# Life and Time - PxVx - Results Summary

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# Summary statistics

See summary tables below for means and standard deviations.

Table 1: National Sample Descriptive Statistics

								wave
		W1		W2		W3		W4
	mean	sd	mean	$\operatorname{sd}$	mean	sd	mean	$\operatorname{sd}$
Social Self-Regulation	72.92	14.12	73.44	13.74	73.91	13.65	74.47	13.90
$Conscientiousness_{BFI}$	68.56	17.36	69.01	16.69	69.02	17.01	69.53	17.11
$Industriousness_{BFAS}$	63.24	18.52	63.40	17.72	63.41	17.86	63.89	17.90
$Orderliness_{BFAS}$	61.84	16.47	62.07	16.61	62.08	16.49	62.76	16.62
$Honesty/Propriety_{BFI}$	71.14	15.78	71.68	15.79	72.11	15.39	72.38	15.34
$Agreeableness-Six_{BFI}$	59.86	18.67	60.16	18.92	60.01	18.94	60.68	19.04
$Compassion_{BFAS}$	77.51	16.25	77.87	16.04	77.40	16.41	78.13	16.12
$Politeness_{BFAS}$	69.71	16.33	70.36	16.08	70.52	15.83	70.81	15.58
$Neuroticism_{BFI}$	49.50	21.41	48.82	21.38	47.62	21.38	47.18	22.37
$Volatility_{BFAS}$	43.76	22.08	43.29	21.01	42.79	21.30	41.95	22.86
$Withdrawal_{BFAS}$	45.96	20.74	46.12	20.41	46.19	21.04	45.56	21.23
Dynamism	63.81	17.18	62.92	17.20	62.45	17.44	62.91	17.92
$Extraversion_{BFI}$	54.85	22.18	53.66	21.77	53.55	21.90	53.54	22.22
$Assertiveness_{BFAS}$	61.47	19.65	61.09	19.37	60.45	19.74	60.79	19.72
$Enthusiasm_{BFAS}$	62.01	18.75	61.45	18.88	60.94	19.26	60.59	19.67
$Openness_{BFI}$	74.23	15.00	73.67	15.09	72.58	16.06	73.05	15.88
$Intellect_{BFAS}$	75.36	15.98	75.10	15.47	74.82	16.14	75.88	15.80
$Openness_{BFAS}$	73.09	15.80	72.82	15.98	72.84	16.22	72.69	16.05
Financial Aspirations	48.71	22.31	48.54	23.03	49.11	23.32	48.59	23.59
Materialism	48.59	15.42	48.43	15.27	48.11	15.52	48.12	16.12
Horizontal Collectivism	72.19	17.07	71.39	16.95	72.37	17.23	71.82	17.18
Horizontal Individualism	74.45	15.82	74.44	15.98	74.64	15.55	73.90	15.84
Mature Values Index	61.61	8.41	61.12	8.39	61.39	8.76	61.25	8.10
Unmitigated Self-Interest	29.07	16.35	28.44	16.50	28.81	16.76	28.46	16.15
Vertical Collectivism	71.57	18.09	69.96	18.72	68.26	19.53	68.58	19.35
Vertical Individualism	47.26	19.34	47.43	18.86	46.69	19.92	46.59	19.58

Table 2: College Sample Descriptive Statistics

								wave
		W1		W2		W3		W4
	mean	$\operatorname{sd}$	mean	$\operatorname{sd}$	mean	sd	mean	$\operatorname{sd}$
Social Self-Regulation	70.25	12.17	71.29	11.67	70.93	12.14	72.52	13.06
$Conscientiousness_{BFI}$	65.10	15.84	66.47	16.12	65.86	16.51	68.05	16.30
$Industriousness_{BFAS}$	59.18	17.12	59.23	17.67	59.80	16.82	60.55	18.50
$Orderliness_{BFAS}$	59.24	16.89	60.92	17.13	61.19	16.79	61.06	16.09
$Honesty/Propriety_{BFI}$	64.29	15.09	66.26	14.61	65.74	15.70	68.63	15.77
$Agreeableness-Six_{BFI}$	60.81	17.20	60.38	16.56	60.25	15.27	63.26	15.44
$Compassion_{BFAS}$	78.82	15.59	79.89	15.08	78.55	15.00	79.35	14.71
$Politeness_{BFAS}$	66.75	15.43	68.28	15.44	68.21	15.97	68.66	14.98
$Neuroticism_{BFI}$	50.30	19.66	49.29	19.69	48.05	19.61	47.52	20.32
$Volatility_{BFAS}$	43.27	20.42	42.69	20.26	41.56	20.38	41.50	20.78
$Withdrawal_{BFAS}$	48.51	18.31	48.25	19.23	47.76	19.25	47.91	18.09
Dynamism	64.33	14.77	61.92	15.01	63.62	13.63	64.33	14.89
$Extraversion_{BFI}$	59.02	19.97	56.27	20.66	58.12	19.75	57.77	20.93
$Assertiveness_{BFAS}$	62.94	17.65	60.28	19.18	60.15	18.12	61.03	17.83
$Enthusiasm_{BFAS}$	67.22	16.71	65.13	17.65	66.85	17.09	64.92	18.54
$Openness_{BFI}$	72.29	14.84	71.12	15.73	72.64	13.82	74.56	12.54
$Intellect_{BFAS}$	71.26	14.73	71.29	14.71	70.91	15.84	72.99	15.34
$Openness_{BFAS}$	75.01	15.22	74.44	16.46	74.06	15.09	76.08	14.57
Financial Aspirations	47.41	23.29	46.01	23.06	45.67	22.58	47.30	23.78
Materialism	50.46	15.11	50.37	15.49	49.84	16.13	49.31	17.01
Horizontal Collectivism	71.59	13.94	74.07	14.22	74.22	13.21	75.09	14.43
Horizontal Individualism	73.93	15.58	73.07	16.76	74.05	15.64	75.46	16.18
Mature Values Index	60.78	9.12	61.57	9.67	61.56	8.38	61.68	8.03
Unmitigated Self-Interest	33.03	15.79	30.71	15.82	29.39	15.82	29.48	16.60
Vertical Collectivism	67.10	18.08	65.93	17.92	63.95	17.62	64.83	18.78
Vertical Individualism	49.33	19.74	46.38	19.65	48.20	20.22	47.28	20.34

Table 3: Informant Sample Descriptive Statistics

								wave
		W1		W2		W3		W4
	mean	$\operatorname{sd}$	mean	$\overline{\mathrm{sd}}$	mean	$\operatorname{sd}$	mean	$\operatorname{sd}$
Social Self-Regulation	71.98	16.80	72.94	16.32	72.66	17.53	73.07	16.85
$Conscientiousness_{BFI}$	82.41	19.99	82.19	19.21	81.47	19.92	82.54	19.97
$Industriousness_{BFAS}$								
$Orderliness_{BFAS}$								
$Honesty/Propriety_{BFI}$	68.43	19.25	69.32	17.92	69.02	18.87	69.42	18.07
$Agreeableness-Six_{BFI}$	69.43	22.83	69.74	22.70	70.06	23.83	69.71	23.81
$Compassion_{BFAS}$								
$Politeness_{BFAS}$								
$Neuroticism_{BFI}$	42.71	27.21	41.30	26.04	44.50	26.27	41.77	27.81
$Volatility_{BFAS}$								
$Withdrawal_{BFAS}$								
Dynamism	66.41	16.58	67.51	16.76	65.41	16.80	65.88	17.59
$Extraversion_{BFI}$	59.45	25.22	62.61	24.68	59.23	24.74	59.55	26.27
$Assertiveness_{BFAS}$								
$Enthusiasm_{BFAS}$								
$Openness_{BFI}$	73.37	20.39	72.41	20.00	71.58	20.30	72.20	20.35
$Intellect_{BFAS}$								
$Openness_{BFAS}$								

Values over time: National

Table 4: Financial Aspirations: cross-wave correlations

	aaspfin	baspfin	caspfin	daspfin
aaspfin	1.00	0.78	0.75	0.73
baspfin	0.78	1.00	0.81	0.78
caspfin	0.75	0.81	1.00	0.78
daspfin	0.73	0.78	0.78	1.00

Table 5: Materialism: cross-wave correlations

	$aBFA\_MT$	bBFA_MT	$\mathrm{cBFA}\mathrm{\_MT}$	dBFA_MT
aBFA_MT	1.00	0.79	0.77	0.74
$bBFA\_MT$	0.79	1.00	0.82	0.78
$\mathrm{cBFA}\mathrm{\_MT}$	0.77	0.82	1.00	0.83
$\mathrm{dBFA}\mathrm{\underline{MT}}$	0.74	0.78	0.83	1.00

Table 6: Horizontal Collectivism: cross-wave correlations

	aHRZ_COL	bHRZ_COL	${\rm cHRZ\_COL}$	dHRZ_COL
aHRZ_COL	1.00	0.72	0.67	0.68
$\rm bHRZ\_COL$	0.72	1.00	0.73	0.71
$cHRZ\_COL$	0.67	0.73	1.00	0.73
$dHRZ\_COL$	0.68	0.71	0.73	1.00

Table 7: Horizontal Individualism: cross-wave correlations

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	$aHRZ\_IND$	bHRZ_IND	${\rm cHRZ\_IND}$	$\mathrm{dHRZ}$ _IND
aHRZ_IND	1.00	0.56	0.54	0.53
$\rm bHRZ\_IND$	0.56	1.00	0.55	0.61
$\mathrm{cHRZ}$ _IND	0.54	0.55	1.00	0.63
$\mathrm{dHRZ}$ _IND	0.53	0.61	0.63	1.00

Table 8: Mature Values Index: cross-wave correlations

	aMVI_POMP	bMVI_POMP	cMVI_POMP	dMVI_POMP
aMVI_POMP	1.00	0.79	0.74	0.75
bMVI_POMP	0.79	1.00	0.80	0.81
$cMVI\_POMP$	0.74	0.80	1.00	0.81
$dMVI\_POMP$	0.75	0.81	0.81	1.00

