.012445

b1827\_a28 | 1.701666 1.408707 1.21 0.227 -1.060106 4.463439

b1827\_a29 | -.2932234 2.472103 -0.12 0.906 -5.139785 4.553338

b1828\_a23 | -.2997267 2.836357 -0.11 0.916 -5.860409 5.260955

b1828\_a24 | -.8148796 2.555951 -0.32 0.750 -5.825825 4.196066

b1828\_a25 | .3849572 2.316866 0.17 0.868 -4.157261 4.927175

b1828\_a26 | 1.93899 2.550249 0.76 0.447 -3.060777 6.938756

b1828\_a27 | -.2531046 1.911922 -0.13 0.895 -4.001429 3.49522

b1828\_a28 | 1.782451 1.518269 1.17 0.240 -1.194118 4.759019

b1828\_a29 | -1.477677 2.516643 -0.59 0.557 -6.411559 3.456205

b1829\_a23 | -1.377003 2.797462 -0.49 0.623 -6.861431 4.107425

b1829\_a24 | -1.357983 2.48072 -0.55 0.584 -6.221438 3.505472

b1829\_a25 | .2722615 2.313767 0.12 0.906 -4.263882 4.808405

b1829\_a26 | 1.428679 2.521267 0.57 0.571 -3.514268 6.371626

b1829\_a27 | -1.37163 2.039289 -0.67 0.501 -5.369659 2.626399

b1829\_a28 | 1.713169 1.402179 1.22 0.222 -1.035804 4.462142

b1829\_a29 | -3.58117 2.515026 -1.42 0.155 -8.511881 1.349541

b1830\_a23 | -.3774154 2.752654 -0.14 0.891 -5.773996 5.019166

b1830\_a24 | -.9739675 2.473449 -0.39 0.694 -5.823168 3.875233

b1830\_a25 | -.1726282 2.264922 -0.08 0.939 -4.61301 4.267753

b1830\_a26 | 1.296122 2.420012 0.54 0.592 -3.448315 6.040559

b1830\_a27 | -.8716667 1.840353 -0.47 0.636 -4.479681 2.736347

b1830\_a28 | 1.283333 1.317933 0.97 0.330 -1.300476 3.867143

b1830\_a29 | -3.079573 2.423125 -1.27 0.204 -7.830111 1.670966

b1831\_a23 | -.1498603 2.847268 -0.05 0.958 -5.731933 5.432212

b1831\_a24 | -.0455052 2.597403 -0.02 0.986 -5.137717 5.046707

b1831\_a25 | 1.923331 2.391982 0.80 0.421 -2.766153 6.612814

b1831\_a26 | 2.750092 2.48492 1.11 0.268 -2.121597 7.621781

b1831\_a27 | -2.55119 2.209363 -1.15 0.248 -6.882649 1.780268

b1831\_a28 | 1.745476 1.569383 1.11 0.266 -1.331302 4.822254

b1831\_a29 | -.6285408 2.500535 -0.25 0.802 -5.530842 4.27376

b1832\_a23 | -1.868269 2.56939 -0.73 0.467 -6.905561 3.169022

b1832\_a24 | -2.828955 2.296469 -1.23 0.218 -7.331186 1.673276

b1832\_a25 | -1.046526 1.935402 -0.54 0.589 -4.840885 2.747832

b1832\_a26 | 1.414316 2.164706 0.65 0.514 -2.829592 5.658225

b1832\_a27 | -2.002083 1.557595 -1.29 0.199 -5.05575 1.051583

b1833\_a23 | 1.370038 2.254979 0.61 0.544 -3.05085 5.790927

b1833\_a24 | .6408899 1.880284 0.34 0.733 -3.045409 4.327189

b1833\_a25 | 1.506538 1.545333 0.97 0.330 -1.523089 4.536166

b1833\_a26 | 3.227538 1.76944 1.82 0.068 -.2414508 6.696527

b1834\_a23 | -.6375001 1.818299 -0.35 0.726 -4.202278 2.927278

b1834\_a24 | -.4157739 1.321294 -0.31 0.753 -3.006172 2.174625

b1835\_a23 | -.8108333 1.785474 -0.45 0.650 -4.311256 2.68959

b1835\_a24 | -.3075388 1.207561 -0.25 0.799 -2.674964 2.059887

b1836\_a23 | .0393519 1.965134 0.02 0.984 -3.813295 3.891999

b1836\_a24 | -.0044643 1.484751 -0.00 0.998 -2.915321 2.906392

b1837\_a23 | -.2120536 1.771438 -0.12 0.905 -3.684959 3.260852

\_cons | 67.53013 2.769157 24.39 0.000 62.10119 72.95906

------------------------------------------------------------------------------

. test $More\_Eff

( 1) b1778\_a28 = 0

( 2) b1780\_a26 = 0

( 3) b1780\_a28 = 0

( 4) b1781\_a26 = 0

( 5) b1781\_a28 = 0

( 6) b1782\_a24 = 0

( 7) b1782\_a25 = 0

( 8) b1782\_a27 = 0

( 9) b1783\_a24 = 0

(10) b1783\_a25 = 0

(11) b1783\_a26 = 0

(12) b1784\_a23 = 0

(13) b1784\_a25 = 0

(14) b1784\_a27 = 0

(15) b1785\_a24 = 0

(16) b1785\_a26 = 0

(17) b1786\_a24 = 0

(18) b1786\_a25 = 0

(19) b1786\_a29 = 0

(20) b1787\_a23 = 0

(21) b1787\_a24 = 0

(22) b1787\_a28 = 0

(23) b1787\_a29 = 0

(24) b1788\_a23 = 0

(25) b1788\_a24 = 0

(26) b1788\_a25 = 0

(27) b1788\_a26 = 0

(28) b1788\_a27 = 0

(29) b1788\_a28 = 0

(30) b1789\_a23 = 0

(31) b1789\_a24 = 0

(32) b1789\_a25 = 0

(33) b1789\_a26 = 0

(34) b1789\_a27 = 0

(35) b1789\_a28 = 0

(36) b1789\_a29 = 0

(37) b1790\_a23 = 0

(38) b1790\_a24 = 0

(39) b1790\_a25 = 0

(40) b1791\_a23 = 0

(41) b1791\_a24 = 0

(42) b1791\_a25 = 0

(43) b1791\_a28 = 0

(44) b1792\_a23 = 0

(45) b1792\_a24 = 0

(46) b1792\_a25 = 0

(47) b1792\_a28 = 0

(48) b1792\_a29 = 0

(49) b1793\_a23 = 0

(50) b1793\_a24 = 0

(51) b1793\_a25 = 0

(52) b1793\_a26 = 0

(53) b1793\_a27 = 0

(54) b1793\_a28 = 0

(55) b1794\_a23 = 0

(56) b1794\_a24 = 0

(57) b1794\_a25 = 0

(58) b1794\_a28 = 0

(59) b1794\_a29 = 0

(60) b1795\_a23 = 0

(61) b1795\_a24 = 0

(62) b1795\_a25 = 0

(63) b1795\_a26 = 0

(64) b1795\_a27 = 0

(65) b1795\_a28 = 0

(66) b1795\_a29 = 0

(67) b1796\_a23 = 0

(68) b1796\_a24 = 0

(69) b1796\_a25 = 0

(70) b1796\_a26 = 0

(71) b1796\_a27 = 0

(72) b1796\_a28 = 0

(73) b1796\_a29 = 0

(74) b1797\_a23 = 0

(75) b1797\_a25 = 0

(76) b1797\_a26 = 0

(77) b1797\_a28 = 0

(78) b1798\_a23 = 0

(79) b1798\_a25 = 0

(80) b1798\_a26 = 0

(81) b1798\_a28 = 0

(82) b1798\_a29 = 0

(83) b1799\_a23 = 0

(84) b1799\_a24 = 0

(85) b1799\_a25 = 0

(86) b1799\_a26 = 0

(87) b1799\_a27 = 0

(88) b1799\_a28 = 0

(89) b1800\_a23 = 0

(90) b1800\_a24 = 0

(91) b1800\_a25 = 0

(92) b1800\_a26 = 0

(93) b1800\_a27 = 0

(94) b1800\_a28 = 0

(95) b1800\_a29 = 0

(96) b1801\_a23 = 0

(97) b1801\_a24 = 0

(98) b1801\_a25 = 0

(99) b1801\_a26 = 0

(100) b1801\_a28 = 0

(101) b1801\_a29 = 0

(102) b1802\_a23 = 0

(103) b1802\_a24 = 0

(104) b1802\_a25 = 0

(105) b1802\_a26 = 0

(106) b1802\_a28 = 0

(107) b1802\_a29 = 0

(108) b1803\_a23 = 0

(109) b1803\_a24 = 0

(110) b1803\_a25 = 0

(111) b1803\_a26 = 0

(112) b1803\_a27 = 0

(113) b1803\_a28 = 0

(114) b1803\_a29 = 0

(115) b1804\_a23 = 0

(116) b1804\_a24 = 0

(117) b1804\_a25 = 0

(118) b1804\_a26 = 0

(119) b1804\_a27 = 0

(120) b1804\_a28 = 0

(121) b1805\_a23 = 0

(122) b1805\_a24 = 0

(123) b1805\_a25 = 0

(124) b1805\_a26 = 0

(125) b1805\_a27 = 0

(126) b1805\_a28 = 0

(127) b1806\_a23 = 0

(128) b1806\_a24 = 0

(129) b1806\_a25 = 0

(130) b1806\_a26 = 0

(131) b1806\_a27 = 0

(132) b1806\_a29 = 0

(133) b1807\_a23 = 0

(134) b1807\_a24 = 0

(135) b1807\_a25 = 0

(136) b1807\_a26 = 0

(137) b1807\_a27 = 0

(138) b1807\_a28 = 0

(139) b1808\_a23 = 0

(140) b1808\_a24 = 0

(141) b1808\_a25 = 0

(142) b1808\_a27 = 0

(143) b1808\_a28 = 0

(144) b1808\_a29 = 0

(145) b1809\_a23 = 0

(146) b1809\_a24 = 0

(147) b1809\_a25 = 0

(148) b1809\_a26 = 0

(149) b1809\_a27 = 0

(150) b1809\_a28 = 0

(151) b1810\_a23 = 0

(152) b1810\_a24 = 0

(153) b1810\_a25 = 0

(154) b1810\_a26 = 0

(155) b1810\_a27 = 0

(156) b1810\_a28 = 0

(157) b1811\_a23 = 0

(158) b1811\_a24 = 0

(159) b1811\_a25 = 0

(160) b1811\_a26 = 0

(161) b1811\_a27 = 0

(162) b1811\_a28 = 0

(163) b1812\_a23 = 0

(164) b1812\_a24 = 0

(165) b1812\_a25 = 0

(166) b1812\_a26 = 0

(167) b1812\_a27 = 0

(168) b1812\_a28 = 0

(169) b1813\_a23 = 0

(170) b1813\_a24 = 0

(171) b1813\_a26 = 0

(172) b1813\_a27 = 0

(173) b1814\_a23 = 0

(174) b1814\_a24 = 0

(175) b1814\_a25 = 0

(176) b1814\_a26 = 0

(177) b1814\_a27 = 0

(178) b1814\_a28 = 0

(179) b1815\_a23 = 0

(180) b1815\_a24 = 0

(181) b1815\_a25 = 0

(182) b1815\_a26 = 0

(183) b1815\_a28 = 0

(184) b1816\_a23 = 0

(185) b1816\_a24 = 0

(186) b1816\_a25 = 0

(187) b1816\_a26 = 0

(188) b1816\_a27 = 0

(189) b1816\_a28 = 0

(190) b1816\_a29 = 0

(191) b1817\_a23 = 0

(192) b1817\_a24 = 0

(193) b1817\_a25 = 0

(194) b1817\_a26 = 0

(195) b1817\_a27 = 0

(196) b1817\_a28 = 0

(197) b1817\_a29 = 0

(198) b1818\_a23 = 0

(199) b1818\_a24 = 0

(200) b1818\_a25 = 0

(201) b1818\_a26 = 0

(202) b1818\_a27 = 0

(203) b1818\_a28 = 0

(204) b1818\_a29 = 0

(205) b1819\_a23 = 0

(206) b1819\_a24 = 0

(207) b1819\_a25 = 0

(208) b1819\_a26 = 0

(209) b1819\_a27 = 0

(210) b1819\_a28 = 0

(211) b1820\_a23 = 0

(212) b1820\_a24 = 0

(213) b1820\_a25 = 0

(214) b1820\_a26 = 0

(215) b1820\_a27 = 0

(216) b1820\_a28 = 0

(217) b1821\_a23 = 0

(218) b1821\_a24 = 0

(219) b1821\_a25 = 0

(220) b1821\_a26 = 0

(221) b1821\_a27 = 0

(222) b1821\_a28 = 0

(223) b1821\_a29 = 0

(224) b1822\_a23 = 0

(225) b1822\_a24 = 0

(226) b1822\_a25 = 0

(227) b1822\_a26 = 0

(228) b1822\_a27 = 0

(229) b1822\_a28 = 0

(230) b1822\_a29 = 0

(231) b1823\_a23 = 0

(232) b1823\_a24 = 0

(233) b1823\_a25 = 0

(234) b1823\_a26 = 0

(235) b1823\_a27 = 0

(236) b1823\_a28 = 0

(237) b1823\_a29 = 0

(238) b1824\_a23 = 0

(239) b1824\_a24 = 0

(240) b1824\_a25 = 0

(241) b1824\_a26 = 0

(242) b1824\_a27 = 0

(243) b1824\_a28 = 0

(244) b1824\_a29 = 0

(245) b1825\_a23 = 0

(246) b1825\_a24 = 0

(247) b1825\_a25 = 0

(248) b1825\_a26 = 0

(249) b1825\_a27 = 0

(250) b1825\_a28 = 0

(251) b1826\_a23 = 0

(252) b1826\_a24 = 0

(253) b1826\_a25 = 0

(254) b1826\_a26 = 0

(255) b1826\_a27 = 0

(256) b1826\_a28 = 0

(257) b1826\_a29 = 0

(258) b1827\_a23 = 0

(259) b1827\_a24 = 0

(260) b1827\_a25 = 0

(261) b1827\_a26 = 0

(262) b1827\_a27 = 0

(263) b1827\_a28 = 0

(264) b1827\_a29 = 0

(265) b1828\_a23 = 0

(266) b1828\_a24 = 0

(267) b1828\_a25 = 0

(268) b1828\_a26 = 0

(269) b1828\_a27 = 0

(270) b1828\_a28 = 0

(271) b1828\_a29 = 0

(272) b1829\_a23 = 0

(273) b1829\_a24 = 0

(274) b1829\_a25 = 0

(275) b1829\_a26 = 0

(276) b1829\_a27 = 0

(277) b1829\_a28 = 0

(278) b1829\_a29 = 0

(279) b1830\_a23 = 0

(280) b1830\_a24 = 0

(281) b1830\_a25 = 0

(282) b1830\_a26 = 0

(283) b1830\_a27 = 0

(284) b1830\_a28 = 0

(285) b1830\_a29 = 0

(286) b1831\_a23 = 0

(287) b1831\_a24 = 0

(288) b1831\_a25 = 0

(289) b1831\_a26 = 0

(290) b1831\_a27 = 0

(291) b1831\_a28 = 0

(292) b1831\_a29 = 0

(293) b1832\_a23 = 0

(294) b1832\_a24 = 0

(295) b1832\_a25 = 0

(296) b1832\_a26 = 0

(297) b1832\_a27 = 0

(298) b1833\_a23 = 0

(299) b1833\_a24 = 0

(300) b1833\_a25 = 0

(301) b1833\_a26 = 0

(302) b1834\_a23 = 0

(303) b1834\_a24 = 0

(304) b1835\_a23 = 0

(305) b1835\_a24 = 0

(306) b1836\_a23 = 0

(307) b1836\_a24 = 0

(308) b1837\_a23 = 0

F(308, 4417) = 1.19

Prob > F = 0.0150

. xi: reg HEIGHT $OTHER\_Vars i.BYR $YR\_dums ,robust

i.BYR \_IBYR\_1777-1841 (naturally coded; \_IBYR\_1777 omitted)

Linear regression Number of obs = 4797

F(121, 4675) = 1.29

Prob > F = 0.0188

R-squared = 0.0268

Root MSE = 2.7388

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

\_IBYR\_1778 | .7504805 1.241013 0.60 0.545 -1.682491 3.183452

\_IBYR\_1779 | -2.257864 1.026216 -2.20 0.028 -4.26973 -.2459972

\_IBYR\_1780 | .6659293 1.143157 0.58 0.560 -1.575198 2.907057

\_IBYR\_1781 | -.4270487 .9952812 -0.43 0.668 -2.378269 1.524172

\_IBYR\_1782 | -.2303535 .8767455 -0.26 0.793 -1.949188 1.488481

\_IBYR\_1783 | .1278858 1.012241 0.13 0.899 -1.856585 2.112356

\_IBYR\_1784 | .0503699 .9850336 0.05 0.959 -1.88076 1.9815

\_IBYR\_1785 | -.8937931 1.08633 -0.82 0.411 -3.023512 1.235926

\_IBYR\_1786 | -1.195983 1.051138 -1.14 0.255 -3.256709 .8647431

\_IBYR\_1787 | -.4515241 1.068069 -0.42 0.672 -2.545443 1.642395

\_IBYR\_1788 | -.126061 1.075971 -0.12 0.907 -2.235471 1.983349

\_IBYR\_1789 | .7842896 1.082327 0.72 0.469 -1.337583 2.906162

\_IBYR\_1790 | .158207 1.102259 0.14 0.886 -2.002741 2.319155

\_IBYR\_1791 | 1.10068 1.147294 0.96 0.337 -1.148556 3.349917

\_IBYR\_1792 | -.3913046 1.118674 -0.35 0.727 -2.584432 1.801823

\_IBYR\_1793 | .9417072 1.141485 0.82 0.409 -1.296141 3.179555

\_IBYR\_1794 | 1.144041 1.147545 1.00 0.319 -1.105688 3.39377

\_IBYR\_1795 | .5480719 1.142666 0.48 0.632 -1.692093 2.788236

\_IBYR\_1796 | .4655686 1.149252 0.41 0.685 -1.787507 2.718644

\_IBYR\_1797 | .059027 1.172869 0.05 0.960 -2.240348 2.358403

\_IBYR\_1798 | -.0137796 1.163285 -0.01 0.991 -2.294366 2.266807

\_IBYR\_1799 | .6299775 1.151343 0.55 0.584 -1.627198 2.887153

\_IBYR\_1800 | .6062656 1.174257 0.52 0.606 -1.695832 2.908363

\_IBYR\_1801 | .6937731 1.179777 0.59 0.557 -1.619147 3.006693

\_IBYR\_1802 | .4426269 1.192744 0.37 0.711 -1.895715 2.780968

\_IBYR\_1803 | 1.03665 1.215085 0.85 0.394 -1.34549 3.41879

\_IBYR\_1804 | .4018955 1.196792 0.34 0.737 -1.944381 2.748172

\_IBYR\_1805 | 1.112705 1.211234 0.92 0.358 -1.261884 3.487295

\_IBYR\_1806 | .864648 1.211732 0.71 0.476 -1.510918 3.240214

\_IBYR\_1807 | .9911881 1.213616 0.82 0.414 -1.388072 3.370448

\_IBYR\_1808 | .6365645 1.22991 0.52 0.605 -1.77464 3.047769

\_IBYR\_1809 | .7417584 1.241125 0.60 0.550 -1.691432 3.174949

\_IBYR\_1810 | .579008 1.254997 0.46 0.645 -1.881379 3.039395

\_IBYR\_1811 | .7727496 1.267154 0.61 0.542 -1.711469 3.256969

\_IBYR\_1812 | .9958247 1.278574 0.78 0.436 -1.510784 3.502434

\_IBYR\_1813 | .630299 1.286458 0.49 0.624 -1.891766 3.152364

\_IBYR\_1814 | .5504404 1.284339 0.43 0.668 -1.96747 3.068351

\_IBYR\_1815 | .4952729 1.291298 0.38 0.701 -2.036281 3.026827

\_IBYR\_1816 | .2999395 1.30355 0.23 0.818 -2.255633 2.855512

\_IBYR\_1817 | 1.046414 1.308873 0.80 0.424 -1.519595 3.612422

\_IBYR\_1818 | .0527046 1.323232 0.04 0.968 -2.541455 2.646864

\_IBYR\_1819 | .5622794 1.332694 0.42 0.673 -2.05043 3.174989

\_IBYR\_1820 | .8483619 1.324761 0.64 0.522 -1.748794 3.445518

\_IBYR\_1821 | 1.050174 1.320337 0.80 0.426 -1.53831 3.638658

\_IBYR\_1822 | .4059203 1.323528 0.31 0.759 -2.188819 3.00066

\_IBYR\_1823 | .8605918 1.33228 0.65 0.518 -1.751306 3.47249

\_IBYR\_1824 | .7200302 1.331559 0.54 0.589 -1.890454 3.330514

\_IBYR\_1825 | .5470149 1.332728 0.41 0.681 -2.065761 3.159791

\_IBYR\_1826 | .8173678 1.340213 0.61 0.542 -1.810082 3.444818

\_IBYR\_1827 | .5498416 1.34039 0.41 0.682 -2.077954 3.177638

\_IBYR\_1828 | 1.030104 1.343894 0.77 0.443 -1.604562 3.66477

\_IBYR\_1829 | .5296222 1.352853 0.39 0.695 -2.122608 3.181852

\_IBYR\_1830 | .7660395 1.350307 0.57 0.571 -1.881198 3.413277

\_IBYR\_1831 | .86982 1.363442 0.64 0.524 -1.803169 3.542809

\_IBYR\_1832 | .9171216 1.36599 0.67 0.502 -1.760863 3.595106

\_IBYR\_1833 | .1919051 1.362676 0.14 0.888 -2.479582 2.863392

\_IBYR\_1834 | .6066869 1.373666 0.44 0.659 -2.086345 3.299719

\_IBYR\_1835 | .4945713 1.378082 0.36 0.720 -2.207119 3.196262

\_IBYR\_1836 | .4696907 1.389471 0.34 0.735 -2.254328 3.193709

\_IBYR\_1837 | .9985598 1.397302 0.71 0.475 -1.740812 3.737932

\_IBYR\_1838 | 1.181331 1.644744 0.72 0.473 -2.043141 4.405804

\_IBYR\_1839 | -.1655249 1.778091 -0.09 0.926 -3.651422 3.320372

\_IBYR\_1840 | .4844751 1.69265 0.29 0.775 -2.833918 3.802868

\_IBYR\_1841 | 1.923798 1.615752 1.19 0.234 -1.243838 5.091433

yr\_1807 | 1.511298 .9718779 1.56 0.120 -.3940413 3.416637

yr\_1808 | 2.156419 1.370876 1.57 0.116 -.5311438 4.843982

yr\_1809 | 1.927815 1.048651 1.84 0.066 -.1280347 3.983665

yr\_1810 | 1.334975 1.048255 1.27 0.203 -.7200994 3.390049

yr\_1811 | 2.578033 1.115473 2.31 0.021 .3911788 4.764887

yr\_1812 | 1.753138 1.218941 1.44 0.150 -.6365614 4.142837

yr\_1813 | 1.618696 1.18213 1.37 0.171 -.698836 3.936228

yr\_1814 | 2.272571 1.239349 1.83 0.067 -.1571383 4.70228

yr\_1815 | 1.971419 1.1078 1.78 0.075 -.2003927 4.14323

yr\_1816 | 1.524084 1.12283 1.36 0.175 -.6771917 3.72536

yr\_1817 | .702852 1.198786 0.59 0.558 -1.647334 3.053038

yr\_1818 | 1.036587 1.237844 0.84 0.402 -1.390171 3.463345

yr\_1819 | 1.139996 1.167264 0.98 0.329 -1.148392 3.428384

yr\_1820 | 1.674268 1.212164 1.38 0.167 -.7021455 4.050682

yr\_1821 | 1.527445 1.231506 1.24 0.215 -.8868869 3.941777

yr\_1822 | 1.199333 1.204834 1.00 0.320 -1.162709 3.561375

yr\_1823 | 1.121839 1.196108 0.94 0.348 -1.223097 3.466774

yr\_1824 | 1.836752 1.206652 1.52 0.128 -.5288563 4.202359

yr\_1825 | 1.222273 1.221842 1.00 0.317 -1.173114 3.61766

yr\_1826 | 1.258095 1.24353 1.01 0.312 -1.179811 3.696

yr\_1827 | 1.805113 1.226453 1.47 0.141 -.5993133 4.209539

yr\_1828 | 1.353861 1.238823 1.09 0.275 -1.074817 3.782538

yr\_1829 | 1.133631 1.248222 0.91 0.364 -1.313472 3.580734

yr\_1830 | .9804735 1.267056 0.77 0.439 -1.503554 3.464501

yr\_1831 | .7934185 1.249656 0.63 0.526 -1.656497 3.243334

yr\_1832 | 1.272753 1.247462 1.02 0.308 -1.172861 3.718367

yr\_1833 | 1.26238 1.285691 0.98 0.326 -1.258179 3.78294

yr\_1834 | .5633873 1.341464 0.42 0.675 -2.066514 3.193288

yr\_1835 | 1.377155 1.305659 1.05 0.292 -1.182552 3.936862

yr\_1836 | 1.611661 1.310376 1.23 0.219 -.9572947 4.180617

yr\_1837 | 1.190123 1.29927 0.92 0.360 -1.357059 3.737304

yr\_1838 | 1.460622 1.318989 1.11 0.268 -1.125219 4.046462

yr\_1839 | 1.818947 1.321014 1.38 0.169 -.7708635 4.408757

yr\_1840 | 1.665036 1.327948 1.25 0.210 -.9383696 4.268441

yr\_1841 | .8759876 1.362485 0.64 0.520 -1.795126 3.547102

yr\_1842 | 1.047503 1.380074 0.76 0.448 -1.658092 3.753098

yr\_1843 | 1.589929 1.368478 1.16 0.245 -1.092934 4.272791

yr\_1844 | 1.526481 1.366659 1.12 0.264 -1.152815 4.205778

yr\_1845 | 1.188938 1.36047 0.87 0.382 -1.478225 3.856102

yr\_1846 | 1.600937 1.380825 1.16 0.246 -1.106132 4.308006

yr\_1847 | 1.464713 1.360026 1.08 0.282 -1.20158 4.131005

yr\_1848 | 1.376891 1.379492 1.00 0.318 -1.327564 4.081346

yr\_1849 | 2.048746 1.386938 1.48 0.140 -.6703074 4.767799

yr\_1850 | 1.438761 1.377532 1.04 0.296 -1.261851 4.139373

yr\_1851 | 1.127199 1.380495 0.82 0.414 -1.579222 3.83362

yr\_1852 | 1.06277 1.380003 0.77 0.441 -1.642686 3.768226

yr\_1853 | 1.33304 1.383993 0.96 0.336 -1.380239 4.04632

yr\_1854 | 1.262183 1.397841 0.90 0.367 -1.478244 4.00261

yr\_1855 | 1.097226 1.403481 0.78 0.434 -1.654258 3.848711

yr\_1856 | 1.386931 1.406083 0.99 0.324 -1.369655 4.143518

yr\_1857 | 1.288368 1.396506 0.92 0.356 -1.449442 4.026179

yr\_1858 | 1.058046 1.409225 0.75 0.453 -1.704699 3.820791

yr\_1859 | 1.261062 1.406755 0.90 0.370 -1.496841 4.018966

yr\_1860 | .9401408 1.405916 0.67 0.504 -1.816117 3.696399

yr\_1861 | .619038 1.482758 0.42 0.676 -2.287867 3.525943

yr\_1862 | 1.266671 1.524536 0.83 0.406 -1.72214 4.255481

yr\_1863 | 1.689323 1.553182 1.09 0.277 -1.355646 4.734291

\_cons | 65.4262 1.213976 53.89 0.000 63.04624 67.80617

------------------------------------------------------------------------------

.

