OSF Material 3: Descriptive Statistics and Internal Consistencies

Reliabilities of Self-Rated and Objectively Assessed Ability Measures

Table 1: Reliabilities of self-rated and objectively assessed ability measures in all samples

	Sample A	Sample B	Sample C	Sample D	Sample E
Reasoning ability					
Self-rating measure	$.62^{a)}$	$^{b)}$	$.65^{a)}$		
Raven's matrices test	.71	.71	.56		
Vocabulary knowledge					
Self-rating measure		$^{b)}$	$.77^{a)}$	.93	.82
MWTB vocabulary test		.63	.19	.68	.72

Note.
[a] Retest reliability of one-item measure that was assessed repeatedly
[b] Self-viewed ability was assessed with one-item measure at only one time point in this study, so no reliability indicator could be computed

Descriptive Statistics and Internal Consistencies for Sample A

Table 2: Sample A: Sample statistics (Min, Max, Mean, and SD of Age; number of females)

	n	min	max	mean	sd	female
1	188	17	31	18.89	1.67	157

Table 3: Sample A: Descriptives statistics of variables before aggregation and standardization

	n	min	max	mean	sd	skew	kurtosis
age	188	17.00	31.00	18.89	1.67	2.79	13.95
sex	188	0.00	1.00	0.84	0.37	-1.79	1.22
Raven_self	188	2.00	7.00	5.13	0.90	-0.61	1.01
Raven_obj	188	3.00	15.00	10.71	2.80	-0.49	-0.26
self_esteem	187	2.00	4.50	3.61	0.46	-0.32	0.25
liking_self	187	3.00	7.00	5.56	0.90	-0.12	-0.59
paff	187	1.35	5.00	3.02	0.54	-0.16	0.87
naff	187	1.05	3.90	2.14	0.59	0.47	-0.27
depression	187	1.00	3.57	1.47	0.45	1.81	4.30
group_influence_self	187	1.00	6.50	3.65	1.18	-0.16	-0.44
intelligent_peer	187	-1.61	1.80	0.01	0.51	0.21	0.78
group_influence_peer	187	-1.22	2.04	-0.01	0.57	0.66	1.13
liking_peer	187	-0.88	0.83	0.01	0.35	-0.18	-0.17
friend_peer	187	-0.94	1.02	0.00	0.32	-0.19	0.37
emosupp_peer	187	-1.09	1.22	0.01	0.41	0.04	-0.24
study_grade	184	5.00	8.62	6.95	0.63	0.18	0.37
abi_grade	188	2.50	10.00	6.94	0.83	-2.09	11.56

Table 4: Sample A: Internal concistencies of the outcome aggregates

	alpha
alpha_global_selfeval	.48
alpha_well_being	.69
alpha_agency_self	-
alpha_comm_self	-
alpha_agency_peer	.36
alpha_comm_peer	.87
alpha_achievement	.5

Table 5: Sample A: Correlation table of variables before aggregation and standardization

	age	sex	Raven_self	Raven_obj	self_esteem	liking_self	paff	naff
sex	-.27							
Raven_self	.04	-.13						
Raven_obj	-.1	.01	.18					
self_esteem	.12	-.16	.32	.16				
liking_self	.14	.01	.31	-.04	.32			
paff	.03	-.04	.24	.08	.43	.17		
naff	-.1	.1	-.23	-.08	-.59	-.13	-.18	
depression	-.03	.01	-.26	-.09	-.72	-.27	-.42	.67
group_influence_self	.11	0	.11	-.02	.21	.27	.15	-.05
intelligent_peer	.08	.04	.28	.24	.18	.02	.29	-.15
group_influence_peer	.22	-.09	.14	.2	.3	.24	.18	-.2
liking_peer	.16	-.12	.04	.08	.14	.21	.17	-.11
friend_peer	.08	-.08	.07	.18	.17	.26	.16	-.1
emosupp_peer	.17	.1	.05	.19	.24	.3	.21	-.19
study-grade	-.05	.16	.08	.08	.1	-.05	.19	-.12
abi-grade	.07	.18	.18	.04	.04	-.11	.13	-.02

