Effects of Medicaid Expansion to Low-Income Childless Individuals

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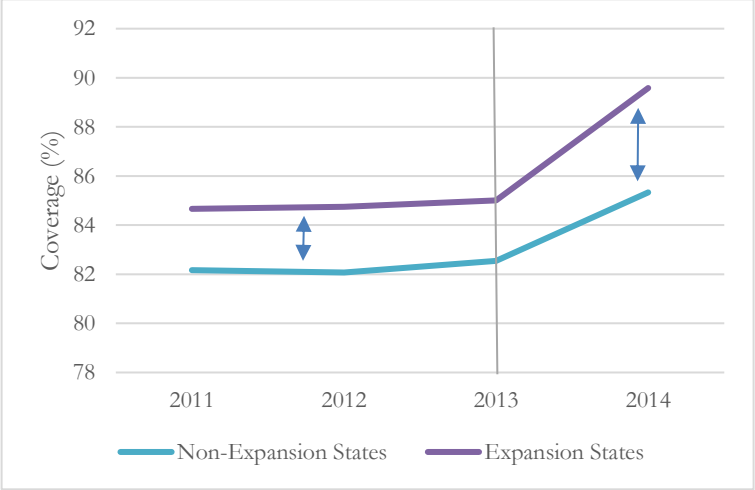
The following memo describes the consequences associated with the expansion of the Medicare program. Specifically, this memo will address the effects of the policy change on health insurance coverage and employment rates. The program expansion, implemented in 2014, extended Medicare insurance coverage to low-income individuals without children, a group that was previously excluded.

I. Health Insurance Coverage

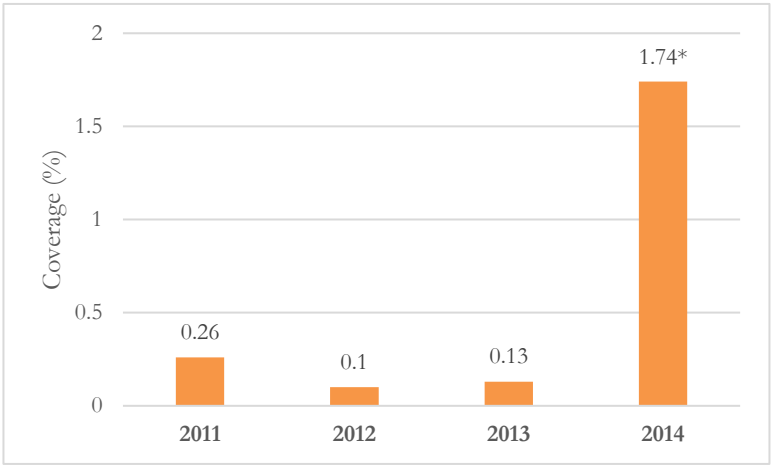
The analysis presented below assesses the effects of the Medicaid expansion by comparing the 17 states that adopted the change to states that opted out of the program expansion. Indeed, the "expansion states" are inherently different from the "non-expansion states" in terms of their employment and insurance coverage composition. Therefore, this analysis first measures the difference in these rates between the expansion and non-expansion states in the period before the policy was implemented (i.e. in 2011 to 2013). This difference is then compared to the differences in rates seen in 2014, i.e. after the Medicaid expansion.

1a. Average Health Insurance Coverage (of any kind)



Graph 1a shows that in 2014, both groups witnessed an increase in overall health insurance coverage; however, the expansion states experience a greater increase. This is supported by Graph 1b. which describes these differences on a yearly basis and shows that in 2014, there was a far greater difference in coverage rates between expansion states and non-expansion states. Comparing the average differences before and after 2014 (as done in Table A in the Appendix) shows an approximate **2 percentage point increase** in overall health insurance coverage due to the Medicaid expansion.

1b. Average Difference in Overall Health Insurance Coverage between Expansion States and Non-Expansion States

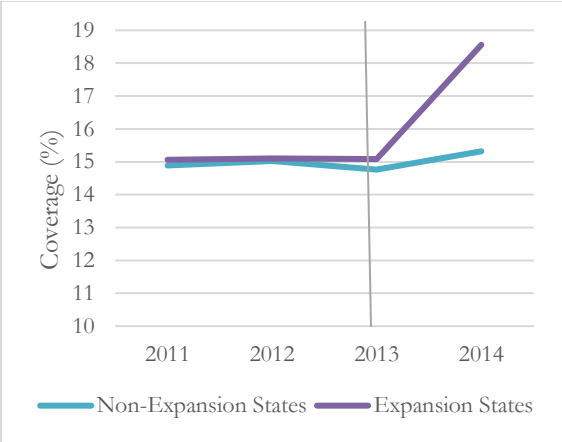


We further assess the effects of the expansion on public and private health insurance coverage to examine whether the policy led to a "crowding out" of private insurance in favor of publicly provided insurance. Graph 2a, similar to Graph 1a, shows an overall increase in public health insurance, but with a far greater increase in expansion states. Graph 2b further shows that in the period before 2014, the expansion states had less public insurance coverage, but later surpassed the expansion states after the policy change. The overall increase in public health insurance coverage is **2.9 percentage points** (see Table A).

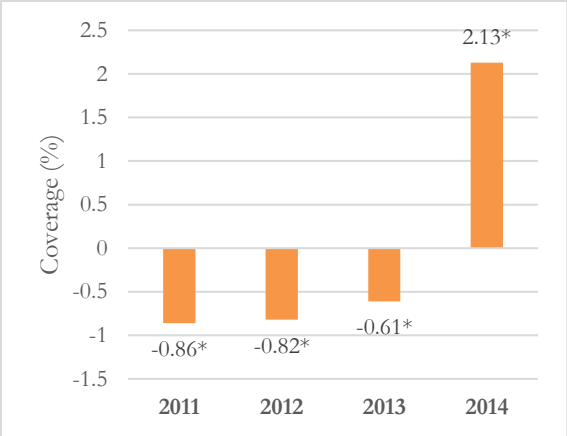
The effect of the policy expansion on private health insurance complements that of public insurance. As seen in Graphs 3a and 3b, the expansion states witnessed a smaller increase in private insurance compared to non-expansion states. The average comparative decrease in private insurance coverage is estimated to be **1.3 percentage points**.

It is possible to interpret the 2.9 percentage point increase in public insurance and the accompanying 1.3 percentage point decrease private insurance as causally linked. Indeed, it is plausible that such a sizeable Medicaid expansion "crowded out" private insurance. That said, to conclusively asserts this point, we would require further research into other insurance policy changes that may have contributed to this crowding out. Moreover, even a sudden and sizeable demographic change seen in some states and not others may contribute to this change. Future studies would benefit from longitudinal data to understand whether individuals are switching their insurance.

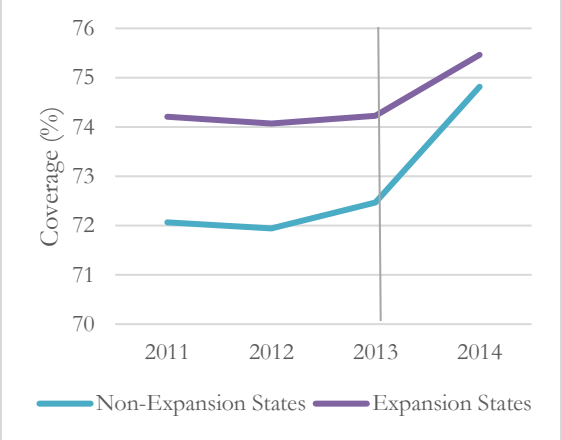
2a. Average Public Health Insurance Coverage (including Medicare)



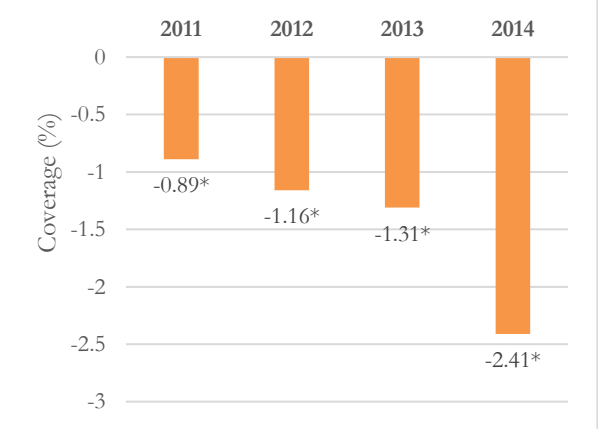
2b. Average Difference in Public Health Insurance Coverage between Expansion States and Non-Expansion States



3a. Average Private Health Insurance Coverage



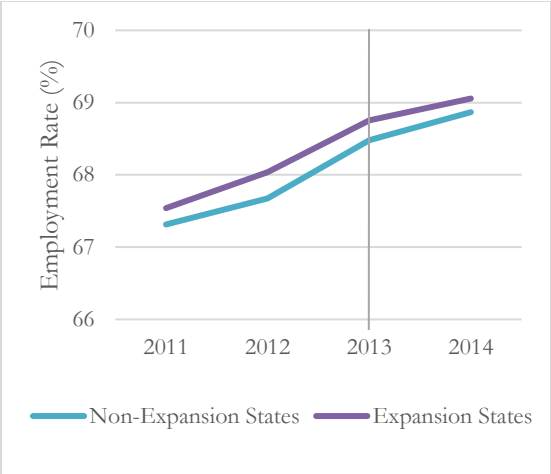
3b. Average Difference in Private Health Insurance Coverage between Expansion States and Non-Expansion States



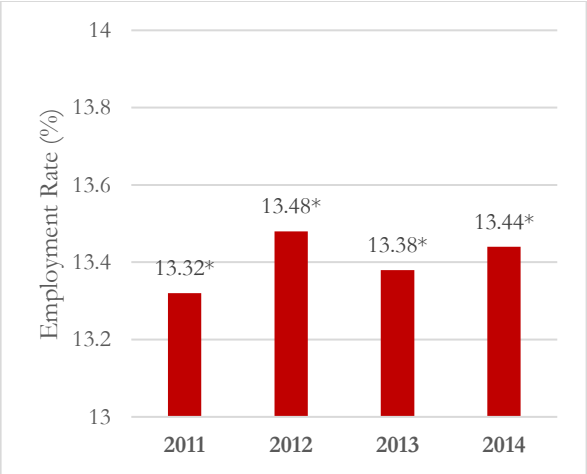
II. Employment Outcomes

We next look at the effect of the Medicaid expansion on employment rates in expansion and non-expansion states. We are particularly interested in identifying indicators of a "employment-lock" phenomenon, which compels individuals to remain in a less preferred job because it provides health insurance. As seen in Section I, there was an overall decline in private health insurance, which includes employer-provided insurance. However, this section further explores the general shift in employment structure.

4a. Employment Rates

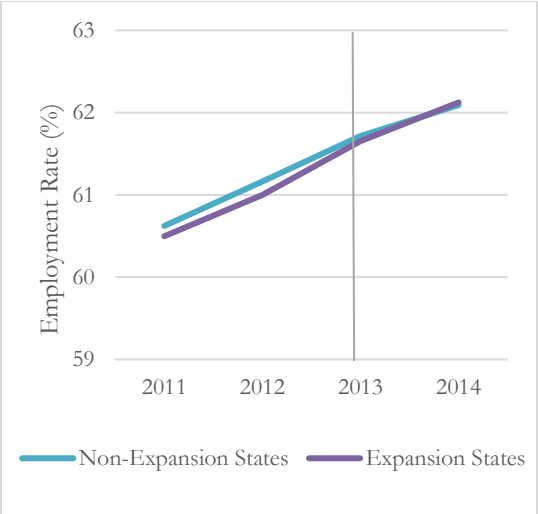


4b. Average Difference in Overall Employment Rates between Expansion and Non-Expansion States

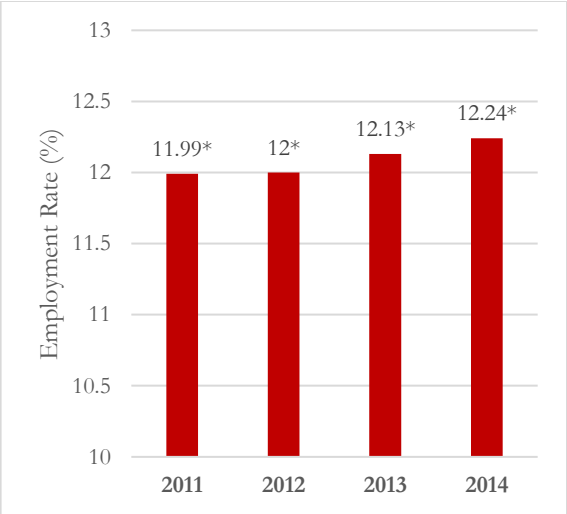


It can be seen in Graphs 4a, 4b, 5a, 5b, 6a, and 6b that there was very little change in overall employment, full-time employment, and self-employment between the states that adopted the expansion and the states that did not. Graphs 4a, 5a, and 6a show a roughly parallel trend between the two groups, indicating that after 2014, there was little effect on employment outcomes. The evenness in differences between the state groups can also be seen in Graphs 4b, 5b, and 6b. Table A shows that the change in differences remains small in magnitude and almost equal to zero.

5a. Employment Rates at more than 30 hrs/week

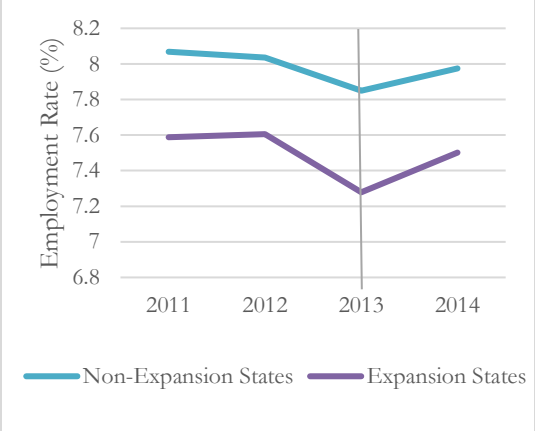


5b. Average Difference in Employment Rates at 30 hrs/week between Expansion and Non-Expansion States

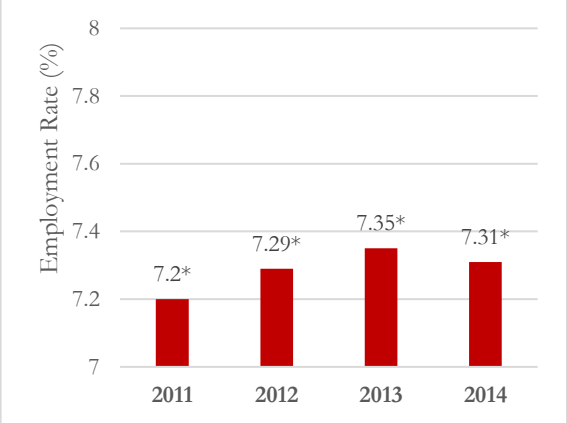


If individuals were indeed locked into their jobs to retain access to private health insurance, then easier access to Medicaid would allow these individuals to leave their jobs and perhaps take on part-time work.

6a. Self-Employment Rates



6b. Average Difference in Self-Employment Rates between Expansion and Non-Expansion States



Therefore, it is interesting to note that the largest change observed is the measure of full-time employment (i.e. employed over 30 hours per week). This measure shows a positive, albeit small change of **0.2 percentage points**. Therefore, our results do not support the claim of an employment-lock. Although there is a statistically significant difference between the expansion and non-expansion states, the change in these differences is very small in magnitude.

III. Effects of the Medicare Expansion on Individuals below the Poverty Line

In this section, we focus on individuals below the federal poverty line as they are directly targeted by the Medicaid expansion. The results are in Table B of the Appendix. Similar to the general population, we find that the expansion increases overall health insurance coverage by **7.9 percentage points**. This change is mostly driven by the increase in public health insurance coverage, which rose by a **10.7 percentage points**, while private insurance coverage fell by **2.8 percentage points**. This suggests that the effects of expansion were far stronger for individuals below the poverty line (see Table 1 for comparison).

When we examined the employment-lock effects, we once again found weak results, which pointed to a small positive change in overall employment levels. This does not support the claim of an employment-lock.

IV. Effects of the Medicare Expansion on Individuals who are High School Dropouts

We further examine the effects of the expansion on high school dropouts, who are less likely to have access to employer-provided insurance. We find that the increase in overall health

Table 1: Comparison of the Difference in Differences of Various Subgroups

Category	General Population	Individuals Below FPL	High School Dropouts
Overall Health Insurance	1.58	7.87	4.65
Public Health Insurance	2.89	10.71	5.5
Private Health Insurance	-1.29	-2.79	-0.94
Overall Employment Rate	0.05	0.15	0.22
Employment at >30hr/week	0.2	0.26	0.39
Self-Employment Rate	0.03	0.09	-0.14

Further details can be found in Tables A, B, and C in the Appendix

insurance and public health insurance coverage to be greater than that for the general population, but less than the below FPL population (see Table 1). Nonetheless, the results once again suggest some crowding out of private insurance.

For employment outcomes, once again, the difference in differences were found to be small. This is unsurprising as individuals who are likely to have jobs that do not provide insurance are also less likely to experience employment-lock.

Appendix

Table A: Differences between Expansion and Non-Expansion States for the General Population

Category	Average Difference in 2011-2013 (pp)	Difference in 2014 (pp)	Difference in Differences (pp)
Overall Health Insurance	0.16	1.74	1.58
Public Health Insurance	-0.76	2.13	2.89
Private Health Insurance	-1.12	-2.41	-1.29
Overall Employment Rate	13.39	13.44	0.05
Employment at >30hr/week	12.04	12.24	0.2
Self-Employment Rate	7.28	7.31	0.03

For measures of health insurance, the difference measured in 2014 was statistically significantly different from each of differences found in years 2011-2013.

Table B: Differences between Expansion and Non-Expansion States for Individuals Below the FPL

Category	Average Difference in 2011-2013 (pp)	Difference in 2014 (pp)	Difference in Differences (pp)
Overall Health Insurance	-0.8	7.07	7.87
Public Health Insurance	-6.04	4.67	10.71
Private Health Insurance	3.49	0.7	-2.79
Overall Employment Rate	10.92	11.07	0.15
Employment at >30hr/week	5.72	5.98	0.26
Self-Employment Rate	3.91	4	0.09

All difference estimates for 2011-2014 are significant at the 0.1 level

Table C: Differences between Expansion and Non-Expansion States for High School Dropouts

Category	Average Difference in 2011-2013 (pp)	Difference in 2014 (pp)	Difference in Differences (pp)
Overall Health Insurance	3.07	7.72	4.65
Public Health Insurance	3.05	8.55	5.5
Private Health Insurance	-1.84	-2.78	-0.94
Overall Employment Rate	8.74	8.96	0.22
Employment at >30hr/week	6.43	6.82	0.39
Self-Employment Rate	0.2	0.06	-0.14

All difference estimates for 2011-2014 are significant at the 0.01 level with the exception of self-employment, which was insignificant

Section II:
STATA Log-file

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. *SECTION I: EXPLORE THE DATA
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100. {c |} {res}   NM   2014        138          1      NM {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
101. {c |} {res}   NC   2011          0          0      NC {txt}{c |}
102. {c |} {res}   NC   2012          0          0      NC {txt}{c |}
103. {c |} {res}   NC   2013          0          0      NC {txt}{c |}
104. {c |} {res}   NC   2014          0          0      NC {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
105. {c |} {res}   ND   2011          0          0      ND {txt}{c |}
106. {c |} {res}   ND   2012          0          0      ND {txt}{c |}
107. {c |} {res}   ND   2013          0          0      ND {txt}{c |}
108. {c |} {res}   ND   2014        138          1      ND {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
109. {c |} {res}   OH   2011          0          0      OH {txt}{c |}
110. {c |} {res}   OH   2012          0          0      OH {txt}{c |}
111. {c |} {res}   OH   2013          0          0      OH {txt}{c |}
112. {c |} {res}   OH   2014        138          1      OH {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
113. {c |} {res}   OK   2011          0          0      OK {txt}{c |}
114. {c |} {res}   OK   2012          0          0      OK {txt}{c |}
115. {c |} {res}   OK   2013          0          0      OK {txt}{c |}
116. {c |} {res}   OK   2014          0          0      OK {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
117. {c |} {res}   OR   2011          0          0      OR {txt}{c |}
118. {c |} {res}   OR   2012          0          0      OR {txt}{c |}
119. {c |} {res}   OR   2013          0          0      OR {txt}{c |}
120. {c |} {res}   OR   2014        138          1      OR {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
121. {c |} {res}   PA   2011          0          0      PA {txt}{c |}
122. {c |} {res}   PA   2012          0          0      PA {txt}{c |}
123. {c |} {res}   PA   2013          0          0      PA {txt}{c |}
124. {c |} {res}   PA   2014          0          0      PA {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
125. {c |} {res}   RI   2011          0          0      RI {txt}{c |}
126. {c |} {res}   RI   2012          0          0      RI {txt}{c |}
127. {c |} {res}   RI   2013          0          0      RI {txt}{c |}
128. {c |} {res}   RI   2014        138          1      RI {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
```

```
129. {c |} {res}   SC   2011          0          0      SC {txt}{c |}
130. {c |} {res}   SC   2012          0          0      SC {txt}{c |}
131. {c |} {res}   SC   2013          0          0      SC {txt}{c |}
132. {c |} {res}   SC   2014          0          0      SC {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
133. {c |} {res}   SD   2011          0          0      SD {txt}{c |}
134. {c |} {res}   SD   2012          0          0      SD {txt}{c |}
135. {c |} {res}   SD   2013          0          0      SD {txt}{c |}
136. {c |} {res}   SD   2014          0          0      SD {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
137. {c |} {res}   TN   2011          0          0      TN {txt}{c |}
138. {c |} {res}   TN   2012          0          0      TN {txt}{c |}
139. {c |} {res}   TN   2013          0          0      TN {txt}{c |}
140. {c |} {res}   TN   2014          0          0      TN {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
141. {c |} {res}   TX   2011          0          0      TX {txt}{c |}
142. {c |} {res}   TX   2012          0          0      TX {txt}{c |}
143. {c |} {res}   TX   2013          0          0      TX {txt}{c |}
144. {c |} {res}   TX   2014          0          0      TX {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
145. {c |} {res}   UT   2011          0          0      UT {txt}{c |}
146. {c |} {res}   UT   2012          0          0      UT {txt}{c |}
147. {c |} {res}   UT   2013          0          0      UT {txt}{c |}
148. {c |} {res}   UT   2014          0          0      UT {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
149. {c |} {res}   VA   2011          0          0      VA {txt}{c |}
150. {c |} {res}   VA   2012          0          0      VA {txt}{c |}
151. {c |} {res}   VA   2013          0          0      VA {txt}{c |}
152. {c |} {res}   VA   2014          0          0      VA {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
153. {c |} {res}   WA   2011          0          0      WA {txt}{c |}
154. {c |} {res}   WA   2012          0          0      WA {txt}{c |}
155. {c |} {res}   WA   2013          0          0      WA {txt}{c |}
156. {c |} {res}   WA   2014        138          1      WA {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
157. {c |} {res}   WV   2011          0          0      WV {txt}{c |}
158. {c |} {res}   WV   2012          0          0      WV {txt}{c |}
159. {c |} {res}   WV   2013          0          0      WV {txt}{c |}
160. {c |} {res}   WV   2014        138          1      WV {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
161. {c |} {res}   WI   2011          0          0      WI {txt}{c |}
162. {c |} {res}   WI   2012          0          0      WI {txt}{c |}
163. {c |} {res}   WI   2013          0          0      WI {txt}{c |}
164. {c |} {res}   WI   2014        100          1      WI {txt}{c |}
     {c LT}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c RT}
165. {c |} {res}   WY   2011          0          0      WY {txt}{c |}
166. {c |} {res}   WY   2012          0          0      WY {txt}{c |}
167. {c |} {res}   WY   2013          0          0      WY {txt}{c |}
168. {c |} {res}   WY   2014          0          0      WY {txt}{c |}
     {c BLC}{hline 7}{c -}{hline 6}{c -}{hline 10}{c -}{hline 10}{c -}{hline 7}{c
BRC}

{com}. list state inc* child* exp* if year==2014
{txt}
     {c TLC}{hline 7}{c -}{hline 10}{c -}{hline 10}{c -}{hline 10}{c TRC}
     {c |} {res}state   inc_li~s   childl~e   expans~e {txt}{c |}
     {c LT}{hline 7}{c -}{hline 10}{c -}{hline 10}{c -}{hline 10}{c RT}
  4. {c |} {res}   AL          0          0          0 {txt}{c |}
  8. {c |} {res}   AK          0          0          0 {txt}{c |}
 12. {c |} {res}   AR        138          1          1 {txt}{c |}
 16. {c |} {res}   CA        138          1          1 {txt}{c |}
 20. {c |} {res}   FL          0          0          0 {txt}{c |}
     {c LT}{hline 7}{c -}{hline 10}{c -}{hline 10}{c -}{hline 10}{c RT}
```

```
 24. {c |} {res}   GA          0          0          0 {txt}{c |}
 28. {c |} {res}   ID          0          0          0 {txt}{c |}
 32. {c |} {res}   IL        138          1          1 {txt}{c |}
 36. {c |} {res}   IN          0          0          0 {txt}{c |}
 40. {c |} {res}   IA        138          1          1 {txt}{c |}
     {c LT}{hline 7}{c -}{hline 10}{c -}{hline 10}{c -}{hline 10}{c RT}
 44. {c |} {res}   KS          0          0          0 {txt}{c |}
 48. {c |} {res}   KY        138          1          1 {txt}{c |}
 52. {c |} {res}   LA          0          0          0 {txt}{c |}
 56. {c |} {res}   ME          0          0          0 {txt}{c |}
 60. {c |} {res}   MD        138          1          1 {txt}{c |}
     {c LT}{hline 7}{c -}{hline 10}{c -}{hline 10}{c -}{hline 10}{c RT}
 64. {c |} {res}   MA        138          1          1 {txt}{c |}
 68. {c |} {res}   MI          0          0          0 {txt}{c |}
 72. {c |} {res}   MS          0          0          0 {txt}{c |}
 76. {c |} {res}   MO          0          0          0 {txt}{c |}
 80. {c |} {res}   MT          0          0          0 {txt}{c |}
     {c LT}{hline 7}{c -}{hline 10}{c -}{hline 10}{c -}{hline 10}{c RT}
 84. {c |} {res}   NE          0          0          0 {txt}{c |}
 88. {c |} {res}   NV        138          1          1 {txt}{c |}
 92. {c |} {res}   NH          0          0          0 {txt}{c |}
 96. {c |} {res}   NJ        138          1          1 {txt}{c |}
100. {c |} {res}   NM        138          1          1 {txt}{c |}
     {c LT}{hline 7}{c -}{hline 10}{c -}{hline 10}{c -}{hline 10}{c RT}
104. {c |} {res}   NC          0          0          0 {txt}{c |}
108. {c |} {res}   ND        138          1          1 {txt}{c |}
112. {c |} {res}   OH        138          1          1 {txt}{c |}
116. {c |} {res}   OK          0          0          0 {txt}{c |}
120. {c |} {res}   OR        138          1          1 {txt}{c |}
     {c LT}{hline 7}{c -}{hline 10}{c -}{hline 10}{c -}{hline 10}{c RT}
124. {c |} {res}   PA          0          0          0 {txt}{c |}
128. {c |} {res}   RI        138          1          1 {txt}{c |}
132. {c |} {res}   SC          0          0          0 {txt}{c |}
136. {c |} {res}   SD          0          0          0 {txt}{c |}
140. {c |} {res}   TN          0          0          0 {txt}{c |}
     {c LT}{hline 7}{c -}{hline 10}{c -}{hline 10}{c -}{hline 10}{c RT}
144. {c |} {res}   TX          0          0          0 {txt}{c |}
148. {c |} {res}   UT          0          0          0 {txt}{c |}
152. {c |} {res}   VA          0          0          0 {txt}{c |}
156. {c |} {res}   WA        138          1          1 {txt}{c |}
160. {c |} {res}   WV        138          1          1 {txt}{c |}
     {c LT}{hline 7}{c -}{hline 10}{c -}{hline 10}{c -}{hline 10}{c RT}
164. {c |} {res}   WI        100          1          1 {txt}{c |}
168. {c |} {res}   WY          0          0          0 {txt}{c |}
     {c BLC}{hline 7}{c -}{hline 10}{c -}{hline 10}{c -}{hline 10}{c BRC}

{com}. restore
{txt}
{com}.
. *It appears that in 2014, states either adopted a 138% limit or
. *did not make childless adults eligible (i.e. 0% limit)
. *Wisconsin is the only exception with a limit of 100%.
. *For this reason, I am not going to focus on this variable
. *and instead just focus on the expansion/non-expansion distinction
. *between states.
.
. *2. saving a collapsed version of the data for easier analysis
.
. *by state and year
. preserve
{txt}
{com}. collapse(mean) inc_limit_childless-inc_belowfpl, by(state year)
{txt}
```

```
{com}. save collapsed_data.dta, replace
{txt}file collapsed_data.dta saved

{com}. restore
{txt}
{com}.
. *by treatment group and year
. preserve
{txt}
{com}. order(state year expansion state)
{txt}
{com}. collapse(mean) inc_limit_childless-inc_belowfpl, by(expansion_state year)
{txt}
{com}. save collapsed_group_data.dta,replace
{txt}file collapsed_group_data.dta saved

{com}. restore
{txt}
{com}.
. *3. comparing the control and treatment groups
. use collapsed_data.dta, replace
{txt}
{com}.
. *(a) comparing health insurance coverage before 2014
. ttest hicov if year!=2014,by(expansion_state) unequal level(95)

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
   Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col
59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
       0 {c |}{res}{col 12}     75{col 22} .8226138{col 34} .0045879{col 46}
.0397327{col 58} .8134722{col 70} .8317555
       {txt}1 {c |}{res}{col 12}     51{col 22} .8480698{col 34} .0063431{col 46}
.0452986{col 58} .8353293{col 70} .8608102
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12}    126{col 22} .8329174{col 34} .0038962{col 46}
.0437349{col 58} .8252063{col 70} .8406285
{txt}{hline 9}{c +}{hline 68}
    diff {c |}{res}{col 22}-.0254559{col 34} .0078284{col 58}-.0409913{col
70}-.0099205
{txt}{hline 9}{c BT}{hline 68}
    diff = mean({res}0{txt}) - mean({res}1{txt})
 t = {res} -3.2517
{txt}Ho: diff = 0                     Satterthwaite's degrees of freedom = {res}
97.8968

    {txt}Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = {res}0.0008         {txt}Pr(|T| > |t|) = {res}0.0016          {txt}Pr(T
> t) = {res}0.9992
{txt}
{com}. ttest pubcov if year!=2014,by(expansion_state) unequal level(95)

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
   Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col
59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
       0 {c |}{res}{col 12}     75{col 22}   .14892{col 34} .0033982{col 46}
.0294296{col 58} .1421489{col 70} .1556911
       {txt}1 {c |}{res}{col 12}     51{col 22} .1508319{col 34} .0053544{col 46}
.0382379{col 58} .1400773{col 70} .1615865
{txt}{hline 9}{c +}{hline 68}
```

```
combined {c |}{res}{col 12}    126{col 22} .1496939{col 34} .0029526{col 46}
.0331432{col 58} .1438502{col 70} .1555375
{txt}{hline 9}{c +}{hline 68}
    diff {c |}{res}{col 22}-.0019119{col 34} .0063417{col 58}-.0145134{col 70}
.0106896
{txt}{hline 9}{c BT}{hline 68}
    diff = mean({res}0{txt}) - mean({res}1{txt})
 t = {res} -0.3015
{txt}Ho: diff = 0                     Satterthwaite's degrees of freedom = {res}
88.6716

    {txt}Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = {res}0.3819         {txt}Pr(|T| > |t|) = {res}0.7638          {txt}Pr(T
> t) = {res}0.6181
{txt}
{com}. ttest privcov if year!=2014,by(expansion_state) unequal level(95)

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
   Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col
59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
       0 {c |}{res}{col 12}     75{col 22} .7215758{col 34} .0058109{col 46}
.0503239{col 58} .7099974{col 70} .7331543
       {txt}1 {c |}{res}{col 12}     51{col 22} .7416786{col 34}   .00811{col 46}
.0579168{col 58} .7253893{col 70}  .757968
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12}    126{col 22} .7297127{col 34} .0048297{col 46}
.0542136{col 58}  .720154{col 70} .7392713
{txt}{hline 9}{c +}{hline 68}
    diff {c |}{res}{col 22}-.0201028{col 34} .0099769{col 58}-.0399036{col 70}
-.000302
{txt}{hline 9}{c BT}{hline 68}
    diff = mean({res}0{txt}) - mean({res}1{txt})
 t = {res} -2.0149
{txt}Ho: diff = 0                     Satterthwaite's degrees of freedom = {res}
97.2063

    {txt}Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = {res}0.0233         {txt}Pr(|T| > |t|) = {res}0.0467          {txt}Pr(T
> t) = {res}0.9767
{txt}
{com}.
. *looking specifically at medicaid (and govt. support) versus
. *employer-provided health insurance
. ttest hins2 if year!=2014,by(expansion_state) unequal level(95)