. test $YR\_dums

( 1) yr\_1807 = 0

( 2) yr\_1808 = 0

( 3) yr\_1809 = 0

( 4) yr\_1810 = 0

( 5) yr\_1811 = 0

( 6) yr\_1812 = 0

( 7) yr\_1813 = 0

( 8) yr\_1814 = 0

( 9) yr\_1815 = 0

(10) yr\_1816 = 0

(11) yr\_1817 = 0

(12) yr\_1818 = 0

(13) yr\_1819 = 0

(14) yr\_1820 = 0

(15) yr\_1821 = 0

(16) yr\_1822 = 0

(17) yr\_1823 = 0

(18) yr\_1824 = 0

(19) yr\_1825 = 0

(20) yr\_1826 = 0

(21) yr\_1827 = 0

(22) yr\_1828 = 0

(23) yr\_1829 = 0

(24) yr\_1830 = 0

(25) yr\_1831 = 0

(26) yr\_1832 = 0

(27) yr\_1833 = 0

(28) yr\_1834 = 0

(29) yr\_1835 = 0

(30) yr\_1836 = 0

(31) yr\_1837 = 0

(32) yr\_1838 = 0

(33) yr\_1839 = 0

(34) yr\_1840 = 0

(35) yr\_1841 = 0

(36) yr\_1842 = 0

(37) yr\_1843 = 0

(38) yr\_1844 = 0

(39) yr\_1845 = 0

(40) yr\_1846 = 0

(41) yr\_1847 = 0

(42) yr\_1848 = 0

(43) yr\_1849 = 0

(44) yr\_1850 = 0

(45) yr\_1851 = 0

(46) yr\_1852 = 0

(47) yr\_1853 = 0

(48) yr\_1854 = 0

(49) yr\_1855 = 0

(50) yr\_1856 = 0

(51) yr\_1857 = 0

(52) yr\_1858 = 0

(53) yr\_1859 = 0

(54) yr\_1860 = 0

(55) yr\_1861 = 0

(56) yr\_1862 = 0

(57) yr\_1863 = 0

F( 57, 4675) = 0.86

Prob > F = 0.7563

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $MoreEff , robust

Linear regression Number of obs = 4797

F(121, 4675) = 1.29

Prob > F = 0.0188

R-squared = 0.0268

Root MSE = 2.7388

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1778 | .7504805 1.241013 0.60 0.545 -1.682491 3.183452

by\_1779 | -2.257864 1.026216 -2.20 0.028 -4.26973 -.2459972

by\_1780 | .6659293 1.143157 0.58 0.560 -1.575198 2.907057

by\_1781 | -.4270487 .9952812 -0.43 0.668 -2.378269 1.524172

by\_1782 | -.2303535 .8767455 -0.26 0.793 -1.949188 1.488481

by\_1783 | .1278858 1.012241 0.13 0.899 -1.856585 2.112356

by\_1784 | .0503699 .9850336 0.05 0.959 -1.88076 1.9815

by\_1785 | -.8937931 1.08633 -0.82 0.411 -3.023512 1.235926

by\_1786 | -1.195983 1.051138 -1.14 0.255 -3.256709 .8647431

by\_1787 | -.4515241 1.068069 -0.42 0.672 -2.545443 1.642395

by\_1788 | -.126061 1.075971 -0.12 0.907 -2.235471 1.983349

by\_1789 | .7842896 1.082327 0.72 0.469 -1.337583 2.906162

by\_1790 | .158207 1.102259 0.14 0.886 -2.002741 2.319155

by\_1791 | 1.10068 1.147294 0.96 0.337 -1.148556 3.349917

by\_1792 | -.3913046 1.118674 -0.35 0.727 -2.584432 1.801823

by\_1793 | .9417072 1.141485 0.82 0.409 -1.296141 3.179555

by\_1794 | 1.144041 1.147545 1.00 0.319 -1.105688 3.39377

by\_1795 | .5480719 1.142666 0.48 0.632 -1.692093 2.788236

by\_1796 | .4655686 1.149252 0.41 0.685 -1.787507 2.718644

by\_1797 | .059027 1.172869 0.05 0.960 -2.240348 2.358403

by\_1798 | -.0137796 1.163285 -0.01 0.991 -2.294366 2.266807

by\_1799 | .6299775 1.151343 0.55 0.584 -1.627198 2.887153

by\_1800 | .6062656 1.174257 0.52 0.606 -1.695832 2.908363

by\_1801 | .6937731 1.179777 0.59 0.557 -1.619147 3.006693

by\_1802 | .4426269 1.192744 0.37 0.711 -1.895715 2.780968

by\_1803 | 1.03665 1.215085 0.85 0.394 -1.34549 3.41879

by\_1804 | .4018955 1.196792 0.34 0.737 -1.944381 2.748172

by\_1805 | 1.112705 1.211234 0.92 0.358 -1.261884 3.487295

by\_1806 | .864648 1.211732 0.71 0.476 -1.510918 3.240214

by\_1807 | .9911881 1.213616 0.82 0.414 -1.388072 3.370448

by\_1808 | .6365645 1.22991 0.52 0.605 -1.77464 3.047769

by\_1809 | .7417584 1.241125 0.60 0.550 -1.691432 3.174949

by\_1810 | .579008 1.254997 0.46 0.645 -1.881379 3.039395

by\_1811 | .7727496 1.267154 0.61 0.542 -1.711469 3.256969

by\_1812 | .9958247 1.278574 0.78 0.436 -1.510784 3.502434

by\_1813 | .630299 1.286458 0.49 0.624 -1.891766 3.152364

by\_1814 | .5504404 1.284339 0.43 0.668 -1.96747 3.068351

by\_1815 | .4952729 1.291298 0.38 0.701 -2.036281 3.026827

by\_1816 | .2999395 1.30355 0.23 0.818 -2.255633 2.855512

by\_1817 | 1.046414 1.308873 0.80 0.424 -1.519595 3.612422

by\_1818 | .0527046 1.323232 0.04 0.968 -2.541455 2.646864

by\_1819 | .5622794 1.332694 0.42 0.673 -2.05043 3.174989

by\_1820 | .8483619 1.324761 0.64 0.522 -1.748794 3.445518

by\_1821 | 1.050174 1.320337 0.80 0.426 -1.53831 3.638658

by\_1822 | .4059203 1.323528 0.31 0.759 -2.188819 3.00066

by\_1823 | .8605918 1.33228 0.65 0.518 -1.751306 3.47249

by\_1824 | .7200302 1.331559 0.54 0.589 -1.890454 3.330514

by\_1825 | .5470149 1.332728 0.41 0.681 -2.065761 3.159791

by\_1826 | .8173678 1.340213 0.61 0.542 -1.810082 3.444818

by\_1827 | .5498416 1.34039 0.41 0.682 -2.077954 3.177638

by\_1828 | 1.030104 1.343894 0.77 0.443 -1.604562 3.66477

by\_1829 | .5296222 1.352853 0.39 0.695 -2.122608 3.181852

by\_1830 | .7660395 1.350307 0.57 0.571 -1.881198 3.413277

by\_1831 | .86982 1.363442 0.64 0.524 -1.803169 3.542809

by\_1832 | .9171216 1.36599 0.67 0.502 -1.760863 3.595106

by\_1833 | .1919051 1.362676 0.14 0.888 -2.479582 2.863392

by\_1834 | .6066869 1.373666 0.44 0.659 -2.086345 3.299719

by\_1835 | .4945713 1.378082 0.36 0.720 -2.207119 3.196262

by\_1836 | .4696907 1.389471 0.34 0.735 -2.254328 3.193709

by\_1837 | .9985598 1.397302 0.71 0.475 -1.740812 3.737932

by\_1838 | 1.181331 1.644744 0.72 0.473 -2.043141 4.405804

by\_1839 | -.1655249 1.778091 -0.09 0.926 -3.651422 3.320372

by\_1840 | .4844751 1.69265 0.29 0.775 -2.833918 3.802868

by\_1841 | 1.923798 1.615752 1.19 0.234 -1.243838 5.091433

yr\_1807 | 1.511298 .9718779 1.56 0.120 -.3940413 3.416637

yr\_1808 | 2.156419 1.370876 1.57 0.116 -.5311438 4.843982

yr\_1809 | 1.927815 1.048651 1.84 0.066 -.1280347 3.983665

yr\_1810 | 1.334975 1.048255 1.27 0.203 -.7200994 3.390049

yr\_1811 | 2.578033 1.115473 2.31 0.021 .3911788 4.764887

yr\_1812 | 1.753138 1.218941 1.44 0.150 -.6365614 4.142837

yr\_1813 | 1.618696 1.18213 1.37 0.171 -.698836 3.936228

yr\_1814 | 2.272571 1.239349 1.83 0.067 -.1571383 4.70228

yr\_1815 | 1.971419 1.1078 1.78 0.075 -.2003927 4.14323

yr\_1816 | 1.524084 1.12283 1.36 0.175 -.6771917 3.72536

yr\_1817 | .702852 1.198786 0.59 0.558 -1.647334 3.053038

yr\_1818 | 1.036587 1.237844 0.84 0.402 -1.390171 3.463345

yr\_1819 | 1.139996 1.167264 0.98 0.329 -1.148392 3.428384

yr\_1820 | 1.674268 1.212164 1.38 0.167 -.7021455 4.050682

yr\_1821 | 1.527445 1.231506 1.24 0.215 -.8868869 3.941777

yr\_1822 | 1.199333 1.204834 1.00 0.320 -1.162709 3.561375

yr\_1823 | 1.121839 1.196108 0.94 0.348 -1.223097 3.466774

yr\_1824 | 1.836752 1.206652 1.52 0.128 -.5288563 4.202359

yr\_1825 | 1.222273 1.221842 1.00 0.317 -1.173114 3.61766

yr\_1826 | 1.258095 1.24353 1.01 0.312 -1.179811 3.696

yr\_1827 | 1.805113 1.226453 1.47 0.141 -.5993133 4.209539

yr\_1828 | 1.353861 1.238823 1.09 0.275 -1.074817 3.782538

yr\_1829 | 1.133631 1.248222 0.91 0.364 -1.313472 3.580734

yr\_1830 | .9804735 1.267056 0.77 0.439 -1.503554 3.464501

yr\_1831 | .7934185 1.249656 0.63 0.526 -1.656497 3.243334

yr\_1832 | 1.272753 1.247462 1.02 0.308 -1.172861 3.718367

yr\_1833 | 1.26238 1.285691 0.98 0.326 -1.258179 3.78294

yr\_1834 | .5633873 1.341464 0.42 0.675 -2.066514 3.193288

yr\_1835 | 1.377155 1.305659 1.05 0.292 -1.182552 3.936862

yr\_1836 | 1.611661 1.310376 1.23 0.219 -.9572947 4.180617

yr\_1837 | 1.190123 1.29927 0.92 0.360 -1.357059 3.737304

yr\_1838 | 1.460622 1.318989 1.11 0.268 -1.125219 4.046462

yr\_1839 | 1.818947 1.321014 1.38 0.169 -.7708635 4.408757

yr\_1840 | 1.665036 1.327948 1.25 0.210 -.9383696 4.268441

yr\_1841 | .8759876 1.362485 0.64 0.520 -1.795126 3.547102

yr\_1842 | 1.047503 1.380074 0.76 0.448 -1.658092 3.753098

yr\_1843 | 1.589929 1.368478 1.16 0.245 -1.092934 4.272791

yr\_1844 | 1.526481 1.366659 1.12 0.264 -1.152815 4.205778

yr\_1845 | 1.188938 1.36047 0.87 0.382 -1.478225 3.856102

yr\_1846 | 1.600937 1.380825 1.16 0.246 -1.106132 4.308006

yr\_1847 | 1.464713 1.360026 1.08 0.282 -1.20158 4.131005

yr\_1848 | 1.376891 1.379492 1.00 0.318 -1.327564 4.081346

yr\_1849 | 2.048746 1.386938 1.48 0.140 -.6703074 4.767799

yr\_1850 | 1.438761 1.377532 1.04 0.296 -1.261851 4.139373

yr\_1851 | 1.127199 1.380495 0.82 0.414 -1.579222 3.83362

yr\_1852 | 1.06277 1.380003 0.77 0.441 -1.642686 3.768226

yr\_1853 | 1.33304 1.383993 0.96 0.336 -1.380239 4.04632

yr\_1854 | 1.262183 1.397841 0.90 0.367 -1.478244 4.00261

yr\_1855 | 1.097226 1.403481 0.78 0.434 -1.654258 3.848711

yr\_1856 | 1.386931 1.406083 0.99 0.324 -1.369655 4.143518

yr\_1857 | 1.288368 1.396506 0.92 0.356 -1.449442 4.026179

yr\_1858 | 1.058046 1.409225 0.75 0.453 -1.704699 3.820791

yr\_1859 | 1.261062 1.406755 0.90 0.370 -1.496841 4.018966

yr\_1860 | .9401408 1.405916 0.67 0.504 -1.816117 3.696399

yr\_1861 | .619038 1.482758 0.42 0.676 -2.287867 3.525943

yr\_1862 | 1.266671 1.524536 0.83 0.406 -1.72214 4.255481

yr\_1863 | 1.689323 1.553182 1.09 0.277 -1.355646 4.734291

\_cons | 65.4262 1.213976 53.89 0.000 63.04624 67.80617

------------------------------------------------------------------------------

. test $YR\_dums

( 1) yr\_1807 = 0

( 2) yr\_1808 = 0

( 3) yr\_1809 = 0

( 4) yr\_1810 = 0

( 5) yr\_1811 = 0

( 6) yr\_1812 = 0

( 7) yr\_1813 = 0

( 8) yr\_1814 = 0

( 9) yr\_1815 = 0

(10) yr\_1816 = 0

(11) yr\_1817 = 0

(12) yr\_1818 = 0

(13) yr\_1819 = 0

(14) yr\_1820 = 0

(15) yr\_1821 = 0

(16) yr\_1822 = 0

(17) yr\_1823 = 0

(18) yr\_1824 = 0

(19) yr\_1825 = 0

(20) yr\_1826 = 0

(21) yr\_1827 = 0

(22) yr\_1828 = 0

(23) yr\_1829 = 0

(24) yr\_1830 = 0

(25) yr\_1831 = 0

(26) yr\_1832 = 0

(27) yr\_1833 = 0

(28) yr\_1834 = 0

(29) yr\_1835 = 0

(30) yr\_1836 = 0

(31) yr\_1837 = 0

(32) yr\_1838 = 0

(33) yr\_1839 = 0

(34) yr\_1840 = 0

(35) yr\_1841 = 0

(36) yr\_1842 = 0

(37) yr\_1843 = 0

(38) yr\_1844 = 0

(39) yr\_1845 = 0

(40) yr\_1846 = 0

(41) yr\_1847 = 0

(42) yr\_1848 = 0

(43) yr\_1849 = 0

(44) yr\_1850 = 0

(45) yr\_1851 = 0

(46) yr\_1852 = 0

(47) yr\_1853 = 0

(48) yr\_1854 = 0

(49) yr\_1855 = 0

(50) yr\_1856 = 0

(51) yr\_1857 = 0

(52) yr\_1858 = 0

(53) yr\_1859 = 0

(54) yr\_1860 = 0

(55) yr\_1861 = 0

(56) yr\_1862 = 0

(57) yr\_1863 = 0

F( 57, 4675) = 0.86

Prob > F = 0.7563

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff , robust

Linear regression Number of obs = 4797

F(379, 4417) = 1.45

Prob > F = 0.0000

R-squared = 0.0830

Root MSE = 2.7351

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1778 | -.0375 1.581748 -0.02 0.981 -3.138519 3.063519

