## 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
                208
## 2 m.opp
                215
## 3 m.supp
                225
## 4 si.opp
                206
## 5 si.supp
                249
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
                218
## 2 m.opp
                222
## 3 m.supp
                220
## 4 si.opp
                218
## 5 si.supp
                225
```

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	-0.20	0.84
Black	0.00	0.00	0.00	0.00	0.02	1.03	0.30
Hispanic	0.00	-0.00	-0.00	0.01	-0.01	-0.49	0.62
Asian	0.00	0.01	0.01	0.01	0.03	1.21	0.23
Arab	0.00	-0.01	-0.01	0.01	-0.02	-0.93	0.35
Indian	0.00	0.00	0.00	0.00	0.03	1.54	0.12
Hawaiian	0.00	-0.01	-0.01	0.00	-0.04	-1.83	0.07
Other	0.00	0.00	0.00	0.01	0.00	0.21	0.84
genderFemale	0.00	-0.00	-0.00	0.01	-0.00	-0.10	0.92
genderMale	0.00	0.00	0.00	0.01	0.01	0.32	0.75
genderOther	0.00	-0.00	-0.00	0.00	-0.04	-1.67	0.09
emplEmployed full time	0.00	0.00	0.00	0.01	0.01	0.30	0.77
emplEmployed part time	0.00	-0.01	-0.01	0.01	-0.03	-1.26	0.21
${ m empl}{ m Homemaker}$	0.00	-0.00	-0.00	0.01	-0.00	-0.00	1.00
emplRetired	0.00	0.01	0.01	0.01	0.02	0.74	0.46
emplStudent	0.00	0.00	0.00	0.00	0.00	0.05	0.96
emplUnemployed	0.00	0.00	0.00	0.01	0.00	0.09	0.93
inc\$100 000 to \$149 999	0.00	0.00	0.00	0.01	0.01	0.31	0.76
inc\$150~000 or more	0.00	0.00	0.00	0.01	0.01	0.58	0.56
inc\$20 000 to \$39 999	0.00	-0.00	-0.00	0.01	-0.00	-0.17	0.86
inc\$40 000 to \$59 999	0.00	-0.01	-0.01	0.01	-0.02	-0.85	0.40
inc\$60 000 to \$79 999	0.00	0.00	0.00	0.01	0.01	0.24	0.81
inc\$80 000 to \$99 999	0.00	0.00	0.00	0.01	0.01	0.48	0.63
incLess than \$20 000	0.00	-0.00	-0.00	0.01	-0.01	-0.25	0.80
pidDemocrat	0.00	0.01	0.01	0.01	0.01	0.57	0.57
pidIndependent	0.00	-0.02	-0.02	0.01	-0.04	-2.07	0.04
pidRepublican	0.00	0.01	0.01	0.01	0.03	1.25	0.21
pidSomething else	0.00	0.00	0.00	0.00	0.01	0.24	0.81
educAssociate degree	0.00	-0.01	-0.01	0.01	-0.02	-0.90	0.37
educBachelor	0.00	-0.00	-0.00	0.01	-0.01	-0.42	0.67
educHigh school or lower	0.00	-0.00	-0.00	0.01	-0.00	-0.06	0.96
educMaster or higher	0.00	0.00	0.00	0.01	0.01	0.62	0.54
educSome college	0.00	0.01	0.01	0.01	0.02	0.75	0.45