	depression	group_influence_self	intelligent_peer	group_influence_peer	liking_peer	friend_peer	emosupp_peer	study-grade
sex								
Raven_self								
Raven_obj								
self_esteem								
liking_self								
paff								
naff								
depression								
group_influence_self	-.15							
intelligent_peer	-.18	.04						
group_influence_peer	-.23	.53	.22					
liking_peer	-.15	.16	.28	.19				
friend_peer	-.13	.35	.15	.57	.63			
emosupp_peer	-.23	.42	.26	.65	.7	.74		
study-grade	-.22	.02	.68	.08	.18	.11	.15	
abi-grade	-.01	-.08	.31	.02	-.01	0	.05	.33

Table 6: Sample A: Correlation table of self-rated and objective ability measures and outcome aggregates

	Raven	reasoning_self	global_selfevaluation	well_being	agency_self	agency_peer	communion_peer
reasoning_self	.18						
global_selfevaluation	.07	.39					
well_being	.1	.31	.61				
agency_self	-.02	.11	.3	.15			
agency_peer	.28	.26	.29	.33	.36		
communion_peer	.17	.06	.3	.23	.35	.5	
achievement	.08	.16	-.01	.18	-.03	.42	.11

Descriptive Statistics and Internal Consistencies for Sample B

Table 7: Sample B: Sample statistics (Min, Max, Mean, and SD of Age; number of females)

	n	min	max	mean	sd	female
1	295	18	39	23.80	3.95	162

Table 8: Sample B: Descriptives statistics of variables before aggregation and standardization

	n	min	max	mean	sd	skew	kurtosis
age	295	18.00	39.00	23.80	3.95	1.39	2.37
sex	295	1.00	2.00	1.45	0.50	0.20	-1.97
Raven_self	295	3.00	10.00	7.20	1.28	-0.33	0.43
Raven_obj	295	0.00	15.00	8.15	3.10	-0.23	-0.40
MWTB_self	295	2.00	10.00	7.01	1.46	-0.31	0.07
MWTB_obj	295	19.00	36.00	29.77	2.76	-0.67	0.60
selfsat	276	1.00	6.00	4.14	0.91	-0.42	0.55
liking_self	270	-3.28	1.67	-0.02	0.76	-0.70	1.11
determined	276	1.67	6.00	4.07	0.94	0.00	-0.32
active	276	1.50	6.00	3.91	0.94	-0.17	-0.41
optimistic	276	1.00	6.00	4.21	0.93	-0.29	0.19
valence	270	1.00	9.00	6.37	1.34	-0.42	0.26
leader_RR_self	273	-2.92	2.03	-0.01	0.98	-0.57	0.28
trustabil_self	276	1.17	6.00	4.32	0.92	-0.37	0.42
friend_self	271	-3.28	1.72	0.00	0.68	-0.80	2.64
trustworthy_RR_self	271	-2.08	1.22	-0.01	0.60	-0.51	0.25
leader_peer	274	-1.90	1.40	-0.01	0.67	-0.41	0.06
intelligent_peer	274	-1.21	0.90	0.00	0.35	-0.44	0.76
friend_peer	274	-1.88	1.43	-0.01	0.52	-0.50	0.77
liking_peer	273	-1.48	1.24	-0.01	0.40	-0.66	1.12
trustworthy_peer	274	-1.17	0.78	0.00	0.32	-0.38	0.48

Table 9: Sample B: Internal concistencies of the outcome aggregates

	alpha
alpha_global_selfeval	.82
alpha_well_being	.84
alpha_agency_self	.56
alpha_comm_self	.84
alpha_agency_peer	.77
alpha_comm_peer	.94
alpha_achievement	-