by\_1779 | -2.376078 4.983161 -0.48 0.634 -12.14557 7.393414

by\_1780 | -2.196941 4.980683 -0.44 0.659 -11.96158 7.567693

by\_1781 | .9268099 5.112477 0.18 0.856 -9.096208 10.94983

by\_1782 | -2.359029 5.089683 -0.46 0.643 -12.33736 7.619301

by\_1783 | -2.947309 5.028879 -0.59 0.558 -12.80643 6.911814

by\_1784 | .0397727 1.250897 0.03 0.975 -2.412612 2.492157

by\_1785 | -1.936518 4.886073 -0.40 0.692 -11.51567 7.642635

by\_1786 | -3.880192 4.675728 -0.83 0.407 -13.04696 5.286577

by\_1787 | -2.966172 4.93642 -0.60 0.548 -12.64403 6.711685

by\_1788 | .3643099 4.724553 0.08 0.939 -8.898183 9.626802

by\_1789 | -1.493561 1.788302 -0.84 0.404 -4.999528 2.012407

by\_1790 | -2.738975 4.765367 -0.57 0.565 -12.08148 6.603533

by\_1791 | -5.74495 4.803227 -1.20 0.232 -15.16168 3.671782

by\_1792 | -1.242074 4.735404 -0.26 0.793 -10.52584 8.041692

by\_1793 | -.7006469 4.580588 -0.15 0.878 -9.680896 8.279602

by\_1794 | -.9527791 4.720302 -0.20 0.840 -10.20694 8.301378

by\_1795 | .8553813 4.490352 0.19 0.849 -7.947959 9.658722

by\_1796 | -2.495833 2.078069 -1.20 0.230 -6.56989 1.578223

by\_1797 | -2.122309 4.571954 -0.46 0.643 -11.08563 6.841013

by\_1798 | -7.187257 4.514396 -1.59 0.111 -16.03774 1.663222

by\_1799 | -1.137907 4.630627 -0.25 0.806 -10.21626 7.940443

by\_1800 | -.6350219 4.36204 -0.15 0.884 -9.186807 7.916764

by\_1801 | -.59389 4.575477 -0.13 0.897 -9.564118 8.376338

by\_1802 | .4268099 4.214558 0.10 0.919 -7.835837 8.689456

by\_1803 | -1.245833 2.691726 -0.46 0.644 -6.522966 4.031299

by\_1804 | -1.118462 4.449071 -0.25 0.802 -9.840872 7.603947

by\_1805 | -6.035014 4.390553 -1.37 0.169 -14.6427 2.572671

by\_1806 | .7475098 4.487889 0.17 0.868 -8.051003 9.546022

by\_1807 | -3.166272 4.154172 -0.76 0.446 -11.31053 4.977987

by\_1808 | -.5556549 4.481783 -0.12 0.901 -9.342196 8.230886

by\_1809 | 1.749242 4.154919 0.42 0.674 -6.396481 9.894966

by\_1810 | -1.947756 3.042028 -0.64 0.522 -7.911655 4.016143

by\_1811 | -.0004069 4.266986 -0.00 1.000 -8.365838 8.365024

by\_1812 | -6.762792 4.232675 -1.60 0.110 -15.06096 1.535373

by\_1813 | 1.59126 4.290228 0.37 0.711 -6.819738 10.00226

by\_1814 | -3.367165 4.079467 -0.83 0.409 -11.36496 4.630635

by\_1815 | -.3028771 4.360619 -0.07 0.945 -8.851877 8.246123

by\_1816 | -.459091 3.951255 -0.12 0.908 -8.20553 7.287348

by\_1817 | -1.428526 3.19331 -0.45 0.655 -7.689013 4.831962

by\_1818 | -1.33374 4.109148 -0.32 0.746 -9.389729 6.722249

by\_1819 | -6.957236 4.026469 -1.73 0.084 -14.85113 .936661

by\_1820 | -.4026373 4.142957 -0.10 0.923 -8.524909 7.719635

by\_1821 | -1.76234 3.9615 -0.44 0.656 -9.528866 6.004186

by\_1822 | .3637896 4.201087 0.09 0.931 -7.872447 8.600026

by\_1823 | -.2553873 3.783236 -0.07 0.946 -7.672426 7.161651

by\_1824 | -2.686115 3.329678 -0.81 0.420 -9.213952 3.841722

by\_1825 | -.331764 4.023797 -0.08 0.934 -8.220422 7.556894

by\_1826 | -4.672712 3.802403 -1.23 0.219 -12.12733 2.781904

by\_1827 | .1270196 4.031345 0.03 0.975 -7.776436 8.030475

by\_1828 | -.7814135 3.843815 -0.20 0.839 -8.317218 6.754391

by\_1829 | -.4205854 4.110983 -0.10 0.919 -8.480172 7.639001

by\_1830 | -.9056292 3.719223 -0.24 0.808 -8.19717 6.385912

by\_1831 | -2.30929 3.452444 -0.67 0.504 -9.07781 4.45923

by\_1832 | .5731506 3.827462 0.15 0.881 -6.930592 8.076894

by\_1833 | -4.902147 3.705184 -1.32 0.186 -12.16616 2.36187

by\_1834 | .9603529 3.974503 0.24 0.809 -6.831664 8.75237

by\_1835 | -1.412296 3.710161 -0.38 0.703 -8.686071 5.861479

by\_1836 | -.9281086 4.029622 -0.23 0.818 -8.828188 6.971971

by\_1837 | -.9208971 3.661965 -0.25 0.801 -8.100184 6.25839

by\_1838 | -1.181314 3.732844 -0.32 0.752 -8.499559 6.136932

by\_1839 | -1.439647 4.034708 -0.36 0.721 -9.349697 6.470403

by\_1840 | -.7896471 3.995623 -0.20 0.843 -8.623071 7.043777

by\_1841 | .4909709 5.408614 0.09 0.928 -10.11262 11.09457

yr\_1807 | .0784709 5.24306 0.01 0.988 -10.20056 10.3575

yr\_1808 | 2.83828 5.519829 0.51 0.607 -7.983353 13.65991

yr\_1809 | .6132032 5.227584 0.12 0.907 -9.635481 10.86189

yr\_1810 | 2.357143 1.872118 1.26 0.208 -1.313147 6.027432

yr\_1811 | .714161 5.075705 0.14 0.888 -9.236765 10.66509

yr\_1812 | 1.301198 5.03845 0.26 0.796 -8.576689 11.17909

yr\_1813 | 3.08828 5.082348 0.61 0.543 -6.875669 13.05223

yr\_1814 | 7.064492 5.254686 1.34 0.179 -3.237326 17.36631

yr\_1815 | 1.133044 5.059609 0.22 0.823 -8.786324 11.05241

yr\_1816 | 1.921163 4.937517 0.39 0.697 -7.758844 11.60117

yr\_1817 | 2 2.337808 0.86 0.392 -2.583275 6.583275

yr\_1818 | .5980895 4.915537 0.12 0.903 -9.038826 10.23501

yr\_1819 | 2.534531 4.93944 0.51 0.608 -7.149248 12.21831

yr\_1820 | 2.58828 4.914552 0.53 0.598 -7.046705 12.22326

yr\_1821 | 6.135921 4.829773 1.27 0.204 -3.332856 15.6047

yr\_1822 | 1.320544 4.941485 0.27 0.789 -8.367243 11.00833

yr\_1823 | 1.075993 4.743819 0.23 0.821 -8.22427 10.37626

yr\_1824 | 2.49375 2.60419 0.96 0.338 -2.611767 7.599267

yr\_1825 | -.2144105 4.710589 -0.05 0.964 -9.449526 9.020705

yr\_1826 | 2.136804 4.755805 0.45 0.653 -7.186957 11.46057

yr\_1827 | 2.359433 4.804542 0.49 0.623 -7.059876 11.77874

yr\_1828 | 7.099062 4.764833 1.49 0.136 -2.2424 16.44052

yr\_1829 | 1.153878 4.819323 0.24 0.811 -8.29441 10.60217

yr\_1830 | 3.307243 4.56687 0.72 0.469 -5.646111 12.2606

yr\_1831 | -.2433742 2.743455 -0.09 0.929 -5.621921 5.135172

yr\_1832 | -.925839 4.488978 -0.21 0.837 -9.726485 7.874807

yr\_1833 | 2.261804 4.411676 0.51 0.608 -6.387291 10.9109

yr\_1834 | .2872111 4.643015 0.06 0.951 -8.815426 9.389849

yr\_1835 | 7.828762 4.641004 1.69 0.092 -1.269931 16.92746

yr\_1836 | -.8565389 4.623304 -0.19 0.853 -9.920531 8.207454

yr\_1837 | 3.414386 4.447714 0.77 0.443 -5.305363 12.13413

yr\_1838 | 1.752181 2.963826 0.59 0.554 -4.058402 7.562765

yr\_1839 | .7250619 4.322049 0.17 0.867 -7.74832 9.198444

yr\_1840 | 2.550266 4.282114 0.60 0.551 -5.844824 10.94536

yr\_1841 | -.0252889 4.468923 -0.01 0.995 -8.786617 8.736039

yr\_1842 | 7.403762 4.441762 1.67 0.096 -1.304317 16.11184

yr\_1843 | 1.371733 3.855936 0.36 0.722 -6.187835 8.931301

yr\_1844 | 3.416469 4.340232 0.79 0.431 -5.09256 11.9255

yr\_1845 | -.3478187 3.14943 -0.11 0.912 -6.522281 5.826643

yr\_1846 | .8500619 4.195843 0.20 0.839 -7.375893 9.076017

yr\_1847 | 2.991372 4.151049 0.72 0.471 -5.146765 11.12951

yr\_1848 | .6792566 4.37061 0.16 0.877 -7.889329 9.247842

yr\_1849 | 6.998207 4.182713 1.67 0.094 -1.202008 15.19842

yr\_1850 | .2347846 3.722983 0.06 0.950 -7.064128 7.533697

yr\_1851 | 1.421168 4.205948 0.34 0.735 -6.824599 9.666935

yr\_1852 | .1365563 3.291486 0.04 0.967 -6.316406 6.589518

yr\_1853 | 1.591813 4.087078 0.39 0.697 -6.420909 9.604535

yr\_1854 | 2.535886 4.045364 0.63 0.531 -5.395055 10.46683

yr\_1855 | -.2494874 4.211861 -0.06 0.953 -8.506846 8.007871

yr\_1856 | 5.194118 4.080809 1.27 0.203 -2.806312 13.19455

yr\_1857 | -.5693821 3.661069 -0.16 0.876 -7.746912 6.608148

yr\_1858 | 1.128267 4.093068 0.28 0.783 -6.896198 9.152732

yr\_1859 | .9209313 3.398757 0.27 0.786 -5.742335 7.584198

yr\_1860 | 1.3766 4.029297 0.34 0.733 -6.522842 9.276042

yr\_1861 | 2.093118 3.919969 0.53 0.593 -5.591987 9.778223

yr\_1862 | 1.026154 4.051896 0.25 0.800 -6.917592 8.9699

yr\_1863 | 1.530618 3.563175 0.43 0.668 -5.454991 8.516227

y1806\_b1778 | .0118042 5.449586 0.00 0.998 -10.67212 10.69572

y1806\_b1780 | 1.337912 2.554522 0.52 0.600 -3.670232 6.346056

y1807\_b1781 | -.7643099 5.068985 -0.15 0.880 -10.70206 9.173442

y1807\_b1782 | 2.140279 5.069255 0.42 0.673 -7.798001 12.07856

y1807\_b1783 | 3.259809 5.076624 0.64 0.521 -6.692918 13.21254

y1808\_b1780 | 1.388521 5.344644 0.26 0.795 -9.08966 11.8667

y1809\_b1781 | -2.732376 4.961976 -0.55 0.582 -12.46034 6.995584

y1809\_b1782 | 2.154654 5.071947 0.42 0.671 -7.788904 12.09821

y1809\_b1783 | 3.796505 3.985329 0.95 0.341 -4.016737 11.60975

y1809\_b1784 | .487995 4.887178 0.10 0.920 -9.093323 10.06931

y1810\_b1786 | .7711632 4.710867 0.16 0.870 -8.464497 10.00682

y1811\_b1784 | -1.25582 4.73889 -0.27 0.791 -10.54642 8.034779

y1811\_b1785 | 2.641106 4.571906 0.58 0.564 -6.322122 11.60433

y1811\_b1786 | 3.657002 4.261922 0.86 0.391 -4.698502 12.01251

y1811\_b1787 | 1.736732 4.896457 0.35 0.723 -7.862779 11.33624

y1812\_b1788 | -.9828705 4.579872 -0.21 0.830 -9.961715 7.995974

y1813\_b1788 | -3.783841 4.37408 -0.87 0.387 -12.35923 4.791549

y1813\_b1789 | .1295853 4.562016 0.03 0.977 -8.814253 9.073423

y1814\_b1788 | -5.537831 4.780158 -1.16 0.247 -14.90934 3.833675

y1814\_b1789 | -4.179961 4.81722 -0.87 0.386 -13.62413 5.264205

y1814\_b1790 | -3.351213 4.786488 -0.70 0.484 -12.73513 6.032703

y1815\_b1786 | 1.888119 4.265367 0.44 0.658 -6.474138 10.25038

y1815\_b1787 | 2.411598 4.724242 0.51 0.610 -6.850283 11.67348

y1815\_b1788 | -1.137634 4.499766 -0.25 0.800 -9.959431 7.684164

y1815\_b1789 | 1.07841 4.545242 0.24 0.812 -7.832542 9.989363

y1815\_b1790 | 2.530235 3.379876 0.75 0.454 -4.096016 9.156486

y1815\_b1791 | 7.409126 4.627528 1.60 0.109 -1.663149 16.4814

y1816\_b1787 | 1.400265 4.616983 0.30 0.762 -7.651335 10.45187

y1816\_b1788 | -3.894502 4.217761 -0.92 0.356 -12.16343 4.374424

y1816\_b1789 | 2.013368 4.370747 0.46 0.645 -6.555487 10.58222

y1816\_b1791 | 6.214757 4.479904 1.39 0.165 -2.5681 14.99761

y1816\_b1792 | -1.413119 4.327685 -0.33 0.744 -9.897551 7.071313

y1817\_b1789 | -.8654685 4.496358 -0.19 0.847 -9.680583 7.949646

y1817\_b1792 | -1.648206 4.559342 -0.36 0.718 -10.5868 7.290389

y1817\_b1793 | -2.358382 4.363186 -0.54 0.589 -10.91241 6.19565

y1818\_b1789 | 1.536442 4.418147 0.35 0.728 -7.12534 10.19822

y1818\_b1793 | .1324171 4.150332 0.03 0.975 -8.004313 8.269147

y1818\_b1794 | -.4820666 4.462149 -0.11 0.914 -9.230114 8.265981

y1819\_b1791 | 3.051389 4.496358 0.68 0.497 -5.763726 11.8665

y1819\_b1793 | .1820863 4.194413 0.04 0.965 -8.041065 8.405238

y1819\_b1794 | -.8638584 4.3729 -0.20 0.843 -9.436934 7.709217

y1819\_b1795 | -3.298942 4.07838 -0.81 0.419 -11.29461 4.696727

y1820\_b1792 | -2.205235 3.164163 -0.70 0.486 -8.40858 3.99811

y1820\_b1793 | .8533383 4.205705 0.20 0.839 -7.391951 9.098628

y1820\_b1795 | -3.643599 3.950154 -0.92 0.356 -11.38788 4.100682

y1820\_b1796 | 1.798525 4.272861 0.42 0.674 -6.578424 10.17547

y1821\_b1792 | -5.402876 4.40868 -1.23 0.220 -14.0461 3.240346

y1821\_b1793 | -5.115731 4.263551 -1.20 0.230 -13.47443 3.242966

y1821\_b1795 | -4.975331 4.040647 -1.23 0.218 -12.89702 2.946362

y1821\_b1796 | -1.768347 4.070869 -0.43 0.664 -9.749292 6.212597

y1822\_b1794 | 1.960706 4.372169 0.45 0.654 -6.610937 10.53235

y1822\_b1795 | -2.618288 4.006172 -0.65 0.513 -10.47239 5.235816

y1822\_b1796 | .9829264 4.286482 0.23 0.819 -7.420728 9.38658

y1822\_b1797 | -.682265 3.024256 -0.23 0.822 -6.611322 5.246792

y1823\_b1794 | 1.267757 4.168458 0.30 0.761 -6.90451 9.440024

y1823\_b1795 | -2.240403 3.619976 -0.62 0.536 -9.33737 4.856564

y1823\_b1796 | -.3298136 4.091363 -0.08 0.936 -8.350935 7.691308

y1823\_b1797 | .8622867 3.804868 0.23 0.821 -6.597162 8.321736

y1823\_b1798 | 6.698664 3.881757 1.73 0.084 -.9115254 14.30885

y1823\_b1799 | .8392487 3.83116 0.22 0.827 -6.671745 8.350242

y1824\_b1795 | -2.27066 4.079303 -0.56 0.578 -10.26814 5.726817

y1824\_b1796 | 1.393054 4.14616 0.34 0.737 -6.735497 9.521606

y1824\_b1798 | 5.584478 4.083737 1.37 0.172 -2.421692 13.59065

y1824\_b1799 | -.6037611 4.260057 -0.14 0.887 -8.955609 7.748087

y1824\_b1800 | -1.899575 3.940048 -0.48 0.630 -9.624044 5.824893

y1825\_b1796 | 2.101215 4.037004 0.52 0.603 -5.813337 10.01577

y1825\_b1797 | 3.334833 3.7722 0.88 0.377 -4.06057 10.73024

y1825\_b1799 | 2.326622 3.797119 0.61 0.540 -5.117635 9.770878

y1825\_b1800 | .6494941 3.472905 0.19 0.852 -6.15914 7.458128

y1825\_b1801 | .9180214 3.93458 0.23 0.816 -6.795728 8.631771

y1826\_b1798 | 5.024757 4.037348 1.24 0.213 -2.890468 12.93998

y1826\_b1799 | -1.19126 4.093408 -0.29 0.771 -9.216391 6.833872

y1826\_b1800 | -1.798311 3.74784 -0.48 0.631 -9.145955 5.549332

y1826\_b1801 | -.8769433 4.031988 -0.22 0.828 -8.781661 7.027774

y1826\_b1802 | -.5726433 3.555686 -0.16 0.872 -7.543569 6.398283

y1827\_b1798 | 4.868795 4.123406 1.18 0.238 -3.215147 12.95274

y1827\_b1799 | -.009127 2.84644 -0.00 0.997 -5.589575 5.571321

y1827\_b1800 | -.0477263 3.640391 -0.01 0.990 -7.184718 7.089265

y1827\_b1801 | -1.155822 4.071934 -0.28 0.777 -9.138854 6.827209

y1827\_b1802 | -2.091701 3.410552 -0.61 0.540 -8.778092 4.594691

y1827\_b1803 | -.1392958 3.714511 -0.04 0.970 -7.4216 7.143008

y1828\_b1800 | -5.130761 3.745127 -1.37 0.171 -12.47309 2.211565

y1828\_b1802 | -8.324901 3.665384 -2.27 0.023 -15.51089 -1.138911

y1828\_b1803 | -4.712257 3.623198 -1.30 0.193 -11.81554 2.391026

y1828\_b1804 | -5.801167 3.862887 -1.50 0.133 -13.37436 1.772028

y1829\_b1800 | -1.652885 3.898756 -0.42 0.672 -9.296401 5.990631

y1829\_b1801 | .2173467 4.061288 0.05 0.957 -7.744814 8.179507

y1829\_b1803 | 1.399593 3.754481 0.37 0.709 -5.961072 8.760258

y1829\_b1804 | -.3111111 2.428203 -0.13 0.898 -5.071606 4.449384

y1829\_b1805 | 4.840289 3.875818 1.25 0.212 -2.758257 12.43883

y1830\_b1801 | -.9890485 3.992331 -0.25 0.804 -8.816018 6.837921

y1830\_b1802 | -2.686832 3.065466 -0.88 0.381 -8.696681 3.323017

y1830\_b1803 | -2.120439 3.380083 -0.63 0.530 -8.747096 4.506218

y1830\_b1804 | -2.797809 3.490437 -0.80 0.423 -9.640815 4.045196

y1830\_b1805 | 1.793742 3.571107 0.50 0.615 -5.207418 8.794902

y1830\_b1806 | -4.12532 3.440846 -1.20 0.231 -10.8711 2.620463

y1831\_b1802 | .2283685 3.68162 0.06 0.951 -6.989452 7.446189

y1831\_b1803 | 1.430178 3.761892 0.38 0.704 -5.945016 8.805373

y1831\_b1804 | .957353 3.931699 0.24 0.808 -6.750748 8.665454

y1831\_b1805 | 6.669359 3.919982 1.70 0.089 -1.01577 14.35449

y1831\_b1806 | .4582639 3.951916 0.12 0.908 -7.289472 8.206

y1831\_b1807 | 4.918264 3.567357 1.38 0.168 -2.075543 11.91207

y1832\_b1803 | 4.000143 3.343834 1.20 0.232 -2.555448 10.55573

y1832\_b1804 | 2.735272 3.286576 0.83 0.405 -3.708063 9.178608

y1832\_b1805 | 8.476824 3.413325 2.48 0.013 1.784996 15.16865

y1832\_b1806 | .6109668 3.326251 0.18 0.854 -5.910153 7.132087

y1832\_b1807 | 4.566415 2.784782 1.64 0.101 -.8931538 10.02598

y1832\_b1808 | 2.267202 3.539326 0.64 0.522 -4.671651 9.206055

y1833\_b1805 | 5.608625 3.303928 1.70 0.090 -.8687293 12.08598

y1833\_b1806 | -3.068343 3.569341 -0.86 0.390 -10.06604 3.929354

y1833\_b1807 | 1.972522 3.06925 0.64 0.520 -4.044747 7.98979

y1833\_b1808 | -1.002678 3.484488 -0.29 0.774 -7.834021 5.828664

y1833\_b1809 | -4.24053 3.108399 -1.36 0.173 -10.33455 1.85349

y1834\_b1807 | 1.495032 3.26779 0.46 0.647 -4.911475 7.901539

y1834\_b1809 | -1.895483 3.429028 -0.55 0.580 -8.618096 4.827131

y1834\_b1810 | 2.134849 3.290375 0.65 0.516 -4.315935 8.585634

y1835\_b1806 | -8.585301 4.092731 -2.10 0.036 -16.60911 -.5614965

y1835\_b1807 | -3.02152 3.421662 -0.88 0.377 -9.729693 3.686653

y1835\_b1808 | -7.291228 3.795825 -1.92 0.055 -14.73295 .1504923

y1835\_b1809 | -10.73703 3.908705 -2.75 0.006 -18.40005 -3.074013

y1835\_b1810 | -4.958785 3.249292 -1.53 0.127 -11.32903 1.411455

y1835\_b1811 | -6.99294 3.464239 -2.02 0.044 -13.78459 -.2012947

y1836\_b1808 | 3.886498 3.747002 1.04 0.300 -3.459503 11.2325

y1836\_b1809 | 1.289934 3.088215 0.42 0.676 -4.764515 7.344383

y1836\_b1810 | 3.195266 3.161698 1.01 0.312 -3.003247 9.393779

y1836\_b1811 | 2.164583 1.710885 1.27 0.206 -1.189609 5.518776

y1836\_b1812 | 8.085301 3.497588 2.31 0.021 1.228276 14.94233

y1837\_b1808 | -1.96776 3.529478 -0.56 0.577 -8.887307 4.951787

y1837\_b1809 | -5.345574 2.820933 -1.89 0.058 -10.87602 .184869

y1837\_b1810 | -.7006583 2.924024 -0.24 0.811 -6.43321 5.031893

y1837\_b1811 | -1.987294 3.317168 -0.60 0.549 -8.490606 4.516019

y1837\_b1812 | 4.376877 3.180845 1.38 0.169 -1.859173 10.61293

y1837\_b1813 | -4.70396 3.18597 -1.48 0.140 -10.95006 1.542137

y1838\_b1810 | .4407126 3.235913 0.14 0.892 -5.903299 6.784724

y1838\_b1811 | -2.517054 3.542405 -0.71 0.477 -9.461942 4.427835

y1838\_b1812 | 6.04047 3.559083 1.70 0.090 -.9371156 13.01806

y1838\_b1814 | 2.005954 3.399776 0.59 0.555 -4.659311 8.671219

y1839\_b1811 | .3935887 2.819903 0.14 0.889 -5.134834 5.922012

y1839\_b1812 | 7.714415 3.169524 2.43 0.015 1.500559 13.92827

y1839\_b1813 | -2.014636 2.811787 -0.72 0.474 -7.527148 3.497875

y1839\_b1814 | 3.987619 2.426864 1.64 0.100 -.7702514 8.74549

y1839\_b1815 | .7187861 3.215737 0.22 0.823 -5.58567 7.023242

y1840\_b1812 | 5.540997 3.023825 1.83 0.067 -.3872158 11.46921

y1840\_b1813 | -3.750555 3.11926 -1.20 0.229 -9.865868 2.364758

y1840\_b1814 | 2.124537 2.756961 0.77 0.441 -3.280488 7.529561

y1840\_b1815 | -2.043918 3.179854 -0.64 0.520 -8.278025 4.190189

y1840\_b1816 | -.7783289 2.590758 -0.30 0.764 -5.857514 4.300856

y1841\_b1814 | 4.783424 3.238179 1.48 0.140 -1.565029 11.13188

y1841\_b1815 | .0524702 3.398513 0.02 0.988 -6.610319 6.71526

y1841\_b1816 | -.3746493 2.728955 -0.14 0.891 -5.724769 4.97547

y1841\_b1817 | 1.742513 2.842858 0.61 0.540 -3.830914 7.31594

y1842\_b1814 | -4.312294 3.16082 -1.36 0.173 -10.50909 1.884498

y1842\_b1816 | -5.732272 2.869812 -2.00 0.046 -11.35854 -.106002

y1842\_b1817 | -5.909266 2.763499 -2.14 0.033 -11.32711 -.4914229

y1842\_b1818 | -6.658218 3.141163 -2.12 0.034 -12.81647 -.4999636

y1843\_b1815 | -.5372601 2.522799 -0.21 0.831 -5.48321 4.408689

y1843\_b1816 | .4470787 2.926965 0.15 0.879 -5.291239 6.185397

y1843\_b1817 | 1.718597 2.856293 0.60 0.547 -3.88117 7.318363

y1843\_b1818 | .2815494 3.121028 0.09 0.928 -5.837229 6.400328

y1843\_b1819 | 5.309807 3.065268 1.73 0.083 -.6996545 11.31927

y1844\_b1816 | -2.959264 2.574634 -1.15 0.250 -8.006837 2.088308

y1844\_b1817 | -.6969724 2.847107 -0.24 0.807 -6.278729 4.884784

y1844\_b1818 | -.4917578 2.817498 -0.17 0.861 -6.015466 5.03195

y1844\_b1819 | 4.8365 2.765186 1.75 0.080 -.5846511 10.25765

y1844\_b1820 | -3.150639 2.911668 -1.08 0.279 -8.858968 2.557691

y1845\_b1816 | -.4021195 3.088028 -0.13 0.896 -6.456202 5.651963

y1845\_b1817 | 2.375649 2.909662 0.82 0.414 -3.328748 8.080045

y1845\_b1818 | 2.461419 3.247133 0.76 0.448 -3.904589 8.827427

y1845\_b1819 | 8.517454 3.095771 2.75 0.006 2.448191 14.58672

y1845\_b1820 | 1.541427 2.261642 0.68 0.496 -2.892525 5.975379

y1845\_b1821 | 2.816919 2.965022 0.95 0.342 -2.99601 8.629849

y1846\_b1817 | 1.519435 2.513671 0.60 0.546 -3.40862 6.44749

y1846\_b1818 | 2.981792 2.421313 1.23 0.218 -1.765195 7.728779

y1846\_b1819 | 5.069574 2.99725 1.69 0.091 -.8065385 10.94569

y1846\_b1820 | 2.599796 2.923646 0.89 0.374 -3.132015 8.331608

y1846\_b1821 | 1.189613 1.958104 0.61 0.544 -2.649252 5.028478

y1846\_b1822 | -.3784361 2.729584 -0.14 0.890 -5.729789 4.972916

y1847\_b1818 | -2.64166 2.601521 -1.02 0.310 -7.741946 2.458625

y1847\_b1819 | 4.925585 2.381658 2.07 0.039 .256342 9.594829

y1847\_b1820 | -1.091994 2.550714 -0.43 0.669 -6.092671 3.908683

y1847\_b1821 | .3985467 2.278647 0.17 0.861 -4.068743 4.865836

y1847\_b1822 | -3.678476 2.651444 -1.39 0.165 -8.876636 1.519684

y1847\_b1823 | -1.539458 1.935191 -0.80 0.426 -5.333401 2.254486

y1848\_b1820 | 1.558796 3.007897 0.52 0.604 -4.338191 7.455783

y1848\_b1821 | 1.974054 2.421625 0.82 0.415 -2.773544 6.721653

y1848\_b1822 | .070147 3.133185 0.02 0.982 -6.072466 6.21276

y1848\_b1823 | -.9703984 2.109965 -0.46 0.646 -5.106988 3.166191

y1848\_b1824 | 3.279408 2.413182 1.36 0.174 -1.451639 8.010455

y1849\_b1821 | -3.376146 2.449905 -1.38 0.168 -8.179188 1.426896

y1849\_b1822 | -6.922692 2.811736 -2.46 0.014 -12.4351 -1.41028

y1849\_b1823 | -4.929974 2.004463 -2.46 0.014 -8.859726 -1.000222

y1849\_b1824 | -4.11755 1.999878 -2.06 0.040 -8.038313 -.1967863

y1849\_b1825 | -5.084296 2.424543 -2.10 0.036 -9.837616 -.3309756

y1850\_b1821 | 2.668526 2.682329 0.99 0.320 -2.590182 7.927235

y1850\_b1822 | .7188673 1.945481 0.37 0.712 -3.095251 4.532986

y1850\_b1823 | 1.27521 2.410532 0.53 0.597 -3.45064 6.00106

y1850\_b1824 | 3.207686 2.456288 1.31 0.192 -1.60787 8.023241

y1850\_b1825 | .9619086 2.739391 0.35 0.726 -4.408672 6.332489

y1850\_b1826 | 4.937232 2.481563 1.99 0.047 .0721241 9.80234

y1851\_b1822 | -1.943987 2.775451 -0.70 0.484 -7.385263 3.497289

y1851\_b1823 | -1.14981 1.766555 -0.65 0.515 -4.613143 2.313523

y1851\_b1824 | 2.127071 2.031458 1.05 0.295 -1.855604 6.109747

y1851\_b1825 | -.6317667 2.179536 -0.29 0.772 -4.90475 3.641216

y1851\_b1826 | 3.700848 2.085539 1.77 0.076 -.3878534 7.78955

y1851\_b1827 | -.731291 2.486073 -0.29 0.769 -5.605241 4.142659

y1852\_b1823 | .9905711 2.552202 0.39 0.698 -4.013024 5.994166

y1852\_b1824 | 3.529815 2.517686 1.40 0.161 -1.406112 8.465742

y1852\_b1825 | .3230206 2.888923 0.11 0.911 -5.340717 5.986758

y1852\_b1826 | 4.619434 2.554986 1.81 0.071 -.3896181 9.628487

y1852\_b1827 | -.1404622 1.724828 -0.08 0.935 -3.52199 3.241065

y1852\_b1828 | 1.273923 2.638624 0.48 0.629 -3.899102 6.446948

y1853\_b1824 | 2.790829 1.901314 1.47 0.142 -.9367 6.518357

y1853\_b1825 | -1.107714 1.93804 -0.57 0.568 -4.907244 2.691816

y1853\_b1826 | 3.71387 1.826986 2.03 0.042 .132063 7.295678

y1853\_b1827 | -1.427862 2.329356 -0.61 0.540 -5.994566 3.138843

y1853\_b1828 | -.0484607 1.384424 -0.04 0.972 -2.762626 2.665704

y1853\_b1829 | -.9317717 2.411795 -0.39 0.699 -5.660099 3.796556

y1854\_b1826 | 2.975166 1.771458 1.68 0.093 -.4977806 6.448112

y1854\_b1827 | -1.421935 2.251853 -0.63 0.528 -5.836694 2.992825

y1854\_b1828 | -.6885014 1.934019 -0.36 0.722 -4.480148 3.103145

y1854\_b1829 | -1.312565 2.393482 -0.55 0.583 -6.00499 3.37986

y1854\_b1830 | -1.036161 1.579859 -0.66 0.512 -4.133477 2.061155

y1855\_b1826 | 4.896504 2.329238 2.10 0.036 .3300296 9.462978

y1855\_b1827 | .2434384 2.552393 0.10 0.924 -4.760531 5.247408

y1855\_b1828 | 2.366316 1.827813 1.29 0.196 -1.217114 5.949747

y1855\_b1829 | 1.379226 2.719525 0.51 0.612 -3.952407 6.710858

y1855\_b1830 | 1.483587 1.575325 0.94 0.346 -1.604839 4.572014

y1855\_b1831 | 3.394193 1.905317 1.78 0.075 -.3411846 7.12957

y1856\_b1827 | -4.001595 2.349861 -1.70 0.089 -8.608501 .6053105

y1856\_b1828 | -3.421734 1.938688 -1.76 0.078 -7.222535 .3790676

y1856\_b1829 | -4.40315 2.576369 -1.71 0.088 -9.454124 .6478247

y1856\_b1830 | -3.741268 1.692093 -2.21 0.027 -7.058618 -.4239178

y1856\_b1831 | -1.147541 1.603195 -0.72 0.474 -4.290607 1.995524

y1856\_b1832 | -5.899827 1.987638 -2.97 0.003 -9.796594 -2.00306

y1857\_b1828 | 2.2751 2.417489 0.94 0.347 -2.464391 7.01459

y1857\_b1829 | 2.065149 1.611667 1.28 0.200 -1.094526 5.224824

y1857\_b1830 | 2.315982 2.238449 1.03 0.301 -2.0725 6.704464

y1857\_b1831 | 4.19272 2.098282 2.00 0.046 .0790351 8.306404

y1857\_b1832 | .5791379 2.358968 0.25 0.806 -4.045622 5.203897

y1857\_b1833 | 5.538816 2.175495 2.55 0.011 1.273754 9.803877

y1858\_b1829 | -1.733377 2.50471 -0.69 0.489 -6.643864 3.17711

y1858\_b1830 | .3933333 1.017058 0.39 0.699 -1.600609 2.387276

y1858\_b1831 | -.3446726 1.909412 -0.18 0.857 -4.088078 3.398732

y1858\_b1832 | .0923314 1.533314 0.06 0.952 -2.913733 3.098396

y1858\_b1833 | 3.639851 1.626947 2.24 0.025 .4502201 6.829482

y1858\_b1834 | -.9714583 2.195918 -0.44 0.658 -5.276558 3.333641

y1859\_b1830 | -.5687757 2.30256 -0.25 0.805 -5.082946 3.945395

y1859\_b1831 | 1.779329 2.248792 0.79 0.429 -2.629429 6.188088

y1859\_b1832 | -.6551943 2.54916 -0.26 0.797 -5.652825 4.342436

y1859\_b1833 | 4.318186 2.259728 1.91 0.056 -.1120138 8.748387

y1859\_b1834 | -1.415313 1.399974 -1.01 0.312 -4.159963 1.329337

y1859\_b1835 | 1.215094 2.256146 0.54 0.590 -3.208083 5.638271

y1860\_b1831 | 2.143105 1.366861 1.57 0.117 -.5366269 4.822837

y1860\_b1832 | -1.48878 1.299446 -1.15 0.252 -4.036345 1.058786

y1860\_b1833 | 3.096518 1.506996 2.05 0.040 .14205 6.050986

y1860\_b1834 | -3.120982 2.078696 -1.50 0.133 -7.196268 .9543032

y1860\_b1836 | .0049794 2.15515 0.00 0.998 -4.220195 4.230153

y1861\_b1836 | -1.774038 2.117936 -0.84 0.402 -5.926254 2.378177

\_cons | 66.85903 5.296205 12.62 0.000 56.47581 77.24224

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1806\_b1778 = 0

( 2) y1806\_b1780 = 0

( 3) y1807\_b1781 = 0

( 4) y1807\_b1782 = 0

( 5) y1807\_b1783 = 0

( 6) y1808\_b1780 = 0

( 7) y1809\_b1781 = 0

( 8) y1809\_b1782 = 0

( 9) y1809\_b1783 = 0

(10) y1809\_b1784 = 0

(11) y1810\_b1786 = 0

(12) y1811\_b1784 = 0

(13) y1811\_b1785 = 0

(14) y1811\_b1786 = 0

(15) y1811\_b1787 = 0

(16) y1812\_b1788 = 0

(17) y1813\_b1788 = 0

(18) y1813\_b1789 = 0

(19) y1814\_b1788 = 0

(20) y1814\_b1789 = 0

(21) y1814\_b1790 = 0

(22) y1815\_b1786 = 0

(23) y1815\_b1787 = 0

(24) y1815\_b1788 = 0

(25) y1815\_b1789 = 0

(26) y1815\_b1790 = 0

(27) y1815\_b1791 = 0

(28) y1816\_b1787 = 0

(29) y1816\_b1788 = 0

(30) y1816\_b1789 = 0

(31) y1816\_b1791 = 0

(32) y1816\_b1792 = 0

(33) y1817\_b1789 = 0

(34) y1817\_b1792 = 0

(35) y1817\_b1793 = 0

(36) y1818\_b1789 = 0

(37) y1818\_b1793 = 0

(38) y1818\_b1794 = 0

(39) y1819\_b1791 = 0

(40) y1819\_b1793 = 0

(41) y1819\_b1794 = 0

(42) y1819\_b1795 = 0

(43) y1820\_b1792 = 0

(44) y1820\_b1793 = 0

(45) y1820\_b1795 = 0

(46) y1820\_b1796 = 0

(47) y1821\_b1792 = 0

(48) y1821\_b1793 = 0

(49) y1821\_b1795 = 0

(50) y1821\_b1796 = 0

(51) y1822\_b1794 = 0

(52) y1822\_b1795 = 0

(53) y1822\_b1796 = 0

(54) y1822\_b1797 = 0

(55) y1823\_b1794 = 0

(56) y1823\_b1795 = 0

(57) y1823\_b1796 = 0

(58) y1823\_b1797 = 0

(59) y1823\_b1798 = 0

(60) y1823\_b1799 = 0

(61) y1824\_b1795 = 0

(62) y1824\_b1796 = 0

(63) y1824\_b1798 = 0

(64) y1824\_b1799 = 0

(65) y1824\_b1800 = 0

(66) y1825\_b1796 = 0

(67) y1825\_b1797 = 0

(68) y1825\_b1799 = 0

(69) y1825\_b1800 = 0

(70) y1825\_b1801 = 0

(71) y1826\_b1798 = 0

(72) y1826\_b1799 = 0

(73) y1826\_b1800 = 0

(74) y1826\_b1801 = 0

(75) y1826\_b1802 = 0

(76) y1827\_b1798 = 0

(77) y1827\_b1799 = 0

(78) y1827\_b1800 = 0

(79) y1827\_b1801 = 0

(80) y1827\_b1802 = 0

(81) y1827\_b1803 = 0

(82) y1828\_b1800 = 0

(83) y1828\_b1802 = 0

(84) y1828\_b1803 = 0

(85) y1828\_b1804 = 0

(86) y1829\_b1800 = 0

(87) y1829\_b1801 = 0

(88) y1829\_b1803 = 0

(89) y1829\_b1804 = 0

(90) y1829\_b1805 = 0

(91) y1830\_b1801 = 0

(92) y1830\_b1802 = 0

(93) y1830\_b1803 = 0

(94) y1830\_b1804 = 0

(95) y1830\_b1805 = 0

(96) y1830\_b1806 = 0

(97) y1831\_b1802 = 0

(98) y1831\_b1803 = 0

(99) y1831\_b1804 = 0

(100) y1831\_b1805 = 0

(101) y1831\_b1806 = 0

(102) y1831\_b1807 = 0

(103) y1832\_b1803 = 0

(104) y1832\_b1804 = 0

(105) y1832\_b1805 = 0

(106) y1832\_b1806 = 0

(107) y1832\_b1807 = 0

(108) y1832\_b1808 = 0

(109) y1833\_b1805 = 0

(110) y1833\_b1806 = 0

(111) y1833\_b1807 = 0

(112) y1833\_b1808 = 0

(113) y1833\_b1809 = 0

(114) y1834\_b1807 = 0

(115) y1834\_b1809 = 0

(116) y1834\_b1810 = 0

(117) y1835\_b1806 = 0

(118) y1835\_b1807 = 0

(119) y1835\_b1808 = 0

(120) y1835\_b1809 = 0

(121) y1835\_b1810 = 0

(122) y1835\_b1811 = 0

(123) y1836\_b1808 = 0

(124) y1836\_b1809 = 0

(125) y1836\_b1810 = 0

(126) y1836\_b1811 = 0

(127) y1836\_b1812 = 0

(128) y1837\_b1808 = 0

(129) y1837\_b1809 = 0

(130) y1837\_b1810 = 0

(131) y1837\_b1811 = 0

(132) y1837\_b1812 = 0

(133) y1837\_b1813 = 0

(134) y1838\_b1810 = 0

(135) y1838\_b1811 = 0

(136) y1838\_b1812 = 0

(137) y1838\_b1814 = 0

(138) y1839\_b1811 = 0

(139) y1839\_b1812 = 0

(140) y1839\_b1813 = 0

(141) y1839\_b1814 = 0

(142) y1839\_b1815 = 0

(143) y1840\_b1812 = 0

(144) y1840\_b1813 = 0

(145) y1840\_b1814 = 0

(146) y1840\_b1815 = 0

(147) y1840\_b1816 = 0

(148) y1841\_b1814 = 0

(149) y1841\_b1815 = 0

(150) y1841\_b1816 = 0

(151) y1841\_b1817 = 0

(152) y1842\_b1814 = 0

(153) y1842\_b1816 = 0

(154) y1842\_b1817 = 0

(155) y1842\_b1818 = 0

(156) y1843\_b1815 = 0

(157) y1843\_b1816 = 0

(158) y1843\_b1817 = 0

(159) y1843\_b1818 = 0

(160) y1843\_b1819 = 0

(161) y1844\_b1816 = 0

(162) y1844\_b1817 = 0

(163) y1844\_b1818 = 0

(164) y1844\_b1819 = 0

(165) y1844\_b1820 = 0

(166) y1845\_b1816 = 0

(167) y1845\_b1817 = 0

(168) y1845\_b1818 = 0

(169) y1845\_b1819 = 0

(170) y1845\_b1820 = 0

(171) y1845\_b1821 = 0

(172) y1846\_b1817 = 0

(173) y1846\_b1818 = 0

(174) y1846\_b1819 = 0

(175) y1846\_b1820 = 0

(176) y1846\_b1821 = 0

(177) y1846\_b1822 = 0

(178) y1847\_b1818 = 0

(179) y1847\_b1819 = 0

(180) y1847\_b1820 = 0

(181) y1847\_b1821 = 0

(182) y1847\_b1822 = 0

(183) y1847\_b1823 = 0

(184) y1848\_b1820 = 0

(185) y1848\_b1821 = 0

(186) y1848\_b1822 = 0

(187) y1848\_b1823 = 0

(188) y1848\_b1824 = 0

(189) y1849\_b1821 = 0

(190) y1849\_b1822 = 0

(191) y1849\_b1823 = 0

(192) y1849\_b1824 = 0

(193) y1849\_b1825 = 0

(194) y1850\_b1821 = 0

(195) y1850\_b1822 = 0

(196) y1850\_b1823 = 0

(197) y1850\_b1824 = 0

(198) y1850\_b1825 = 0

(199) y1850\_b1826 = 0

(200) y1851\_b1822 = 0

(201) y1851\_b1823 = 0

(202) y1851\_b1824 = 0

(203) y1851\_b1825 = 0

(204) y1851\_b1826 = 0

(205) y1851\_b1827 = 0

(206) y1852\_b1823 = 0

(207) y1852\_b1824 = 0

(208) y1852\_b1825 = 0

(209) y1852\_b1826 = 0

(210) y1852\_b1827 = 0

(211) y1852\_b1828 = 0

(212) y1853\_b1824 = 0

(213) y1853\_b1825 = 0

(214) y1853\_b1826 = 0

(215) y1853\_b1827 = 0

(216) y1853\_b1828 = 0

(217) y1853\_b1829 = 0

(218) y1854\_b1826 = 0

(219) y1854\_b1827 = 0

(220) y1854\_b1828 = 0

(221) y1854\_b1829 = 0

(222) y1854\_b1830 = 0

(223) y1855\_b1826 = 0

(224) y1855\_b1827 = 0

(225) y1855\_b1828 = 0

(226) y1855\_b1829 = 0

(227) y1855\_b1830 = 0

(228) y1855\_b1831 = 0

(229) y1856\_b1827 = 0

(230) y1856\_b1828 = 0

(231) y1856\_b1829 = 0

(232) y1856\_b1830 = 0

(233) y1856\_b1831 = 0

(234) y1856\_b1832 = 0

(235) y1857\_b1828 = 0

(236) y1857\_b1829 = 0

(237) y1857\_b1830 = 0

(238) y1857\_b1831 = 0

(239) y1857\_b1832 = 0

(240) y1857\_b1833 = 0

(241) y1858\_b1829 = 0

(242) y1858\_b1830 = 0

(243) y1858\_b1831 = 0

(244) y1858\_b1832 = 0

(245) y1858\_b1833 = 0

(246) y1858\_b1834 = 0

(247) y1859\_b1830 = 0

(248) y1859\_b1831 = 0

(249) y1859\_b1832 = 0

(250) y1859\_b1833 = 0

(251) y1859\_b1834 = 0

(252) y1859\_b1835 = 0

(253) y1860\_b1831 = 0

(254) y1860\_b1832 = 0

(255) y1860\_b1833 = 0

(256) y1860\_b1834 = 0

(257) y1860\_b1836 = 0

(258) y1861\_b1836 = 0

F(258, 4417) = 1.20

Prob > F = 0.0182

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff , robust

Linear regression Number of obs = 4797

F(379, 4417) = 1.45

Prob > F = 0.0000

R-squared = 0.0830

Root MSE = 2.7351

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1778 | -.0375 1.581748 -0.02 0.981 -3.138519 3.063519

