Appendix: HEXACO findings for N = 203

Descriptive Statistics

Descriptive Statistics

	punishment	puninvest	relcostpun	hh_total	em_total	ex_total	ag_total	co_total	op_total	SVOangle
Valid	203	203	203	202	202	202	202	202	202	202
Missing	0	0	0	1	1	1	1	1	1	1
Mean	0.31	20.51	0.04	3.54	3.35	3.29	3.03	3.60	3.40	25.70
Std. Deviation	0.46	49.93	0.12	0.67	0.59	0.68	0.62	0.59	0.58	13.70
Minimum	0.00	0.00	0.00	1.38	1.94	1.38	1.06	1.81	1.44	-16.26
Maximum	1.00	400.00	1.00	4.88	4.69	4.63	4.63	4.88	4.75	45.89

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	0.62***	—								
3. relcostpun	Pearson's r	0.52***	0.96***	—							
4. hh_total	Pearson's r	-0.07	-0.04	-0.02	—						
5. em_total	Pearson's r	-4.30e -3	-0.04	-0.03	0.07	—					
6. ex_total	Pearson's r	0.09	0.03	0.02	0.05	-0.05	—				
7. ag_total	Pearson's r	-0.03	-0.10	-0.12	0.33***	-0.23***	0.26***	—			
8. co_total	Pearson's r	-0.03	3.98e -3	0.04	0.20**	0.04	0.25***	-2.04e -3	—		
9. op_total	Pearson's r	-8.70e -3	0.14	0.14	0.06	0.05	0.11	-0.06	0.05	—	
10. SVOangle	Pearson's r	0.07	5.88e -3	9.00e -4	0.27***	0.09	0.02	0.20**	-0.03	0.12	—

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

Linear Regression (Honesty-Humility)

Model Summary - relcostpun

Model	R	R²	Adjusted R²	RMSE

Model Summary - relcostpun

Model	R	R²	Adjusted R²	RMSE
H_0	0.00	0.00	0.00	0.12
H_1	0.37	0.13	0.12	0.11

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H_1	Regression	0.39	4	0.10	7.59	< .001
	Residual	2.54	197	0.01		
	Total	2.93	201			

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

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H_0	(Intercept)	0.04	8.50e -3		4.92	< .001
H_1	(Intercept)	0.04	0.01		3.84	< .001
	condition	-8.33e -3	0.02	-0.03	-0.51	0.61
	aboveaverage	2.73e -4	5.00e -5	0.37	5.47	< .001
	cent_hh_total	-0.01	0.02	-0.07	-0.81	0.42
	condition ✻ cent_hh_total	9.20e -3	0.03	0.03	0.37	0.71

Linear Regression (Emotionality)

Model Summary - relcostpun

Model	R	R²	Adjusted R²	RMSE
H_0	0.00	0.00	0.00	0.12
H_1	0.40	0.16	0.14	0.11

ANOVA

Model		Sum of Squares	df	Mean Square	F	p

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H_1	Regression	0.47	4	0.12	9.29	< .001
	Residual	2.47	197	0.01		
	Total	2.93	201			

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

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H_0	(Intercept)	0.04	8.50e -3		4.92	< .001
H_1	(Intercept)	0.04	0.01		3.95	< .001
	condition	-9.77e -3	0.02	-0.04	-0.61	0.54
	aboveaverage	2.83e -4	4.94e -5	0.38	5.74	< .001
	cent_em_total	0.03	0.02	0.13	1.56	0.12
	condition ✻ cent_em_total	-0.07	0.03	-0.22	-2.57	0.01

Linear Regression (Extraversion)

Model Summary - relcostpun

Model	R	R²	Adjusted R²	RMSE
H_0	0.00	0.00	0.00	0.12
H_1	0.37	0.13	0.12	0.11

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H_1	Regression	0.39	4	0.10	7.60	< .001
	Residual	2.54	197	0.01		
	Total	2.93	201			

