T-tests for JEPS Table 1. Amount Sent to Out-groups

Summary Statistics

. sum d12outgroup if albregion==1

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

d12outgroup | 40 3.125 1.937319 0 5

. sum d12outgroup if borderregion==1

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

d12outgroup | 40 2.15 1.419642 0 5

. sum d12outgroup if serbregion==1

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

d12outgroup | 78 1.634615 1.861561 0 5

T-tests are calculated 2 ways using the **ttesti** and **ttest** command in stata. Differences at the hundredths value are due to the effect of rounding.

Using the **ttesti** method based on rounded values in Table 1 (reported in the manuscript).

. ttesti 40 3.13 1.94 40 2.15 1.42, unequal

Two-sample t test with unequal variances

------------------------------------------------------------------------------

| Obs Mean Std. Err. Std. Dev. [95% Conf. Interval]

---------+--------------------------------------------------------------------

x | 40 3.13 .3067409 1.94 2.509558 3.750442

y | 40 2.15 .2245217 1.42 1.695862 2.604138

---------+--------------------------------------------------------------------

combined | 80 2.64 .1967408 1.759704 2.248397 3.031603

---------+--------------------------------------------------------------------

diff | .98 .3801316 .2221255 1.737875

------------------------------------------------------------------------------

diff = mean(x) - mean(y) t = 2.5781

Ho: diff = 0 Satterthwaite's degrees of freedom = 71.4694

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0

Pr(T < t) = 0.9940 Pr(|T| > |t|) = 0.0120 Pr(T > t) = 0.0060

. ttesti 40 3.13 1.94 78 1.63 1.86, unequal

Two-sample t test with unequal variances

------------------------------------------------------------------------------

| Obs Mean Std. Err. Std. Dev. [95% Conf. Interval]

---------+--------------------------------------------------------------------

x | 40 3.13 .3067409 1.94 2.509558 3.750442

y | 78 1.63 .2106035 1.86 1.210635 2.049365

---------+--------------------------------------------------------------------

combined | 118 2.138475 .1850295 2.009935 1.772033 2.504916

---------+--------------------------------------------------------------------

diff | 1.5 .3720804 .7589208 2.241079

------------------------------------------------------------------------------

diff = mean(x) - mean(y) t = 4.0314

Ho: diff = 0 Satterthwaite's degrees of freedom = 75.8936

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0

Pr(T < t) = 0.9999 Pr(|T| > |t|) = 0.0001 Pr(T > t) = 0.0001

. ttesti 40 2.15 1.42 78 1.63 1.86, unequal

Two-sample t test with unequal variances

------------------------------------------------------------------------------

| Obs Mean Std. Err. Std. Dev. [95% Conf. Interval]

---------+--------------------------------------------------------------------

x | 40 2.15 .2245217 1.42 1.695862 2.604138

y | 78 1.63 .2106035 1.86 1.210635 2.049365

---------+--------------------------------------------------------------------

combined | 118 1.806271 .1597156 1.734956 1.489963 2.12258

---------+--------------------------------------------------------------------

diff | .52 .3078374 -.090816 1.130816

------------------------------------------------------------------------------

diff = mean(x) - mean(y) t = 1.6892

Ho: diff = 0 Satterthwaite's degrees of freedom = 99.0021

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0

Pr(T < t) = 0.9528 Pr(|T| > |t|) = 0.0943 Pr(T > t) = 0.0472

Using the **ttest** method based on rounded values in Table 1 (not reported in the manuscript).

. ttest d12outgroup if serbregion==0, by(borderregion) unpaired unequal

Two-sample t test with unequal variances

------------------------------------------------------------------------------

Group | Obs Mean Std. Err. Std. Dev. [95% Conf. Interval]

---------+--------------------------------------------------------------------

0 | 40 3.125 .306317 1.937319 2.505415 3.744585

1 | 40 2.15 .2244652 1.419642 1.695976 2.604024

---------+--------------------------------------------------------------------

combined | 80 2.6375 .1964831 1.757398 2.24641 3.02859

---------+--------------------------------------------------------------------

diff | .975 .3797562 .2178813 1.732119

------------------------------------------------------------------------------

diff = mean(0) - mean(1) t = 2.5674

Ho: diff = 0 Satterthwaite's degrees of freedom = 71.5101

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0

Pr(T < t) = 0.9938 Pr(|T| > |t|) = 0.0123 Pr(T > t) = 0.0062

. ttest d12outgroup if borderregion==0, by(serbregion) unpaired unequal

Two-sample t test with unequal variances

------------------------------------------------------------------------------

Group | Obs Mean Std. Err. Std. Dev. [95% Conf. Interval]

---------+--------------------------------------------------------------------

0 | 40 3.125 .306317 1.937319 2.505415 3.744585

1 | 78 1.634615 .2107803 1.861561 1.214898 2.054333

---------+--------------------------------------------------------------------

combined | 118 2.139831 .1848889 2.008407 1.773668 2.505993

---------+--------------------------------------------------------------------

diff | 1.490385 .3718312 .7498251 2.230944

------------------------------------------------------------------------------

diff = mean(0) - mean(1) t = 4.0082

Ho: diff = 0 Satterthwaite's degrees of freedom = 76.0416

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0

Pr(T < t) = 0.9999 Pr(|T| > |t|) = 0.0001 Pr(T > t) = 0.0001

. ttest d12outgroup if albregion==0, by(serbregion) unpaired unequal

Two-sample t test with unequal variances

------------------------------------------------------------------------------

Group | Obs Mean Std. Err. Std. Dev. [95% Conf. Interval]

---------+--------------------------------------------------------------------

0 | 40 2.15 .2244652 1.419642 1.695976 2.604024

1 | 78 1.634615 .2107803 1.861561 1.214898 2.054333

---------+--------------------------------------------------------------------

combined | 118 1.809322 .1597794 1.735649 1.492887 2.125757

---------+--------------------------------------------------------------------

diff | .5153846 .3079171 -.0955834 1.126353

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diff = mean(0) - mean(1) t = 1.6738

Ho: diff = 0 Satterthwaite's degrees of freedom = 99.0826

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0

Pr(T < t) = 0.9513 Pr(|T| > |t|) = 0.0973 Pr(T > t) = 0.0487