Table 10: Sample B: Correlation table of variables before aggregation and standardization

	age	sex	Raven_self	Raven_obj	MWTB_self	MWTB_obj	selfsat	liking_self	determined	active
sex	.15									
Raven_self	-.01	.24								
Raven_obj	-.1	.14	.23							
MWTB_self	.03	.11	.52	.1						
MWTB_obj	.28	.18	.07	.18	.2					
selfsat	-.02	.19	.27	.11	.22	-.11				
liking_self	.03	0	.16	.01	.16	-.16	.69			
determined	.01	.14	.19	.05	.19	-.07	.63	.39		
active	0	.1	.13	-.04	.13	-.06	.51	.29	.59	
optimistic	-.01	.18	.18	.07	.19	-.04	.79	.52	.69	.57
valence	-.04	.11	.16	.02	.17	-.04	.59	.39	.47	.48
leader_RR_self	.01	.05	.21	.07	.23	-.11	.32	.4	.32	.18
trustabil_self	-.03	.22	.28	.14	.27	-.08	.81	.57	.72	.47
friend_self	.03	-.05	.06	.03	.14	-.16	.3	.49	.27	.16
trustworthy_RR_self	-.02	-.05	-.02	-.01	.06	-.13	.19	.35	.25	.17
leader_peer	.12	.1	.12	.17	.21	.14	.21	.19	.17	.17
intelligent_peer	-.05	.07	.15	.15	.22	.16	.19	.09	.07	.06
friend_peer	-.07	.01	-.07	.13	-.01	.03	.11	.09	.07	.1
liking_peer	0	-.01	-.07	.13	-.02	.06	.11	.11	.04	.09
trustworthy_peer	0	.01	-.08	.08	-.01	.12	.02	0	-.02	.02

	optimistic	valence	leader_RR_self	trustabil_self	friend_self	trustworthy_RR_self	leader_peer	intelligent_peer	friend_peer	liking_peer
sex										
Raven_self										
Raven_obj										
MWTB_self										
MWTB_obj										
selfsat										
liking_self										
determined										
active										
optimistic										
valence	.66									
leader_RR_self	.28	.13								
trustabil_self	.74	.49	.39							
friend_self	.27	.22	.29	.27						
trustworthy_RR_self	.17	.1	.26	.22	.73					
leader_peer	.2	.15	.4	.25	.08	.05				
intelligent_peer	.21	.19	.13	.19	.09	.02	.62			
friend_peer	.16	.1	.12	.1	.11	.19	.51	.46		
liking_peer	.16	.09	.08	.09	.16	.2	.47	.48	.93	
trustworthy_peer	.1	.08	-.03	0	.14	.19	.31	.56	.77	.81

Table 11: Sample B: Correlation table of self-rated and objective ability measures and outcome aggregates

	Raven	reasoning_self	MWTB	vocabulary_self	global_selfevaluation	well_being	agency_self	communion_self	agency_peer
reasoning_self	.23								
MWTB	.18	.07							
vocabulary_self	.1	.52	.2						
global_selfevaluation	.06	.22	-.14	.2					
well_being	.03	.2	-.06	.21	.68				
agency_self	.12	.29	-.11	.3	.69	.61			
communion_self	.01	.03	-.16	.11	.39	.26	.33		
agency_peer	.18	.15	.17	.24	.2	.21	.32	.07	
communion_peer	.12	-.08	.07	-.02	.09	.11	.08	.19	.55

Descriptive Statistics and Internal Consistencies for Sample C

Table 12: Sample C: Sample statistics (Min, Max, Mean, and SD of Age; number of females)

	n	min	max	mean	sd	female
1	91	18	42	20.60	3.38	74

Table 13: Sample C: Descriptives statistics of variables before aggregation and standardization

