

# BFI Predoc Research | Evaluation Task Report

## Migration and Wages Across US Regions

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## 1 Summary Statistics

### 1.1 Moves Across US Regions

Table 1: Migration Between Regions

		Origin				
		Region 1	Region 2	Region 3	Region 4	All (+NA)
Count	Destination					
	Region 1	1743	252	947	380	3373
	Region 2	305	3269	859	478	4968
	Region 3	1227	1024	7163	953	10484
	Region 4	428	553	927	2519	4468
	Total	3703	5098	9896	4330	23293
Percent	Destination					
	Region 1	47.07	4.94	9.57	8.78	14.48
	Region 2	8.24	64.12	8.68	11.04	21.33
	Region 3	33.14	20.09	72.38	22.01	45.01
	Region 4	11.56	10.85	9.37	58.18	19.18
	Total	100	100	100	100	100

Most frequently, we observe within-region migration. I was able to calculate this by looking subsequent observations for an individual where urban type changes but region stays the same. This probably is an understatement of within-region moves, however, as there might be moves where neither region nor urban type change.

Out of the four regions, region 3 received the highest count of move-ins, 10484, which makes up about 45 percent of all move-ins. Region 3 also experienced highest number of move-outs, but most of those (72.4 percent) were within-region migration.

The number of moves from Region 1 exceeds the number of moves to it suggesting a negative net migration. Region 3 and Region 4, on the other hand, experience a positive net migration. There seems to be a strong link between Region 1 and Region 3 where many people (possibly same individuals) move between them.

## 1.2 Moves Across Urban and Non-Urban Areas

Table 2: Migration Between Urban and Rural Areas

Destination	Origin			
	Urban 0	Urban 1	Urban 2	All
Urban 0	308	6507	385	7514
Urban 1	6268	3982	792	12422
Urban 2	556	854	3	1425
Total	7132	11343	1180	21361

In Table 2, we see that Urban 1 areas receive the highest number of move-ins whereas Urban 2 areas receive the lowest.

We see urban-rural migration is frequent both ways:

- Rural to Urban:  $6268 + 556 = 6824$  moves.
- Urban to Rural:  $6507 + 385 = 6892$  moves.

Rural to Rural is the rarest move.

