Balance Tests

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```
group_by(df, hc.group) %>% summarize(count = n())
## `summarise()` ungrouping output (override with `.groups` argument)
## # A tibble: 5 x 2
##
    hc.group count
##
     <chr>
              <int>
## 1 control
                193
## 2 m.opp
                170
## 3 m.supp
                213
## 4 si.opp
                281
## 5 si.supp
                205
group_by(df, ev.group) %>% summarize(count = n())
## `summarise()` ungrouping output (override with `.groups` argument)
## # A tibble: 5 x 2
##
     ev.group count
     <chr>
              <int>
## 1 control
                168
## 2 m.opp
                200
## 3 m.supp
                192
## 4 si.opp
                213
## 5 si.supp
                289
```

```
group.num ~ race + gender + empl + inc + pid + educ + age, data = df.first.omit,
    report = c("std.diffs", "z.scores", "adj.means", "adj.mean.diffs",
    "adj.mean.diffs.null.sd", "chisquare.test", "p.values")
```

vars	hc.group.num.0	hc.group.num.1	adj.diff	adj.diff.null.sd	std.diff	Z	p
White	0.00	0.00	0.00	0.00	0.00	0.10	0.92
Black	0.00	-0.00	-0.00	0.00	-0.02	-0.82	0.41
Hispanic	0.00	-0.01	-0.01	0.01	-0.03	-1.13	0.26
Asian	0.00	-0.01	-0.01	0.01	-0.03	-1.50	0.13
Arab	0.00	-0.00	-0.00	0.01	-0.01	-0.32	0.75
Indian	0.00	0.00	0.00	0.00	0.02	0.77	0.44
Hawaiian	0.00	0.00	0.00	0.00	0.00	0.12	0.90
Other	0.00	0.02	0.02	0.01	0.04	1.74	0.08
genderFemale	0.00	-0.01	-0.01	0.01	-0.01	-0.61	0.54
genderMale	0.00	0.01	0.01	0.01	0.01	0.59	0.56
genderOther	0.00	0.00	0.00	0.00	0.00	0.18	0.86
emplEmployed full time	0.00	0.01	0.01	0.01	0.03	1.36	0.17
emplEmployed part time	0.00	0.00	0.00	0.01	0.01	0.49	0.63
emplHomemaker	0.00	-0.01	-0.01	0.01	-0.03	-1.26	0.21
emplRetired	0.00	-0.01	-0.01	0.01	-0.02	-0.91	0.36
emplStudent	0.00	-0.01	-0.01	0.00	-0.03	-1.41	0.16
emplUnemployed	0.00	0.00	0.00	0.01	0.01	0.37	0.71
inc\$100 000 to \$149 999	0.00	-0.01	-0.01	0.01	-0.03	-1.38	0.17
inc\$150~000 or more	0.00	0.01	0.01	0.01	0.05	2.07	0.04