	n	min	max	mean	sd	skew	kurtosis
age	91	18.00	42.00	20.60	3.38	3.55	16.64
sex	91	1.00	2.00	1.19	0.39	1.58	0.50
Raven_self	91	3.00	10.00	6.84	1.41	-0.18	0.35
Raven_obj	91	3.00	14.00	9.30	2.49	-0.35	-0.35
MWTB_self	91	3.00	10.00	6.62	1.53	0.12	-0.60
MWTB_obj	91	24.00	34.00	29.36	1.88	-0.01	0.03
self_esteem	91	1.43	4.00	3.32	0.45	-1.17	2.21
selfsat_survey	91	1.00	5.50	4.36	0.82	-1.35	2.46
selfsat_app	81	2.00	6.82	5.31	0.94	-1.36	2.15
liking_self	91	2.30	11.00	9.14	1.60	-1.56	2.80
determined	91	1.33	6.00	4.27	0.78	-0.41	1.20
active	91	2.67	6.00	4.60	0.74	-0.60	-0.20
optimistic	91	1.33	6.00	4.46	0.92	-1.03	1.08
good_mood	91	1.67	6.00	4.63	0.79	-1.20	2.60
bad_mood	81	1.12	5.00	2.40	0.69	1.27	2.43
leader_SAQ_self	91	3.50	9.00	6.02	1.20	0.25	0.02
leader_authority_self	91	0.00	1.00	0.45	0.26	0.18	-0.83
trustabil_self	91	1.00	6.00	4.42	0.86	-0.93	1.69
assertive_self	91	3.33	9.00	6.04	1.17	-0.01	0.04
independent_self	91	3.50	10.00	6.95	1.33	0.07	0.13
ambitious_self	91	2.50	10.00	6.17	1.56	0.29	0.03
unfriendly_self	81	1.00	4.00	2.01	0.59	0.59	0.49
trust_self	91	4.33	10.00	7.42	1.05	0.13	0.21
warmhearted_self	91	4.50	10.88	8.67	1.43	-0.89	0.14
coldhearted_self	91	1.00	6.17	2.61	0.95	0.98	1.42
knowing_peer	91	1.61	3.52	2.81	0.35	-0.78	1.32
leader_peer	91	0.00	0.39	0.11	0.08	1.13	0.97
unintelligent_peer	91	1.67	4.75	2.81	0.53	0.49	1.08
rel_imp_peer	91	5.38	9.72	8.18	0.78	-0.87	1.56
rel_sat_peer	91	5.81	9.65	8.62	0.59	-1.48	4.56
acceptance_peer	91	6.25	10.42	9.06	0.62	-1.46	4.81
emosupp_peer	91	3.11	9.35	6.58	1.12	-0.45	0.35
conflicts_peer	91	1.16	3.91	2.01	0.51	1.19	1.77
warmhearted_peer	91	5.19	10.19	8.41	0.86	-0.71	1.23
coldhearted_peer	91	1.91	5.01	3.03	0.62	0.60	0.29
friend_peer	91	0.02	0.15	0.07	0.03	0.55	-0.04
liking_peer	91	5.88	8.26	7.32	0.46	-0.54	0.52
neg_interactions_peer	91	1.34	2.67	1.94	0.31	0.34	-0.67
unfriendly_peer	91	1.20	2.75	1.82	0.32	0.28	-0.38
abi_grade	78	1.00	3.10	1.27	0.45	2.78	7.03
study_grade	86	1.00	7.67	3.01	1.21	1.22	1.72

Table 14: Sample C: Internal concistencies of the outcome aggregates

	alpha
alpha_global_selfeval	.86
alpha_well_being	.74
alpha_agency_self	.79
alpha_comm_self	.75
alpha_agency_peer	.68
alpha_comm_peer	.94
alpha_achievement	.59

Table 15: Sample C: First part of correlation table of variables before aggregation and standardization