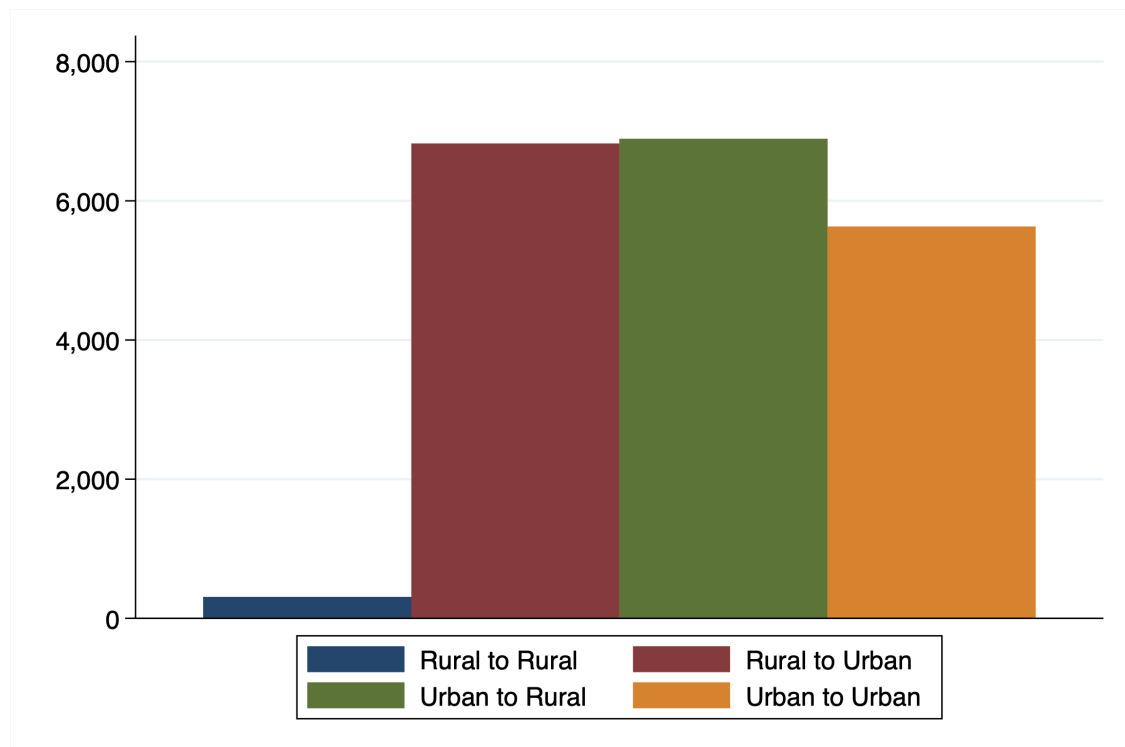


Figure 1: Migration Between Urban and Rural Areas

### 1.3 Socioeconomic Variables Between Regions

Table 3: Socioeconomic Variables Across Regions

		Mean	(sd)			Mean	(sd)
Region 1	Wage	17581.75	(75720)	Region 3	Wage	14436.54	(44661)
	Education	10.65	(2.03)		Education	10.41	(2.02)
	Employment	79.78	(40.16)		Employment	80.93	(39.29)
Region 2	Wage	15675.49	(49312)	Region 4	Wage	16511.66	(69283)
	Education	10.54	(1.95)		Education	10.46	(2.07)
	Employment	82.57	(37.94)		Employment	79.70	(40.23)
Obs		215496				215496	

We observe the highest mean wage in Region 1 where it is above \$17k a year. Region 1 also has the most educated population and the lowest employment rate. Perhaps low employment rates and high prices are among reasons why people migrate away from Region 1.

Region 2 is the most educated after Region 1 and has the highest employment rate among the four regions. The lowest mean wage is in Region 3 with around \$14k. Perhaps many people move here not necessarily for higher wages but for higher chances of being employed.

Table 4: Socioeconomic Variables in Urban vs Rural Areas

		Mean	(sd)			Mean	(sd)
Urban 0	Wage	14170	(34178)	Urban 2	Wage	21192	(20566)
	Education	10.26	(1.99)		Education	10.03	(1.86)
	Employment	81.42	(38.89)		Employment	79.61	(40.39)
Urban 1	Wage	16722	(63560)	Total	Wage	16191	(58609)
	Education	10.52	(2.03)		Education	10.46	(2.03)
	Employment	83.19	(37.39)		Employment	82.82	(37.72)
Observations		208632				208632	

On average, observe higher wages as urban measure increases. Rural areas have the lowest mean wage with about \$14k a year. Most urban areas (Urban 2) have the highest mean wages and lowest employment rates. Urban 1 areas have the highest educational attainment and highest employment rate levels.

## 2 Event Studies

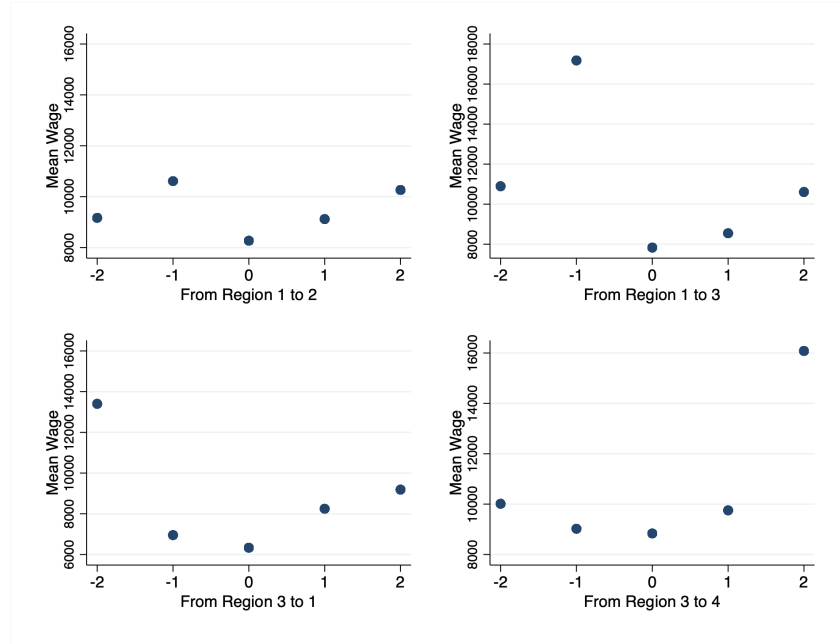


Figure 2: How Wages Change Before and After Move Across Regions

Wages on the year of move fall rapidly but starts rising the following year. It seems that moving from Region 3 to Region 1 saved some people from a decreasing trend in wages. The movers from Region 3 to Region 4 experienced a rapid rise in their wages.