inc\$20 000 to \$39 999	0.00	-0.01	-0.01	0.01	-0.02	-0.74	0.46
inc\$40 000 to \$59 999	0.00	-0.01	-0.01	0.01	-0.02	-0.73	0.46
inc\$60 000 to \$79 999	0.00	0.00	0.00	0.01	0.01	0.59	0.56
inc\$80 000 to \$99 999	0.00	0.01	0.01	0.01	0.02	0.75	0.45
incLess than \$20 000	0.00	0.00	0.00	0.01	0.00	0.12	0.90
pidDemocrat	0.00	-0.02	-0.02	0.01	-0.03	-1.57	0.12
pidIndependent	0.00	0.01	0.01	0.01	0.01	0.60	0.55
pidRepublican	0.00	0.02	0.02	0.01	0.04	1.97	0.05
pidSomething else	0.00	-0.01	-0.01	0.01	-0.04	-1.60	0.11
educ10th grade	0.00	-0.00	-0.00	0.00	-0.03	-1.49	0.14
educ11th grade	0.00	-0.00	-0.00	0.00	-0.01	-0.35	0.73
educ12th grade	0.00	0.00	0.00	0.00	0.04	1.63	0.10
educ1st-4th grade	0.00	0.00	0.00	0.00	0.01	0.38	0.70
educ5th-6th grade	0.00	-0.00	-0.00	0.00	-0.03	-1.15	0.25
educ7th-8th grade	0.00	0.00	0.00	0.00	0.01	0.44	0.66
educ9th grade	0.00	-0.00	-0.00	0.00	-0.02	-0.82	0.41
educAssociate degree	0.00	0.00	0.00	0.01	0.01	0.45	0.65
educBachelor	0.00	0.00	0.00	0.01	0.00	0.09	0.93
educDoctorate	0.00	-0.00	-0.00	0.00	-0.00	-0.04	0.97
educHigh school graduate	0.00	0.01	0.01	0.01	0.02	1.10	0.27
educMaster	0.00	0.00	0.00	0.01	0.01	0.64	0.52
educProfessional degree	0.00	-0.00	-0.00	0.00	-0.01	-0.34	0.73
educSome college	0.00	-0.02	-0.02	0.01	-0.04	-1.79	0.07
educUp to 1st grade	0.00	0.00	0.00	0.00	0.01	0.38	0.70
age	0.00	-0.07	-0.07	0.38	-0.00	-0.19	0.85
~o~	0.00	0.01	3.01	0.90	3.00	0.10	0.00

Table 1: Balance Across Covariates

chisquare	df	p.value
37.24	38.00	0.50

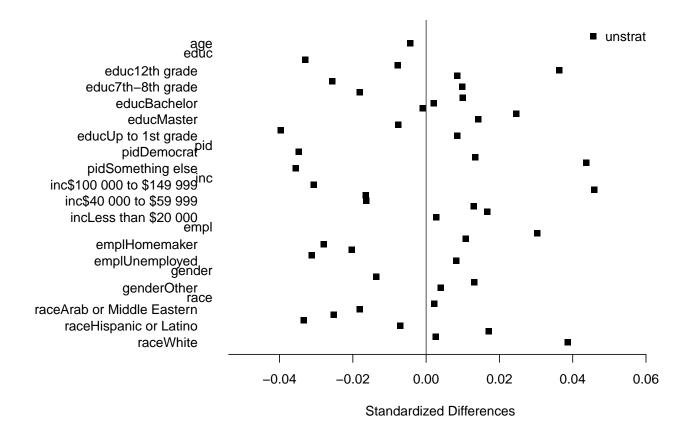
Table 2: Chi-squared test

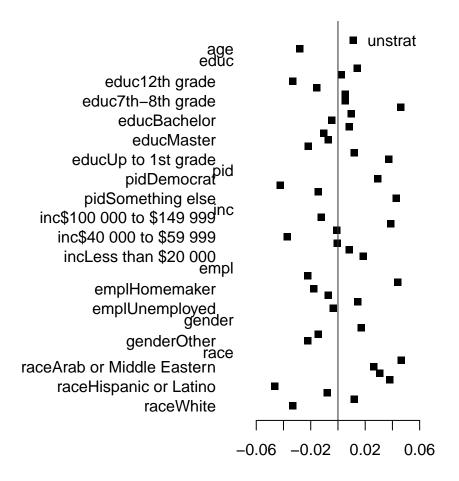
vars	ev.group.num.0	ev.group.num.1	adj.diff	adj.diff.null.sd	std.diff	Z	p
White	0.00	0.01	0.01	0.00	0.05	2.17	0.03
Black	0.00	0.00	0.00	0.00	0.03	1.23	0.22
Hispanic	0.00	0.01	0.01	0.01	0.03	1.44	0.15
Asian	0.00	0.01	0.01	0.01	0.04	1.77	0.08
Arab	0.00	-0.01	-0.01	0.01	-0.05	-2.16	0.03
Indian	0.00	-0.00	-0.00	0.00	-0.01	-0.38	0.71
Hawaiian	0.00	0.00	0.00	0.00	0.01	0.56	0.57
Other	0.00	-0.02	-0.02	0.01	-0.03	-1.54	0.12
genderFemale	0.00	0.01	0.01	0.01	0.02	0.80	0.42
genderMale	0.00	-0.01	-0.01	0.01	-0.01	-0.67	0.50