by\_1779 | -2.376078 4.983161 -0.48 0.634 -12.14557 7.393414

by\_1780 | -2.196941 4.980683 -0.44 0.659 -11.96158 7.567693

by\_1781 | .9268099 5.112477 0.18 0.856 -9.096208 10.94983

by\_1782 | -2.359029 5.089683 -0.46 0.643 -12.33736 7.619301

by\_1783 | -2.947309 5.028879 -0.59 0.558 -12.80643 6.911814

by\_1784 | .0397727 1.250897 0.03 0.975 -2.412612 2.492157

by\_1785 | -1.936518 4.886073 -0.40 0.692 -11.51567 7.642635

by\_1786 | -3.880192 4.675728 -0.83 0.407 -13.04696 5.286577

by\_1787 | -2.966172 4.93642 -0.60 0.548 -12.64403 6.711685

by\_1788 | .3643099 4.724553 0.08 0.939 -8.898183 9.626802

by\_1789 | -1.493561 1.788302 -0.84 0.404 -4.999528 2.012407

by\_1790 | -2.738975 4.765367 -0.57 0.565 -12.08148 6.603533

by\_1791 | -5.74495 4.803227 -1.20 0.232 -15.16168 3.671782

by\_1792 | -1.242074 4.735404 -0.26 0.793 -10.52584 8.041692

by\_1793 | -.7006469 4.580588 -0.15 0.878 -9.680896 8.279602

by\_1794 | -.9527791 4.720302 -0.20 0.840 -10.20694 8.301378

by\_1795 | .8553813 4.490352 0.19 0.849 -7.947959 9.658722

by\_1796 | -2.495833 2.078069 -1.20 0.230 -6.56989 1.578223

by\_1797 | -2.122309 4.571954 -0.46 0.643 -11.08563 6.841013

by\_1798 | -7.187257 4.514396 -1.59 0.111 -16.03774 1.663222

by\_1799 | -1.137907 4.630627 -0.25 0.806 -10.21626 7.940443

by\_1800 | -.6350219 4.36204 -0.15 0.884 -9.186807 7.916764

by\_1801 | -.59389 4.575477 -0.13 0.897 -9.564118 8.376338

by\_1802 | .4268099 4.214558 0.10 0.919 -7.835837 8.689456

by\_1803 | -1.245833 2.691726 -0.46 0.644 -6.522966 4.031299

by\_1804 | -1.118462 4.449071 -0.25 0.802 -9.840872 7.603947

by\_1805 | -6.035014 4.390553 -1.37 0.169 -14.6427 2.572671

by\_1806 | .7475098 4.487889 0.17 0.868 -8.051003 9.546022

by\_1807 | -3.166272 4.154172 -0.76 0.446 -11.31053 4.977987

by\_1808 | -.5556549 4.481783 -0.12 0.901 -9.342196 8.230886

by\_1809 | 1.749242 4.154919 0.42 0.674 -6.396481 9.894966

by\_1810 | -1.947756 3.042028 -0.64 0.522 -7.911655 4.016143

by\_1811 | -.0004069 4.266986 -0.00 1.000 -8.365838 8.365024

by\_1812 | -6.762792 4.232675 -1.60 0.110 -15.06096 1.535373

by\_1813 | 1.59126 4.290228 0.37 0.711 -6.819738 10.00226

by\_1814 | -3.367165 4.079467 -0.83 0.409 -11.36496 4.630635

by\_1815 | -.3028771 4.360619 -0.07 0.945 -8.851877 8.246123

by\_1816 | -.459091 3.951255 -0.12 0.908 -8.20553 7.287348

by\_1817 | -1.428526 3.19331 -0.45 0.655 -7.689013 4.831962

by\_1818 | -1.33374 4.109148 -0.32 0.746 -9.389729 6.722249

by\_1819 | -6.957236 4.026469 -1.73 0.084 -14.85113 .936661

by\_1820 | -.4026373 4.142957 -0.10 0.923 -8.524909 7.719635

by\_1821 | -1.76234 3.9615 -0.44 0.656 -9.528866 6.004186

by\_1822 | .3637896 4.201087 0.09 0.931 -7.872447 8.600026

by\_1823 | -.2553873 3.783236 -0.07 0.946 -7.672426 7.161651

by\_1824 | -2.686115 3.329678 -0.81 0.420 -9.213952 3.841722

by\_1825 | -.331764 4.023797 -0.08 0.934 -8.220422 7.556894

by\_1826 | -4.672712 3.802403 -1.23 0.219 -12.12733 2.781904

by\_1827 | .1270196 4.031345 0.03 0.975 -7.776436 8.030475

by\_1828 | -.7814135 3.843815 -0.20 0.839 -8.317218 6.754391

by\_1829 | -.4205854 4.110983 -0.10 0.919 -8.480172 7.639001

by\_1830 | -.9056292 3.719223 -0.24 0.808 -8.19717 6.385912

by\_1831 | -2.30929 3.452444 -0.67 0.504 -9.07781 4.45923

by\_1832 | .5731506 3.827462 0.15 0.881 -6.930592 8.076894

by\_1833 | -4.902147 3.705184 -1.32 0.186 -12.16616 2.36187

by\_1834 | .9603529 3.974503 0.24 0.809 -6.831664 8.75237

by\_1835 | -1.412296 3.710161 -0.38 0.703 -8.686071 5.861479

by\_1836 | -.9281086 4.029622 -0.23 0.818 -8.828188 6.971971

by\_1837 | -.9208971 3.661965 -0.25 0.801 -8.100184 6.25839

by\_1838 | -1.181314 3.732844 -0.32 0.752 -8.499559 6.136932

by\_1839 | -1.439647 4.034708 -0.36 0.721 -9.349697 6.470403

by\_1840 | -.7896471 3.995623 -0.20 0.843 -8.623071 7.043777

by\_1841 | .4909709 5.408614 0.09 0.928 -10.11262 11.09457

yr\_1807 | .0784709 5.24306 0.01 0.988 -10.20056 10.3575

yr\_1808 | 2.83828 5.519829 0.51 0.607 -7.983353 13.65991

yr\_1809 | .6132032 5.227584 0.12 0.907 -9.635481 10.86189

yr\_1810 | 2.357143 1.872118 1.26 0.208 -1.313147 6.027432

yr\_1811 | .714161 5.075705 0.14 0.888 -9.236765 10.66509

yr\_1812 | 1.301198 5.03845 0.26 0.796 -8.576689 11.17909

yr\_1813 | 3.08828 5.082348 0.61 0.543 -6.875669 13.05223

yr\_1814 | 7.064492 5.254686 1.34 0.179 -3.237326 17.36631

yr\_1815 | 1.133044 5.059609 0.22 0.823 -8.786324 11.05241

yr\_1816 | 1.921163 4.937517 0.39 0.697 -7.758844 11.60117

yr\_1817 | 2 2.337808 0.86 0.392 -2.583275 6.583275

yr\_1818 | .5980895 4.915537 0.12 0.903 -9.038826 10.23501

yr\_1819 | 2.534531 4.93944 0.51 0.608 -7.149248 12.21831

yr\_1820 | 2.58828 4.914552 0.53 0.598 -7.046705 12.22326

yr\_1821 | 6.135921 4.829773 1.27 0.204 -3.332856 15.6047

yr\_1822 | 1.320544 4.941485 0.27 0.789 -8.367243 11.00833

yr\_1823 | 1.075993 4.743819 0.23 0.821 -8.22427 10.37626

yr\_1824 | 2.49375 2.60419 0.96 0.338 -2.611767 7.599267

yr\_1825 | -.2144105 4.710589 -0.05 0.964 -9.449526 9.020705

yr\_1826 | 2.136804 4.755805 0.45 0.653 -7.186957 11.46057

yr\_1827 | 2.359433 4.804542 0.49 0.623 -7.059876 11.77874

yr\_1828 | 7.099062 4.764833 1.49 0.136 -2.2424 16.44052

yr\_1829 | 1.153878 4.819323 0.24 0.811 -8.29441 10.60217

yr\_1830 | 3.307243 4.56687 0.72 0.469 -5.646111 12.2606

yr\_1831 | -.2433742 2.743455 -0.09 0.929 -5.621921 5.135172

yr\_1832 | -.925839 4.488978 -0.21 0.837 -9.726485 7.874807

yr\_1833 | 2.261804 4.411676 0.51 0.608 -6.387291 10.9109

yr\_1834 | .2872111 4.643015 0.06 0.951 -8.815426 9.389849

yr\_1835 | 7.828762 4.641004 1.69 0.092 -1.269931 16.92746

yr\_1836 | -.8565389 4.623304 -0.19 0.853 -9.920531 8.207454

yr\_1837 | 3.414386 4.447714 0.77 0.443 -5.305363 12.13413

yr\_1838 | 1.752181 2.963826 0.59 0.554 -4.058402 7.562765

yr\_1839 | .7250619 4.322049 0.17 0.867 -7.74832 9.198444

yr\_1840 | 2.550266 4.282114 0.60 0.551 -5.844824 10.94536

yr\_1841 | -.0252889 4.468923 -0.01 0.995 -8.786617 8.736039

yr\_1842 | 7.403762 4.441762 1.67 0.096 -1.304317 16.11184

yr\_1843 | 1.371733 3.855936 0.36 0.722 -6.187835 8.931301

yr\_1844 | 3.416469 4.340232 0.79 0.431 -5.09256 11.9255

yr\_1845 | -.3478187 3.14943 -0.11 0.912 -6.522281 5.826643

yr\_1846 | .8500619 4.195843 0.20 0.839 -7.375893 9.076017

yr\_1847 | 2.991372 4.151049 0.72 0.471 -5.146765 11.12951

yr\_1848 | .6792566 4.37061 0.16 0.877 -7.889329 9.247842

yr\_1849 | 6.998207 4.182713 1.67 0.094 -1.202008 15.19842

yr\_1850 | .2347846 3.722983 0.06 0.950 -7.064128 7.533697

yr\_1851 | 1.421168 4.205948 0.34 0.735 -6.824599 9.666935

yr\_1852 | .1365563 3.291486 0.04 0.967 -6.316406 6.589518

yr\_1853 | 1.591813 4.087078 0.39 0.697 -6.420909 9.604535

yr\_1854 | 2.535886 4.045364 0.63 0.531 -5.395055 10.46683

yr\_1855 | -.2494874 4.211861 -0.06 0.953 -8.506846 8.007871

yr\_1856 | 5.194118 4.080809 1.27 0.203 -2.806312 13.19455

yr\_1857 | -.5693821 3.661069 -0.16 0.876 -7.746912 6.608148

yr\_1858 | 1.128267 4.093068 0.28 0.783 -6.896198 9.152732

yr\_1859 | .9209313 3.398757 0.27 0.786 -5.742335 7.584198

yr\_1860 | 1.3766 4.029297 0.34 0.733 -6.522842 9.276042

yr\_1861 | 2.093118 3.919969 0.53 0.593 -5.591987 9.778223

yr\_1862 | 1.026154 4.051896 0.25 0.800 -6.917592 8.9699

yr\_1863 | 1.530618 3.563175 0.43 0.668 -5.454991 8.516227

y1806\_b1778 | .0118042 5.449586 0.00 0.998 -10.67212 10.69572

y1806\_b1780 | 1.337912 2.554522 0.52 0.600 -3.670232 6.346056

y1807\_b1781 | -.7643099 5.068985 -0.15 0.880 -10.70206 9.173442

y1807\_b1782 | 2.140279 5.069255 0.42 0.673 -7.798001 12.07856

y1807\_b1783 | 3.259809 5.076624 0.64 0.521 -6.692918 13.21254

y1808\_b1780 | 1.388521 5.344644 0.26 0.795 -9.08966 11.8667

y1809\_b1781 | -2.732376 4.961976 -0.55 0.582 -12.46034 6.995584

y1809\_b1782 | 2.154654 5.071947 0.42 0.671 -7.788904 12.09821

y1809\_b1783 | 3.796505 3.985329 0.95 0.341 -4.016737 11.60975

y1809\_b1784 | .487995 4.887178 0.10 0.920 -9.093323 10.06931

y1810\_b1786 | .7711632 4.710867 0.16 0.870 -8.464497 10.00682

y1811\_b1784 | -1.25582 4.73889 -0.27 0.791 -10.54642 8.034779

y1811\_b1785 | 2.641106 4.571906 0.58 0.564 -6.322122 11.60433

y1811\_b1786 | 3.657002 4.261922 0.86 0.391 -4.698502 12.01251

y1811\_b1787 | 1.736732 4.896457 0.35 0.723 -7.862779 11.33624

y1812\_b1788 | -.9828705 4.579872 -0.21 0.830 -9.961715 7.995974

y1813\_b1788 | -3.783841 4.37408 -0.87 0.387 -12.35923 4.791549

y1813\_b1789 | .1295853 4.562016 0.03 0.977 -8.814253 9.073423

y1814\_b1788 | -5.537831 4.780158 -1.16 0.247 -14.90934 3.833675

y1814\_b1789 | -4.179961 4.81722 -0.87 0.386 -13.62413 5.264205

y1814\_b1790 | -3.351213 4.786488 -0.70 0.484 -12.73513 6.032703

y1815\_b1786 | 1.888119 4.265367 0.44 0.658 -6.474138 10.25038

y1815\_b1787 | 2.411598 4.724242 0.51 0.610 -6.850283 11.67348

y1815\_b1788 | -1.137634 4.499766 -0.25 0.800 -9.959431 7.684164

y1815\_b1789 | 1.07841 4.545242 0.24 0.812 -7.832542 9.989363

y1815\_b1790 | 2.530235 3.379876 0.75 0.454 -4.096016 9.156486

y1815\_b1791 | 7.409126 4.627528 1.60 0.109 -1.663149 16.4814

y1816\_b1787 | 1.400265 4.616983 0.30 0.762 -7.651335 10.45187

y1816\_b1788 | -3.894502 4.217761 -0.92 0.356 -12.16343 4.374424

y1816\_b1789 | 2.013368 4.370747 0.46 0.645 -6.555487 10.58222

y1816\_b1791 | 6.214757 4.479904 1.39 0.165 -2.5681 14.99761

y1816\_b1792 | -1.413119 4.327685 -0.33 0.744 -9.897551 7.071313

y1817\_b1789 | -.8654685 4.496358 -0.19 0.847 -9.680583 7.949646

y1817\_b1792 | -1.648206 4.559342 -0.36 0.718 -10.5868 7.290389

y1817\_b1793 | -2.358382 4.363186 -0.54 0.589 -10.91241 6.19565

y1818\_b1789 | 1.536442 4.418147 0.35 0.728 -7.12534 10.19822

y1818\_b1793 | .1324171 4.150332 0.03 0.975 -8.004313 8.269147

y1818\_b1794 | -.4820666 4.462149 -0.11 0.914 -9.230114 8.265981

y1819\_b1791 | 3.051389 4.496358 0.68 0.497 -5.763726 11.8665

y1819\_b1793 | .1820863 4.194413 0.04 0.965 -8.041065 8.405238

y1819\_b1794 | -.8638584 4.3729 -0.20 0.843 -9.436934 7.709217

y1819\_b1795 | -3.298942 4.07838 -0.81 0.419 -11.29461 4.696727

y1820\_b1792 | -2.205235 3.164163 -0.70 0.486 -8.40858 3.99811

y1820\_b1793 | .8533383 4.205705 0.20 0.839 -7.391951 9.098628

y1820\_b1795 | -3.643599 3.950154 -0.92 0.356 -11.38788 4.100682

y1820\_b1796 | 1.798525 4.272861 0.42 0.674 -6.578424 10.17547

y1821\_b1792 | -5.402876 4.40868 -1.23 0.220 -14.0461 3.240346

y1821\_b1793 | -5.115731 4.263551 -1.20 0.230 -13.47443 3.242966

y1821\_b1795 | -4.975331 4.040647 -1.23 0.218 -12.89702 2.946362

y1821\_b1796 | -1.768347 4.070869 -0.43 0.664 -9.749292 6.212597

y1822\_b1794 | 1.960706 4.372169 0.45 0.654 -6.610937 10.53235

y1822\_b1795 | -2.618288 4.006172 -0.65 0.513 -10.47239 5.235816

y1822\_b1796 | .9829264 4.286482 0.23 0.819 -7.420728 9.38658

y1822\_b1797 | -.682265 3.024256 -0.23 0.822 -6.611322 5.246792

y1823\_b1794 | 1.267757 4.168458 0.30 0.761 -6.90451 9.440024

y1823\_b1795 | -2.240403 3.619976 -0.62 0.536 -9.33737 4.856564

y1823\_b1796 | -.3298136 4.091363 -0.08 0.936 -8.350935 7.691308

y1823\_b1797 | .8622867 3.804868 0.23 0.821 -6.597162 8.321736

y1823\_b1798 | 6.698664 3.881757 1.73 0.084 -.9115254 14.30885

y1823\_b1799 | .8392487 3.83116 0.22 0.827 -6.671745 8.350242

y1824\_b1795 | -2.27066 4.079303 -0.56 0.578 -10.26814 5.726817

y1824\_b1796 | 1.393054 4.14616 0.34 0.737 -6.735497 9.521606

y1824\_b1798 | 5.584478 4.083737 1.37 0.172 -2.421692 13.59065

y1824\_b1799 | -.6037611 4.260057 -0.14 0.887 -8.955609 7.748087

y1824\_b1800 | -1.899575 3.940048 -0.48 0.630 -9.624044 5.824893

y1825\_b1796 | 2.101215 4.037004 0.52 0.603 -5.813337 10.01577

y1825\_b1797 | 3.334833 3.7722 0.88 0.377 -4.06057 10.73024

y1825\_b1799 | 2.326622 3.797119 0.61 0.540 -5.117635 9.770878

y1825\_b1800 | .6494941 3.472905 0.19 0.852 -6.15914 7.458128

y1825\_b1801 | .9180214 3.93458 0.23 0.816 -6.795728 8.631771

y1826\_b1798 | 5.024757 4.037348 1.24 0.213 -2.890468 12.93998

y1826\_b1799 | -1.19126 4.093408 -0.29 0.771 -9.216391 6.833872

y1826\_b1800 | -1.798311 3.74784 -0.48 0.631 -9.145955 5.549332

y1826\_b1801 | -.8769433 4.031988 -0.22 0.828 -8.781661 7.027774

y1826\_b1802 | -.5726433 3.555686 -0.16 0.872 -7.543569 6.398283

y1827\_b1798 | 4.868795 4.123406 1.18 0.238 -3.215147 12.95274

y1827\_b1799 | -.009127 2.84644 -0.00 0.997 -5.589575 5.571321

y1827\_b1800 | -.0477263 3.640391 -0.01 0.990 -7.184718 7.089265

y1827\_b1801 | -1.155822 4.071934 -0.28 0.777 -9.138854 6.827209

y1827\_b1802 | -2.091701 3.410552 -0.61 0.540 -8.778092 4.594691

y1827\_b1803 | -.1392958 3.714511 -0.04 0.970 -7.4216 7.143008

y1828\_b1800 | -5.130761 3.745127 -1.37 0.171 -12.47309 2.211565

y1828\_b1802 | -8.324901 3.665384 -2.27 0.023 -15.51089 -1.138911

y1828\_b1803 | -4.712257 3.623198 -1.30 0.193 -11.81554 2.391026

y1828\_b1804 | -5.801167 3.862887 -1.50 0.133 -13.37436 1.772028

y1829\_b1800 | -1.652885 3.898756 -0.42 0.672 -9.296401 5.990631

y1829\_b1801 | .2173467 4.061288 0.05 0.957 -7.744814 8.179507

y1829\_b1803 | 1.399593 3.754481 0.37 0.709 -5.961072 8.760258

y1829\_b1804 | -.3111111 2.428203 -0.13 0.898 -5.071606 4.449384

y1829\_b1805 | 4.840289 3.875818 1.25 0.212 -2.758257 12.43883

y1830\_b1801 | -.9890485 3.992331 -0.25 0.804 -8.816018 6.837921

y1830\_b1802 | -2.686832 3.065466 -0.88 0.381 -8.696681 3.323017

y1830\_b1803 | -2.120439 3.380083 -0.63 0.530 -8.747096 4.506218

y1830\_b1804 | -2.797809 3.490437 -0.80 0.423 -9.640815 4.045196

y1830\_b1805 | 1.793742 3.571107 0.50 0.615 -5.207418 8.794902

y1830\_b1806 | -4.12532 3.440846 -1.20 0.231 -10.8711 2.620463

y1831\_b1802 | .2283685 3.68162 0.06 0.951 -6.989452 7.446189

y1831\_b1803 | 1.430178 3.761892 0.38 0.704 -5.945016 8.805373

y1831\_b1804 | .957353 3.931699 0.24 0.808 -6.750748 8.665454

y1831\_b1805 | 6.669359 3.919982 1.70 0.089 -1.01577 14.35449

y1831\_b1806 | .4582639 3.951916 0.12 0.908 -7.289472 8.206

y1831\_b1807 | 4.918264 3.567357 1.38 0.168 -2.075543 11.91207

y1832\_b1803 | 4.000143 3.343834 1.20 0.232 -2.555448 10.55573

y1832\_b1804 | 2.735272 3.286576 0.83 0.405 -3.708063 9.178608

y1832\_b1805 | 8.476824 3.413325 2.48 0.013 1.784996 15.16865

y1832\_b1806 | .6109668 3.326251 0.18 0.854 -5.910153 7.132087

y1832\_b1807 | 4.566415 2.784782 1.64 0.101 -.8931538 10.02598

y1832\_b1808 | 2.267202 3.539326 0.64 0.522 -4.671651 9.206055

y1833\_b1805 | 5.608625 3.303928 1.70 0.090 -.8687293 12.08598

y1833\_b1806 | -3.068343 3.569341 -0.86 0.390 -10.06604 3.929354

y1833\_b1807 | 1.972522 3.06925 0.64 0.520 -4.044747 7.98979

y1833\_b1808 | -1.002678 3.484488 -0.29 0.774 -7.834021 5.828664

y1833\_b1809 | -4.24053 3.108399 -1.36 0.173 -10.33455 1.85349

y1834\_b1807 | 1.495032 3.26779 0.46 0.647 -4.911475 7.901539

y1834\_b1809 | -1.895483 3.429028 -0.55 0.580 -8.618096 4.827131

y1834\_b1810 | 2.134849 3.290375 0.65 0.516 -4.315935 8.585634

y1835\_b1806 | -8.585301 4.092731 -2.10 0.036 -16.60911 -.5614965

y1835\_b1807 | -3.02152 3.421662 -0.88 0.377 -9.729693 3.686653

y1835\_b1808 | -7.291228 3.795825 -1.92 0.055 -14.73295 .1504923

y1835\_b1809 | -10.73703 3.908705 -2.75 0.006 -18.40005 -3.074013

y1835\_b1810 | -4.958785 3.249292 -1.53 0.127 -11.32903 1.411455

y1835\_b1811 | -6.99294 3.464239 -2.02 0.044 -13.78459 -.2012947

y1836\_b1808 | 3.886498 3.747002 1.04 0.300 -3.459503 11.2325

y1836\_b1809 | 1.289934 3.088215 0.42 0.676 -4.764515 7.344383

y1836\_b1810 | 3.195266 3.161698 1.01 0.312 -3.003247 9.393779

y1836\_b1811 | 2.164583 1.710885 1.27 0.206 -1.189609 5.518776

y1836\_b1812 | 8.085301 3.497588 2.31 0.021 1.228276 14.94233

y1837\_b1808 | -1.96776 3.529478 -0.56 0.577 -8.887307 4.951787

y1837\_b1809 | -5.345574 2.820933 -1.89 0.058 -10.87602 .184869

y1837\_b1810 | -.7006583 2.924024 -0.24 0.811 -6.43321 5.031893

y1837\_b1811 | -1.987294 3.317168 -0.60 0.549 -8.490606 4.516019

y1837\_b1812 | 4.376877 3.180845 1.38 0.169 -1.859173 10.61293

y1837\_b1813 | -4.70396 3.18597 -1.48 0.140 -10.95006 1.542137

y1838\_b1810 | .4407126 3.235913 0.14 0.892 -5.903299 6.784724

y1838\_b1811 | -2.517054 3.542405 -0.71 0.477 -9.461942 4.427835

y1838\_b1812 | 6.04047 3.559083 1.70 0.090 -.9371156 13.01806

y1838\_b1814 | 2.005954 3.399776 0.59 0.555 -4.659311 8.671219

y1839\_b1811 | .3935887 2.819903 0.14 0.889 -5.134834 5.922012

y1839\_b1812 | 7.714415 3.169524 2.43 0.015 1.500559 13.92827

y1839\_b1813 | -2.014636 2.811787 -0.72 0.474 -7.527148 3.497875

y1839\_b1814 | 3.987619 2.426864 1.64 0.100 -.7702514 8.74549

y1839\_b1815 | .7187861 3.215737 0.22 0.823 -5.58567 7.023242

y1840\_b1812 | 5.540997 3.023825 1.83 0.067 -.3872158 11.46921

y1840\_b1813 | -3.750555 3.11926 -1.20 0.229 -9.865868 2.364758

y1840\_b1814 | 2.124537 2.756961 0.77 0.441 -3.280488 7.529561

y1840\_b1815 | -2.043918 3.179854 -0.64 0.520 -8.278025 4.190189

y1840\_b1816 | -.7783289 2.590758 -0.30 0.764 -5.857514 4.300856

y1841\_b1814 | 4.783424 3.238179 1.48 0.140 -1.565029 11.13188

y1841\_b1815 | .0524702 3.398513 0.02 0.988 -6.610319 6.71526

y1841\_b1816 | -.3746493 2.728955 -0.14 0.891 -5.724769 4.97547

y1841\_b1817 | 1.742513 2.842858 0.61 0.540 -3.830914 7.31594

y1842\_b1814 | -4.312294 3.16082 -1.36 0.173 -10.50909 1.884498

y1842\_b1816 | -5.732272 2.869812 -2.00 0.046 -11.35854 -.106002

y1842\_b1817 | -5.909266 2.763499 -2.14 0.033 -11.32711 -.4914229

y1842\_b1818 | -6.658218 3.141163 -2.12 0.034 -12.81647 -.4999636

y1843\_b1815 | -.5372601 2.522799 -0.21 0.831 -5.48321 4.408689

y1843\_b1816 | .4470787 2.926965 0.15 0.879 -5.291239 6.185397

y1843\_b1817 | 1.718597 2.856293 0.60 0.547 -3.88117 7.318363

y1843\_b1818 | .2815494 3.121028 0.09 0.928 -5.837229 6.400328

y1843\_b1819 | 5.309807 3.065268 1.73 0.083 -.6996545 11.31927

y1844\_b1816 | -2.959264 2.574634 -1.15 0.250 -8.006837 2.088308

y1844\_b1817 | -.6969724 2.847107 -0.24 0.807 -6.278729 4.884784

y1844\_b1818 | -.4917578 2.817498 -0.17 0.861 -6.015466 5.03195

y1844\_b1819 | 4.8365 2.765186 1.75 0.080 -.5846511 10.25765

y1844\_b1820 | -3.150639 2.911668 -1.08 0.279 -8.858968 2.557691

y1845\_b1816 | -.4021195 3.088028 -0.13 0.896 -6.456202 5.651963

y1845\_b1817 | 2.375649 2.909662 0.82 0.414 -3.328748 8.080045

y1845\_b1818 | 2.461419 3.247133 0.76 0.448 -3.904589 8.827427

y1845\_b1819 | 8.517454 3.095771 2.75 0.006 2.448191 14.58672

y1845\_b1820 | 1.541427 2.261642 0.68 0.496 -2.892525 5.975379

y1845\_b1821 | 2.816919 2.965022 0.95 0.342 -2.99601 8.629849

y1846\_b1817 | 1.519435 2.513671 0.60 0.546 -3.40862 6.44749

y1846\_b1818 | 2.981792 2.421313 1.23 0.218 -1.765195 7.728779

y1846\_b1819 | 5.069574 2.99725 1.69 0.091 -.8065385 10.94569

y1846\_b1820 | 2.599796 2.923646 0.89 0.374 -3.132015 8.331608

y1846\_b1821 | 1.189613 1.958104 0.61 0.544 -2.649252 5.028478

y1846\_b1822 | -.3784361 2.729584 -0.14 0.890 -5.729789 4.972916

y1847\_b1818 | -2.64166 2.601521 -1.02 0.310 -7.741946 2.458625

y1847\_b1819 | 4.925585 2.381658 2.07 0.039 .256342 9.594829

y1847\_b1820 | -1.091994 2.550714 -0.43 0.669 -6.092671 3.908683

y1847\_b1821 | .3985467 2.278647 0.17 0.861 -4.068743 4.865836

y1847\_b1822 | -3.678476 2.651444 -1.39 0.165 -8.876636 1.519684

y1847\_b1823 | -1.539458 1.935191 -0.80 0.426 -5.333401 2.254486

y1848\_b1820 | 1.558796 3.007897 0.52 0.604 -4.338191 7.455783

y1848\_b1821 | 1.974054 2.421625 0.82 0.415 -2.773544 6.721653

y1848\_b1822 | .070147 3.133185 0.02 0.982 -6.072466 6.21276

y1848\_b1823 | -.9703984 2.109965 -0.46 0.646 -5.106988 3.166191

y1848\_b1824 | 3.279408 2.413182 1.36 0.174 -1.451639 8.010455

y1849\_b1821 | -3.376146 2.449905 -1.38 0.168 -8.179188 1.426896

y1849\_b1822 | -6.922692 2.811736 -2.46 0.014 -12.4351 -1.41028

y1849\_b1823 | -4.929974 2.004463 -2.46 0.014 -8.859726 -1.000222

y1849\_b1824 | -4.11755 1.999878 -2.06 0.040 -8.038313 -.1967863

y1849\_b1825 | -5.084296 2.424543 -2.10 0.036 -9.837616 -.3309756

y1850\_b1821 | 2.668526 2.682329 0.99 0.320 -2.590182 7.927235

y1850\_b1822 | .7188673 1.945481 0.37 0.712 -3.095251 4.532986

y1850\_b1823 | 1.27521 2.410532 0.53 0.597 -3.45064 6.00106

y1850\_b1824 | 3.207686 2.456288 1.31 0.192 -1.60787 8.023241

y1850\_b1825 | .9619086 2.739391 0.35 0.726 -4.408672 6.332489

y1850\_b1826 | 4.937232 2.481563 1.99 0.047 .0721241 9.80234

y1851\_b1822 | -1.943987 2.775451 -0.70 0.484 -7.385263 3.497289

y1851\_b1823 | -1.14981 1.766555 -0.65 0.515 -4.613143 2.313523

y1851\_b1824 | 2.127071 2.031458 1.05 0.295 -1.855604 6.109747

y1851\_b1825 | -.6317667 2.179536 -0.29 0.772 -4.90475 3.641216

y1851\_b1826 | 3.700848 2.085539 1.77 0.076 -.3878534 7.78955

y1851\_b1827 | -.731291 2.486073 -0.29 0.769 -5.605241 4.142659

y1852\_b1823 | .9905711 2.552202 0.39 0.698 -4.013024 5.994166

y1852\_b1824 | 3.529815 2.517686 1.40 0.161 -1.406112 8.465742

