Results

Repeated Measures ANOVA - Unethicality

Within Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_p
Scenario	2700.26	1	2700.26	853.740	<.001	0.529
Scenario ✻ condition	4.31	4	1.08	0.341	0.851	0.002
Residual	2403.78	760	3.16			

Note. Type 3 Sums of Squares

[3]

Between Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_p
condition	70.0	4	17.49	2.45	0.045	0.013
Residual	5415.5	760	7.13			

Note. Type 3 Sums of Squares

Assumptions

Homogeneity of Variances Test (Levene's)

	F	df1	df2	p
Exp2_S1_seen_wrong	1.107	4	760	0.352
Exp2_S2_seen_wrong_T2	0.528	4	760	0.715

Post Hoc Tests

Post Hoc Comparisons - condition

Comparison							
condition		condition	Mean Difference	SE	df	t	$p_{bonferroni}$
Dissonance_no_write	-	Dissonance_write	0.00852	0.215	760	0.0396	1.000
	-	Negative	-0.45350	0.213	760	-2.1253	0.339
	-	Neutral	-0.48560	0.228	760	-2.1287	0.336
	-	Worthy	-0.35040	0.207	760	-1.6927	0.909
Dissonance_write	-	Negative	-0.46201	0.215	760	-2.1511	0.318
	-	Neutral	-0.49412	0.229	760	-2.1536	0.316
	-	Worthy	-0.35892	0.208	760	-1.7218	0.855
Negative	-	Neutral	-0.03211	0.228	760	-0.1409	1.000
	-	Worthy	0.10309	0.207	760	0.4988	1.000
Neutral	-	Worthy	0.13520	0.222	760	0.6094	1.000

[4]

Estimated Marginal Means

condition

Estimated Marginal Means - condition

			95% Confidence Interval	
condition	Mean	SE	Lower	Upper
Dissonance_no_write	5.80	0.151	5.50	6.10
Dissonance_write	5.79	0.153	5.49	6.09
Negative	6.25	0.151	5.96	6.55
Neutral	6.29	0.171	5.95	6.62
Worthy	6.15	0.141	5.87	6.43

[4]

Repeated Measures ANOVA - Self hehave unethically

Within Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_p
Scenario	1031.35	1	1031.352	291.001	<.001	0.277
Scenario ✻ condition	3.65	4	0.913	0.258	0.905	0.001
Residual	2693.55	760	3.544			

Note. Type 3 Sums of Squares

[3]

Between Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_p
condition	134	4	33.61	4.29	0.002	0.022
Residual	5962	760	7.84			

Note. Type 3 Sums of Squares

Assumptions

Homogeneity of Variances Test (Levene's)

	F	df1	df2	p
Exp2_S1_self_action	6.82	4	760	<.001
Exp2_S2_self_action_T2	3.02	4	760	0.017

Post Hoc Tests

Post Hoc Comparisons - condition

Comparison			Mean Difference	SE	df	t	$p_{bonferroni}$
condition		condition					
Dissonance_no_write	-	Dissonance_write	-0.2367	0.226	760	-1.049	1.000
	-	Negative	0.4132	0.224	760	1.845	0.654
	-	Neutral	0.5571	0.239	760	2.328	0.202
	-	Worthy	0.4360	0.217	760	2.007	0.451
Dissonance_write	-	Negative	0.6498	0.225	760	2.884	0.040
	-	Neutral	0.7938	0.241	760	3.297	0.010
	-	Worthy	0.6727	0.219	760	3.075	0.022
Negative	-	Neutral	0.1439	0.239	760	0.602	1.000
	-	Worthy	0.0228	0.217	760	0.105	1.000
Neutral	-	Worthy	-0.1211	0.233	760	-0.520	1.000

[4]

Estimated Marginal Means

condition

Estimated Marginal Means - condition

			95% Confidence Interval	
condition	Mean	SE	Lower	Upper
Dissonance_no_write	3.37	0.159	3.06	3.68
Dissonance_write	3.61	0.161	3.29	3.92
Negative	2.96	0.158	2.65	3.27
Neutral	2.81	0.179	2.46	3.16
Worthy	2.93	0.148	2.64	3.22

[4]