	age	sex	Raven_self	Raven_obj	MWTB_self	MWTB_obj	self_esteem	selfsat_survey
sex	.38							
Raven_self	.05	.08						
Raven_obj	-.25	-.07	-.07					
MWTB_self	-.09	.1	.33	-.2				
MWTB_obj	.16	.01	-.13	.02	.13			
self_esteem	-.08	0	.17	.03	.17	-.03		
selfsat_survey	-.05	-.11	.21	0	.09	-.05	.84	
selfsat_app	-.13	-.1	.12	-.11	0	-.14	.47	.53
liking_self	-.11	.08	.16	.02	.13	-.05	.62	.65
determined	-.03	.03	.15	-.1	.11	-.22	.5	.45
active	-.25	-.05	.03	-.07	.15	-.06	.27	.2
optimistic	-.11	0	.07	.29	-.07	-.12	.58	.62
good_mood	-.23	-.16	.1	.12	.16	-.16	.53	.6
bad_mood	.19	-.01	.02	.12	-.09	.18	-.31	-.33
leader_SAQ_self	-.04	.09	.34	.05	.26	-.08	.44	.41
leader_authority_self	-.19	.14	.18	-.02	.24	-.02	.26	.18
trustabil_self	-.04	-.02	.23	.09	.15	-.01	.8	.76
assertive_self	-.17	-.04	.39	.02	.3	-.14	.48	.42
independent_self	.06	0	.17	-.03	.12	-.16	.22	.17
ambitious_self	-.02	-.03	.24	-.21	.14	-.27	.09	.11
unfriendly_self	.15	.13	.11	.18	-.01	.08	-.21	-.18
trust_self	.21	.32	.4	-.31	.28	-.1	.15	.09
warmhearted_self	-.08	-.16	-.02	-.09	.01	-.1	-.02	.03
coldhearted_self	.18	.18	-.06	.15	-.13	.05	-.11	-.12
knowing_peer	-.26	.19	-.1	.09	-.1	-.09	-.09	-.07
leader_peer	-.13	.14	.05	.19	.11	.01	.12	.11
unintelligent_peer	.41	-.03	.16	-.2	.12	-.04	.01	.03
rel_imp_peer	-.36	-.13	-.18	.19	-.07	-.08	.1	.09
rel_sat_peer	-.35	-.02	-.19	.16	-.12	-.07	.08	.09
acceptance_peer	-.31	-.03	-.17	.09	-.11	-.07	-.03	0
emosupp_peer	-.42	-.4	-.14	.19	-.06	-.06	.03	.03
conflicts_peer	.22	.13	.12	-.08	.06	-.01	.04	.1
warmhearted_peer	-.28	-.17	-.19	.12	.01	.03	-.12	-.13
coldhearted_peer	.28	.19	.28	-.12	.03	-.06	.09	.12
friend_peer	-.35	.02	-.19	.12	-.01	-.13	-.06	-.08
liking_peer	-.25	-.06	-.08	.16	.11	-.03	.05	.01
neg_interactions_peer	.3	.14	.2	-.05	.02	-.08	-.04	-.05
unfriendly_peer	.27	.11	.26	-.09	.07	.1	.02	-.06
abi_grade	.6	.25	-.14	-.13	.08	.19	0	0
study_grade	.45	.21	.06	-.2	-.06	.13	.02	-.02

Table 16: Sample C: Second part of correlation table of variables before aggregation and standardization

	selfsat_app	liking_self	determined	active	optimistic	good_mood	bad_mood	leader_SAQ_self
sex								
Raven_self								
Raven_obj								
MWTB_self								
MWTB_obj								
self_esteem								
selfsat_survey								
selfsat_app								
liking_self	.57							
determined	.44	.31						
active	.22	.09	.36					
optimistic	.36	.42	.41	.21				
good_mood	.46	.29	.32	.34	.59			
bad_mood	-.68	-.38	-.31	-.29	-.35	-.42		
leader_SAQ_self	.37	.31	.45	.13	.35	.27	-.25	
leader_authority_self	.09	.2	.24	.11	.16	.15	.05	.61
trustabil_self	.45	.51	.48	.22	.68	.54	-.28	.45
assertive_self	.35	.32	.42	.18	.38	.39	-.19	.82
independent_self	.27	.17	.4	.29	.19	.13	-.21	.47
ambitious_self	.16	.04	.27	.19	-.04	.01	-.11	.29
unfriendly_self	-.56	-.27	-.24	-.27	-.15	-.28	.66	-.13
trust_self	.27	.18	.24	.1	.02	.11	-.22	.32
warmhearted_self	.43	.21	-.07	.09	0	.16	-.31	-.04
coldhearted_self	-.38	-.22	-.02	-.21	-.08	-.23	.35	-.07
knowing_peer	.01	.04	-.07	.18	.04	.1	-.09	-.02
leader_peer	.01	-.02	.15	.29	.33	.3	-.16	.31
unintelligent_peer	-.04	.05	.02	-.31	-.12	-.18	.13	.03
reLimp_peer	.11	.03	.05	.25	.11	.3	-.08	0
reLsat_peer	.07	.03	.05	.27	.12	.28	-.08	-.09
acceptance_peer	.03	-.04	-.03	.23	.02	.2	-.06	-.15
emosupp_peer	.1	-.05	-.03	.19	.11	.28	-.09	.02
conflicts_peer	.09	.1	.06	-.22	.18	-.05	0	.18
warmhearted_peer	-.03	-.11	-.19	.19	-.06	.16	-.02	-.17
coldhearted_peer	.02	.13	.12	-.27	.01	-.18	.01	.12
friend_peer	.03	0	-.21	.17	.02	.17	-.24	-.03
liking_peer	.07	.05	-.1	.28	.1	.35	-.15	-.11
neg_interactions_peer	-.02	.03	.07	-.18	-.06	-.26	.01	.01
unfriendly_peer	.01	.04	.02	-.25	-.05	-.27	-.03	.1
abi-grade	-.04	0	.12	.02	0	.02	.02	.13
study_grade	-.08	.09	.01	-.03	-.1	-.14	.1	.16