y1852\_b1825 | .3230206 2.888923 0.11 0.911 -5.340717 5.986758

y1852\_b1826 | 4.619434 2.554986 1.81 0.071 -.3896181 9.628487

y1852\_b1827 | -.1404622 1.724828 -0.08 0.935 -3.52199 3.241065

y1852\_b1828 | 1.273923 2.638624 0.48 0.629 -3.899102 6.446948

y1853\_b1824 | 2.790829 1.901314 1.47 0.142 -.9367 6.518357

y1853\_b1825 | -1.107714 1.93804 -0.57 0.568 -4.907244 2.691816

y1853\_b1826 | 3.71387 1.826986 2.03 0.042 .132063 7.295678

y1853\_b1827 | -1.427862 2.329356 -0.61 0.540 -5.994566 3.138843

y1853\_b1828 | -.0484607 1.384424 -0.04 0.972 -2.762626 2.665704

y1853\_b1829 | -.9317717 2.411795 -0.39 0.699 -5.660099 3.796556

y1854\_b1826 | 2.975166 1.771458 1.68 0.093 -.4977806 6.448112

y1854\_b1827 | -1.421935 2.251853 -0.63 0.528 -5.836694 2.992825

y1854\_b1828 | -.6885014 1.934019 -0.36 0.722 -4.480148 3.103145

y1854\_b1829 | -1.312565 2.393482 -0.55 0.583 -6.00499 3.37986

y1854\_b1830 | -1.036161 1.579859 -0.66 0.512 -4.133477 2.061155

y1855\_b1826 | 4.896504 2.329238 2.10 0.036 .3300296 9.462978

y1855\_b1827 | .2434384 2.552393 0.10 0.924 -4.760531 5.247408

y1855\_b1828 | 2.366316 1.827813 1.29 0.196 -1.217114 5.949747

y1855\_b1829 | 1.379226 2.719525 0.51 0.612 -3.952407 6.710858

y1855\_b1830 | 1.483587 1.575325 0.94 0.346 -1.604839 4.572014

y1855\_b1831 | 3.394193 1.905317 1.78 0.075 -.3411846 7.12957

y1856\_b1827 | -4.001595 2.349861 -1.70 0.089 -8.608501 .6053105

y1856\_b1828 | -3.421734 1.938688 -1.76 0.078 -7.222535 .3790676

y1856\_b1829 | -4.40315 2.576369 -1.71 0.088 -9.454124 .6478247

y1856\_b1830 | -3.741268 1.692093 -2.21 0.027 -7.058618 -.4239178

y1856\_b1831 | -1.147541 1.603195 -0.72 0.474 -4.290607 1.995524

y1856\_b1832 | -5.899827 1.987638 -2.97 0.003 -9.796594 -2.00306

y1857\_b1828 | 2.2751 2.417489 0.94 0.347 -2.464391 7.01459

y1857\_b1829 | 2.065149 1.611667 1.28 0.200 -1.094526 5.224824

y1857\_b1830 | 2.315982 2.238449 1.03 0.301 -2.0725 6.704464

y1857\_b1831 | 4.19272 2.098282 2.00 0.046 .0790351 8.306404

y1857\_b1832 | .5791379 2.358968 0.25 0.806 -4.045622 5.203897

y1857\_b1833 | 5.538816 2.175495 2.55 0.011 1.273754 9.803877

y1858\_b1829 | -1.733377 2.50471 -0.69 0.489 -6.643864 3.17711

y1858\_b1830 | .3933333 1.017058 0.39 0.699 -1.600609 2.387276

y1858\_b1831 | -.3446726 1.909412 -0.18 0.857 -4.088078 3.398732

y1858\_b1832 | .0923314 1.533314 0.06 0.952 -2.913733 3.098396

y1858\_b1833 | 3.639851 1.626947 2.24 0.025 .4502201 6.829482

y1858\_b1834 | -.9714583 2.195918 -0.44 0.658 -5.276558 3.333641

y1859\_b1830 | -.5687757 2.30256 -0.25 0.805 -5.082946 3.945395

y1859\_b1831 | 1.779329 2.248792 0.79 0.429 -2.629429 6.188088

y1859\_b1832 | -.6551943 2.54916 -0.26 0.797 -5.652825 4.342436

y1859\_b1833 | 4.318186 2.259728 1.91 0.056 -.1120138 8.748387

y1859\_b1834 | -1.415313 1.399974 -1.01 0.312 -4.159963 1.329337

y1859\_b1835 | 1.215094 2.256146 0.54 0.590 -3.208083 5.638271

y1860\_b1831 | 2.143105 1.366861 1.57 0.117 -.5366269 4.822837

y1860\_b1832 | -1.48878 1.299446 -1.15 0.252 -4.036345 1.058786

y1860\_b1833 | 3.096518 1.506996 2.05 0.040 .14205 6.050986

y1860\_b1834 | -3.120982 2.078696 -1.50 0.133 -7.196268 .9543032

y1860\_b1836 | .0049794 2.15515 0.00 0.998 -4.220195 4.230153

y1861\_b1836 | -1.774038 2.117936 -0.84 0.402 -5.926254 2.378177

\_cons | 66.85903 5.296205 12.62 0.000 56.47581 77.24224

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1806\_b1778 = 0

( 2) y1806\_b1780 = 0

( 3) y1807\_b1781 = 0

( 4) y1807\_b1782 = 0

( 5) y1807\_b1783 = 0

( 6) y1808\_b1780 = 0

( 7) y1809\_b1781 = 0

( 8) y1809\_b1782 = 0

( 9) y1809\_b1783 = 0

(10) y1809\_b1784 = 0

(11) y1810\_b1786 = 0

(12) y1811\_b1784 = 0

(13) y1811\_b1785 = 0

(14) y1811\_b1786 = 0

(15) y1811\_b1787 = 0

(16) y1812\_b1788 = 0

(17) y1813\_b1788 = 0

(18) y1813\_b1789 = 0

(19) y1814\_b1788 = 0

(20) y1814\_b1789 = 0

(21) y1814\_b1790 = 0

(22) y1815\_b1786 = 0

(23) y1815\_b1787 = 0

(24) y1815\_b1788 = 0

(25) y1815\_b1789 = 0

(26) y1815\_b1790 = 0

(27) y1815\_b1791 = 0

(28) y1816\_b1787 = 0

(29) y1816\_b1788 = 0

(30) y1816\_b1789 = 0

(31) y1816\_b1791 = 0

(32) y1816\_b1792 = 0

(33) y1817\_b1789 = 0

(34) y1817\_b1792 = 0

(35) y1817\_b1793 = 0

(36) y1818\_b1789 = 0

(37) y1818\_b1793 = 0

(38) y1818\_b1794 = 0

(39) y1819\_b1791 = 0

(40) y1819\_b1793 = 0

(41) y1819\_b1794 = 0

(42) y1819\_b1795 = 0

(43) y1820\_b1792 = 0

(44) y1820\_b1793 = 0

(45) y1820\_b1795 = 0

(46) y1820\_b1796 = 0

(47) y1821\_b1792 = 0

(48) y1821\_b1793 = 0

(49) y1821\_b1795 = 0

(50) y1821\_b1796 = 0

(51) y1822\_b1794 = 0

(52) y1822\_b1795 = 0

(53) y1822\_b1796 = 0

(54) y1822\_b1797 = 0

(55) y1823\_b1794 = 0

(56) y1823\_b1795 = 0

(57) y1823\_b1796 = 0

(58) y1823\_b1797 = 0

(59) y1823\_b1798 = 0

(60) y1823\_b1799 = 0

(61) y1824\_b1795 = 0

(62) y1824\_b1796 = 0

(63) y1824\_b1798 = 0

(64) y1824\_b1799 = 0

(65) y1824\_b1800 = 0

(66) y1825\_b1796 = 0

(67) y1825\_b1797 = 0

(68) y1825\_b1799 = 0

(69) y1825\_b1800 = 0

(70) y1825\_b1801 = 0

(71) y1826\_b1798 = 0

(72) y1826\_b1799 = 0

(73) y1826\_b1800 = 0

(74) y1826\_b1801 = 0

(75) y1826\_b1802 = 0

(76) y1827\_b1798 = 0

(77) y1827\_b1799 = 0

(78) y1827\_b1800 = 0

(79) y1827\_b1801 = 0

(80) y1827\_b1802 = 0

(81) y1827\_b1803 = 0

(82) y1828\_b1800 = 0

(83) y1828\_b1802 = 0

(84) y1828\_b1803 = 0

(85) y1828\_b1804 = 0

(86) y1829\_b1800 = 0

(87) y1829\_b1801 = 0

(88) y1829\_b1803 = 0

(89) y1829\_b1804 = 0

(90) y1829\_b1805 = 0

(91) y1830\_b1801 = 0

(92) y1830\_b1802 = 0

(93) y1830\_b1803 = 0

(94) y1830\_b1804 = 0

(95) y1830\_b1805 = 0

(96) y1830\_b1806 = 0

(97) y1831\_b1802 = 0

(98) y1831\_b1803 = 0

(99) y1831\_b1804 = 0

(100) y1831\_b1805 = 0

(101) y1831\_b1806 = 0

(102) y1831\_b1807 = 0

(103) y1832\_b1803 = 0

(104) y1832\_b1804 = 0

(105) y1832\_b1805 = 0

(106) y1832\_b1806 = 0

(107) y1832\_b1807 = 0

(108) y1832\_b1808 = 0

(109) y1833\_b1805 = 0

(110) y1833\_b1806 = 0

(111) y1833\_b1807 = 0

(112) y1833\_b1808 = 0

(113) y1833\_b1809 = 0

(114) y1834\_b1807 = 0

(115) y1834\_b1809 = 0

(116) y1834\_b1810 = 0

(117) y1835\_b1806 = 0

(118) y1835\_b1807 = 0

(119) y1835\_b1808 = 0

(120) y1835\_b1809 = 0

(121) y1835\_b1810 = 0

(122) y1835\_b1811 = 0

(123) y1836\_b1808 = 0

(124) y1836\_b1809 = 0

(125) y1836\_b1810 = 0

(126) y1836\_b1811 = 0

(127) y1836\_b1812 = 0

(128) y1837\_b1808 = 0

(129) y1837\_b1809 = 0

(130) y1837\_b1810 = 0

(131) y1837\_b1811 = 0

(132) y1837\_b1812 = 0

(133) y1837\_b1813 = 0

(134) y1838\_b1810 = 0

(135) y1838\_b1811 = 0

(136) y1838\_b1812 = 0

(137) y1838\_b1814 = 0

(138) y1839\_b1811 = 0

(139) y1839\_b1812 = 0

(140) y1839\_b1813 = 0

(141) y1839\_b1814 = 0

(142) y1839\_b1815 = 0

(143) y1840\_b1812 = 0

(144) y1840\_b1813 = 0

(145) y1840\_b1814 = 0

(146) y1840\_b1815 = 0

(147) y1840\_b1816 = 0

(148) y1841\_b1814 = 0

(149) y1841\_b1815 = 0

(150) y1841\_b1816 = 0

(151) y1841\_b1817 = 0

(152) y1842\_b1814 = 0

(153) y1842\_b1816 = 0

(154) y1842\_b1817 = 0

(155) y1842\_b1818 = 0

(156) y1843\_b1815 = 0

(157) y1843\_b1816 = 0

(158) y1843\_b1817 = 0

(159) y1843\_b1818 = 0

(160) y1843\_b1819 = 0

(161) y1844\_b1816 = 0

(162) y1844\_b1817 = 0

(163) y1844\_b1818 = 0

(164) y1844\_b1819 = 0

(165) y1844\_b1820 = 0

(166) y1845\_b1816 = 0

(167) y1845\_b1817 = 0

(168) y1845\_b1818 = 0

(169) y1845\_b1819 = 0

(170) y1845\_b1820 = 0

(171) y1845\_b1821 = 0

(172) y1846\_b1817 = 0

(173) y1846\_b1818 = 0

(174) y1846\_b1819 = 0

(175) y1846\_b1820 = 0

(176) y1846\_b1821 = 0

(177) y1846\_b1822 = 0

(178) y1847\_b1818 = 0

(179) y1847\_b1819 = 0

(180) y1847\_b1820 = 0

(181) y1847\_b1821 = 0

(182) y1847\_b1822 = 0

(183) y1847\_b1823 = 0

(184) y1848\_b1820 = 0

(185) y1848\_b1821 = 0

(186) y1848\_b1822 = 0

(187) y1848\_b1823 = 0

(188) y1848\_b1824 = 0

(189) y1849\_b1821 = 0

(190) y1849\_b1822 = 0

(191) y1849\_b1823 = 0

(192) y1849\_b1824 = 0

(193) y1849\_b1825 = 0

(194) y1850\_b1821 = 0

(195) y1850\_b1822 = 0

(196) y1850\_b1823 = 0

(197) y1850\_b1824 = 0

(198) y1850\_b1825 = 0

(199) y1850\_b1826 = 0

(200) y1851\_b1822 = 0

(201) y1851\_b1823 = 0

(202) y1851\_b1824 = 0

(203) y1851\_b1825 = 0

(204) y1851\_b1826 = 0

(205) y1851\_b1827 = 0

(206) y1852\_b1823 = 0

(207) y1852\_b1824 = 0

(208) y1852\_b1825 = 0

(209) y1852\_b1826 = 0

(210) y1852\_b1827 = 0

(211) y1852\_b1828 = 0

(212) y1853\_b1824 = 0

(213) y1853\_b1825 = 0

(214) y1853\_b1826 = 0

(215) y1853\_b1827 = 0

(216) y1853\_b1828 = 0

(217) y1853\_b1829 = 0

(218) y1854\_b1826 = 0

(219) y1854\_b1827 = 0

(220) y1854\_b1828 = 0

(221) y1854\_b1829 = 0

(222) y1854\_b1830 = 0

(223) y1855\_b1826 = 0

(224) y1855\_b1827 = 0

(225) y1855\_b1828 = 0

(226) y1855\_b1829 = 0

(227) y1855\_b1830 = 0

(228) y1855\_b1831 = 0

(229) y1856\_b1827 = 0

(230) y1856\_b1828 = 0

(231) y1856\_b1829 = 0

(232) y1856\_b1830 = 0

(233) y1856\_b1831 = 0

(234) y1856\_b1832 = 0

(235) y1857\_b1828 = 0

(236) y1857\_b1829 = 0

(237) y1857\_b1830 = 0

(238) y1857\_b1831 = 0

(239) y1857\_b1832 = 0

(240) y1857\_b1833 = 0

(241) y1858\_b1829 = 0

(242) y1858\_b1830 = 0

(243) y1858\_b1831 = 0

(244) y1858\_b1832 = 0

(245) y1858\_b1833 = 0

(246) y1858\_b1834 = 0

(247) y1859\_b1830 = 0

(248) y1859\_b1831 = 0

(249) y1859\_b1832 = 0

(250) y1859\_b1833 = 0

(251) y1859\_b1834 = 0

(252) y1859\_b1835 = 0

(253) y1860\_b1831 = 0

(254) y1860\_b1832 = 0

(255) y1860\_b1833 = 0

(256) y1860\_b1834 = 0

(257) y1860\_b1836 = 0

(258) y1861\_b1836 = 0

F(258, 4417) = 1.20

Prob > F = 0.0182

.

**Appendix 2.7 Pennsylvania prisoners**

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums , robust

Linear regression Number of obs = 1800

F( 92, 1707) = 1.20

Prob > F = 0.1002

R-squared = 0.0540

Root MSE = 2.5456

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1806 | -.8400102 1.130354 -0.74 0.457 -3.057034 1.377014

by\_1807 | -.3333333 1.532993 -0.22 0.828 -3.340076 2.673409

by\_1808 | 1.466667 1.157808 1.27 0.205 -.8042055 3.737539

by\_1809 | .2252102 1.312768 0.17 0.864 -2.349593 2.800013

by\_1810 | .3308133 1.112101 0.30 0.766 -1.850412 2.512039

by\_1811 | .0815133 1.094589 0.07 0.941 -2.065364 2.228391

by\_1812 | .1493787 1.132264 0.13 0.895 -2.071393 2.37015

by\_1813 | .2034335 1.154879 0.18 0.860 -2.061694 2.468561

by\_1814 | -.8388817 1.151409 -0.73 0.466 -3.097203 1.41944

by\_1815 | -.9559002 1.332605 -0.72 0.473 -3.569611 1.65781

by\_1816 | .1301307 1.299699 0.10 0.920 -2.419039 2.679301

by\_1817 | -.6699865 1.281843 -0.52 0.601 -3.184135 1.844162

by\_1818 | .0829346 1.258702 0.07 0.947 -2.385827 2.551696

by\_1819 | -.8385876 1.326881 -0.63 0.527 -3.441071 1.763896

by\_1820 | .1776716 1.32848 0.13 0.894 -2.427949 2.783292

by\_1821 | -2.967492 2.01899 -1.47 0.142 -6.927447 .9924624

by\_1822 | -.5953621 1.533957 -0.39 0.698 -3.603996 2.413272

by\_1823 | -2.295806 2.188264 -1.05 0.294 -6.587768 1.996157

by\_1824 | -1.715839 2.057759 -0.83 0.404 -5.751834 2.320156

by\_1825 | -1.428676 2.012714 -0.71 0.478 -5.376321 2.518969

by\_1826 | -2.11232 1.964901 -1.08 0.283 -5.966188 1.741549

by\_1827 | -3.454139 2.032839 -1.70 0.089 -7.441258 .5329795

by\_1828 | -1.823229 2.03316 -0.90 0.370 -5.810978 2.164519

by\_1829 | -2.616322 1.987526 -1.32 0.188 -6.514565 1.281921

by\_1830 | -2.524151 2.018413 -1.25 0.211 -6.482975 1.434673

by\_1831 | -2.171936 2.065931 -1.05 0.293 -6.223959 1.880087

by\_1832 | -2.872333 2.058212 -1.40 0.163 -6.909216 1.164551

by\_1833 | -2.055557 2.045365 -1.00 0.315 -6.067244 1.956129

by\_1834 | -2.516896 2.034645 -1.24 0.216 -6.507556 1.473764

by\_1835 | -2.568696 2.044326 -1.26 0.209 -6.578345 1.440952

by\_1836 | -3.002954 2.052965 -1.46 0.144 -7.029546 1.023639

by\_1837 | -3.329784 2.062957 -1.61 0.107 -7.375975 .7164065

by\_1838 | -2.949574 2.103284 -1.40 0.161 -7.074861 1.175712

by\_1839 | -2.835366 2.132821 -1.33 0.184 -7.018585 1.347854

by\_1840 | -2.780843 2.110806 -1.32 0.188 -6.920882 1.359196

by\_1841 | -3.482444 2.126005 -1.64 0.102 -7.652295 .6874067

by\_1842 | -3.378939 2.125826 -1.59 0.112 -7.548438 .7905593

by\_1843 | -3.390906 2.108994 -1.61 0.108 -7.527391 .7455788

by\_1844 | -3.814901 2.123179 -1.80 0.073 -7.979208 .3494061

by\_1845 | -3.450999 2.132557 -1.62 0.106 -7.633699 .7317013

by\_1846 | -3.581934 2.143992 -1.67 0.095 -7.787063 .6231948

by\_1847 | -3.136588 2.17258 -1.44 0.149 -7.397789 1.124612

by\_1848 | -3.984246 2.175737 -1.83 0.067 -8.251639 .2831469

by\_1849 | -4.140614 2.174186 -1.90 0.057 -8.404965 .1237371

by\_1850 | -3.986182 2.182763 -1.83 0.068 -8.267355 .2949905

by\_1851 | -3.985731 2.191856 -1.82 0.069 -8.284737 .3132751

by\_1852 | -2.962155 2.237818 -1.32 0.186 -7.351309 1.426999

by\_1853 | -3.091232 2.327477 -1.33 0.184 -7.656239 1.473775

yr\_1832 | -3.247619 2.272812 -1.43 0.153 -7.705409 1.210171

yr\_1833 | -3.833333 2.340865 -1.64 0.102 -8.424601 .7579342

yr\_1834 | -2.459944 2.102098 -1.17 0.242 -6.582904 1.663016

yr\_1835 | -2.2 1.964909 -1.12 0.263 -6.053883 1.653883

yr\_1836 | -3.6724 2.084775 -1.76 0.078 -7.761382 .4165831

yr\_1837 | -3.420779 2.071616 -1.65 0.099 -7.483954 .6423948

yr\_1838 | -2.5173 2.138724 -1.18 0.239 -6.712096 1.677495

yr\_1839 | -2.164914 2.099563 -1.03 0.303 -6.282902 1.953074

yr\_1840 | -3.019404 2.109563 -1.43 0.153 -7.157005 1.118197

yr\_1841 | -3.382959 2.130167 -1.59 0.112 -7.560972 .7950531

yr\_1842 | -1.862127 2.168276 -0.86 0.391 -6.114885 2.390631

yr\_1843 | -2.074008 2.171721 -0.96 0.340 -6.333524 2.185508

yr\_1844 | -2.100477 2.17217 -0.97 0.334 -6.360873 2.159919

yr\_1845 | -1.602848 2.154857 -0.74 0.457 -5.829287 2.623591

yr\_1846 | -1.286674 2.388272 -0.54 0.590 -5.970922 3.397573

yr\_1847 | -.7208613 2.843632 -0.25 0.800 -6.298233 4.85651

yr\_1848 | -1.13662 2.721964 -0.42 0.676 -6.475357 4.202117

yr\_1849 | -.8117543 2.744682 -0.30 0.767 -6.195049 4.571541

yr\_1850 | .0613831 2.73258 0.02 0.982 -5.298175 5.420941

yr\_1851 | -.3391092 2.65536 -0.13 0.898 -5.547211 4.868993

yr\_1852 | .0620288 2.584307 0.02 0.981 -5.006714 5.130772

yr\_1853 | -.2470963 2.674789 -0.09 0.926 -5.493307 4.999114

yr\_1854 | -.8817647 2.667216 -0.33 0.741 -6.113121 4.349592

yr\_1855 | -1.039508 2.686254 -0.39 0.699 -6.308206 4.229189

yr\_1856 | -.6918354 2.7266 -0.25 0.800 -6.039666 4.655995

yr\_1857 | -.6961387 2.695307 -0.26 0.796 -5.982592 4.590315

yr\_1858 | -.1953555 2.691092 -0.07 0.942 -5.473542 5.082831

yr\_1859 | -.3085371 2.672864 -0.12 0.908 -5.550972 4.933897

yr\_1860 | .0143427 2.686307 0.01 0.996 -5.254457 5.283143

yr\_1861 | -.0683649 2.703133 -0.03 0.980 -5.370168 5.233439

yr\_1862 | -.1988154 2.705418 -0.07 0.941 -5.505099 5.107468

yr\_1863 | 1.24751 2.836015 0.44 0.660 -4.314922 6.809942

yr\_1865 | -.154394 2.945511 -0.05 0.958 -5.931587 5.622799

yr\_1866 | -.0091003 2.728845 -0.00 0.997 -5.361333 5.343132

yr\_1867 | .5455143 2.733156 0.20 0.842 -4.815173 5.906202

yr\_1868 | .0598624 2.748153 0.02 0.983 -5.33024 5.449965

yr\_1869 | .3529247 2.746685 0.13 0.898 -5.034298 5.740148

yr\_1870 | .8799487 2.757002 0.32 0.750 -4.527509 6.287407

yr\_1871 | 1.172643 2.794761 0.42 0.675 -4.308874 6.65416

yr\_1872 | .6419605 2.779251 0.23 0.817 -4.809136 6.093057

yr\_1873 | 1.058583 2.806993 0.38 0.706 -4.446926 6.564093

yr\_1874 | .7600668 2.773705 0.27 0.784 -4.680152 6.200286

yr\_1875 | 1.090746 2.780971 0.39 0.695 -4.363723 6.545216

yr\_1876 | 1.012444 2.794411 0.36 0.717 -4.468387 6.493274

\_cons | 69.53333 2.159049 32.21 0.000 65.29867 73.76799

------------------------------------------------------------------------------

. test $YR\_dums

( 1) yr\_1832 = 0

( 2) yr\_1833 = 0

( 3) yr\_1834 = 0

( 4) yr\_1835 = 0

( 5) yr\_1836 = 0

( 6) yr\_1837 = 0

( 7) yr\_1838 = 0

( 8) yr\_1839 = 0

( 9) yr\_1840 = 0

(10) yr\_1841 = 0

(11) yr\_1842 = 0

(12) yr\_1843 = 0

(13) yr\_1844 = 0

(14) yr\_1845 = 0

(15) yr\_1846 = 0

(16) yr\_1847 = 0

(17) yr\_1848 = 0

(18) yr\_1849 = 0

(19) yr\_1850 = 0

(20) yr\_1851 = 0

(21) yr\_1852 = 0

(22) yr\_1853 = 0

(23) yr\_1854 = 0

(24) yr\_1855 = 0

(25) yr\_1856 = 0

(26) yr\_1857 = 0

(27) yr\_1858 = 0

(28) yr\_1859 = 0

(29) yr\_1860 = 0

(30) yr\_1861 = 0

(31) yr\_1862 = 0

(32) yr\_1863 = 0

(33) yr\_1865 = 0

(34) yr\_1866 = 0

(35) yr\_1867 = 0

(36) yr\_1868 = 0

(37) yr\_1869 = 0

(38) yr\_1870 = 0

(39) yr\_1871 = 0

(40) yr\_1872 = 0

(41) yr\_1873 = 0

(42) yr\_1874 = 0

(43) yr\_1875 = 0

(44) yr\_1876 = 0

F( 44, 1707) = 0.94

Prob > F = 0.5929

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $Age\_dums $MoreEff , robust

Linear regression Number of obs = 1800

F( 55, 1744) = 1.41

Prob > F = 0.0263

R-squared = 0.0389

Root MSE = 2.5384

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1806 | -.6418119 .8086153 -0.79 0.427 -2.227769 .9441457

by\_1807 | 1.424506 1.19537 1.19 0.234 -.9200031 3.769015

by\_1808 | 1.405297 .8976571 1.57 0.118 -.3553002 3.165895

by\_1809 | 1.179607 .9719262 1.21 0.225 -.726656 3.085871

by\_1810 | .4161647 .7810569 0.53 0.594 -1.115742 1.948071

by\_1811 | .4351706 .7594579 0.57 0.567 -1.054373 1.924715

by\_1812 | .4031903 .7429283 0.54 0.587 -1.053934 1.860314

by\_1813 | .2170485 .7279322 0.30 0.766 -1.210663 1.64476

by\_1814 | -.2766763 .7152394 -0.39 0.699 -1.679493 1.126141

by\_1815 | -.1457676 .8752515 -0.17 0.868 -1.86242 1.570885

by\_1816 | 1.108252 .8172158 1.36 0.175 -.4945739 2.711078

by\_1817 | .2384906 .7868495 0.30 0.762 -1.304777 1.781758

by\_1818 | 1.079517 .7139179 1.51 0.131 -.3207085 2.479742

by\_1819 | .5592848 .8178133 0.68 0.494 -1.044713 2.163283

by\_1820 | 1.56107 .8017625 1.95 0.052 -.0114474 3.133587

by\_1821 | -.8791808 1.344573 -0.65 0.513 -3.516325 1.757963

by\_1822 | 1.537751 .8148112 1.89 0.059 -.0603591 3.13586

by\_1823 | .1708086 .7949999 0.21 0.830 -1.388445 1.730062

by\_1824 | .5986342 .8036522 0.74 0.456 -.9775891 2.174858

by\_1825 | .9810512 .6957972 1.41 0.159 -.3836334 2.345736

by\_1826 | .6601248 .6921921 0.95 0.340 -.697489 2.017739

by\_1827 | -.1972057 .8053241 -0.24 0.807 -1.776708 1.382297

by\_1828 | 1.293611 .8608223 1.50 0.133 -.3947418 2.981963

by\_1829 | .1031182 .7627773 0.14 0.892 -1.392936 1.599172

by\_1830 | .1985113 .7002862 0.28 0.777 -1.174978 1.572

by\_1831 | .4861629 .7939847 0.61 0.540 -1.071099 2.043425

by\_1832 | -.2368451 .7345338 -0.32 0.747 -1.677505 1.203815

by\_1833 | .7611158 .6973911 1.09 0.275 -.6066949 2.128926

by\_1834 | .4283462 .6713111 0.64 0.524 -.8883131 1.745005

by\_1835 | .4899254 .6827218 0.72 0.473 -.8491141 1.828965

by\_1836 | .1194675 .6790681 0.18 0.860 -1.212406 1.451341

by\_1837 | -.0224096 .7011515 -0.03 0.975 -1.397596 1.352776

by\_1838 | .2745607 .7506751 0.37 0.715 -1.197757 1.746879

by\_1839 | .2632078 .712368 0.37 0.712 -1.133977 1.660393

by\_1840 | .5791539 .6539668 0.89 0.376 -.7034876 1.861795

by\_1841 | -.0486503 .7136147 -0.07 0.946 -1.448281 1.35098

by\_1842 | .0288276 .6799106 0.04 0.966 -1.304698 1.362353

by\_1843 | .1956847 .6685177 0.29 0.770 -1.115496 1.506865

by\_1844 | -.1377857 .6800029 -0.20 0.839 -1.471492 1.195921

by\_1845 | .2462281 .6837737 0.36 0.719 -1.094874 1.587331

by\_1846 | .2406713 .6849376 0.35 0.725 -1.102714 1.584057

by\_1847 | .8905017 .7139114 1.25 0.212 -.5097106 2.290714

by\_1848 | .1216959 .7068854 0.17 0.863 -1.264736 1.508128

by\_1849 | -.0413182 .7130187 -0.06 0.954 -1.43978 1.357143

by\_1850 | .319344 .7323549 0.44 0.663 -1.117042 1.75573

by\_1851 | .2879307 .7639994 0.38 0.706 -1.21052 1.786382

by\_1852 | 1.419948 .8586275 1.65 0.098 -.2640998 3.103996

by\_1853 | 1.262637 1.024461 1.23 0.218 -.7466646 3.271938

dage\_24 | .1005114 .1943396 0.52 0.605 -.2806518 .4816746

dage\_25 | -.0335615 .2315861 -0.14 0.885 -.4877772 .4206542

dage\_26 | .1476722 .2297704 0.64 0.521 -.3029823 .5983267

dage\_27 | .7264203 .2518667 2.88 0.004 .2324279 1.220413

dage\_28 | .4429238 .2373579 1.87 0.062 -.0226122 .9084598

dage\_29 | .2167002 .3587212 0.60 0.546 -.4868687 .9202691

dage\_30 | .4033739 .2981893 1.35 0.176 -.1814723 .98822

\_cons | 66.19191 .6285296 105.31 0.000 64.95916 67.42466

------------------------------------------------------------------------------

. test $Age\_dums

( 1) dage\_24 = 0

( 2) dage\_25 = 0

( 3) dage\_26 = 0

( 4) dage\_27 = 0

( 5) dage\_28 = 0

( 6) dage\_29 = 0

( 7) dage\_30 = 0

F( 7, 1744) = 1.81

Prob > F = 0.0812

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $Age\_dums $More\_Eff , robust

Linear regression Number of obs = 1800

F(212, 1587) = 1.56

Prob > F = 0.0000

R-squared = 0.1262

Root MSE = 2.5373

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1806 | -2.047619 1.366168 -1.50 0.134 -4.727303 .6320653