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
   Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col
59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
       0 {c |}{res}{col 12}     75{col 22} .1225666{col 34}  .003156{col 46}
.027332{col 58} .1162781{col 70} .1288551
       {txt}1 {c |}{res}{col 12}     51{col 22} .1170456{col 34}  .004211{col 46}
.0300729{col 58} .1085874{col 70} .1255037
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12}    126{col 22} .1203319{col 34} .0025377{col 46}
.0284851{col 58} .1153096{col 70} .1253542
{txt}{hline 9}{c +}{hline 68}
    diff {c |}{res}{col 22}  .005521{col 34} .0052624{col 58}-.0049189{col 70}
.0159609
{txt}{hline 9}{c BT}{hline 68}
```

```
    diff = mean({res}0{txt}) - mean({res}1{txt})
 t = {res}  1.0491
{txt}Ho: diff = 0                     Satterthwaite's degrees of freedom = {res}
100.517

    {txt}Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = {res}0.8517         {txt}Pr(|T| > |t|) = {res}0.2966          {txt}Pr(T
> t) = {res}0.1483
{txt}
{com}. ttest hins4 if year!=2014,by(expansion_state) unequal level(95)

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
   Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col
59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
       0 {c |}{res}{col 12}     75{col 22} .0808545{col 34} .0026538{col 46}
.0229829{col 58} .0755666{col 70} .0861423
       {txt}1 {c |}{res}{col 12}     51{col 22}  .090657{col 34} .0040486{col 46}
.0289131{col 58}  .082525{col 70} .0987889
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12}    126{col 22} .0848221{col 34} .0023067{col 46}
.0258926{col 58} .0802569{col 70} .0893874
{txt}{hline 9}{c +}{hline 68}
    diff {c |}{res}{col 22}-.0098025{col 34} .0048409{col 58}-.0194186{col
70}-.0001865
{txt}{hline 9}{c BT}{hline 68}
    diff = mean({res}0{txt}) - mean({res}1{txt})
 t = {res} -2.0249
{txt}Ho: diff = 0                     Satterthwaite's degrees of freedom = {res}
90.8629

    {txt}Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = {res}0.0229         {txt}Pr(|T| > |t|) = {res}0.0458          {txt}Pr(T
> t) = {res}0.9771
{txt}
{com}.
. *The two-sample t-tests show that before any state expansion,
. *the states that later adopted the policy already had citizens with more
. *health insurance (HI) coverage. However further t-tests show that the
. *control group had more individuals covered by private health insurance
. *(including employee-provided health insurance) compared to the treatment group.
.
. *(b) comparing employment status coverage before 2014
.
. *employed, employed>=30 hours (i.e. not part-time), and self-employed
. ttest emp if year!=2014,by(expansion_state) unequal level(95)

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
   Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col
59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
       0 {c |}{res}{col 12}     75{col 22} .6782232{col 34} .0056062{col 46}
.0485511{col 58} .6670526{col 70} .6893938
       {txt}1 {c |}{res}{col 12}     51{col 22} .6811072{col 34} .0073858{col 46}
.052745{col 58} .6662724{col 70}  .695942
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12}    126{col 22} .6793905{col 34} .0044635{col 46}
.0501029{col 58} .6705567{col 70} .6882244
{txt}{hline 9}{c +}{hline 68}
    diff {c |}{res}{col 22} -.002884{col 34} .0092725{col 58}-.0212772{col 70}
.0155091
```

```
{txt}{hline 9}{c BT}{hline 68}
    diff = mean({res}0{txt}) - mean({res}1{txt})
 t = {res} -0.3110
{txt}Ho: diff = 0                     Satterthwaite's degrees of freedom = {res}
101.457

    {txt}Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = {res}0.3782         {txt}Pr(|T| > |t|) = {res}0.7564          {txt}Pr(T
> t) = {res}0.6218
{txt}
{com}. ttest emp30hrs if year!=2014,by(expansion_state) unequal level(95)

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
   Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col
59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
       0 {c |}{res}{col 12}     75{col 22} .6116649{col 34} .0052506{col 46}
.0454718{col 58} .6012028{col 70}  .622127
       {txt}1 {c |}{res}{col 12}     51{col 22}  .610489{col 34}  .006942{col 46}
.049576{col 58} .5965455{col 70} .6244324
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12}    126{col 22} .6111889{col 34} .0041857{col 46}
.0469842{col 58}  .602905{col 70} .6194729
{txt}{hline 9}{c +}{hline 68}
    diff {c |}{res}{col 22}  .001176{col 34} .0087041{col 58}-.0160902{col 70}
.0184421
{txt}{hline 9}{c BT}{hline 68}
    diff = mean({res}0{txt}) - mean({res}1{txt})
 t = {res}  0.1351
{txt}Ho: diff = 0                     Satterthwaite's degrees of freedom = {res}
101.194

    {txt}Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = {res}0.5536         {txt}Pr(|T| > |t|) = {res}0.8928          {txt}Pr(T
> t) = {res}0.4464
{txt}
{com}. ttest selfemp if year!=2014,by(expansion_state) unequal level(95)

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
   Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col
59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
       0 {c |}{res}{col 12}     75{col 22} .0798459{col 34} .0024744{col 46}
.0214292{col 58} .0749155{col 70} .0847763
       {txt}1 {c |}{res}{col 12}     51{col 22} .0749051{col 34} .0029745{col 46}
.0212419{col 58} .0689307{col 70} .0808794
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12}    126{col 22} .0778461{col 34} .0019071{col 46}
.0214072{col 58} .0740717{col 70} .0816205
{txt}{hline 9}{c +}{hline 68}
    diff {c |}{res}{col 22} .0049409{col 34} .0038691{col 58}-.0027283{col 70}
.0126101
{txt}{hline 9}{c BT}{hline 68}
    diff = mean({res}0{txt}) - mean({res}1{txt})
 t = {res}  1.2770
{txt}Ho: diff = 0                     Satterthwaite's degrees of freedom = {res}
108.153

    {txt}Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = {res}0.8978         {txt}Pr(|T| > |t|) = {res}0.2043          {txt}Pr(T
> t) = {res}0.1022
```

```
{txt}
{com}.
. *There is no significant difference in employment levels between the groups,
. *but the control group might have slightly higher levels of unemployment
. *(borderline case).
.
. *(c) comparing whether income is below the FPL
. ttest emp if year!=2014,by(expansion_state) unequal level(95)

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
   Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col
59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
       0 {c |}{res}{col 12}     75{col 22} .6782232{col 34} .0056062{col 46}
.0485511{col 58} .6670526{col 70} .6893938
       {txt}1 {c |}{res}{col 12}     51{col 22} .6811072{col 34} .0073858{col 46}
.052745{col 58} .6662724{col 70}  .695942
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12}    126{col 22} .6793905{col 34} .0044635{col 46}
.0501029{col 58} .6705567{col 70} .6882244
{txt}{hline 9}{c +}{hline 68}
    diff {c |}{res}{col 22} -.002884{col 34} .0092725{col 58}-.0212772{col 70}
.0155091
{txt}{hline 9}{c BT}{hline 68}
    diff = mean({res}0{txt}) - mean({res}1{txt})
 t = {res} -0.3110
{txt}Ho: diff = 0                     Satterthwaite's degrees of freedom = {res}
101.457

    {txt}Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = {res}0.3782         {txt}Pr(|T| > |t|) = {res}0.7564          {txt}Pr(T
> t) = {res}0.6218
{txt}
{com}.
. *No significant difference
.
. *(d) comparing some other demographic characteristics
. foreach var in nonwhite female married educ{c -(}
{txt}  2{com}. ttest `var' if year!=2014,by(expansion_state) unequal level(95)
{txt}  3{com}. {c )-}

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
   Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col
59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
       0 {c |}{res}{col 12}     75{col 22} .1674136{col 34} .0120873{col 46}
.1046791{col 58} .1433291{col 70} .1914981
       {txt}1 {c |}{res}{col 12}     51{col 22} .1579545{col 34} .0130855{col 46}
.0934492{col 58} .1316715{col 70} .1842375
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12}    126{col 22} .1635849{col 34} .0089095{col 46}
.100009{col 58} .1459519{col 70}  .181218
{txt}{hline 9}{c +}{hline 68}
    diff {c |}{res}{col 22} .0094591{col 34} .0178139{col 58}-.0258264{col 70}
.0447446
{txt}{hline 9}{c BT}{hline 68}
    diff = mean({res}0{txt}) - mean({res}1{txt})
 t = {res}  0.5310
{txt}Ho: diff = 0                     Satterthwaite's degrees of freedom = {res}
115.105
```

{txt}Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = {res}0.7018 {txt}Pr(|T| > |t|) = {res}0.5964 {txt}Pr(T > t) = {res}0.2982

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col 59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
0 {c |}{res}{col 12} 75{col 22} .5013907{col 34} .0017028{col 46} .0147468{col 58} .4979977{col 70} .5047836
{txt}1 {c |}{res}{col 12} 51{col 22} .5021699{col 34} .0013648{col 46} .0097466{col 58} .4994286{col 70} .5049112
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12} 126{col 22} .5017061{col 34} .0011509{col 46} .0129185{col 58} .4994283{col 70} .5039838
{txt}{hline 9}{c +}{hline 68}
diff {c |}{res}{col 22}-.0007792{col 34} .0021823{col 58}-.0050986{col 70} .0035401
{txt}{hline 9}{c BT}{hline 68}
diff = mean({res}0{txt}) - mean({res}1{txt})
t = {res} -0.3571
{txt}Ho: diff = 0 Satterthwaite's degrees of freedom = {res} 123.925

{txt}Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = {res}0.3608 {txt}Pr(|T| > |t|) = {res}0.7216 {txt}Pr(T > t) = {res}0.6392

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col 59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
0 {c |}{res}{col 12} 75{col 22} .5779198{col 34} .0043792{col 46} .0379247{col 58} .5691941{col 70} .5866454
{txt}1 {c |}{res}{col 12} 51{col 22} .5573185{col 34} .0059638{col 46} .0425901{col 58} .5453399{col 70} .5692972
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12} 126{col 22} .5695812{col 34} .0036516{col 46} .040989{col 58} .5623542{col 70} .5768081
{txt}{hline 9}{c +}{hline 68}
diff {c |}{res}{col 22} .0206012{col 34} .0073989{col 58} .0059202{col 70} .0352823
{txt}{hline 9}{c BT}{hline 68}
diff = mean({res}0{txt}) - mean({res}1{txt})
t = {res} 2.7844
{txt}Ho: diff = 0 Satterthwaite's degrees of freedom = {res} 99.0061

{txt}Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = {res}0.9968 {txt}Pr(|T| > |t|) = {res}0.0064 {txt}Pr(T > t) = {res}0.0032

{txt}Two-sample t test with unequal variances
{hline 9}{c TT}{hline 68}
Group{col 10}{c |}{col 16}Obs{col 27}Mean{col 35}Std. Err.{col 47}Std. Dev.{col 59}[95% Conf. Interval]
{hline 9}{c +}{hline 68}
0 {c |}{res}{col 12} 75{col 22} 1.174679{col 34} .0066883{col 46} .0579219{col 58} 1.161353{col 70} 1.188006
{txt}1 {c |}{res}{col 12} 51{col 22} 1.206038{col 34} .0116009{col 46} .0828471{col 58} 1.182736{col 70} 1.229339

```
{txt}{hline 9}{c +}{hline 68}
combined {c |}{res}{col 12}    126{col 22} 1.187372{col 34} .0062807{col 46}
.070501{col 58} 1.174942{col 70} 1.199802
{txt}{hline 9}{c +}{hline 68}
    diff {c |}{res}{col 22}-.0313583{col 34} .0133908{col 58} -.057994{col
70}-.0047226
{txt}{hline 9}{c BT}{hline 68}
    diff = mean({res}0{txt}) - mean({res}1{txt})
 t = {res} -2.3418
{txt}Ho: diff = 0                     Satterthwaite's degrees of freedom = {res}
82.5967

    {txt}Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = {res}0.0108         {txt}Pr(|T| > |t|) = {res}0.0216          {txt}Pr(T
> t) = {res}0.9892
{txt}
{com}.
. *More people in the control group are married, but on average, it appears that
. *the control group overall, has fewer years of education. We can eaily control for
this.
.
. ****************************
. *SECTION II: MODEL SELECTION
. ****************************
.
. *Experimenting with different models where response variable is "hicov"
.
. use ACA_emp2.dta, replace
{txt}
{com}.
. *year dummies - although "xi:" can generate this
. *it's easier to read when they're named as I've named them
. tab(year),gen(_201)

       {txt}Year {c |}      Freq.     Percent        Cum.
{hline 12}{c +}{hline 35}
       2011 {c |}{res}    760,371       24.95       24.95
{txt}       2012 {c |}{res}    759,684       24.92       49.87
{txt}       2013 {c |}{res}    763,156       25.04       74.91
{txt}       2014 {c |}{res}    764,872       25.09      100.00
{txt}{hline 12}{c +}{hline 35}
      Total {c |}{res}  3,048,083      100.00
{txt}
{com}.
. forvalues i=11(1)14{c -(}
{txt}  2{com}. gen DID_`i' = 0
{txt}  3{com}. replace DID_`i' = 1 if _20`i' ==1 & expansion_state==1
{txt}  4{com}. {c )-}
{txt}(336,684 real changes made)
(336,451 real changes made)
(338,210 real changes made)
(339,559 real changes made)

{com}.
. *Based on the graphs (in Excel) and shown in the memo,
. *it looks like the common trends assumption would be appropriate.
.
. *1. First, I treat the control stats and treatment states as a homogenous group
. local demographics "nonwhite female married educ agecat*"
{txt}
{com}. regress hicov DID_* _201* `demographics' emp, nocons robust
{txt}note: agecat2 omitted because of collinearity

Linear regression                               Number of obs     = {res} 3,048,083
```

midterm_log

{txt}F(20, 3048063)   > {res}
99999.00
{txt}Prob > F   = {res}
0.0000
{txt}R-squared   = {res}
0.8540
{txt}Root MSE   =   {res}
.35

{txt}{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}   Robust
{col 1}   hicov{col 14}{c |}   Coef.{col 26}   Std. Err.{col 38}   t{col
46}   P>|t|{col 54}   [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .0230279{col 26}{space 2} .0008245{col
37}{space 1}   27.93{col 46}{space 3}0.000{col 54}{space 4} .0214119{col 67}{space
3} .0246439
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .0212168{col 26}{space 2}
.0008235{col 37}{space 1}   25.76{col 46}{space 3}0.000{col 54}{space 4}
.0196027{col 67}{space 3} .0228309
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .0217948{col 26}{space 2}
.0008173{col 37}{space 1}   26.67{col 46}{space 3}0.000{col 54}{space 4}
.0201929{col 67}{space 3} .0233966
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .0378153{col 26}{space 2}
.0007371{col 37}{space 1}   51.30{col 46}{space 3}0.000{col 54}{space 4}
.0363706{col 67}{space 3}   .03926
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .5153903{col 26}{space 2}
.0012385{col 37}{space 1} 416.14{col 46}{space 3}0.000{col 54}{space 4}
.5129629{col 67}{space 3} .5178177
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .5164347{col 26}{space 2}
.0012384{col 37}{space 1} 417.01{col 46}{space 3}0.000{col 54}{space 4}
.5140075{col 67}{space 3} .518862
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .5179104{col 26}{space 2}
.0012365{col 37}{space 1} 418.86{col 46}{space 3}0.000{col 54}{space 4}
.5154869{col 67}{space 3} .5203338
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .5484888{col 26}{space 2}
.0012189{col 37}{space 1} 449.99{col 46}{space 3}0.000{col 54}{space 4}
.5460998{col 67}{space 3} .5508778
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2} -.043565{col 26}{space 2}
.0005694{col 37}{space 1} -76.51{col 46}{space 3}0.000{col 54}{space 4}
-.044681{col 67}{space 3}-.0424491
{txt}{space 6}female {c |}{col 14}{res}{space 2} .0257029{col 26}{space 2}
.0004018{col 37}{space 1}   63.96{col 46}{space 3}0.000{col 54}{space 4}
.0249154{col 67}{space 3} .0264905
{txt}{space 5}married {c |}{col 14}{res}{space 2} .0870011{col 26}{space 2}
.0004391{col 37}{space 1} 198.13{col 46}{space 3}0.000{col 54}{space 4}
.0861405{col 67}{space 3} .0878618
{txt}{space 8}educ {c |}{col 14}{res}{space 2}   .1025{col 26}{space 2}
.0003628{col 37}{space 1} 282.49{col 46}{space 3}0.000{col 54}{space 4}
.1017888{col 67}{space 3} .1032111
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2}-.0066475{col 26}{space 2}
.0011835{col 37}{space 1}   -5.62{col 46}{space 3}0.000{col 54}{space
4}-.0089671{col 67}{space 3}-.0043278
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat3 {c |}{col 14}{res}{space 2} .007072{col 26}{space 2} .0013104{col
37}{space 1}   5.40{col 46}{space 3}0.000{col 54}{space 4} .0045036{col 67}{space
3} .0096404
{txt}{space 5}agecat4 {c |}{col 14}{res}{space 2} .0273624{col 26}{space 2}
.0011995{col 37}{space 1}   22.81{col 46}{space 3}0.000{col 54}{space 4}
.0250115{col 67}{space 3} .0297133
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} .0585994{col 26}{space 2}
.0010587{col 37}{space 1}   55.35{col 46}{space 3}0.000{col 54}{space 4}
.0565245{col 67}{space 3} .0606744

{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2} .0898374{col 26}{space 2}
.0009872{col 37}{space 1}   91.00{col 46}{space 3}0.000{col 54}{space 4}
.0879025{col 67}{space 3} .0917724
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2} .1132093{col 26}{space 2}
.0009667{col 37}{space 1} 117.11{col 46}{space 3}0.000{col 54}{space 4}
.1113146{col 67}{space 3} .1151041
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2} .1370565{col 26}{space 2}
.0009914{col 37}{space 1} 138.25{col 46}{space 3}0.000{col 54}{space 4}
.1351135{col 67}{space 3} .1389996
{txt}{space 9}emp {c |}{col 14}{res}{space 2} .0772329{col 26}{space 2} .0004959{col
37}{space 1} 155.76{col 46}{space 3}0.000{col 54}{space 4} .076261{col 67}{space
3} .0782047
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *2. Now, controlling for state-level variation (dummies)
. local demographics "nonwhite female married educ agecat*"
{txt}
{com}. xi: regress hicov DID_* _201* i.state `demographics' emp, nocons
cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _2014 omitted because of collinearity
note: _Istate_44 omitted because of collinearity

Linear regression   Number of obs   = {res} 3,048,083
                                                {txt}{help j_robustsingular:F(18,
41) }   = {res}   .
                                                {txt}Prob > F   = {res}
  .
                                                {txt}R-squared   = {res}
0.8551
                                                {txt}Root MSE   =   {res}
.34864

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}   Robust
{col 1}   hicov{col 14}{c |}   Coef.{col 26}   Std. Err.{col 38}   t{col
46}   P>|t|{col 54}   [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .0026199{col 26}{space 2} .0024448{col
37}{space 1}   1.07{col 46}{space 3}0.290{col 54}{space 4}-.0023175{col 67}{space
3} .0075573
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .0009525{col 26}{space 2}
.002536{col 37}{space 1}   0.38{col 46}{space 3}0.709{col 54}{space 4}-.0041689{col
67}{space 3} .006074
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .0013262{col 26}{space 2}
.0018748{col 37}{space 1}   0.71{col 46}{space 3}0.483{col 54}{space 4}
-.00246{col 67}{space 3} .0051125
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .0174151{col 26}{space 2}
.0038131{col 37}{space 1}   4.57{col 46}{space 3}0.000{col 54}{space 4}
.0097144{col 67}{space 3} .0251158
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2}-.0332502{col 26}{space 2}
.0022281{col 37}{space 1} -14.92{col 46}{space 3}0.000{col 54}{space 4}
-.03775{col 67}{space 3}-.0287504
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} -.032346{col 26}{space 2}
.0018593{col 37}{space 1} -17.40{col 46}{space 3}0.000{col 54}{space
4}-.0361009{col 67}{space 3}-.0285912
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2}-.0307114{col 26}{space 2}
.0022019{col 37}{space 1} -13.95{col 46}{space 3}0.000{col 54}{space
4}-.0351583{col 67}{space 3}-.0262645
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 3}_Istate_2 {c |}{col 14}{res}{space 2}-.1318845{col 26}{space 2}

.0006776{col 37}{space 1} -194.63{col 46}{space 3}0.000{col 54}{space 4}
-.133253{col 67}{space 3}-.1305161
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2} -.03962{col 26}{space 2}
.0011704{col 37}{space 1} -33.85{col 46}{space 3}0.000{col 54}{space
4}-.0419837{col 67}{space 3}-.0372563
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2}-.0395331{col 26}{space 2}
.0007496{col 37}{space 1} -52.74{col 46}{space 3}0.000{col 54}{space 4}
-.041047{col 67}{space 3}-.0380192
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2} -.082256{col 26}{space 2}
.0007335{col 37}{space 1} -112.13{col 46}{space 3}0.000{col 54}{space
4}-.0837374{col 67}{space 3}-.0807745
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2}-.0525301{col 26}{space 2}
.0006716{col 37}{space 1} -78.21{col 46}{space 3}0.000{col 54}{space
4}-.0538865{col 67}{space 3}-.0511737
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2}-.0638133{col 26}{space 2}
.0008853{col 37}{space 1} -72.08{col 46}{space 3}0.000{col 54}{space
4}-.0656012{col 67}{space 3}-.0620254
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0218989{col 26}{space 2}
.0002559{col 37}{space 1} -85.59{col 46}{space 3}0.000{col 54}{space
4}-.0224157{col 67}{space 3}-.0213822
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2}-.0246414{col 26}{space 2}
.0006877{col 37}{space 1} -35.83{col 46}{space 3}0.000{col 54}{space
4}-.0260302{col 67}{space 3}-.0232526
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2} .0195614{col 26}{space 2}
.0008479{col 37}{space 1}   23.07{col 46}{space 3}0.000{col 54}{space 4}
.0178491{col 67}{space 3} .0212737
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2}-.0191308{col 26}{space 2}
.0010641{col 37}{space 1} -17.98{col 46}{space 3}0.000{col 54}{space
4}-.0212798{col 67}{space 3}-.0169819
{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2}-.0094023{col 26}{space 2}
.0010979{col 37}{space 1}   -8.56{col 46}{space 3}0.000{col 54}{space
4}-.0116196{col 67}{space 3}-.0071849
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2}-.0404158{col 26}{space 2}
.0002233{col 37}{space 1} -181.01{col 46}{space 3}0.000{col 54}{space
4}-.0408667{col 67}{space 3}-.0399649
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2}-.0446254{col 26}{space 2}
.0010273{col 37}{space 1} -43.44{col 46}{space 3}0.000{col 54}{space
4}-.0467001{col 67}{space 3}-.0425506
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2} .0145171{col 26}{space 2}
.001183{col 37}{space 1}   12.27{col 46}{space 3}0.000{col 54}{space 4} .012128{col
67}{space 3} .0169063
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2} .0683172{col 26}{space 2}
.0007661{col 37}{space 1}   89.18{col 46}{space 3}0.000{col 54}{space 4}
.0667701{col 67}{space 3} .0698644
{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2}-.0032888{col 26}{space 2}
.0005468{col 37}{space 1}   -6.01{col 46}{space 3}0.000{col 54}{space
4}-.0043931{col 67}{space 3}-.0021845
{txt}{space 2}_Istate_28 {c |}{col 14}{res}{space 2}-.0358673{col 26}{space 2}
.0003713{col 37}{space 1} -96.59{col 46}{space 3}0.000{col 54}{space
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67}{space 3}-.0428108
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4}-.0590421{col 67}{space 3}-.0543437
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```
.0222331{col 67}{space 3} .0291531
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67}{space 3} .1162352
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.5585559{col 67}{space 3} .6040855
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67}{space 3} .6112456
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.5746622{col 67}{space 3} .6174369
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.5944631{col 67}{space 3} .6369613
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67}{space 3} .6657432
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.6841837{col 67}{space 3} .7166476
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.7094731{col 67}{space 3} .7394624
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37}{space 1}   23.74{col 46}{space 3}0.000{col 54}{space 4} .0695097{col 67}{space
3} .0824375
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *As expected, there is no significant difference between the two groups
. *in 2011-13, and in 2014, we see a significant positive difference.
.
. /*
> *3. Now instead of looking at the differences per year, I look at
> * the overall effect of the policy expasion
>
> *a) variable indicating if and when (2014) the ACA expansion was adopted
> gen event = 0
> replace event = 0 if expansion_state==1 & year==2014
>
> *b) variable indicating whether a period is 2014 (post-period v. pre)
> gen pre_post = 0
> replace pre_post = 1 if year==2014
>
> *c) variable indicating whether obs is in post period and in expansion state
> gen post_and_treatment = pre_post*expansion_state
>
> *d) continuous time variables
> *now try it with the event variable and i.year
> gen t = 1
> replace t = 2 if year ==2012
> replace t = 3 if year ==2013
> replace t = 4 if year ==2014
> gen t_sq = t^2
>
```

```
> *simple model
> *xi: regress hicov event i.state i.year, nocons cluster(state)
> *Note: This seems like the intuitively correct model, but somehow, the "event"
> variable is omitted
>
> I'll stick with model (2)
> */
.
. ************************************************
. *SECTION III: MODELING THE EFFECTS OF ACA EXPANSION
. ************************************************
.
. *Part A: Insurance coverage
. local demographics "nonwhite female married educ agecat*"
{txt}
{com}. *1. hicov
. xi: regress hicov DID_* _201* i.state `demographics' emp, nocons cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _2014 omitted because of collinearity
note: _Istate_44 omitted because of collinearity

Linear regression                               Number of obs     = {res} 3,048,083
                                                {txt}{help j_robustsingular:F(18,
41) }        =  {res}        .
                                                {txt}Prob > F          = {res}
  .
                                                {txt}R-squared         = {res}
0.8551
                                                {txt}Root MSE          =    {res}
.34864

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}    Robust
{col 1}       hicov{col 14}{c |}      Coef.{col 26}   Std. Err.{col 38}      t{col
46}   P>|t|{col 54}     [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .0026199{col 26}{space 2} .0024448{col
37}{space 1}    1.07{col 46}{space 3}0.290{col 54}{space 4}-.0023175{col 67}{space
3} .0075573
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .0009525{col 26}{space 2}
.002536{col 37}{space 1}    0.38{col 46}{space 3}0.709{col 54}{space 4}-.0041689{col
67}{space 3}  .006074
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.0018748{col 37}{space 1}    0.71{col 46}{space 3}0.483{col 54}{space 4}
-.00246{col 67}{space 3} .0051125
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.0097144{col 67}{space 3} .0251158
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-.03775{col 67}{space 3}-.0287504
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4}-.0361009{col 67}{space 3}-.0285912
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.0022019{col 37}{space 1}  -13.95{col 46}{space 3}0.000{col 54}{space
4}-.0351583{col 67}{space 3}-.0262645
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 3}_Istate_2 {c |}{col 14}{res}{space 2}-.1318845{col 26}{space 2}
.0006776{col 37}{space 1} -194.63{col 46}{space 3}0.000{col 54}{space 4}
-.133253{col 67}{space 3}-.1305161
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2}  -.03962{col 26}{space 2}
```

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4}-.0419837{col 67}{space 3}-.0372563
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-.041047{col 67}{space 3}-.0380192
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67}{space 3} .0169063
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4}-.0366172{col 67}{space 3}-.0351174
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-.02406{col 67}{space 3}-.0215083
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67}{space 3} -.008478
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(omitted)
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67}{space 3}-.0428108
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67}{space 3}-.0691725
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67}{space 3} -.017867
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.0037426{col 37}{space 1}   -9.99{col 46}{space 3}0.000{col 54}{space
4}-.0449446{col 67}{space 3}-.0298278
{txt}{space 6}female {c |}{col 14}{res}{space 2} .0256931{col 26}{space 2}
.0017132{col 37}{space 1}   15.00{col 46}{space 3}0.000{col 54}{space 4}
.0222331{col 67}{space 3} .0291531
{txt}{space 5}married {c |}{col 14}{res}{space 2} .0866518{col 26}{space 2}
.0035217{col 37}{space 1}   24.60{col 46}{space 3}0.000{col 54}{space 4}

```
.0795395{col 67}{space 3}  .093764
{txt}{space 8}educ {c |}{col 14}{res}{space 2} .1020136{col 26}{space 2}
.007042{col 37}{space 1}   14.49{col 46}{space 3}0.000{col 54}{space 4} .0877921{col
67}{space 3} .1162352
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2} .5813207{col 26}{space 2}
.0112723{col 37}{space 1}   51.57{col 46}{space 3}0.000{col 54}{space 4}
.5585559{col 67}{space 3} .6040855
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2} .5885641{col 26}{space 2}
.011231{col 37}{space 1}   52.41{col 46}{space 3}0.000{col 54}{space 4} .5658825{col
67}{space 3} .6112456
{txt}{space 5}agecat3 {c |}{col 14}{res}{space 2} .5960495{col 26}{space 2}
.0105902{col 37}{space 1}   56.28{col 46}{space 3}0.000{col 54}{space 4}
.5746622{col 67}{space 3} .6174369
{txt}{space 5}agecat4 {c |}{col 14}{res}{space 2} .6157122{col 26}{space 2}
.0105218{col 37}{space 1}   58.52{col 46}{space 3}0.000{col 54}{space 4}
.5944631{col 67}{space 3} .6369613
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} .6462829{col 26}{space 2}
.009636{col 37}{space 1}   67.07{col 46}{space 3}0.000{col 54}{space 4} .6268226{col
67}{space 3} .6657432
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2} .6771014{col 26}{space 2}
.0084277{col 37}{space 1}   80.34{col 46}{space 3}0.000{col 54}{space 4}
.6600813{col 67}{space 3} .6941214
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2} .7004156{col 26}{space 2}
.0080374{col 37}{space 1}   87.14{col 46}{space 3}0.000{col 54}{space 4}
.6841837{col 67}{space 3} .7166476
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2} .7244678{col 26}{space 2}
.0074248{col 37}{space 1}   97.57{col 46}{space 3}0.000{col 54}{space 4}
.7094731{col 67}{space 3} .7394624
{txt}{space 9}emp {c |}{col 14}{res}{space 2} .0759736{col 26}{space 2} .0032007{col
37}{space 1}   23.74{col 46}{space 3}0.000{col 54}{space 4} .0695097{col 67}{space
3} .0824375
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *2. pubocv
. xi: regress pubcov DID_* _201* i.state `demographics' emp, nocons cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _2014 omitted because of collinearity
note: _Istate_44 omitted because of collinearity

Linear regression                               Number of obs     = {res} 3,048,083
                                                {txt}{help j_robustsingular:F(18,
41) }        =  {res}        .
                                                {txt}Prob > F          = {res}
  .
                                                {txt}R-squared         = {res}
0.3386
                                                {txt}Root MSE          =    {res}
.31623

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}    Robust
{col 1}      pubcov{col 14}{c |}      Coef.{col 26}   Std. Err.{col 38}      t{col
46}   P>|t|{col 54}     [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2}-.0085853{col 26}{space 2} .0020843{col
37}{space 1}   -4.12{col 46}{space 3}0.000{col 54}{space 4}-.0127945{col 67}{space
3} -.004376
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2}-.0082156{col 26}{space 2}
.0024843{col 37}{space 1}   -3.31{col 46}{space 3}0.002{col 54}{space
4}-.0132327{col 67}{space 3}-.0031985
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2}-.0060783{col 26}{space 2}
```