Those who moved between rural areas (Urban = 0) had their wages decreasing on average before the move. After the move, the wages stabilized. Urban-Urban move on the other hand seemed to have no impact except the fall in moving year.

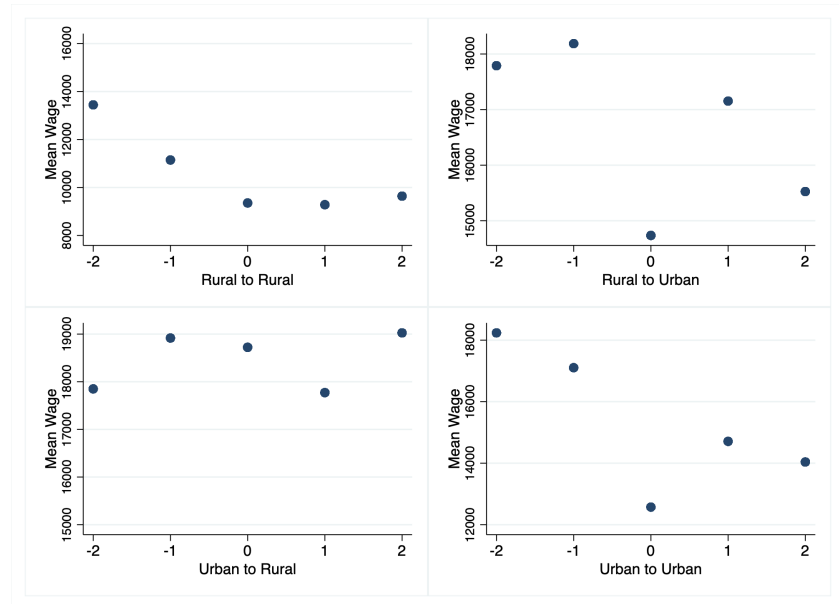


Figure 3: How Wages Change Before and After Move Between Urban and Rural

### 3 Comparing Movers to Stayers

Table 5: The Effect of Moving on Wages In Comparison with Stayers at Origin

	Origin Region 1 ln(wage)	Origin Region 2 ln(wage)	Origin Region 3 ln(wage)	Origin Region 4 ln(wage)
Age	0.388*** (0.00)	0.388*** (0.00)	0.388*** (0.00)	0.388*** (0.00)
Age Squared	-0.005*** (0.00)	-0.005*** (0.00)	-0.005*** (0.00)	-0.005*** (0.00)
Education Sqrd	0.002*** (0.00)	0.002*** (0.00)	0.002*** (0.00)	0.002*** (0.00)
Gender	-0.455*** (0.01)	-0.455*** (0.01)	-0.455*** (0.01)	-0.455*** (0.01)
Mover at 0	-0.089*** (0.01)	-0.090*** (0.01)	-0.081*** (0.01)	-0.071*** (0.01)
Mover at 1	0.019 (0.04)	0.085** (0.03)	0.004 (0.03)	-0.060 (0.04)
Mover at 2	0.012 (0.03)	0.109*** (0.03)	0.027 (0.02)	-0.060 (0.03)
Mover at 3	0.103*** (0.03)	0.117*** (0.03)	0.033 (0.02)	-0.064* (0.03)
Mover at 4	0.116*** (0.03)	0.073** (0.02)	0.056*** (0.02)	0.011 (0.03)
Regional FE	Yes	Yes	Yes	Yes
Constant	2.495*** (0.04)	2.505*** (0.04)	2.499*** (0.04)	2.499*** (0.04)
R-sqr	0.369	0.369	0.369	0.369

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

We again observe a stark effect on the year of the move. The effect disappears or decreases a year after the move and seems to die down following the second year.

