

# Regressions and Balance Tests

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```
group_by(df.all, 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.all, 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
```

Table 1: Healthcare Regression Results

	<i>Dependent variable:</i>
	hc.likert
hc.groupm.opp	−0.400 (0.106)
hc.groupm.supp	−0.194 (0.105)
hc.groupsi.opp	−0.325 (0.107)
hc.groupsi.supp	−0.125 (0.103)
mor.all	0.315 (0.034)
si.all	0.040 (0.035)
dem	0.650 (0.068)
emplEmployed part time	−0.042 (0.096)
emplHomemaker	0.010 (0.138)
emplRetired	−0.183 (0.095)
emplStudent	−0.062 (0.161)
emplUnemployed	0.041 (0.112)
150 000 or more	0.348 (0.158)
39 999	0.297 (0.124)
59 999	0.410 (0.125)
79 999	0.156 (0.132)
99 999	0.173 (0.134)
20 000	0.254 (0.134)
Constant	1.562 (0.229)
Observations	1,103
R <sup>2</sup>	0.178
Adjusted R <sup>2</sup>	0.164
Residual Std. Error	1.088 (df = 1084)
F Statistic	13.045 (df = 18; 1084)

Table 2: Environment Regression Results

	<i>Dependent variable:</i>
	ev.likert
ev.groupm.opp	−0.151 (0.104)
ev.groupm.supp	−0.069 (0.104)
ev.groupsi.opp	−0.070 (0.104)
ev.groupsi.supp	0.010 (0.104)
mor.all	0.319 (0.034)
si.all	−0.096 (0.035)
dem	0.429 (0.068)
emplEmployed part time	0.021 (0.096)
emplHomemaker	−0.032 (0.137)
emplRetired	0.079 (0.095)
emplStudent	−0.291 (0.160)
emplUnemployed	−0.014 (0.111)
150 000 or more	0.142 (0.158)
39 999	0.003 (0.123)
59 999	0.046 (0.124)
79 999	−0.109 (0.132)
99 999	−0.008 (0.134)
20 000	−0.127 (0.134)
Constant	2.365 (0.229)
Observations	1,103
R <sup>2</sup>	0.137
Adjusted R <sup>2</sup>	0.123
Residual Std. Error	1.083 (df = 1084)
F Statistic	9.547 (df = 18; 1084)

```
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
emplHomemaker	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 3: Balance Across Covariates

chisquare	df	p.value
22.35	28.00	0.76

Table 4: 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
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
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 5: Balance Across Covariates

chisquare	df	p.value
35.84	28.00	0.15

Table 6: Chi-squared test