.0016611{col 37}{space 1}   -3.66{col 46}{space 3}0.001{col 54}{space 4}
-.009433{col 67}{space 3}-.0027235
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .0212598{col 26}{space 2}
.0023925{col 37}{space 1}   8.89{col 46}{space 3}0.000{col 54}{space 4}
.016428{col 67}{space 3} .0260916
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2}-.0120412{col 26}{space 2}
.0020632{col 37}{space 1}   -5.84{col 46}{space 3}0.000{col 54}{space
4}-.0162079{col 67}{space 3}-.0078746
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2}-.0089698{col 26}{space 2}
.0019436{col 37}{space 1}   -4.62{col 46}{space 3}0.000{col 54}{space 4}
-.012895{col 67}{space 3}-.0050447
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2}-.0081205{col 26}{space 2}
.0016339{col 37}{space 1}   -4.97{col 46}{space 3}0.000{col 54}{space
4}-.0114202{col 67}{space 3}-.0048209
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 3}_Istate_2 {c |}{col 14}{res}{space 2}-.0584504{col 26}{space 2}
.0005647{col 37}{space 1} -103.50{col 46}{space 3}0.000{col 54}{space
4}-.0595909{col 67}{space 3}-.0573099
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2} .0286711{col 26}{space 2}
.0009748{col 37}{space 1}   29.41{col 46}{space 3}0.000{col 54}{space 4}
.0267024{col 67}{space 3} .0306398
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2}-.0308965{col 26}{space 2}
.0011816{col 37}{space 1} -26.15{col 46}{space 3}0.000{col 54}{space
4}-.0332829{col 67}{space 3}-.0285102
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2}-.0342903{col 26}{space 2}
.0007664{col 37}{space 1} -44.74{col 46}{space 3}0.000{col 54}{space
4}-.0358381{col 67}{space 3}-.0327424
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2} -.037677{col 26}{space 2}
.0003462{col 37}{space 1} -108.82{col 46}{space 3}0.000{col 54}{space
4}-.0383762{col 67}{space 3}-.0369778
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2}-.0168206{col 26}{space 2}
.0014485{col 37}{space 1} -11.61{col 46}{space 3}0.000{col 54}{space
4}-.0197459{col 67}{space 3}-.0138953
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0329533{col 26}{space 2}
.0003514{col 37}{space 1} -93.78{col 46}{space 3}0.000{col 54}{space 4}
-.033663{col 67}{space 3}-.0322437
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2}-.0210893{col 26}{space 2}
.0011937{col 37}{space 1} -17.67{col 46}{space 3}0.000{col 54}{space 4}
-.0235{col 67}{space 3}-.0186787
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2} .0088607{col 26}{space 2}
.0007358{col 37}{space 1}   12.04{col 46}{space 3}0.000{col 54}{space 4}
.0073747{col 67}{space 3} .0103467
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2}-.0175875{col 26}{space 2}
.0017364{col 37}{space 1} -10.13{col 46}{space 3}0.000{col 54}{space
4}-.0210943{col 67}{space 3}-.0140808
{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2} .021233{col 26}{space 2}
.0007336{col 37}{space 1}   28.94{col 46}{space 3}0.000{col 54}{space 4}
.0197514{col 67}{space 3} .0227146
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2}-.0142432{col 26}{space 2}
.0002306{col 37}{space 1} -61.77{col 46}{space 3}0.000{col 54}{space
4}-.0147089{col 67}{space 3}-.0137775
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2} .0315526{col 26}{space 2}
.0016113{col 37}{space 1}   19.58{col 46}{space 3}0.000{col 54}{space 4}
.0282985{col 67}{space 3} .0348067
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2}-.0227949{col 26}{space 2}
.0009005{col 37}{space 1} -25.31{col 46}{space 3}0.000{col 54}{space
4}-.0246134{col 67}{space 3}-.0209764
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2} .0570288{col 26}{space 2}
.0003825{col 37}{space 1} 149.10{col 46}{space 3}0.000{col 54}{space 4}
.0562563{col 67}{space 3} .0578012
{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2}-.0098006{col 26}{space 2}
.0007553{col 37}{space 1} -12.98{col 46}{space 3}0.000{col 54}{space 4}
-.011326{col 67}{space 3}-.0082753

{txt}{space 2}_Istate_28 {c |}{col 14}{res}{space 2} .0016852{col 26}{space 2}
.0005223{col 37}{space 1}   3.23{col 46}{space 3}0.002{col 54}{space 4}
.0006303{col 67}{space 3} .0027401
{txt}{space 2}_Istate_29 {c |}{col 14}{res}{space 2}-.0061772{col 26}{space 2}
.001057{col 37}{space 1}   -5.84{col 46}{space 3}0.000{col 54}{space 4}-.0083118{col
67}{space 3}-.0040426
{txt}{space 2}_Istate_30 {c |}{col 14}{res}{space 2}-.0152837{col 26}{space 2}
.0016996{col 37}{space 1}   -8.99{col 46}{space 3}0.000{col 54}{space
4}-.0187162{col 67}{space 3}-.0118512
{txt}{space 2}_Istate_31 {c |}{col 14}{res}{space 2}-.0128461{col 26}{space 2}
.0021831{col 37}{space 1}   -5.88{col 46}{space 3}0.000{col 54}{space
4}-.0172549{col 67}{space 3}-.0084373
{txt}{space 2}_Istate_32 {c |}{col 14}{res}{space 2}-.0516958{col 26}{space 2}
.0008924{col 37}{space 1} -57.93{col 46}{space 3}0.000{col 54}{space
4}-.0534979{col 67}{space 3}-.0498937
{txt}{space 2}_Istate_33 {c |}{col 14}{res}{space 2}-.0256701{col 26}{space 2}
.002216{col 37}{space 1} -11.58{col 46}{space 3}0.000{col 54}{space 4}-.0301454{col
67}{space 3}-.0211948
{txt}{space 2}_Istate_34 {c |}{col 14}{res}{space 2} -.038794{col 26}{space 2}
.0006033{col 37}{space 1} -64.30{col 46}{space 3}0.000{col 54}{space
4}-.0400124{col 67}{space 3}-.0375755
{txt}{space 2}_Istate_35 {c |}{col 14}{res}{space 2} .000694{col 26}{space 2}
.0012055{col 37}{space 1}   0.58{col 46}{space 3}0.568{col 54}{space
4}-.0017405{col 67}{space 3} .0031285
{txt}{space 2}_Istate_37 {c |}{col 14}{res}{space 2}-.0187296{col 26}{space 2}
.0005298{col 37}{space 1} -35.35{col 46}{space 3}0.000{col 54}{space
4}-.0197996{col 67}{space 3}-.0176595
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2}-.0375051{col 26}{space 2}
.0008636{col 37}{space 1} -43.43{col 46}{space 3}0.000{col 54}{space
4}-.0392492{col 67}{space 3} -.035761
{txt}{space 2}_Istate_39 {c |}{col 14}{res}{space 2}-.0194344{col 26}{space 2}
.0003617{col 37}{space 1} -53.73{col 46}{space 3}0.000{col 54}{space
4}-.0201649{col 67}{space 3} -.018704
{txt}{space 2}_Istate_40 {c |}{col 14}{res}{space 2}-.0192319{col 26}{space 2}
.0005032{col 37}{space 1} -38.22{col 46}{space 3}0.000{col 54}{space 4}
-.020248{col 67}{space 3}-.0182157
{txt}{space 2}_Istate_41 {c |}{col 14}{res}{space 2} -.002034{col 26}{space 2}
.0002697{col 37}{space 1}   -7.54{col 46}{space 3}0.000{col 54}{space
4}-.0025786{col 67}{space 3}-.0014894
{txt}{space 2}_Istate_42 {c |}{col 14}{res}{space 2}-.0107205{col 26}{space 2}
.0013845{col 37}{space 1}   -7.74{col 46}{space 3}0.000{col 54}{space
4}-.0135164{col 67}{space 3}-.0079245
{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2}   0{col 26}{txt}
(omitted)
{space 2}_Istate_45 {c |}{col 14}{res}{space 2}-.0164884{col 26}{space 2}
.0002521{col 37}{space 1} -65.39{col 46}{space 3}0.000{col 54}{space
4}-.0169976{col 67}{space 3}-.0159792
{txt}{space 2}_Istate_46 {c |}{col 14}{res}{space 2}-.0076632{col 26}{space 2}
.0019972{col 37}{space 1}   -3.84{col 46}{space 3}0.000{col 54}{space
4}-.0116966{col 67}{space 3}-.0036297
{txt}{space 2}_Istate_47 {c |}{col 14}{res}{space 2}-.0124773{col 26}{space 2}
.0006332{col 37}{space 1} -19.70{col 46}{space 3}0.000{col 54}{space
4}-.0137562{col 67}{space 3}-.0111985
{txt}{space 2}_Istate_48 {c |}{col 14}{res}{space 2}-.0302516{col 26}{space 2}
.0008664{col 37}{space 1} -34.92{col 46}{space 3}0.000{col 54}{space
4}-.0320014{col 67}{space 3}-.0285018
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2}-.0292416{col 26}{space 2}
.001753{col 37}{space 1} -16.68{col 46}{space 3}0.000{col 54}{space 4}-.0327819{col
67}{space 3}-.0257012
{txt}{space 2}_Istate_51 {c |}{col 14}{res}{space 2}-.0306766{col 26}{space 2}
.0012067{col 37}{space 1} -25.42{col 46}{space 3}0.000{col 54}{space
4}-.0331136{col 67}{space 3}-.0282397
{txt}{space 2}_Istate_53 {c |}{col 14}{res}{space 2}-.0124081{col 26}{space 2}

.0003383{col 37}{space 1} -36.68{col 46}{space 3}0.000{col 54}{space
4}-.0130913{col 67}{space 3}-.0117248
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2} .0457578{col 26}{space 2}
.0008615{col 37}{space 1}   53.11{col 46}{space 3}0.000{col 54}{space 4}
.0440179{col 67}{space 3} .0474977
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2}-.0099317{col 26}{space 2}
.00052{col 37}{space 1} -19.10{col 46}{space 3}0.000{col 54}{space 4}-.0109819{col
67}{space 3}-.0088816
{txt}{space 2}_Istate_56 {c |}{col 14}{res}{space 2} -.026448{col 26}{space 2}
.0019723{col 37}{space 1} -13.41{col 46}{space 3}0.000{col 54}{space
4}-.0304312{col 67}{space 3}-.0224649
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2} .0395173{col 26}{space 2}
.0044393{col 37}{space 1}   8.90{col 46}{space 3}0.000{col 54}{space 4}
.030552{col 67}{space 3} .0484825
{txt}{space 6}female {c |}{col 14}{res}{space 2}-.0410202{col 26}{space 2}
.0027447{col 37}{space 1} -14.95{col 46}{space 3}0.000{col 54}{space
4}-.0465631{col 67}{space 3}-.0354773
{txt}{space 5}married {c |}{col 14}{res}{space 2}-.1104897{col 26}{space 2}
.0035035{col 37}{space 1} -31.54{col 46}{space 3}0.000{col 54}{space
4}-.1175651{col 67}{space 3}-.1034143
{txt}{space 8}educ {c |}{col 14}{res}{space 2}-.0725001{col 26}{space 2}
.0032462{col 37}{space 1} -22.33{col 46}{space 3}0.000{col 54}{space
4}-.0790559{col 67}{space 3}-.0659444
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2} .4784819{col 26}{space 2}
.0085543{col 37}{space 1}   55.93{col 46}{space 3}0.000{col 54}{space 4}
.4612061{col 67}{space 3} .4957577
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2} .4920276{col 26}{space 2}
.0088265{col 37}{space 1}   55.74{col 46}{space 3}0.000{col 54}{space 4}
.4742021{col 67}{space 3} .5098532
{txt}{space 5}agecat3 {c |}{col 14}{res}{space 2} .5026408{col 26}{space 2}
.0086626{col 37}{space 1}   58.02{col 46}{space 3}0.000{col 54}{space 4}
.4851462{col 67}{space 3} .5201353
{txt}{space 5}agecat4 {c |}{col 14}{res}{space 2} .5175342{col 26}{space 2}
.0087295{col 37}{space 1}   59.29{col 46}{space 3}0.000{col 54}{space 4}
.4999046{col 67}{space 3} .5351639
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} .5269817{col 26}{space 2}
.0082572{col 37}{space 1}   63.82{col 46}{space 3}0.000{col 54}{space 4}
.5103059{col 67}{space 3} .5436575
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2} .5373858{col 26}{space 2}
.0079333{col 37}{space 1}   67.74{col 46}{space 3}0.000{col 54}{space 4}
.5213642{col 67}{space 3} .5534073
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2} .5446863{col 26}{space 2}
.0072849{col 37}{space 1}   74.77{col 46}{space 3}0.000{col 54}{space 4}
.5299741{col 67}{space 3} .5593984
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2} .5561443{col 26}{space 2}
.0061365{col 37}{space 1}   90.63{col 46}{space 3}0.000{col 54}{space 4}
.5437515{col 67}{space 3} .5685372
{txt}{space 9}emp {c |}{col 14}{res}{space 2}-.2831804{col 26}{space 2} .0070591{col
37}{space 1} -40.12{col 46}{space 3}0.000{col 54}{space 4}-.2974365{col 67}{space
3}-.2689242
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *3. privcov
. xi: regress privcov DID_* _201* i.state `demographics' emp, nocons cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _2014 omitted because of collinearity
note: _Istate_44 omitted because of collinearity

Linear regression   Number of obs   = {res} 3,048,083
                                                {txt}{help j_robustsingular:F(18,
41) }   = {res}   .
                                                {txt}Prob > F   = {res}

```
  .
                                                    {txt}R-squared         = {res}
0.8051
                                                    {txt}Root MSE          =    {res}
.37748

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}    Robust
{col 1}     privcov{col 14}{c |}      Coef.{col 26}   Std. Err.{col 38}      t{col
46}   P>|t|{col 54}     [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2}-.0088613{col 26}{space 2} .0016549{col
37}{space 1}   -5.35{col 46}{space 3}0.000{col 54}{space 4}-.0122034{col 67}{space
3}-.0055192
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2}-.0115852{col 26}{space 2}
.0015078{col 37}{space 1}   -7.68{col 46}{space 3}0.000{col 54}{space
4}-.0146302{col 67}{space 3}-.0085403
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2}-.0131364{col 26}{space 2}
.001471{col 37}{space 1}   -8.93{col 46}{space 3}0.000{col 54}{space 4}-.0161072{col
67}{space 3}-.0101657
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2}-.0240629{col 26}{space 2}
.0033032{col 37}{space 1}   -7.28{col 46}{space 3}0.000{col 54}{space
4}-.0307337{col 67}{space 3} -.017392
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2}-.0221856{col 26}{space 2}
.0026339{col 37}{space 1}   -8.42{col 46}{space 3}0.000{col 54}{space
4}-.0275048{col 67}{space 3}-.0168663
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2}-.0242717{col 26}{space 2}
.0026294{col 37}{space 1}   -9.23{col 46}{space 3}0.000{col 54}{space 4}
-.029582{col 67}{space 3}-.0189614
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2}-.0240461{col 26}{space 2}
.0023681{col 37}{space 1}  -10.15{col 46}{space 3}0.000{col 54}{space
4}-.0288285{col 67}{space 3}-.0192637
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 3}_Istate_2 {c |}{col 14}{res}{space 2}-.0957214{col 26}{space 2}
.0007613{col 37}{space 1} -125.73{col 46}{space 3}0.000{col 54}{space
4}-.0972588{col 67}{space 3}-.0941839
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2}-.0581329{col 26}{space 2}
.0009049{col 37}{space 1}  -64.24{col 46}{space 3}0.000{col 54}{space
4}-.0599605{col 67}{space 3}-.0563054
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2}-.0218518{col 26}{space 2}
.0010569{col 37}{space 1}  -20.67{col 46}{space 3}0.000{col 54}{space
4}-.0239863{col 67}{space 3}-.0197173
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2}-.0727925{col 26}{space 2}
.0004926{col 37}{space 1} -147.76{col 46}{space 3}0.000{col 54}{space
4}-.0737874{col 67}{space 3}-.0717976
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2}-.0364964{col 26}{space 2}
.0007773{col 37}{space 1}  -46.96{col 46}{space 3}0.000{col 54}{space
4}-.0380661{col 67}{space 3}-.0349267
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2}-.0625624{col 26}{space 2}
.0009993{col 37}{space 1}  -62.61{col 46}{space 3}0.000{col 54}{space
4}-.0645805{col 67}{space 3}-.0605444
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.0002804{col 37}{space 1}    1.14{col 46}{space 3}0.261{col 54}{space
4}-.0002467{col 67}{space 3} .0008858
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4}-.0288377{col 67}{space 3} -.025582
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.0012541{col 37}{space 1}   11.07{col 46}{space 3}0.000{col 54}{space 4}
.0113556{col 67}{space 3} .0164212
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.0008239{col 37}{space 1}  -24.32{col 46}{space 3}0.000{col 54}{space
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4}-.0217027{col 67}{space 3}-.0183751
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4}-.0239209{col 67}{space 3}-.0198684
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.0003579{col 37}{space 1} -133.52{col 46}{space 3}0.000{col 54}{space
4}-.0485111{col 67}{space 3}-.0470655
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4}-.0959169{col 67}{space 3} -.092067
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.001434{col 37}{space 1}   25.98{col 46}{space 3}0.000{col 54}{space 4} .0343582{col
67}{space 3} .0401503
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.0095939{col 67}{space 3} .0124544
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-.011985{col 67}{space 3}-.0099876
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4}-.0562557{col 67}{space 3}  -.05453
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4}-.0383408{col 67}{space 3}-.0359623
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4}-.0178179{col 67}{space 3}-.0133376
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67}{space 3}-.0126117
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4}-.0755269{col 67}{space 3}-.0742811
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4}-.0417908{col 67}{space 3} -.040872
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.0093564{col 67}{space 3} .0121335
{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2}        0{col 26}{txt}
(omitted)
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4}-.0382161{col 67}{space 3}-.0369954
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4}-.0203271{col 67}{space 3}-.0157321
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4}-.0365415{col 67}{space 3}-.0349587
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4}-.0653866{col 67}{space 3}-.0637524
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4}-.0246605{col 67}{space 3}-.0212482
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.0105588{col 67}{space 3} .0149755
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4}-.0507409{col 67}{space 3}-.0466001
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4}-.0803266{col 67}{space 3}-.0609382
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.0023664{col 37}{space 1}   18.43{col 46}{space 3}0.000{col 54}{space 4}
.0388322{col 67}{space 3} .0483902
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.188329{col 67}{space 3} .2043029
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.1601436{col 67}{space 3} .184364
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.0072421{col 37}{space 1}   28.33{col 46}{space 3}0.000{col 54}{space 4}
.1905192{col 67}{space 3} .2197708
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.1863952{col 67}{space 3} .2128949
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.1857579{col 67}{space 3} .2105261
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.1949232{col 67}{space 3} .2192767
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.2210548{col 67}{space 3} .2455452
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.2465177{col 67}{space 3} .2690107
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.2709637{col 67}{space 3} .2943847

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.3069482{col 67}{space 3} .335461
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37}{space 1}   73.39{col 46}{space 3}0.000{col 54}{space 4} .2900328{col 67}{space
3} .3064467
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *fewer people on private insurance
. *the difference between the years is statisticall significant
. *i.e. their confidence intervals don't overlap.
.
.
. *Part B: Employment outcomes
. local demographics "nonwhite female married educ agecat*"
{txt}
{com}.
. *1. emp
. xi: regress emp DID_* _201* i.state `demographics', nocons cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_38 omitted because of collinearity
note: agecat2 omitted because of collinearity

Linear regression   Number of obs   = {res} 3,048,083
                                                {txt}{help j_robustsingular:F(17,
41) }   = {res}   .
                                                {txt}Prob > F   = {res}
  .
                                                {txt}R-squared   = {res}
0.7087
                                                {txt}Root MSE   =   {res}
.44384

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}   Robust
{col 1}   emp{col 14}{c |}   Coef.{col 26}   Std. Err.{col 38}   t{col
46}   P>|t|{col 54}   [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .1332403{col 26}{space 2} .001609{col
37}{space 1}   82.81{col 46}{space 3}0.000{col 54}{space 4} .129991{col 67}{space
3} .1364897
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.1291244{col 67}{space 3} .1405007
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .1338279{col 26}{space 2}
.0030084{col 37}{space 1}   44.49{col 46}{space 3}0.000{col 54}{space 4}
.1277524{col 67}{space 3} .1399034
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.1293382{col 67}{space 3} .1394612
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.5235191{col 67}{space 3} .5506231
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.529012{col 67}{space 3} .553967
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67}{space 3} .562814
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67}{space 3} .569207
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67}{space 3} .0651757
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4}-.1294949{col 67}{space 3}-.1234721
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4}-.1017521{col 67}{space 3}-.0918112
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.0330767{col 67}{space 3} .037259
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.0299322{col 67}{space 3} .0316445
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67}{space 3} .0437317
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4}-.0712935{col 67}{space 3}-.0666762
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.0015937{col 37}{space 1}   38.70{col 46}{space 3}0.000{col 54}{space 4}
.0584552{col 67}{space 3} .0648923
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4}-.0125426{col 67}{space 3}-.0119572
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.0938928{col 67}{space 3} .1019127
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4}-.1411063{col 67}{space 3}-.1382653
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.0281242{col 67}{space 3} .0302076
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.0392509{col 67}{space 3} .0490857
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4}-.0387356{col 67}{space 3}-.0293642
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-.060286{col 67}{space 3}-.0572556
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67}{space 3} .0054072
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.0107403{col 67}{space 3} .0151326
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.0623909{col 67}{space 3} .0711178
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67}{space 3} .1455632
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67}{space 3}-.0824497
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4}-.1265102{col 67}{space 3}-.1179005
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(omitted)
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4}-.0829054{col 67}{space 3}-.0791969
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4}-.1136588{col 67}{space 3}-.1117179
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-.063595{col 67}{space 3}-.0608961
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.0238911{col 67}{space 3} .0245175
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.135563{col 67}{space 3} .1434376
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.0008346{col 37}{space 1}   76.81{col 46}{space 3}0.000{col 54}{space 4}
.0624209{col 67}{space 3}  .065792
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2} .0729733{col 26}{space 2}
.0023063{col 37}{space 1}   31.64{col 46}{space 3}0.000{col 54}{space 4}
.0683157{col 67}{space 3}  .077631
{txt}{space 2}_Istate_51 {c |}{col 14}{res}{space 2} .0818508{col 26}{space 2}
.0010521{col 37}{space 1}   77.80{col 46}{space 3}0.000{col 54}{space 4}
.0797261{col 67}{space 3} .0839755
{txt}{space 2}_Istate_53 {c |}{col 14}{res}{space 2}-.0896847{col 26}{space 2}
.0008346{col 37}{space 1} -107.46{col 46}{space 3}0.000{col 54}{space
4}-.0913702{col 67}{space 3}-.0879993
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2}-.1591854{col 26}{space 2}
.0006182{col 37}{space 1} -257.51{col 46}{space 3}0.000{col 54}{space
4}-.1604338{col 67}{space 3} -.157937
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2}-.0362974{col 26}{space 2}
.0001399{col 37}{space 1} -259.49{col 46}{space 3}0.000{col 54}{space
4}-.0365798{col 67}{space 3}-.0360149
{txt}{space 2}_Istate_56 {c |}{col 14}{res}{space 2} .1102902{col 26}{space 2}
.0022674{col 37}{space 1}   48.64{col 46}{space 3}0.000{col 54}{space 4}
.1057111{col 67}{space 3} .1148692
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2}-.0458141{col 26}{space 2}
.0088064{col 37}{space 1}   -5.20{col 46}{space 3}0.000{col 54}{space 4}
-.063599{col 67}{space 3}-.0280292
```

{txt}{space 6}female {c |}{col 14}{res}{space 2}-.0613604{col 26}{space 2}
.0041636{col 37}{space 1} -14.74{col 46}{space 3}0.000{col 54}{space
4}-.0697689{col 67}{space 3}-.0529519
{txt}{space 5}married {c |}{col 14}{res}{space 2} .0772481{col 26}{space 2}
.0037288{col 37}{space 1}   20.72{col 46}{space 3}0.000{col 54}{space 4}
.0697177{col 67}{space 3} .0847785
{txt}{space 8}educ {c |}{col 14}{res}{space 2} .1472929{col 26}{space 2}
.004259{col 37}{space 1}   34.58{col 46}{space 3}0.000{col 54}{space 4} .1386918{col
67}{space 3} .1558941
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2} .0095864{col 26}{space 2}
.0027736{col 37}{space 1}   3.46{col 46}{space 3}0.001{col 54}{space 4}
.0039851{col 67}{space 3} .0151878
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat3 {c |}{col 14}{res}{space 2}-.0121234{col 26}{space 2} .0016092{col
37}{space 1}   -7.53{col 46}{space 3}0.000{col 54}{space 4}-.0153734{col 67}{space
3}-.0088735
{txt}{space 5}agecat4 {c |}{col 14}{res}{space 2}-.0203684{col 26}{space 2}
.002166{col 37}{space 1}   -9.40{col 46}{space 3}0.000{col 54}{space 4}-.0247427{col
67}{space 3}-.0159941
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2}-.0299242{col 26}{space 2}
.0024115{col 37}{space 1} -12.41{col 46}{space 3}0.000{col 54}{space
4}-.0347944{col 67}{space 3} -.025054
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2}-.0596775{col 26}{space 2}
.0024894{col 37}{space 1} -23.97{col 46}{space 3}0.000{col 54}{space
4}-.0647049{col 67}{space 3}-.0546502
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2}-.1365624{col 26}{space 2}
.0032535{col 37}{space 1} -41.97{col 46}{space 3}0.000{col 54}{space 4}
-.143133{col 67}{space 3}-.1299918
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2}-.3046598{col 26}{space 2}
.0052075{col 37}{space 1} -58.50{col 46}{space 3}0.000{col 54}{space
4}-.3151766{col 67}{space 3} -.294143
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *2. emp30hrs
. xi: regress emp30hrs DID_* _201* i.state `demographics', nocons cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_38 omitted because of collinearity
note: agecat2 omitted because of collinearity

Linear regression   Number of obs   = {res} 3,048,083
                                                {txt}{help j_robustsingular:F(17,
41) }   = {res}   .
                                                {txt}Prob > F   = {res}
  .
                                                {txt}R-squared   = {res}
0.6491
                                                {txt}Root MSE   =   {res}
.46186

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}   Robust
{col 1}   emp30hrs{col 14}{c |}   Coef.{col 26}   Std. Err.{col 38}   t{col
46}   P>|t|{col 54}   [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .1199483{col 26}{space 2} .0017257{col
37}{space 1}   69.51{col 46}{space 3}0.000{col 54}{space 4} .1164632{col 67}{space
3} .1234334
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .1199632{col 26}{space 2}
.0028093{col 37}{space 1}   42.70{col 46}{space 3}0.000{col 54}{space 4}
.1142896{col 67}{space 3} .1256367
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .1212887{col 26}{space 2}

.0031225{col 37}{space 1}   38.84{col 46}{space 3}0.000{col 54}{space 4}
.1149827{col 67}{space 3} .1275947
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .1224324{col 26}{space 2}
.002702{col 37}{space 1}   45.31{col 46}{space 3}0.000{col 54}{space 4} .1169756{col
67}{space 3} .1278892
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .5009567{col 26}{space 2}
.0058577{col 37}{space 1}   85.52{col 46}{space 3}0.000{col 54}{space 4}
.4891268{col 67}{space 3} .5127866
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .5064937{col 26}{space 2}
.005215{col 37}{space 1}   97.12{col 46}{space 3}0.000{col 54}{space 4} .4959617{col
67}{space 3} .5170256
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .5131456{col 26}{space 2}
.0052571{col 37}{space 1}   97.61{col 46}{space 3}0.000{col 54}{space 4}
.5025287{col 67}{space 3} .5237625
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .5188426{col 26}{space 2}
.0053538{col 37}{space 1}   96.91{col 46}{space 3}0.000{col 54}{space 4}
.5080304{col 67}{space 3} .5296548
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2} .0463548{col 26}{space 2}
.0003224{col 37}{space 1} 143.79{col 46}{space 3}0.000{col 54}{space 4}
.0457038{col 67}{space 3} .0470059
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2}-.1146587{col 26}{space 2}
.0014921{col 37}{space 1} -76.84{col 46}{space 3}0.000{col 54}{space
4}-.1176721{col 67}{space 3}-.1116453
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2}-.1104745{col 26}{space 2}
.0025173{col 37}{space 1} -43.89{col 46}{space 3}0.000{col 54}{space
4}-.1155584{col 67}{space 3}-.1053906
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2} .0229789{col 26}{space 2}
.0010547{col 37}{space 1}   21.79{col 46}{space 3}0.000{col 54}{space 4}
.0208489{col 67}{space 3} .0251089
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2} .0231809{col 26}{space 2}
.0003972{col 37}{space 1}   58.37{col 46}{space 3}0.000{col 54}{space 4}
.0223788{col 67}{space 3} .023983
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2} .0113305{col 26}{space 2}
.0021934{col 37}{space 1}   5.17{col 46}{space 3}0.000{col 54}{space 4}
.0069008{col 67}{space 3} .0157602
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0765139{col 26}{space 2}
.0011623{col 37}{space 1} -65.83{col 46}{space 3}0.000{col 54}{space
4}-.0788612{col 67}{space 3}-.0741666
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2} .0476105{col 26}{space 2}
.001704{col 37}{space 1}   27.94{col 46}{space 3}0.000{col 54}{space 4} .0441692{col
67}{space 3} .0510518
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2}-.0218898{col 26}{space 2}
.0001439{col 37}{space 1} -152.12{col 46}{space 3}0.000{col 54}{space
4}-.0221804{col 67}{space 3}-.0215992
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2} .0834383{col 26}{space 2}
.0020211{col 37}{space 1}   41.28{col 46}{space 3}0.000{col 54}{space 4}
.0793565{col 67}{space 3}   .08752
{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2}-.1333044{col 26}{space 2}
.0006498{col 37}{space 1} -205.13{col 46}{space 3}0.000{col 54}{space
4}-.1346168{col 67}{space 3} -.131992
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2} .0236935{col 26}{space 2}
.0004815{col 37}{space 1}   49.21{col 46}{space 3}0.000{col 54}{space 4}
.0227211{col 67}{space 3} .0246658
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2} .0188523{col 26}{space 2}
.0024748{col 37}{space 1}   7.62{col 46}{space 3}0.000{col 54}{space 4}
.0138544{col 67}{space 3} .0238502
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2}-.0310563{col 26}{space 2}
.0024751{col 37}{space 1} -12.55{col 46}{space 3}0.000{col 54}{space
4}-.0360549{col 67}{space 3}-.0260576
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2}-.0713073{col 26}{space 2}
.0007121{col 37}{space 1} -100.14{col 46}{space 3}0.000{col 54}{space
4}-.0727454{col 67}{space 3}-.0698693
{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2}-.0223563{col 26}{space 2}

.0014451{col 37}{space 1} -15.47{col 46}{space 3}0.000{col 54}{space
4}-.0252747{col 67}{space 3}-.0194379
{txt}{space 2}_Istate_28 {c |}{col 14}{res}{space 2} .0113413{col 26}{space 2}
.0011169{col 37}{space 1}   10.15{col 46}{space 3}0.000{col 54}{space 4}
.0090857{col 67}{space 3} .0135969
{txt}{space 2}_Istate_29 {c |}{col 14}{res}{space 2} .0331625{col 26}{space 2}
.0015567{col 37}{space 1}   21.30{col 46}{space 3}0.000{col 54}{space 4}
.0300186{col 67}{space 3} .0363064
{txt}{space 2}_Istate_30 {c |}{col 14}{res}{space 2} .032111{col 26}{space 2}
.002152{col 37}{space 1}   14.92{col 46}{space 3}0.000{col 54}{space 4} .0277649{col
67}{space 3} .036457
{txt}{space 2}_Istate_31 {c |}{col 14}{res}{space 2} .1285373{col 26}{space 2}
.002359{col 37}{space 1}   54.49{col 46}{space 3}0.000{col 54}{space 4} .1237731{col
67}{space 3} .1333015
{txt}{space 2}_Istate_32 {c |}{col 14}{res}{space 2}-.0875133{col 26}{space 2}
.0019674{col 37}{space 1} -44.48{col 46}{space 3}0.000{col 54}{space
4}-.0914866{col 67}{space 3} -.08354
{txt}{space 2}_Istate_33 {c |}{col 14}{res}{space 2} .077784{col 26}{space 2}
.0027921{col 37}{space 1}   27.86{col 46}{space 3}0.000{col 54}{space 4}
.0721453{col 67}{space 3} .0834227
{txt}{space 2}_Istate_34 {c |}{col 14}{res}{space 2} -.067659{col 26}{space 2}
.0015908{col 37}{space 1} -42.53{col 46}{space 3}0.000{col 54}{space
4}-.0708716{col 67}{space 3}-.0644463
{txt}{space 2}_Istate_35 {c |}{col 14}{res}{space 2}-.1281377{col 26}{space 2}
.0021953{col 37}{space 1} -58.37{col 46}{space 3}0.000{col 54}{space
4}-.1325712{col 67}{space 3}-.1237042
{txt}{space 2}_Istate_37 {c |}{col 14}{res}{space 2} .0206918{col 26}{space 2}
.0004761{col 37}{space 1}   43.46{col 46}{space 3}0.000{col 54}{space 4}
.0197304{col 67}{space 3} .0216533
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2}   0{col 26}{txt}
(omitted)
{space 2}_Istate_39 {c |}{col 14}{res}{space 2}-.0876697{col 26}{space 2}
.0008963{col 37}{space 1} -97.81{col 46}{space 3}0.000{col 54}{space
4}-.0894799{col 67}{space 3}-.0858596
{txt}{space 2}_Istate_40 {c |}{col 14}{res}{space 2} .0381537{col 26}{space 2}
.0005367{col 37}{space 1}   71.09{col 46}{space 3}0.000{col 54}{space 4}
.0370699{col 67}{space 3} .0392375
{txt}{space 2}_Istate_41 {c |}{col 14}{res}{space 2}-.1363445{col 26}{space 2}
.0004917{col 37}{space 1} -277.29{col 46}{space 3}0.000{col 54}{space
4}-.1373375{col 67}{space 3}-.1353515
{txt}{space 2}_Istate_42 {c |}{col 14}{res}{space 2} .0475735{col 26}{space 2}
.0018927{col 37}{space 1}   25.14{col 46}{space 3}0.000{col 54}{space 4}
.0437512{col 67}{space 3} .0513959
{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2}-.0731794{col 26}{space 2}
.0006547{col 37}{space 1} -111.78{col 46}{space 3}0.000{col 54}{space
4}-.0745015{col 67}{space 3}-.0718572
{txt}{space 2}_Istate_45 {c |}{col 14}{res}{space 2} .0165768{col 26}{space 2}
.0001378{col 37}{space 1} 120.31{col 46}{space 3}0.000{col 54}{space 4}
.0162985{col 67}{space 3} .0168551
{txt}{space 2}_Istate_46 {c |}{col 14}{res}{space 2} .1207737{col 26}{space 2}
.0020099{col 37}{space 1}   60.09{col 46}{space 3}0.000{col 54}{space 4}
.1167146{col 67}{space 3} .1248327
{txt}{space 2}_Istate_47 {c |}{col 14}{res}{space 2} .0163559{col 26}{space 2}
.001045{col 37}{space 1}   15.65{col 46}{space 3}0.000{col 54}{space 4} .0142455{col
67}{space 3} .0184662
{txt}{space 2}_Istate_48 {c |}{col 14}{res}{space 2} .0578215{col 26}{space 2}
.000859{col 37}{space 1}   67.31{col 46}{space 3}0.000{col 54}{space 4} .0560867{col
67}{space 3} .0595563
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2} .0417824{col 26}{space 2}
.0023548{col 37}{space 1}   17.74{col 46}{space 3}0.000{col 54}{space 4}
.0370267{col 67}{space 3} .0465381
{txt}{space 2}_Istate_51 {c |}{col 14}{res}{space 2} .0710545{col 26}{space 2}
.0009573{col 37}{space 1}   74.22{col 46}{space 3}0.000{col 54}{space 4}

