

Appendix: HEXACO findings for N = 276

Descriptive Statistics

Descriptive Statistics

	punishment	puninvest	relcostpun	hh_total	em_total	ex_total	ag_total	co_total	op_total	SVOangle
Valid	276	276	276	275	275	275	275	275	275	275
Missing	0	0	0	1	1	1	1	1	1	1
Mean	0.30	25.27	0.05	3.53	3.35	3.30	3.02	3.60	3.39	25.55
Std. Deviation	0.46	68.95	0.13	0.67	0.59	0.68	0.60	0.59	0.59	13.88
Minimum	0.00	0.00	0.00	1.38	1.94	1.38	1.06	1.81	1.44	-16.26
Maximum	1.00	600.00	1.00	5.00	4.69	4.75	4.63	4.88	4.75	48.93

Bivariate correlations between all HEXACO dimensions and punishment investments

Pearson's Correlations

Variable		punishment	puninvest	relcostpun	hh_total	em_total	ex_total	ag_total	co_total	op_total	SVOangle
1. punishment	Pearson's r	—									
2. puninvest	Pearson's r	0.56***	—								
3. relcostpun	Pearson's r	0.55***	0.93***	—							
4. hh_total	Pearson's r	-0.11	-0.13*	-0.10	—						
5. em_total	Pearson's r	-0.02	-0.02	-0.02	0.10	—					
6. ex_total	Pearson's r	0.04	0.03	0.04	0.12	-0.03	—				
7. ag_total	Pearson's r	-0.07	-0.14*	-0.15*	0.35***	-0.20**	0.25***	—			
8. co_total	Pearson's r	-0.05	-0.05	2.61e -3	0.25***	0.09	0.23***	6.52e -3	—		
9. op_total	Pearson's r	-0.02	0.06	0.09	0.04	0.02	0.16**	-0.03	0.09	—	
10. SVOangle	Pearson's r	9.46e -3	-0.05	-0.02	0.26***	0.06	0.10	0.21***	3.06e -3	0.10	—

* p < .05, ** p < .01, *** p < .001

Model Summary - relcostpun Linear Regression (Honesty-Humility)

Model	R	R ²	Adjusted R ²	RMSE
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Model Summary - relcostpun				
Model	R	R ²	Adjusted R ²	RMSE
H ₀	0.00	0.00	0.00	0.13
H ₁	0.27	0.07	0.06	0.13

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H ₁	Regression	0.33	4	0.08	5.31	< .001
	Residual	4.23	270	0.02		
	Total	4.56	274			

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H ₀	(Intercept)	0.05	7.78e -3		5.96	< .001
H ₁	(Intercept)	0.05	0.01		4.47	< .001
	condition	-5.93e -4	0.02	-2.30e -3	-0.04	0.97
	aboveaverage	1.87e -4	4.49e -5	0.25	4.18	< .001
	cent_hh_total	-0.01	0.02	-0.06	-0.83	0.41
	condition * cent_hh_total	-0.02	0.02	-0.07	-0.91	0.36

Linear Regression (Emotionality)

Model Summary - relcostpun				
Model	R	R ²	Adjusted R ²	RMSE
H ₀	0.00	0.00	0.00	0.13
H ₁	0.29	0.08	0.07	0.12

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
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ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H ₁	Regression	0.37	4	0.09	5.97	< .001
	Residual	4.19	270	0.02		
	Total	4.56	274			

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H ₀	(Intercept)	0.05	7.78e -3		5.96	< .001
H ₁	(Intercept)	0.05	0.01		4.50	< .001
	condition	-2.31e -3	0.02	-8.96e -3	-0.15	0.88
	aboveaverage	1.99e -4	4.50e -5	0.26	4.42	< .001
	cent_em_total	0.03	0.02	0.13	1.61	0.11
	condition * cent_em_total	-0.07	0.03	-0.21	-2.63	9.02e -3

Linear Regression (Extraversion)

Model Summary - relcostpun

Model	R	R ²	Adjusted R ²	RMSE
H ₀	0.00	0.00	0.00	0.13
H ₁	0.24	0.06	0.05	0.13

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H ₁	Regression	0.27	4	0.07	4.31	2.16e -3
	Residual	4.29	270	0.02		
	Total	4.56	274			