Table 17: Sample C: Third part of correlation table of variables before aggregation and standardization

	leader_authority_self	trustabiL_self	assertive_self	independent_self	ambitious_self	unfriendly_self	trust_self	warmhearted_self
sex								
Raven_self								
Raven_obj								
MWTB_self								
MWTB_obj								
self_esteem								
selfsat_survey								
selfsat_app								
liking_self								
determined								
active								
optimistic								
good_mood								
bad_mood								
leader_SAQ_self								
leader_authority_self								
trustabiL_self	.26							
assertive_self	.63	.5						
independent_self	.27	.3	.47					
ambitious_self	.18	0	.3	.34				
unfriendly_self	.04	-.18	-.05	-.24	-.04			
trust_self	.21	.08	.35	.41	.39	-.2		
warmhearted_self	-.14	0	-.09	.1	-.06	-.57	.19	
coldhearted_self	-.01	-.04	-.08	-.1	.01	.57	-.26	-.76
knowing-peer	.13	-.09	-.01	-.17	-.19	-.03	-.12	-.04
leader-peer	.33	.19	.28	.06	-.04	0	-.07	-.15
unintelligent-peer	-.07	-.04	.02	.11	.11	.09	.17	-.02
rel.imp-peer	-.07	.09	.09	-.12	-.15	-.01	-.2	.08
rel_sat-peer	-.06	.05	-.02	-.22	-.1	-.05	-.21	.01
acceptance-peer	-.19	.01	-.06	-.23	-.18	-.13	-.2	.12
emosupp-peer	-.07	.08	.13	-.11	-.24	-.12	-.23	.15
conflicts-peer	.18	.08	.21	.21	.15	.05	.32	-.22
warmhearted-peer	-.13	-.04	-.18	-.29	-.35	-.11	-.33	.33
coldhearted-peer	.08	.03	.09	.25	.35	.09	.32	-.24
friend-peer	-.07	-.07	-.04	-.17	-.22	-.06	-.1	.04
liking-peer	-.07	.05	-.06	-.16	-.41	-.11	-.22	.2
neg_interactions-peer	-.13	-.02	-.03	.27	.24	.05	.23	-.08
unfriendly-peer	-.01	-.03	.05	.19	.17	.06	.28	-.1
abi-grade	-.11	.01	-.02	.29	-.17	-.16	.09	-.07
study-grade	.02	0	-.01	.3	-.14	-.06	.31	.05

Table 18: Sample C: Fourth part of correlation table of variables before aggregation and standardization

	coldhearted_self	knowing_peer	leader_peer	unintelligent_peer	rel.imp_peer	rel_sat_peer	acceptance_peer	emosupp_peer
sex								
Raven_self								
Raven_obj								
MWTB_self								
MWTB_obj								
self_esteem								
selfsat_survey								
selfsat_app								
liking_self								
determined								
active								
optimistic								
good_mood								
bad_mood								
leader_SAQ_self								
leader_authority_self								
trustabil_self								
assertive_self								
independent_self								
ambitious_self								
unfriendly_self								
trust_self								
warmhearted_self								
coldhearted_self								
knowing_peer	.01							
leader_peer	.03	.49						
unintelligent_peer	.03	-.38	-.37					
rel.imp_peer	-.11	.29	.22	-.6				
rel_sat_peer	-.05	.37	.17	-.63	.86			
acceptance_peer	-.12	.49	.18	-.61	.76	.86		
emosupp_peer	-.2	.31	.21	-.49	.83	.7	.73	
conflicts_peer	.15	-.23	-.14	.45	-.5	-.56	-.58	-.42
warmhearted_peer	-.26	.29	.2	-.56	.57	.57	.65	.63
coldhearted_peer	.22	-.36	-.27	.67	-.69	-.67	-.71	-.73
friend_peer	-.06	.6	.49	-.44	.48	.39	.51	.52
liking_peer	-.2	.45	.43	-.4	.49	.45	.49	.49
neg_interactions_peer	.08	-.23	-.19	.57	-.57	-.64	-.55	-.55
unfriendly_peer	.06	-.27	-.18	.56	-.56	-.64	-.63	-.54
abi_grade	.12	-.08	-.06	.32	-.25	-.28	-.22	-.29
study_grade	-.05	-.09	-.21	.3	-.27	-.27	-.26	-.23