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.0691212{col 67}{space 3} .0729879
{txt}{space 2}_Istate_53 {c |}{col 14}{res}{space 2}-.0999164{col 26}{space 2}
.0008744{col 37}{space 1} -114.27{col 46}{space 3}0.000{col 54}{space
4}-.1016822{col 67}{space 3}-.0981506
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2}-.1464859{col 26}{space 2}
.0005408{col 37}{space 1} -270.88{col 46}{space 3}0.000{col 54}{space 4}
-.147578{col 67}{space 3}-.1453938
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2}-.0504181{col 26}{space 2}
.0001302{col 37}{space 1} -387.16{col 46}{space 3}0.000{col 54}{space
4}-.0506811{col 67}{space 3}-.0501551
{txt}{space 2}_Istate_56 {c |}{col 14}{res}{space 2} .0892046{col 26}{space 2}
.002301{col 37}{space 1}   38.77{col 46}{space 3}0.000{col 54}{space 4} .0845575{col
67}{space 3} .0938516
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2}-.0436914{col 26}{space 2}
.0094014{col 37}{space 1}   -4.65{col 46}{space 3}0.000{col 54}{space
4}-.0626779{col 67}{space 3}-.0247049
{txt}{space 6}female {c |}{col 14}{res}{space 2}-.1004231{col 26}{space 2}
.0036537{col 37}{space 1}  -27.49{col 46}{space 3}0.000{col 54}{space
4}-.1078019{col 67}{space 3}-.0930443
{txt}{space 5}married {c |}{col 14}{res}{space 2} .0787842{col 26}{space 2}
.0032687{col 37}{space 1}   24.10{col 46}{space 3}0.000{col 54}{space 4}
.072183{col 67}{space 3} .0853855
{txt}{space 8}educ {c |}{col 14}{res}{space 2} .1522596{col 26}{space 2}
.0036407{col 37}{space 1}   41.82{col 46}{space 3}0.000{col 54}{space 4}
.144907{col 67}{space 3} .1596122
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2}-.0020633{col 26}{space 2}
.003596{col 37}{space 1}   -0.57{col 46}{space 3}0.569{col 54}{space 4}-.0093255{col
67}{space 3} .0051989
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 5}agecat3 {c |}{col 14}{res}{space 2}-.0089332{col 26}{space 2} .0017256{col
37}{space 1}   -5.18{col 46}{space 3}0.000{col 54}{space 4}-.0124182{col 67}{space
3}-.0054481
{txt}{space 5}agecat4 {c |}{col 14}{res}{space 2} -.015248{col 26}{space 2}
.0020931{col 37}{space 1}   -7.28{col 46}{space 3}0.000{col 54}{space
4}-.0194751{col 67}{space 3}-.0110209
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} -.025068{col 26}{space 2}
.0027438{col 37}{space 1}   -9.14{col 46}{space 3}0.000{col 54}{space
4}-.0306092{col 67}{space 3}-.0195269
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2}-.0583543{col 26}{space 2}
.0024811{col 37}{space 1}  -23.52{col 46}{space 3}0.000{col 54}{space
4}-.0633649{col 67}{space 3}-.0533437
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2}-.1427052{col 26}{space 2}
.0028569{col 37}{space 1}  -49.95{col 46}{space 3}0.000{col 54}{space
4}-.1484748{col 67}{space 3}-.1369355
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2} -.319906{col 26}{space 2}
.0051649{col 37}{space 1}  -61.94{col 46}{space 3}0.000{col 54}{space
4}-.3303367{col 67}{space 3}-.3094753
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *3. self-employed
. xi: regress selfemp DID_* _201* i.state `demographics', nocons cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_38 omitted because of collinearity
note: agecat2 omitted because of collinearity

Linear regression                               Number of obs     = {res} 3,048,083
                                                {txt}{help j_robustsingular:F(17,
41) }        =  {res}        .
                                                {txt}Prob > F          = {res}
  .
                                                {txt}R-squared         = {res}
0.0903
```

```
                                                {txt}Root MSE          =    {res}
.25918

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}    Robust
{col 1}     selfemp{col 14}{c |}      Coef.{col 26}   Std. Err.{col 38}      t{col
46}   P>|t|{col 54}     [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2}   .07198{col 26}{space 2} .0004907{col
37}{space 1}  146.68{col 46}{space 3}0.000{col 54}{space 4}  .070989{col 67}{space
3} .0729711
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .0729121{col 26}{space 2}
.0005469{col 37}{space 1}  133.31{col 46}{space 3}0.000{col 54}{space 4}
.0718075{col 67}{space 3} .0740166
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .0734857{col 26}{space 2}
.0006152{col 37}{space 1}  119.46{col 46}{space 3}0.000{col 54}{space 4}
.0722434{col 67}{space 3} .0747281
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2}  .073067{col 26}{space 2}
.0006038{col 37}{space 1}  121.00{col 46}{space 3}0.000{col 54}{space 4}
.0718475{col 67}{space 3} .0742865
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .0349107{col 26}{space 2}
.0020314{col 37}{space 1}   17.19{col 46}{space 3}0.000{col 54}{space 4}
.0308083{col 67}{space 3} .0390132
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .0343691{col 26}{space 2}
.0020573{col 37}{space 1}   16.71{col 46}{space 3}0.000{col 54}{space 4}
.0302142{col 67}{space 3} .0385239
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .0323173{col 26}{space 2}
.0021276{col 37}{space 1}   15.19{col 46}{space 3}0.000{col 54}{space 4}
.0280206{col 67}{space 3}  .036614
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .0347672{col 26}{space 2}
.0021816{col 37}{space 1}   15.94{col 46}{space 3}0.000{col 54}{space 4}
.0303613{col 67}{space 3}  .039173
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2} .0165008{col 26}{space 2}
.0000738{col 37}{space 1}  223.55{col 46}{space 3}0.000{col 54}{space 4}
.0163517{col 67}{space 3} .0166499
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2}-.0651347{col 26}{space 2}
.0001607{col 37}{space 1} -405.33{col 46}{space 3}0.000{col 54}{space
4}-.0654592{col 67}{space 3}-.0648101
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2}-.0384883{col 26}{space 2}
.0003178{col 37}{space 1} -121.10{col 46}{space 3}0.000{col 54}{space
4}-.0391302{col 67}{space 3}-.0378465
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2} .0276772{col 26}{space 2}
.0001319{col 37}{space 1}  209.76{col 46}{space 3}0.000{col 54}{space 4}
.0274107{col 67}{space 3} .0279437
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2} .0153949{col 26}{space 2}
.0001022{col 37}{space 1}  150.67{col 46}{space 3}0.000{col 54}{space 4}
.0151885{col 67}{space 3} .0156012
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2} .0298972{col 26}{space 2}
.0002204{col 37}{space 1}  135.64{col 46}{space 3}0.000{col 54}{space 4}
.0294521{col 67}{space 3} .0303424
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0683272{col 26}{space 2}
.0001885{col 37}{space 1} -362.52{col 46}{space 3}0.000{col 54}{space
4}-.0687078{col 67}{space 3}-.0679466
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2} -.005958{col 26}{space 2}
.0001936{col 37}{space 1}  -30.78{col 46}{space 3}0.000{col 54}{space 4}
-.006349{col 67}{space 3} -.005567
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2}-.0507677{col 26}{space 2}
.0000331{col 37}{space 1}-1533.38{col 46}{space 3}0.000{col 54}{space
4}-.0508346{col 67}{space 3}-.0507008
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2} .0183847{col 26}{space 2}
.0002012{col 37}{space 1}   91.39{col 46}{space 3}0.000{col 54}{space 4}
.0179784{col 67}{space 3}  .018791
```

{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2}-.0766445{col 26}{space 2}
.0001039{col 37}{space 1} -737.72{col 46}{space 3}0.000{col 54}{space
4}-.0768543{col 67}{space 3}-.0764346
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2} .0113397{col 26}{space 2}
.000059{col 37}{space 1} 192.15{col 46}{space 3}0.000{col 54}{space 4} .0112205{col
67}{space 3} .0114589
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2} .0323085{col 26}{space 2}
.0002437{col 37}{space 1} 132.55{col 46}{space 3}0.000{col 54}{space 4}
.0318163{col 67}{space 3} .0328008
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2} -.064355{col 26}{space 2}
.00039{col 37}{space 1} -165.03{col 46}{space 3}0.000{col 54}{space 4}-.0651425{col
67}{space 3}-.0635674
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2}-.0608152{col 26}{space 2}
.0002453{col 37}{space 1} -247.90{col 46}{space 3}0.000{col 54}{space
4}-.0613106{col 67}{space 3}-.0603197
{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2} .0004514{col 26}{space 2}
.0001492{col 37}{space 1}   3.03{col 46}{space 3}0.004{col 54}{space 4}
.0001502{col 67}{space 3} .0007527
{txt}{space 2}_Istate_28 {c |}{col 14}{res}{space 2} .0057744{col 26}{space 2}
.000118{col 37}{space 1}   48.92{col 46}{space 3}0.000{col 54}{space 4} .005536{col
67}{space 3} .0060128
{txt}{space 2}_Istate_29 {c |}{col 14}{res}{space 2} .0056939{col 26}{space 2}
.0001622{col 37}{space 1}   35.10{col 46}{space 3}0.000{col 54}{space 4}
.0053663{col 67}{space 3} .0060216
{txt}{space 2}_Istate_30 {c |}{col 14}{res}{space 2} .0678061{col 26}{space 2}
.0002121{col 37}{space 1} 319.73{col 46}{space 3}0.000{col 54}{space 4}
.0673778{col 67}{space 3} .0682344
{txt}{space 2}_Istate_31 {c |}{col 14}{res}{space 2} .0421555{col 26}{space 2}
.0002382{col 37}{space 1} 176.95{col 46}{space 3}0.000{col 54}{space 4}
.0416744{col 67}{space 3} .0426366
{txt}{space 2}_Istate_32 {c |}{col 14}{res}{space 2}-.0678285{col 26}{space 2}
.0002193{col 37}{space 1} -309.32{col 46}{space 3}0.000{col 54}{space
4}-.0682713{col 67}{space 3}-.0673856
{txt}{space 2}_Istate_33 {c |}{col 14}{res}{space 2} .0223616{col 26}{space 2}
.000283{col 37}{space 1}   79.01{col 46}{space 3}0.000{col 54}{space 4} .0217901{col
67}{space 3} .0229332
{txt}{space 2}_Istate_34 {c |}{col 14}{res}{space 2}-.0668062{col 26}{space 2}
.0002823{col 37}{space 1} -236.64{col 46}{space 3}0.000{col 54}{space
4}-.0673764{col 67}{space 3}-.0662361
{txt}{space 2}_Istate_35 {c |}{col 14}{res}{space 2}-.0547643{col 26}{space 2}
.0002687{col 37}{space 1} -203.78{col 46}{space 3}0.000{col 54}{space 4}
-.055307{col 67}{space 3}-.0542215
{txt}{space 2}_Istate_37 {c |}{col 14}{res}{space 2} .0114677{col 26}{space 2}
.0000805{col 37}{space 1} 142.51{col 46}{space 3}0.000{col 54}{space 4}
.0113052{col 67}{space 3} .0116302
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2}   0{col 26}{txt}
(omitted)
{space 2}_Istate_39 {c |}{col 14}{res}{space 2} -.078048{col 26}{space 2}
.000123{col 37}{space 1} -634.40{col 46}{space 3}0.000{col 54}{space 4}-.0782964{col
67}{space 3}-.0777995
{txt}{space 2}_Istate_40 {c |}{col 14}{res}{space 2} .0127633{col 26}{space 2}
.0000709{col 37}{space 1} 180.12{col 46}{space 3}0.000{col 54}{space 4}
.0126202{col 67}{space 3} .0129064
{txt}{space 2}_Istate_41 {c |}{col 14}{res}{space 2}-.0478366{col 26}{space 2}
.0001475{col 37}{space 1} -324.26{col 46}{space 3}0.000{col 54}{space
4}-.0481346{col 67}{space 3}-.0475387
{txt}{space 2}_Istate_42 {c |}{col 14}{res}{space 2} .0000482{col 26}{space 2}
.0001964{col 37}{space 1}   0.25{col 46}{space 3}0.807{col 54}{space
4}-.0003485{col 67}{space 3} .0004449
{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2}-.0663601{col 26}{space 2}
.00017{col 37}{space 1} -390.34{col 46}{space 3}0.000{col 54}{space 4}-.0667034{col
67}{space 3}-.0660167
{txt}{space 2}_Istate_45 {c |}{col 14}{res}{space 2} .0051674{col 26}{space 2}

.000054{col 37}{space 1}   95.71{col 46}{space 3}0.000{col 54}{space 4} .0050584{col
67}{space 3} .0052765
{txt}{space 2}_Istate_46 {c |}{col 14}{res}{space 2} .063826{col 26}{space 2}
.0002177{col 37}{space 1} 293.25{col 46}{space 3}0.000{col 54}{space 4}
.0633865{col 67}{space 3} .0642656
{txt}{space 2}_Istate_47 {c |}{col 14}{res}{space 2} .0044846{col 26}{space 2}
.000117{col 37}{space 1}   38.32{col 46}{space 3}0.000{col 54}{space 4} .0042482{col
67}{space 3} .0047209
{txt}{space 2}_Istate_48 {c |}{col 14}{res}{space 2} .0168783{col 26}{space 2}
.0001057{col 37}{space 1} 159.66{col 46}{space 3}0.000{col 54}{space 4}
.0166648{col 67}{space 3} .0170918
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2} .008778{col 26}{space 2}
.0002496{col 37}{space 1}   35.17{col 46}{space 3}0.000{col 54}{space 4}
.008274{col 67}{space 3} .0092821
{txt}{space 2}_Istate_51 {c |}{col 14}{res}{space 2} .004075{col 26}{space 2}
.0001693{col 37}{space 1}   24.07{col 46}{space 3}0.000{col 54}{space 4}
.0037331{col 67}{space 3} .0044169
{txt}{space 2}_Istate_53 {c |}{col 14}{res}{space 2}-.0568345{col 26}{space 2}
.0001807{col 37}{space 1} -314.54{col 46}{space 3}0.000{col 54}{space
4}-.0571994{col 67}{space 3}-.0564696
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2} -.093152{col 26}{space 2}
.0001033{col 37}{space 1} -901.43{col 46}{space 3}0.000{col 54}{space
4}-.0933606{col 67}{space 3}-.0929433
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2}-.0568984{col 26}{space 2}
.0000354{col 37}{space 1}-1608.15{col 46}{space 3}0.000{col 54}{space
4}-.0569699{col 67}{space 3} -.056827
{txt}{space 2}_Istate_56 {c |}{col 14}{res}{space 2} .0274028{col 26}{space 2}
.0002255{col 37}{space 1} 121.54{col 46}{space 3}0.000{col 54}{space 4}
.0269475{col 67}{space 3} .0278581
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2}-.0251053{col 26}{space 2}
.0010877{col 37}{space 1} -23.08{col 46}{space 3}0.000{col 54}{space
4}-.0273019{col 67}{space 3}-.0229086
{txt}{space 6}female {c |}{col 14}{res}{space 2}-.0455349{col 26}{space 2}
.001515{col 37}{space 1} -30.06{col 46}{space 3}0.000{col 54}{space 4}-.0485945{col
67}{space 3}-.0424753
{txt}{space 5}married {c |}{col 14}{res}{space 2} .020875{col 26}{space 2}
.0006655{col 37}{space 1}   31.37{col 46}{space 3}0.000{col 54}{space 4}
.0195311{col 67}{space 3} .022219
{txt}{space 8}educ {c |}{col 14}{res}{space 2} .016037{col 26}{space 2}
.0009401{col 37}{space 1}   17.06{col 46}{space 3}0.000{col 54}{space 4}
.0141384{col 67}{space 3} .0179357
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2}-.0139965{col 26}{space 2}
.0011932{col 37}{space 1} -11.73{col 46}{space 3}0.000{col 54}{space
4}-.0164061{col 67}{space 3}-.0115869
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat3 {c |}{col 14}{res}{space 2} .0134011{col 26}{space 2}   .00114{col
37}{space 1}   11.76{col 46}{space 3}0.000{col 54}{space 4} .0110987{col 67}{space
3} .0157034
{txt}{space 5}agecat4 {c |}{col 14}{res}{space 2} .0224844{col 26}{space 2}
.0012029{col 37}{space 1}   18.69{col 46}{space 3}0.000{col 54}{space 4}
.0200551{col 67}{space 3} .0249138
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} .029544{col 26}{space 2}
.0011236{col 37}{space 1}   26.30{col 46}{space 3}0.000{col 54}{space 4}
.027275{col 67}{space 3} .0318131
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2} .033299{col 26}{space 2}
.0012122{col 37}{space 1}   27.47{col 46}{space 3}0.000{col 54}{space 4}
.030851{col 67}{space 3} .035747
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2} .034748{col 26}{space 2}
.0012311{col 37}{space 1}   28.23{col 46}{space 3}0.000{col 54}{space 4}
.0322617{col 67}{space 3} .0372343
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2} .0228807{col 26}{space 2}
.0015128{col 37}{space 1}   15.13{col 46}{space 3}0.000{col 54}{space 4}
.0198256{col 67}{space 3} .0259358

```
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. ********************************************************
. *SECTION IV: MODELING THE EFFECTS FOR SPECIFIC SUBGROUPS
. ********************************************************
.
.
. *(i) individuals below FPL - n = 346,703
. sum inc_belowfpl

{txt}    Variable {c |}        Obs        Mean    Std. Dev.       Min        Max
{hline 13}{c +}{hline 57}
inc_belowfpl {c |}{res}  3,045,667    .1138348    .3176106          0          1
{txt}
{com}. display r(sum)
{res}346703
{txt}
{com}.
. local demographics "nonwhite female married educ agecat*"
{txt}
{com}. *1. hicov
. xi: regress hicov DID_* _201* i.state `demographics' emp if inc_belowfpl==1,
nocons cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_38 omitted because of collinearity
note: agecat3 omitted because of collinearity

Linear regression                               Number of obs     = {res}   346,703
                                                {txt}{help j_robustsingular:F(18,
41) }        =  {res}        .
                                                {txt}Prob > F          = {res}
  .
                                                {txt}R-squared         = {res}
0.6497
                                                {txt}Root MSE          =    {res}
.46632

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}    Robust
{col 1}       hicov{col 14}{c |}      Coef.{col 26}   Std. Err.{col 38}      t{col
46}   P>|t|{col 54}     [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} -.006757{col 26}{space 2} .0061604{col
37}{space 1}   -1.10{col 46}{space 3}0.279{col 54}{space 4}-.0191983{col 67}{space
3} .0056843
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2}-.0103856{col 26}{space 2}
.0068033{col 37}{space 1}   -1.53{col 46}{space 3}0.135{col 54}{space
4}-.0241253{col 67}{space 3}  .003354
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2}-.0069922{col 26}{space 2}
.0048623{col 37}{space 1}   -1.44{col 46}{space 3}0.158{col 54}{space
4}-.0168117{col 67}{space 3} .0028273
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .0706777{col 26}{space 2}
.0083479{col 37}{space 1}    8.47{col 46}{space 3}0.000{col 54}{space 4}
.0538187{col 67}{space 3} .0875367
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .4931737{col 26}{space 2}
.0088836{col 37}{space 1}   55.52{col 46}{space 3}0.000{col 54}{space 4}
.4752329{col 67}{space 3} .5111145
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .5008468{col 26}{space 2}
.0065314{col 37}{space 1}   76.68{col 46}{space 3}0.000{col 54}{space 4}
.4876564{col 67}{space 3} .5140372
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .5076714{col 26}{space 2}
.0077157{col 37}{space 1}   65.80{col 46}{space 3}0.000{col 54}{space 4}
```

.4920893{col 67}{space 3} .5232535
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .5584677{col 26}{space 2}
.0074758{col 37}{space 1}   74.70{col 46}{space 3}0.000{col 54}{space 4}
.54337{col 67}{space 3} .5735653
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2}-.2669397{col 26}{space 2}
.0013557{col 37}{space 1} -196.90{col 46}{space 3}0.000{col 54}{space
4}-.2696776{col 67}{space 3}-.2642018
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2}-.0012226{col 26}{space 2}
.0018445{col 37}{space 1}   -0.66{col 46}{space 3}0.511{col 54}{space
4}-.0049478{col 67}{space 3} .0025025
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2} .0020603{col 26}{space 2}
.0018143{col 37}{space 1}   1.14{col 46}{space 3}0.263{col 54}{space
4}-.0016038{col 67}{space 3} .0057243
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2}-.0856551{col 26}{space 2}
.0015688{col 37}{space 1} -54.60{col 46}{space 3}0.000{col 54}{space
4}-.0888234{col 67}{space 3}-.0824868
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2}-.0908017{col 26}{space 2}
.0005078{col 37}{space 1} -178.82{col 46}{space 3}0.000{col 54}{space
4}-.0918273{col 67}{space 3}-.0897762
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2}-.0277216{col 26}{space 2}
.0027948{col 37}{space 1}   -9.92{col 46}{space 3}0.000{col 54}{space
4}-.0333658{col 67}{space 3}-.0220774
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0155946{col 26}{space 2}
.0015661{col 37}{space 1}   -9.96{col 46}{space 3}0.000{col 54}{space
4}-.0187574{col 67}{space 3}-.0124319
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2} -.009433{col 26}{space 2}
.0020676{col 37}{space 1}   -4.56{col 46}{space 3}0.000{col 54}{space
4}-.0136086{col 67}{space 3}-.0052574
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2} .1301726{col 26}{space 2}
.0007361{col 37}{space 1} 176.84{col 46}{space 3}0.000{col 54}{space 4}
.128686{col 67}{space 3} .1316592
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2} .0042676{col 26}{space 2}
.0025713{col 37}{space 1}   1.66{col 46}{space 3}0.105{col 54}{space
4}-.0009252{col 67}{space 3} .0094605
{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2} .0248206{col 26}{space 2}
.001954{col 37}{space 1}   12.70{col 46}{space 3}0.000{col 54}{space 4} .0208744{col
67}{space 3} .0287669
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2}-.0076246{col 26}{space 2}
.0003876{col 37}{space 1} -19.67{col 46}{space 3}0.000{col 54}{space
4}-.0084074{col 67}{space 3}-.0068418
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2} .0757637{col 26}{space 2}
.0027908{col 37}{space 1}   27.15{col 46}{space 3}0.000{col 54}{space 4}
.0701276{col 67}{space 3} .0813999
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2} .0866316{col 26}{space 2}
.0023995{col 37}{space 1}   36.10{col 46}{space 3}0.000{col 54}{space 4}
.0817856{col 67}{space 3} .0914776
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2} .2750266{col 26}{space 2}
.0010945{col 37}{space 1} 251.28{col 46}{space 3}0.000{col 54}{space 4}
.2728162{col 67}{space 3} .2772369
{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2} .0561646{col 26}{space 2}
.0015535{col 37}{space 1}   36.15{col 46}{space 3}0.000{col 54}{space 4}
.0530274{col 67}{space 3} .0593019
{txt}{space 2}_Istate_28 {c |}{col 14}{res}{space 2} -.038958{col 26}{space 2}
.0010497{col 37}{space 1} -37.11{col 46}{space 3}0.000{col 54}{space
4}-.0410778{col 67}{space 3}-.0368381
{txt}{space 2}_Istate_29 {c |}{col 14}{res}{space 2} .0197707{col 26}{space 2}
.0017296{col 37}{space 1}   11.43{col 46}{space 3}0.000{col 54}{space 4}
.0162776{col 67}{space 3} .0232638
{txt}{space 2}_Istate_30 {c |}{col 14}{res}{space 2}-.0404929{col 26}{space 2}
.0027521{col 37}{space 1} -14.71{col 46}{space 3}0.000{col 54}{space
4}-.0460508{col 67}{space 3} -.034935
{txt}{space 2}_Istate_31 {c |}{col 14}{res}{space 2} .0121414{col 26}{space 2}
.0028928{col 37}{space 1}   4.20{col 46}{space 3}0.000{col 54}{space 4}

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.0062993{col 67}{space 3} .0179835
{txt}{space 2}_Istate_32 {c |}{col 14}{res}{space 2}-.0990468{col 26}{space 2}
.0012675{col 37}{space 1}  -78.15{col 46}{space 3}0.000{col 54}{space
4}-.1016065{col 67}{space 3}-.0964871
{txt}{space 2}_Istate_33 {c |}{col 14}{res}{space 2} .0090614{col 26}{space 2}
.0032876{col 37}{space 1}    2.76{col 46}{space 3}0.009{col 54}{space 4}
.0024219{col 67}{space 3} .0157009
{txt}{space 2}_Istate_34 {c |}{col 14}{res}{space 2} .0306736{col 26}{space 2}
.0019701{col 37}{space 1}   15.57{col 46}{space 3}0.000{col 54}{space 4}
.0266949{col 67}{space 3} .0346523
{txt}{space 2}_Istate_35 {c |}{col 14}{res}{space 2}-.0597788{col 26}{space 2}
.0024631{col 37}{space 1}  -24.27{col 46}{space 3}0.000{col 54}{space 4}
-.064753{col 67}{space 3}-.0548046
{txt}{space 2}_Istate_37 {c |}{col 14}{res}{space 2} -.041596{col 26}{space 2}
.0006186{col 37}{space 1}  -67.24{col 46}{space 3}0.000{col 54}{space
4}-.0428453{col 67}{space 3}-.0403467
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2}        0{col 26}{txt}
(omitted)
{space 2}_Istate_39 {c |}{col 14}{res}{space 2} .0023886{col 26}{space 2}
.0014022{col 37}{space 1}    1.70{col 46}{space 3}0.096{col 54}{space
4}-.0004432{col 67}{space 3} .0052204
{txt}{space 2}_Istate_40 {c |}{col 14}{res}{space 2}-.0907321{col 26}{space 2}
.0010539{col 37}{space 1}  -86.09{col 46}{space 3}0.000{col 54}{space
4}-.0928605{col 67}{space 3}-.0886037
{txt}{space 2}_Istate_41 {c |}{col 14}{res}{space 2} .0382704{col 26}{space 2}
.0005307{col 37}{space 1}   72.12{col 46}{space 3}0.000{col 54}{space 4}
.0371987{col 67}{space 3} .0393421
{txt}{space 2}_Istate_42 {c |}{col 14}{res}{space 2} .1103527{col 26}{space 2}
.0017943{col 37}{space 1}   61.50{col 46}{space 3}0.000{col 54}{space 4}
.1067291{col 67}{space 3} .1139763
{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2} .0924337{col 26}{space 2}
.0012079{col 37}{space 1}   76.52{col 46}{space 3}0.000{col 54}{space 4}
.0899942{col 67}{space 3} .0948732
{txt}{space 2}_Istate_45 {c |}{col 14}{res}{space 2} -.070854{col 26}{space 2}
.0003301{col 37}{space 1} -214.62{col 46}{space 3}0.000{col 54}{space
4}-.0715208{col 67}{space 3}-.0701873
{txt}{space 2}_Istate_46 {c |}{col 14}{res}{space 2}-.0022391{col 26}{space 2}
.0019691{col 37}{space 1}   -1.14{col 46}{space 3}0.262{col 54}{space
4}-.0062159{col 67}{space 3} .0017376
{txt}{space 2}_Istate_47 {c |}{col 14}{res}{space 2}-.0384465{col 26}{space 2}
.0012628{col 37}{space 1}  -30.45{col 46}{space 3}0.000{col 54}{space
4}-.0409968{col 67}{space 3}-.0358962
{txt}{space 2}_Istate_48 {c |}{col 14}{res}{space 2}-.0600524{col 26}{space 2}
.0012281{col 37}{space 1}  -48.90{col 46}{space 3}0.000{col 54}{space
4}-.0625326{col 67}{space 3}-.0575722
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2} .0157415{col 26}{space 2}
.0029626{col 37}{space 1}    5.31{col 46}{space 3}0.000{col 54}{space 4}
.0097583{col 67}{space 3} .0217246
{txt}{space 2}_Istate_51 {c |}{col 14}{res}{space 2}-.0162865{col 26}{space 2}
.0011191{col 37}{space 1}  -14.55{col 46}{space 3}0.000{col 54}{space
4}-.0185466{col 67}{space 3}-.0140263
{txt}{space 2}_Istate_53 {c |}{col 14}{res}{space 2} .0535473{col 26}{space 2}
.000717{col 37}{space 1}   74.68{col 46}{space 3}0.000{col 54}{space 4} .0520993{col
67}{space 3} .0549953
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2} .0645324{col 26}{space 2}
.0018339{col 37}{space 1}   35.19{col 46}{space 3}0.000{col 54}{space 4}
.0608287{col 67}{space 3}  .068236
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2} .0496432{col 26}{space 2}
.0005846{col 37}{space 1}   84.92{col 46}{space 3}0.000{col 54}{space 4}
.0484626{col 67}{space 3} .0508237
{txt}{space 2}_Istate_56 {c |}{col 14}{res}{space 2}-.0552753{col 26}{space 2}
.0033011{col 37}{space 1}  -16.74{col 46}{space 3}0.000{col 54}{space 4}
-.061942{col 67}{space 3}-.0486085
```

{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2} .005475{col 26}{space 2}
.0073925{col 37}{space 1}   0.74{col 46}{space 3}0.463{col 54}{space
4}-.0094545{col 67}{space 3} .0204044
{txt}{space 6}female {c |}{col 14}{res}{space 2} .0454323{col 26}{space 2}
.0034117{col 37}{space 1}   13.32{col 46}{space 3}0.000{col 54}{space 4}
.0385421{col 67}{space 3} .0523224
{txt}{space 5}married {c |}{col 14}{res}{space 2}-.0310135{col 26}{space 2}
.0058342{col 37}{space 1}   -5.32{col 46}{space 3}0.000{col 54}{space 4}
-.042796{col 67}{space 3}-.0192311
{txt}{space 8}educ {c |}{col 14}{res}{space 2} .0269629{col 26}{space 2}
.0066948{col 37}{space 1}   4.03{col 46}{space 3}0.000{col 54}{space 4}
.0134426{col 67}{space 3} .0404833
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2} .009694{col 26}{space 2}
.0046974{col 37}{space 1}   2.06{col 46}{space 3}0.045{col 54}{space 4}
.0002073{col 67}{space 3} .0191806
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}-.0068452{col 26}{space 2}
.0057218{col 37}{space 1}   -1.20{col 46}{space 3}0.238{col 54}{space
4}-.0184007{col 67}{space 3} .0047103
{txt}{space 5}agecat3 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat4 {c |}{col 14}{res}{space 2} .0263985{col 26}{space 2} .005304{col
37}{space 1}   4.98{col 46}{space 3}0.000{col 54}{space 4} .0156867{col 67}{space
3} .0371102
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} .0562017{col 26}{space 2}
.0055519{col 37}{space 1}   10.12{col 46}{space 3}0.000{col 54}{space 4}
.0449893{col 67}{space 3} .0674141
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2} .1091667{col 26}{space 2}
.0055163{col 37}{space 1}   19.79{col 46}{space 3}0.000{col 54}{space 4}
.0980263{col 67}{space 3} .1203071
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2} .1610338{col 26}{space 2}
.0058672{col 37}{space 1}   27.45{col 46}{space 3}0.000{col 54}{space 4}
.1491847{col 67}{space 3} .1728828
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2} .2135615{col 26}{space 2}
.0083189{col 37}{space 1}   25.67{col 46}{space 3}0.000{col 54}{space 4}
.1967611{col 67}{space 3} .2303618
{txt}{space 9}emp {c |}{col 14}{res}{space 2}-.1348423{col 26}{space 2} .0062034{col
37}{space 1} -21.74{col 46}{space 3}0.000{col 54}{space 4}-.1473702{col 67}{space
3}-.1223143
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *2. pubocv
. xi: regress pubcov DID_* _201* i.state `demographics' emp if inc_belowfpl==1,
nocons cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_38 omitted because of collinearity
note: agecat3 omitted because of collinearity