 ${\bf Table~9:~Unmitigated~Self\text{-}Interest:~cross-wave~correlations}$ 

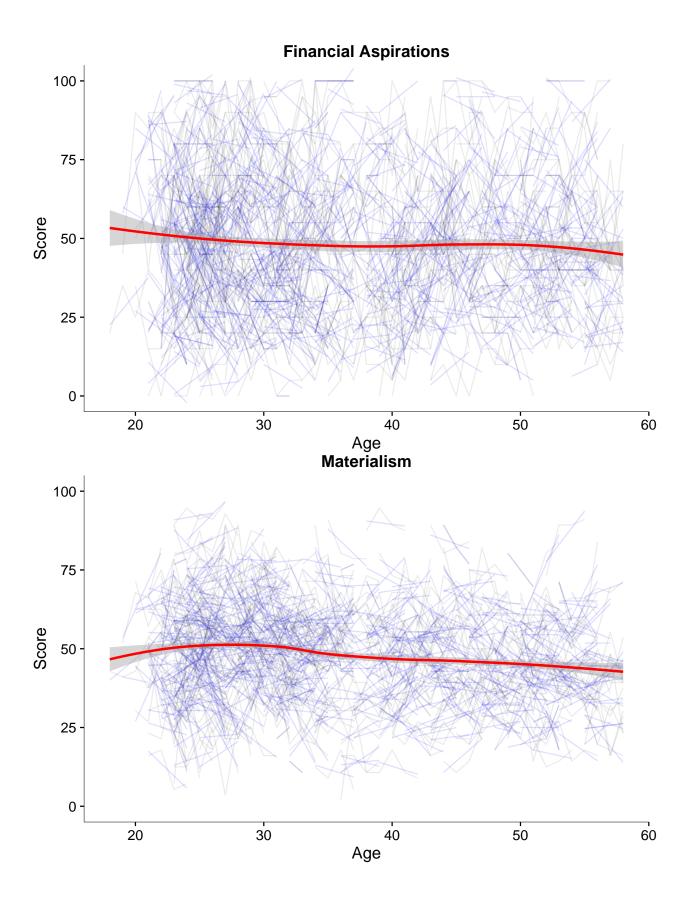
	aUSI	bUSI	cUSI	dUSI
aUSI	1.00	0.76	0.74	0.72
bUSI	0.76	1.00	0.77	0.74
cUSI	0.74	0.77	1.00	0.81
dUSI	0.72	0.74	0.81	1.00

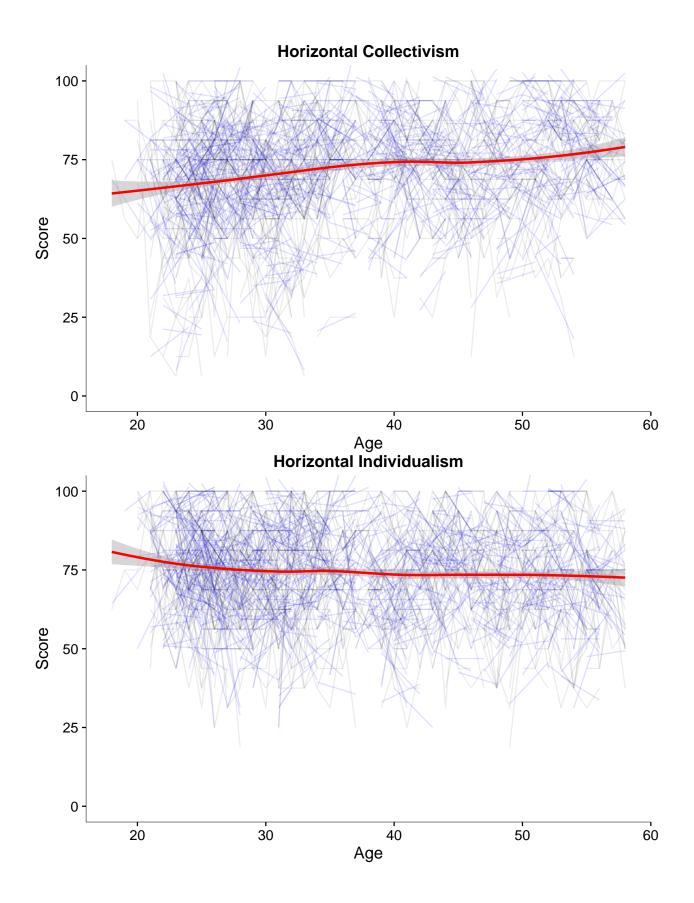
Table 10: Vertical Collectivism: cross-wave correlations						
	$aVRT\_COL$	$bVRT\_COL$	${\rm cVRT\_COL}$	$\mathrm{dVRT\_COL}$		
aVRT_COL	1.00	0.70	0.65	0.69		
$bVRT\_COL$	0.70	1.00	0.71	0.73		
$cVRT\_COL$	0.65	0.71	1.00	0.74		
$dVRT\_COL$	0.69	0.73	0.74	1.00		

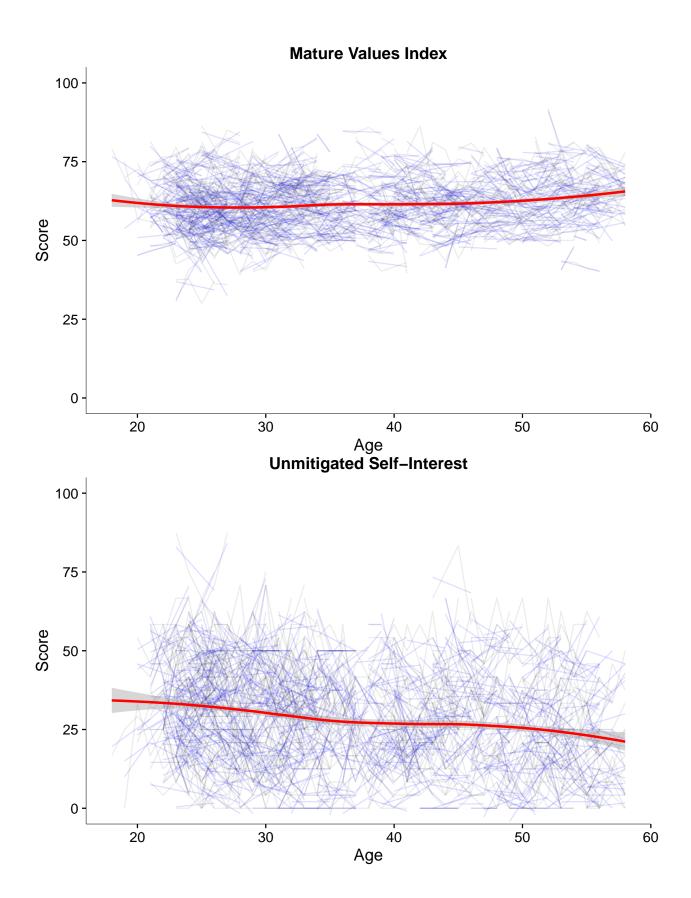
Table 11: Vertical Individualism: cross-wave correlations					
	aVRT_IND	bVRT_IND	${ m cVRT\_IND}$	dVRT_IND	
aVRT_IND	1.00	0.68	0.64	0.64	
$bVRT_{IND}$	0.68	1.00	0.70	0.71	
$\mathrm{cVRT}$ _IND	0.64	0.70	1.00	0.74	
$dVRT\_IND$	0.64	0.71	0.74	1.00	

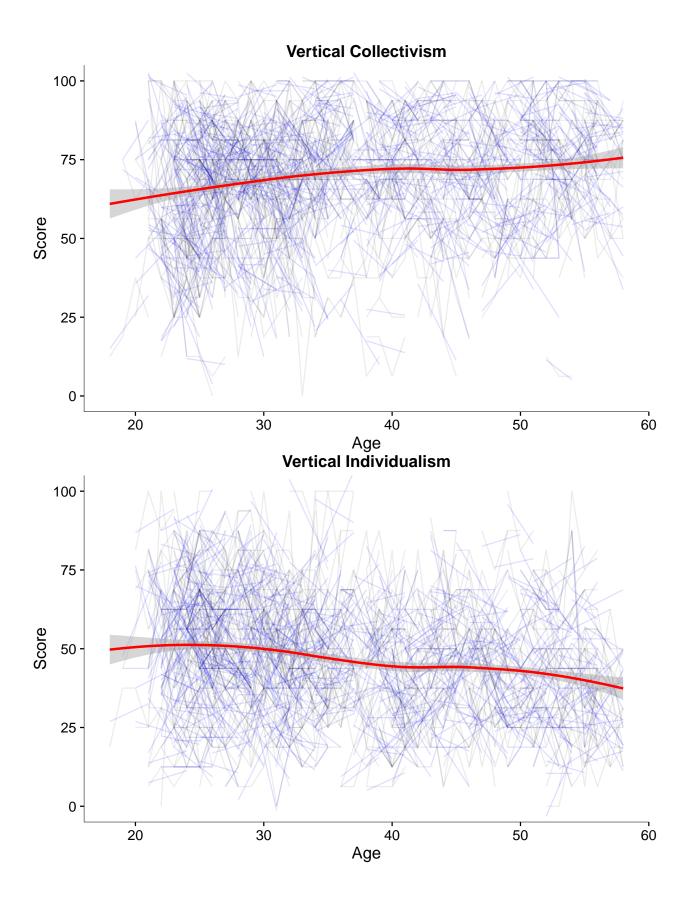
# Values over time: National - Plots

NB: Three participants have age at wave 1 that is 56 or greater. These are not shown in the below plots.