by\_1807 | -2.8 2.300143 -1.22 0.224 -7.311639 1.711639

by\_1808 | -.5833333 2.485063 -0.23 0.814 -5.457686 4.291019

by\_1809 | -3.520238 3.026413 -1.16 0.245 -9.456426 2.41595

by\_1810 | -2.383333 2.442371 -0.98 0.329 -7.173947 2.40728

by\_1811 | -1.166667 1.569305 -0.74 0.457 -4.244795 1.911462

by\_1812 | -2.6 1.978488 -1.31 0.189 -6.480725 1.280725

by\_1813 | -4 2.199985 -1.82 0.069 -8.315183 .3151831

by\_1814 | -.1904762 1.581554 -0.12 0.904 -3.29263 2.911678

by\_1815 | 1.166667 1.017077 1.15 0.252 -.82829 3.161623

by\_1816 | .375 1.877514 0.20 0.842 -3.307669 4.057669

by\_1817 | -2.371429 2.168518 -1.09 0.274 -6.62489 1.882033

by\_1818 | -2.483333 2.386581 -1.04 0.298 -7.164515 2.197849

by\_1819 | -2.591667 2.778324 -0.93 0.351 -8.041239 2.857905

by\_1820 | -.7608974 3.027708 -0.25 0.802 -6.699625 5.17783

by\_1821 | -3.981731 3.255813 -1.22 0.222 -10.36788 2.404415

by\_1822 | 1.666667 1.490712 1.12 0.264 -1.257305 4.590638

by\_1823 | -2.083333 2.866553 -0.73 0.467 -7.705963 3.539296

by\_1824 | -2.583333 2.429677 -1.06 0.288 -7.349047 2.18238

by\_1825 | -.6190476 1.016422 -0.61 0.543 -2.61272 1.374624

by\_1826 | -2.8 1.984721 -1.41 0.159 -6.69295 1.09295

by\_1827 | -3.660897 3.179908 -1.15 0.250 -9.89816 2.576365

by\_1828 | -1.985897 3.456419 -0.57 0.566 -8.765526 4.793731

by\_1829 | -1.803333 1.175033 -1.53 0.125 -4.108113 .501447

by\_1830 | -.1547619 1.261891 -0.12 0.902 -2.629911 2.320387

by\_1831 | -1.133333 2.369767 -0.48 0.633 -5.781536 3.514869

by\_1832 | -3.8 2.113413 -1.80 0.072 -7.945376 .3453757

by\_1833 | -1.519048 1.784843 -0.85 0.395 -5.019945 1.981849

by\_1834 | -3.2 2.363045 -1.35 0.176 -7.835018 1.435018

by\_1835 | -1.583333 2.429677 -0.65 0.515 -6.349047 3.18238

by\_1836 | -1.114583 1.099968 -1.01 0.311 -3.272126 1.04296

by\_1837 | .0833333 1.286615 0.06 0.948 -2.44031 2.606976

by\_1838 | -.5111111 1.75004 -0.29 0.770 -3.943745 2.921523

by\_1839 | -1.708333 1.19139 -1.43 0.152 -4.045197 .6285306

by\_1840 | -.7333333 1.130732 -0.65 0.517 -2.951219 1.484552

by\_1841 | -.947619 1.758714 -0.54 0.590 -4.397265 2.502027

by\_1842 | -1.9 1.941744 -0.98 0.328 -5.708653 1.908653

by\_1843 | 6.62e-13 1.690131 0.00 1.000 -3.315124 3.315124

by\_1844 | -1 1.045087 -0.96 0.339 -3.049897 1.049897

by\_1845 | 1.095238 1.513169 0.72 0.469 -1.872782 4.063258

by\_1846 | -.8333333 1.429209 -0.58 0.560 -3.636669 1.970003

by\_1847 | -1.9 1.803025 -1.05 0.292 -5.436562 1.636562

by\_1848 | -2.133333 2.275599 -0.94 0.349 -6.59683 2.330163

by\_1849 | -3.258333 2.471143 -1.32 0.188 -8.105381 1.588715

by\_1850 | -3.491667 2.946415 -1.19 0.236 -9.270942 2.287609

by\_1851 | -2.594231 3.251392 -0.80 0.425 -8.971706 3.783245

by\_1852 | -.2894689 3.426934 -0.08 0.933 -7.011263 6.432325

by\_1853 | -.1127012 3.616331 -0.03 0.975 -7.205989 6.980587

dage\_24 | 1.293651 1.161402 1.11 0.266 -.9843925 3.571694

dage\_25 | 1.693651 1.816417 0.93 0.351 -1.869177 5.256479

dage\_26 | 2.52442 2.276732 1.11 0.268 -1.941298 6.990138

dage\_27 | 1.816087 2.600733 0.70 0.485 -3.285146 6.91732

dage\_28 | 2.232753 2.955432 0.76 0.450 -3.564207 8.029714

dage\_29 | .6660867 3.131751 0.21 0.832 -5.476718 6.808891

dage\_30 | -.2339133 3.390792 -0.07 0.945 -6.884816 6.416989

b1805\_a27 | -3.097619 2.477323 -1.25 0.211 -7.956789 1.761551

b1806\_a28 | -1.252381 2.016793 -0.62 0.535 -5.208239 2.703477

b1806\_a29 | -.1857143 1.962707 -0.09 0.925 -4.035485 3.664056

b1807\_a24 | 3.139103 3.39684 0.92 0.356 -3.523664 9.801869

b1808\_a25 | -1.510897 2.281585 -0.66 0.508 -5.986135 2.96434

b1809\_a25 | 2.545055 2.01001 1.27 0.206 -1.397499 6.487609

b1810\_a24 | -.4775641 2.793152 -0.17 0.864 -5.956219 5.001091

b1810\_a25 | 1.522436 2.169303 0.70 0.483 -2.732565 5.777437

b1810\_a26 | -1.375 1.580115 -0.87 0.384 -4.474333 1.724333

b1811\_a23 | .7422772 3.851203 0.19 0.847 -6.811702 8.296257

b1811\_a24 | -.3608974 3.542361 -0.10 0.919 -7.309096 6.587301

b1811\_a26 | -2.067857 2.905959 -0.71 0.477 -7.767779 3.632065

b1811\_a28 | -1.133333 2.354978 -0.48 0.630 -5.752528 3.485862

b1811\_a29 | -1.266667 2.326888 -0.54 0.586 -5.830765 3.297431

b1812\_a23 | 3.232753 3.197291 1.01 0.312 -3.038604 9.504111

b1812\_a24 | -.6775641 2.90236 -0.23 0.815 -6.370426 5.015298

b1812\_a26 | -1.691667 2.366798 -0.71 0.475 -6.334045 2.950712

b1812\_a27 | .6166667 1.608657 0.38 0.702 -2.53865 3.771983

b1813\_a23 | 2.766087 3.237678 0.85 0.393 -3.584488 9.116662

b1813\_a24 | .8057692 2.993104 0.27 0.788 -5.065083 6.676622

b1813\_a25 | 2.489103 2.624945 0.95 0.343 -2.659621 7.637826

b1814\_a23 | -2.87677 3.691336 -0.78 0.436 -10.11718 4.363637

b1814\_a24 | -2.170421 3.545213 -0.61 0.540 -9.124215 4.783372

b1814\_a25 | -2.195421 3.178343 -0.69 0.490 -8.429614 4.038771

b1814\_a26 | -2.90119 2.885215 -1.01 0.315 -8.560424 2.758043

b1814\_a27 | -5.392857 2.705083 -1.99 0.046 -10.69877 -.0869454

b1814\_a28 | -3.409524 2.232434 -1.53 0.127 -7.788353 .9693052

b1814\_a29 | -2.042857 2.681745 -0.76 0.446 -7.302992 3.217278

b1815\_a24 | -4.027564 3.347247 -1.20 0.229 -10.59306 2.537928

b1815\_a25 | -7.027564 3.344963 -2.10 0.036 -13.58857 -.4665542

b1815\_a27 | -2.15 2.654871 -0.81 0.418 -7.357423 3.057423

b1815\_a28 | -3.383333 1.73938 -1.95 0.052 -6.795058 .0283909

b1816\_a24 | -.9025641 3.637663 -0.25 0.804 -8.037694 6.232566

b1816\_a26 | -4.091667 3.271365 -1.25 0.211 -10.50832 2.324984

b1816\_a28 | -2.341667 2.446456 -0.96 0.339 -7.140292 2.456958

b1817\_a23 | .8041819 3.616563 0.22 0.824 -6.289562 7.897926

b1817\_a24 | .1771978 3.001706 0.06 0.953 -5.710528 6.064924

b1817\_a25 | -.8894689 2.878512 -0.31 0.757 -6.535555 4.756618

b1817\_a26 | -1.063988 2.273247 -0.47 0.640 -5.522872 3.394896

b1818\_a23 | 1.74942 2.832883 0.62 0.537 -3.807167 7.306007

b1818\_a24 | 1.622436 2.58436 0.63 0.530 -3.446682 6.691554

b1818\_a25 | 1.534936 1.981394 0.77 0.439 -2.351489 5.421361

b1818\_a26 | -.1916667 1.789983 -0.11 0.915 -3.702646 3.319313

b1819\_a23 | 3.02442 2.605915 1.16 0.246 -2.086978 8.135818

b1819\_a24 | -1.060897 2.349967 -0.45 0.652 -5.670264 3.548469

b1819\_a25 | -.8192308 2.000597 -0.41 0.682 -4.743322 3.104861

b1820\_a24 | -.7343746 1.636076 -0.45 0.654 -3.943472 2.474722

b1822\_a23 | -2.567247 3.720454 -0.69 0.490 -9.864768 4.730275

b1822\_a24 | -2.511655 3.481537 -0.72 0.471 -9.34055 4.31724

b1823\_a24 | -.2608977 2.879709 -0.09 0.928 -5.909331 5.387536

b1823\_a25 | -1.077564 2.488432 -0.43 0.665 -5.958524 3.803395

b1824\_a24 | .0224359 2.616984 0.01 0.993 -5.110673 5.155545

b1824\_a25 | 1.387435 2.132084 0.65 0.515 -2.794562 5.569432

b1825\_a23 | .401801 3.517153 0.11 0.909 -6.496954 7.300556

b1825\_a26 | -2.139286 2.687202 -0.80 0.426 -7.410124 3.131553

b1825\_a28 | -.9309524 1.830659 -0.51 0.611 -4.521717 2.659813

b1826\_a23 | .7827534 3.168386 0.25 0.805 -5.431909 6.997416

b1826\_a24 | 1.939103 3.128536 0.62 0.535 -4.197396 8.075601

b1826\_a25 | -.4608974 2.424106 -0.19 0.849 -5.215685 4.29389

b1826\_a26 | .4861111 2.055231 0.24 0.813 -3.545142 4.517365

b1826\_a27 | 1.130952 1.681705 0.67 0.501 -2.167645 4.42955

b1827\_a23 | 1.801984 2.235942 0.81 0.420 -2.583726 6.187694

b1827\_a24 | 1.6 1.963669 0.81 0.415 -2.251658 5.451658

b1828\_a23 | 2.341728 1.70574 1.37 0.170 -1.004013 5.687468

b1829\_a23 | 1.87245 3.534233 0.53 0.596 -5.059807 8.804707

b1829\_a24 | -1.857564 3.626893 -0.51 0.609 -8.97157 5.256441

b1829\_a26 | -1.088334 3.067644 -0.35 0.723 -7.105394 4.928727

b1829\_a28 | -1.346667 2.114777 -0.64 0.524 -5.494717 2.801383

b1830\_a23 | -.5791514 3.607086 -0.16 0.872 -7.654307 6.496004

b1830\_a24 | -3.039469 3.352147 -0.91 0.365 -9.61457 3.535633

b1830\_a25 | -3.272802 3.156541 -1.04 0.300 -9.464231 2.918627

b1830\_a28 | -2.511905 1.954592 -1.29 0.199 -6.345759 1.321949

b1830\_a29 | -1.46746 1.909053 -0.77 0.442 -5.211992 2.277072

b1831\_a24 | -2.127564 3.983097 -0.53 0.593 -9.940249 5.685121

b1831\_a25 | -.5275641 3.826283 -0.14 0.890 -8.032666 6.977537

b1831\_a26 | -1.9375 3.384232 -0.57 0.567 -8.575535 4.700535

b1831\_a28 | -2.056666 2.827885 -0.73 0.467 -7.60345 3.490117

b1831\_a29 | .6142857 3.040296 0.20 0.840 -5.349133 6.577704

b1832\_a23 | 1.89942 3.240557 0.59 0.558 -4.456803 8.255643

b1832\_a24 | .7168803 2.930192 0.24 0.807 -5.030575 6.464335

b1832\_a25 | -.5608974 3.03903 -0.18 0.854 -6.521832 5.400037

b1832\_a26 | 1.858333 2.705095 0.69 0.492 -3.447601 7.164268

b1832\_a27 | 1.595238 1.747155 0.91 0.361 -1.831737 5.022213

b1833\_a23 | .151801 3.374378 0.04 0.964 -6.466907 6.770509

b1833\_a24 | -1.184707 3.136157 -0.38 0.706 -7.336153 4.966739

b1833\_a25 | -.0043496 2.904239 -0.00 0.999 -5.700898 5.692199

b1833\_a26 | -1.760119 2.419719 -0.73 0.467 -6.5063 2.986062

b1833\_a27 | .3107143 2.147867 0.14 0.885 -3.90224 4.523669

b1833\_a28 | -.3087302 1.504018 -0.21 0.837 -3.2588 2.64134

b1834\_a23 | 2.095253 3.29818 0.64 0.525 -4.373995 8.564501

b1834\_a24 | .9462454 3.09968 0.31 0.760 -5.133653 7.026144

b1834\_a25 | .5345574 2.796722 0.19 0.848 -4.951101 6.020216

b1834\_a26 | -.0702381 2.450287 -0.03 0.977 -4.876378 4.735902

b1834\_a27 | 1.780952 2.156269 0.83 0.409 -2.448482 6.010387

b1835\_a23 | -.4089133 2.721577 -0.15 0.881 -5.747178 4.929351

b1835\_a24 | -.0811355 2.483055 -0.03 0.974 -4.951548 4.789277

b1835\_a25 | -.6548368 2.083408 -0.31 0.753 -4.741358 3.431685

b1835\_a26 | -1.794048 1.48312 -1.21 0.227 -4.703128 1.115033

b1836\_a23 | .5160867 3.561541 0.14 0.885 -6.469733 7.501907

b1836\_a24 | -.9657584 3.282373 -0.29 0.769 -7.404001 5.472484

b1836\_a25 | -.7018697 2.996174 -0.23 0.815 -6.578745 5.175006

b1836\_a26 | -3.834226 2.660399 -1.44 0.150 -9.052493 1.384041

b1837\_a23 | -1.764866 3.535905 -0.50 0.618 -8.700402 5.17067

b1837\_a24 | -3.100481 3.424132 -0.91 0.365 -9.816778 3.615816

b1837\_a25 | -2.744231 3.082279 -0.89 0.373 -8.789997 3.301535

b1838\_a23 | -1.459982 3.314937 -0.44 0.660 -7.962098 5.042135

b1838\_a24 | -.4608974 3.134245 -0.15 0.883 -6.608594 5.686799

b1838\_a28 | -3.483333 1.447108 -2.41 0.016 -6.321778 -.6448882

b1839\_a27 | .1583333 2.396923 0.07 0.947 -4.543135 4.859802

b1839\_a28 | -1.372917 1.957452 -0.70 0.483 -5.212381 2.466548

b1839\_a29 | .6416667 1.758767 0.36 0.715 -2.808084 4.091417

b1840\_a23 | 1.166087 3.532983 0.33 0.741 -5.763718 8.095891

b1840\_a26 | -2.830556 2.640201 -1.07 0.284 -8.009205 2.348093

b1840\_a27 | -.8166667 2.330027 -0.35 0.726 -5.38692 3.753587

b1840\_a28 | -1.816667 1.900142 -0.96 0.339 -5.543718 1.910385

b1840\_a29 | -.8333333 1.628833 -0.51 0.609 -4.028225 2.361558

b1841\_a25 | -2.086006 2.78235 -0.75 0.454 -7.543475 3.371463

b1841\_a26 | -2.041106 2.368995 -0.86 0.389 -6.687796 2.605583

b1841\_a27 | -2.935714 2.097994 -1.40 0.162 -7.050846 1.179417

b1841\_a28 | -3.08315 1.543617 -2.00 0.046 -6.110894 -.0554068

b1842\_a23 | .3327534 3.171825 0.10 0.916 -5.888654 6.554161

b1842\_a24 | -.7858977 2.864216 -0.27 0.784 -6.403942 4.832147

b1842\_a25 | -1.877564 2.488074 -0.75 0.451 -6.757821 3.002693

b1842\_a26 | -2.566667 2.055926 -1.25 0.212 -6.599283 1.46595

b1842\_a27 | -.05 1.590431 -0.03 0.975 -3.169567 3.069567

b1843\_a23 | -1.409352 3.710505 -0.38 0.704 -8.687358 5.868654

b1843\_a24 | -2.03054 3.507403 -0.58 0.563 -8.91017 4.84909

b1843\_a25 | -2.645513 3.317539 -0.80 0.425 -9.152733 3.861708

b1843\_a26 | -4.091667 2.912703 -1.40 0.160 -9.804816 1.621483

b1843\_a27 | -2.883333 2.885139 -1.00 0.318 -8.542418 2.775751

b1844\_a23 | -.50058 3.458539 -0.14 0.885 -7.284365 6.283205

b1844\_a24 | -1.581486 3.277745 -0.48 0.630 -8.01065 4.847679

b1844\_a25 | -2.414744 3.044148 -0.79 0.428 -8.385717 3.55623

b1844\_a28 | -2.2 2.142641 -1.03 0.305 -6.402705 2.002705

b1845\_a23 | -3.119985 3.643137 -0.86 0.392 -10.26585 4.025883

b1845\_a24 | -3.265659 3.448035 -0.95 0.344 -10.02884 3.497523

b1845\_a25 | -3.756136 3.169228 -1.19 0.236 -9.97245 2.460179

b1845\_a26 | -3.90119 2.829668 -1.38 0.168 -9.45147 1.649089

b1845\_a27 | -1.978571 2.709917 -0.73 0.465 -7.293965 3.336822

b1845\_a29 | -4.728571 2.107815 -2.24 0.025 -8.862966 -.5941773

b1846\_a23 | .0047231 3.276792 0.00 0.999 -6.422573 6.432019

b1846\_a24 | -1.194231 3.102179 -0.38 0.700 -7.279031 4.890569

b1846\_a26 | -3.133333 2.345727 -1.34 0.182 -7.734384 1.467717

b1846\_a28 | -2.693939 1.385848 -1.94 0.052 -5.412225 .0243464

b1847\_a24 | .4557692 2.927371 0.16 0.876 -5.286152 6.19769

b1847\_a25 | -1.110897 2.494962 -0.45 0.656 -6.004665 3.78287

b1847\_a26 | -.025 2.556164 -0.01 0.992 -5.038812 4.988812

b1847\_a27 | .6166667 1.824707 0.34 0.735 -2.962423 4.195756

b1848\_a23 | 1.412241 2.765503 0.51 0.610 -4.012184 6.836665

b1848\_a24 | -.5737179 2.512484 -0.23 0.819 -5.501855 4.354419

b1848\_a25 | -2.627564 2.193248 -1.20 0.231 -6.929533 1.674405

b1849\_a23 | 1.579976 2.601659 0.61 0.544 -3.523074 6.683025

b1849\_a24 | .6701632 2.358197 0.28 0.776 -3.955346 5.295672

b1849\_a25 | .2701632 1.909993 0.14 0.888 -3.476211 4.016538

b1850\_a23 | 3.591087 2.037979 1.76 0.078 -.4063278 7.588501

b1850\_a24 | 1.130769 1.752924 0.65 0.519 -2.307521 4.56906

b1851\_a23 | 1.754257 1.477322 1.19 0.235 -1.143451 4.651965

\_cons | 67.56725 3.515485 19.22 0.000 60.67176 74.46273

------------------------------------------------------------------------------

. test $More\_Eff

( 1) b1805\_a27 = 0

( 2) b1806\_a28 = 0

( 3) b1806\_a29 = 0

( 4) b1807\_a24 = 0

( 5) b1808\_a25 = 0

( 6) b1809\_a25 = 0

( 7) b1810\_a24 = 0

( 8) b1810\_a25 = 0

( 9) b1810\_a26 = 0

(10) b1811\_a23 = 0

(11) b1811\_a24 = 0

(12) b1811\_a26 = 0

(13) b1811\_a28 = 0

(14) b1811\_a29 = 0

(15) b1812\_a23 = 0

(16) b1812\_a24 = 0

(17) b1812\_a26 = 0

(18) b1812\_a27 = 0

(19) b1813\_a23 = 0

(20) b1813\_a24 = 0

(21) b1813\_a25 = 0

(22) b1814\_a23 = 0

(23) b1814\_a24 = 0

(24) b1814\_a25 = 0

(25) b1814\_a26 = 0

(26) b1814\_a27 = 0

(27) b1814\_a28 = 0

(28) b1814\_a29 = 0

(29) b1815\_a24 = 0

(30) b1815\_a25 = 0

(31) b1815\_a27 = 0

(32) b1815\_a28 = 0

(33) b1816\_a24 = 0

(34) b1816\_a26 = 0

(35) b1816\_a28 = 0

(36) b1817\_a23 = 0

(37) b1817\_a24 = 0

(38) b1817\_a25 = 0

(39) b1817\_a26 = 0

(40) b1818\_a23 = 0

(41) b1818\_a24 = 0

(42) b1818\_a25 = 0

(43) b1818\_a26 = 0

(44) b1819\_a23 = 0

(45) b1819\_a24 = 0

(46) b1819\_a25 = 0

(47) b1820\_a24 = 0

(48) b1822\_a23 = 0

(49) b1822\_a24 = 0

(50) b1823\_a24 = 0

(51) b1823\_a25 = 0

(52) b1824\_a24 = 0

(53) b1824\_a25 = 0

(54) b1825\_a23 = 0

(55) b1825\_a26 = 0

(56) b1825\_a28 = 0

(57) b1826\_a23 = 0

(58) b1826\_a24 = 0

(59) b1826\_a25 = 0

(60) b1826\_a26 = 0

(61) b1826\_a27 = 0

(62) b1827\_a23 = 0

(63) b1827\_a24 = 0

(64) b1828\_a23 = 0

(65) b1829\_a23 = 0

(66) b1829\_a24 = 0

(67) b1829\_a26 = 0

(68) b1829\_a28 = 0

(69) b1830\_a23 = 0

(70) b1830\_a24 = 0

(71) b1830\_a25 = 0

(72) b1830\_a28 = 0

(73) b1830\_a29 = 0

(74) b1831\_a24 = 0

(75) b1831\_a25 = 0

(76) b1831\_a26 = 0

(77) b1831\_a28 = 0

(78) b1831\_a29 = 0

(79) b1832\_a23 = 0

(80) b1832\_a24 = 0

(81) b1832\_a25 = 0

(82) b1832\_a26 = 0

(83) b1832\_a27 = 0

(84) b1833\_a23 = 0

(85) b1833\_a24 = 0

(86) b1833\_a25 = 0

(87) b1833\_a26 = 0

(88) b1833\_a27 = 0

(89) b1833\_a28 = 0

(90) b1834\_a23 = 0

(91) b1834\_a24 = 0

(92) b1834\_a25 = 0

(93) b1834\_a26 = 0

(94) b1834\_a27 = 0

(95) b1835\_a23 = 0

(96) b1835\_a24 = 0

(97) b1835\_a25 = 0

(98) b1835\_a26 = 0

(99) b1836\_a23 = 0

(100) b1836\_a24 = 0

(101) b1836\_a25 = 0

(102) b1836\_a26 = 0

(103) b1837\_a23 = 0

(104) b1837\_a24 = 0

(105) b1837\_a25 = 0

(106) b1838\_a23 = 0

(107) b1838\_a24 = 0

(108) b1838\_a28 = 0

(109) b1839\_a27 = 0

(110) b1839\_a28 = 0

(111) b1839\_a29 = 0

(112) b1840\_a23 = 0

(113) b1840\_a26 = 0

(114) b1840\_a27 = 0

(115) b1840\_a28 = 0

(116) b1840\_a29 = 0

(117) b1841\_a25 = 0

(118) b1841\_a26 = 0

(119) b1841\_a27 = 0

(120) b1841\_a28 = 0

(121) b1842\_a23 = 0

(122) b1842\_a24 = 0

(123) b1842\_a25 = 0

(124) b1842\_a26 = 0

(125) b1842\_a27 = 0

(126) b1843\_a23 = 0

(127) b1843\_a24 = 0

(128) b1843\_a25 = 0

(129) b1843\_a26 = 0

(130) b1843\_a27 = 0

(131) b1844\_a23 = 0

(132) b1844\_a24 = 0

(133) b1844\_a25 = 0

(134) b1844\_a28 = 0

(135) b1845\_a23 = 0

(136) b1845\_a24 = 0

(137) b1845\_a25 = 0

(138) b1845\_a26 = 0

(139) b1845\_a27 = 0

(140) b1845\_a29 = 0

(141) b1846\_a23 = 0

(142) b1846\_a24 = 0

(143) b1846\_a26 = 0

(144) b1846\_a28 = 0

(145) b1847\_a24 = 0

(146) b1847\_a25 = 0

(147) b1847\_a26 = 0

(148) b1847\_a27 = 0

(149) b1848\_a23 = 0

(150) b1848\_a24 = 0

(151) b1848\_a25 = 0

(152) b1849\_a23 = 0

(153) b1849\_a24 = 0

(154) b1849\_a25 = 0

(155) b1850\_a23 = 0

(156) b1850\_a24 = 0

(157) b1851\_a23 = 0

F(157, 1587) = 1.25

Prob > F = 0.0242

. xi: reg HEIGHT $OTHER\_Vars i.BYR $YR\_dums ,robust

i.BYR \_IBYR\_1805-1853 (naturally coded; \_IBYR\_1805 omitted)

Linear regression Number of obs = 1800

F( 92, 1707) = 1.20

Prob > F = 0.1002

R-squared = 0.0540

Root MSE = 2.5456

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

\_IBYR\_1806 | -.8400102 1.130354 -0.74 0.457 -3.057034 1.377014

\_IBYR\_1807 | -.3333333 1.532993 -0.22 0.828 -3.340076 2.673409

\_IBYR\_1808 | 1.466667 1.157808 1.27 0.205 -.8042055 3.737539

\_IBYR\_1809 | .2252102 1.312768 0.17 0.864 -2.349593 2.800013

\_IBYR\_1810 | .3308133 1.112101 0.30 0.766 -1.850412 2.512039

\_IBYR\_1811 | .0815133 1.094589 0.07 0.941 -2.065364 2.228391

\_IBYR\_1812 | .1493787 1.132264 0.13 0.895 -2.071393 2.37015

\_IBYR\_1813 | .2034335 1.154879 0.18 0.860 -2.061694 2.468561

\_IBYR\_1814 | -.8388817 1.151409 -0.73 0.466 -3.097203 1.41944

\_IBYR\_1815 | -.9559002 1.332605 -0.72 0.473 -3.569611 1.65781

\_IBYR\_1816 | .1301307 1.299699 0.10 0.920 -2.419039 2.679301

\_IBYR\_1817 | -.6699865 1.281843 -0.52 0.601 -3.184135 1.844162

\_IBYR\_1818 | .0829346 1.258702 0.07 0.947 -2.385827 2.551696

\_IBYR\_1819 | -.8385876 1.326881 -0.63 0.527 -3.441071 1.763896

\_IBYR\_1820 | .1776716 1.32848 0.13 0.894 -2.427949 2.783292

\_IBYR\_1821 | -2.967492 2.01899 -1.47 0.142 -6.927447 .9924624

\_IBYR\_1822 | -.5953621 1.533957 -0.39 0.698 -3.603996 2.413272

\_IBYR\_1823 | -2.295806 2.188264 -1.05 0.294 -6.587768 1.996157

\_IBYR\_1824 | -1.715839 2.057759 -0.83 0.404 -5.751834 2.320156

\_IBYR\_1825 | -1.428676 2.012714 -0.71 0.478 -5.376321 2.518969

\_IBYR\_1826 | -2.11232 1.964901 -1.08 0.283 -5.966188 1.741549

\_IBYR\_1827 | -3.454139 2.032839 -1.70 0.089 -7.441258 .5329795

\_IBYR\_1828 | -1.823229 2.03316 -0.90 0.370 -5.810978 2.164519

\_IBYR\_1829 | -2.616322 1.987526 -1.32 0.188 -6.514565 1.281921

\_IBYR\_1830 | -2.524151 2.018413 -1.25 0.211 -6.482975 1.434673

\_IBYR\_1831 | -2.171936 2.065931 -1.05 0.293 -6.223959 1.880087

\_IBYR\_1832 | -2.872333 2.058212 -1.40 0.163 -6.909216 1.164551

\_IBYR\_1833 | -2.055557 2.045365 -1.00 0.315 -6.067244 1.956129

\_IBYR\_1834 | -2.516896 2.034645 -1.24 0.216 -6.507556 1.473764

\_IBYR\_1835 | -2.568696 2.044326 -1.26 0.209 -6.578345 1.440952

\_IBYR\_1836 | -3.002954 2.052965 -1.46 0.144 -7.029546 1.023639

\_IBYR\_1837 | -3.329784 2.062957 -1.61 0.107 -7.375975 .7164065

\_IBYR\_1838 | -2.949574 2.103284 -1.40 0.161 -7.074861 1.175712

\_IBYR\_1839 | -2.835366 2.132821 -1.33 0.184 -7.018585 1.347854

\_IBYR\_1840 | -2.780843 2.110806 -1.32 0.188 -6.920882 1.359196

\_IBYR\_1841 | -3.482444 2.126005 -1.64 0.102 -7.652295 .6874067

\_IBYR\_1842 | -3.378939 2.125826 -1.59 0.112 -7.548438 .7905593

\_IBYR\_1843 | -3.390906 2.108994 -1.61 0.108 -7.527391 .7455788

\_IBYR\_1844 | -3.814901 2.123179 -1.80 0.073 -7.979208 .3494061

\_IBYR\_1845 | -3.450999 2.132557 -1.62 0.106 -7.633699 .7317013

\_IBYR\_1846 | -3.581934 2.143992 -1.67 0.095 -7.787063 .6231948

\_IBYR\_1847 | -3.136588 2.17258 -1.44 0.149 -7.397789 1.124612

\_IBYR\_1848 | -3.984246 2.175737 -1.83 0.067 -8.251639 .2831469

\_IBYR\_1849 | -4.140614 2.174186 -1.90 0.057 -8.404965 .1237371

\_IBYR\_1850 | -3.986182 2.182763 -1.83 0.068 -8.267355 .2949905

\_IBYR\_1851 | -3.985731 2.191856 -1.82 0.069 -8.284737 .3132751

\_IBYR\_1852 | -2.962155 2.237818 -1.32 0.186 -7.351309 1.426999

\_IBYR\_1853 | -3.091232 2.327477 -1.33 0.184 -7.656239 1.473775

yr\_1832 | -3.247619 2.272812 -1.43 0.153 -7.705409 1.210171

yr\_1833 | -3.833333 2.340865 -1.64 0.102 -8.424601 .7579342

yr\_1834 | -2.459944 2.102098 -1.17 0.242 -6.582904 1.663016

yr\_1835 | -2.2 1.964909 -1.12 0.263 -6.053883 1.653883

yr\_1836 | -3.6724 2.084775 -1.76 0.078 -7.761382 .4165831

yr\_1837 | -3.420779 2.071616 -1.65 0.099 -7.483954 .6423948

yr\_1838 | -2.5173 2.138724 -1.18 0.239 -6.712096 1.677495

yr\_1839 | -2.164914 2.099563 -1.03 0.303 -6.282902 1.953074

yr\_1840 | -3.019404 2.109563 -1.43 0.153 -7.157005 1.118197

yr\_1841 | -3.382959 2.130167 -1.59 0.112 -7.560972 .7950531

yr\_1842 | -1.862127 2.168276 -0.86 0.391 -6.114885 2.390631

yr\_1843 | -2.074008 2.171721 -0.96 0.340 -6.333524 2.185508

yr\_1844 | -2.100477 2.17217 -0.97 0.334 -6.360873 2.159919

yr\_1845 | -1.602848 2.154857 -0.74 0.457 -5.829287 2.623591

yr\_1846 | -1.286674 2.388272 -0.54 0.590 -5.970922 3.397573

yr\_1847 | -.7208613 2.843632 -0.25 0.800 -6.298233 4.85651

yr\_1848 | -1.13662 2.721964 -0.42 0.676 -6.475357 4.202117

yr\_1849 | -.8117543 2.744682 -0.30 0.767 -6.195049 4.571541

yr\_1850 | .0613831 2.73258 0.02 0.982 -5.298175 5.420941

yr\_1851 | -.3391092 2.65536 -0.13 0.898 -5.547211 4.868993

yr\_1852 | .0620288 2.584307 0.02 0.981 -5.006714 5.130772

yr\_1853 | -.2470963 2.674789 -0.09 0.926 -5.493307 4.999114

yr\_1854 | -.8817647 2.667216 -0.33 0.741 -6.113121 4.349592

yr\_1855 | -1.039508 2.686254 -0.39 0.699 -6.308206 4.229189

yr\_1856 | -.6918354 2.7266 -0.25 0.800 -6.039666 4.655995

yr\_1857 | -.6961387 2.695307 -0.26 0.796 -5.982592 4.590315

yr\_1858 | -.1953555 2.691092 -0.07 0.942 -5.473542 5.082831

yr\_1859 | -.3085371 2.672864 -0.12 0.908 -5.550972 4.933897

yr\_1860 | .0143427 2.686307 0.01 0.996 -5.254457 5.283143

yr\_1861 | -.0683649 2.703133 -0.03 0.980 -5.370168 5.233439

yr\_1862 | -.1988154 2.705418 -0.07 0.941 -5.505099 5.107468

yr\_1863 | 1.24751 2.836015 0.44 0.660 -4.314922 6.809942

yr\_1865 | -.154394 2.945511 -0.05 0.958 -5.931587 5.622799

yr\_1866 | -.0091003 2.728845 -0.00 0.997 -5.361333 5.343132

yr\_1867 | .5455143 2.733156 0.20 0.842 -4.815173 5.906202

yr\_1868 | .0598624 2.748153 0.02 0.983 -5.33024 5.449965

yr\_1869 | .3529247 2.746685 0.13 0.898 -5.034298 5.740148

yr\_1870 | .8799487 2.757002 0.32 0.750 -4.527509 6.287407

yr\_1871 | 1.172643 2.794761 0.42 0.675 -4.308874 6.65416

yr\_1872 | .6419605 2.779251 0.23 0.817 -4.809136 6.093057

yr\_1873 | 1.058583 2.806993 0.38 0.706 -4.446926 6.564093

yr\_1874 | .7600668 2.773705 0.27 0.784 -4.680152 6.200286

yr\_1875 | 1.090746 2.780971 0.39 0.695 -4.363723 6.545216

yr\_1876 | 1.012444 2.794411 0.36 0.717 -4.468387 6.493274

\_cons | 69.53333 2.159049 32.21 0.000 65.29867 73.76799

------------------------------------------------------------------------------

.

. test $YR\_dums

( 1) yr\_1832 = 0

( 2) yr\_1833 = 0

( 3) yr\_1834 = 0

( 4) yr\_1835 = 0

( 5) yr\_1836 = 0

( 6) yr\_1837 = 0

( 7) yr\_1838 = 0

( 8) yr\_1839 = 0

( 9) yr\_1840 = 0

(10) yr\_1841 = 0

(11) yr\_1842 = 0

(12) yr\_1843 = 0

(13) yr\_1844 = 0

(14) yr\_1845 = 0

(15) yr\_1846 = 0

(16) yr\_1847 = 0

(17) yr\_1848 = 0

(18) yr\_1849 = 0

(19) yr\_1850 = 0

(20) yr\_1851 = 0

(21) yr\_1852 = 0

(22) yr\_1853 = 0

(23) yr\_1854 = 0

(24) yr\_1855 = 0

(25) yr\_1856 = 0

(26) yr\_1857 = 0

(27) yr\_1858 = 0

(28) yr\_1859 = 0

(29) yr\_1860 = 0

(30) yr\_1861 = 0

(31) yr\_1862 = 0

(32) yr\_1863 = 0

(33) yr\_1865 = 0

(34) yr\_1866 = 0

(35) yr\_1867 = 0

(36) yr\_1868 = 0

(37) yr\_1869 = 0

(38) yr\_1870 = 0

(39) yr\_1871 = 0

(40) yr\_1872 = 0

(41) yr\_1873 = 0

(42) yr\_1874 = 0

(43) yr\_1875 = 0

(44) yr\_1876 = 0

F( 44, 1707) = 0.94

Prob > F = 0.5929

.

