- 1 . use "/Users/michaelodonnell/Dropbox/Research/Berkeley Wave 4 A>B/Self-Replication/A\_Better\_Than\_B\_\_Dec
  > line\_Effect\_SelfReplication\_drop\_incompletes\_drop\_att\_check.dta", clear
- 2 . do "/var/folders/jg/24123cq53cq2m6d8dbn69rx80000gn/T//SD74507.000000"
- 3 . preserve
- 4 . keep if wave\_2==0
   (1,069 observations deleted)
- 5 . ttest better\_b== worse\_b, unpaired

Two-sample t test with equal variances

Variable	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf.	Interval]
better_b worse_b	582 556	6.089347 5.057554	.0762767	1.84015 2.23734	5.939535 4.871178	6.239159 5.24393
combined	1,138	5.585237	.0624623	2.107121	5.462683	5.707792
diff		1.031793	.1212061		.7939801	1.269606

6 . esize twosample rating\_b, by(condition) all

Effect size based on mean comparison

Obs per group:
condition\_worse==0 = 582
condition\_worse==1 = 556

Effect Size	Estimate	[95% Conf.	Interval]
Cohen's d Hedges's g Glass's Delta 1 Glass's Delta 2 Point-Biserial r	.5048243 .5044909 .5607115 .4611696	.3866472 .3863919 .4398696 .3416186 .1899224	.6227857 .6223744 .6811036 .5803255 .2974795

- 7 . restore
- 8.
- 9 . preserve
- 10 . keep if wave\_2==1
   (1,138 observations deleted)
- 11 . ttest better\_b== worse\_b, unpaired

 ${\tt Two-sample}\ {\tt t}\ {\tt test}\ {\tt with}\ {\tt equal}\ {\tt variances}$ 

Variable	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf.	Interval]
better_b	551	6.056261	.0764079	1.793552	5.906174	6.206348
worse_b	518	4.675676		2.256096	4.480934	4.870417



combined	1,069	5.387278	.065577	2.144077	5.258603	5.515952
diff		1.380586	.1242883		1.136708	1.624463

$$diff = mean(better_b) - mean(worse_b)$$
 t = 11.1079  
Ho:  $diff = 0$  degrees of freedom = 1067

12 . esize twosample rating\_b, by(condition) all

Effect size based on mean comparison

Obs per group:
condition\_worse==0 = 551
condition\_worse==1 = 518

Effect Size	Estimate	[95% Conf.	Interval]
Cohen's <i>d</i> Hedges's <i>g</i> Glass's Delta 1  Glass's Delta 2  Point-Biserial r	.6798002 .6793222 .7697494 .6119358 .3219505	.5562821 .555891 .6411604 .4860531 .2680831	.8030162 .8024516 .8977222 .7372762 .3727443

13 . restore

14 .

15 . ttest better\_b== worse\_b, unpaired

Two-sample t test with equal variances

Variable	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf.	. Interval]
better_b worse_b	1,133 1,074	6.073257 4.873371	.0539782	1.816911 2.253459	5.967348 4.738448	6.179165 5.008294
combined	2,207	5.489352	.0452742	2.126922	5.400568	5.578137
diff		1.199886	.0869232		1.029426	1.370346

$$\label{eq:diff} \mbox{diff = mean(better_b) - mean(worse_b)} \qquad \qquad \mbox{t = 13.8040} \\ \mbox{Ho: diff = 0} \qquad \qquad \mbox{degrees of freedom = } \mbox{2205}$$

16 . esize twosample rating\_b, by(condition) all

Effect size based on mean comparison

Obs per group: condition\_worse==0 = 1,133 condition\_worse==1 = 1,074

Effect Size	Estimate	[95% Conf.	Interval]
Cohen's d	.5878795	.5025611	.6730698
Hedges's g	.5876795	.5023901	.6728409
Glass's Delta 1	.660399	.5724762	.7480567
Glass's Delta 2	.5324641	.4458918	.6188044



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Point-Biserial r .2820341 .2437263 .3189848

17 . end of do-file

18 .