Values over time: College

Table 12: Financial Aspirations: cross-wave correlations

	aaspfin	baspfin	caspfin	daspfin
aaspfin	1.00	0.78	0.64	0.65
baspfin	0.78	1.00	0.66	0.73
caspfin	0.64	0.66	1.00	0.75
daspfin	0.65	0.73	0.75	1.00

Table 13: Materialism: cross-wave correlations

	$aBFA\_MT$	bBFA_MT	${\rm cBFA\_MT}$	dBFA_MT
aBFA_MT	1.00	0.78	0.69	0.67
$bBFA\_MT$	0.78	1.00	0.76	0.74
$\mathrm{cBFA}\mathrm{\_MT}$	0.69	0.76	1.00	0.84
$\mathrm{dBFA}\mathrm{\underline{MT}}$	0.67	0.74	0.84	1.00

Table 14: Horizontal Collectivism: cross-wave correlations

	aHRZ_COL	bHRZ_COL	${\rm cHRZ\_COL}$	$\mathrm{dHRZ}\mathrm{\_COL}$
aHRZ_COL	1.00	0.53	0.58	0.59
$\rm bHRZ\_COL$	0.53	1.00	0.67	0.58
$\mathrm{cHRZ}\_\mathrm{COL}$	0.58	0.67	1.00	0.59
$\mathrm{dHRZ}\mathrm{\_COL}$	0.59	0.58	0.59	1.00

Table 15: Horizontal Individualism: cross-wave correlations

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	$aHRZ\_IND$	bHRZ_IND	${\rm cHRZ\_IND}$	$\mathrm{dHRZ}$ _IND
aHRZ_IND	1.00	0.64	0.56	0.56
$\rm bHRZ\_IND$	0.64	1.00	0.71	0.55
$\mathrm{cHRZ}$ _IND	0.56	0.71	1.00	0.55
$\mathrm{dHRZ}$ _IND	0.56	0.55	0.55	1.00

Table 16: Mature Values Index: cross-wave correlations

	aMVI_POMP	bMVI_POMP	cMVI_POMP	dMVI_POMP
aMVI_POMP	1.00	0.80	0.75	0.75
bMVI_POMP	0.80	1.00	0.79	0.74
$cMVI\_POMP$	0.75	0.79	1.00	0.76
$dMVI\_POMP$	0.75	0.74	0.76	1.00

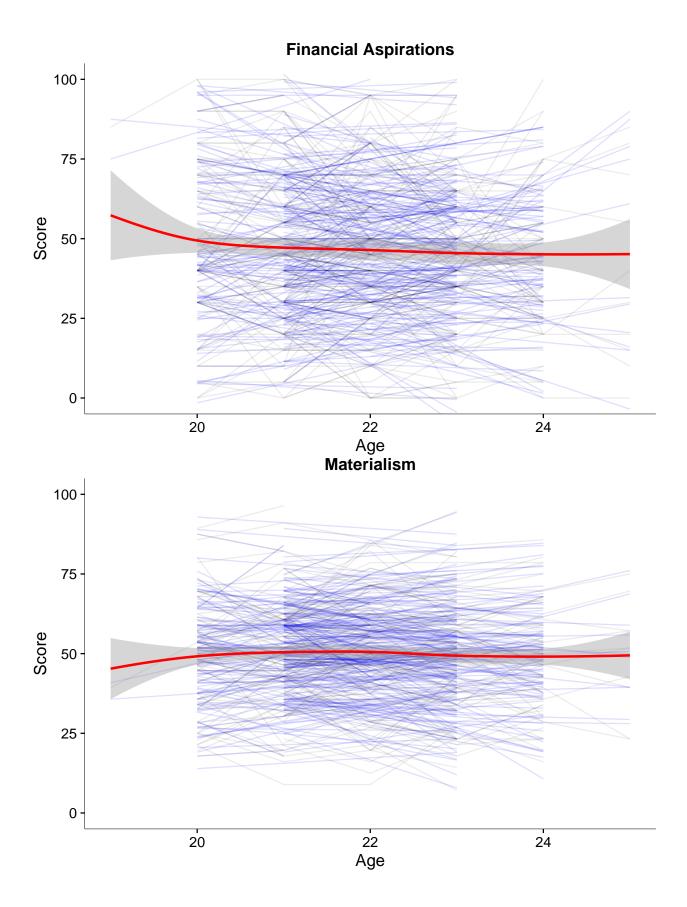
Table 17: Unmitigated Self-Interest: cross-wave correlations

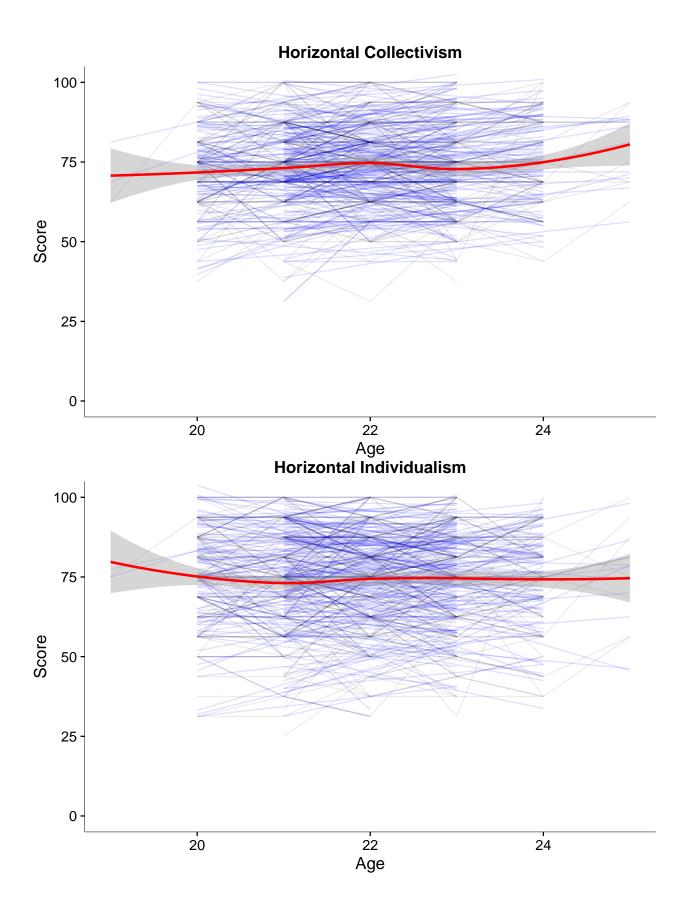
	aUSI	bUSI	cUSI	$\mathrm{dUSI}$
aUSI	1.00	0.71	0.70	0.66
bUSI	0.71	1.00	0.73	0.64
cUSI	0.70	0.73	1.00	0.72
dUSI	0.66	0.64	0.72	1.00

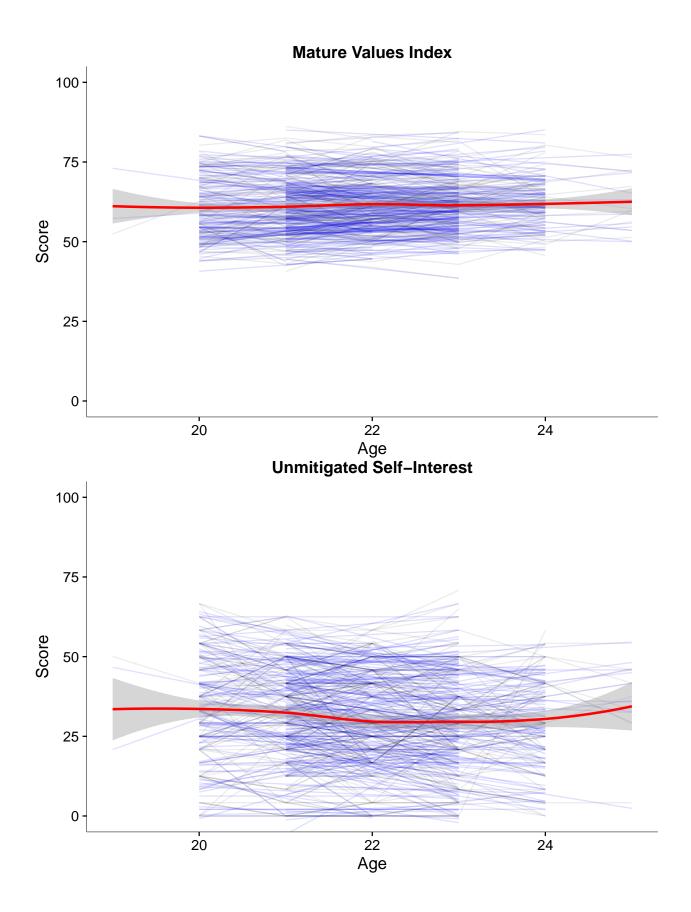
Table	e 18: Vertical C	Collectivism: cro	ss-wave correla	tions
	$aVRT\_COL$	$bVRT\_COL$	${\rm cVRT\_COL}$	$\mathrm{dVRT}\_\mathrm{COL}$
aVRT_COL	1.00	0.64	0.60	0.64
$bVRT\_COL$	0.64	1.00	0.61	0.62
$cVRT\_COL$	0.60	0.61	1.00	0.64
$dVRT\_COL$	0.64	0.62	0.64	1.00

