**Special Edition**

(R)

**16.0**

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## Notes:

1. Unicode is supported; see [help unicode advice](#).
2. Maximum number of variables is set to 5000; see [help set maxvar](#).
3. New update available; type `-update all-`

```

1 . use "/Users/michaelodonnell/Dropbox/Research/UCSB Asymmetry Without Cause/Final Data for Analysis/UCSB_
  > Asymmetry_Without_Cause_to_analyze.dta"

2 . do "/var/folders/jg/24l23cq53cq2m6d8dbn69rx80000gn/T//SD83608.000000"

3 . **Analyze 2nd 750 first. If working with cleaned data, can start here
4 . //(note I misnamed this column. The indicator variable is
5 . //called first_1500, but I meant 50
6 .
7 . **preserve seems not to work in do.file, might need to manually do in command line
8 . preserve

9 .
10 . drop if first_1500 == 1
    (1,815 observations deleted)

11 .
12 . *drop incompletes
13 . drop if v10==0
    (580 observations deleted)

14 . *drop non-consent (their data is blank but dropping to make things cleaner)
15 . drop if q27==2
    (89 observations deleted)

16 .
17 . *apply attention checks
18 . keep if cyn_ac_check==1 & hex_ac_check==1
    (14 observations deleted)

19 . keep if hex_ac==1&cyn_ac==5
    (117 observations deleted)

20 .
21 . *main ANOVA analysis
22 .
23 . anova responsibility good_first

```

Number of obs =	<b>1,021</b>	R-squared =	<b>0.0204</b>
Root MSE =	<b>1.35855</b>	Adj R-squared =	<b>0.0195</b>

Source	Partial SS	df	MS	F	Prob>F
--------	------------	----	----	---	--------



```

33 .
34 . gen hex_total = (hex1 + hex2 + hex3)/3
35 .
36 . anova responsibility good_first c.hex_total

```

		Number of obs =	968	R-squared =	0.0213
		Root MSE =	1.35573	Adj R-squared =	0.0193
Source	Partial SS	df	MS	F	Prob>F
Model	38.58586	2	19.29293	10.50	0.0000
good_first	38.569186	1	38.569186	20.98	0.0000
hex_total	.06032796	1	.06032796	0.03	0.8563
Residual	1773.661	965	1.8379907		
Total	1812.2469	967	1.8740919		

```

37 .
38 . restore

39 .
40 . **Analyze 1st 750 second
41 .
42 . preserve

43 .
44 . drop if first_1500 == 0
    (1,821 observations deleted)

45 .
46 . *drop incompletes
47 . drop if v10==0
    (353 observations deleted)

48 . *drop non-consent (their data is blank but dropping to make things cleaner)
49 . drop if q27==2
    (58 observations deleted)

50 .
51 . *apply attention checks
52 . keep if cyn_ac_check==1 & hex_ac_check==1
    (17 observations deleted)

53 . keep if hex_ac==1&cyn_ac==5
    (126 observations deleted)

54 .
55 . *main ANOVA analysis
56 .
57 . anova responsibility good_first

```

		Number of obs =	1,261	R-squared =	0.0183
		Root MSE =	1.33525	Adj R-squared =	0.0175
Source	Partial SS	df	MS	F	Prob>F
Model	41.871659	1	41.871659	23.49	0.0000
good_first	41.871659	1	41.871659	23.49	0.0000

Residual	2244.6676	1,259	1.7828972
Total	2286.5393	1,260	1.8147137

```
58 . margins good_first
Adjusted predictions      Number of obs      =      1,261
Expression   : Linear prediction, predict()
```

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	t	P> t		
good_first						
bad first	2.76131	.0527393	52.36	0.000	2.657844	2.864777
good first	3.125806	.053625	58.29	0.000	3.020602	3.231011

```
59 .
60 . esize twosample responsibility, by(good_first) all
```

Effect size based on mean comparison

Obs per group:  
bad first = 641  
good first = 620

Effect Size	Estimate	[95% Conf. Interval]	
Cohen's d	-.2729792	-.383842	-.162009
Hedges's g	-.2728166	-.3836133	-.1619124
Glass's Delta 1	-.275967	-.387294	-.1644282
Glass's Delta 2	-.2699899	-.381305	-.1584605
Point-Biserial r	-.1353227	-.1886003	-.0807926

```
61 .
62 . *drop accidental hex_scores >5 // fortunately this only drops 50 participants in
63 . //the 1st 750
64 . drop if hex1_check > 1 | hex2_check>1 | hex3_check>1
(50 observations deleted)
65 .
66 . alpha hex1-hex3, item
```

