```
1 . tabu v10
```

V10	Freq.	Percent	Cum.
0	8	0.38	0.38
1	2,107	99.62	100.00
Total	2,115	100.00	

```
2 . drop if v10==0
  (8 observations deleted)

3 . gen condition_worse =.
  (2,107 missing values generated)

4 . replace condition=1 if missing(better_b)
  (1,015 real changes made)

5 . replace condition = 0 if missing(condition)
  (1,092 real changes made)

6 . tabu condition
```

condition_worse	Freq.	Percent	Cum.
0	1,092	51.83	51.83
1	1,015	48.17	100.00
Total	2,107	100.00	

```
7 . egen rating_b = rowtotal (better_b worse_b)

8 . tabu b_top10
```

B_top10	Freq.	Percent	Cum.
1	1,527	72.47	72.47
3	198	9.40	81.87
4	382	18.13	100.00
Total	2,107	100.00	

```
9 . keep if b_top10==1
  (580 observations deleted)

10 . 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	835	6.02515	.0704719	2.036381	5.886827	6.163473
worse_b	692	5.238439	.0883876	2.325115	5.064899	5.41198

combined	**1,527**	**5.668631**	**.056461**	**2.206319**	**5.557882**	**5.779381**
diff		**.7867104**	**.1116548**		**.5676972**	**1.005724**

diff = mean(**better_b**) - mean(**worse_b**) t = **7.0459**
Ho: diff = 0 degrees of freedom = **1525**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **1.0000** Pr(|T| > |t|) = **0.0000** Pr(T > t) = **0.0000**

```
11 . esize twosample rating_b, by(condition) all
```

Effect size based on mean comparison

Obs per group:
condition_worse==0 = 835
condition_worse==1 = 692

Effect Size	Estimate	[95% Conf.	Interval]
Cohen's *d*	**.3622102**	**.2605791**	**.4637244**
Hedges's *g*	**.362032**	**.2604509**	**.4634963**
Glass's Delta 1	**.3863276**	**.2837683**	**.4886626**
Glass's Delta 2	**.3383533**	**.2359119**	**.4405569**
Point-Biserial r	**.1775604**	**.1287221**	**.225068**

```
12 .
```