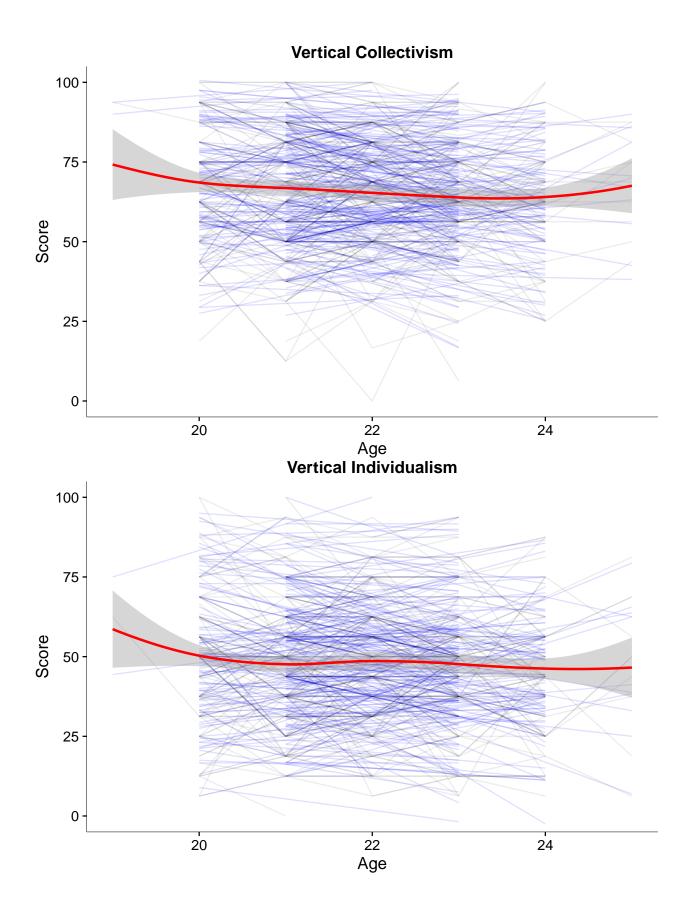
Table	19: Vertical In	dividualism: cr	oss-wave correl	lations
	aVRT_IND	bVRT_IND	cVRT_IND	dVRT_IND
aVRT_IND	1.00	0.68	0.67	0.61
$bVRT_{IND}$	0.68	1.00	0.68	0.64
$cVRT\_IND$	0.67	0.68	1.00	0.70
$dVRT\_IND$	0.61	0.64	0.70	1.00

Values over time: College - Plots









# What models are these results from?

#### National

All models are full linear -> linear

# College

Only the full model testing HRZ\_IND with D\_SCALE didn't converge. We can use univariate fit statistics to determine that we should choose to use the model with restricted slope variance for HRZ\_IND.

# **Parameter Summaries**

The tables summarize the results of the models.

 $\hbox{ Table 20: Auto-Regressive Associations Between } \textbf{Financial Aspirations} \ \hbox{and Personality Scales, Accounting for Age} \\$ 

		N	ational S	Sample		,	Student	Sample	Informant Sample				
	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$r_{P_sV_s}$	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$\mathrm{r}_{P_sV_s}$	$P \rightarrow V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$\mathrm{r}_{P_sV_s}$	
Social Self-Regulation	-0.06	-0.04	0.03	0.16	-0.07	-0.06	0.15	0.28	-0.04	0.03	0.03	-0.67	
$Conscientiousness_{BFI}$	0.03	-0.02	0.10	0.06	-0.08	-0.03	0.28	0.27	0.01	0.02	-0.06	-0.45	
$Industriousness_{BFAS}$	0.11	-0.03	0.05	0.23	0.00	-0.08	0.45	0.30					
$Orderliness_{BFAS}$	0.00	-0.04	0.24	0.14	-0.06	-0.07	0.41	0.54					
Honesty/Propriety <sub>BFI</sub>	-0.05	-0.00	-0.21	-0.02	-0.07	-0.08	0.20	0.55	-0.04	0.03	-0.05	-0.44	
$Agreeableness-Six_{BFI}$	-0.04	-0.01	-0.15	-0.05	-0.06	-0.09	-0.12	0.11	-0.01	0.05	0.05	-0.64	
$Compassion_{BFAS}$	0.06	-0.03	-0.26	-0.67	-0.03	-0.01	-0.16	0.18					
$Politeness_{BFAS}$	-0.01	-0.04	-0.14	-0.50	-0.11	-0.08	-0.17	0.18					
$Neuroticism_{BFI}$	-0.05	0.05	-0.07	0.29	0.01	-0.07	0.02	0.49	-0.01	-0.11	-0.01	0.62	
$Volatility_{BFAS}$	0.01	0.03	-0.02	0.01	0.17	-0.02	0.05	0.53					
$Withdrawal_{BFAS}$	-0.03	-0.02	0.06	0.04	0.03	0.03	-0.15	0.32					
Dynamism	0.06	-0.01	0.24	-0.06	0.05	0.09	0.01	-0.29	0.06	0.07	-0.25	-0.49	
$Extraversion_{BFI}$	-0.01	-0.03	0.25	0.54	0.10	0.10	-0.06	-0.29	0.06	0.10	-0.19	-0.05	
$Assertiveness_{BFAS}$	0.02	-0.04	0.25	0.00	0.06	0.02	0.17	0.06					
$Enthusiasm_{BFAS}$	0.05	-0.00	0.01	0.28	-0.01	0.00	-0.10	-0.18					
$Openness_{BFI}$	0.06	-0.01	-0.05	-0.14	0.02	0.05	-0.42	-0.55	-0.01	0.04	-0.23	-0.47	
$Intellect_{BFAS}$	-0.02	-0.03	0.01	-0.65	-0.01	0.01	-0.08	0.08					
$Openness_{BFAS}$	-0.02	-0.04	-0.03	-0.03	-0.12	-0.05	-0.25	-0.02					

 ${\it Table~21:~Auto-Regressive~Associations~Between~{\bf Materialism~and~Personality~Scales,~Accounting~for~Age}$ 

		N	ational S	Sample		St	tudent S	Sample	Informant Sample			
	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$\mathbf{r}_{P_sV_s}$	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	${ m r}_{P_sV_s}$	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$\mathbf{r}_{P_sV_s}$
Social Self-Regulation	-0.06	-0.11	-0.08	-0.46	-0.19	-0.19	0.42	0.44	0.00	0.07	-0.14	-0.54
$Conscientiousness_{BFI}$	-0.03	-0.07	-0.01	0.13	-0.09	-0.19	0.41	0.65	-0.04	-0.11	0.07	0.16
$Industriousness_{BFAS}$	0.04	0.01	-0.19	-0.77	-0.04	-0.19	0.44	0.61				
$Orderliness_{BFAS}$	-0.07	-0.09	0.39	0.12	0.13	-0.08	0.31	0.58				
$Honesty/Propriety_{BFI}$	-0.03	-0.10	-0.15	-0.43	-0.02	-0.07	0.17	0.63	0.03	0.13	-0.22	-0.64
$Agreeableness-Six_{BFI}$	-0.07	-0.11	-0.24	-0.32	-0.13	-0.19	-0.10	0.37	0.01	0.01	-0.12	-0.67
$Compassion_{BFAS}$	-0.04	-0.07	-0.02	-0.36	-0.19	-0.17	0.48	0.60				
$Politeness_{BFAS}$	-0.03	-0.05	-0.18	-0.67	-0.13	-0.20	0.21	0.51				
$Neuroticism_{BFI}$	-0.00	0.08	0.27	0.48	-0.09	-0.12	0.50	0.88	-0.01	0.07	0.09	0.22
$Volatility_{BFAS}$	-0.01	0.07	0.37	0.48	-0.05	-0.13	0.68	0.45				
$Withdrawal_{BFAS}$	-0.02	0.02	0.38	0.53	-0.13	0.04	0.40	0.06				
Dynamism	0.01	-0.01	-0.08	0.04	-0.05	-0.02	0.05	0.55	-0.04	-0.04	0.04	-0.02
$Extraversion_{BFI}$	-0.05	0.03	0.07	0.16	0.01	-0.07	0.14	0.56	-0.04	-0.10	0.08	0.07
$Assertiveness_{BFAS}$	-0.04	-0.09	0.15	0.12	-0.03	-0.04	0.18	0.62				
$Enthusiasm_{BFAS}$	-0.03	-0.03	0.07	0.23	-0.07	-0.12	0.36	0.47				
$Openness_{BFI}$	-0.01	-0.10	0.02	0.34	-0.10	0.01	-0.11	0.54	-0.01	0.04	-0.05	-0.21
$Intellect_{BFAS}$	-0.07	-0.06	0.01	-0.18	-0.13	0.04	0.03	0.09				
$Openness_{BFAS}$	-0.05	-0.03	0.01	0.22	-0.15	-0.18	0.10	0.55				

Table 22: Auto-Regressive Associations Between **Horizontal Collectivism** and Personality Scales, Accounting for Age

		N	ational S	Sample		$S_1$	tudent S	Sample	Informant Sample			
	$P \to V$	$V \to P$	$r_{P_iV_i}$	$r_{P_sV_s}$	$P \to V$	$V \to P$	$r_{P_iV_i}$	$r_{P_sV_s}$	$P \to V$	$V \to P$	$r_{P_iV_i}$	$r_{P_sV_s}$
Social Self-Regulation	0.10	0.06	0.48	0.03	0.03	-0.09	0.60	0.46	0.07	-0.03	0.37	-0.38
$Conscientiousness_{BFI}$	0.00	0.03	0.29	0.36	-0.11	-0.02	0.19	0.04	0.02	-0.01	0.27	-0.12
$Industriousness_{BFAS}$	-0.01	0.02	0.32	0.45	-0.04	-0.01	0.02	-0.28				
$Orderliness_{BFAS}$	0.04	0.06	0.03	-0.07	-0.07	0.02	0.18	0.61				
$Honesty/Propriety_{BFI}$	0.02	0.04	0.38	-0.31	-0.10	-0.14	0.40	-0.47	0.09	-0.04	0.25	-0.78
$Agreeableness-Six_{BFI}$	0.07	0.08	0.45	-0.51	-0.00	-0.07	0.23	-0.45	0.03	-0.08	0.50	0.21
$Compassion_{BFAS}$	0.07	0.02	0.54	0.60	0.10	-0.01	0.64	0.43				
$Politeness_{BFAS}$	0.04	-0.02	0.52	-0.42	-0.03	-0.12	0.62	0.53				
$Neuroticism_{BFI}$	-0.06	-0.05	-0.13	-0.42	-0.01	0.07	0.09	0.74	-0.05	-0.06	-0.08	0.02
$Volatility_{BFAS}$	-0.01	-0.01	-0.35	-0.43	0.07	0.16	-0.46	0.64				
$Withdrawal_{BFAS}$	-0.04	-0.04	-0.23	0.04	0.02	0.01	0.01	0.79				
Dynamism	0.03	0.05	0.24	0.85	0.17	0.01	-0.11	-0.87	-0.03	-0.04	0.37	0.59
Extraversion <sub>BFI</sub>	0.00	0.03	0.30	0.84	0.05	0.03	-0.02	-0.61	0.00	0.08	0.27	0.81
Assertiveness <sub>BFAS</sub>	0.01	0.04	0.08	0.81	0.08	0.01	0.15	0.46				
$Enthusiasm_{BFAS}$	0.02	0.02	0.48	0.73	0.04	-0.02	0.17	-0.54				
$Openness_{BFI}$	0.00	0.04	0.07	0.71	0.21	0.01	-0.01	-0.47	-0.03	-0.14	0.25	0.13
$Intellect_{BFAS}$	-0.10	-0.08	0.35	0.03	0.05	-0.01	0.14	0.11				
Openness <sub>BFAS</sub>	0.01	0.04	0.17	0.02	0.04	0.03	0.44	0.64				