genderOther	0.00	-0.00	-0.00	0.00	-0.02	-1.03	0.30
emplEmployed full time	0.00	-0.01	-0.01	0.01	-0.02	-1.03	0.30
emplEmployed part time	0.00	0.02	0.02	0.01	0.04	2.05	0.04
emplHomemaker	0.00	-0.00	-0.00	0.01	-0.02	-0.84	0.40
emplRetired	0.00	-0.00	-0.00	0.01	-0.01	-0.34	0.73
emplStudent	0.00	0.00	0.00	0.00	0.01	0.68	0.49
emplUnemployed	0.00	-0.00	-0.00	0.01	-0.00	-0.17	0.87
inc\$100 000 to \$149 999	0.00	-0.00	-0.00	0.01	-0.01	-0.57	0.57
inc\$150 000 or more	0.00	0.01	0.01	0.01	0.04	1.82	0.07
inc\$20 000 to \$39 999	0.00	-0.00	-0.00	0.01	-0.00	-0.05	0.96
inc\$40 000 to \$59 999	0.00	-0.01	-0.01	0.01	-0.04	-1.75	0.08
inc\$60 000 to \$79 999	0.00	-0.00	-0.00	0.01	-0.00	-0.02	0.98
inc\$80 000 to \$99 999	0.00	0.00	0.00	0.01	0.01	0.39	0.70
incLess than \$20 000	0.00	0.01	0.01	0.01	0.02	0.86	0.39
pidDemocrat	0.00	0.01	0.01	0.01	0.03	1.37	0.17
pidIndependent	0.00	-0.02	-0.02	0.01	-0.04	-1.98	0.05
pidRepublican	0.00	-0.01	-0.01	0.01	-0.01	-0.67	0.50
pidSomething else	0.00	0.01	0.01	0.01	0.04	2.00	0.05
educ10th grade	0.00	0.00	0.00	0.00	0.01	0.66	0.51
educ11th grade	0.00	0.00	0.00	0.00	0.00	0.12	0.90
educ12th grade	0.00	-0.00	-0.00	0.00	-0.03	-1.55	0.12
educ1st-4th grade	0.00	-0.00	-0.00	0.00	-0.02	-0.73	0.46
educ5th-6th grade	0.00	0.00	0.00	0.00	0.01	0.26	0.80
educ7th-8th grade	0.00	0.00	0.00	0.00	0.01	0.25	0.80
educ9th grade	0.00	0.00	0.00	0.00	0.05	2.16	0.03
educAssociate degree	0.00	0.00	0.00	0.01	0.01	0.45	0.65
educBachelor	0.00	-0.00	-0.00	0.01	-0.00	-0.21	0.84
educDoctorate	0.00	0.00	0.00	0.00	0.01	0.38	0.70
educHigh school graduate	0.00	-0.00	-0.00	0.01	-0.01	-0.49	0.62
educMaster	0.00	-0.00	-0.00	0.01	-0.01	-0.34	0.73
educProfessional degree	0.00	-0.00	-0.00	0.00	-0.02	-1.02	0.31
educSome college	0.00	0.00	0.00	0.01	0.01	0.56	0.58
educUp to 1st grade	0.00	0.00	0.00	0.00	0.04	1.74	0.08
• 0	0.00	-0.48	-0.48	0.36	-0.03		0.19
age	0.00	-0.48	-0.48	0.36	-0.03	-1.31	0.19

Table 3: Balance Across Covariates

chisquare	e df	p.value
50.56	38.00	0.08

Table 4: Chi-squared test





Standardized Differences