Test scale = mean(unstandardized items)

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
hex1	1211	+	0.7670	0.4820	.5704199	0.5044
hex2	1211	+	0.7353	0.3919	.7155128	0.6252
hex3	1211	+	0.7886	0.4833	.5171691	0.4970
Test scale					.6010339	0.6413

```
67 .
68 . gen hex_total = (hex1 + hex2 + hex3)/3
```

```
69 .
70 . anova responsibility good_first c.hex_total
```

```
Number of obs =      1,211    R-squared      =    0.0191
Root MSE      =    1.33515    Adj R-squared =    0.0174
```

Source	Partial SS	df	MS	F	Prob>F
Model	41.872394	2	20.936197	11.74	0.0000
good_first	39.476379	1	39.476379	22.14	0.0000
hex_total	2.6375666	1	2.6375666	1.48	0.2241
Residual	2153.4208	1,208	1.7826331		
Total	2195.2931	1,210	1.8142919		

```
71 .
72 . restore

73 .
74 .
75 . **analyze total data file
76 .
77 . preserve

78 .
79 . *drop incompletes
80 . drop if v10==0
    (933 observations deleted)

81 . *drop non-consent (their data is blank but dropping to make things cleaner)
82 . drop if q27==2
    (147 observations deleted)

83 .
84 . *apply attention checks
85 . keep if cyn_ac_check==1 & hex_ac_check==1
    (31 observations deleted)

86 . keep if hex_ac==1&cyn_ac==5
    (243 observations deleted)

87 .
88 . *main ANOVA analysis
89 .
90 . anova responsibility good_first
```

```
Number of obs =      2,282    R-squared      =    0.0193
Root MSE      =    1.34535    Adj R-squared =    0.0189
```

Source	Partial SS	df	MS	F	Prob>F
Model	81.240179	1	81.240179	44.88	0.0000
good_first	81.240179	1	81.240179	44.88	0.0000
Residual	4126.741	2,280	1.8099741		
Total	4207.9812	2,281	1.8447966		

```
91 . margins good_first
```



Model	79.480098	2	39.740049	22.01	0.0000
good_first	78.375943	1	78.375943	43.41	0.0000
hex_total	1.8209701	1	1.8209701	1.01	0.3153
Residual	3928.4648	2,176	1.8053607		
Total	4007.9449	2,178	1.8401951		

```

104 .
105 . restore

106 .
    end of do-file

107 . use "/Users/michaelodonnell/Dropbox/Research/UCSB Wave 3 Fetzer - Fast Social Desirability/fastSocDesira
    > bility_UCSB_to_analyze_dropped_incompletes_dropped_att_check.dta"

108 . do "/var/folders/jg/24l23cq53cq2m6d8dbn69rx80000gn/T//SD83608.000000"

109 . preserve

110 . keep if wave==1
    (758 observations deleted)

111 . bootstrap, reps(10000) seed(1): anova soc_des_total condition
    (running anova on estimation sample)

```

Bootstrap replications (10000)

— — 1 — — 2 — — 3 — — 4 — — 5	
.....	50
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.....	400
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.....	750
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.....	850
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.....	950
.....	1000
.....	1050
.....	1100
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Bootstrap results  
Number of obs = 828  
Replications = 10,000  
R-squared = 0.0155  
Adj R-squared = 0.0143  
Root MSE = 2.4578

soc_des_total	Observed Coef.	Bootstrap Std. Err.	z	P> z	Normal-based [95% Conf. Interval]	
1.condition_fast	.6281821	.1752531	3.58	0.000	.2846922	.9716719
_cons	4.289157	.1390343	30.85	0.000	4.016654	4.561659

112 . margins condition

Adjusted predictions  
Model VCE : Bootstrap  
Expression : Linear prediction, predict()  
Number of obs = 828