Those who moved from Region 2 observed higher wages right after the first year relative to those who stayed. Those who moved from Region 1 and Region 3 started having higher wages three to four years after the move.

Region 4, on the other hand, seems to be an anomaly where movers from that origin have experienced a more persistent negative effect on their wages.

In Table 6, we see a similar picture where the movers had between 20 to 40 percent drop in their wages. The highest falls are followed by highest gains: 40 percent fall followed by 34 percent gain relative to those who were native in Region 1. Similarly those who moved to region four were doing 38 percent better than those who were there a year after move in.

Table 6: The Effect of Moving on Wages In Comparison with Stayers at Destination

	Arrival Region 1 ln_wage	Arrival Region 2 ln_wage	Arrival Region 3 ln_wage	Arrival Region 4 ln_wage
Age	0.385*** (0.00)	0.385*** (0.00)	0.385*** (0.00)	0.385*** (0.00)
Age Squared	-0.004*** (0.00)	-0.004*** (0.00)	-0.004*** (0.00)	-0.004*** (0.00)
Education Sqrd	0.002*** (0.00)	0.002*** (0.00)	0.002*** (0.00)	0.002*** (0.00)
Gender	-0.453*** (0.01)	-0.454*** (0.01)	-0.454*** (0.01)	-0.454*** (0.01)
Mover at 0	-0.401*** (0.03)	-0.242*** (0.03)	-0.280*** (0.02)	-0.399*** (0.03)
Mover at 1	0.343*** (0.04)	0.156*** (0.04)	0.264*** (0.03)	0.379*** (0.04)
Mover at 2	0.042 (0.04)	-0.031 (0.03)	-0.005 (0.03)	0.002 (0.03)
Mover at 3	-0.053 (0.03)	0.059 (0.03)	0.004 (0.02)	-0.045 (0.03)
Mover at 4	0.027 (0.03)	0.035 (0.02)	-0.038* (0.02)	-0.057* (0.02)
Regional FE	Yes	Yes	Yes	Yes
Constant	2.547*** (0.04)	2.517*** (0.04)	2.524*** (0.04)	2.520*** (0.04)
R-sqr	0.369	0.368	0.369	0.369

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ 

## 4 Appendix

Table 7: Wage Across Regions

	(1)	(2)	(3)
	Wage b/se	Employment pct b/se	Education b/se
Region 2	-1906.35*** (442.16)	2.74*** (0.24)	-0.10*** (0.01)
Region 3	-3138.21*** (413.53)	1.62*** (0.22)	-0.23*** (0.01)
Region 4	-1077.93* (508.33)	0.12 (0.25)	-0.17*** (0.01)
Constant (Reg 1)	17574.23*** (383.52)	81.81*** (0.19)	10.53*** (0.01)