 $\hbox{ Table 23: Auto-Regressive Associations Between \ \textbf{Horizontal Individualism} \ and \ Personality \ Scales, \ Accounting for \ Age }$ 

		Na	tional S	Sample		St	tudent S	Sample		Info	rmant S	Sample
	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$r_{P_sV_s}$	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$r_{P_sV_s}$	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$\mathrm{r}_{P_sV_s}$
Social Self-Regulation	-0.10	0.01	0.09	0.73	0.06	-0.11	0.33	0.30	-0.01	-0.06	-0.09	-0.38
$Conscientiousness_{BFI}$	-0.02	0.03	0.21	0.56	0.05	-0.06	0.22	0.61	-0.04	-0.04	0.10	0.36
$Industriousness_{BFAS}$	0.01	0.04	0.13	0.76	-0.07	-0.12	0.60	0.72				
$Orderliness_{BFAS}$	0.03	-0.01	0.09	0.82	0.17	-0.09	0.18	0.33				
$Honesty/Propriety_{BFI}$	-0.07	-0.02	0.06	0.59	-0.00	-0.07	0.21	0.75	0.01	-0.07	-0.14	-0.53
$Agreeableness-Six_{BFI}$	-0.04	-0.02	-0.13	0.40	-0.08	-0.10	0.09	0.19	0.01	-0.10	-0.13	-0.44
$Compassion_{BFAS}$	-0.04	0.01	-0.08	0.44	0.13	-0.01	0.06	0.68				
$Politeness_{BFAS}$	-0.01	-0.06	-0.02	0.56	-0.10	-0.16	0.34	0.67				
$Neuroticism_{BFI}$	-0.05	-0.06	0.07	0.39	-0.11	-0.03	0.13	0.39	0.02	-0.06	-0.04	0.13
$Volatility_{BFAS}$	-0.01	-0.01	0.01	0.24	-0.18	-0.01	0.10	0.35				
$Withdrawal_{BFAS}$	-0.05	-0.08	0.08	0.41	0.01	-0.00	-0.11	-0.17				
Dynamism	-0.02	0.01	0.19	0.32	0.31	0.10	-0.46	NA	-0.03	-0.00	-0.02	-0.39
$Extraversion_{BFI}$	-0.00	-0.02	0.11	0.26	0.02	-0.05	0.16	0.57	-0.04	0.01	-0.00	-0.09
$Assertiveness_{BFAS}$	0.04	0.01	0.12	0.03	0.04	-0.04	0.28	0.06				
$Enthusiasm_{BFAS}$	0.02	-0.00	-0.14	0.29	-0.06	-0.07	0.13	0.18				
$Openness_{BFI}$	-0.00	-0.01	0.18	0.70	0.10	0.01	0.25	0.74	-0.00	-0.01	-0.01	-0.54
$Intellect_{BFAS}$	-0.01	0.01	0.24	0.07	-0.12	-0.01	0.60	0.29				
$Openness_{BFAS}$	-0.05	-0.05	0.23	0.74	-0.04	-0.04	0.39	0.35				

Table 24: Auto-Regressive Associations Between **Mature Values Index** and Personality Scales, Accounting for Age

		N	ational S	Sample		St	tudent S	Sample	Informant Sample				
	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$r_{P_sV_s}$	$P \to V$	$V \to P$	$\mathrm{r}_{P_iV_i}$	$r_{P_sV_s}$	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$\mathrm{r}_{P_sV_s}$	
Social Self-Regulation	0.03	0.08	0.12	0.00	-0.05	-0.21	0.70	0.51	0.00	-0.07	0.03	0.64	
$Conscientiousness_{BFI}$	0.02	0.04	-0.04	-0.10	-0.02	-0.12	0.18	-0.20	-0.01	-0.16	0.22	0.63	
$Industriousness_{BFAS}$	-0.01	0.04	-0.05	-0.18	-0.07	-0.25	0.32	0.06					
$Orderliness_{BFAS}$	0.00	-0.03	-0.25	0.00	0.02	-0.07	-0.18	-0.45					
Honesty/Propriety <sub>BFI</sub>	-0.01	0.10	0.30	-0.48	-0.04	-0.07	0.38	0.60	0.00	-0.17	0.12	0.59	
$Agreeableness-Six_{BFI}$	0.00	0.05	0.27	-0.03	-0.03	-0.03	0.46	0.58	0.01	-0.00	-0.04	0.79	
$Compassion_{BFAS}$	0.00	0.13	0.37	0.57	-0.03	-0.13	0.66	0.59					
$Politeness_{BFAS}$	-0.02	0.06	0.34	0.69	-0.03	-0.20	0.70	0.77					
$Neuroticism_{BFI}$	0.01	-0.15	0.04	0.16	0.03	0.33	-0.32	-0.55	-0.01	-0.14	0.21	-0.32	
$Volatility_{BFAS}$	-0.02	-0.09	-0.01	-0.13	0.07	0.05	-0.51	-0.66					
$Withdrawal_{BFAS}$	-0.02	-0.04	0.03	0.06	-0.01	-0.02	0.00	-0.02					
Dynamism	-0.01	-0.05	0.01	0.18	-0.02	0.04	0.05	0.07	0.01	-0.03	0.15	0.62	
$Extraversion_{BFI}$	-0.01	0.05	-0.11	-0.52	-0.04	-0.18	0.05	-0.05	0.01	-0.04	-0.01	0.61	
$Assertiveness_{BFAS}$	0.02	0.13	-0.18	-0.32	-0.03	-0.12	-0.05	-0.49					
$Enthusiasm_{BFAS}$	0.01	-0.01	-0.04	-0.04	-0.07	-0.21	0.39	0.39					
$Openness_{BFI}$	-0.01	-0.03	0.46	0.38	-0.07	0.04	0.68	0.76	0.01	-0.02	0.34	0.39	
$Intellect_{BFAS}$	0.02	0.05	0.16	0.77	0.01	-0.13	0.37	0.41					
$Openness_{BFAS}$	0.01	0.13	0.45	0.69	0.09	0.08	0.54	-0.02					

 $\begin{tabular}{ll} Table 25: Auto-Regressive Associations Between {\bf Unmitigated Self-Interest} and Personality Scales, Accounting for Age \\ \end{tabular}$ 

		N	ational S	Student Sample				Informant Sample				
	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$\mathbf{r}_{P_sV_s}$	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	${ m r}_{P_sV_s}$	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$\mathbf{r}_{P_sV_s}$
Social Self-Regulation	-0.05	-0.06	-0.10	-0.07	0.17	-0.03	-0.40	-0.47	-0.03	-0.05	-0.04	0.08
$Conscientiousness_{BFI}$	-0.08	-0.08	0.23	-0.47	0.03	-0.00	-0.27	-0.39	-0.03	-0.03	-0.09	-0.16
$Industriousness_{BFAS}$	0.00	0.03	0.02	-0.61	0.00	-0.18	0.36	0.54				
$Orderliness_{BFAS}$	-0.03	-0.08	0.23	0.38	-0.05	0.17	-0.10	0.03				
$Honesty/Propriety_{BFI}$	-0.05	-0.09	-0.19	0.37	0.19	0.10	-0.58	0.02	-0.03	-0.01	-0.15	-0.11
$Agreeableness-Six_{BFI}$	0.06	-0.04	-0.35	-0.21	-0.08	0.01	0.06	0.45	-0.01	-0.10	0.06	-0.38
$Compassion_{BFAS}$	-0.01	-0.03	-0.41	-0.56	-0.11	-0.17	0.13	0.59				
$Politeness_{BFAS}$	0.00	-0.04	-0.30	-0.55	-0.04	-0.00	-0.36	0.03				
$Neuroticism_{BFI}$	-0.07	0.01	0.16	0.63	-0.18	-0.03	0.33	0.48	0.02	0.08	-0.12	0.30
$Volatility_{BFAS}$	-0.04	0.03	0.22	0.48	-0.09	-0.05	0.44	0.60				
$Withdrawal_{BFAS}$	-0.06	-0.03	0.22	0.29	-0.12	-0.13	0.39	0.20				
Dynamism	-0.01	-0.04	0.15	-0.64	-0.04	-0.06	0.34	0.42	-0.01	0.03	-0.09	-0.29
$Extraversion_{BFI}$	0.03	0.01	0.04	0.18	-0.06	-0.15	0.50	0.65	-0.01	0.01	0.04	-0.22
$Assertiveness_{BFAS}$	-0.02	-0.02	0.12	0.07	0.01	0.05	-0.14	-0.20				
$Enthusiasm_{BFAS}$	0.04	0.02	-0.12	0.08	-0.09	-0.08	0.33	-0.03				
$Openness_{BFI}$	-0.03	-0.07	-0.10	-0.67	0.17	0.04	-0.47	-0.60	0.00	0.03	-0.20	-0.39
$Intellect_{BFAS}$	-0.07	-0.05	-0.08	-0.11	-0.10	-0.08	-0.05	-0.45				
$Openness_{BFAS}$	-0.05	-0.06	-0.11	-0.38	-0.08	0.02	-0.29	-0.22				