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

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H_0	(Intercept)	0.04	8.50e -3		4.92	< .001
H_1	(Intercept)	0.04	0.01		3.94	< .001
	condition	-9.63e -3	0.02	-0.04	-0.60	0.55
	aboveaverage	2.67e -4	4.97e -5	0.36	5.38	< .001
	cent_ex_total	0.01	0.01	0.06	0.76	0.45
	condition ∗ cent_ex_total	-0.02	0.02	-0.06	-0.78	0.44

Linear Regression (Agreeableness)

Model Summary - relcostpun

Model	R	R^2	Adjusted R^2	RMSE
H_0	0.00	0.00	0.00	0.12
H_1	0.38	0.14	0.12	0.11

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H_1	Regression	0.42	4	0.10	8.12	< .001
	Residual	2.52	197	0.01		
	Total	2.93	201			

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

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H_0	(Intercept)	0.04	8.50e -3		4.92	< .001
H_1	(Intercept)	0.04	0.01		3.83	< .001
	condition	-7.94e -3	0.02	-0.03	-0.49	0.62
	aboveaverage	2.64e -4	4.95e -5	0.35	5.34	< .001

Coefficients

Model Unstandardized Standard Error Standardized t p

	aboveaverage	2.64e -4	4.93e -5	0.33	5.34	< .001
	cent_ag_total	-0.03	0.02	-0.13	-1.58	0.11
	condition ∗ cent_ag_total	0.02	0.03	0.07	0.83	0.41

Linear Regression (Conscientiousness)

Model Summary - relcostpun

Model	R	R^2	Adjusted R^2	RMSE
H_0	0.00	0.00	0.00	0.12
H_1	0.36	0.13	0.11	0.11

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H_1	Regression	0.38	4	0.10	7.39	< .001
	Residual	2.55	197	0.01		
	Total	2.93	201			

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

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H_0	(Intercept)	0.04	8.50e -3		4.92	< .001
H_1	(Intercept)	0.04	0.01		3.90	< .001
	condition	-9.35e -3	0.02	-0.04	-0.58	0.56
	aboveaverage	2.69e -4	5.10e -5	0.36	5.27	< .001
	cent_co_total	4.97e -4	0.02	2.43e -3	0.03	0.98
	condition ∗ cent_co_total	9.94e -4	0.03	3.40e -3	0.04	0.97

Linear Regression (Openness)

Model Summary - relcostpun

Model	R	R²	Adjusted R²	RMSE
H_0	0.00	0.00	0.00	0.12
H_1	0.39	0.15	0.13	0.11

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H_1	Regression	0.44	4	0.11	8.60	< .001
	Residual	2.50	197	0.01		
	Total	2.93	201			

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

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H_0	(Intercept)	0.04	8.50e -3		4.92	< .001
H_1	(Intercept)	0.04	0.01		3.88	< .001
	condition	-8.38e -3	0.02	-0.03	-0.52	0.60
	aboveaverage	2.70e -4	4.95e -5	0.36	5.45	< .001
	cent_op_total	0.02	0.02	0.11	1.30	0.20
	condition ✻ cent_op_total	9.88e -3	0.03	0.03	0.36	0.72

Linear Regression (SVO)

Model Summary - relcostpun

Model	R	R²	Adjusted R²	RMSE
H_0	0.00	0.00	0.00	0.12
H_1	0.37	0.14	0.12	0.11

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
H_1	Regression	0.40	4	0.10	7.80	< .001
	Residual	2.53	197	0.01		
	Total	2.93	201			

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

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
H_0	(Intercept)	0.04	8.50e -3		4.92	< .001
H_1	(Intercept)	0.04	0.01		3.91	< .001
	condition	-9.17e -3	0.02	-0.04	-0.57	0.57
	aboveaverage	2.74e -4	4.99e -5	0.37	5.50	< .001
	cent_SVO	2.29e -4	8.22e -4	0.03	0.28	0.78
	condition ✻ cent_SVO	-1.20e -3	1.17e -3	-0.10	-1.03	0.31