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

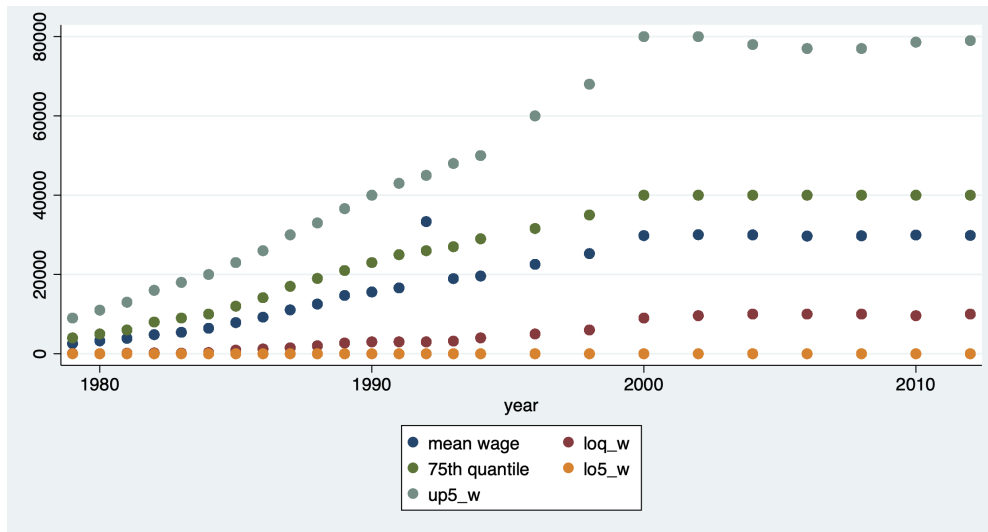


Figure 4: Wages are Stagnant and Wage Gap Widens

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1  * Lutfi Sun | Nov 7, 2020 | BFI Labor Data Task *
2
3  ** HOUSE KEEPING **
4
5  clear
6  cd "/Users/lutfisun/Desktop/BFI Labor Data Task"
7
8  ssc install estout
9  eststo clear
10
11
12  * numericcols option will replace NA entries with missing values that stata can understand
13  import delimited "nlsy79-prepared.csv", numericcols(5 6 7 8 9)
14
15  * focus on those we have information about the move
16  drop if missing(region) & missing(urban)
17  * Define employment as wage>0
18  gen employed = (wage > 0)
19  gen emp_100 = employed * 100
20
21  *****
22  ** TASK 1: SUMMARY STATISTICS **
23  *****
24
25  * changes in region or urban for the same individual would imply moving
26  * in this data, we cannot observe moves within the same region and to same type of area (eg rural to rural)
27  * using lag and logical test to see when and whether an individual moved
28  bysort i (year): gen moved = (region-region[_n-1] != 0) | (urban-urban[_n-1] != 0 & !missing(urban)) if _n!=1
29
30  * see if one moves to a more or less urban area
31  gen urb_move = moved * (urban-urban[_n-1])
32
33  * what urban area the individual left
34  gen urb0_x = moved * (urban[_n-1] == 0)
35  gen urb1_x = moved * (urban[_n-1] == 1)
36  gen urb2_x = moved * (urban[_n-1] == 2)
37
38  * if we want to look deeper into urban, we can generate a variable for each of the nine ways to move between rural and urban regions
39  gen urb0_0 = moved * (urban-urban[_n-1] == 0) * (urban == 0)
40  gen urb0_1 = moved * (urban-urban[_n-1] == 1) * (urban == 1)
41  gen urb0_2 = moved * (urban-urban[_n-1] == 2) * (urban == 2)
42
43  gen urb1_0 = moved * (urban-urban[_n-1] == -1) * (urban == 0)
44  gen urb1_1 = moved * (urban-urban[_n-1] == 0) * (urban == 1)
45  gen urb1_2 = moved * (urban-urban[_n-1] == 1) * (urban == 2)
46
47  gen urb2_0 = moved * (urban-urban[_n-1] == -2) * (urban == 0)
48  gen urb2_1 = moved * (urban-urban[_n-1] == -1) * (urban == 1)
49  gen urb2_2 = moved * (urban-urban[_n-1] == 0) * (urban == 2)
50
51  gen rur_rur = urb0_0
52  gen rur_urb = urb0_1 + urb0_2
53  gen urb_rur = urb1_0 + urb1_2
54  gen urb_urb = urb1_1 + urb1_2 + urb2_1 + urb2_2
55
56  * what region the individual left
57  gen frm_one = moved * (region[_n-1] == 1)
58  gen frm_two = moved * (region[_n-1] == 2)
59  gen frm_thre = moved * (region[_n-1] == 3)
60  gen frm_four = moved * (region[_n-1] == 4)
61
62  * Migration between regions: TABLE 1 *
63  estpost tabstat frm_one frm_two frm_thre frm_four moved, by(region) stat(sum)
64
65  graph bar (sum) frm_one frm_two frm_thre frm_four, over(region)
66
67  * Migration between area types: TABLE 2 *
68  estpost tabstat urb0_x urb1_x urb2_x moved, by(urban) stat(sum)
69
70  * Socioeconomic variables between regions: TABLE 3 *
71
72  * we can do this via regressions or tabstat
73  reg wage i.region, robust
74  estimates store regi_wage, title(regi_wage)