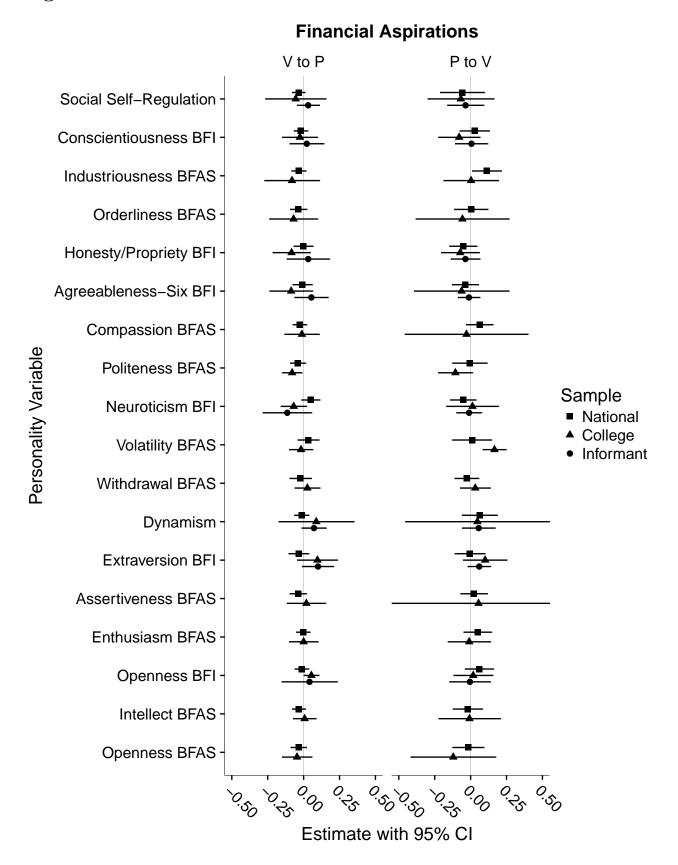
Table 26: Auto-Regressive Associations Between **Vertical Collectivism** and Personality Scales, Accounting for Age

		N	Student Sample				Informant Sample					
	$P \rightarrow V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$r_{P_sV_s}$	$P \to V$	$V \to P$	$r_{P_iV_i}$	$r_{P_sV_s}$	$P \to V$	$V \to P$	$r_{P_iV_i}$	$\mathrm{r}_{P_sV_s}$
Social Self-Regulation	0.05	0.01	0.38	0.54	0.21	-0.10	0.39	0.07	-0.03	-0.02	0.42	-0.65
$Conscientiousness_{BFI}$	-0.01	0.03	0.20	0.53	-0.07	-0.12	0.37	0.38	-0.05	-0.05	0.29	-0.37
$Industriousness_{BFAS}$	0.03	0.01	0.25	0.00	0.09	-0.17	0.41	0.48				
$Orderliness_{BFAS}$	0.04	-0.01	0.19	0.78	-0.14	-0.02	0.44	0.74				
$Honesty/Propriety_{BFI}$	0.00	0.02	0.24	0.41	0.07	-0.06	0.38	0.35	-0.02	-0.06	0.39	-0.74
$Agreeableness-Six_{BFI}$	0.08	0.03	0.10	0.09	0.07	-0.04	-0.11	-0.68	0.03	0.05	0.26	-0.47
$Compassion_{BFAS}$	0.05	0.01	0.25	-0.13	0.30	0.03	0.04	0.55				
$Politeness_{BFAS}$	-0.03	0.01	0.43	-0.34	0.10	-0.05	0.26	0.56				
$Neuroticism_{BFI}$	-0.02	0.00	-0.05	-0.52	0.18	0.11	-0.24	-0.33	0.03	-0.10	-0.12	0.27
$Volatility_{BFAS}$	0.01	0.05	-0.21	-0.09	-0.03	-0.03	0.08	0.58				
$Withdrawal_{BFAS}$	-0.04	-0.03	0.04	0.30	0.09	0.03	-0.07	-0.08				
Dynamism	-0.06	0.00	0.16	0.38	0.14	0.08	-0.18	-0.54	0.04	0.09	-0.23	-0.21
$Extraversion_{BFI}$	-0.08	-0.01	0.20	0.21	0.05	-0.02	0.08	0.48	-0.01	0.10	-0.03	-0.14
$Assertiveness_{BFAS}$	-0.04	-0.00	0.11	0.04	0.12	-0.00	0.13	0.58				
$Enthusiasm_{BFAS}$	0.03	0.03	0.19	-0.55	0.05	-0.09	0.15	-0.39				
$Openness_{BFI}$	-0.02	0.02	-0.07	0.27	0.22	0.01	-0.29	-0.68	0.06	0.07	-0.37	-0.27
$Intellect_{BFAS}$	-0.03	-0.03	0.07	-0.38	0.05	-0.02	0.21	-0.10				
$Openness_{BFAS}$	0.02	0.02	-0.02	0.26	0.25	0.05	-0.17	0.18				

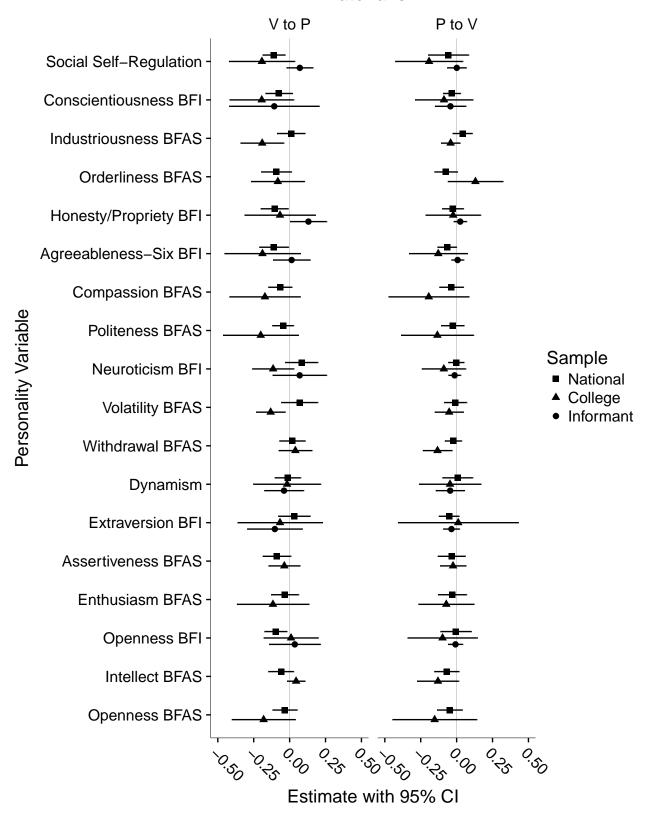
 $\hbox{ Table 27: Auto-Regressive Associations Between } \textbf{Vertical Individualism} \text{ and Personality Scales, Accounting for Age} \\$ 

	National Sample				Student Sample				Informant Sample			
	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$\mathbf{r}_{P_sV_s}$	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$\mathbf{r}_{P_sV_s}$	$P \to V$	$V \to P$	$\mathbf{r}_{P_iV_i}$	$\mathbf{r}_{P_sV_s}$
Social Self-Regulation	-0.07	-0.02	-0.20	0.04	0.06	0.12	-0.76	-0.27	-0.02	-0.01	-0.06	-0.31
$Conscientiousness_{BFI}$	0.03	0.03	-0.07	0.43	0.10	-0.01	0.02	0.52	0.01	0.01	-0.13	0.20
$Industriousness_{BFAS}$	0.00	0.03	-0.04	0.47	-0.06	-0.12	0.52	0.69				
$Orderliness_{BFAS}$	0.03	-0.00	0.07	0.35	0.12	0.00	0.25	0.50				
$Honesty/Propriety_{BFI}$	-0.03	-0.03	-0.31	0.02	0.15	0.11	-0.55	0.01	-0.02	-0.11	0.05	-0.35
$Agreeableness-Six_{BFI}$	-0.05	-0.01	-0.27	-0.42	-0.01	0.01	-0.56	-0.23	-0.03	-0.06	0.03	-0.49
$Compassion_{BFAS}$	-0.01	-0.09	-0.22	-0.74	0.09	0.02	-0.44	0.04				
$Politeness_{BFAS}$	-0.05	-0.09	-0.32	-0.58	-0.21	-0.00	-0.30	0.16				
$Neuroticism_{BFI}$	0.03	0.04	0.00	0.57	0.04	0.03	-0.10	-0.42	-0.04	0.00	0.02	0.16
$Volatility_{BFAS}$	0.11	0.08	-0.03	0.05	-0.05	-0.08	0.42	0.44				
$Withdrawal_{BFAS}$	-0.01	-0.03	0.17	-0.12	0.00	0.01	-0.03	-0.49				
Dynamism	-0.03	-0.01	0.21	-0.46	0.09	-0.03	0.01	0.40	-0.08	-0.02	-0.03	-0.53
$Extraversion_{BFI}$	0.01	-0.01	0.13	0.16	0.01	-0.04	0.10	0.71	-0.08	-0.04	0.14	-0.26
$Assertiveness_{BFAS}$	0.02	0.00	0.17	-0.26	-0.15	0.01	0.21	0.34				
$Enthusiasm_{BFAS}$	0.00	0.00	-0.05	-0.18	-0.16	-0.17	0.38	0.80				
$Openness_{BFI}$	-0.02	-0.05	-0.01	-0.51	0.14	0.02	-0.36	-0.30	-0.01	0.01	-0.23	-0.46
$Intellect_{BFAS}$	-0.08	-0.07	0.15	-0.71	0.01	0.04	-0.17	-0.36				
$Openness_{BFAS}$	-0.13	-0.09	0.05	-0.45	0.08	0.03	-0.36	0.12				