Repeated Measures ANOVA - Guiding others to behave unethically

Within Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_p
Scenario	932.36	1	932.36	308.171	<.001	0.289
Scenario ✻ condition	7.87	4	1.97	0.650	0.627	0.003
Residual	2299.36	760	3.03			

Note. Type 3 Sums of Squares

[3]

Between Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_p
condition	112	4	28.05	4.00	0.003	0.021
Residual	5331	760	7.01			

Note. Type 3 Sums of Squares

Assumptions

Homogeneity of Variances Test (Levene's)

	F	df1	df2	p
Exp2_S1_guide_other	4.83	4	760	<.001
Exp2_S2_guide_other_T2	2.75	4	760	0.027

Post Hoc Tests

Post Hoc Comparisons - condition

Comparison							
condition		condition	Mean Difference	SE	df	t	$p_{bonferroni}$
Dissonance_no_write	-	Dissonance_write	-0.170	0.213	760	-0.798	1.000
	-	Negative	0.269	0.212	760	1.270	1.000
	-	Neutral	0.581	0.226	760	2.567	0.105
	-	Worthy	0.446	0.205	760	2.173	0.301
Dissonance_write	-	Negative	0.439	0.213	760	2.062	0.396
	-	Neutral	0.751	0.228	760	3.300	0.010
	-	Worthy	0.617	0.207	760	2.982	0.030
Negative	-	Neutral	0.312	0.226	760	1.380	1.000
	-	Worthy	0.177	0.205	760	0.865	1.000
Neutral	-	Worthy	-0.135	0.220	760	-0.612	1.000

[4]

Estimated Marginal Means

condition

Estimated Marginal Means - condition

			95% Confidence Interval	
condition	Mean	SE	Lower	Upper
Dissonance_no_write	3.22	0.150	2.93	3.52
Dissonance_write	3.39	0.152	3.10	3.69
Negative	2.96	0.149	2.66	3.25
Neutral	2.64	0.170	2.31	2.98
Worthy	2.78	0.140	2.50	3.05

[4]

Descriptives

Descriptives

	Exp2_S1_seen_wrong	Exp2_S1_self_action	Exp2_S1_guide_other
N	765	765	765
Mean	7.39	2.32	2.22
Standard deviation	2.00	2.07	1.96

Descriptives

Descriptives

	Exp2_S2_seen_wrong_T2	Exp2_S2_self_action_T2	Exp2_S2_guide_other_T2
N	765	765	765
Mean	4.71	3.96	3.80
Standard deviation	2.52	2.68	2.51

Descriptives

Descriptives

	condition	Exp2_S1_seen_wrong	Exp2_S1_self_action	Exp2_S1_guide_other
N	Dissonance_no_write	156	156	156
	Dissonance_write	152	152	152
	Negative	157	157	157
	Neutral	122	122	122
	Worthy	178	178	178
Mean	Dissonance_no_write	7.10	2.47	2.44
	Dissonance_write	7.23	2.80	2.47
	Negative	7.58	2.14	2.19
	Neutral	7.57	1.96	1.95
	Worthy	7.50	2.17	2.01
Standard deviation	Dissonance_no_write	2.20	2.16	2.21
	Dissonance_write	2.04	2.32	2.16
	Negative	1.86	1.84	1.78
	Neutral	2.01	1.86	1.77
	Worthy	1.87	2.05	1.80

Descriptives

Descriptives

	condition	Exp2_S2_seen_wrong_T2	Exp2_S2_self_action_T2	Exp2_S2_guide_other_T2
N	Dissonance_no_write	156	156	156
	Dissonance_write	152	152	152
	Negative	157	157	157
	Neutral	122	122	122
	Worthy	178	178	178
Mean	Dissonance_no_write	4.51	4.27	4.01
	Dissonance_write	4.36	4.41	4.32
	Negative	4.93	3.77	3.72
	Neutral	5.00	3.66	3.34
	Worthy	4.80	3.69	3.55
Standard deviation	Dissonance_no_write	2.40	2.55	2.44
	Dissonance_write	2.57	2.96	2.75
	Negative	2.61	2.59	2.49
	Neutral	2.46	2.59	2.28
	Worthy	2.50	2.64	2.44

References

[1] The jamovi project (2021). *jamovi*. (Version 2.0) [Computer Software]. Retrieved from https://www.jamovi.org.

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