Linear regression   Number of obs   = {res}   346,703
                                                {txt}{help j_robustsingular:F(18,
41) }   = {res}   .
                                                {txt}Prob > F   = {res}
  .
                                                {txt}R-squared   = {res}
0.5313
                                                {txt}Root MSE   =   {res}
.4533

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}   Robust
{col 1}   pubcov{col 14}{c |}   Coef.{col 26}   Std. Err.{col 38}   t{col
46}   P>|t|{col 54}   [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}

{space 6}DID_11 {c |}{col 14}{res}{space 2}-.0657787{col 26}{space 2} .0052663{col 37}{space 1} -12.49{col 46}{space 3}0.000{col 54}{space 4}-.0764142{col 67}{space 3}-.0551433
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2}-.0599798{col 26}{space 2} .0071277{col 37}{space 1}   -8.42{col 46}{space 3}0.000{col 54}{space 4}-.0743745{col 67}{space 3}-.0455852
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2}-.0555869{col 26}{space 2} .0041867{col 37}{space 1} -13.28{col 46}{space 3}0.000{col 54}{space 4} -.064042{col 67}{space 3}-.0471318
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .0466945{col 26}{space 2} .0077897{col 37}{space 1}   5.99{col 46}{space 3}0.000{col 54}{space 4} .0309628{col 67}{space 3} .0624261
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .5361546{col 26}{space 2} .0088009{col 37}{space 1}   60.92{col 46}{space 3}0.000{col 54}{space 4} .5183807{col 67}{space 3} .5539284
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .5430964{col 26}{space 2} .0070909{col 37}{space 1}   76.59{col 46}{space 3}0.000{col 54}{space 4} .5287761{col 67}{space 3} .5574167
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .5428134{col 26}{space 2} .008776{col 37}{space 1}   61.85{col 46}{space 3}0.000{col 54}{space 4}   .52509{col 67}{space 3} .5605368
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .5702691{col 26}{space 2} .0102621{col 37}{space 1}   55.57{col 46}{space 3}0.000{col 54}{space 4} .5495443{col 67}{space 3} .5909938
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2}-.1962677{col 26}{space 2} .0013899{col 37}{space 1} -141.21{col 46}{space 3}0.000{col 54}{space 4}-.1990747{col 67}{space 3}-.1934607
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2} .0954206{col 26}{space 2} .0018458{col 37}{space 1}   51.70{col 46}{space 3}0.000{col 54}{space 4} .091693{col 67}{space 3} .0991483
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2} .0449934{col 26}{space 2} .001935{col 37}{space 1}   23.25{col 46}{space 3}0.000{col 54}{space 4} .0410856{col 67}{space 3} .0489012
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2}-.0638575{col 26}{space 2} .0013892{col 37}{space 1} -45.97{col 46}{space 3}0.000{col 54}{space 4}-.0666631{col 67}{space 3}-.0610519
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2}-.0845564{col 26}{space 2} .0005496{col 37}{space 1} -153.85{col 46}{space 3}0.000{col 54}{space 4}-.0856663{col 67}{space 3}-.0834465
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2}-.0038485{col 26}{space 2} .002331{col 37}{space 1}   -1.65{col 46}{space 3}0.106{col 54}{space 4}-.0085562{col 67}{space 3} .0008591
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2} .0381692{col 26}{space 2} .0017468{col 37}{space 1}   21.85{col 46}{space 3}0.000{col 54}{space 4} .0346414{col 67}{space 3} .0416971
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2} .0245776{col 26}{space 2} .0015743{col 37}{space 1}   15.61{col 46}{space 3}0.000{col 54}{space 4} .0213983{col 67}{space 3} .0277569
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2} .2100805{col 26}{space 2} .0007949{col 37}{space 1} 264.27{col 46}{space 3}0.000{col 54}{space 4} .2084751{col 67}{space 3} .2116859
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2} .0174213{col 26}{space 2} .0022458{col 37}{space 1}   7.76{col 46}{space 3}0.000{col 54}{space 4} .0128858{col 67}{space 3} .0219567
{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2} .1200948{col 26}{space 2} .0020504{col 37}{space 1}   58.57{col 46}{space 3}0.000{col 54}{space 4} .1159541{col 67}{space 3} .1242356
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2}-.0008549{col 26}{space 2} .0003676{col 37}{space 1}   -2.33{col 46}{space 3}0.025{col 54}{space 4}-.0015973{col 67}{space 3}-.0001125
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2} .1582452{col 26}{space 2} .0022006{col 37}{space 1}   71.91{col 46}{space 3}0.000{col 54}{space 4} .153801{col 67}{space 3} .1626893

{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2} .1125066{col 26}{space 2}
.0022226{col 37}{space 1}   50.62{col 46}{space 3}0.000{col 54}{space 4}
.1080179{col 67}{space 3} .1169953
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2} .3323841{col 26}{space 2}
.0016324{col 37}{space 1} 203.62{col 46}{space 3}0.000{col 54}{space 4}
.3290875{col 67}{space 3} .3356807
{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2} .0852628{col 26}{space 2}
.0011147{col 37}{space 1}   76.49{col 46}{space 3}0.000{col 54}{space 4}
.0830115{col 67}{space 3} .087514
{txt}{space 2}_Istate_28 {c |}{col 14}{res}{space 2}-.0184889{col 26}{space 2}
.0006367{col 37}{space 1} -29.04{col 46}{space 3}0.000{col 54}{space
4}-.0197748{col 67}{space 3}-.0172031
{txt}{space 2}_Istate_29 {c |}{col 14}{res}{space 2} .0478179{col 26}{space 2}
.001308{col 37}{space 1}   36.56{col 46}{space 3}0.000{col 54}{space 4} .0451764{col
67}{space 3} .0504594
{txt}{space 2}_Istate_30 {c |}{col 14}{res}{space 2}-.0136608{col 26}{space 2}
.0026665{col 37}{space 1}   -5.12{col 46}{space 3}0.000{col 54}{space
4}-.0190459{col 67}{space 3}-.0082756
{txt}{space 2}_Istate_31 {c |}{col 14}{res}{space 2} .0261857{col 26}{space 2}
.0025302{col 37}{space 1}   10.35{col 46}{space 3}0.000{col 54}{space 4}
.021076{col 67}{space 3} .0312955
{txt}{space 2}_Istate_32 {c |}{col 14}{res}{space 2}-.0453536{col 26}{space 2}
.0015309{col 37}{space 1} -29.63{col 46}{space 3}0.000{col 54}{space
4}-.0484454{col 67}{space 3}-.0422619
{txt}{space 2}_Istate_33 {c |}{col 14}{res}{space 2} .016963{col 26}{space 2}
.0024422{col 37}{space 1}   6.95{col 46}{space 3}0.000{col 54}{space 4}
.0120309{col 67}{space 3} .0218951
{txt}{space 2}_Istate_34 {c |}{col 14}{res}{space 2} .0772847{col 26}{space 2}
.0021279{col 37}{space 1}   36.32{col 46}{space 3}0.000{col 54}{space 4}
.0729875{col 67}{space 3} .081582
{txt}{space 2}_Istate_35 {c |}{col 14}{res}{space 2} .0226067{col 26}{space 2}
.0021289{col 37}{space 1}   10.62{col 46}{space 3}0.000{col 54}{space 4}
.0183073{col 67}{space 3} .0269062
{txt}{space 2}_Istate_37 {c |}{col 14}{res}{space 2}-.0287691{col 26}{space 2}
.000612{col 37}{space 1} -47.01{col 46}{space 3}0.000{col 54}{space 4} -.030005{col
67}{space 3}-.0275331
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2}   0{col 26}{txt}
(omitted)
{space 2}_Istate_39 {c |}{col 14}{res}{space 2} .0876135{col 26}{space 2}
.0017198{col 37}{space 1}   50.94{col 46}{space 3}0.000{col 54}{space 4}
.0841403{col 67}{space 3} .0910868
{txt}{space 2}_Istate_40 {c |}{col 14}{res}{space 2}-.0402804{col 26}{space 2}
.000876{col 37}{space 1} -45.98{col 46}{space 3}0.000{col 54}{space 4}-.0420495{col
67}{space 3}-.0385112
{txt}{space 2}_Istate_41 {c |}{col 14}{res}{space 2} .131714{col 26}{space 2}
.000925{col 37}{space 1} 142.40{col 46}{space 3}0.000{col 54}{space 4} .1298459{col
67}{space 3} .133582
{txt}{space 2}_Istate_42 {c |}{col 14}{res}{space 2} .1106753{col 26}{space 2}
.0012667{col 37}{space 1}   87.37{col 46}{space 3}0.000{col 54}{space 4}
.1081171{col 67}{space 3} .1132335
{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2} .1571902{col 26}{space 2}
.001665{col 37}{space 1}   94.41{col 46}{space 3}0.000{col 54}{space 4} .1538276{col
67}{space 3} .1605529
{txt}{space 2}_Istate_45 {c |}{col 14}{res}{space 2}-.0555776{col 26}{space 2}
.0004057{col 37}{space 1} -137.00{col 46}{space 3}0.000{col 54}{space
4}-.0563969{col 67}{space 3}-.0547583
{txt}{space 2}_Istate_46 {c |}{col 14}{res}{space 2}-.0008615{col 26}{space 2}
.0019866{col 37}{space 1}   -0.43{col 46}{space 3}0.667{col 54}{space
4}-.0048736{col 67}{space 3} .0031505
{txt}{space 2}_Istate_47 {c |}{col 14}{res}{space 2}-.0106633{col 26}{space 2}
.0009555{col 37}{space 1} -11.16{col 46}{space 3}0.000{col 54}{space
4}-.0125929{col 67}{space 3}-.0087336
{txt}{space 2}_Istate_48 {c |}{col 14}{res}{space 2}-.0341315{col 26}{space 2}

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.0012368{col 37}{space 1}  -27.60{col 46}{space 3}0.000{col 54}{space
4}-.0366292{col 67}{space 3}-.0316338
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2}  .018344{col 26}{space 2}
.0022231{col 37}{space 1}    8.25{col 46}{space 3}0.000{col 54}{space 4}
.0138544{col 67}{space 3} .0228337
{txt}{space 2}_Istate_51 {c |}{col 14}{res}{space 2}-.0396056{col 26}{space 2}
.000865{col 37}{space 1}  -45.79{col 46}{space 3}0.000{col 54}{space 4}-.0413524{col
67}{space 3}-.0378588
{txt}{space 2}_Istate_53 {c |}{col 14}{res}{space 2}  .123831{col 26}{space 2}
.0012756{col 37}{space 1}   97.08{col 46}{space 3}0.000{col 54}{space 4}
.1212549{col 67}{space 3} .1264072
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2} .1790358{col 26}{space 2}
.0020939{col 37}{space 1}   85.50{col 46}{space 3}0.000{col 54}{space 4}
.1748071{col 67}{space 3} .1832645
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2} .1086841{col 26}{space 2}
.0007149{col 37}{space 1}  152.03{col 46}{space 3}0.000{col 54}{space 4}
.1072404{col 67}{space 3} .1101278
{txt}{space 2}_Istate_56 {c |}{col 14}{res}{space 2}-.0341827{col 26}{space 2}
.0032045{col 37}{space 1}  -10.67{col 46}{space 3}0.000{col 54}{space
4}-.0406545{col 67}{space 3} -.027711
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2} .0411691{col 26}{space 2}
.005668{col 37}{space 1}    7.26{col 46}{space 3}0.000{col 54}{space 4} .0297223{col
67}{space 3} .0526158
{txt}{space 6}female {c |}{col 14}{res}{space 2} .0095427{col 26}{space 2}
.0049713{col 37}{space 1}    1.92{col 46}{space 3}0.062{col 54}{space 4}
-.000497{col 67}{space 3} .0195825
{txt}{space 5}married {c |}{col 14}{res}{space 2}-.1657652{col 26}{space 2}
.0047231{col 37}{space 1}  -35.10{col 46}{space 3}0.000{col 54}{space
4}-.1753038{col 67}{space 3}-.1562267
{txt}{space 8}educ {c |}{col 14}{res}{space 2}-.1210859{col 26}{space 2}
.0051872{col 37}{space 1}  -23.34{col 46}{space 3}0.000{col 54}{space
4}-.1315617{col 67}{space 3}-.1106102
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2}-.0667942{col 26}{space 2}
.0055806{col 37}{space 1}  -11.97{col 46}{space 3}0.000{col 54}{space
4}-.0780645{col 67}{space 3}-.0555239
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}-.0327395{col 26}{space 2}
.004864{col 37}{space 1}   -6.73{col 46}{space 3}0.000{col 54}{space 4}-.0425625{col
67}{space 3}-.0229165
{txt}{space 5}agecat3 {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 5}agecat4 {c |}{col 14}{res}{space 2} .0309236{col 26}{space 2} .0056979{col
37}{space 1}    5.43{col 46}{space 3}0.000{col 54}{space 4} .0194166{col 67}{space
3} .0424307
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} .0535796{col 26}{space 2}
.0063926{col 37}{space 1}    8.38{col 46}{space 3}0.000{col 54}{space 4}
.0406695{col 67}{space 3} .0664896
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2} .0923505{col 26}{space 2}
.0056955{col 37}{space 1}   16.21{col 46}{space 3}0.000{col 54}{space 4}
.0808482{col 67}{space 3} .1038529
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2} .1165251{col 26}{space 2}
.0061673{col 37}{space 1}   18.89{col 46}{space 3}0.000{col 54}{space 4}
.1040701{col 67}{space 3} .1289802
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2}  .135035{col 26}{space 2}
.0095689{col 37}{space 1}   14.11{col 46}{space 3}0.000{col 54}{space 4}
.1157101{col 67}{space 3} .1543598
{txt}{space 9}emp {c |}{col 14}{res}{space 2}-.2948887{col 26}{space 2} .0103755{col
37}{space 1}  -28.42{col 46}{space 3}0.000{col 54}{space 4}-.3158425{col 67}{space
3}-.2739348
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *3. privcov
. xi: regress privcov DID_* _201* i.state `demographics' emp if inc_belowfpl==1,
nocons cluster(state)
```

{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_38 omitted because of collinearity
note: agecat3 omitted because of collinearity

Linear regression   Number of obs   = {res}   346,703
                                                {txt}{help j_robustsingular:F(18,
41) }   = {res}   .
                                                {txt}Prob > F   = {res}
   .
                                                {txt}R-squared   = {res}
0.3114
                                                {txt}Root MSE   =   {res}
.39335

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}   Robust
{col 1}   privcov{col 14}{c |}   Coef.{col 26}   Std. Err.{col 38}   t{col
46}   P>|t|{col 54}   [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .0417459{col 26}{space 2} .0039636{col
37}{space 1}   10.53{col 46}{space 3}0.000{col 54}{space 4} .0337413{col 67}{space
3} .0497506
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .0304298{col 26}{space 2}
.0037649{col 37}{space 1}   8.08{col 46}{space 3}0.000{col 54}{space 4}
.0228265{col 67}{space 3} .0380331
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .032608{col 26}{space 2}
.002519{col 37}{space 1}   12.94{col 46}{space 3}0.000{col 54}{space 4} .0275207{col
67}{space 3} .0376952
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .0070237{col 26}{space 2}
.0039475{col 37}{space 1}   1.78{col 46}{space 3}0.083{col 54}{space
4}-.0009484{col 67}{space 3} .0149958
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .0067262{col 26}{space 2}
.0055397{col 37}{space 1}   1.21{col 46}{space 3}0.232{col 54}{space
4}-.0044615{col 67}{space 3} .0179139
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .0088963{col 26}{space 2}
.0058517{col 37}{space 1}   1.52{col 46}{space 3}0.136{col 54}{space
4}-.0029215{col 67}{space 3} .020714
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .0146023{col 26}{space 2}
.0050401{col 37}{space 1}   2.90{col 46}{space 3}0.006{col 54}{space 4}
.0044236{col 67}{space 3} .024781
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .041891{col 26}{space 2}
.0050695{col 37}{space 1}   8.26{col 46}{space 3}0.000{col 54}{space 4}
.0316528{col 67}{space 3} .0521291
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2}-.1028125{col 26}{space 2}
.0007518{col 37}{space 1} -136.76{col 46}{space 3}0.000{col 54}{space
4}-.1043307{col 67}{space 3}-.1012943
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.0007984{col 37}{space 1} -123.21{col 46}{space 3}0.000{col 54}{space
4}-.0999815{col 67}{space 3}-.0967567
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.0008418{col 37}{space 1} -65.47{col 46}{space 3}0.000{col 54}{space
4}-.0568125{col 67}{space 3}-.0534125
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2}-.0477071{col 26}{space 2}
.001001{col 37}{space 1} -47.66{col 46}{space 3}0.000{col 54}{space 4}-.0497287{col
67}{space 3}-.0456856
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2}-.0306252{col 26}{space 2}
.0003229{col 37}{space 1} -94.83{col 46}{space 3}0.000{col 54}{space
4}-.0312774{col 67}{space 3} -.029973
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2}-.0460553{col 26}{space 2}
.0019756{col 37}{space 1} -23.31{col 46}{space 3}0.000{col 54}{space
4}-.0500451{col 67}{space 3}-.0420655
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0689265{col 26}{space 2}

.0008142{col 37}{space 1} -84.65{col 46}{space 3}0.000{col 54}{space
4}-.0705709{col 67}{space 3}-.0672821
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2}-.0438477{col 26}{space 2}
.0012225{col 37}{space 1} -35.87{col 46}{space 3}0.000{col 54}{space
4}-.0463166{col 67}{space 3}-.0413788
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2}-.0740387{col 26}{space 2}
.0005901{col 37}{space 1} -125.47{col 46}{space 3}0.000{col 54}{space
4}-.0752304{col 67}{space 3} -.072847
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2}-.0296811{col 26}{space 2}
.0013813{col 37}{space 1} -21.49{col 46}{space 3}0.000{col 54}{space
4}-.0324707{col 67}{space 3}-.0268914
{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2}-.0958157{col 26}{space 2}
.0008202{col 37}{space 1} -116.81{col 46}{space 3}0.000{col 54}{space
4}-.0974723{col 67}{space 3}-.0941592
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.0004061{col 37}{space 1} -54.80{col 46}{space 3}0.000{col 54}{space
4}-.0230771{col 67}{space 3}-.0214366
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2}-.1094761{col 26}{space 2}
.0019157{col 37}{space 1} -57.15{col 46}{space 3}0.000{col 54}{space
4}-.1133449{col 67}{space 3}-.1056072
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2}-.0127162{col 26}{space 2}
.0013708{col 37}{space 1}   -9.28{col 46}{space 3}0.000{col 54}{space
4}-.0154846{col 67}{space 3}-.0099478
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2} -.052832{col 26}{space 2}
.0008962{col 37}{space 1} -58.95{col 46}{space 3}0.000{col 54}{space
4}-.0546418{col 67}{space 3}-.0510222
{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2}-.0448546{col 26}{space 2}
.0010644{col 37}{space 1} -42.14{col 46}{space 3}0.000{col 54}{space
4}-.0470042{col 67}{space 3} -.042705
{txt}{space 2}_Istate_28 {c |}{col 14}{res}{space 2}-.0395887{col 26}{space 2}
.0008813{col 37}{space 1} -44.92{col 46}{space 3}0.000{col 54}{space
4}-.0413685{col 67}{space 3}-.0378088
{txt}{space 2}_Istate_29 {c |}{col 14}{res}{space 2}-.0523256{col 26}{space 2}
.0011631{col 37}{space 1} -44.99{col 46}{space 3}0.000{col 54}{space
4}-.0546745{col 67}{space 3}-.0499766
{txt}{space 2}_Istate_30 {c |}{col 14}{res}{space 2} -.042588{col 26}{space 2}
.0016761{col 37}{space 1} -25.41{col 46}{space 3}0.000{col 54}{space 4}
-.045973{col 67}{space 3} -.039203
{txt}{space 2}_Istate_31 {c |}{col 14}{res}{space 2}-.0290244{col 26}{space 2}
.0015478{col 37}{space 1} -18.75{col 46}{space 3}0.000{col 54}{space
4}-.0321502{col 67}{space 3}-.0258985
{txt}{space 2}_Istate_32 {c |}{col 14}{res}{space 2}-.0613366{col 26}{space 2}
.0006703{col 37}{space 1} -91.51{col 46}{space 3}0.000{col 54}{space
4}-.0626902{col 67}{space 3}-.0599829
{txt}{space 2}_Istate_33 {c |}{col 14}{res}{space 2}-.0319474{col 26}{space 2}
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4}-.0362739{col 67}{space 3}-.0276209
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4}-.0567874{col 67}{space 3}-.0525887
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.0012356{col 37}{space 1} -74.95{col 46}{space 3}0.000{col 54}{space
4}-.0951056{col 67}{space 3}-.0901149
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.0003423{col 37}{space 1} -88.14{col 46}{space 3}0.000{col 54}{space
4}-.0308634{col 67}{space 3}-.0294807
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2}   0{col 26}{txt}
(omitted)
{space 2}_Istate_39 {c |}{col 14}{res}{space 2}-.0960407{col 26}{space 2}
.000728{col 37}{space 1} -131.92{col 46}{space 3}0.000{col 54}{space 4}-.0975109{col
67}{space 3}-.0945705
{txt}{space 2}_Istate_40 {c |}{col 14}{res}{space 2}-.0727597{col 26}{space 2}
.0007428{col 37}{space 1} -97.96{col 46}{space 3}0.000{col 54}{space

4}-.0742597{col 67}{space 3}-.0712597
{txt}{space 2}_Istate_41 {c |}{col 14}{res}{space 2}-.0957725{col 26}{space 2}
.0009141{col 37}{space 1} -104.77{col 46}{space 3}0.000{col 54}{space
4}-.0976187{col 67}{space 3}-.0939264
{txt}{space 2}_Istate_42 {c |}{col 14}{res}{space 2}-.0009892{col 26}{space 2}
.0012079{col 37}{space 1}   -0.82{col 46}{space 3}0.418{col 54}{space
4}-.0034287{col 67}{space 3} .0014502
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.0007137{col 37}{space 1} -71.57{col 46}{space 3}0.000{col 54}{space
4}-.0525177{col 67}{space 3} -.049635
{txt}{space 2}_Istate_45 {c |}{col 14}{res}{space 2} -.027168{col 26}{space 2}
.0002374{col 37}{space 1} -114.44{col 46}{space 3}0.000{col 54}{space
4}-.0276475{col 67}{space 3}-.0266886
{txt}{space 2}_Istate_46 {c |}{col 14}{res}{space 2}-.0142593{col 26}{space 2}
.00097{col 37}{space 1} -14.70{col 46}{space 3}0.000{col 54}{space 4}-.0162182{col
67}{space 3}-.0123004
{txt}{space 2}_Istate_47 {c |}{col 14}{res}{space 2}-.0410052{col 26}{space 2}
.0008406{col 37}{space 1} -48.78{col 46}{space 3}0.000{col 54}{space
4}-.0427028{col 67}{space 3}-.0393076
{txt}{space 2}_Istate_48 {c |}{col 14}{res}{space 2}-.0480123{col 26}{space 2}
.0007691{col 37}{space 1} -62.42{col 46}{space 3}0.000{col 54}{space
4}-.0495656{col 67}{space 3} -.046459
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2}-.0270178{col 26}{space 2}
.0021192{col 37}{space 1} -12.75{col 46}{space 3}0.000{col 54}{space
4}-.0312975{col 67}{space 3} -.022738
{txt}{space 2}_Istate_51 {c |}{col 14}{res}{space 2} .0251283{col 26}{space 2}
.0006489{col 37}{space 1}   38.72{col 46}{space 3}0.000{col 54}{space 4}
.0238178{col 67}{space 3} .0264388
{txt}{space 2}_Istate_53 {c |}{col 14}{res}{space 2} -.072977{col 26}{space 2}
.000758{col 37}{space 1} -96.28{col 46}{space 3}0.000{col 54}{space 4}-.0745077{col
67}{space 3}-.0714462
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2}-.1100048{col 26}{space 2}
.0009247{col 37}{space 1} -118.97{col 46}{space 3}0.000{col 54}{space
4}-.1118722{col 67}{space 3}-.1081374
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2}-.0522241{col 26}{space 2}
.0002767{col 37}{space 1} -188.75{col 46}{space 3}0.000{col 54}{space
4}-.0527829{col 67}{space 3}-.0516653
{txt}{space 2}_Istate_56 {c |}{col 14}{res}{space 2}-.0494948{col 26}{space 2}
.0016806{col 37}{space 1} -29.45{col 46}{space 3}0.000{col 54}{space
4}-.0528888{col 67}{space 3}-.0461008
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2}-.0296909{col 26}{space 2}
.0047443{col 37}{space 1}   -6.26{col 46}{space 3}0.000{col 54}{space
4}-.0392723{col 67}{space 3}-.0201095
{txt}{space 6}female {c |}{col 14}{res}{space 2} .0313854{col 26}{space 2}
.0024635{col 37}{space 1}   12.74{col 46}{space 3}0.000{col 54}{space 4}
.0264103{col 67}{space 3} .0363605
{txt}{space 5}married {c |}{col 14}{res}{space 2} .1312426{col 26}{space 2}
.0051509{col 37}{space 1}   25.48{col 46}{space 3}0.000{col 54}{space 4}
.1208402{col 67}{space 3} .1416451
{txt}{space 8}educ {c |}{col 14}{res}{space 2} .1530068{col 26}{space 2}
.0042309{col 37}{space 1}   36.16{col 46}{space 3}0.000{col 54}{space 4}
.1444623{col 67}{space 3} .1615513
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2} .0712323{col 26}{space 2}
.0047448{col 37}{space 1}   15.01{col 46}{space 3}0.000{col 54}{space 4}
.06165{col 67}{space 3} .0808146
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2} .0219072{col 26}{space 2}
.0046759{col 37}{space 1}   4.69{col 46}{space 3}0.000{col 54}{space 4}
.0124641{col 67}{space 3} .0313503
{txt}{space 5}agecat3 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat4 {c |}{col 14}{res}{space 2}-.0057858{col 26}{space 2} .0035821{col
37}{space 1}   -1.62{col 46}{space 3}0.114{col 54}{space 4}-.0130201{col 67}{space
3} .0014484
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} .0066474{col 26}{space 2}

.0038374{col 37}{space 1}   1.73{col 46}{space 3}0.091{col 54}{space
4}-.0011024{col 67}{space 3} .0143971
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2} .028923{col 26}{space 2}
.0052712{col 37}{space 1}   5.49{col 46}{space 3}0.000{col 54}{space 4}
.0182776{col 67}{space 3} .0395683
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2} .068389{col 26}{space 2}
.0057907{col 37}{space 1}   11.81{col 46}{space 3}0.000{col 54}{space 4}
.0566945{col 67}{space 3} .0800836
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2} .1221735{col 26}{space 2}
.0100756{col 37}{space 1}   12.13{col 46}{space 3}0.000{col 54}{space 4}
.1018255{col 67}{space 3} .1425215
{txt}{space 9}emp {c |}{col 14}{res}{space 2} .1380502{col 26}{space 2} .0061372{col
37}{space 1}   22.49{col 46}{space 3}0.000{col 54}{space 4} .1256558{col 67}{space
3} .1504446
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *4. emp
. xi: regress emp DID_* _201* i.state `demographics' if inc_belowfpl==1, nocons
cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_38 omitted because of collinearity
note: agecat3 omitted because of collinearity

Linear regression   Number of obs   = {res}   346,703
                                                {txt}{help j_robustsingular:F(17,
41) }   = {res}   .
                                                {txt}Prob > F   = {res}
  .
                                                {txt}R-squared   = {res}
0.2680
                                                {txt}Root MSE   =   {res}
.41758

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}   Robust
{col 1}   emp{col 14}{c |}   Coef.{col 26}   Std. Err.{col 38}   t{col
46}   P>|t|{col 54}   [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .1062328{col 26}{space 2} .0035761{col
37}{space 1}   29.71{col 46}{space 3}0.000{col 54}{space 4} .0990107{col 67}{space
3} .1134549
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .1096731{col 26}{space 2}
.0038815{col 37}{space 1}   28.26{col 46}{space 3}0.000{col 54}{space 4}
.1018343{col 67}{space 3} .1175118
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .1117769{col 26}{space 2}
.0037885{col 37}{space 1}   29.50{col 46}{space 3}0.000{col 54}{space 4}
.1041258{col 67}{space 3} .119428
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .110723{col 26}{space 2}
.0034459{col 37}{space 1}   32.13{col 46}{space 3}0.000{col 54}{space 4}
.1037639{col 67}{space 3} .1176821
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .2014075{col 26}{space 2}
.0073235{col 37}{space 1}   27.50{col 46}{space 3}0.000{col 54}{space 4}
.1866174{col 67}{space 3} .2161976
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .2005296{col 26}{space 2}
.0073245{col 37}{space 1}   27.38{col 46}{space 3}0.000{col 54}{space 4}
.1857375{col 67}{space 3} .2153216
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .2092725{col 26}{space 2}
.0078672{col 37}{space 1}   26.60{col 46}{space 3}0.000{col 54}{space 4}
.1933844{col 67}{space 3} .2251606
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .2134256{col 26}{space 2}
.0083642{col 37}{space 1}   25.52{col 46}{space 3}0.000{col 54}{space 4}

.1965337{col 67}{space 3} .2303174
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2} .0429586{col 26}{space 2}
.0008171{col 37}{space 1}   52.57{col 46}{space 3}0.000{col 54}{space 4}
.0413084{col 67}{space 3} .0446088
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2}-.0964913{col 26}{space 2}
.0014685{col 37}{space 1} -65.71{col 46}{space 3}0.000{col 54}{space 4}
-.099457{col 67}{space 3}-.0935256
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2}-.0757863{col 26}{space 2}
.0011698{col 37}{space 1} -64.79{col 46}{space 3}0.000{col 54}{space
4}-.0781488{col 67}{space 3}-.0734239
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2} .0407926{col 26}{space 2}
.0015259{col 37}{space 1}   26.73{col 46}{space 3}0.000{col 54}{space 4}
.037711{col 67}{space 3} .0438742
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2} .0303879{col 26}{space 2}
.0004765{col 37}{space 1}   63.78{col 46}{space 3}0.000{col 54}{space 4}
.0294257{col 67}{space 3} .0313501
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2} .0547794{col 26}{space 2}
.0024912{col 37}{space 1}   21.99{col 46}{space 3}0.000{col 54}{space 4}
.0497484{col 67}{space 3} .0598105
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0775898{col 26}{space 2}
.0010012{col 37}{space 1} -77.50{col 46}{space 3}0.000{col 54}{space
4}-.0796117{col 67}{space 3}-.0755678
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2} .0414234{col 26}{space 2}
.0015499{col 37}{space 1}   26.73{col 46}{space 3}0.000{col 54}{space 4}
.0382934{col 67}{space 3} .0445534
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2}-.0353004{col 26}{space 2}
.0004958{col 37}{space 1} -71.20{col 46}{space 3}0.000{col 54}{space
4}-.0363017{col 67}{space 3}-.0342991
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2} .0886163{col 26}{space 2}
.002106{col 37}{space 1}   42.08{col 46}{space 3}0.000{col 54}{space 4} .0843631{col
67}{space 3} .0928694
{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2}-.1231973{col 26}{space 2}
.0014832{col 37}{space 1} -83.06{col 46}{space 3}0.000{col 54}{space
4}-.1261926{col 67}{space 3} -.120202
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2} .0339038{col 26}{space 2}
.0003054{col 37}{space 1} 111.03{col 46}{space 3}0.000{col 54}{space 4}
.0332871{col 67}{space 3} .0345205
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2} .0161059{col 26}{space 2}
.0025054{col 37}{space 1}   6.43{col 46}{space 3}0.000{col 54}{space 4}
.0110462{col 67}{space 3} .0211655
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2}-.0687938{col 26}{space 2}
.0015054{col 37}{space 1} -45.70{col 46}{space 3}0.000{col 54}{space 4}
-.071834{col 67}{space 3}-.0657536
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2} -.114855{col 26}{space 2}
.0005133{col 37}{space 1} -223.74{col 46}{space 3}0.000{col 54}{space
4}-.1158918{col 67}{space 3}-.1138183
{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2} .0133045{col 26}{space 2}
.0014299{col 37}{space 1}   9.30{col 46}{space 3}0.000{col 54}{space 4}
.0104168{col 67}{space 3} .0161923
{txt}{space 2}_Istate_28 {c |}{col 14}{res}{space 2} .0198957{col 26}{space 2}
.0007965{col 37}{space 1}   24.98{col 46}{space 3}0.000{col 54}{space 4}
.0182871{col 67}{space 3} .0215043
{txt}{space 2}_Istate_29 {c |}{col 14}{res}{space 2} .0186865{col 26}{space 2}
.0015066{col 37}{space 1}   12.40{col 46}{space 3}0.000{col 54}{space 4}
.015644{col 67}{space 3} .0217291
{txt}{space 2}_Istate_30 {c |}{col 14}{res}{space 2} .1039895{col 26}{space 2}
.0024881{col 37}{space 1}   41.80{col 46}{space 3}0.000{col 54}{space 4}
.0989647{col 67}{space 3} .1090143
{txt}{space 2}_Istate_31 {c |}{col 14}{res}{space 2} .1033669{col 26}{space 2}
.0023459{col 37}{space 1}   44.06{col 46}{space 3}0.000{col 54}{space 4}
.0986294{col 67}{space 3} .1081045
{txt}{space 2}_Istate_32 {c |}{col 14}{res}{space 2}-.0796312{col 26}{space 2}
.0007206{col 37}{space 1} -110.50{col 46}{space 3}0.000{col 54}{space

4}-.0810865{col 67}{space 3}-.0781759
{txt}{space 2}_Istate_33 {c |}{col 14}{res}{space 2} .0360863{col 26}{space 2}
.0029122{col 37}{space 1}   12.39{col 46}{space 3}0.000{col 54}{space 4}
.030205{col 67}{space 3} .0419675
{txt}{space 2}_Istate_34 {c |}{col 14}{res}{space 2}-.0989408{col 26}{space 2}
.0012952{col 37}{space 1} -76.39{col 46}{space 3}0.000{col 54}{space
4}-.1015565{col 67}{space 3}-.0963251
{txt}{space 2}_Istate_35 {c |}{col 14}{res}{space 2} -.069813{col 26}{space 2}
.0017456{col 37}{space 1} -39.99{col 46}{space 3}0.000{col 54}{space
4}-.0733384{col 67}{space 3}-.0662876
{txt}{space 2}_Istate_37 {c |}{col 14}{res}{space 2} .0378818{col 26}{space 2}
.0005736{col 37}{space 1}   66.04{col 46}{space 3}0.000{col 54}{space 4}
.0367233{col 67}{space 3} .0390402
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2}   0{col 26}{txt}
(omitted)
{space 2}_Istate_39 {c |}{col 14}{res}{space 2}-.0897693{col 26}{space 2}
.0011212{col 37}{space 1} -80.07{col 46}{space 3}0.000{col 54}{space
4}-.0920335{col 67}{space 3}-.0875051
{txt}{space 2}_Istate_40 {c |}{col 14}{res}{space 2} .0206191{col 26}{space 2}
.0008931{col 37}{space 1}   23.09{col 46}{space 3}0.000{col 54}{space 4}
.0188154{col 67}{space 3} .0224227
{txt}{space 2}_Istate_41 {c |}{col 14}{res}{space 2}-.0751468{col 26}{space 2}
.0006853{col 37}{space 1} -109.66{col 46}{space 3}0.000{col 54}{space
4}-.0765308{col 67}{space 3}-.0737629
{txt}{space 2}_Istate_42 {c |}{col 14}{res}{space 2} .0130086{col 26}{space 2}
.0016325{col 37}{space 1}   7.97{col 46}{space 3}0.000{col 54}{space 4}
.0097117{col 67}{space 3} .0163055
{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2} -.10917{col 26}{space 2}
.0008542{col 37}{space 1} -127.80{col 46}{space 3}0.000{col 54}{space 4}
-.110895{col 67}{space 3}-.1074449
{txt}{space 2}_Istate_45 {c |}{col 14}{res}{space 2} .0311174{col 26}{space 2}
.0002894{col 37}{space 1} 107.53{col 46}{space 3}0.000{col 54}{space 4}
.0305329{col 67}{space 3} .0317018
{txt}{space 2}_Istate_46 {c |}{col 14}{res}{space 2} .1035968{col 26}{space 2}
.0015438{col 37}{space 1}   67.11{col 46}{space 3}0.000{col 54}{space 4}
.100479{col 67}{space 3} .1067145
{txt}{space 2}_Istate_47 {c |}{col 14}{res}{space 2} .0109696{col 26}{space 2}
.0009056{col 37}{space 1}   12.11{col 46}{space 3}0.000{col 54}{space 4}
.0091407{col 67}{space 3} .0127984
{txt}{space 2}_Istate_48 {c |}{col 14}{res}{space 2} .0682852{col 26}{space 2}
.0008962{col 37}{space 1}   76.19{col 46}{space 3}0.000{col 54}{space 4}
.0664752{col 67}{space 3} .0700951
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2} .0545532{col 26}{space 2}
.0028119{col 37}{space 1}   19.40{col 46}{space 3}0.000{col 54}{space 4}
.0488746{col 67}{space 3} .0602319
{txt}{space 2}_Istate_51 {c |}{col 14}{res}{space 2}   .04234{col 26}{space 2}
.00099{col 37}{space 1}   42.77{col 46}{space 3}0.000{col 54}{space 4} .0403406{col
67}{space 3} .0443393
{txt}{space 2}_Istate_53 {c |}{col 14}{res}{space 2}-.0970305{col 26}{space 2}
.0003574{col 37}{space 1} -271.49{col 46}{space 3}0.000{col 54}{space
4}-.0977523{col 67}{space 3}-.0963087
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2}-.1460882{col 26}{space 2}
.001255{col 37}{space 1} -116.41{col 46}{space 3}0.000{col 54}{space 4}-.1486227{col
67}{space 3}-.1435537
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2}-.0328552{col 26}{space 2}
.0004123{col 37}{space 1} -79.68{col 46}{space 3}0.000{col 54}{space 4}
-.033688{col 67}{space 3}-.0320225
{txt}{space 2}_Istate_56 {c |}{col 14}{res}{space 2} .1612425{col 26}{space 2}
.0026979{col 37}{space 1}   59.77{col 46}{space 3}0.000{col 54}{space 4}
.1557941{col 67}{space 3} .166691
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2}-.0113562{col 26}{space 2}
.0049769{col 37}{space 1}   -2.28{col 46}{space 3}0.028{col 54}{space
4}-.0214073{col 67}{space 3}-.0013051

{txt}{space 6}female {c |}{col 14}{res}{space 2}-.0004642{col 26}{space 2}
.0028064{col 37}{space 1}   -0.17{col 46}{space 3}0.869{col 54}{space
4}-.0061319{col 67}{space 3} .0052035
{txt}{space 5}married {c |}{col 14}{res}{space 2} .0281503{col 26}{space 2}
.0034357{col 37}{space 1}   8.19{col 46}{space 3}0.000{col 54}{space 4}
.0212118{col 67}{space 3} .0350887
{txt}{space 8}educ {c |}{col 14}{res}{space 2} .0667545{col 26}{space 2}
.0065165{col 37}{space 1}   10.24{col 46}{space 3}0.000{col 54}{space 4}
.0535941{col 67}{space 3} .0799149
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2} .0764807{col 26}{space 2}
.0084399{col 37}{space 1}   9.06{col 46}{space 3}0.000{col 54}{space 4}
.059436{col 67}{space 3} .0935254
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2} .0317201{col 26}{space 2}
.006579{col 37}{space 1}   4.82{col 46}{space 3}0.000{col 54}{space 4} .0184336{col
67}{space 3} .0450066
{txt}{space 5}agecat3 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat4 {c |}{col 14}{res}{space 2}-.0229088{col 26}{space 2} .0053459{col
37}{space 1}   -4.29{col 46}{space 3}0.000{col 54}{space 4}-.0337051{col 67}{space
3}-.0121126
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2}-.0482243{col 26}{space 2}
.0044297{col 37}{space 1} -10.89{col 46}{space 3}0.000{col 54}{space
4}-.0571702{col 67}{space 3}-.0392784
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2}-.0700669{col 26}{space 2}
.0043947{col 37}{space 1} -15.94{col 46}{space 3}0.000{col 54}{space
4}-.0789422{col 67}{space 3}-.0611917
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2}-.1020786{col 26}{space 2}
.0052327{col 37}{space 1} -19.51{col 46}{space 3}0.000{col 54}{space
4}-.1126464{col 67}{space 3}-.0915109
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2}-.1717364{col 26}{space 2}
.0059045{col 37}{space 1} -29.09{col 46}{space 3}0.000{col 54}{space
4}-.1836608{col 67}{space 3}-.1598119
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *5. emp30hrs
. xi: regress emp30hrs DID_* _201* i.state `demographics' if inc_belowfpl==1, nocons
cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_38 omitted because of collinearity
note: agecat3 omitted because of collinearity

Linear regression   Number of obs   = {res}   346,703
                                                {txt}{help j_robustsingular:F(17,
41) }   = {res}   .
                                                {txt}Prob > F   = {res}
  .
                                                {txt}R-squared   = {res}
0.1612
                                                {txt}Root MSE   =   {res}
.33743

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}   Robust
{col 1}   emp30hrs{col 14}{c |}   Coef.{col 26}   Std. Err.{col 38}   t{col
46}   P>|t|{col 54}   [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .0574767{col 26}{space 2} .0029713{col
37}{space 1}   19.34{col 46}{space 3}0.000{col 54}{space 4} .0514761{col 67}{space
3} .0634773
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .056395{col 26}{space 2}
.002139{col 37}{space 1}   26.37{col 46}{space 3}0.000{col 54}{space 4} .0520753{col
67}{space 3} .0607148

{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .0577753{col 26}{space 2}
.003088{col 37}{space 1}   18.71{col 46}{space 3}0.000{col 54}{space 4} .0515389{col
67}{space 3} .0640117
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .0597627{col 26}{space 2}
.0033178{col 37}{space 1}   18.01{col 46}{space 3}0.000{col 54}{space 4}
.0530622{col 67}{space 3} .0664631
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .1483146{col 26}{space 2}
.0060099{col 37}{space 1}   24.68{col 46}{space 3}0.000{col 54}{space 4}
.1361773{col 67}{space 3} .1604519
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .1504559{col 26}{space 2}
.0055534{col 37}{space 1}   27.09{col 46}{space 3}0.000{col 54}{space 4}
.1392406{col 67}{space 3} .1616711
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .1558294{col 26}{space 2}
.0069553{col 37}{space 1}   22.40{col 46}{space 3}0.000{col 54}{space 4}
.1417829{col 67}{space 3} .1698759
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .1558942{col 26}{space 2}
.0070803{col 37}{space 1}   22.02{col 46}{space 3}0.000{col 54}{space 4}
.1415954{col 67}{space 3} .1701931
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2} .0120056{col 26}{space 2}
.0005018{col 37}{space 1}   23.93{col 46}{space 3}0.000{col 54}{space 4}
.0109922{col 67}{space 3} .013019
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2}-.0587861{col 26}{space 2}
.0009071{col 37}{space 1} -64.81{col 46}{space 3}0.000{col 54}{space
4}-.0606181{col 67}{space 3}-.0569542
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2}-.0574598{col 26}{space 2}
.0007076{col 37}{space 1} -81.20{col 46}{space 3}0.000{col 54}{space
4}-.0588889{col 67}{space 3}-.0560308
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2} .0191693{col 26}{space 2}
.0009858{col 37}{space 1}   19.45{col 46}{space 3}0.000{col 54}{space 4}
.0171784{col 67}{space 3} .0211601
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2} .0122861{col 26}{space 2}
.0003304{col 37}{space 1}   37.19{col 46}{space 3}0.000{col 54}{space 4}
.0116189{col 67}{space 3} .0129534
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2} .0334703{col 26}{space 2}
.0016245{col 37}{space 1}   20.60{col 46}{space 3}0.000{col 54}{space 4}
.0301895{col 67}{space 3} .0367512
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0554719{col 26}{space 2}
.0005824{col 37}{space 1} -95.24{col 46}{space 3}0.000{col 54}{space
4}-.0566482{col 67}{space 3}-.0542957
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2} .0120499{col 26}{space 2}
.0010284{col 37}{space 1}   11.72{col 46}{space 3}0.000{col 54}{space 4}
.0099731{col 67}{space 3} .0141267
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2}-.0368024{col 26}{space 2}
.0004189{col 37}{space 1} -87.86{col 46}{space 3}0.000{col 54}{space
4}-.0376483{col 67}{space 3}-.0359565
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2} .0399265{col 26}{space 2}
.0013905{col 37}{space 1}   28.71{col 46}{space 3}0.000{col 54}{space 4}
.0371184{col 67}{space 3} .0427345
{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2} -.071503{col 26}{space 2}
.0010252{col 37}{space 1} -69.75{col 46}{space 3}0.000{col 54}{space
4}-.0735734{col 67}{space 3}-.0694325
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2} .0218756{col 26}{space 2}
.0002166{col 37}{space 1} 101.01{col 46}{space 3}0.000{col 54}{space 4}
.0214383{col 67}{space 3} .022313
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2}-.0126071{col 26}{space 2}
.0015885{col 37}{space 1}   -7.94{col 46}{space 3}0.000{col 54}{space
4}-.0158152{col 67}{space 3}-.0093991
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2}-.0507536{col 26}{space 2}
.000936{col 37}{space 1} -54.22{col 46}{space 3}0.000{col 54}{space 4} -.052644{col
67}{space 3}-.0488633
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2}-.0898455{col 26}{space 2}
.0004028{col 37}{space 1} -223.06{col 46}{space 3}0.000{col 54}{space 4}
-.090659{col 67}{space 3}-.0890321

{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2}-.0130446{col 26}{space 2}
.0009445{col 37}{space 1} -13.81{col 46}{space 3}0.000{col 54}{space
4}-.0149521{col 67}{space 3}-.0111371
{txt}{space 2}_Istate_28 {c |}{col 14}{res}{space 2} .0099715{col 26}{space 2}
.0005706{col 37}{space 1}   17.48{col 46}{space 3}0.000{col 54}{space 4}
.0088192{col 67}{space 3} .0111239
{txt}{space 2}_Istate_29 {c |}{col 14}{res}{space 2} .0047209{col 26}{space 2}
.0009788{col 37}{space 1}   4.82{col 46}{space 3}0.000{col 54}{space 4}
.0027441{col 67}{space 3} .0066976
{txt}{space 2}_Istate_30 {c |}{col 14}{res}{space 2} .0438382{col 26}{space 2}
.0016486{col 37}{space 1}   26.59{col 46}{space 3}0.000{col 54}{space 4}
.0405087{col 67}{space 3} .0471676
{txt}{space 2}_Istate_31 {c |}{col 14}{res}{space 2} .0632039{col 26}{space 2}
.0015701{col 37}{space 1}   40.26{col 46}{space 3}0.000{col 54}{space 4}
.0600331{col 67}{space 3} .0663747
{txt}{space 2}_Istate_32 {c |}{col 14}{res}{space 2}-.0447252{col 26}{space 2}
.0004464{col 37}{space 1} -100.19{col 46}{space 3}0.000{col 54}{space
4}-.0456267{col 67}{space 3}-.0438237
{txt}{space 2}_Istate_33 {c |}{col 14}{res}{space 2} .0168932{col 26}{space 2}
.001929{col 37}{space 1}   8.76{col 46}{space 3}0.000{col 54}{space 4} .0129975{col
67}{space 3} .0207889
{txt}{space 2}_Istate_34 {c |}{col 14}{res}{space 2}-.0635162{col 26}{space 2}
.000755{col 37}{space 1} -84.13{col 46}{space 3}0.000{col 54}{space 4}-.0650409{col
67}{space 3}-.0619915
{txt}{space 2}_Istate_35 {c |}{col 14}{res}{space 2}-.0446028{col 26}{space 2}
.0010383{col 37}{space 1} -42.96{col 46}{space 3}0.000{col 54}{space
4}-.0466996{col 67}{space 3} -.042506
{txt}{space 2}_Istate_37 {c |}{col 14}{res}{space 2} .0120295{col 26}{space 2}
.0003842{col 37}{space 1}   31.31{col 46}{space 3}0.000{col 54}{space 4}
.0112536{col 67}{space 3} .0128053
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2}   0{col 26}{txt}
(omitted)
{space 2}_Istate_39 {c |}{col 14}{res}{space 2}-.0598282{col 26}{space 2}
.0006517{col 37}{space 1} -91.81{col 46}{space 3}0.000{col 54}{space
4}-.0611442{col 67}{space 3}-.0585121
{txt}{space 2}_Istate_40 {c |}{col 14}{res}{space 2} .0164634{col 26}{space 2}
.0005765{col 37}{space 1}   28.56{col 46}{space 3}0.000{col 54}{space 4}
.0152992{col 67}{space 3} .0176276
{txt}{space 2}_Istate_41 {c |}{col 14}{res}{space 2}-.0760675{col 26}{space 2}
.0006092{col 37}{space 1} -124.86{col 46}{space 3}0.000{col 54}{space
4}-.0772979{col 67}{space 3}-.0748371
{txt}{space 2}_Istate_42 {c |}{col 14}{res}{space 2}-.0076197{col 26}{space 2}
.0010442{col 37}{space 1}   -7.30{col 46}{space 3}0.000{col 54}{space
4}-.0097285{col 67}{space 3}-.0055109
{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2}-.0816477{col 26}{space 2}
.0005232{col 37}{space 1} -156.06{col 46}{space 3}0.000{col 54}{space
4}-.0827043{col 67}{space 3}-.0805912
{txt}{space 2}_Istate_45 {c |}{col 14}{res}{space 2} .0150302{col 26}{space 2}
.0001939{col 37}{space 1}   77.52{col 46}{space 3}0.000{col 54}{space 4}
.0146386{col 67}{space 3} .0154218
{txt}{space 2}_Istate_46 {c |}{col 14}{res}{space 2} .0720354{col 26}{space 2}
.0010315{col 37}{space 1}   69.84{col 46}{space 3}0.000{col 54}{space 4}
.0699523{col 67}{space 3} .0741186
{txt}{space 2}_Istate_47 {c |}{col 14}{res}{space 2} .0024184{col 26}{space 2}
.0005844{col 37}{space 1}   4.14{col 46}{space 3}0.000{col 54}{space 4}
.0012381{col 67}{space 3} .0035986
{txt}{space 2}_Istate_48 {c |}{col 14}{res}{space 2} .0426852{col 26}{space 2}
.0005525{col 37}{space 1}   77.26{col 46}{space 3}0.000{col 54}{space 4}
.0415695{col 67}{space 3} .0438009
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2} .0043053{col 26}{space 2}
.0018282{col 37}{space 1}   2.35{col 46}{space 3}0.023{col 54}{space 4}
.0006132{col 67}{space 3} .0079974
{txt}{space 2}_Istate_51 {c |}{col 14}{res}{space 2} .0133481{col 26}{space 2}

.0006733{col 37}{space 1}   19.83{col 46}{space 3}0.000{col 54}{space 4}
.0119884{col 67}{space 3} .0147079
{txt}{space 2}_Istate_53 {c |}{col 14}{res}{space 2}-.0735903{col 26}{space 2}
.0003476{col 37}{space 1} -211.73{col 46}{space 3}0.000{col 54}{space
4}-.0742923{col 67}{space 3}-.0728884
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2}-.0843941{col 26}{space 2}
.0009407{col 37}{space 1} -89.71{col 46}{space 3}0.000{col 54}{space
4}-.0862939{col 67}{space 3}-.0824942
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2}-.0384243{col 26}{space 2}
.0002401{col 37}{space 1} -160.07{col 46}{space 3}0.000{col 54}{space
4}-.0389091{col 67}{space 3}-.0379395
{txt}{space 2}_Istate_56 {c |}{col 14}{res}{space 2} .0828165{col 26}{space 2}
.001751{col 37}{space 1}   47.30{col 46}{space 3}0.000{col 54}{space 4} .0792803{col
67}{space 3} .0863527
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2}-.0055332{col 26}{space 2}
.0032769{col 37}{space 1}   -1.69{col 46}{space 3}0.099{col 54}{space
4}-.0121509{col 67}{space 3} .0010846
{txt}{space 6}female {c |}{col 14}{res}{space 2}-.0264193{col 26}{space 2}
.002009{col 37}{space 1} -13.15{col 46}{space 3}0.000{col 54}{space 4}-.0304765{col
67}{space 3}-.0223621
{txt}{space 5}married {c |}{col 14}{res}{space 2} .0374524{col 26}{space 2}
.0023505{col 37}{space 1}   15.93{col 46}{space 3}0.000{col 54}{space 4}
.0327054{col 67}{space 3} .0421995
{txt}{space 8}educ {c |}{col 14}{res}{space 2} .0348687{col 26}{space 2}
.004973{col 37}{space 1}   7.01{col 46}{space 3}0.000{col 54}{space 4} .0248256{col
67}{space 3} .0449117
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2} .0429481{col 26}{space 2}
.0041996{col 37}{space 1}   10.23{col 46}{space 3}0.000{col 54}{space 4}
.0344669{col 67}{space 3} .0514294
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2} .0206498{col 26}{space 2}
.0051156{col 37}{space 1}   4.04{col 46}{space 3}0.000{col 54}{space 4}
.0103188{col 67}{space 3} .0309809
{txt}{space 5}agecat3 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat4 {c |}{col 14}{res}{space 2}-.0158011{col 26}{space 2} .0033928{col
37}{space 1}   -4.66{col 46}{space 3}0.000{col 54}{space 4} -.022653{col 67}{space
3}-.0089493
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2}-.0371302{col 26}{space 2}
.0039692{col 37}{space 1}   -9.35{col 46}{space 3}0.000{col 54}{space
4}-.0451463{col 67}{space 3}-.0291142
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2}-.0562734{col 26}{space 2}
.0044661{col 37}{space 1} -12.60{col 46}{space 3}0.000{col 54}{space
4}-.0652929{col 67}{space 3}-.0472539
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2}-.0810338{col 26}{space 2}
.0050784{col 37}{space 1} -15.96{col 46}{space 3}0.000{col 54}{space
4}-.0912898{col 67}{space 3}-.0707779
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2}-.1250776{col 26}{space 2}
.0059863{col 37}{space 1} -20.89{col 46}{space 3}0.000{col 54}{space
4}-.1371671{col 67}{space 3}-.1129881
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *6. self-employed
. xi: regress selfemp DID_* _201* i.state `demographics' if inc_belowfpl==1, nocons
cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_38 omitted because of collinearity
note: agecat3 omitted because of collinearity

Linear regression   Number of obs   = {res}   346,703
                                                {txt}{help j_robustsingular:F(17,
41) }   = {res}   .
                                                {txt}Prob > F   = {res}
  .