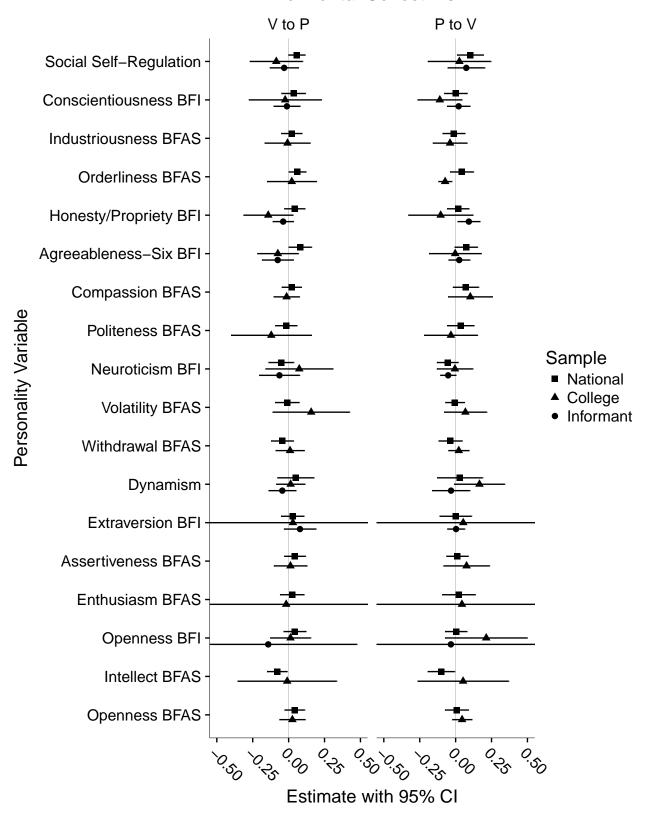
# Figures



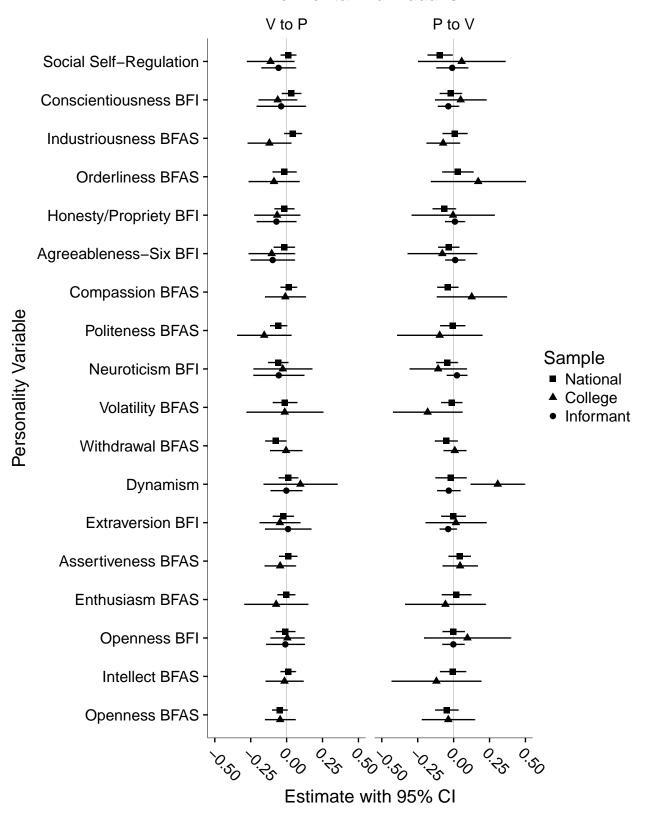
#### **Materialism**



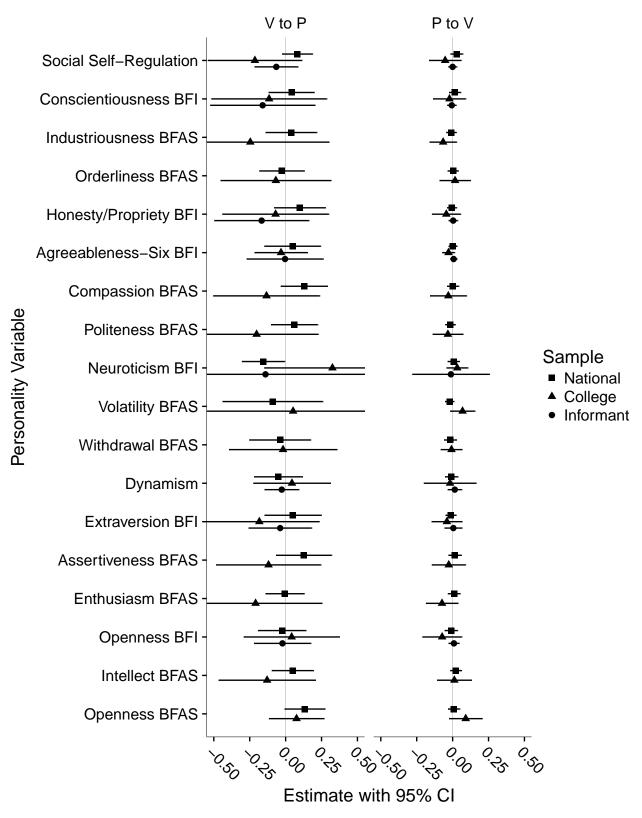
#### **Horizontal Collectivism**



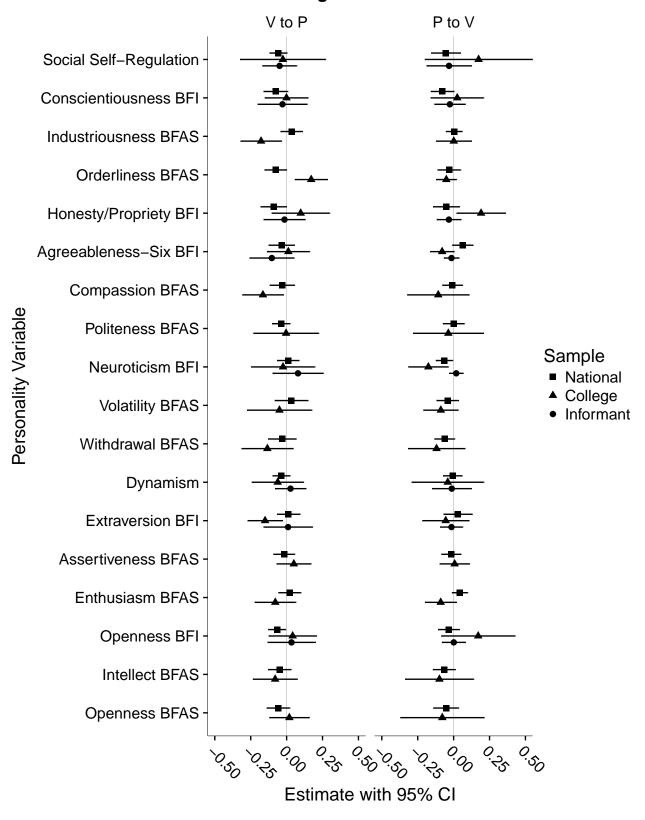
#### **Horizontal Individualism**



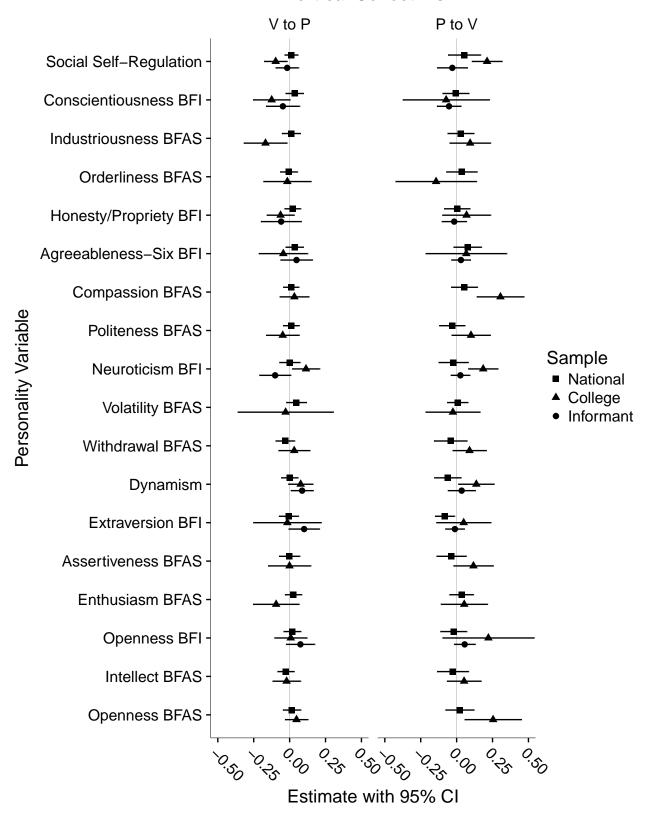
#### **Mature Values Index**



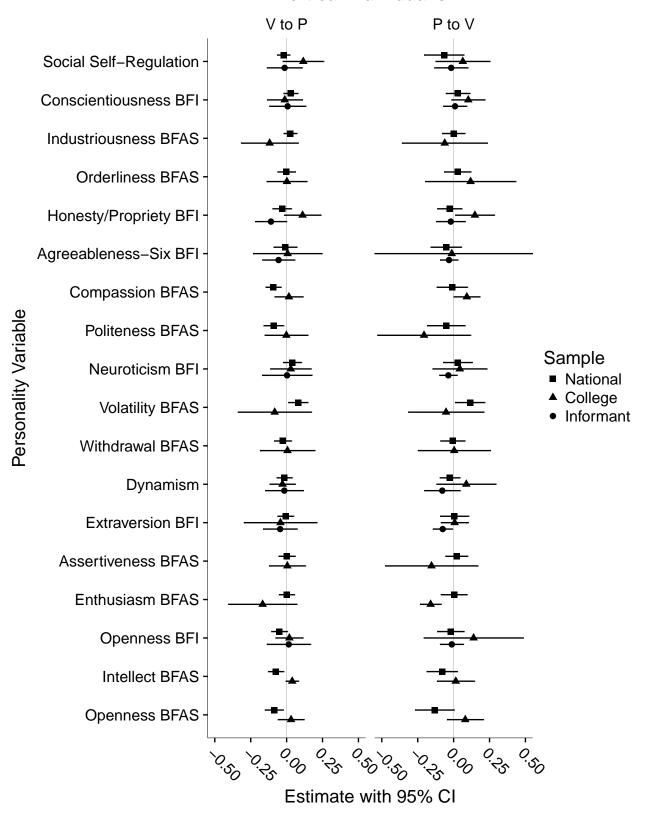
# **Unmitigated Self-Interest**



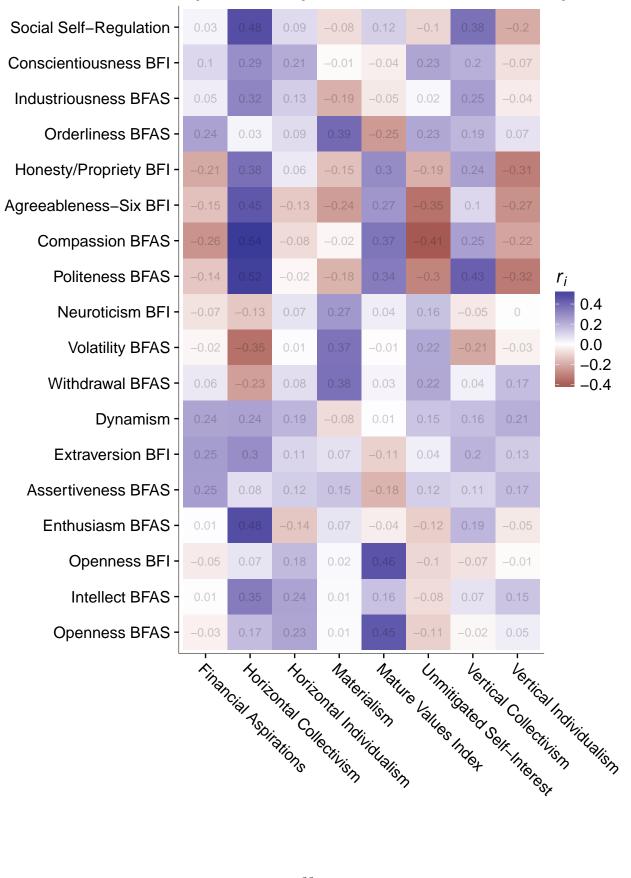
#### **Vertical Collectivism**



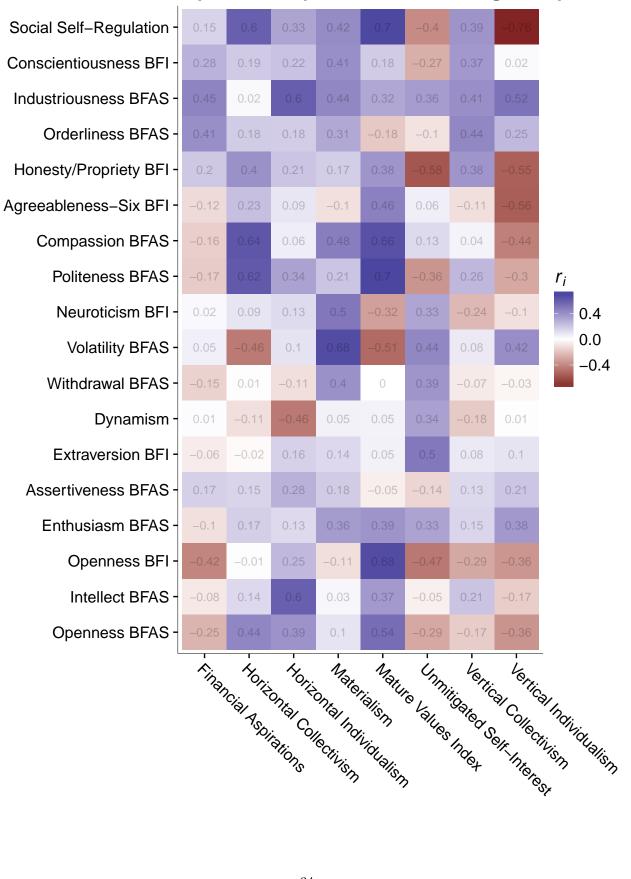