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $MoreEff , robust

Linear regression Number of obs = 1800

F( 92, 1707) = 1.20

Prob > F = 0.1002

R-squared = 0.0540

Root MSE = 2.5456

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1806 | -.8400102 1.130354 -0.74 0.457 -3.057034 1.377014

by\_1807 | -.3333333 1.532993 -0.22 0.828 -3.340076 2.673409

by\_1808 | 1.466667 1.157808 1.27 0.205 -.8042055 3.737539

by\_1809 | .2252102 1.312768 0.17 0.864 -2.349593 2.800013

by\_1810 | .3308133 1.112101 0.30 0.766 -1.850412 2.512039

by\_1811 | .0815133 1.094589 0.07 0.941 -2.065364 2.228391

by\_1812 | .1493787 1.132264 0.13 0.895 -2.071393 2.37015

by\_1813 | .2034335 1.154879 0.18 0.860 -2.061694 2.468561

by\_1814 | -.8388817 1.151409 -0.73 0.466 -3.097203 1.41944

by\_1815 | -.9559002 1.332605 -0.72 0.473 -3.569611 1.65781

by\_1816 | .1301307 1.299699 0.10 0.920 -2.419039 2.679301

by\_1817 | -.6699865 1.281843 -0.52 0.601 -3.184135 1.844162

by\_1818 | .0829346 1.258702 0.07 0.947 -2.385827 2.551696

by\_1819 | -.8385876 1.326881 -0.63 0.527 -3.441071 1.763896

by\_1820 | .1776716 1.32848 0.13 0.894 -2.427949 2.783292

by\_1821 | -2.967492 2.01899 -1.47 0.142 -6.927447 .9924624

by\_1822 | -.5953621 1.533957 -0.39 0.698 -3.603996 2.413272

by\_1823 | -2.295806 2.188264 -1.05 0.294 -6.587768 1.996157

by\_1824 | -1.715839 2.057759 -0.83 0.404 -5.751834 2.320156

by\_1825 | -1.428676 2.012714 -0.71 0.478 -5.376321 2.518969

by\_1826 | -2.11232 1.964901 -1.08 0.283 -5.966188 1.741549

by\_1827 | -3.454139 2.032839 -1.70 0.089 -7.441258 .5329795

by\_1828 | -1.823229 2.03316 -0.90 0.370 -5.810978 2.164519

by\_1829 | -2.616322 1.987526 -1.32 0.188 -6.514565 1.281921

by\_1830 | -2.524151 2.018413 -1.25 0.211 -6.482975 1.434673

by\_1831 | -2.171936 2.065931 -1.05 0.293 -6.223959 1.880087

by\_1832 | -2.872333 2.058212 -1.40 0.163 -6.909216 1.164551

by\_1833 | -2.055557 2.045365 -1.00 0.315 -6.067244 1.956129

by\_1834 | -2.516896 2.034645 -1.24 0.216 -6.507556 1.473764

by\_1835 | -2.568696 2.044326 -1.26 0.209 -6.578345 1.440952

by\_1836 | -3.002954 2.052965 -1.46 0.144 -7.029546 1.023639

by\_1837 | -3.329784 2.062957 -1.61 0.107 -7.375975 .7164065

by\_1838 | -2.949574 2.103284 -1.40 0.161 -7.074861 1.175712

by\_1839 | -2.835366 2.132821 -1.33 0.184 -7.018585 1.347854

by\_1840 | -2.780843 2.110806 -1.32 0.188 -6.920882 1.359196

by\_1841 | -3.482444 2.126005 -1.64 0.102 -7.652295 .6874067

by\_1842 | -3.378939 2.125826 -1.59 0.112 -7.548438 .7905593

by\_1843 | -3.390906 2.108994 -1.61 0.108 -7.527391 .7455788

by\_1844 | -3.814901 2.123179 -1.80 0.073 -7.979208 .3494061

by\_1845 | -3.450999 2.132557 -1.62 0.106 -7.633699 .7317013

by\_1846 | -3.581934 2.143992 -1.67 0.095 -7.787063 .6231948

by\_1847 | -3.136588 2.17258 -1.44 0.149 -7.397789 1.124612

by\_1848 | -3.984246 2.175737 -1.83 0.067 -8.251639 .2831469

by\_1849 | -4.140614 2.174186 -1.90 0.057 -8.404965 .1237371

by\_1850 | -3.986182 2.182763 -1.83 0.068 -8.267355 .2949905

by\_1851 | -3.985731 2.191856 -1.82 0.069 -8.284737 .3132751

by\_1852 | -2.962155 2.237818 -1.32 0.186 -7.351309 1.426999

by\_1853 | -3.091232 2.327477 -1.33 0.184 -7.656239 1.473775

yr\_1832 | -3.247619 2.272812 -1.43 0.153 -7.705409 1.210171

yr\_1833 | -3.833333 2.340865 -1.64 0.102 -8.424601 .7579342

yr\_1834 | -2.459944 2.102098 -1.17 0.242 -6.582904 1.663016

yr\_1835 | -2.2 1.964909 -1.12 0.263 -6.053883 1.653883

yr\_1836 | -3.6724 2.084775 -1.76 0.078 -7.761382 .4165831

yr\_1837 | -3.420779 2.071616 -1.65 0.099 -7.483954 .6423948

yr\_1838 | -2.5173 2.138724 -1.18 0.239 -6.712096 1.677495

yr\_1839 | -2.164914 2.099563 -1.03 0.303 -6.282902 1.953074

yr\_1840 | -3.019404 2.109563 -1.43 0.153 -7.157005 1.118197

yr\_1841 | -3.382959 2.130167 -1.59 0.112 -7.560972 .7950531

yr\_1842 | -1.862127 2.168276 -0.86 0.391 -6.114885 2.390631

yr\_1843 | -2.074008 2.171721 -0.96 0.340 -6.333524 2.185508

yr\_1844 | -2.100477 2.17217 -0.97 0.334 -6.360873 2.159919

yr\_1845 | -1.602848 2.154857 -0.74 0.457 -5.829287 2.623591

yr\_1846 | -1.286674 2.388272 -0.54 0.590 -5.970922 3.397573

yr\_1847 | -.7208613 2.843632 -0.25 0.800 -6.298233 4.85651

yr\_1848 | -1.13662 2.721964 -0.42 0.676 -6.475357 4.202117

yr\_1849 | -.8117543 2.744682 -0.30 0.767 -6.195049 4.571541

yr\_1850 | .0613831 2.73258 0.02 0.982 -5.298175 5.420941

yr\_1851 | -.3391092 2.65536 -0.13 0.898 -5.547211 4.868993

yr\_1852 | .0620288 2.584307 0.02 0.981 -5.006714 5.130772

yr\_1853 | -.2470963 2.674789 -0.09 0.926 -5.493307 4.999114

yr\_1854 | -.8817647 2.667216 -0.33 0.741 -6.113121 4.349592

yr\_1855 | -1.039508 2.686254 -0.39 0.699 -6.308206 4.229189

yr\_1856 | -.6918354 2.7266 -0.25 0.800 -6.039666 4.655995

yr\_1857 | -.6961387 2.695307 -0.26 0.796 -5.982592 4.590315

yr\_1858 | -.1953555 2.691092 -0.07 0.942 -5.473542 5.082831

yr\_1859 | -.3085371 2.672864 -0.12 0.908 -5.550972 4.933897

yr\_1860 | .0143427 2.686307 0.01 0.996 -5.254457 5.283143

yr\_1861 | -.0683649 2.703133 -0.03 0.980 -5.370168 5.233439

yr\_1862 | -.1988154 2.705418 -0.07 0.941 -5.505099 5.107468

yr\_1863 | 1.24751 2.836015 0.44 0.660 -4.314922 6.809942

yr\_1865 | -.154394 2.945511 -0.05 0.958 -5.931587 5.622799

yr\_1866 | -.0091003 2.728845 -0.00 0.997 -5.361333 5.343132

yr\_1867 | .5455143 2.733156 0.20 0.842 -4.815173 5.906202

yr\_1868 | .0598624 2.748153 0.02 0.983 -5.33024 5.449965

yr\_1869 | .3529247 2.746685 0.13 0.898 -5.034298 5.740148

yr\_1870 | .8799487 2.757002 0.32 0.750 -4.527509 6.287407

yr\_1871 | 1.172643 2.794761 0.42 0.675 -4.308874 6.65416

yr\_1872 | .6419605 2.779251 0.23 0.817 -4.809136 6.093057

yr\_1873 | 1.058583 2.806993 0.38 0.706 -4.446926 6.564093

yr\_1874 | .7600668 2.773705 0.27 0.784 -4.680152 6.200286

yr\_1875 | 1.090746 2.780971 0.39 0.695 -4.363723 6.545216

yr\_1876 | 1.012444 2.794411 0.36 0.717 -4.468387 6.493274

\_cons | 69.53333 2.159049 32.21 0.000 65.29867 73.76799

------------------------------------------------------------------------------

. test $YR\_dums

( 1) yr\_1832 = 0

( 2) yr\_1833 = 0

( 3) yr\_1834 = 0

( 4) yr\_1835 = 0

( 5) yr\_1836 = 0

( 6) yr\_1837 = 0

( 7) yr\_1838 = 0

( 8) yr\_1839 = 0

( 9) yr\_1840 = 0

(10) yr\_1841 = 0

(11) yr\_1842 = 0

(12) yr\_1843 = 0

(13) yr\_1844 = 0

(14) yr\_1845 = 0

(15) yr\_1846 = 0

(16) yr\_1847 = 0

(17) yr\_1848 = 0

(18) yr\_1849 = 0

(19) yr\_1850 = 0

(20) yr\_1851 = 0

(21) yr\_1852 = 0

(22) yr\_1853 = 0

(23) yr\_1854 = 0

(24) yr\_1855 = 0

(25) yr\_1856 = 0

(26) yr\_1857 = 0

(27) yr\_1858 = 0

(28) yr\_1859 = 0

(29) yr\_1860 = 0

(30) yr\_1861 = 0

(31) yr\_1862 = 0

(32) yr\_1863 = 0

(33) yr\_1865 = 0

(34) yr\_1866 = 0

(35) yr\_1867 = 0

(36) yr\_1868 = 0

(37) yr\_1869 = 0

(38) yr\_1870 = 0

(39) yr\_1871 = 0

(40) yr\_1872 = 0

(41) yr\_1873 = 0

(42) yr\_1874 = 0

(43) yr\_1875 = 0

(44) yr\_1876 = 0

F( 44, 1707) = 0.94

Prob > F = 0.5929

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff , robust

Linear regression Number of obs = 1800

F(212, 1587) = 1.56

Prob > F = 0.0000

R-squared = 0.1262

Root MSE = 2.5373

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1806 | -2.942857 3.272439 -0.90 0.369 -9.361615 3.475901