```
                                    midterm_log
                                                {txt}R-squared         = {res}
0.0636
                                                {txt}Root MSE          =    {res}
.21721

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}    Robust
{col 1}     selfemp{col 14}{c |}      Coef.{col 26}   Std. Err.{col 38}      t{col
46}   P>|t|{col 54}     [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .0370997{col 26}{space 2} .0012499{col
37}{space 1}   29.68{col 46}{space 3}0.000{col 54}{space 4} .0345756{col 67}{space
3} .0396239
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .0390908{col 26}{space 2}
.0014864{col 37}{space 1}   26.30{col 46}{space 3}0.000{col 54}{space 4}
.036089{col 67}{space 3} .0420926
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .0410485{col 26}{space 2}
.0016788{col 37}{space 1}   24.45{col 46}{space 3}0.000{col 54}{space 4}
.037658{col 67}{space 3} .0444389
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .0400166{col 26}{space 2}
.0012109{col 37}{space 1}   33.05{col 46}{space 3}0.000{col 54}{space 4}
.0375711{col 67}{space 3} .0424622
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .0418499{col 26}{space 2}
.0019964{col 37}{space 1}   20.96{col 46}{space 3}0.000{col 54}{space 4}
.0378181{col 67}{space 3} .0458818
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .0393249{col 26}{space 2}
.0018907{col 37}{space 1}   20.80{col 46}{space 3}0.000{col 54}{space 4}
.0355065{col 67}{space 3} .0431434
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .0375393{col 26}{space 2}
.0019375{col 37}{space 1}   19.38{col 46}{space 3}0.000{col 54}{space 4}
.0336264{col 67}{space 3} .0414522
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .0396783{col 26}{space 2}
.0025567{col 37}{space 1}   15.52{col 46}{space 3}0.000{col 54}{space 4}
.034515{col 67}{space 3} .0448416
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2}-.0087972{col 26}{space 2}
.0001704{col 37}{space 1}  -51.63{col 46}{space 3}0.000{col 54}{space
4}-.0091413{col 67}{space 3} -.008453
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2}-.0312495{col 26}{space 2}
.0003488{col 37}{space 1}  -89.59{col 46}{space 3}0.000{col 54}{space
4}-.0319539{col 67}{space 3}-.0305451
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2}-.0187424{col 26}{space 2}
.0004713{col 37}{space 1}  -39.77{col 46}{space 3}0.000{col 54}{space
4}-.0196942{col 67}{space 3}-.0177906
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2} .0147026{col 26}{space 2}
.0004056{col 37}{space 1}   36.25{col 46}{space 3}0.000{col 54}{space 4}
.0138834{col 67}{space 3} .0155218
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2}  .010232{col 26}{space 2}
.0001031{col 37}{space 1}   99.25{col 46}{space 3}0.000{col 54}{space 4}
.0100238{col 67}{space 3} .0104401
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2} .0045898{col 26}{space 2}
.0007357{col 37}{space 1}    6.24{col 46}{space 3}0.000{col 54}{space 4}
.0031041{col 67}{space 3} .0060756
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0407101{col 26}{space 2}
.0004466{col 37}{space 1}  -91.16{col 46}{space 3}0.000{col 54}{space 4}
-.041612{col 67}{space 3}-.0398082
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2}-.0044656{col 26}{space 2}
.000411{col 37}{space 1}  -10.87{col 46}{space 3}0.000{col 54}{space 4}-.0052956{col
67}{space 3}-.0036357
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2} -.031409{col 26}{space 2}
.0001452{col 37}{space 1} -216.26{col 46}{space 3}0.000{col 54}{space
4}-.0317023{col 67}{space 3}-.0311157
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2} .0136674{col 26}{space 2}
```

.000562{col 37}{space 1}   24.32{col 46}{space 3}0.000{col 54}{space 4} .0125325{col
67}{space 3} .0148024
{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2}-.0517275{col 26}{space 2}
.0002639{col 37}{space 1} -196.02{col 46}{space 3}0.000{col 54}{space
4}-.0522604{col 67}{space 3}-.0511946
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2} .0051317{col 26}{space 2}
.0001429{col 37}{space 1}   35.91{col 46}{space 3}0.000{col 54}{space 4}
.0048431{col 67}{space 3} .0054204
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2} .0219749{col 26}{space 2}
.0007902{col 37}{space 1}   27.81{col 46}{space 3}0.000{col 54}{space 4}
.0203789{col 67}{space 3} .0235708
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2}-.0343928{col 26}{space 2}
.0006646{col 37}{space 1} -51.75{col 46}{space 3}0.000{col 54}{space
4}-.0357351{col 67}{space 3}-.0330505
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2} -.045181{col 26}{space 2}
.0002759{col 37}{space 1} -163.74{col 46}{space 3}0.000{col 54}{space
4}-.0457383{col 67}{space 3}-.0446238
{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2}-.0010877{col 26}{space 2}
.0004044{col 37}{space 1}   -2.69{col 46}{space 3}0.010{col 54}{space
4}-.0019045{col 67}{space 3} -.000271
{txt}{space 2}_Istate_28 {c |}{col 14}{res}{space 2} .0019345{col 26}{space 2}
.0002427{col 37}{space 1}   7.97{col 46}{space 3}0.000{col 54}{space 4}
.0014443{col 67}{space 3} .0024247
{txt}{space 2}_Istate_29 {c |}{col 14}{res}{space 2}-.0007557{col 26}{space 2}
.0004498{col 37}{space 1}   -1.68{col 46}{space 3}0.101{col 54}{space
4}-.0016641{col 67}{space 3} .0001528
{txt}{space 2}_Istate_30 {c |}{col 14}{res}{space 2} .0346052{col 26}{space 2}
.0006577{col 37}{space 1}   52.61{col 46}{space 3}0.000{col 54}{space 4}
.0332769{col 67}{space 3} .0359336
{txt}{space 2}_Istate_31 {c |}{col 14}{res}{space 2} .0283816{col 26}{space 2}
.0005924{col 37}{space 1}   47.91{col 46}{space 3}0.000{col 54}{space 4}
.0271852{col 67}{space 3} .0295781
{txt}{space 2}_Istate_32 {c |}{col 14}{res}{space 2} -.035981{col 26}{space 2}
.0003454{col 37}{space 1} -104.17{col 46}{space 3}0.000{col 54}{space
4}-.0366786{col 67}{space 3}-.0352835
{txt}{space 2}_Istate_33 {c |}{col 14}{res}{space 2} .0192623{col 26}{space 2}
.0007793{col 37}{space 1}   24.72{col 46}{space 3}0.000{col 54}{space 4}
.0176885{col 67}{space 3} .0208361
{txt}{space 2}_Istate_34 {c |}{col 14}{res}{space 2}-.0429934{col 26}{space 2}
.0005409{col 37}{space 1} -79.48{col 46}{space 3}0.000{col 54}{space
4}-.0440858{col 67}{space 3}-.0419009
{txt}{space 2}_Istate_35 {c |}{col 14}{res}{space 2}-.0225679{col 26}{space 2}
.0004812{col 37}{space 1} -46.89{col 46}{space 3}0.000{col 54}{space
4}-.0235398{col 67}{space 3} -.021596
{txt}{space 2}_Istate_37 {c |}{col 14}{res}{space 2} .0076466{col 26}{space 2}
.0000958{col 37}{space 1}   79.81{col 46}{space 3}0.000{col 54}{space 4}
.0074531{col 67}{space 3} .0078401
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2}   0{col 26}{txt}
(omitted)
{space 2}_Istate_39 {c |}{col 14}{res}{space 2} -.044193{col 26}{space 2}
.0003391{col 37}{space 1} -130.32{col 46}{space 3}0.000{col 54}{space
4}-.0448779{col 67}{space 3}-.0435082
{txt}{space 2}_Istate_40 {c |}{col 14}{res}{space 2}-.0003623{col 26}{space 2}
.0002871{col 37}{space 1}   -1.26{col 46}{space 3}0.214{col 54}{space 4}
-.000942{col 67}{space 3} .0002175
{txt}{space 2}_Istate_41 {c |}{col 14}{res}{space 2}-.0303558{col 26}{space 2}
.0001358{col 37}{space 1} -223.52{col 46}{space 3}0.000{col 54}{space
4}-.0306301{col 67}{space 3}-.0300815
{txt}{space 2}_Istate_42 {c |}{col 14}{res}{space 2}-.0036371{col 26}{space 2}
.0004378{col 37}{space 1}   -8.31{col 46}{space 3}0.000{col 54}{space
4}-.0045212{col 67}{space 3} -.002753
{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2}-.0418319{col 26}{space 2}
.0002868{col 37}{space 1} -145.84{col 46}{space 3}0.000{col 54}{space

4}-.0424111{col 67}{space 3}-.0412526
{txt}{space 2}_Istate_45 {c |}{col 14}{res}{space 2} .001058{col 26}{space 2}
.0000545{col 37}{space 1}   19.42{col 46}{space 3}0.000{col 54}{space 4}
.0009479{col 67}{space 3} .001168
{txt}{space 2}_Istate_46 {c |}{col 14}{res}{space 2} .0307626{col 26}{space 2}
.0004267{col 37}{space 1}   72.09{col 46}{space 3}0.000{col 54}{space 4}
.0299008{col 67}{space 3} .0316244
{txt}{space 2}_Istate_47 {c |}{col 14}{res}{space 2}-.0004318{col 26}{space 2}
.0003464{col 37}{space 1}   -1.25{col 46}{space 3}0.220{col 54}{space
4}-.0011314{col 67}{space 3} .0002678
{txt}{space 2}_Istate_48 {c |}{col 14}{res}{space 2} .0136271{col 26}{space 2}
.0002784{col 37}{space 1}   48.94{col 46}{space 3}0.000{col 54}{space 4}
.0130648{col 67}{space 3} .0141894
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2} .0044165{col 26}{space 2}
.0006599{col 37}{space 1}   6.69{col 46}{space 3}0.000{col 54}{space 4}
.0030839{col 67}{space 3} .0057491
{txt}{space 2}_Istate_51 {c |}{col 14}{res}{space 2}   .00735{col 26}{space 2}
.000158{col 37}{space 1}   46.52{col 46}{space 3}0.000{col 54}{space 4} .0070309{col
67}{space 3} .0076691
{txt}{space 2}_Istate_53 {c |}{col 14}{res}{space 2}-.0322315{col 26}{space 2}
.0001956{col 37}{space 1} -164.76{col 46}{space 3}0.000{col 54}{space
4}-.0326265{col 67}{space 3}-.0318364
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2} -.055695{col 26}{space 2}
.000274{col 37}{space 1} -203.26{col 46}{space 3}0.000{col 54}{space 4}-.0562483{col
67}{space 3}-.0551416
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2}-.0207957{col 26}{space 2}
.0001197{col 37}{space 1} -173.72{col 46}{space 3}0.000{col 54}{space
4}-.0210374{col 67}{space 3}-.0205539
{txt}{space 2}_Istate_56 {c |}{col 14}{res}{space 2} .038005{col 26}{space 2}
.0006222{col 37}{space 1}   61.09{col 46}{space 3}0.000{col 54}{space 4}
.0367486{col 67}{space 3} .0392615
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2}-.0228235{col 26}{space 2}
.0017776{col 37}{space 1} -12.84{col 46}{space 3}0.000{col 54}{space
4}-.0264134{col 67}{space 3}-.0192336
{txt}{space 6}female {c |}{col 14}{res}{space 2}-.0235738{col 26}{space 2}
.0019233{col 37}{space 1} -12.26{col 46}{space 3}0.000{col 54}{space
4}-.0274579{col 67}{space 3}-.0196897
{txt}{space 5}married {c |}{col 14}{res}{space 2} .0159386{col 26}{space 2}
.0014524{col 37}{space 1}   10.97{col 46}{space 3}0.000{col 54}{space 4}
.0130055{col 67}{space 3} .0188718
{txt}{space 8}educ {c |}{col 14}{res}{space 2} .0236711{col 26}{space 2}
.0012085{col 37}{space 1}   19.59{col 46}{space 3}0.000{col 54}{space 4}
.0212304{col 67}{space 3} .0261118
{txt}{space 5}agecat1 {c |}{col 14}{res}{space 2}-.0196037{col 26}{space 2}
.0022584{col 37}{space 1}   -8.68{col 46}{space 3}0.000{col 54}{space
4}-.0241646{col 67}{space 3}-.0150427
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}-.0067459{col 26}{space 2}
.0014605{col 37}{space 1}   -4.62{col 46}{space 3}0.000{col 54}{space
4}-.0096956{col 67}{space 3}-.0037963
{txt}{space 5}agecat3 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat4 {c |}{col 14}{res}{space 2} .0031506{col 26}{space 2} .0022271{col
37}{space 1}   1.41{col 46}{space 3}0.165{col 54}{space 4} -.001347{col 67}{space
3} .0076483
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} .0063234{col 26}{space 2}
.0021668{col 37}{space 1}   2.92{col 46}{space 3}0.006{col 54}{space 4}
.0019475{col 67}{space 3} .0106992
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2} .0068568{col 26}{space 2}
.0017725{col 37}{space 1}   3.87{col 46}{space 3}0.000{col 54}{space 4}
.0032771{col 67}{space 3} .0104365
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2} .0035796{col 26}{space 2}
.0019847{col 37}{space 1}   1.80{col 46}{space 3}0.079{col 54}{space
4}-.0004286{col 67}{space 3} .0075877
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2}-.0131658{col 26}{space 2}

