

Title: Table S3: ANOVAs for difference scores appendix for “Breaking *Harmony Square*: A game that “inoculates” against political misinformation”

Authors: Jon Roozenbeek (1), Sander van der Linden (1)

Date: November 6<sup>th</sup>, 2020

Note: The material contained herein is supplementary to the article named in the title and published in the Harvard Kennedy School (HKS) Misinformation Review.

---

## **Appendix: Table S3: ANOVAs for difference scores, averaged by type and by each of the 4 manipulation techniques.**

*Note:* We supply these results for completeness but *p*-values are unadjusted.

One-Way ANOVA (Fisher's)						
Variable	F	df1	df2	p	$\eta^2$	d
<b>Reliability judgments</b>						
<i>Averaged per category</i>						
Real-Reliability-Diff	43.205	1	679	< .001	0.06	0.51
Fake-Reliability-Diff	48.788	1	679	< .001	0.067	0.54
<i>Averaged per technique</i>						
Real-Trolling-Reliability-Diff	18.82	1	679	< .001	0.027	0.33
Real-Emotion-Reliability-Diff	24.22	1	679	< .001	0.034	0.38
Real-Conspiracy-Reliability-Diff	11.36	1	679	< .001	0.016	0.26
Real-Polarization-Reliability-Diff	25.97	1	679	< .001	0.037	0.39
Fake-Trolling-Reliability-Diff	24.91	1	679	< .001	0.035	0.38
Fake-Emotion-Reliability-Diff	48.04	1	679	< .001	0.066	0.53
Fake-Conspiracy-Reliability-Diff	11.01	1	679	< .001	0.016	0.26
Fake-Polarization-Reliability-Diff	4.64	1	679	0.032	0.007	0.17
<b>Confidence judgments</b>						
<i>Averaged per category</i>						
Real-Confidence-Diff	14.518	1	679	< .001	0.021	0.29
Fake-Confidence-Diff	14.547	1	679	< .001	0.021	0.29
<i>Averaged per technique</i>						
Real-Trolling-Confidence-Diff	8.99	1	585	0.003	0.014	0.24
Real-Emotion-Confidence-Diff	9.83	1	534	0.002	0.015	0.25
Real-Conspiracy-Confidence-Diff	7.39	1	522	0.007	0.012	0.22
Real-Polarization-Confidence-Diff	2.36	1	565	0.125	0.004	0.13
Fake-Trolling-Confidence-Diff	12.44	1	608	< .001	0.018	0.27
Fake-Emotion-Confidence-Diff	4.71	1	587	0.03	0.007	0.17
Fake-Conspiracy-Confidence-Diff	8.34	1	603	0.004	0.012	0.22
Fake-Polarization-Confidence-Diff	1.56	1	585	0.212	0.002	0.09
<b>Willingness to share</b>						
<i>Averaged per category</i>						
Real-Sharing-Diff	12.85	1	679	< .001	0.019	0.28
Fake-Sharing-Diff	12.619	1	679	< .001	0.018	0.27
<i>Averaged per technique</i>						
Real-Trolling-Sharing-Diff	8.83	1	679	0.003	0.013	0.23

Real-Emotion-Sharing-Diff	3.03	1	679	0.082	0.004	0.13
Real-Conspiracy-Sharing-Diff	3.4	1	679	0.066	0.005	0.14
Real-Polarization-Sharing-Diff	6.28	1	679	0.012	0.009	0.19
Fake-Trolling-Sharing-Diff	3.66	1	679	0.056	0.005	0.14
Fake-Emotion-Sharing-Diff	14.19	1	679	< .001	0.02	0.29
Fake-Conspiracy-Sharing-Diff	2.88	1	679	0.09	0.004	0.13
Fake-Polarization-Sharing-Diff	1.51	1	679	0.22	0.002	0.09