by\_1807 | -.3333333 1.589895 -0.21 0.834 -3.451849 2.785182

by\_1808 | 1.466667 1.200784 1.22 0.222 -.8886228 3.821956

by\_1809 | -.7619048 1.686776 -0.45 0.652 -4.070449 2.546639

by\_1810 | 3.015327 3.14949 0.96 0.339 -3.162271 9.192925

by\_1811 | -1.528571 3.091469 -0.49 0.621 -7.592363 4.535221

by\_1812 | .8666667 1.434885 0.60 0.546 -1.947803 3.681136

by\_1813 | -1.895238 3.028449 -0.63 0.532 -7.83542 4.044943

by\_1814 | .515327 3.010081 0.17 0.864 -5.388826 6.41948

by\_1815 | .7380952 2.62059 0.28 0.778 -4.402087 5.878278

by\_1816 | -1.402814 3.309498 -0.42 0.672 -7.894263 5.088634

by\_1817 | -.3333333 2.369767 -0.14 0.888 -4.981536 4.314869

by\_1818 | -.8619048 2.606752 -0.33 0.741 -5.974944 4.251134

by\_1819 | -.2619048 2.690385 -0.10 0.922 -5.538986 5.015177

by\_1820 | .7380952 2.608057 0.28 0.777 -4.377503 5.853694

by\_1821 | -3.831981 3.135273 -1.22 0.222 -9.981693 2.317731

by\_1822 | -1.095238 2.770823 -0.40 0.693 -6.530096 4.33962

by\_1823 | -2.903571 3.655255 -0.79 0.427 -10.07321 4.266065

by\_1824 | -4.343315 3.302684 -1.32 0.189 -10.8214 2.134766

by\_1825 | 1.436985 4.559288 0.32 0.753 -7.505876 10.37985

by\_1826 | 2.901271 4.500206 0.64 0.519 -5.925703 11.72825

by\_1827 | -4.495238 3.176644 -1.42 0.157 -10.7261 1.735622

by\_1828 | -3.220238 3.158413 -1.02 0.308 -9.415339 2.974863

by\_1829 | -2.458874 3.084204 -0.80 0.425 -8.508417 3.590668

by\_1830 | 1.567938 4.424899 0.35 0.723 -7.111324 10.2472

by\_1831 | 1.184482 4.876366 0.24 0.808 -8.380314 10.74928

by\_1832 | .3893662 4.437452 0.09 0.930 -8.314519 9.093251

by\_1833 | -.593967 4.45452 -0.13 0.894 -9.331329 8.143395

by\_1834 | -.7082528 4.600845 -0.15 0.878 -9.732626 8.31612

by\_1835 | .4917472 4.417732 0.11 0.911 -8.173457 9.156952

by\_1836 | -1.020125 3.296997 -0.31 0.757 -7.487053 5.446804

by\_1837 | .2750806 4.317127 0.06 0.949 -8.19279 8.742951

by\_1838 | .5806361 4.284302 0.14 0.892 -7.82285 8.984123

by\_1839 | -1.961283 4.199137 -0.47 0.641 -10.19772 6.275156

by\_1840 | -1.08098 4.210333 -0.26 0.797 -9.339379 7.177419

by\_1841 | -.3952657 4.225141 -0.09 0.925 -8.682711 7.892179

by\_1842 | .21902 4.178017 0.05 0.958 -7.975993 8.414033

by\_1843 | -1.08098 3.390273 -0.32 0.750 -7.730866 5.568906

by\_1844 | -1.074919 4.196474 -0.26 0.798 -9.306135 7.156296

by\_1845 | 2.374576 4.271889 0.56 0.578 -6.004563 10.75371

by\_1846 | -.8476467 4.080825 -0.21 0.835 -8.852022 7.156729

by\_1847 | -1.014313 4.021417 -0.25 0.801 -8.902162 6.873535

by\_1848 | .31902 4.126252 0.08 0.938 -7.774458 8.412498

by\_1849 | -1.222647 3.997923 -0.31 0.760 -9.064412 6.619119

by\_1850 | -.7476467 3.737034 -0.20 0.841 -8.077689 6.582396

by\_1851 | -.68098 4.121159 -0.17 0.869 -8.764468 7.402508

by\_1852 | 1.223782 4.025638 0.30 0.761 -6.672346 9.119909

by\_1853 | .1068988 4.023789 0.03 0.979 -7.785602 7.9994

yr\_1832 | -3.247619 2.357175 -1.38 0.168 -7.871123 1.375885

yr\_1833 | -3.833333 2.427754 -1.58 0.115 -8.595276 .9286097

yr\_1834 | -.8619048 3.81858 -0.23 0.821 -8.351897 6.628087

yr\_1835 | -2.2 2.037843 -1.08 0.280 -6.197147 1.797147

yr\_1836 | -1.304762 3.604892 -0.36 0.717 -8.375612 5.766089

yr\_1837 | -5.54866 3.583374 -1.55 0.122 -12.5773 1.479984

yr\_1838 | -3.54866 3.62381 -0.98 0.328 -10.65662 3.559298

yr\_1839 | -4.271429 3.322845 -1.29 0.199 -10.78906 2.246199

yr\_1840 | -3.2 2.375057 -1.35 0.178 -7.858578 1.458578

yr\_1841 | -1.838095 3.353694 -0.55 0.584 -8.416232 4.740041

yr\_1842 | -1.271429 3.404869 -0.37 0.709 -7.949943 5.407086

yr\_1843 | -4.063095 3.416656 -1.19 0.235 -10.76473 2.63854

yr\_1844 | -2.905803 3.272931 -0.89 0.375 -9.325526 3.51392

yr\_1845 | -1.771429 3.160039 -0.56 0.575 -7.969719 4.426862

yr\_1846 | -.4221859 3.403017 -0.12 0.901 -7.097067 6.252695

yr\_1847 | -.1130955 4.111933 -0.03 0.978 -8.178486 7.952295

yr\_1848 | -3.620319 4.977921 -0.73 0.467 -13.38431 6.143673

yr\_1849 | -6.884604 4.953033 -1.39 0.165 -16.59978 2.830571

yr\_1850 | .6702381 3.745694 0.18 0.858 -6.67679 8.017266

yr\_1851 | 1.609982 3.727043 0.43 0.666 -5.700464 8.920428

yr\_1852 | .5619048 3.511432 0.16 0.873 -6.325629 7.449438

yr\_1853 | -4.267938 4.863514 -0.88 0.380 -13.80753 5.27165

yr\_1854 | -5.434604 4.819589 -1.13 0.260 -14.88803 4.018826

yr\_1855 | -4.256033 4.889458 -0.87 0.384 -13.84651 5.334443

yr\_1856 | -2.739366 4.906939 -0.56 0.577 -12.36413 6.885398

yr\_1857 | -2.362581 4.964162 -0.48 0.634 -12.09959 7.374424

yr\_1858 | -4.450081 4.810682 -0.93 0.355 -13.88604 4.985879

yr\_1859 | -1.544459 3.650136 -0.42 0.672 -8.704054 5.615137

yr\_1860 | -3.9227 4.705333 -0.83 0.405 -13.15202 5.306623

yr\_1861 | -4.517816 4.723976 -0.96 0.339 -13.78371 4.748074

yr\_1862 | -2.225081 4.743363 -0.47 0.639 -11.529 7.078835

yr\_1863 | -.4523533 4.646036 -0.10 0.922 -9.565366 8.66066

yr\_1865 | -3.752353 4.682633 -0.80 0.423 -12.93715 5.432443

yr\_1866 | -2.294459 3.809278 -0.60 0.547 -9.766204 5.177287

yr\_1867 | -2.391747 4.597283 -0.52 0.603 -11.40913 6.625638

yr\_1868 | -6.365409 4.678369 -1.36 0.174 -15.54184 2.811024

yr\_1869 | -1.94705 4.512887 -0.43 0.666 -10.7989 6.904796

yr\_1870 | -1.852353 4.538849 -0.41 0.683 -10.75512 7.050417

yr\_1871 | -3.006199 4.559093 -0.66 0.510 -11.94868 5.936278

yr\_1872 | -2.421798 4.448772 -0.54 0.586 -11.14789 6.30429

yr\_1873 | -1.11902 4.096459 -0.27 0.785 -9.154059 6.916019

yr\_1874 | -2.125081 4.546536 -0.47 0.640 -11.04293 6.792767

yr\_1875 | -3.479337 4.484658 -0.78 0.438 -12.27581 5.317139

yr\_1876 | -2.185687 4.331663 -0.50 0.614 -10.68207 6.310696

y1834\_b1806 | .7714286 2.527218 0.31 0.760 -4.185608 5.728465

y1834\_b1809 | .3761905 3.5475 0.11 0.916 -6.582088 7.334469

y1834\_b1810 | -5.686756 3.136426 -1.81 0.070 -11.83873 .4652179

y1835\_b1806 | 1.609524 3.317387 0.49 0.628 -4.897398 8.116445

y1835\_b1810 | -1.94866 3.151063 -0.62 0.536 -8.129345 4.232024

y1835\_b1811 | 1.528571 3.081261 0.50 0.620 -4.515198 7.572341

y1836\_b1810 | -4.910565 2.603954 -1.89 0.060 -10.01812 .1969861

y1836\_b1812 | -3.511905 2.89695 -1.21 0.226 -9.194156 2.170347

y1837\_b1811 | 4.401041 2.499354 1.76 0.078 -.5013414 9.303424

y1837\_b1813 | 3.577232 2.38518 1.50 0.134 -1.101203 8.255666

y1838\_b1812 | -1.05134 3.088975 -0.34 0.734 -7.11024 5.007561

y1838\_b1813 | 3.660565 2.4213 1.51 0.131 -1.088718 8.409848

y1839\_b1811 | 3.766667 2.258295 1.67 0.096 -.6628879 8.196221

y1839\_b1812 | 1.271429 2.453043 0.52 0.604 -3.540116 6.082974

y1839\_b1814 | 1.097768 1.919751 0.57 0.568 -2.667747 4.863283

y1840\_b1811 | .9952381 3.054697 0.33 0.745 -4.996428 6.986905

y1840\_b1814 | .1513397 2.661144 0.06 0.955 -5.068388 5.371067

y1840\_b1815 | -3.671429 2.708437 -1.36 0.175 -8.983918 1.641061

y1840\_b1816 | 3.402814 3.003932 1.13 0.257 -2.489277 9.294906

y1841\_b1814 | -4.410565 2.138097 -2.06 0.039 -8.604357 -.2167728

y1841\_b1817 | -.6952381 1.698804 -0.41 0.682 -4.027373 2.636897

y1842\_b1814 | -2.577232 2.1341 -1.21 0.227 -6.763184 1.60872

y1842\_b1815 | -.6 1.980396 -0.30 0.762 -4.484468 3.284468

y1842\_b1816 | -.4840906 2.754964 -0.18 0.861 -5.887842 4.919661

y1842\_b1817 | -1.928571 2.111377 -0.91 0.361 -6.069953 2.21281

y1842\_b1818 | .6 1.694475 0.35 0.723 -2.723645 3.923645

y1843\_b1814 | .0144349 2.813552 0.01 0.996 -5.504235 5.533104

y1843\_b1815 | 1.375 1.396511 0.98 0.325 -1.364201 4.114201

y1843\_b1817 | 1.519345 1.817767 0.84 0.403 -2.046133 5.084823

y1843\_b1818 | 3.704167 1.466006 2.53 0.012 .8286551 6.579678

y1844\_b1816 | 2.608617 2.354391 1.11 0.268 -2.009426 7.226661

y1844\_b1818 | 1.651041 1.532959 1.08 0.282 -1.355797 4.657879

y1844\_b1819 | -.5156254 1.686559 -0.31 0.760 -3.823743 2.792492

y1848\_b1823 | 3.090556 4.108218 0.75 0.452 -4.967549 11.14866

y1848\_b1824 | 4.7303 3.92987 1.20 0.229 -2.977983 12.43858

y1849\_b1824 | 9.759585 3.852844 2.53 0.011 2.202386 17.31679

y1850\_b1826 | -5.104842 3.87303 -1.32 0.188 -12.70164 2.491951

y1851\_b1825 | -5.246967 3.74759 -1.40 0.162 -12.59771 2.10378

y1851\_b1826 | -8.044586 3.591665 -2.24 0.025 -15.08949 -.9996788

y1851\_b1827 | .1519231 1.861767 0.08 0.935 -3.499859 3.803705

y1852\_b1826 | -5.218731 3.401644 -1.53 0.125 -11.89092 1.453458

y1853\_b1825 | 1.547619 1.966891 0.79 0.431 -2.310359 5.405597

y1853\_b1826 | -.452381 1.413094 -0.32 0.749 -3.224107 2.319345

y1853\_b1829 | 2.393479 3.651851 0.66 0.512 -4.76948 9.556438

y1855\_b1829 | 4.381574 3.698619 1.18 0.236 -2.873119 11.63627

y1855\_b1830 | -1.011905 1.879438 -0.54 0.590 -4.698347 2.674537

y1855\_b1831 | -.8617828 3.109531 -0.28 0.782 -6.961002 5.237437

y1856\_b1831 | -.3784493 3.089107 -0.12 0.903 -6.437609 5.68071

y1856\_b1832 | -1.405555 2.269032 -0.62 0.536 -5.85617 3.04506

y1857\_b1829 | 1.938122 3.609543 0.54 0.591 -5.141852 9.018096

y1857\_b1831 | -1.334401 2.967179 -0.45 0.653 -7.154404 4.485601

y1857\_b1832 | -2.660119 2.883322 -0.92 0.356 -8.315639 2.995402

y1857\_b1833 | -.4196427 1.876135 -0.22 0.823 -4.099606 3.260321

y1858\_b1830 | .4821426 2.01751 0.24 0.811 -3.475122 4.439407

y1858\_b1832 | 2.677381 2.603704 1.03 0.304 -2.42968 7.784442

y1858\_b1833 | 3.248214 1.602897 2.03 0.043 .1041964 6.392233

y1858\_b1834 | 2.232143 1.692769 1.32 0.187 -1.088155 5.552441

y1859\_b1830 | -2.945701 3.282004 -0.90 0.370 -9.383221 3.491819

y1859\_b1831 | -2.563356 3.771803 -0.68 0.497 -9.961598 4.834885

y1859\_b1832 | -1.19967 3.146181 -0.38 0.703 -7.370778 4.971439

y1859\_b1833 | -.5824077 3.225938 -0.18 0.857 -6.909956 5.74514

y1859\_b1834 | -.6851672 3.40036 -0.20 0.840 -7.354836 5.984502

y1859\_b1835 | -1.284193 3.150651 -0.41 0.684 -7.464069 4.895682

y1860\_b1831 | .9191696 3.12088 0.29 0.768 -5.202312 7.040651

y1860\_b1833 | 3.158333 1.98467 1.59 0.112 -.7345168 7.051183

y1860\_b1834 | 1.919048 2.196013 0.87 0.382 -2.388344 6.226439

y1860\_b1835 | .9203462 1.801606 0.51 0.610 -2.613431 4.454124

y1860\_b1836 | 2.190047 2.873138 0.76 0.446 -3.445498 7.825592

y1861\_b1833 | 3.550672 1.646346 2.16 0.031 .3214305 6.779913

y1861\_b1834 | 3.657021 2.049489 1.78 0.075 -.3629693 7.677011

y1861\_b1835 | 1.207021 1.463221 0.82 0.410 -1.663029 4.07707

y1861\_b1836 | 3.449051 2.9299 1.18 0.239 -2.297829 9.195932

y1861\_b1837 | .5531517 1.660424 0.33 0.739 -2.703703 3.810006

y1862\_b1836 | -1.145271 2.958489 -0.39 0.699 -6.948228 4.657686

y1862\_b1837 | -.9833333 1.633041 -0.60 0.547 -4.186478 2.219811

y1866\_b1838 | -2.013955 2.765003 -0.73 0.466 -7.437399 3.409488

y1866\_b1839 | 2.555742 2.620521 0.98 0.330 -2.584306 7.695789

y1866\_b1840 | .369883 2.597548 0.14 0.887 -4.725103 5.464869

y1866\_b1841 | -.6163363 2.706202 -0.23 0.820 -5.924443 4.691771

y1866\_b1842 | -1.282895 2.628415 -0.49 0.626 -6.438425 3.872635

y1867\_b1839 | 1.538447 2.245724 0.69 0.493 -2.866451 5.943345

y1867\_b1840 | 1.772727 2.214706 0.80 0.424 -2.571329 6.116784

y1867\_b1841 | .3566208 2.279767 0.16 0.876 -4.11505 4.828292

y1867\_b1842 | -1.877273 2.228196 -0.84 0.400 -6.247791 2.493245

y1867\_b1843 | .7697511 2.55094 0.30 0.763 -4.233816 5.773318

y1868\_b1839 | 5.960025 2.475952 2.41 0.016 1.103546 10.81651

y1868\_b1840 | 5.163056 2.410255 2.14 0.032 .4354371 9.890674

y1868\_b1841 | 2.727341 2.513804 1.08 0.278 -2.203384 7.658066

y1868\_b1842 | 2.238056 2.374331 0.94 0.346 -2.419099 6.89521

y1868\_b1843 | 4.52844 2.813206 1.61 0.108 -.9895514 10.04643

y1868\_b1844 | 4.186407 2.372028 1.76 0.078 -.4662307 8.839044

y1869\_b1840 | .1613636 1.428719 0.11 0.910 -2.641012 2.96374

y1869\_b1841 | -1.421787 1.545059 -0.92 0.358 -4.452359 1.608786

y1869\_b1842 | -.3719697 1.279238 -0.29 0.771 -2.881144 2.137205

y1869\_b1843 | -.505303 2.398968 -0.21 0.833 -5.210782 4.200176

y1869\_b1844 | -.6652098 2.139922 -0.31 0.756 -4.86258 3.532161

y1869\_b1845 | -3.270382 2.166109 -1.51 0.131 -7.519119 .978354

y1870\_b1843 | -.1 2.722232 -0.04 0.971 -5.439549 5.239549

y1870\_b1845 | -3.455556 2.243348 -1.54 0.124 -7.855793 .944682

y1871\_b1845 | -1.615995 2.250319 -0.72 0.473 -6.029905 2.797915

y1871\_b1847 | 1.903846 1.879569 1.01 0.311 -1.782853 5.590545

y1872\_b1844 | .5633838 2.182653 0.26 0.796 -3.717803 4.84457

y1872\_b1845 | -.9861111 2.233185 -0.44 0.659 -5.366413 3.394191

y1872\_b1846 | -.1388889 1.606142 -0.09 0.931 -3.289272 3.011494

y1872\_b1847 | .1527778 1.464538 0.10 0.917 -2.719855 3.02541

y1872\_b1848 | -1.276709 1.750347 -0.73 0.466 -4.709945 2.156526

y1873\_b1847 | .7666667 2.30048 0.33 0.739 -3.745632 5.278966

y1873\_b1848 | -4.233333 2.113303 -2.00 0.045 -8.378493 -.0881737

y1873\_b1849 | -.9189394 1.775364 -0.52 0.605 -4.401244 2.563366

y1874\_b1845 | -5.182828 2.451494 -2.11 0.035 -9.991335 -.3743219

y1874\_b1846 | -.2878788 1.851572 -0.16 0.876 -3.919662 3.343905

y1874\_b1847 | 1.706061 1.89564 0.90 0.368 -2.012162 5.424283

y1874\_b1849 | .0871212 1.764871 0.05 0.961 -3.374602 3.548845

y1874\_b1850 | -.1606061 2.03918 -0.08 0.937 -4.160375 3.839163

y1875\_b1846 | 2.193651 1.743117 1.26 0.208 -1.225404 5.612705

y1875\_b1847 | 2.860317 1.556324 1.84 0.066 -.1923496 5.912985

y1875\_b1848 | .8769841 1.821982 0.48 0.630 -2.696761 4.450729

y1875\_b1849 | 2.001984 1.711478 1.17 0.242 -1.355012 5.358981

y1875\_b1850 | .4628816 1.798052 0.26 0.797 -3.063926 3.989689

y1875\_b1851 | .8936508 1.816417 0.49 0.623 -2.669177 4.456479

\_cons | 69.53333 2.239189 31.05 0.000 65.14125 73.92541

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1834\_b1806 = 0

( 2) y1834\_b1809 = 0

( 3) y1834\_b1810 = 0

( 4) y1835\_b1806 = 0

( 5) y1835\_b1810 = 0

( 6) y1835\_b1811 = 0

( 7) y1836\_b1810 = 0

( 8) y1836\_b1812 = 0

( 9) y1837\_b1811 = 0

(10) y1837\_b1813 = 0

(11) y1838\_b1812 = 0

(12) y1838\_b1813 = 0

(13) y1839\_b1811 = 0

(14) y1839\_b1812 = 0

(15) y1839\_b1814 = 0

(16) y1840\_b1811 = 0

(17) y1840\_b1814 = 0

(18) y1840\_b1815 = 0

(19) y1840\_b1816 = 0

(20) y1841\_b1814 = 0

(21) y1841\_b1817 = 0

(22) y1842\_b1814 = 0

(23) y1842\_b1815 = 0

(24) y1842\_b1816 = 0

(25) y1842\_b1817 = 0

(26) y1842\_b1818 = 0

(27) y1843\_b1814 = 0

(28) y1843\_b1815 = 0

(29) y1843\_b1817 = 0

(30) y1843\_b1818 = 0

(31) y1844\_b1816 = 0

(32) y1844\_b1818 = 0

(33) y1844\_b1819 = 0

(34) y1848\_b1823 = 0

(35) y1848\_b1824 = 0

(36) y1849\_b1824 = 0

(37) y1850\_b1826 = 0

(38) y1851\_b1825 = 0

(39) y1851\_b1826 = 0

(40) y1851\_b1827 = 0

(41) y1852\_b1826 = 0

(42) y1853\_b1825 = 0

(43) y1853\_b1826 = 0

(44) y1853\_b1829 = 0

(45) y1855\_b1829 = 0

(46) y1855\_b1830 = 0

(47) y1855\_b1831 = 0

(48) y1856\_b1831 = 0

(49) y1856\_b1832 = 0

(50) y1857\_b1829 = 0

(51) y1857\_b1831 = 0

(52) y1857\_b1832 = 0

(53) y1857\_b1833 = 0

(54) y1858\_b1830 = 0

(55) y1858\_b1832 = 0

(56) y1858\_b1833 = 0

(57) y1858\_b1834 = 0

(58) y1859\_b1830 = 0

(59) y1859\_b1831 = 0

(60) y1859\_b1832 = 0

(61) y1859\_b1833 = 0

(62) y1859\_b1834 = 0

(63) y1859\_b1835 = 0

(64) y1860\_b1831 = 0

(65) y1860\_b1833 = 0

(66) y1860\_b1834 = 0

(67) y1860\_b1835 = 0

(68) y1860\_b1836 = 0

(69) y1861\_b1833 = 0

(70) y1861\_b1834 = 0

(71) y1861\_b1835 = 0

(72) y1861\_b1836 = 0

(73) y1861\_b1837 = 0

(74) y1862\_b1836 = 0

(75) y1862\_b1837 = 0

(76) y1866\_b1838 = 0

(77) y1866\_b1839 = 0

(78) y1866\_b1840 = 0

(79) y1866\_b1841 = 0

(80) y1866\_b1842 = 0

(81) y1867\_b1839 = 0

(82) y1867\_b1840 = 0

(83) y1867\_b1841 = 0

(84) y1867\_b1842 = 0

(85) y1867\_b1843 = 0

(86) y1868\_b1839 = 0

(87) y1868\_b1840 = 0

(88) y1868\_b1841 = 0

(89) y1868\_b1842 = 0

(90) y1868\_b1843 = 0

(91) y1868\_b1844 = 0

(92) y1869\_b1840 = 0

(93) y1869\_b1841 = 0

(94) y1869\_b1842 = 0

(95) y1869\_b1843 = 0

(96) y1869\_b1844 = 0

(97) y1869\_b1845 = 0

(98) y1870\_b1843 = 0

(99) y1870\_b1845 = 0

(100) y1871\_b1845 = 0

(101) y1871\_b1847 = 0

(102) y1872\_b1844 = 0

(103) y1872\_b1845 = 0

(104) y1872\_b1846 = 0

(105) y1872\_b1847 = 0

(106) y1872\_b1848 = 0

(107) y1873\_b1847 = 0

(108) y1873\_b1848 = 0

(109) y1873\_b1849 = 0

(110) y1874\_b1845 = 0

(111) y1874\_b1846 = 0

(112) y1874\_b1847 = 0

(113) y1874\_b1849 = 0

(114) y1874\_b1850 = 0

(115) y1875\_b1846 = 0

(116) y1875\_b1847 = 0

(117) y1875\_b1848 = 0

(118) y1875\_b1849 = 0

(119) y1875\_b1850 = 0

(120) y1875\_b1851 = 0

F(120, 1587) = 1.22

Prob > F = 0.0606

. reg HEIGHT $OTHER\_Vars $BC\_dums $YR\_dums $More\_Eff , robust

Linear regression Number of obs = 1800

F(212, 1587) = 1.56

Prob > F = 0.0000

R-squared = 0.1262

Root MSE = 2.5373

------------------------------------------------------------------------------

| Robust

HEIGHT | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

by\_1806 | -2.942857 3.272439 -0.90 0.369 -9.361615 3.475901

by\_1807 | -.3333333 1.589895 -0.21 0.834 -3.451849 2.785182

by\_1808 | 1.466667 1.200784 1.22 0.222 -.8886228 3.821956

by\_1809 | -.7619048 1.686776 -0.45 0.652 -4.070449 2.546639

by\_1810 | 3.015327 3.14949 0.96 0.339 -3.162271 9.192925

by\_1811 | -1.528571 3.091469 -0.49 0.621 -7.592363 4.535221

by\_1812 | .8666667 1.434885 0.60 0.546 -1.947803 3.681136

by\_1813 | -1.895238 3.028449 -0.63 0.532 -7.83542 4.044943

by\_1814 | .515327 3.010081 0.17 0.864 -5.388826 6.41948

by\_1815 | .7380952 2.62059 0.28 0.778 -4.402087 5.878278

by\_1816 | -1.402814 3.309498 -0.42 0.672 -7.894263 5.088634

by\_1817 | -.3333333 2.369767 -0.14 0.888 -4.981536 4.314869

by\_1818 | -.8619048 2.606752 -0.33 0.741 -5.974944 4.251134

by\_1819 | -.2619048 2.690385 -0.10 0.922 -5.538986 5.015177

by\_1820 | .7380952 2.608057 0.28 0.777 -4.377503 5.853694

by\_1821 | -3.831981 3.135273 -1.22 0.222 -9.981693 2.317731

by\_1822 | -1.095238 2.770823 -0.40 0.693 -6.530096 4.33962

by\_1823 | -2.903571 3.655255 -0.79 0.427 -10.07321 4.266065

by\_1824 | -4.343315 3.302684 -1.32 0.189 -10.8214 2.134766

by\_1825 | 1.436985 4.559288 0.32 0.753 -7.505876 10.37985

by\_1826 | 2.901271 4.500206 0.64 0.519 -5.925703 11.72825

by\_1827 | -4.495238 3.176644 -1.42 0.157 -10.7261 1.735622

by\_1828 | -3.220238 3.158413 -1.02 0.308 -9.415339 2.974863

by\_1829 | -2.458874 3.084204 -0.80 0.425 -8.508417 3.590668

by\_1830 | 1.567938 4.424899 0.35 0.723 -7.111324 10.2472

by\_1831 | 1.184482 4.876366 0.24 0.808 -8.380314 10.74928

by\_1832 | .3893662 4.437452 0.09 0.930 -8.314519 9.093251

by\_1833 | -.593967 4.45452 -0.13 0.894 -9.331329 8.143395

by\_1834 | -.7082528 4.600845 -0.15 0.878 -9.732626 8.31612

by\_1835 | .4917472 4.417732 0.11 0.911 -8.173457 9.156952

by\_1836 | -1.020125 3.296997 -0.31 0.757 -7.487053 5.446804

by\_1837 | .2750806 4.317127 0.06 0.949 -8.19279 8.742951

by\_1838 | .5806361 4.284302 0.14 0.892 -7.82285 8.984123

by\_1839 | -1.961283 4.199137 -0.47 0.641 -10.19772 6.275156

by\_1840 | -1.08098 4.210333 -0.26 0.797 -9.339379 7.177419

by\_1841 | -.3952657 4.225141 -0.09 0.925 -8.682711 7.892179

by\_1842 | .21902 4.178017 0.05 0.958 -7.975993 8.414033

by\_1843 | -1.08098 3.390273 -0.32 0.750 -7.730866 5.568906

by\_1844 | -1.074919 4.196474 -0.26 0.798 -9.306135 7.156296

by\_1845 | 2.374576 4.271889 0.56 0.578 -6.004563 10.75371

by\_1846 | -.8476467 4.080825 -0.21 0.835 -8.852022 7.156729

by\_1847 | -1.014313 4.021417 -0.25 0.801 -8.902162 6.873535

by\_1848 | .31902 4.126252 0.08 0.938 -7.774458 8.412498

by\_1849 | -1.222647 3.997923 -0.31 0.760 -9.064412 6.619119

by\_1850 | -.7476467 3.737034 -0.20 0.841 -8.077689 6.582396

by\_1851 | -.68098 4.121159 -0.17 0.869 -8.764468 7.402508

by\_1852 | 1.223782 4.025638 0.30 0.761 -6.672346 9.119909

by\_1853 | .1068988 4.023789 0.03 0.979 -7.785602 7.9994

yr\_1832 | -3.247619 2.357175 -1.38 0.168 -7.871123 1.375885

yr\_1833 | -3.833333 2.427754 -1.58 0.115 -8.595276 .9286097

yr\_1834 | -.8619048 3.81858 -0.23 0.821 -8.351897 6.628087

yr\_1835 | -2.2 2.037843 -1.08 0.280 -6.197147 1.797147

yr\_1836 | -1.304762 3.604892 -0.36 0.717 -8.375612 5.766089

yr\_1837 | -5.54866 3.583374 -1.55 0.122 -12.5773 1.479984

yr\_1838 | -3.54866 3.62381 -0.98 0.328 -10.65662 3.559298

yr\_1839 | -4.271429 3.322845 -1.29 0.199 -10.78906 2.246199

yr\_1840 | -3.2 2.375057 -1.35 0.178 -7.858578 1.458578

yr\_1841 | -1.838095 3.353694 -0.55 0.584 -8.416232 4.740041

yr\_1842 | -1.271429 3.404869 -0.37 0.709 -7.949943 5.407086

yr\_1843 | -4.063095 3.416656 -1.19 0.235 -10.76473 2.63854

yr\_1844 | -2.905803 3.272931 -0.89 0.375 -9.325526 3.51392

yr\_1845 | -1.771429 3.160039 -0.56 0.575 -7.969719 4.426862

yr\_1846 | -.4221859 3.403017 -0.12 0.901 -7.097067 6.252695

yr\_1847 | -.1130955 4.111933 -0.03 0.978 -8.178486 7.952295

yr\_1848 | -3.620319 4.977921 -0.73 0.467 -13.38431 6.143673

yr\_1849 | -6.884604 4.953033 -1.39 0.165 -16.59978 2.830571

yr\_1850 | .6702381 3.745694 0.18 0.858 -6.67679 8.017266

yr\_1851 | 1.609982 3.727043 0.43 0.666 -5.700464 8.920428

yr\_1852 | .5619048 3.511432 0.16 0.873 -6.325629 7.449438

yr\_1853 | -4.267938 4.863514 -0.88 0.380 -13.80753 5.27165

yr\_1854 | -5.434604 4.819589 -1.13 0.260 -14.88803 4.018826

yr\_1855 | -4.256033 4.889458 -0.87 0.384 -13.84651 5.334443

yr\_1856 | -2.739366 4.906939 -0.56 0.577 -12.36413 6.885398

yr\_1857 | -2.362581 4.964162 -0.48 0.634 -12.09959 7.374424

yr\_1858 | -4.450081 4.810682 -0.93 0.355 -13.88604 4.985879

yr\_1859 | -1.544459 3.650136 -0.42 0.672 -8.704054 5.615137

yr\_1860 | -3.9227 4.705333 -0.83 0.405 -13.15202 5.306623

yr\_1861 | -4.517816 4.723976 -0.96 0.339 -13.78371 4.748074

yr\_1862 | -2.225081 4.743363 -0.47 0.639 -11.529 7.078835

yr\_1863 | -.4523533 4.646036 -0.10 0.922 -9.565366 8.66066

yr\_1865 | -3.752353 4.682633 -0.80 0.423 -12.93715 5.432443

yr\_1866 | -2.294459 3.809278 -0.60 0.547 -9.766204 5.177287

yr\_1867 | -2.391747 4.597283 -0.52 0.603 -11.40913 6.625638

yr\_1868 | -6.365409 4.678369 -1.36 0.174 -15.54184 2.811024

yr\_1869 | -1.94705 4.512887 -0.43 0.666 -10.7989 6.904796

yr\_1870 | -1.852353 4.538849 -0.41 0.683 -10.75512 7.050417

yr\_1871 | -3.006199 4.559093 -0.66 0.510 -11.94868 5.936278

yr\_1872 | -2.421798 4.448772 -0.54 0.586 -11.14789 6.30429

yr\_1873 | -1.11902 4.096459 -0.27 0.785 -9.154059 6.916019

yr\_1874 | -2.125081 4.546536 -0.47 0.640 -11.04293 6.792767

yr\_1875 | -3.479337 4.484658 -0.78 0.438 -12.27581 5.317139

yr\_1876 | -2.185687 4.331663 -0.50 0.614 -10.68207 6.310696

y1834\_b1806 | .7714286 2.527218 0.31 0.760 -4.185608 5.728465

y1834\_b1809 | .3761905 3.5475 0.11 0.916 -6.582088 7.334469

y1834\_b1810 | -5.686756 3.136426 -1.81 0.070 -11.83873 .4652179

y1835\_b1806 | 1.609524 3.317387 0.49 0.628 -4.897398 8.116445

y1835\_b1810 | -1.94866 3.151063 -0.62 0.536 -8.129345 4.232024

y1835\_b1811 | 1.528571 3.081261 0.50 0.620 -4.515198 7.572341

y1836\_b1810 | -4.910565 2.603954 -1.89 0.060 -10.01812 .1969861

y1836\_b1812 | -3.511905 2.89695 -1.21 0.226 -9.194156 2.170347

y1837\_b1811 | 4.401041 2.499354 1.76 0.078 -.5013414 9.303424

y1837\_b1813 | 3.577232 2.38518 1.50 0.134 -1.101203 8.255666

y1838\_b1812 | -1.05134 3.088975 -0.34 0.734 -7.11024 5.007561

y1838\_b1813 | 3.660565 2.4213 1.51 0.131 -1.088718 8.409848

y1839\_b1811 | 3.766667 2.258295 1.67 0.096 -.6628879 8.196221

y1839\_b1812 | 1.271429 2.453043 0.52 0.604 -3.540116 6.082974

y1839\_b1814 | 1.097768 1.919751 0.57 0.568 -2.667747 4.863283

y1840\_b1811 | .9952381 3.054697 0.33 0.745 -4.996428 6.986905

y1840\_b1814 | .1513397 2.661144 0.06 0.955 -5.068388 5.371067

y1840\_b1815 | -3.671429 2.708437 -1.36 0.175 -8.983918 1.641061

y1840\_b1816 | 3.402814 3.003932 1.13 0.257 -2.489277 9.294906

y1841\_b1814 | -4.410565 2.138097 -2.06 0.039 -8.604357 -.2167728

y1841\_b1817 | -.6952381 1.698804 -0.41 0.682 -4.027373 2.636897

y1842\_b1814 | -2.577232 2.1341 -1.21 0.227 -6.763184 1.60872

y1842\_b1815 | -.6 1.980396 -0.30 0.762 -4.484468 3.284468

y1842\_b1816 | -.4840906 2.754964 -0.18 0.861 -5.887842 4.919661

y1842\_b1817 | -1.928571 2.111377 -0.91 0.361 -6.069953 2.21281

y1842\_b1818 | .6 1.694475 0.35 0.723 -2.723645 3.923645

y1843\_b1814 | .0144349 2.813552 0.01 0.996 -5.504235 5.533104

y1843\_b1815 | 1.375 1.396511 0.98 0.325 -1.364201 4.114201

y1843\_b1817 | 1.519345 1.817767 0.84 0.403 -2.046133 5.084823

y1843\_b1818 | 3.704167 1.466006 2.53 0.012 .8286551 6.579678

y1844\_b1816 | 2.608617 2.354391 1.11 0.268 -2.009426 7.226661

y1844\_b1818 | 1.651041 1.532959 1.08 0.282 -1.355797 4.657879

y1844\_b1819 | -.5156254 1.686559 -0.31 0.760 -3.823743 2.792492

y1848\_b1823 | 3.090556 4.108218 0.75 0.452 -4.967549 11.14866

y1848\_b1824 | 4.7303 3.92987 1.20 0.229 -2.977983 12.43858

y1849\_b1824 | 9.759585 3.852844 2.53 0.011 2.202386 17.31679

y1850\_b1826 | -5.104842 3.87303 -1.32 0.188 -12.70164 2.491951

y1851\_b1825 | -5.246967 3.74759 -1.40 0.162 -12.59771 2.10378

y1851\_b1826 | -8.044586 3.591665 -2.24 0.025 -15.08949 -.9996788

y1851\_b1827 | .1519231 1.861767 0.08 0.935 -3.499859 3.803705

y1852\_b1826 | -5.218731 3.401644 -1.53 0.125 -11.89092 1.453458

y1853\_b1825 | 1.547619 1.966891 0.79 0.431 -2.310359 5.405597

y1853\_b1826 | -.452381 1.413094 -0.32 0.749 -3.224107 2.319345

y1853\_b1829 | 2.393479 3.651851 0.66 0.512 -4.76948 9.556438

y1855\_b1829 | 4.381574 3.698619 1.18 0.236 -2.873119 11.63627

y1855\_b1830 | -1.011905 1.879438 -0.54 0.590 -4.698347 2.674537

y1855\_b1831 | -.8617828 3.109531 -0.28 0.782 -6.961002 5.237437

y1856\_b1831 | -.3784493 3.089107 -0.12 0.903 -6.437609 5.68071

y1856\_b1832 | -1.405555 2.269032 -0.62 0.536 -5.85617 3.04506

y1857\_b1829 | 1.938122 3.609543 0.54 0.591 -5.141852 9.018096

y1857\_b1831 | -1.334401 2.967179 -0.45 0.653 -7.154404 4.485601

y1857\_b1832 | -2.660119 2.883322 -0.92 0.356 -8.315639 2.995402

y1857\_b1833 | -.4196427 1.876135 -0.22 0.823 -4.099606 3.260321

y1858\_b1830 | .4821426 2.01751 0.24 0.811 -3.475122 4.439407

y1858\_b1832 | 2.677381 2.603704 1.03 0.304 -2.42968 7.784442

y1858\_b1833 | 3.248214 1.602897 2.03 0.043 .1041964 6.392233

y1858\_b1834 | 2.232143 1.692769 1.32 0.187 -1.088155 5.552441

y1859\_b1830 | -2.945701 3.282004 -0.90 0.370 -9.383221 3.491819

y1859\_b1831 | -2.563356 3.771803 -0.68 0.497 -9.961598 4.834885

y1859\_b1832 | -1.19967 3.146181 -0.38 0.703 -7.370778 4.971439

y1859\_b1833 | -.5824077 3.225938 -0.18 0.857 -6.909956 5.74514

y1859\_b1834 | -.6851672 3.40036 -0.20 0.840 -7.354836 5.984502

y1859\_b1835 | -1.284193 3.150651 -0.41 0.684 -7.464069 4.895682

y1860\_b1831 | .9191696 3.12088 0.29 0.768 -5.202312 7.040651

y1860\_b1833 | 3.158333 1.98467 1.59 0.112 -.7345168 7.051183

y1860\_b1834 | 1.919048 2.196013 0.87 0.382 -2.388344 6.226439

y1860\_b1835 | .9203462 1.801606 0.51 0.610 -2.613431 4.454124

y1860\_b1836 | 2.190047 2.873138 0.76 0.446 -3.445498 7.825592

y1861\_b1833 | 3.550672 1.646346 2.16 0.031 .3214305 6.779913

y1861\_b1834 | 3.657021 2.049489 1.78 0.075 -.3629693 7.677011

y1861\_b1835 | 1.207021 1.463221 0.82 0.410 -1.663029 4.07707

y1861\_b1836 | 3.449051 2.9299 1.18 0.239 -2.297829 9.195932

y1861\_b1837 | .5531517 1.660424 0.33 0.739 -2.703703 3.810006

y1862\_b1836 | -1.145271 2.958489 -0.39 0.699 -6.948228 4.657686

y1862\_b1837 | -.9833333 1.633041 -0.60 0.547 -4.186478 2.219811

y1866\_b1838 | -2.013955 2.765003 -0.73 0.466 -7.437399 3.409488

y1866\_b1839 | 2.555742 2.620521 0.98 0.330 -2.584306 7.695789

y1866\_b1840 | .369883 2.597548 0.14 0.887 -4.725103 5.464869

y1866\_b1841 | -.6163363 2.706202 -0.23 0.820 -5.924443 4.691771

y1866\_b1842 | -1.282895 2.628415 -0.49 0.626 -6.438425 3.872635

y1867\_b1839 | 1.538447 2.245724 0.69 0.493 -2.866451 5.943345

y1867\_b1840 | 1.772727 2.214706 0.80 0.424 -2.571329 6.116784

y1867\_b1841 | .3566208 2.279767 0.16 0.876 -4.11505 4.828292

y1867\_b1842 | -1.877273 2.228196 -0.84 0.400 -6.247791 2.493245

y1867\_b1843 | .7697511 2.55094 0.30 0.763 -4.233816 5.773318

y1868\_b1839 | 5.960025 2.475952 2.41 0.016 1.103546 10.81651

y1868\_b1840 | 5.163056 2.410255 2.14 0.032 .4354371 9.890674

y1868\_b1841 | 2.727341 2.513804 1.08 0.278 -2.203384 7.658066

y1868\_b1842 | 2.238056 2.374331 0.94 0.346 -2.419099 6.89521

y1868\_b1843 | 4.52844 2.813206 1.61 0.108 -.9895514 10.04643

y1868\_b1844 | 4.186407 2.372028 1.76 0.078 -.4662307 8.839044

y1869\_b1840 | .1613636 1.428719 0.11 0.910 -2.641012 2.96374

y1869\_b1841 | -1.421787 1.545059 -0.92 0.358 -4.452359 1.608786

y1869\_b1842 | -.3719697 1.279238 -0.29 0.771 -2.881144 2.137205

y1869\_b1843 | -.505303 2.398968 -0.21 0.833 -5.210782 4.200176

y1869\_b1844 | -.6652098 2.139922 -0.31 0.756 -4.86258 3.532161

y1869\_b1845 | -3.270382 2.166109 -1.51 0.131 -7.519119 .978354

y1870\_b1843 | -.1 2.722232 -0.04 0.971 -5.439549 5.239549

y1870\_b1845 | -3.455556 2.243348 -1.54 0.124 -7.855793 .944682

y1871\_b1845 | -1.615995 2.250319 -0.72 0.473 -6.029905 2.797915

y1871\_b1847 | 1.903846 1.879569 1.01 0.311 -1.782853 5.590545

y1872\_b1844 | .5633838 2.182653 0.26 0.796 -3.717803 4.84457

y1872\_b1845 | -.9861111 2.233185 -0.44 0.659 -5.366413 3.394191

y1872\_b1846 | -.1388889 1.606142 -0.09 0.931 -3.289272 3.011494

y1872\_b1847 | .1527778 1.464538 0.10 0.917 -2.719855 3.02541

y1872\_b1848 | -1.276709 1.750347 -0.73 0.466 -4.709945 2.156526

y1873\_b1847 | .7666667 2.30048 0.33 0.739 -3.745632 5.278966

y1873\_b1848 | -4.233333 2.113303 -2.00 0.045 -8.378493 -.0881737

y1873\_b1849 | -.9189394 1.775364 -0.52 0.605 -4.401244 2.563366

y1874\_b1845 | -5.182828 2.451494 -2.11 0.035 -9.991335 -.3743219

y1874\_b1846 | -.2878788 1.851572 -0.16 0.876 -3.919662 3.343905

y1874\_b1847 | 1.706061 1.89564 0.90 0.368 -2.012162 5.424283

y1874\_b1849 | .0871212 1.764871 0.05 0.961 -3.374602 3.548845

y1874\_b1850 | -.1606061 2.03918 -0.08 0.937 -4.160375 3.839163

y1875\_b1846 | 2.193651 1.743117 1.26 0.208 -1.225404 5.612705

y1875\_b1847 | 2.860317 1.556324 1.84 0.066 -.1923496 5.912985

y1875\_b1848 | .8769841 1.821982 0.48 0.630 -2.696761 4.450729

y1875\_b1849 | 2.001984 1.711478 1.17 0.242 -1.355012 5.358981

y1875\_b1850 | .4628816 1.798052 0.26 0.797 -3.063926 3.989689

y1875\_b1851 | .8936508 1.816417 0.49 0.623 -2.669177 4.456479

\_cons | 69.53333 2.239189 31.05 0.000 65.14125 73.92541

------------------------------------------------------------------------------

. test $More\_Eff

( 1) y1834\_b1806 = 0

( 2) y1834\_b1809 = 0

( 3) y1834\_b1810 = 0

( 4) y1835\_b1806 = 0

( 5) y1835\_b1810 = 0

( 6) y1835\_b1811 = 0

( 7) y1836\_b1810 = 0

( 8) y1836\_b1812 = 0

( 9) y1837\_b1811 = 0

(10) y1837\_b1813 = 0

(11) y1838\_b1812 = 0

(12) y1838\_b1813 = 0

(13) y1839\_b1811 = 0

(14) y1839\_b1812 = 0

(15) y1839\_b1814 = 0

(16) y1840\_b1811 = 0

(17) y1840\_b1814 = 0

(18) y1840\_b1815 = 0

(19) y1840\_b1816 = 0

(20) y1841\_b1814 = 0

(21) y1841\_b1817 = 0

(22) y1842\_b1814 = 0

(23) y1842\_b1815 = 0

(24) y1842\_b1816 = 0

(25) y1842\_b1817 = 0

(26) y1842\_b1818 = 0

(27) y1843\_b1814 = 0

(28) y1843\_b1815 = 0

(29) y1843\_b1817 = 0

(30) y1843\_b1818 = 0

(31) y1844\_b1816 = 0

(32) y1844\_b1818 = 0

(33) y1844\_b1819 = 0

(34) y1848\_b1823 = 0

(35) y1848\_b1824 = 0

(36) y1849\_b1824 = 0

(37) y1850\_b1826 = 0

(38) y1851\_b1825 = 0

(39) y1851\_b1826 = 0

(40) y1851\_b1827 = 0

(41) y1852\_b1826 = 0

(42) y1853\_b1825 = 0

(43) y1853\_b1826 = 0

(44) y1853\_b1829 = 0

(45) y1855\_b1829 = 0

(46) y1855\_b1830 = 0

(47) y1855\_b1831 = 0

(48) y1856\_b1831 = 0

(49) y1856\_b1832 = 0

(50) y1857\_b1829 = 0

(51) y1857\_b1831 = 0

(52) y1857\_b1832 = 0

(53) y1857\_b1833 = 0

(54) y1858\_b1830 = 0

(55) y1858\_b1832 = 0

(56) y1858\_b1833 = 0

(57) y1858\_b1834 = 0

(58) y1859\_b1830 = 0

(59) y1859\_b1831 = 0

(60) y1859\_b1832 = 0

(61) y1859\_b1833 = 0

(62) y1859\_b1834 = 0

(63) y1859\_b1835 = 0

(64) y1860\_b1831 = 0

(65) y1860\_b1833 = 0

(66) y1860\_b1834 = 0

(67) y1860\_b1835 = 0

(68) y1860\_b1836 = 0

(69) y1861\_b1833 = 0

(70) y1861\_b1834 = 0

(71) y1861\_b1835 = 0

(72) y1861\_b1836 = 0

(73) y1861\_b1837 = 0

(74) y1862\_b1836 = 0

(75) y1862\_b1837 = 0

(76) y1866\_b1838 = 0

(77) y1866\_b1839 = 0

(78) y1866\_b1840 = 0

(79) y1866\_b1841 = 0

(80) y1866\_b1842 = 0

(81) y1867\_b1839 = 0

(82) y1867\_b1840 = 0

(83) y1867\_b1841 = 0

(84) y1867\_b1842 = 0

(85) y1867\_b1843 = 0

(86) y1868\_b1839 = 0

(87) y1868\_b1840 = 0

(88) y1868\_b1841 = 0

(89) y1868\_b1842 = 0

(90) y1868\_b1843 = 0

(91) y1868\_b1844 = 0

(92) y1869\_b1840 = 0

(93) y1869\_b1841 = 0

(94) y1869\_b1842 = 0

(95) y1869\_b1843 = 0

(96) y1869\_b1844 = 0

(97) y1869\_b1845 = 0

(98) y1870\_b1843 = 0

(99) y1870\_b1845 = 0

(100) y1871\_b1845 = 0

(101) y1871\_b1847 = 0

(102) y1872\_b1844 = 0

(103) y1872\_b1845 = 0

(104) y1872\_b1846 = 0

(105) y1872\_b1847 = 0

(106) y1872\_b1848 = 0

(107) y1873\_b1847 = 0

(108) y1873\_b1848 = 0

(109) y1873\_b1849 = 0

(110) y1874\_b1845 = 0

(111) y1874\_b1846 = 0

(112) y1874\_b1847 = 0

(113) y1874\_b1849 = 0

(114) y1874\_b1850 = 0

(115) y1875\_b1846 = 0

(116) y1875\_b1847 = 0

(117) y1875\_b1848 = 0

(118) y1875\_b1849 = 0

(119) y1875\_b1850 = 0

(120) y1875\_b1851 = 0

F(120, 1587) = 1.22

Prob > F = 0.0606

1. For studies of US prisons, see Komlos and Coclanis, “On the Puzzling Cycle;” Carson, “Inequaltiy in the American South;” Maloney and Carson, “Living Standards;” Tatarek, “Geographical Height Variation;” Sunder, “Height of Tennessee Convicts.” Nicholas and Steckel, “Heights and Living Standards;” Riggs, “Standard of Living;” Nicholas and Oxley, “Living Standards,” investigate heights using prison records from Great Britain. Frank, “Stature” and Twrdek and Manzel,” use heights from South American prisons. [↑](#footnote-ref-1)
2. Bodenhorn, Moehling and Price, “Short Criminals.” [↑](#footnote-ref-2)
3. Komlos, “Toward;” Bodenhorn, “Troublesome Caste;” Bodenhorn, “Mulatto Advantage.” [↑](#footnote-ref-3)
4. Hening, *New Virginia Justice,* 546. Maryland lawmakers debated, but did not enact, a similar law in 1830 and 1831. See Wright, *Free Negro*, 269. Even without the employer law, there were strong incentives for Maryland’s free blacks to register is they expected to be out and about between home and work. Having a copy of one’s freedom papers would have reduced a free person being mistaken for and detained as a runaway slave. [↑](#footnote-ref-4)
5. See, for example, Rothman, *Notorious in the Neighborhood*, ch. 3. [↑](#footnote-ref-5)
6. Maryland data from Komlos, *Heights of African Americans*; Virginia data from Bodenhorn, “Mulatto Advantage,” and additional counties. [↑](#footnote-ref-6)
7. Bodenhorn, “Manumission,” 146-147 and sources discussed therein. [↑](#footnote-ref-7)
8. Cole, “Capitalism and Freedom.” [↑](#footnote-ref-8)
9. Budros, “Social Shocks.” [↑](#footnote-ref-9)
10. Whitman, *Price of Freedom*; Wolf, *Race and Liberty*. [↑](#footnote-ref-10)
11. The dataset we use is taken from the UK data archive, study number #. We are grateful to Floud et al for making the data public in this way. [↑](#footnote-ref-11)