```
.0025781{col 37}{space 1}   -5.11{col 46}{space 3}0.000{col 54}{space
4}-.0183724{col 67}{space 3}-.0079591
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
.
. /*DID NOT USE THIS IN THE END
> *(ii) individuals aged 50+ - n = 1,778,829
> gen plus50 = 0
> replace plus50 =1 if agecat6==1|agecat7==1|agecat8==1
>
> sum plus60
> display r(sum)
>
> local demographics "nonwhite female married educ agecat*"
> *1. hicov
> xi: regress hicov DID_* _201* i.state `demographics' emp if plus50==1, nocons
cluster(state)
>
> *2. pubocv
> xi: regress pubcov DID_* _201* i.state `demographics' emp if plus50==1, nocons
cluster(state)
>
> *3. privcov
> xi: regress privcov DID_* _201* i.state `demographics' emp if plus50==1, nocons
cluster(state)
>
> *4. emp
> xi: regress emp DID_* _201* i.state `demographics' if plus60==1, nocons
cluster(state)
>
> *5. emp30hrs
> xi: regress emp30hrs DID_* _201* i.state `demographics' if plus50==1, nocons
cluster(state)
>
> *6. self-employed
> xi: regress selfemp DID_* _201* i.state `demographics' if plus50==1, nocons
cluster(state)
> */
.
. *(iii) individuals who are HS dropouts - n=309,007
. sum educ if edu==0

{txt}    Variable {c |}        Obs        Mean    Std. Dev.       Min        Max
{hline 13}{c +}{hline 57}
{space 8}educ {c |}{res}    309,007           0           0          0          0
{txt}
{com}.
. *how many HS dropouts have jobs that provide health insurance? -- about 30%
(including unions)
. sum hins1 if educ==0

{txt}    Variable {c |}        Obs        Mean    Std. Dev.       Min        Max
{hline 13}{c +}{hline 57}
{space 7}hins1 {c |}{res}    309,007    .3100059    .4624964          0          1
{txt}
{com}. display r(sum)
{res}95794
{txt}
{com}.
. *and what about non-HS dropouts? -- about 65%
. sum hins1 if educ!=0
```

```
                                    midterm_log
{txt}    Variable {c |}        Obs        Mean    Std. Dev.       Min        Max
{hline 13}{c +}{hline 57}
{space 7}hins1 {c |}{res}  2,739,076    .6593183    .4739386          0          1
{txt}
{com}. display r(sum)
{res}1805923
{txt}
{com}.
. local demographics "nonwhite female married educ agecat*"
{txt}
{com}. *1. hicov
. xi: regress hicov DID_* _201* i.state `demographics' emp if educ==0, nocons
cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_44 omitted because of collinearity
note: educ omitted because of collinearity
note: agecat2 omitted because of collinearity

Linear regression                               Number of obs     = {res}   309,007
                                                {txt}{help j_robustsingular:F(17,
41) }        =  {res}        .
                                                {txt}Prob > F          = {res}
  .
                                                {txt}R-squared         = {res}
0.6956
                                                {txt}Root MSE          =    {res}
.45197

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}    Robust
{col 1}       hicov{col 14}{c |}      Coef.{col 26}   Std. Err.{col 38}      t{col
46}   P>|t|{col 54}     [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .0288572{col 26}{space 2} .0045592{col
37}{space 1}    6.33{col 46}{space 3}0.000{col 54}{space 4} .0196498{col 67}{space
3} .0380646
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .0285915{col 26}{space 2}
.0030886{col 37}{space 1}    9.26{col 46}{space 3}0.000{col 54}{space 4}
.022354{col 67}{space 3}  .034829
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .0345268{col 26}{space 2}
.0029824{col 37}{space 1}   11.58{col 46}{space 3}0.000{col 54}{space 4}
.0285037{col 67}{space 3} .0405498
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .0771858{col 26}{space 2}
.0062738{col 37}{space 1}   12.30{col 46}{space 3}0.000{col 54}{space 4}
.0645157{col 67}{space 3} .0898559
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .5426623{col 26}{space 2}
.0089802{col 37}{space 1}   60.43{col 46}{space 3}0.000{col 54}{space 4}
.5245265{col 67}{space 3} .5607981
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2}  .546867{col 26}{space 2}
.0088096{col 37}{space 1}   62.08{col 46}{space 3}0.000{col 54}{space 4}
.5290757{col 67}{space 3} .5646584
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .5468854{col 26}{space 2}
.0082982{col 37}{space 1}   65.90{col 46}{space 3}0.000{col 54}{space 4}
.5301268{col 67}{space 3} .5636439
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .5949417{col 26}{space 2}
.0085006{col 37}{space 1}   69.99{col 46}{space 3}0.000{col 54}{space 4}
.5777743{col 67}{space 3} .6121091
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2}-.2042682{col 26}{space 2}
.0020178{col 37}{space 1} -101.23{col 46}{space 3}0.000{col 54}{space
4}-.2083432{col 67}{space 3}-.2001932
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2}-.0780845{col 26}{space 2}
.0005804{col 37}{space 1} -134.53{col 46}{space 3}0.000{col 54}{space
```

4}-.0792567{col 67}{space 3}-.0769124
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2}-.1214051{col 26}{space 2}
.000983{col 37}{space 1} -123.51{col 46}{space 3}0.000{col 54}{space 4}-.1233903{col
67}{space 3}-.1194199
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2}-.1138582{col 26}{space 2}
.0008704{col 37}{space 1} -130.82{col 46}{space 3}0.000{col 54}{space 4}
-.115616{col 67}{space 3}-.1121004
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2} -.092606{col 26}{space 2}
.0004022{col 37}{space 1} -230.27{col 46}{space 3}0.000{col 54}{space
4}-.0934182{col 67}{space 3}-.0917939
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2}-.0692112{col 26}{space 2}
.0022381{col 37}{space 1} -30.92{col 46}{space 3}0.000{col 54}{space
4}-.0737311{col 67}{space 3}-.0646912
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0755489{col 26}{space 2}
.0004493{col 37}{space 1} -168.17{col 46}{space 3}0.000{col 54}{space
4}-.0764562{col 67}{space 3}-.0746416
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2}-.0122876{col 26}{space 2}
.0017004{col 37}{space 1}   -7.23{col 46}{space 3}0.000{col 54}{space
4}-.0157217{col 67}{space 3}-.0088535
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2} .0503594{col 26}{space 2}
.0014999{col 37}{space 1}   33.57{col 46}{space 3}0.000{col 54}{space 4}
.0473302{col 67}{space 3} .0533886
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2}-.0192076{col 26}{space 2}
.0019888{col 37}{space 1}   -9.66{col 46}{space 3}0.000{col 54}{space 4}
-.023224{col 67}{space 3}-.0151911
{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2}-.0269109{col 26}{space 2}
.0012116{col 37}{space 1} -22.21{col 46}{space 3}0.000{col 54}{space
4}-.0293577{col 67}{space 3} -.024464
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2}-.0502387{col 26}{space 2}
.0007912{col 37}{space 1} -63.50{col 46}{space 3}0.000{col 54}{space
4}-.0518365{col 67}{space 3}-.0486409
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2} .0115705{col 26}{space 2}
.0020758{col 37}{space 1}   5.57{col 46}{space 3}0.000{col 54}{space 4}
.0073783{col 67}{space 3} .0157628
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.0089072{col 67}{space 3} .0197152
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4}-.0535883{col 67}{space 3}-.0508049
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-.036334{col 67}{space 3}-.0342825
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4}-.1054644{col 67}{space 3}-.1014823
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{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2}   0{col 26}{txt}
(omitted)
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4}-.0064028{col 67}{space 3} .0018485
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4}-.0185702{col 67}{space 3}-.0161778
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4}-.0604353{col 67}{space 3} -.049934
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4}-.0339879{col 67}{space 3}-.0053904
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.0036215{col 37}{space 1}   5.94{col 46}{space 3}0.000{col 54}{space 4}
.0141909{col 67}{space 3} .0288186
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.0046336{col 37}{space 1}   2.91{col 46}{space 3}0.006{col 54}{space 4}
.004112{col 67}{space 3} .0228276

{txt}{space 8}educ {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat1 {c |}{col 14}{res}{space 2}-.0245206{col 26}{space 2} .0050035{col 37}{space 1}   -4.90{col 46}{space 3}0.000{col 54}{space 4}-.0346253{col 67}{space 3}-.0144158
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat3 {c |}{col 14}{res}{space 2} .0374101{col 26}{space 2} .0057851{col 37}{space 1}   6.47{col 46}{space 3}0.000{col 54}{space 4} .0257268{col 67}{space 3} .0490934
{txt}{space 5}agecat4 {c |}{col 14}{res}{space 2} .0839565{col 26}{space 2} .0051624{col 37}{space 1}   16.26{col 46}{space 3}0.000{col 54}{space 4} .0735309{col 67}{space 3} .0943822
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} .138183{col 26}{space 2} .0074511{col 37}{space 1}   18.55{col 46}{space 3}0.000{col 54}{space 4} .1231351{col 67}{space 3} .1532309
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2} .1964324{col 26}{space 2} .0082404{col 37}{space 1}   23.84{col 46}{space 3}0.000{col 54}{space 4} .1797906{col 67}{space 3} .2130741
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2} .2481071{col 26}{space 2} .0091506{col 37}{space 1}   27.11{col 46}{space 3}0.000{col 54}{space 4} .229627{col 67}{space 3} .2665871
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2} .2711166{col 26}{space 2} .0103143{col 37}{space 1}   26.29{col 46}{space 3}0.000{col 54}{space 4} .2502864{col 67}{space 3} .2919468
{txt}{space 9}emp {c |}{col 14}{res}{space 2}-.0420477{col 26}{space 2} .0052291{col 37}{space 1}   -8.04{col 46}{space 3}0.000{col 54}{space 4} -.052608{col 67}{space 3}-.0314873
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *2. pubocv
. xi: regress pubcov DID_* _201* i.state `demographics' emp if educ==0, nocons cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_44 omitted because of collinearity
note: educ omitted because of collinearity
note: agecat2 omitted because of collinearity

Linear regression   Number of obs   = {res}   309,007
                                                {txt}{help j_robustsingular:F(17, 41) }   = {res}   .
                                                {txt}Prob > F   = {res}
  .
                                                {txt}R-squared   = {res}
0.5190
                                                {txt}Root MSE   =   {res}
.40307

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}   Robust
{col 1}   pubcov{col 14}{c |}   Coef.{col 26}   Std. Err.{col 38}   t{col 46}   P>|t|{col 54}   [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .0285703{col 26}{space 2} .0033732{col 37}{space 1}   8.47{col 46}{space 3}0.000{col 54}{space 4} .021758{col 67}{space 3} .0353826
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .0252048{col 26}{space 2} .0054326{col 37}{space 1}   4.64{col 46}{space 3}0.000{col 54}{space 4} .0142335{col 67}{space 3} .0361761
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .0378426{col 26}{space 2} .0026456{col 37}{space 1}   14.30{col 46}{space 3}0.000{col 54}{space 4} .0324996{col 67}{space 3} .0431855
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.0034575{col 37}{space 1}   24.72{col 46}{space 3}0.000{col 54}{space 4}
.0785001{col 67}{space 3} .0924651
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.5247982{col 67}{space 3} .5590742
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.516402{col 67}{space 3} .5489266
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.532577{col 67}{space 3} .5722389
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4}-.1520377{col 67}{space 3}-.1454316
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-.030114{col 67}{space 3}-.0277832
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4}-.0808662{col 67}{space 3}-.0757131
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67}{space 3}-.0647301
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67}{space 3}-.0314051
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4}-.0951559{col 67}{space 3}-.0936224
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2}-.0235466{col 26}{space 2}
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4}-.0259732{col 67}{space 3}-.0211199
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.0113286{col 67}{space 3} .0153264
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4}-.0429513{col 67}{space 3}-.0331053
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.0084808{col 67}{space 3} .0162947
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-.01641{col 67}{space 3}-.0133756
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.001378{col 37}{space 1}   67.43{col 46}{space 3}0.000{col 54}{space 4} .090143{col
67}{space 3} .095709
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2}-.0556919{col 26}{space 2}
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67}{space 3}-.0534987
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2} .1399451{col 26}{space 2}
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.138823{col 67}{space 3} .1410673
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.0005531{col 37}{space 1}   59.06{col 46}{space 3}0.000{col 54}{space 4}
.0315486{col 67}{space 3} .0337826
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.0017192{col 67}{space 3} .0049283
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4}-.0317761{col 67}{space 3}-.0241771
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4}-.1719124{col 67}{space 3}-.1660682
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4}-.0293363{col 67}{space 3}-.0192672
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4}-.1263111{col 67}{space 3}-.1201995
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4}-.0561562{col 67}{space 3} -.05109
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67}{space 3}-.0410405
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(omitted)
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-.041562{col 67}{space 3}-.0391847
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67}{space 3} .0137681
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-.038867{col 67}{space 3} -.029846
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67}{space 3}-.0462124
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.0005412{col 37}{space 1} -128.52{col 46}{space 3}0.000{col 54}{space

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4}-.0706523{col 67}{space 3}-.0684662
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4}-.0340046{col 67}{space 3}-.0311715
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.0033209{col 37}{space 1}  -18.22{col 46}{space 3}0.000{col 54}{space
4}-.0672034{col 67}{space 3}-.0537899
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2} .0152863{col 26}{space 2}
.0043883{col 37}{space 1}    3.48{col 46}{space 3}0.001{col 54}{space 4}
.0064239{col 67}{space 3} .0241487
{txt}{space 6}female {c |}{col 14}{res}{space 2}-.0166487{col 26}{space 2}
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{txt}{space 5}married {c |}{col 14}{res}{space 2}-.2019739{col 26}{space 2}
.0078471{col 37}{space 1}  -25.74{col 46}{space 3}0.000{col 54}{space
4}-.2178215{col 67}{space 3}-.1861263
{txt}{space 8}educ {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 5}agecat1 {c |}{col 14}{res}{space 2}-.0209522{col 26}{space 2} .0057205{col
37}{space 1}   -3.66{col 46}{space 3}0.001{col 54}{space 4} -.032505{col 67}{space
3}-.0093995
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 5}agecat3 {c |}{col 14}{res}{space 2} .0290535{col 26}{space 2} .0037132{col
37}{space 1}    7.82{col 46}{space 3}0.000{col 54}{space 4} .0215546{col 67}{space
3} .0365524
{txt}{space 5}agecat4 {c |}{col 14}{res}{space 2}  .055415{col 26}{space 2}
.0050993{col 37}{space 1}   10.87{col 46}{space 3}0.000{col 54}{space 4}
.0451168{col 67}{space 3} .0657133
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} .0736964{col 26}{space 2}
.0038932{col 37}{space 1}   18.93{col 46}{space 3}0.000{col 54}{space 4}
.0658339{col 67}{space 3} .0815589
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2} .1054584{col 26}{space 2}
.0054435{col 37}{space 1}   19.37{col 46}{space 3}0.000{col 54}{space 4}
.094465{col 67}{space 3} .1164518
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2} .1410186{col 26}{space 2}
.0068052{col 37}{space 1}   20.72{col 46}{space 3}0.000{col 54}{space 4}
.1272753{col 67}{space 3} .1547619
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2} .1624071{col 26}{space 2}
.0078459{col 37}{space 1}   20.70{col 46}{space 3}0.000{col 54}{space 4}
.1465621{col 67}{space 3} .1782521
{txt}{space 9}emp {c |}{col 14}{res}{space 2}-.3995297{col 26}{space 2} .0124737{col
37}{space 1}  -32.03{col 46}{space 3}0.000{col 54}{space 4}-.4247208{col 67}{space
3}-.3743385
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *3. privcov
. xi: regress privcov DID_* _201* i.state `demographics' emp if educ==0, nocons
cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_44 omitted because of collinearity
note: educ omitted because of collinearity
note: agecat2 omitted because of collinearity

Linear regression                               Number of obs     = {res}   309,007
                                                {txt}{help j_robustsingular:F(17,
41) }        =  {res}        .
                                                {txt}Prob > F          = {res}
  .
                                                {txt}R-squared         = {res}
0.5015
```

```
                                                {txt}Root MSE          =    {res}
.43618

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}    Robust
{col 1}     privcov{col 14}{c |}      Coef.{col 26}   Std. Err.{col 38}      t{col
46}   P>|t|{col 54}     [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2}-.0170404{col 26}{space 2}   .00483{col
37}{space 1}   -3.53{col 46}{space 3}0.001{col 54}{space 4}-.0267948{col 67}{space
3}-.0072859
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2}-.0165238{col 26}{space 2}
.0034224{col 37}{space 1}   -4.83{col 46}{space 3}0.000{col 54}{space
4}-.0234355{col 67}{space 3}-.0096121
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2}-.0216382{col 26}{space 2}
.0024756{col 37}{space 1}   -8.74{col 46}{space 3}0.000{col 54}{space
4}-.0266378{col 67}{space 3}-.0166385
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2}-.0277586{col 26}{space 2}
.0062797{col 37}{space 1}   -4.42{col 46}{space 3}0.000{col 54}{space
4}-.0404406{col 67}{space 3}-.0150766
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .0991481{col 26}{space 2}
.0117157{col 37}{space 1}    8.46{col 46}{space 3}0.000{col 54}{space 4}
.0754877{col 67}{space 3} .1228084
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .0953701{col 26}{space 2}
.0118734{col 37}{space 1}    8.03{col 46}{space 3}0.000{col 54}{space 4}
.0713913{col 67}{space 3} .1193489
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .1018683{col 26}{space 2}
.0119852{col 37}{space 1}    8.50{col 46}{space 3}0.000{col 54}{space 4}
.0776637{col 67}{space 3} .1260729
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .1342004{col 26}{space 2}
.0133137{col 37}{space 1}   10.08{col 46}{space 3}0.000{col 54}{space 4}
.1073129{col 67}{space 3} .1610879
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2}-.0984302{col 26}{space 2}
.0020397{col 37}{space 1}  -48.26{col 46}{space 3}0.000{col 54}{space
4}-.1025494{col 67}{space 3}-.0943109
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2}-.0512311{col 26}{space 2}
.0005406{col 37}{space 1}  -94.76{col 46}{space 3}0.000{col 54}{space 4}
-.052323{col 67}{space 3}-.0501393
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2}-.0715041{col 26}{space 2}
.0008887{col 37}{space 1}  -80.46{col 46}{space 3}0.000{col 54}{space 4}
-.073299{col 67}{space 3}-.0697093
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2}-.0832175{col 26}{space 2}
.0013499{col 37}{space 1}  -61.65{col 46}{space 3}0.000{col 54}{space
4}-.0859437{col 67}{space 3}-.0804912
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2}-.0524747{col 26}{space 2}
.0004789{col 37}{space 1} -109.58{col 46}{space 3}0.000{col 54}{space
4}-.0534418{col 67}{space 3}-.0515075
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2}-.0658327{col 26}{space 2}
.0032136{col 37}{space 1}  -20.49{col 46}{space 3}0.000{col 54}{space
4}-.0723227{col 67}{space 3}-.0593427
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0032159{col 26}{space 2}
.000505{col 37}{space 1}   -6.37{col 46}{space 3}0.000{col 54}{space 4}-.0042357{col
67}{space 3} -.002196
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2}-.0121677{col 26}{space 2}
.0019318{col 37}{space 1}   -6.30{col 46}{space 3}0.000{col 54}{space
4}-.0160691{col 67}{space 3}-.0082664
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2}  .039557{col 26}{space 2}
.0018388{col 37}{space 1}   21.51{col 46}{space 3}0.000{col 54}{space 4}
.0358434{col 67}{space 3} .0432705
{txt}{space 2}_Istate_20 {c |}{col 14}{res}{space 2}-.0072069{col 26}{space 2}
.0028716{col 37}{space 1}   -2.51{col 46}{space 3}0.016{col 54}{space
4}-.0130062{col 67}{space 3}-.0014076
```

{txt}{space 2}_Istate_21 {c |}{col 14}{res}{space 2}-.0383379{col 26}{space 2}
.0012942{col 37}{space 1} -29.62{col 46}{space 3}0.000{col 54}{space
4}-.0409515{col 67}{space 3}-.0357243
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2} -.062109{col 26}{space 2}
.000938{col 37}{space 1} -66.21{col 46}{space 3}0.000{col 54}{space 4}-.0640034{col
67}{space 3}-.0602146
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2}-.1040117{col 26}{space 2}
.0025157{col 37}{space 1} -41.35{col 46}{space 3}0.000{col 54}{space
4}-.1090922{col 67}{space 3}-.0989311
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2} .0454589{col 26}{space 2}
.0012565{col 37}{space 1}   36.18{col 46}{space 3}0.000{col 54}{space 4}
.0429214{col 67}{space 3} .0479964
{txt}{space 2}_Istate_25 {c |}{col 14}{res}{space 2} .0150318{col 26}{space 2}
.000758{col 37}{space 1}   19.83{col 46}{space 3}0.000{col 54}{space 4} .0135009{col
67}{space 3} .0165627
{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2} -.010724{col 26}{space 2}
.0007097{col 37}{space 1} -15.11{col 46}{space 3}0.000{col 54}{space
4}-.0121573{col 67}{space 3}-.0092907
{txt}{space 2}_Istate_28 {c |}{col 14}{res}{space 2}-.0654708{col 26}{space 2}
.0014425{col 37}{space 1} -45.39{col 46}{space 3}0.000{col 54}{space 4}
-.068384{col 67}{space 3}-.0625576
{txt}{space 2}_Istate_29 {c |}{col 14}{res}{space 2}-.0479327{col 26}{space 2}
.0015055{col 37}{space 1} -31.84{col 46}{space 3}0.000{col 54}{space
4}-.0509731{col 67}{space 3}-.0448922
{txt}{space 2}_Istate_30 {c |}{col 14}{res}{space 2}-.0759967{col 26}{space 2}
.002458{col 37}{space 1} -30.92{col 46}{space 3}0.000{col 54}{space 4}-.0809608{col
67}{space 3}-.0710326
{txt}{space 2}_Istate_31 {c |}{col 14}{res}{space 2}-.0006679{col 26}{space 2}
.0034356{col 37}{space 1}   -0.19{col 46}{space 3}0.847{col 54}{space
4}-.0076062{col 67}{space 3} .0062705
{txt}{space 2}_Istate_32 {c |}{col 14}{res}{space 2} .0298786{col 26}{space 2}
.0007224{col 37}{space 1}   41.36{col 46}{space 3}0.000{col 54}{space 4}
.0284197{col 67}{space 3} .0313374
{txt}{space 2}_Istate_33 {c |}{col 14}{res}{space 2} .0153071{col 26}{space 2}
.003688{col 37}{space 1}   4.15{col 46}{space 3}0.000{col 54}{space 4} .007859{col
67}{space 3} .0227551
{txt}{space 2}_Istate_34 {c |}{col 14}{res}{space 2}-.0088392{col 26}{space 2}
.0007888{col 37}{space 1} -11.21{col 46}{space 3}0.000{col 54}{space
4}-.0104322{col 67}{space 3}-.0072461
{txt}{space 2}_Istate_35 {c |}{col 14}{res}{space 2}-.1331257{col 26}{space 2}
.0013752{col 37}{space 1} -96.80{col 46}{space 3}0.000{col 54}{space 4}
-.135903{col 67}{space 3}-.1303484
{txt}{space 2}_Istate_37 {c |}{col 14}{res}{space 2}-.0604744{col 26}{space 2}
.0003589{col 37}{space 1} -168.48{col 46}{space 3}0.000{col 54}{space
4}-.0611993{col 67}{space 3}-.0597495
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2} .0973812{col 26}{space 2}
.0020634{col 37}{space 1}   47.20{col 46}{space 3}0.000{col 54}{space 4}
.0932141{col 67}{space 3} .1015482
{txt}{space 2}_Istate_39 {c |}{col 14}{res}{space 2}-.0131606{col 26}{space 2}
.0007642{col 37}{space 1} -17.22{col 46}{space 3}0.000{col 54}{space
4}-.0147039{col 67}{space 3}-.0116174
{txt}{space 2}_Istate_40 {c |}{col 14}{res}{space 2}-.0881122{col 26}{space 2}
.0015219{col 37}{space 1} -57.90{col 46}{space 3}0.000{col 54}{space
4}-.0911858{col 67}{space 3}-.0850387
{txt}{space 2}_Istate_41 {c |}{col 14}{res}{space 2}-.0325502{col 26}{space 2}
.0007969{col 37}{space 1} -40.85{col 46}{space 3}0.000{col 54}{space
4}-.0341595{col 67}{space 3}-.0309408
{txt}{space 2}_Istate_42 {c |}{col 14}{res}{space 2} .0262378{col 26}{space 2}
.0017842{col 37}{space 1}   14.71{col 46}{space 3}0.000{col 54}{space 4}
.0226345{col 67}{space 3} .029841
{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2}   0{col 26}{txt}
(omitted)
{space 2}_Istate_45 {c |}{col 14}{res}{space 2}-.0497769{col 26}{space 2}

.0004938{col 37}{space 1} -100.81{col 46}{space 3}0.000{col 54}{space
4}-.0507741{col 67}{space 3}-.0487797
{txt}{space 2}_Istate_46 {c |}{col 14}{res}{space 2} .0037629{col 26}{space 2}
.0028934{col 37}{space 1}   1.30{col 46}{space 3}0.201{col 54}{space
4}-.0020804{col 67}{space 3} .0096061
{txt}{space 2}_Istate_47 {c |}{col 14}{res}{space 2}-.0422447{col 26}{space 2}
.0012312{col 37}{space 1} -34.31{col 46}{space 3}0.000{col 54}{space
4}-.0447311{col 67}{space 3}-.0397582
{txt}{space 2}_Istate_48 {c |}{col 14}{res}{space 2}-.1264847{col 26}{space 2}
.0027534{col 37}{space 1} -45.94{col 46}{space 3}0.000{col 54}{space
4}-.1320453{col 67}{space 3}-.1209242
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2} .0116412{col 26}{space 2}
.0026362{col 37}{space 1}   4.42{col 46}{space 3}0.000{col 54}{space 4}
.0063172{col 67}{space 3} .0169652
{txt}{space 2}_Istate_51 {c |}{col 14}{res}{space 2} .0152284{col 26}{space 2}
.0013666{col 37}{space 1}   11.14{col 46}{space 3}0.000{col 54}{space 4}
.0124684{col 67}{space 3} .0179884
{txt}{space 2}_Istate_53 {c |}{col 14}{res}{space 2}-.0022351{col 26}{space 2}
.0006678{col 37}{space 1}   -3.35{col 46}{space 3}0.002{col 54}{space
4}-.0035837{col 67}{space 3}-.0008864
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2}-.0578364{col 26}{space 2}
.0015849{col 37}{space 1} -36.49{col 46}{space 3}0.000{col 54}{space
4}-.0610372{col 67}{space 3}-.0546357
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2} .0339431{col 26}{space 2}
.00113{col 37}{space 1}   30.04{col 46}{space 3}0.000{col 54}{space 4} .0316609{col
67}{space 3} .0362252
{txt}{space 2}_Istate_56 {c |}{col 14}{res}{space 2} -.033552{col 26}{space 2}
.0040503{col 37}{space 1}   -8.28{col 46}{space 3}0.000{col 54}{space
4}-.0417317{col 67}{space 3}-.0253723
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2}-.0394135{col 26}{space 2}
.0065987{col 37}{space 1}   -5.97{col 46}{space 3}0.000{col 54}{space
4}-.0527398{col 67}{space 3}-.0260872
{txt}{space 6}female {c |}{col 14}{res}{space 2} .0287107{col 26}{space 2}
.0023326{col 37}{space 1}   12.31{col 46}{space 3}0.000{col 54}{space 4}
.0239999{col 67}{space 3} .0334215
{txt}{space 5}married {c |}{col 14}{res}{space 2} .2175921{col 26}{space 2}
.0105118{col 37}{space 1}   20.70{col 46}{space 3}0.000{col 54}{space 4}
.1963631{col 67}{space 3} .2388212
{txt}{space 8}educ {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat1 {c |}{col 14}{res}{space 2}   -.0019{col 26}{space 2} .005593{col
37}{space 1}   -0.34{col 46}{space 3}0.736{col 54}{space 4}-.0131954{col 67}{space
3} .0093953
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}   0{col 26}{txt} (omitted)
{space 5}agecat3 {c |}{col 14}{res}{space 2} .0070599{col 26}{space 2} .005144{col
37}{space 1}   1.37{col 46}{space 3}0.177{col 54}{space 4}-.0033286{col 67}{space
3} .0174484
{txt}{space 5}agecat4 {c |}{col 14}{res}{space 2} .0288227{col 26}{space 2}
.004517{col 37}{space 1}   6.38{col 46}{space 3}0.000{col 54}{space 4} .0197004{col
67}{space 3} .037945
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2} .0672023{col 26}{space 2}
.0070544{col 37}{space 1}   9.53{col 46}{space 3}0.000{col 54}{space 4}
.0529557{col 67}{space 3} .081449
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2} .1013489{col 26}{space 2}
.0075273{col 37}{space 1}   13.46{col 46}{space 3}0.000{col 54}{space 4}
.0861473{col 67}{space 3} .1165506
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2} .1321733{col 26}{space 2}
.0086615{col 37}{space 1}   15.26{col 46}{space 3}0.000{col 54}{space 4}
.114681{col 67}{space 3} .1496656
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2} .1560578{col 26}{space 2}
.0129292{col 37}{space 1}   12.07{col 46}{space 3}0.000{col 54}{space 4}
.1299469{col 67}{space 3} .1821688
{txt}{space 9}emp {c |}{col 14}{res}{space 2} .3097989{col 26}{space 2} .0101272{col
37}{space 1}   30.59{col 46}{space 3}0.000{col 54}{space 4} .2893465{col 67}{space

3} .3302512
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *4. emp
. xi: regress emp DID_* _201* i.state `demographics' if educ==0, nocons
cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_44 omitted because of collinearity
note: educ omitted because of collinearity
note: agecat2 omitted because of collinearity

Linear regression   Number of obs   = {res}   309,007
                                                {txt}{help j_robustsingular:F(16,
41) }   = {res}   .
                                                {txt}Prob > F   = {res}
  .
                                                {txt}R-squared   = {res}
0.4900
                                                {txt}Root MSE   =   {res}
.48023

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}   Robust
{col 1}   emp{col 14}{c |}   Coef.{col 26}   Std. Err.{col 38}   t{col
46}   P>|t|{col 54}   [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .0821463{col 26}{space 2} .0027554{col
37}{space 1}   29.81{col 46}{space 3}0.000{col 54}{space 4} .0765816{col 67}{space
3} .087711
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .0920079{col 26}{space 2}
.0037462{col 37}{space 1}   24.56{col 46}{space 3}0.000{col 54}{space 4}
.0844423{col 67}{space 3} .0995735
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .0879344{col 26}{space 2}
.003617{col 37}{space 1}   24.31{col 46}{space 3}0.000{col 54}{space 4} .0806297{col
67}{space 3} .0952392
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .0896144{col 26}{space 2}
.0039622{col 37}{space 1}   22.62{col 46}{space 3}0.000{col 54}{space 4}
.0816126{col 67}{space 3} .0976162
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .4195214{col 26}{space 2}
.0068129{col 37}{space 1}   61.58{col 46}{space 3}0.000{col 54}{space 4}
.4057626{col 67}{space 3} .4332803
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .4180752{col 26}{space 2}
.0072702{col 37}{space 1}   57.51{col 46}{space 3}0.000{col 54}{space 4}
.4033928{col 67}{space 3} .4327577
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .4336271{col 26}{space 2}
.0089517{col 37}{space 1}   48.44{col 46}{space 3}0.000{col 54}{space 4}
.4155488{col 67}{space 3} .4517055
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .4438343{col 26}{space 2}
.0104025{col 37}{space 1}   42.67{col 46}{space 3}0.000{col 54}{space 4}
.4228261{col 67}{space 3} .4648425
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2} .0634796{col 26}{space 2}
.0027693{col 37}{space 1}   22.92{col 46}{space 3}0.000{col 54}{space 4}
.0578869{col 67}{space 3} .0690723
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2}-.0429437{col 26}{space 2}
.0005605{col 37}{space 1} -76.62{col 46}{space 3}0.000{col 54}{space
4}-.0440756{col 67}{space 3}-.0418118
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2} .0499745{col 26}{space 2}
.0014813{col 37}{space 1}   33.74{col 46}{space 3}0.000{col 54}{space 4}
.0469829{col 67}{space 3} .052966
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2} .1033738{col 26}{space 2}
.000526{col 37}{space 1} 196.54{col 46}{space 3}0.000{col 54}{space 4} .1023116{col