age	0.00	0.57	0.57	0.36	0.03	1.59	0.11

Table 1: Balance Across Covariates

chisquare	df	p.value
22.35	28.00	0.76

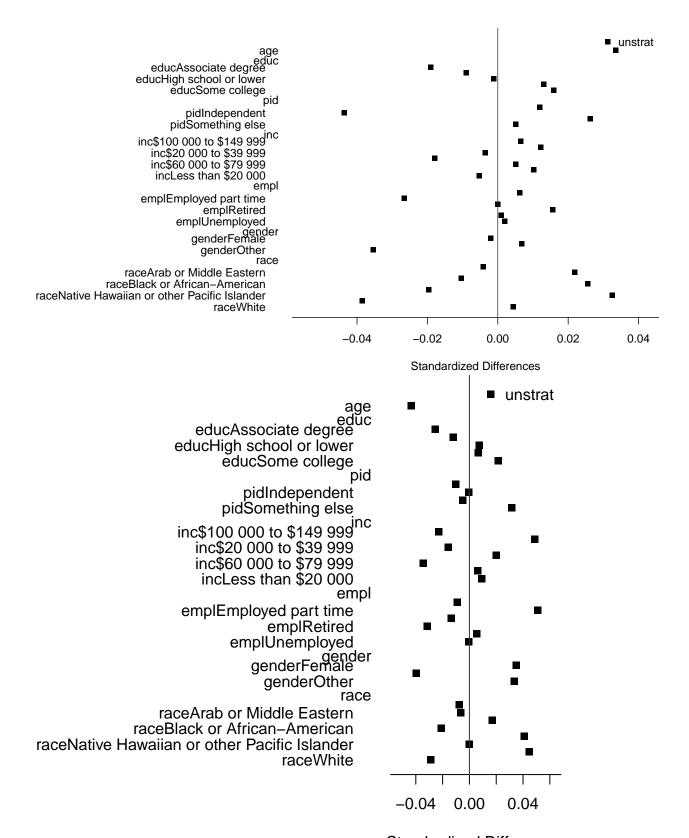
Table 2: Chi-squared test

vars	ev.group.num.0	ev.group.num.1	adj.diff	adj.diff.null.sd	std.diff	Z	p
White	0.00	-0.00	-0.00	0.00	-0.01	-0.36	0.72
Black	0.00	-0.00	-0.00	0.00	-0.01	-0.30	0.76
Hispanic	0.00	0.00	0.00	0.01	0.02	0.80	0.42
Asian	0.00	-0.01	-0.01	0.01	-0.02	-0.98	0.33
Arab	0.00	0.01	0.01	0.01	0.04	1.93	0.05
Indian	0.00	-0.00	-0.00	0.00	-0.00	-0.01	0.99
Hawaiian	0.00	0.01	0.01	0.00	0.04	2.10	0.04
Other	0.00	-0.01	-0.01	0.01	-0.03	-1.35	0.18
genderFemale	0.00	0.02	0.02	0.01	0.04	1.65	0.10
genderMale	0.00	-0.02	-0.02	0.01	-0.04	-1.86	0.06
genderOther	0.00	0.00	0.00	0.00	0.03	1.57	0.12
emplEmployed full time	0.00	-0.00	-0.00	0.01	-0.01	-0.43	0.66
emplEmployed part time	0.00	0.02	0.02	0.01	0.05	2.40	0.02
${ m emplHomemaker}$	0.00	-0.00	-0.00	0.01	-0.01	-0.65	0.52
emplRetired	0.00	-0.01	-0.01	0.01	-0.03	-1.47	0.14
emplStudent	0.00	0.00	0.00	0.00	0.01	0.25	0.80
emplUnemployed	0.00	-0.00	-0.00	0.01	-0.00	-0.02	0.98
inc\$100 000 to \$149 999	0.00	-0.01	-0.01	0.01	-0.02	-1.08	0.28
inc\$150~000 or more	0.00	0.01	0.01	0.01	0.05	2.29	0.02
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	0.93	0.35
inc\$60 000 to \$79 999	0.00	-0.01	-0.01	0.01	-0.03	-1.63	0.10
inc\$80 000 to \$99 999	0.00	0.00	0.00	0.01	0.01	0.30	0.76
incLess than \$20 000	0.00	0.00	0.00	0.01	0.01	0.44	0.66
pidDemocrat	0.00	-0.00	-0.00	0.01	-0.01	-0.47	0.64
$\operatorname{pidIndependent}$	0.00	-0.00	-0.00	0.01	-0.00	-0.03	0.98
pidRepublican	0.00	-0.00	-0.00	0.01	-0.00	-0.23	0.82
pidSomething else	0.00	0.01	0.01	0.01	0.03	1.48	0.14
educAssociate degree	0.00	-0.01	-0.01	0.01	-0.03	-1.19	0.23
educBachelor	0.00	-0.01	-0.01	0.01	-0.01	-0.57	0.57
educHigh school or lower	0.00	0.00	0.00	0.01	0.01	0.35	0.73
educMaster or higher	0.00	0.00	0.00	0.01	0.01	0.32	0.75
educSome college	0.00	0.01	0.01	0.01	0.02	1.01	0.31
age	0.00	-0.73	-0.73	0.36	-0.04	-2.04	0.04

Table 3: Balance Across Covariates

chisquare	df	p.value
35.84	28.00	0.15

Table 4: Chi-squared test



Standardized Differences