Table 19: Sample C: Fifth part of correlation table of variables before aggregation and standardization

	conflicts_peer	warmhearted_peer	coldhearted_peer	friend_peer	liking_peer	neg_interactions_peer	unfriendly_peer	abi_grade
sex								
Raven_self								
Raven_obj								
MWTB_self								
MWTB_obj								
self_esteem								
selfsat_survey								
selfsat_app								
liking_self								
determined								
active								
optimistic								
good_mood								
bad_mood								
leader_SAQ_self								
leader_authority_self								
trustabil_self								
assertive_self								
independent_self								
ambitious_self								
unfriendly_self								
trust_self								
warmhearted_self								
coldhearted_self								
knowing_peer								
leader_peer								
unintelligent_peer								
rel_imp_peer								
rel_sat_peer								
acceptance_peer								
emosupp_peer								
conflicts_peer								
warmhearted_peer	-.68							
coldhearted_peer	.64	-.91						
friend_peer	-.35	.45	-.47					
liking_peer	-.53	.69	-.66	.65				
neg_interactions_peer	.45	-.56	.7	-.3	-.46			
unfriendly_peer	.53	-.68	.75	-.33	-.5	.78		
abi_grade	.15	-.14	.16	-.21	.04	.2	.15	
study_grade	.27	-.22	.19	-.27	-.26	.18	.21	.43

Table 20: Sample C: Correlation table of self-rated and objective ability measures and outcome aggregates

	Raven	reasoning_self	MWTB	vocabulary_self	global_selfevaluation	well_being	agency_self	communion_self	agency_peer	communion_peer
reasoning_self	-.07									
MWTB	.02	-.13								
vocabulary_self	-.2	.33	.13							
global_selfevaluation	-.02	.19	-.07	.13						
well_being	.04	.1	-.21	.13	.68					
agency_self	-.02	.37	-.16	.29	.53	.52				
communion_self	-.24	.13	-.12	.15	.29	.32	.19			
agency_peer	.21	-.09	-.01	-.05	.01	.28	.06	-.06		
communion_peer	.16	-.23	-.04	-.05	-.01	.17	-.19	.05	.62	
achievement	.2	.02	-.19	-.01	-.02	.04	-.11	-.07	.23	.3

Descriptive Statistics and Internal Consistencies for Sample D

Table 21: Sample D: Sample statistics (Min, Max, Mean, and SD of Age; number of females)

	n	min	max	mean	sd	female
1	2047	17	76	27.61	8.78	1431

Table 22: Sample D: Descriptives statistics of variables before aggregation and standardization