67}{space 3} .104436
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2} .0541264{col 26}{space 2}
.0005394{col 37}{space 1} 100.34{col 46}{space 3}0.000{col 54}{space 4}
.053037{col 67}{space 3} .0552158
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2} .1141365{col 26}{space 2}
.0020605{col 37}{space 1}   55.39{col 46}{space 3}0.000{col 54}{space 4}
.1099753{col 67}{space 3} .1182978
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2} .0000448{col 26}{space 2}
.0006502{col 37}{space 1}   0.07{col 46}{space 3}0.945{col 54}{space
4}-.0012683{col 67}{space 3} .0013579
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2} .0635863{col 26}{space 2}
.0016973{col 37}{space 1}   37.46{col 46}{space 3}0.000{col 54}{space 4}
.0601586{col 67}{space 3} .067014
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2} .0396727{col 26}{space 2}
.0013907{col 37}{space 1}   28.53{col 46}{space 3}0.000{col 54}{space 4}
.0368642{col 67}{space 3} .0424813
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.1667453{col 67}{space 3} .1728615
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.0408127{col 67}{space 3} .0452712
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-.00154{col 67}{space 3} .0085001
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67}{space 3} .0185376
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.0966468{col 67}{space 3} .1008573
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(omitted)
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.0099653{col 67}{space 3} .0142886
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67}{space 3} .1549506
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.1051053{col 67}{space 3} .1057366
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67}{space 3}-.0005098
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.0329332{col 67}{space 3} .0358825
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{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2}-.0056989{col 26}{space 2}
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4}-.0219822{col 67}{space 3} .0105844
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67}{space 3}-.1065734
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.0069496{col 37}{space 1}   22.55{col 46}{space 3}0.000{col 54}{space 4}
.1426878{col 67}{space 3} .1707577
{txt}{space 8}educ {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 5}agecat1 {c |}{col 14}{res}{space 2} .0128072{col 26}{space 2} .0080557{col
37}{space 1}    1.59{col 46}{space 3}0.120{col 54}{space 4}-.0034616{col 67}{space
3}  .029076
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 5}agecat3 {c |}{col 14}{res}{space 2} .0002024{col 26}{space 2} .0065168{col
```

37}{space 1}   0.03{col 46}{space 3}0.975{col 54}{space 4}-.0129587{col 67}{space
3} .0133634
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4}-.0271063{col 67}{space 3}-.0056268
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67}{space 3}-.0225281
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67}{space 3}-.0504429
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2}-.1050688{col 26}{space 2}
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4}-.1164002{col 67}{space 3}-.0937374
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2}-.2240668{col 26}{space 2}
.0067807{col 37}{space 1} -33.04{col 46}{space 3}0.000{col 54}{space
4}-.2377608{col 67}{space 3}-.2103729
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *5. emp30hrs
. xi: regress emp30hrs DID_* _201* i.state `demographics' if educ==0, nocons
cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_44 omitted because of collinearity
note: educ omitted because of collinearity
note: agecat2 omitted because of collinearity

Linear regression   Number of obs   = {res}   309,007
                                                {txt}{help j_robustsingular:F(16,
41) }   = {res}   .
                                                {txt}Prob > F   = {res}
  .
                                                {txt}R-squared   = {res}
0.4340
                                                {txt}Root MSE   =   {res}
.46702

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}   Robust
{col 1}   emp30hrs{col 14}{c |}   Coef.{col 26}   Std. Err.{col 38}   t{col
46}   P>|t|{col 54}   [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .0620633{col 26}{space 2} .0027973{col
37}{space 1}   22.19{col 46}{space 3}0.000{col 54}{space 4} .0564141{col 67}{space
3} .0677125
{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .0645907{col 26}{space 2}
.0031501{col 37}{space 1}   20.50{col 46}{space 3}0.000{col 54}{space 4}
.0582289{col 67}{space 3} .0709524
{txt}{space 6}DID_13 {c |}{col 14}{res}{space 2} .066229{col 26}{space 2}
.0032464{col 37}{space 1}   20.40{col 46}{space 3}0.000{col 54}{space 4}
.0596729{col 67}{space 3} .0727851
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.003991{col 37}{space 1}   17.10{col 46}{space 3}0.000{col 54}{space 4} .0601735{col
67}{space 3} .0762936
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.0085451{col 37}{space 1}   44.23{col 46}{space 3}0.000{col 54}{space 4}
.3606653{col 67}{space 3} .3951795
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.3622543{col 67}{space 3} .3997254
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.0104932{col 37}{space 1}   37.37{col 46}{space 3}0.000{col 54}{space 4}
.3709303{col 67}{space 3} .4133133
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.377637{col 67}{space 3} .4283761
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.0332583{col 67}{space 3} .0436973
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4}-.0297922{col 67}{space 3}-.0271553
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.0366889{col 67}{space 3} .0415255
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.0793608{col 67}{space 3} .0810367
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.0449868{col 67}{space 3} .0468924
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.0901114{col 67}{space 3} .0973277
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0010729{col 26}{space 2}
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4}-.0019971{col 67}{space 3}-.0001488
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.001373{col 37}{space 1}   32.59{col 46}{space 3}0.000{col 54}{space 4} .0419759{col
67}{space 3} .0475215
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.001199{col 37}{space 1}   16.45{col 46}{space 3}0.000{col 54}{space 4} .0173038{col
67}{space 3} .0221465
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.1371085{col 67}{space 3} .1420001
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4}-.1103873{col 67}{space 3}-.1048561
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.0260915{col 67}{space 3} .0302929
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4}-.0170178{col 67}{space 3}-.0090885
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.0476563{col 67}{space 3} .0529075
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-.01982{col 67}{space 3}-.0183893
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4}-.0216377{col 67}{space 3}-.0182736
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.0082106{col 67}{space 3} .0129312
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.027926{col 67}{space 3} .0325706
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.0879737{col 67}{space 3} .0928557
{txt}{space 2}_Istate_31 {c |}{col 14}{res}{space 2} .1754897{col 26}{space 2}

.0012547{col 37}{space 1} 139.87{col 46}{space 3}0.000{col 54}{space 4}
.1729558{col 67}{space 3} .1780236
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.1058699{col 67}{space 3} .1137318
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67}{space 3}-.0364069
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.0241674{col 67}{space 3} .0264676
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2} .0906506{col 26}{space 2}
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.0890139{col 67}{space 3} .0922873
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4}-.0476248{col 67}{space 3}-.0459959
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.0653494{col 67}{space 3} .0681713
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4}-.0127489{col 67}{space 3}-.0099811
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(omitted)
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.1312411{col 67}{space 3} .135492
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.1059479{col 67}{space 3} .1110479
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.0231651{col 67}{space 3} .0257683
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.0016342{col 37}{space 1}   96.30{col 46}{space 3}0.000{col 54}{space 4}

```
.1540738{col 67}{space 3} .1606747
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2} -.006445{col 26}{space 2}
.006417{col 37}{space 1}   -1.00{col 46}{space 3}0.321{col 54}{space 4}-.0194045{col
67}{space 3} .0065145
{txt}{space 6}female {c |}{col 14}{res}{space 2}-.1572561{col 26}{space 2}
.0101039{col 37}{space 1}  -15.56{col 46}{space 3}0.000{col 54}{space
4}-.1776612{col 67}{space 3}-.1368509
{txt}{space 5}married {c |}{col 14}{res}{space 2} .1619686{col 26}{space 2}
.0073801{col 37}{space 1}   21.95{col 46}{space 3}0.000{col 54}{space 4}
.1470641{col 67}{space 3}  .176873
{txt}{space 8}educ {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 5}agecat1 {c |}{col 14}{res}{space 2} .0103397{col 26}{space 2} .0078271{col
37}{space 1}    1.32{col 46}{space 3}0.194{col 54}{space 4}-.0054673{col 67}{space
3} .0261468
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 5}agecat3 {c |}{col 14}{res}{space 2} .0017895{col 26}{space 2} .0054824{col
37}{space 1}    0.33{col 46}{space 3}0.746{col 54}{space 4}-.0092824{col 67}{space
3} .0128613
{txt}{space 5}agecat4 {c |}{col 14}{res}{space 2}-.0122238{col 26}{space 2}
.004483{col 37}{space 1}   -2.73{col 46}{space 3}0.009{col 54}{space 4}-.0212774{col
67}{space 3}-.0031702
{txt}{space 5}agecat5 {c |}{col 14}{res}{space 2}-.0263565{col 26}{space 2}
.0046466{col 37}{space 1}   -5.67{col 46}{space 3}0.000{col 54}{space
4}-.0357405{col 67}{space 3}-.0169725
{txt}{space 5}agecat6 {c |}{col 14}{res}{space 2}-.0558079{col 26}{space 2}
.0052978{col 37}{space 1}  -10.53{col 46}{space 3}0.000{col 54}{space 4}
-.066507{col 67}{space 3}-.0451087
{txt}{space 5}agecat7 {c |}{col 14}{res}{space 2}-.0960521{col 26}{space 2}
.0065537{col 37}{space 1}  -14.66{col 46}{space 3}0.000{col 54}{space
4}-.1092875{col 67}{space 3}-.0828167
{txt}{space 5}agecat8 {c |}{col 14}{res}{space 2}-.2139557{col 26}{space 2}
.0079888{col 37}{space 1}  -26.78{col 46}{space 3}0.000{col 54}{space
4}-.2300895{col 67}{space 3}-.1978219
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
. *6. self-employed
. xi: regress selfemp DID_* _201* i.state `demographics' if educ==0, nocons
cluster(state)
{txt}i.state{col 19}_Istate_1-56{col 39}(naturally coded; _Istate_1 omitted)
note: _Istate_44 omitted because of collinearity
note: educ omitted because of collinearity
note: agecat2 omitted because of collinearity

Linear regression                               Number of obs     = {res}   309,007
                                                {txt}{help j_robustsingular:F(16,
41) }        =  {res}        .
                                                {txt}Prob > F          = {res}
  .
                                                {txt}R-squared         = {res}
0.0723
                                                {txt}Root MSE          =    {res}
.23114

{txt}{ralign 78:(Std. Err. adjusted for {res:42} clusters in state)}
{hline 13}{c TT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{col 14}{c |}{col 26}    Robust
{col 1}     selfemp{col 14}{c |}      Coef.{col 26}   Std. Err.{col 38}      t{col
46}   P>|t|{col 54}     [95% Con{col 67}f. Interval]
{hline 13}{c +}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{space 6}DID_11 {c |}{col 14}{res}{space 2} .0003185{col 26}{space 2} .0012604{col
37}{space 1}    0.25{col 46}{space 3}0.802{col 54}{space 4}-.0022268{col 67}{space
3} .0028639
```

{txt}{space 6}DID_12 {c |}{col 14}{res}{space 2} .0027282{col 26}{space 2}
.001578{col 37}{space 1}   1.73{col 46}{space 3}0.091{col 54}{space 4}-.0004586{col
67}{space 3} .0059149
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.0016612{col 37}{space 1}   1.85{col 46}{space 3}0.072{col 54}{space
4}-.0002879{col 67}{space 3} .0064218
{txt}{space 6}DID_14 {c |}{col 14}{res}{space 2} .0005942{col 26}{space 2}
.0017319{col 37}{space 1}   0.34{col 46}{space 3}0.733{col 54}{space
4}-.0029036{col 67}{space 3} .0040919
{txt}{space 7}_2011 {c |}{col 14}{res}{space 2} .0372375{col 26}{space 2}
.0021373{col 37}{space 1}   17.42{col 46}{space 3}0.000{col 54}{space 4}
.0329211{col 67}{space 3} .0415539
{txt}{space 7}_2012 {c |}{col 14}{res}{space 2} .0381687{col 26}{space 2}
.0017673{col 37}{space 1}   21.60{col 46}{space 3}0.000{col 54}{space 4}
.0345996{col 67}{space 3} .0417378
{txt}{space 7}_2013 {c |}{col 14}{res}{space 2} .0362055{col 26}{space 2}
.0024484{col 37}{space 1}   14.79{col 46}{space 3}0.000{col 54}{space 4}
.0312607{col 67}{space 3} .0411502
{txt}{space 7}_2014 {c |}{col 14}{res}{space 2} .0429886{col 26}{space 2}
.0026342{col 37}{space 1}   16.32{col 46}{space 3}0.000{col 54}{space 4}
.0376687{col 67}{space 3} .0483085
{txt}{space 3}_Istate_2 {c |}{col 14}{res}{space 2} .0016308{col 26}{space 2}
.0007936{col 37}{space 1}   2.05{col 46}{space 3}0.046{col 54}{space 4}
.0000281{col 67}{space 3} .0032335
{txt}{space 3}_Istate_5 {c |}{col 14}{res}{space 2} .0089718{col 26}{space 2}
.0001066{col 37}{space 1}   84.13{col 46}{space 3}0.000{col 54}{space 4}
.0087564{col 67}{space 3} .0091872
{txt}{space 3}_Istate_6 {c |}{col 14}{res}{space 2} .0279676{col 26}{space 2}
.0006249{col 37}{space 1}   44.76{col 46}{space 3}0.000{col 54}{space 4}
.0267057{col 67}{space 3} .0292296
{txt}{space 2}_Istate_12 {c |}{col 14}{res}{space 2} .0306803{col 26}{space 2}
.0002316{col 37}{space 1} 132.46{col 46}{space 3}0.000{col 54}{space 4}
.0302125{col 67}{space 3} .031148
{txt}{space 2}_Istate_13 {c |}{col 14}{res}{space 2} .0118952{col 26}{space 2}
.0001885{col 37}{space 1}   63.11{col 46}{space 3}0.000{col 54}{space 4}
.0115145{col 67}{space 3} .0122758
{txt}{space 2}_Istate_16 {c |}{col 14}{res}{space 2} .0081943{col 26}{space 2}
.0008465{col 37}{space 1}   9.68{col 46}{space 3}0.000{col 54}{space 4}
.0064848{col 67}{space 3} .0099038
{txt}{space 2}_Istate_17 {c |}{col 14}{res}{space 2}-.0049847{col 26}{space 2}
.000298{col 37}{space 1} -16.73{col 46}{space 3}0.000{col 54}{space 4}-.0055866{col
67}{space 3}-.0043829
{txt}{space 2}_Istate_18 {c |}{col 14}{res}{space 2} -.009339{col 26}{space 2}
.000715{col 37}{space 1} -13.06{col 46}{space 3}0.000{col 54}{space 4}-.0107829{col
67}{space 3}-.0078951
{txt}{space 2}_Istate_19 {c |}{col 14}{res}{space 2} .0012562{col 26}{space 2}
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.0001025{col 67}{space 3} .0024099
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.0129598{col 67}{space 3} .0159061
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.0005432{col 37}{space 1} -29.73{col 46}{space 3}0.000{col 54}{space
4}-.0172468{col 67}{space 3}-.0150526
{txt}{space 2}_Istate_22 {c |}{col 14}{res}{space 2} .0041626{col 26}{space 2}
.0003466{col 37}{space 1}   12.01{col 46}{space 3}0.000{col 54}{space 4}
.0034626{col 67}{space 3} .0048626
{txt}{space 2}_Istate_23 {c |}{col 14}{res}{space 2} .0368355{col 26}{space 2}
.0011557{col 37}{space 1}   31.87{col 46}{space 3}0.000{col 54}{space 4}
.0345014{col 67}{space 3} .0391695
{txt}{space 2}_Istate_24 {c |}{col 14}{res}{space 2} .0126787{col 26}{space 2}
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.0112578{col 67}{space 3} .0140996

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4}-.0049951{col 67}{space 3}-.0041893
{txt}{space 2}_Istate_26 {c |}{col 14}{res}{space 2}-.0039793{col 26}{space 2}
.0004543{col 37}{space 1}   -8.76{col 46}{space 3}0.000{col 54}{space
4}-.0048967{col 67}{space 3}-.0030619
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.0006037{col 37}{space 1}   4.28{col 46}{space 3}0.000{col 54}{space 4}
.0013649{col 67}{space 3} .0038035
{txt}{space 2}_Istate_29 {c |}{col 14}{res}{space 2}-.0007259{col 26}{space 2}
.0005682{col 37}{space 1}   -1.28{col 46}{space 3}0.209{col 54}{space
4}-.0018733{col 67}{space 3} .0004216
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.042262{col 67}{space 3} .0450762
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.0130272{col 67}{space 3} .016135
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.0000787{col 67}{space 3} .001623
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.0094912{col 67}{space 3} .0120988
{txt}{space 2}_Istate_37 {c |}{col 14}{res}{space 2} .0065108{col 26}{space 2}
.0000984{col 37}{space 1}   66.16{col 46}{space 3}0.000{col 54}{space 4}
.006312{col 67}{space 3} .0067096
{txt}{space 2}_Istate_38 {c |}{col 14}{res}{space 2} .0398947{col 26}{space 2}
.000559{col 37}{space 1}   71.37{col 46}{space 3}0.000{col 54}{space 4} .0387658{col
67}{space 3} .0410236
{txt}{space 2}_Istate_39 {c |}{col 14}{res}{space 2}-.0104999{col 26}{space 2}
.0000896{col 37}{space 1} -117.12{col 46}{space 3}0.000{col 54}{space
4}-.0106809{col 67}{space 3}-.0103188
{txt}{space 2}_Istate_40 {c |}{col 14}{res}{space 2} .0055575{col 26}{space 2}
.000265{col 37}{space 1}   20.97{col 46}{space 3}0.000{col 54}{space 4} .0050224{col
67}{space 3} .0060927
{txt}{space 2}_Istate_41 {c |}{col 14}{res}{space 2} .0090971{col 26}{space 2}
.0002529{col 37}{space 1}   35.98{col 46}{space 3}0.000{col 54}{space 4}
.0085864{col 67}{space 3} .0096077
{txt}{space 2}_Istate_42 {c |}{col 14}{res}{space 2} .0048353{col 26}{space 2}
.0005801{col 37}{space 1}   8.33{col 46}{space 3}0.000{col 54}{space 4}
.0036637{col 67}{space 3} .0060069
{txt}{space 2}_Istate_44 {c |}{col 14}{res}{space 2}   0{col 26}{txt}
(omitted)
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.0001964{col 37}{space 1}   3.68{col 46}{space 3}0.001{col 54}{space 4}
.0003266{col 67}{space 3} .0011198
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.0006846{col 37}{space 1}   60.86{col 46}{space 3}0.000{col 54}{space 4}
.0402765{col 67}{space 3} .0430414
{txt}{space 2}_Istate_47 {c |}{col 14}{res}{space 2} .0028416{col 26}{space 2}
.0004974{col 37}{space 1}   5.71{col 46}{space 3}0.000{col 54}{space 4}
.0018372{col 67}{space 3} .003846
{txt}{space 2}_Istate_48 {c |}{col 14}{res}{space 2} .0219091{col 26}{space 2}
.0003573{col 37}{space 1}   61.31{col 46}{space 3}0.000{col 54}{space 4}
.0211874{col 67}{space 3} .0226307
{txt}{space 2}_Istate_49 {c |}{col 14}{res}{space 2} .0013939{col 26}{space 2}

```
.0006894{col 37}{space 1}    2.02{col 46}{space 3}0.050{col 54}{space 4}
1.55e-06{col 67}{space 3} .0027862
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.0000634{col 37}{space 1}  221.01{col 46}{space 3}0.000{col 54}{space 4}
.0138818{col 67}{space 3} .0141379
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.0002003{col 37}{space 1}    5.25{col 46}{space 3}0.000{col 54}{space 4}
.0006477{col 67}{space 3} .0014566
{txt}{space 2}_Istate_54 {c |}{col 14}{res}{space 2}-.0244113{col 26}{space 2}
.0007052{col 37}{space 1}  -34.62{col 46}{space 3}0.000{col 54}{space
4}-.0258354{col 67}{space 3}-.0229872
{txt}{space 2}_Istate_55 {c |}{col 14}{res}{space 2} .0142744{col 26}{space 2}
.0003621{col 37}{space 1}   39.42{col 46}{space 3}0.000{col 54}{space 4}
.013543{col 67}{space 3} .0150057
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.0009825{col 37}{space 1}   27.37{col 46}{space 3}0.000{col 54}{space 4}
.0249084{col 67}{space 3} .0288766
{txt}{space 4}nonwhite {c |}{col 14}{res}{space 2}-.0151136{col 26}{space 2}
.003254{col 37}{space 1}   -4.64{col 46}{space 3}0.000{col 54}{space 4}-.0216851{col
67}{space 3} -.008542
{txt}{space 6}female {c |}{col 14}{res}{space 2}-.0342459{col 26}{space 2}
.0024803{col 37}{space 1}  -13.81{col 46}{space 3}0.000{col 54}{space
4}-.0392549{col 67}{space 3}-.0292368
{txt}{space 5}married {c |}{col 14}{res}{space 2} .0315147{col 26}{space 2}
.0017974{col 37}{space 1}   17.53{col 46}{space 3}0.000{col 54}{space 4}
.0278848{col 67}{space 3} .0351445
{txt}{space 8}educ {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 5}agecat1 {c |}{col 14}{res}{space 2}-.0004123{col 26}{space 2} .0043868{col
37}{space 1}   -0.09{col 46}{space 3}0.926{col 54}{space 4}-.0092717{col 67}{space
3} .0084471
{txt}{space 5}agecat2 {c |}{col 14}{res}{space 2}        0{col 26}{txt}  (omitted)
{space 5}agecat3 {c |}{col 14}{res}{space 2} .0092466{col 26}{space 2} .0015466{col
37}{space 1}    5.98{col 46}{space 3}0.000{col 54}{space 4} .0061232{col 67}{space
3}   .01237
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.0024749{col 37}{space 1}    8.56{col 46}{space 3}0.000{col 54}{space 4}
.0161976{col 67}{space 3} .0261941
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4}-.0029691{col 67}{space 3} .0048594
{txt}{hline 13}{c BT}{hline 11}{hline 11}{hline 9}{hline 8}{hline 13}{hline 12}
{res}{txt}
{com}.
.
. log close
      {txt}name:  {res}<unnamed>
       {txt}log:  {res}U:\Midterm\midterm_log.txt
  {txt}log type:  {res}smcl
 {txt}closed on:  {res}31 Oct 2016, 15:30:17
{txt}{.-}
{smcl}
{txt}{sf}{ul off}
```

Section III:
STATA do-file

(included only for reference)

```
1   ***************
2   *MIDTERM - code
3   ***************
4
5   *Nivedita Vatsa (nkv4)
6
7   clear
8   set matsize 11000
9   set more off
10
11  *set working directory
12  cd "U:\Midterm"
13
14  *saving a log-file
15  log using midterm_log.txt, replace
16
17  *import data
18  use ACA_emp2.dta, replace
19
20  ****************************
21  *SECTION I: EXPLORE THE DATA
22  ****************************
23
24  *1. understanding the (i) inc_limit_childless, (ii) childless_eligible,
25  *and (iii) state_expansion variables
26  preserve
27  collapse(mean) inc_limit_childless childless_eligible expansion_state, by(state year)
28  list state year inc* child* state*, sepby(state)
29  list state inc* child* exp* if year==2014
30  restore
31
32  *It appears that in 2014, states either adopted a 138% limit or
33  *did not make childless adults eligible (i.e. 0% limit)
34  *Wisconsin is the only exception with a limit of 100%.
35  *For this reason, I am not going to focus on this variable
36  *and instead just focus on the expansion/non-expansion distinction
37  *between states.
38
39  *2. saving a collapsed version of the data for easier analysis
40
41  *by state and year
42  preserve
43  collapse(mean) inc_limit_childless-inc_belowfpl, by(state year)
44  save collapsed_data.dta, replace
45  restore
46
47  *by treatment group and year
48  preserve
49  order(state year expansion state)
50  collapse(mean) inc_limit_childless-inc_belowfpl, by(expansion_state year)
51  save collapsed_group_data.dta,replace
52  restore
53
54  *3. comparing the control and treatment groups
55  use collapsed_data.dta, replace
56
57  *(a) comparing health insurance coverage before 2014
58  ttest hicov if year!=2014,by(expansion_state) unequal level(95)
59  ttest pubcov if year!=2014,by(expansion_state) unequal level(95)
60  ttest privcov if year!=2014,by(expansion_state) unequal level(95)
61
62  *looking specifically at medicaid (and govt. support) versus
63  *employer-provided health insurance
64  ttest hins2 if year!=2014,by(expansion_state) unequal level(95)
65  ttest hins4 if year!=2014,by(expansion_state) unequal level(95)
66
67  *The two-sample t-tests show that before any state expansion,
68  *the states that later adopted the policy already had citizens with more
69  *health insurance (HI) coverage. However further t-tests show that the
70  *control group had more individuals covered by private health insurance
```

```
*(including employee-provided health insurance) compared to the treatment group.

*(b) comparing employment status coverage before 2014

*employed, employed>=30 hours (i.e. not part-time), and self-employed
ttest emp if year!=2014,by(expansion_state) unequal level(95)
ttest emp30hrs if year!=2014,by(expansion_state) unequal level(95)
ttest selfemp if year!=2014,by(expansion_state) unequal level(95)

*There is no significant difference in employment levels between the groups,
*but the control group might have slightly higher levels of unemployment
*(borderline case).

*(c) comparing whether income is below the FPL
ttest emp if year!=2014,by(expansion_state) unequal level(95)

*No significant difference

*(d) comparing some other demographic characteristics
foreach var in nonwhite female married educ{
ttest `var' if year!=2014,by(expansion_state) unequal level(95)
}

*More people in the control group are married, but on average, it appears that
*the control group overall, has fewer years of education. We can eaily control for this.

*****************************
*SECTION II: MODEL SELECTION
*****************************
*Experimenting with different models where response variable is "hicov"

use ACA_emp2.dta, replace

*year dummies - although "xi:" can generate this
*it's easier to read when they're named as I've named them
tab(year),gen(_201)

forvalues i=11(1)14{
gen DID_`i' = 0
replace DID_`i' = 1 if _20`i' ==1 & expansion_state==1
}

*Based on the graphs (in Excel) and shown in the memo,
*it looks like the common trends assumption would be appropriate.

*1. First, I treat the control stats and treatment states as a homogenous group
local demographics "nonwhite female married educ agecat*"
regress hicov DID_* _201* `demographics' emp, nocons robust

*2. Now, controlling for state-level variation (dummies)
local demographics "nonwhite female married educ agecat*"
xi: regress hicov DID_* _201* i.state `demographics' emp, nocons cluster(state)

*As expected, there is no significant difference between the two groups
*in 2011-13, and in 2014, we see a significant positive difference.

/*
*3. Now instead of looking at the differences per year, I look at
* the overall effect of the policy expasion

*a) variable indicating if and when (2014) the ACA expansion was adopted
gen event = 0
replace event = 0 if expansion_state==1 & year==2014

*b) variable indicating whether a period is 2014 (post-period v. pre)
gen pre_post = 0
replace pre_post = 1 if year==2014

*c) variable indicating whether obs is in post period and in expansion state
gen post_and_treatment = pre_post*expansion_state
```

```
141
142   *d) continuous time variables
143   *now try it with the event variable and i.year
144   gen t = 1
145   replace t = 2 if year ==2012
146   replace t = 3 if year ==2013
147   replace t = 4 if year ==2014
148   gen t_sq = t^2
149
150   *simple model
151   *xi: regress hicov event i.state i.year, nocons cluster(state)
152   *Note: This seems like the intuitively correct model, but somehow, the "event"
153   variable is omitted
154
155   I'll stick with model (2)
156   */
157
158   ************************************************
159   *SECTION III: MODELING THE EFFECTS OF ACA EXPANSION
160   ************************************************
161
162   *Part A: Insurance coverage
163   local demographics "nonwhite female married educ agecat*"
164   *1. hicov
165   xi: regress hicov DID_* _201* i.state `demographics' emp, nocons cluster(state)
166
167   *2. pubocv
168   xi: regress pubcov DID_* _201* i.state `demographics' emp, nocons cluster(state)
169
170   *3. privcov
171   xi: regress privcov DID_* _201* i.state `demographics' emp, nocons cluster(state)
172
173   *fewer people on private insurance
174   *the difference between the years is statisticall significant
175   *i.e. their confidence intervals don't overlap.
176
177
178   *Part B: Employment outcomes
179   local demographics "nonwhite female married educ agecat*"
180
181   *1. emp
182   xi: regress emp DID_* _201* i.state `demographics', nocons cluster(state)
183
184   *2. emp30hrs
185   xi: regress emp30hrs DID_* _201* i.state `demographics', nocons cluster(state)
186
187   *3. self-employed
188   xi: regress selfemp DID_* _201* i.state `demographics', nocons cluster(state)
189
190   ******************************************************
191   *SECTION IV: MODELING THE EFFECTS FOR SPECIFIC SUBGROUPS
192   ******************************************************
193
194   *(i) individuals below FPL - n = 346,703
195   sum inc_belowfpl
196   display r(sum)
197
198   local demographics "nonwhite female married educ agecat*"
199   *1. hicov
200   xi: regress hicov DID_* _201* i.state `demographics' emp if inc_belowfpl==1, nocons cluster(
      state)
201
202   *2. pubocv
203   xi: regress pubcov DID_* _201* i.state `demographics' emp if inc_belowfpl==1, nocons cluster
      (state)
204
205   *3. privcov
206   xi: regress privcov DID_* _201* i.state `demographics' emp if inc_belowfpl==1, nocons
      cluster(state)
207
```

```
208   *4. emp
209   xi: regress emp DID_* _201* i.state `demographics' if inc_belowfpl==1, nocons cluster(state)
210
211   *5. emp30hrs
212   xi: regress emp30hrs DID_* _201* i.state `demographics' if inc_belowfpl==1, nocons cluster(
      state)
213
214   *6. self-employed
215   xi: regress selfemp DID_* _201* i.state `demographics' if inc_belowfpl==1, nocons cluster(
      state)
216
217
218   /*DID NOT USE THIS IN THE END
219   *(ii) individuals aged 50+ - n = 1,778,829
220   gen plus50 = 0
221   replace plus50 =1 if agecat6==1|agecat7==1|agecat8==1
222
223   sum plus60
224   display r(sum)
225
226   local demographics "nonwhite female married educ agecat*"
227   *1. hicov
228   xi: regress hicov DID_* _201* i.state `demographics' emp if plus50==1, nocons cluster(state)
229
230   *2. pubocv
231   xi: regress pubcov DID_* _201* i.state `demographics' emp if plus50==1, nocons cluster(state)
232
233   *3. privcov
234   xi: regress privcov DID_* _201* i.state `demographics' emp if plus50==1, nocons
      cluster(state)
235
236   *4. emp
237   xi: regress emp DID_* _201* i.state `demographics' if plus60==1, nocons cluster(state)
238
239   *5. emp30hrs
240   xi: regress emp30hrs DID_* _201* i.state `demographics' if plus50==1, nocons cluster(state)
241
242   *6. self-employed
243   xi: regress selfemp DID_* _201* i.state `demographics' if plus50==1, nocons cluster(state)
244   */
245
246   *(iii) individuals who are HS dropouts - n=309,007
247   sum educ if edu==0
248
249   *how many HS dropouts have jobs that provide health insurance? -- about 30% (including
      unions)
250   sum hins1 if educ==0
251   display r(sum)
252
253   *and what about non-HS dropouts? -- about 65%
254   sum hins1 if educ!=0
255   display r(sum)
256
257   local demographics "nonwhite female married educ agecat*"
258   *1. hicov
259   xi: regress hicov DID_* _201* i.state `demographics' emp if educ==0, nocons cluster(state)
260
261   *2. pubocv
262   xi: regress pubcov DID_* _201* i.state `demographics' emp if educ==0, nocons cluster(state)
263
264   *3. privcov
265   xi: regress privcov DID_* _201* i.state `demographics' emp if educ==0, nocons cluster(state)
266
267   *4. emp
268   xi: regress emp DID_* _201* i.state `demographics' if educ==0, nocons cluster(state)
269
270   *5. emp30hrs
271   xi: regress emp30hrs DID_* _201* i.state `demographics' if educ==0, nocons cluster(state)
272
273   *6. self-employed
```

```
274   xi: regress selfemp DID_* _201* i.state `demographics' if educ==0, nocons cluster(state)
275
276
277   log close
278
```