The attached data comes from the academic article "The Effect of Early Education on Social Preferences" by Cappelen, List, Samek, and Tungodden.

5/28/24, 10:07 AM

```
* Recreate Table 1
1
   clear
2
    use "/Users/haivanle/Downloads/Coding Exercise/Data.dta"
    ** The paper explained that they initially had 303 children taking
    part in the social preference experiments then one was dropped
    ** but table one was showing results of 301 children. I was unable
    to get the exact number since I checked that the data I was given
    has 302 data points.
    count if in_experiment == 1
6
7
   table treat in experiment, statistic(mean age at test female black
    hispanic white time hours2) statistic (semean age at test female
    black hispanic white time hours2)
    // iebaltab age at test female black hispanic white time hours2,
    grpvar(treat)
    savetex("/Users/haivanle/Downloads/Coding Exercise/balance table.tex
    ***Average age in years
10
11
    mean age_at_test if treat == "Control"
12
    mean age_at_test if treat == "PA"
13
    mean age at test if treat == "PK"
14
    mean age at test
15
    ***Share of girls
16
17
    proportion female if in_experiment == 1 & treat == "Control"
18
    proportion female if in experiment == 1 & treat == "PA"
19
    proportion female if in_experiment == 1 & treat == "PK"
20
    proportion female if in experiment == 1
21
    ***Share of Black
22
23
    proportion black if in experiment == 1 & treat == "Control"
24
    proportion black if in experiment == 1 & treat == "PA"
25
    proportion black if in experiment == 1 & treat == "PK"
26
    proportion black if in experiment == 1
27
28
    ***Share of Hispanic
29
30
    proportion hispanic if in_experiment == 1 & treat == "Control"
31
   proportion hispanic if in_experiment == 1 & treat == "PA"
32
    proportion hispanic if in experiment == 1 & treat == "PK"
33
    proportion hispanic if in experiment == 1
34
35
   ***Share of White
36
37
    proportion white if in_experiment == 1 & treat == "Control"
38
    proportion white if in_experiment == 1 & treat == "PA"
39
    proportion white if in_experiment == 1 & treat == "PK"
40
```

```
proportion white if in experiment == 1
41
42
    ***Average time of experiment
43
44
    mean time hours2 if in experiment == 1 & treat == "Control"
45
    mean time_hours2 if in_experiment == 1 & treat == "PA"
46
    mean time hours2 if in experiment == 1 & treat == "PK"
47
    mean time hours2 if in experiment == 1
48
49
    * Recreate Table 3
50
    collect clear
51
    collect create MyModels
52
    ***Columns 1 and 2 - Dictator
53
54
    collect _r_b _r_se,
                                             ///
55
            name(MyModels)
                                             ///
56
            tag(model[(1)]): reg inequalitydictator any_PK any_PA //
57
    reg (1)
58
    collect p_d1=r(p1), tag(model[(1)]): test any_PK = any_PA
59
    collect p_d2=r(p2), tag(model[(1)]): test any_PK = any_PA = 0
60
61
    collect _r_b _r_se,
                                             ///
62
            name(MyModels)
                                             ///
63
            tag(model[(2)]): reg inequalitydictator any PK any PA
64
    age_at_test female black hispanic // reg (2)
    collect layout (colname#result) (model), name(MyModels)
65
66
    collect p d1=r(p1), tag(model[(2)]): test any PK = any PA
67
    collect p_d2=r(p2), tag(model[(2)]): test any_PK = any_PA = 0
68
69
    ***Columns 3 and 4 - Efficiency
70
71
    collect _r_b _r_se,
                                             ///
72
            name(MyModels)
                                             ///
73
            tag(model[(3)]): reg inequalityefficiency any PK any PA
74
75
    collect p d1=r(p1), tag(model[(3)]): test any PK = any PA
76
    collect p_d2=r(p_2), tag(model[(3)]): test any_PK = any_PA = 0
77
78
    collect _r_b _r_se,
                                             ///
79
            name(MyModels)
80
            tag(model[(4)]): reg inequalityefficiency any PK any PA
81
    age at test female black hispanic
82
    collect p d1=r(p1), tag(model[(4)]): test any PK = any PA
83
    collect p d2=r(p2), tag(model[(4)]): test any PK = any PA = 0
84
85
```

```
***Columns 5 and 6 - Luck
86
87
                                             ///
    collect _r_b _r_se,
88
             name(MyModels)
                                             ///
89
             tag(model[(5)]): reg inequalitylucky any PK any PA
90
91
    collect p d1=r(p1), tag(model[(5)]): test any PK = any PA
92
     collect p d2=r(p2), tag(model[(5)]): test any PK = any PA = 0
93
94
95
                                             ///
    collect _r_b _r_se,
96
             name(MyModels)
97
             tag(model[(6)]): reg inequalitylucky any PK any PA
98
    age at test female black hispanic
99
    collect p_d1=r(p1), tag(model[(6)]): test any PK = any PA
100
    collect p_d2=r(p2), tag(model[(6)]): test any_PK = any_PA = 0
101
102
    ***Columns 7 and 8 - Merit
103
104
                                             ///
105
    collect _r_b _r_se,
             name(MyModels)
                                             ///
106
             tag(model[(7)]): reg inequalitymerit any PK any PA
107
108
    collect p d1=r(p1), tag(model[(7)]): test any PK = any PA
109
     collect p d2=r(p2), tag(model[(7)]): test any PK = any PA = 0
110
111
    collect _r_b _r_se,
                                             ///
112
             name(MyModels)
                                             ///
113
             tag(model[(8)]): reg inequalitymerit any_PK any_PA
114
    age at test female black hispanic
115
    collect p d1=r(p1), tag(model[(8)]): test any PK = any PA
116
    collect p d2=r(p2), tag(model[(8)]): test any_PK = any_PA = 0
117
118
    ***Columns 9 and 10 - Merit and Luck
119
120
                                             ///
    collect rb rse,
121
             name(MyModels)
122
             tag(model[(9)]): reg inequalitymeritlucky any_PK any_PA
123
124
    collect p d1=r(p1), tag(model[(9)]): test any PK = any PA
125
    collect p d2=r(p2), tag(model[(9)]): test any PK = any PA = 0
126
127
    collect rb rse,
                                             ///
128
             name(MyModels)
                                             ///
129
             tag(model[(10)]): reg inequalitymeritlucky any PK any PA
130
    age_at_test female black hispanic
```

153

```
131
    collect p d1=r(p1), name(MyModels) tag(model[(10)]): test any PK =
132
     any PA
    collect p_d2=r(p2), name(MyModels)
                                          tag(model[(10)]): test any PK =
133
     any PA = 0
134
    collect style showbase off
135
    collect style cell, nformat(%5.2f)
136
    collect style cell border block, border(right, pattern(nil))
137
    collect style cell result[ r se], sformat("(%s)")
    collect levelsof cell type
139
    collect style cell cell type[item column-header], halign(center)
140
    collect style header result, level(hide)
141
    collect style column, extraspace(1)
142
    collect style row stack, spacer delimiter(" x ")
143
144
    collect style header result[r2 p_d1 p_d2], level(label)
145
    collect label levels result p_d1 "p-value (PS = PA)" p_d2 "p-value
146
    (PS = PA = 0)" r2 "R-squared", modify
    collect style cell result[p d1 p d2], nformat(%5.3f)
147
148
    collect preview
149
    ** My apology, I was unable to get the p-values shown in the output
150
    collect layout (colname#result result[r2 p d1 p d2]) (model), name(
151
    MyModels)
152
```