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 $\label{log:c:stop} $$\log: C:\Users\lines\Labellabs\Label$

log type: text

opened on: 14 Nov 2018, 16:15:43

. describe v090

variable name	_	display format		variable label
v090	byte	%8.0g	v090	gun control

. label list v090

v090:

- 1 more difficult
- 2 same as now
- 3 easier
- 9 na

. sum v090

Variable		Obs	Mean	Std.	Dev.	Min	Max
v090	1 1	,544 1.45	55311	.5787	983	1	3

. tab v090

gun control	Freq.	Percent	Cum.
more difficult same as now easier	908 569 67	58.81 36.85 4.34	58.81 95.66 100.00
Total	1 , 544	100.00	

. gen sgc = 0

. replace sgc =1 if v090 < 2
(908 real changes made)</pre>

. replace sgc = . if v090 > 3

(11 real changes made, 11 to missing)

. tab sgc

sgc	Freq.	Percent	Cum.
0	636 908	41.19 58.81	41.19 100.00
Total	1,544	100.00	

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. tab v144

Cum.	Percent	Freq.	gender
43.34 100.00	43.34 56.66	674 881	male female
	100.00	1,555	Total

. tab sgc v144

sqc	geno	der female	Total
	+		+
0	362	274	636
	306 +	602 	908 +
Total	1 668	876	1,544

. proportion sgc, over(v144) level(99)

Proportion estimation Number of obs = 1,544

_prop_1: sgc = 0 prop 2: sgc = 1

male: v144 = male female: v144 = female

Over	 Proportion	Std. Err.	Logit [99% Conf. Interval]
_prop_1 male female	.5419162 .3127854	.0192919	.4919091 .5910928 .2738487 .3545551
_prop_2 male female	.4580838 .6872146	.0192919 .0156735	.4089072 .5080909 .6454449 .7261513

. sum v090

Variable	Obs	Mean	Std. Dev.	Min	Max
v090	1,544	1.455311	.5787983	1	3

. prtest sgc, by(v144) level(99)

male: Number of obs = 668
female: Number of obs = 876 Two-sample test of proportions Group | Mean Std. Err. z P>|z| [99% Conf. Interval] .4084283 .5077393 .6468655 .7275638 male | .4580838 .0192775

female | .6872146 .0156645

```
z = -9.0631
    diff = prop(male) - prop(female)
  Ho: diff = 0
  Ha: diff < 0
                      Ha: diff != 0
                                            Ha: diff > 0
. label list v138
v138:
       1 agree strongly
       2 agree somewhat
       3 neither agree nor disagree
       4 disagree somewhat
       5 disagree strongly
       9 na
. gen ptc = 0
. replace ptc = 1 \text{ if } v138 < 3
(893 real changes made)
. replace ptc =. if v138>5
(5 real changes made, 5 to missing)
. tab ptc v144
             gender
    | gender
ptc | male female | Total
 -----+----
    0 | 336 321 | 657
1 | 336 557 | 893
-----+-----
  Total | 672
                    878 | 1,550
. proportion ptc, over(v144) level(99.9)
                       Number of obs = 1,550
Proportion estimation
    _prop_1: ptc = 0
    _prop_2: ptc = 1
      male: v144 = male
    female: v144 = female
_____
                              Logit
    Over | Proportion Std. Err. [99.9% Conf. Interval]
_prop_1 |
   male | .5 .0193023 .4367052 .5632948 female | .3656036 .0162624 .3138282 .4206841
_prop_2
```

			.4367052 .5793159	
. prtest ptc, Two-sample tes	-			: Number of obs = 672
				Number of obs = 878
	Mean +		z P> z	[99% Conf. Interval]
male	.5	.0192879		.4503176 .5496824 .5925309 .6762618
	1343964 under Ho:		-5.31 0.000	1993660694267
diff =	= prop(male) -	- prop(female	≘)	z = -5.3061
Ha: diff $Pr(Z < z) = 0$			iff != 0 z) = 0.0000	Ha: diff > 0 Pr(Z > z) = 1.0000
. cmdlog close (cmdlog C:\Use		sktop\ECO220\	\Labs\Lab9\anal	Lysis/jiang_lab9.do closed)
log: (_	ng\Desktop\E0	CO220\Labs\Lab9	9\analysis/jiang_lab9.log