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H ₀	(Intercept)	0.05	7.78e -3		5.96	< .001
H ₁	(Intercept)	0.05	0.01		4.49	< .001
	condition	-2.61e -3	0.02	-0.01	-0.17	0.86
	aboveaverage	1.85e -4	4.52e -5	0.24	4.10	< .001
	cent_ex_total	3.23e -3	0.01	0.02	0.22	0.83
	condition * cent_ex_total	0.01	0.02	0.04	0.46	0.64

Linear Regression (Agreeableness)

Model Summary - relcostpun

Model	R	R ²	Adjusted R ²	RMSE
H ₀	0.00	0.00	0.00	0.13
H ₁	0.28	0.08	0.07	0.12

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H ₁	Regression	0.36	4	0.09	5.78	< .001
	Residual	4.20	270	0.02		
	Total	4.56	274			

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H ₀	(Intercept)	0.05	7.78e -3		5.96	< .001
H ₁	(Intercept)	0.05	0.01		4.46	< .001
	condition	-6.24e -5	0.02	-2.42e -4	-4.14e -3	1.00
Model	aboveaverage	1.77e -4	4.47e -5	0.22	3.95	< .001

aboveaverage	1.77e -4	1.77e -5	0.28	0.38	1.001
cent_ag_total	-0.02	0.02	-0.11	-1.43	0.16
condition * cent_ag_total	-0.02	0.03	-0.05	-0.69	0.49

Linear Regression (Conscientiousness)

Model Summary - relcostpun

Model	R	R ²	Adjusted R ²	RMSE
H ₀	0.00	0.00	0.00	0.13
H ₁	0.24	0.06	0.04	0.13

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H ₁	Regression	0.27	4	0.07	4.19	2.60e -3
	Residual	4.29	270	0.02		
	Total	4.56	274			

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H ₀	(Intercept)	0.05	7.78e -3		5.96	< .001
H ₁	(Intercept)	0.05	0.01		4.47	< .001
	condition	-1.93e -3	0.02	-7.50e -3	-0.13	0.90
	aboveaverage	1.87e -4	4.57e -5	0.24	4.08	< .001
	cent_co_total	-7.97e -3	0.02	-0.04	-0.41	0.68
	condition * cent_co_total	3.03e -3	0.03	0.01	0.12	0.91

Linear Regression (Openness)

Model Summary - relcostpun

Model	R	R ²	Adjusted R ²	RMSE
H ₀	0.00	0.00	0.00	0.13
H ₁	0.26	0.07	0.05	0.13

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H ₁	Regression	0.30	4	0.07	4.74	1.03e -3
	Residual	4.26	270	0.02		
	Total	4.56	274			

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H ₀	(Intercept)	0.05	7.78e -3		5.96	< .001
H ₁	(Intercept)	0.05	0.01		4.50	< .001
	condition	-2.30e -3	0.02	-8.90e -3	-0.15	0.88
	aboveaverage	1.83e -4	4.53e -5	0.24	4.05	< .001
	cent_op_total	0.02	0.02	0.08	1.04	0.30
	condition * cent_op_total	2.83e -3	0.03	8.75e -3	0.11	0.91

Linear Regression (SVO)

Model Summary - relcostpun

Model	R	R ²	Adjusted R ²	RMSE
H ₀	0.00	0.00	0.00	0.13
H ₁	0.25	0.06	0.05	0.13

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H ₁	Regression	0.28	4	0.07	4.35	2.00e -3
	Residual	4.29	270	0.02		
	Total	4.56	274			

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H ₀	(Intercept)	0.05	7.78e -3		5.96	< .001
H ₁	(Intercept)	0.05	0.01		4.49	< .001
	condition	-2.40e -3	0.02	-9.30e -3	-0.16	0.87
	aboveaverage	1.88e -4	4.54e -5	0.25	4.15	< .001
	cent_SVO	-4.23e -4	7.93e -4	-0.05	-0.53	0.59
	condition * cent_SVO	-1.47e -4	1.10e -3	-0.01	-0.13	0.89