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
condition_fast						
0	4.289157	.1390343	30.85	0.000	4.016654	4.561659
1	4.917339	.1074738	45.75	0.000	4.706694	5.127984

```
113 . restore

114 .

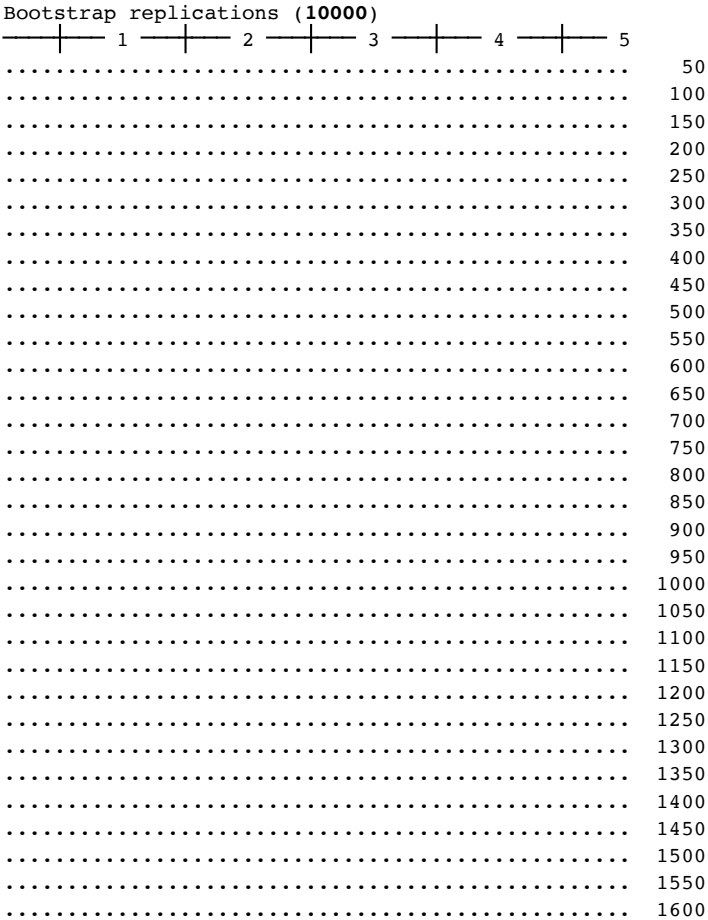
115 . preserve

116 . keep if wavel==0
    (828 observations deleted)

117 . tabu wave

      wavel |      Freq.   Percent   Cum.
-----+-----+-----+-----
       0    |      758    100.00    100.00
-----+-----+-----+-----
      Total |      758    100.00

118 . bootstrap, reps(10000) seed(1): anova soc_des_total condition
    (running anova on estimation sample)
```



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.....	6900
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..... 9500
..... 9550
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```

```

Bootstrap results      Number of obs   =      758
                        Replications    =    10,000
                        R-squared        =    0.0254
                        Adj R-squared   =    0.0241
                        Root MSE       =    2.4879

```

soc_des_total	Observed Coef.	Bootstrap Std. Err.	z	P> z	Normal-based [95% Conf. Interval]	
1.condition_fast	.8242137	.1804407	4.57	0.000	.4705564	1.177871
_cons	4.068259	.1360008	29.91	0.000	3.801703	4.334816

```
119 . margins condition
```

```

Adjusted predictions      Number of obs   =      758
Model VCE      : Bootstrap

Expression      : Linear prediction, predict()

```

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
condition_fast						
0	<b>4.068259</b>	<b>.1360008</b>	<b>29.91</b>	<b>0.000</b>	<b>3.801703</b>	<b>4.334816</b>
1	<b>4.892473</b>	<b>.1188357</b>	<b>41.17</b>	<b>0.000</b>	<b>4.65956</b>	<b>5.125387</b>

```
120 .
```

```
121 . restore
```

```
122 . bootstrap, reps(10000) seed(1): anova soc_des_total condition
(running anova on estimation sample)
```

```
Bootstrap replications (10000)
```

```

-----|----- 1 -----|----- 2 -----|----- 3 -----|----- 4 -----|----- 5
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..... 10000
```

```
Bootstrap results      Number of obs   =    1,586
                        Replications    =   10,000
                        R-squared        =    0.0199
                        Adj R-squared    =    0.0192
                        Root MSE       =    2.4717
```

soc_des_total	Observed	Bootstrap	z	P> z	Normal-based	
	Coef.	Std. Err.			[95% Conf. Interval]	
1.condition_fast	.719707	.1268626	5.67	0.000	.4710608	.9683531
_cons	4.1856	.0982233	42.61	0.000	3.993086	4.378114

123 . margins cond

```
Adjusted predictions      Number of obs   =    1,586
Model VCE      : Bootstrap

Expression      : Linear prediction, predict()
```

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
condition_fast						
0	4.1856	.0982233	42.61	0.000	3.993086	4.378114
1	4.905307	.0802341	61.14	0.000	4.748051	5.062563

124 .  
end of do-file