#### **Vertical Individualism**



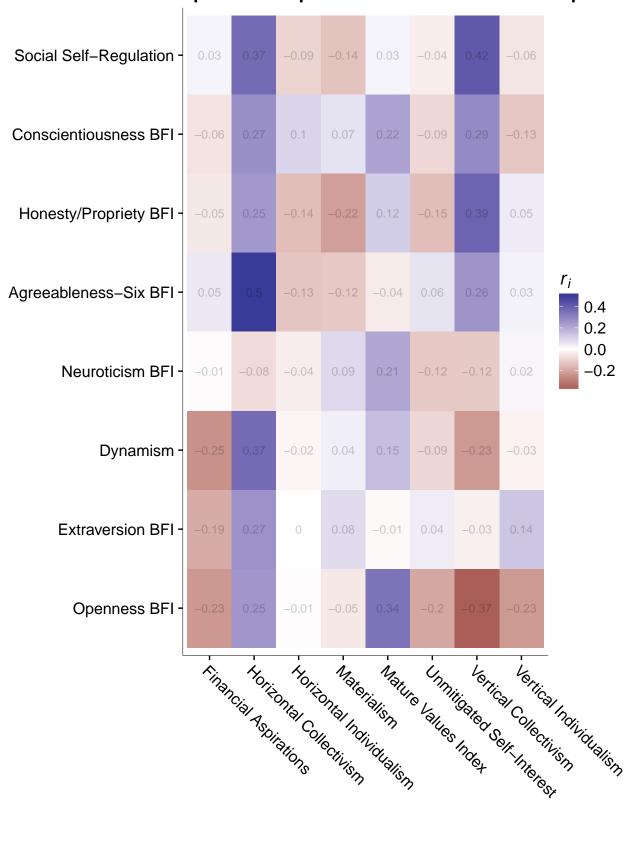
# **Intercept to Intercept Correlations: National Sample**



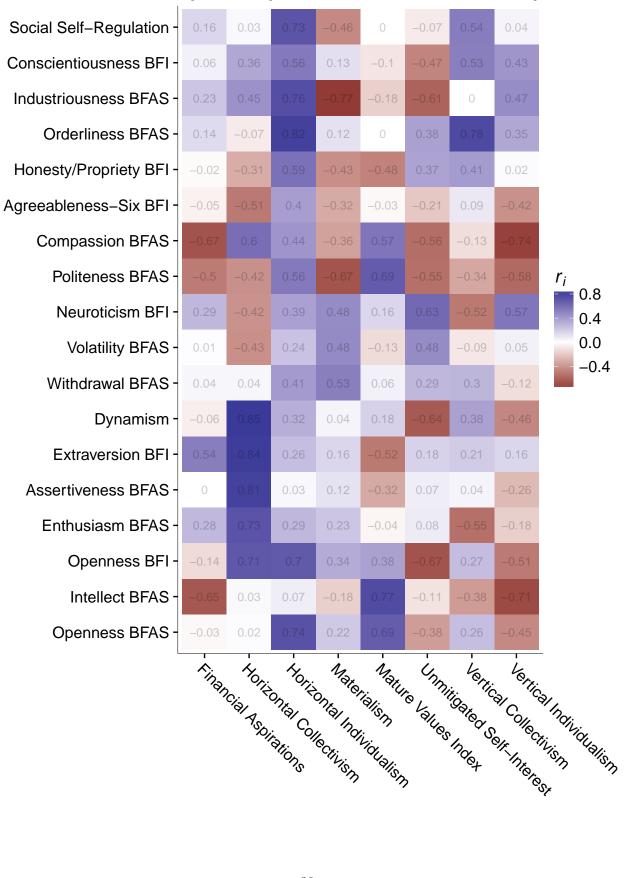
# **Intercept to Intercept Correlations: College Sample**



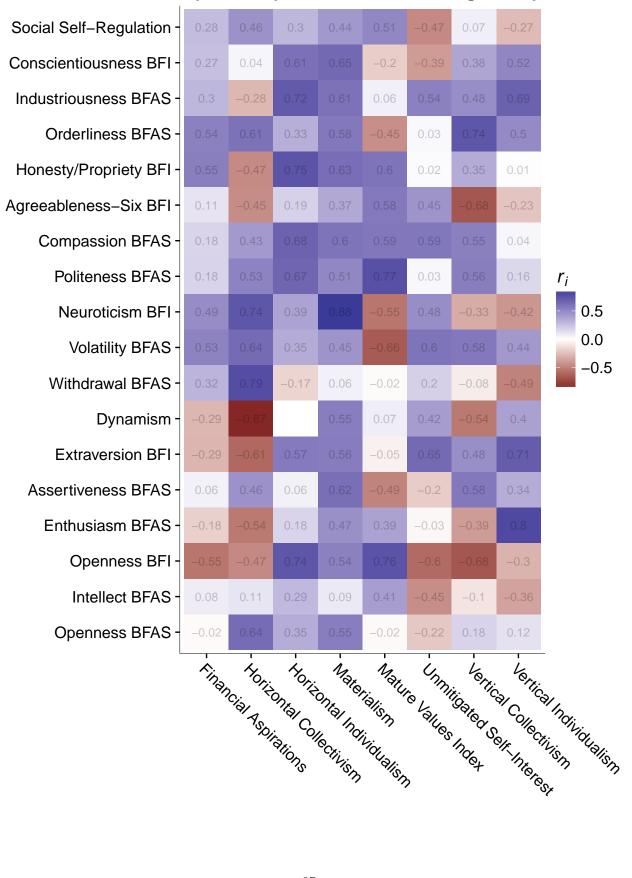
# **Intercept to Intercept Correlations: Informant Sample**



# **Slope to Slope Correlations: National Sample**



# **Slope to Slope Correlations: College Sample**



# **Slope to Slope Correlations: Informant Sample**