75  reg emp_100 i.region, robust

```

Figure 5: Do File Also Included in the Upload

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68
69 * Socioeconomic variables between regions: TABLE 3 *
70
71 * we can do this via regressions or tabstat
72 reg wage i.region, robust
73 estimates store regi_wage, title(regi_wage)
74 reg emp_100 i.region, robust
75 estimates store regi_emp, title(regi_emp)
76 reg educ i.region, robust
77 estimates store regi_educ, title(regi_educ)
78 esttab regi_wage regi_emp regi_educ using regi_soci.tex, cells(b(star fmt(3)) se(par fmt(2))) legend label varlabels(_cons constant)
79
80 estpost tabstat wage educ emp_100, by(region) statistics(mean sd) columns(statistics) listwise
81 esttab, cell((mean(fmt(%9.1f)) sd(fmt(%9.2f)))) nonumber nomtitle
82 esttab using socioeconomic_regi.csv, modelwidth(10 20) cell((mean(fmt(%9.2f)) sd(par label(Standard Deviation)))) label nomtitle nonumber replace
83
84 estpost tabstat wage educ emp_100, by(urban) statistics(mean sd) columns(statistics) listwise
85 esttab, cell((mean(fmt(%9.1f)) sd(fmt(%9.2f)))) nonumber nomtitle
86 esttab using socioeconomic_urbi.csv, modelwidth(10 20) cell((mean(fmt(%9.2f)) sd(par label(Standard Deviation)))) label nomtitle nonumber replace
87 eststo clear
88
89 *****
90 ** TASK 2: EVENT STUDY **
91 *****
92
93 gen move_time = .
94
95 * if the move is x years later we are currently x years before the move
96 * some moves may overlap if someone moves more than once within the same five years
97
98 replace move_time = -2 if (moved[_n+2]==1 & _n!=1)
99 replace move_time = -1 if (moved[_n+1]==1 & _n!=1)
100 replace move_time = 0 if (moved[_n+0]==1 & _n!=1)
101 replace move_time = 1 if (moved[_n-1]==1 & _n!=1)
102 replace move_time = 2 if (moved[_n-2]==1 & _n!=1)
103
104 * take average of wage grouping by how many years before and after the move
105 egen move_w = mean(wage), by(move_time)
106 scatter move_w move_time
107
108 * now i do the same thing for four arbitrary moving scenarios between regions
109 * eg if there is a move from region 1 to region 2, then reg1_2 = 1
110 gen reg1_2 = frm_one * (region == 2)
111 gen reg1_3 = frm_one * (region == 3)
112 gen reg3_1 = frm_thre * (region == 1)
113 gen reg3_4 = frm_thre * (region == 4)
114
115 gen r12_time = .
116 gen r13_time = .
117 gen r31_time = .
118 gen r34_time = .
119
120 replace r12_time = -2 if (reg1_2[_n+2]==1 & _n!=1)
121 replace r12_time = -1 if (reg1_2[_n+1]==1 & _n!=1)
122 replace r12_time = 0 if (reg1_2[_n+0]==1 & _n!=1)
123 replace r12_time = 1 if (reg1_2[_n-1]==1 & _n!=1)
124 replace r12_time = 2 if (reg1_2[_n-2]==1 & _n!=1)
125
126 replace r13_time = -2 if (reg1_3[_n+2]==1 & _n!=1)
127 replace r13_time = -1 if (reg1_3[_n+1]==1 & _n!=1)
128 replace r13_time = 0 if (reg1_3[_n+0]==1 & _n!=1)
129 replace r13_time = 1 if (reg1_3[_n-1]==1 & _n!=1)
130 replace r13_time = 2 if (reg1_3[_n-2]==1 & _n!=1)
131
132 replace r31_time = -2 if (reg3_1[_n+2]==1 & _n!=1)
133 replace r31_time = -1 if (reg3_1[_n+1]==1 & _n!=1)
134 replace r31_time = 0 if (reg3_1[_n+0]==1 & _n!=1)
135 replace r31_time = 1 if (reg3_1[_n-1]==1 & _n!=1)
136 replace r31_time = 2 if (reg3_1[_n-2]==1 & _n!=1)
137
138 replace r34_time = -2 if (reg3_4[_n+2]==1 & _n!=1)
139 replace r34_time = -1 if (reg3_4[_n+1]==1 & _n!=1)
140 replace r34_time = 0 if (reg3_4[_n+0]==1 & _n!=1)
141 replace r34_time = 1 if (reg3_4[_n-1]==1 & _n!=1)

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Figure 6: Do File Also Included in the Upload



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155
156
157 * now i look at moves between urban and rural areas
158 * eg the dummy to indicate a move from rural to urban is named rur_urb
159 sum rur_rur rur_urb urb_rur urb_urb
160
161 gen rur_rur_t = .
162 gen rur_urb_t = .
163 gen urb_rur_t = .
164 gen urb_urb_t = .
165
166 replace rur_rur_t = -2 if (rur_rur[_n+2]==1 & _n!=1)
167 replace rur_rur_t = -1 if (rur_rur[_n+1]==1 & _n!=1)
168 replace rur_rur_t = -0 if (rur_rur[_n+0]==1 & _n!=1)
169 replace rur_rur_t = 1 if (rur_rur[_n-1]==1 & _n!=1)
170 replace rur_rur_t = 2 if (rur_rur[_n-2]==1 & _n!=1)
171
172 replace rur_urb_t = -2 if (rur_urb[_n+2]==1 & _n!=1)
173 replace rur_urb_t = -1 if (rur_urb[_n+1]==1 & _n!=1)
174 replace rur_urb_t = -0 if (rur_urb[_n+0]==1 & _n!=1)
175 replace rur_urb_t = 1 if (rur_urb[_n-1]==1 & _n!=1)
176 replace rur_urb_t = 2 if (rur_urb[_n-2]==1 & _n!=1)
177
178 replace urb_rur_t = -2 if (urb_rur[_n+2]==1 & _n!=1)
179 replace urb_rur_t = -1 if (urb_rur[_n+1]==1 & _n!=1)
180 replace urb_rur_t = -0 if (urb_rur[_n+0]==1 & _n!=1)
181 replace urb_rur_t = 1 if (urb_rur[_n-1]==1 & _n!=1)
182 replace urb_rur_t = 2 if (urb_rur[_n-2]==1 & _n!=1)
183
184 replace urb_urb_t = -2 if (urb_urb[_n+2]==1 & _n!=1)
185 replace urb_urb_t = -1 if (urb_urb[_n+1]==1 & _n!=1)
186 replace urb_urb_t = -0 if (urb_urb[_n+0]==1 & _n!=1)
187 replace urb_urb_t = 1 if (urb_urb[_n-1]==1 & _n!=1)
188 replace urb_urb_t = 2 if (urb_urb[_n-2]==1 & _n!=1)
189
190 egen rur_rur_w = mean(wage), by(rur_rur_t)
191 egen rur_urb_w = mean(wage), by(rur_urb_t)
192 egen urb_rur_w = mean(wage), by(urb_rur_t)
193 egen urb_urb_w = mean(wage), by(urb_urb_t)
194
195 scatter rur_rur_w rur_rur_t
196 scatter rur_urb_w rur_urb_t
197 scatter urb_rur_w urb_rur_t
198 scatter urb_urb_w urb_urb_t
199
200 gr combine wag_rur_rur.gph wag_rur_urb.gph wag_urb_rur.gph wag_urb_urb.gph
201
202 *****
203 ** TASK 3: COMPARE MOVERS VS STAYERS **
204 *****
205
206 gen age = year - (1900 + birth)
207 sum age
208 reg wage age educ gender
209
210 * some variables seem to have nonlinear relationship
211 gen age2 = age * age
212 gen educ2 = educ * educ
213 gen ln_wage = ln(wage)
214
215 * after running wald-tests and looking at residuals and past studies, this model seems to be better
216 reg ln_wage age age2 educ educ2 gender
217
218 * TABLE 5: by region of origin *
219
220 * those who moved from region 1
221
222 gen one_leaver0 = 0
223 gen one_leaver1 = 0
224 gen one_leaver2 = 0
225 gen one_leaver3 = 0
226 gen one_leaver4 = 0
227
228 replace one_leaver0 = 1 if (move_time * frm_one == 0 & move_time != .)

```

Figure 7: Do File Also Included in the Upload

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217
218 * TABLE 5: by region of origin *
219
220 * those who moved from region 1
221
222 gen one_leaver0 = 0
223 gen one_leaver1 = 0
224 gen one_leaver2 = 0
225 gen one_leaver3 = 0
226 gen one_leaver4 = 0
227
228 replace one_leaver0 = 1 if (move_time * frm_one == 0 & move_time != .)
229 replace one_leaver1 = 1 if (move_time * frm_one[_n-1] == 1 & move_time != . & moved == 0)
230 replace one_leaver2 = 1 if (move_time * frm_one[_n-2] == 2 & move_time != . & moved == 0)
231 replace one_leaver3 = 1 if (move_time * frm_one[_n-3] == 3 & move_time != . & moved == 0)
232 replace one_leaver4 = 1 if (move_time * frm_one[_n-4] == 4 & move_time != . & moved == 0)
233
234 reg ln_wage age age2 educ2 gender one_leaver0 one_leaver1 one_leaver2 one_leaver3 one_leaver4 i.region, robust
235 estimates store m_left1, title(m_left1)
236
237 * those who moved from region 2
238
239 gen two_leaver0 = 0
240 gen two_leaver1 = 0
241 gen two_leaver2 = 0
242 gen two_leaver3 = 0
243 gen two_leaver4 = 0
244
245 replace two_leaver0 = 1 if (move_time * frm_two == 0 & move_time != .)
246 replace two_leaver1 = 1 if (move_time * frm_two[_n-1] == 1 & move_time != . & moved == 0)
247 replace two_leaver2 = 1 if (move_time * frm_two[_n-2] == 2 & move_time != . & moved == 0)
248 replace two_leaver3 = 1 if (move_time * frm_two[_n-3] == 3 & move_time != . & moved == 0)
249 replace two_leaver4 = 1 if (move_time * frm_two[_n-4] == 4 & move_time != . & moved == 0)
250
251 reg ln_wage age age2 educ2 gender two_leaver0 two_leaver1 two_leaver2 two_leaver3 two_leaver4 i.region, robust
252 estimates store m_left1, title(m_left2)
253
254 * those who moved from region 3
255
256 gen thre_leaver0 = 0
257 gen thre_leaver1 = 0
258 gen thre_leaver2 = 0
259 gen thre_leaver3 = 0
260 gen thre_leaver4 = 0
261
262 replace thre_leaver0 = 1 if (move_time * frm_thre == 0 & move_time != .)
263 replace thre_leaver1 = 1 if (move_time * frm_thre[_n-1] == 1 & move_time != . & moved == 0)
264 replace thre_leaver2 = 1 if (move_time * frm_thre[_n-2] == 2 & move_time != . & moved == 0)
265 replace thre_leaver3 = 1 if (move_time * frm_thre[_n-3] == 3 & move_time != . & moved == 0)
266 replace thre_leaver4 = 1 if (move_time * frm_thre[_n-4] == 4 & move_time != . & moved == 0)
267
268 reg ln_wage age age2 educ2 gender thre_leaver0 thre_leaver1 thre_leaver2 thre_leaver3 thre_leaver4 i.region, robust
269 estimates store m_left3, title(m_left3)
270
271 * those who moved from region 4
272
273 gen four_leaver0 = 0
274 gen four_leaver1 = 0
275 gen four_leaver2 = 0
276 gen four_leaver3 = 0
277 gen four_leaver4 = 0
278
279 replace four_leaver0 = 1 if (move_time * frm_four == 0 & move_time != .)
280 replace four_leaver1 = 1 if (move_time * frm_four[_n-1] == 1 & move_time != . & moved == 0)
281 replace four_leaver2 = 1 if (move_time * frm_four[_n-2] == 2 & move_time != . & moved == 0)
282 replace four_leaver3 = 1 if (move_time * frm_four[_n-3] == 3 & move_time != . & moved == 0)
283 replace four_leaver4 = 1 if (move_time * frm_four[_n-4] == 4 & move_time != . & moved == 0)
284
285 reg ln_wage age age2 educ2 gender four_leaver0 four_leaver1 four_leaver2 four_leaver3 four_leaver4 i.region, robust
286 estimates store m_left4, title(m_left4)
287
288 esttab m_left1 m_left2 m_left3 m_left4 using m_left.tex, cells(b(star fmt(3))) se(par fmt(2))) legend label varlabels(_cons constant)
289
290 * TABLE 6: by region of arrival *

```

Figure 8: Do File Also Included in the Upload