	n	min	max	mean	sd	skew	kurtosis
age	2046	17.00	76.00	27.61	8.78	2.07	4.95
sex	2047	1.00	2.00	1.70	0.46	-0.87	-1.25
MWTB_self	2047	1.17	7.00	5.51	0.83	-0.77	1.12
MWTB_obj	2047	3.00	35.00	25.44	3.66	-0.36	0.81
self_esteem	2047	1.20	4.00	3.18	0.58	-0.72	0.01
optimistic	2047	1.00	5.00	3.78	0.83	-0.59	-0.13
pessimistic	2047	1.00	5.00	2.39	0.78	0.56	0.08
positive_affect	2047	1.00	5.00	3.22	0.68	-0.22	-0.15
negative_affect	2047	1.00	4.80	2.02	0.64	0.98	0.93
depression	2047	1.13	3.73	1.83	0.37	1.28	1.97
life_satisfaction	2047	1.00	7.00	4.78	1.19	-0.56	-0.18
leader_authority_self	2047	1.00	2.00	1.45	0.28	0.14	-0.95
agentic_above_average_self	2047	2.00	9.00	5.66	1.01	-0.06	0.02
comm_above_average_self	2047	3.20	9.00	6.35	0.91	-0.05	-0.26
agentic_above_average_peer	380	2.80	8.80	6.00	0.98	-0.10	-0.34
liking_peer	380	3.00	6.00	5.48	0.54	-1.37	2.43
emosupp_peer	380	2.25	7.00	6.12	0.88	-1.16	1.40
comm_above_average_peer	380	3.40	9.00	6.68	1.02	-0.22	-0.38

Table 23: Sample D: Internal concistencies of the outcome aggregates

	alpha
alpha_global_selfeval	-
alpha_well_being	.82
alpha_agency_self	.65
alpha_comm_self	-
alpha_agency_peer	-
alpha_comm_peer	.73
alpha_achievement	-

Table 24: Sample D: Correlation table of variables before aggregation and standardization

	age	sex	MWTB_self	MWTB_obj	self_esteem	optimistic	pessimistic	positive_affect	negative_affect	depression	life_satisfaction
sex	-.02										
MWTB_self	.02	-.12									
MWTB_obj	.35	-.08	.23								
self_esteem	.12	-.01	.38	.06							
optimistic	.07	.04	.2	-.02	.56						
pessimistic	-.02	-.05	-.19	-.05	-.52	-.56					
positive_affect	.06	.06	.23	-.01	.49	.41	-.37				
negative_affect	-.14	.03	-.14	-.08	-.51	-.36	.36	-.31			
depression	-.16	.06	-.16	-.09	-.53	-.35	.37	-.45	.67		
life_satisfaction	-.08	.11	.18	-.03	.58	.51	-.51	.45	-.41	-.42	
leader_authority_self	-.02	-.11	.3	-.02	.26	.23	-.18	.23	-.06	-.08	.18
agentic_above_average_self	.09	.02	.35	-.05	.51	.37	-.34	.4	-.29	-.29	.37
comm_above_average_self	.05	.09	.05	-.1	.17	.19	-.14	.16	-.11	-.04	.16
agentic_above_average_peer	-.04	.06	.19	-.05	.36	.24	-.18	.19	-.23	-.21	.23
liking_peer	-.08	.07	.12	-.06	.18	.13	-.06	.1	-.12	-.1	.18
emosupp_peer	-.02	.23	-.06	-.07	.1	.1	0	.09	-.08	0	.13
comm_above_average_peer	-.02	.11	-.05	.05	.07	.14	-.06	.09	-.08	-.06	.08

	leader_authority_self	agentic_above_average_self	comm_above_average_self	agentic_above_average_peer	liking_peer	emosupp_peer	comm_above_average_peer
sex							
MWTB_self							
MWTB_obj							
self_esteem							
optimistic							
pessimistic							
positive_affect							
negative_affect							
depression							
life_satisfaction							
leader_authority_self							
agentic_above_average_self	.49						
comm_above_average_self	.01	.24					
agentic_above_average_peer	.29	.49	.06				
liking_peer	.04	.09	.13	.17			
emosupp_peer	0	.1	.17	.08	.59		
comm_above_average_peer	-.05	.01	.31	.17	.45	.4	

Table 25: Sample D: Correlation table of self-rated and objective ability measures and outcome aggregates

	MWTB	vocabulary_self	global_selfevaluation	well_being	agency_self	communion_self	agency_peer
vocabulary_self	.23						
global_selfevaluation	.06	.38					
well_being	.04	.25	.73				
agency_self	-.04	.38	.44	.4			
communion_self	-.1	.05	.17	.18	.14		
agency_peer	-.05	.19	.36	.29	.46	.06	
communion_peer	-.03	0	.15	.15	.04	.25	.17

Descriptive Statistics and Internal Consistencies for Sample E

Table 26: Sample E: Sample statistics (Min, Max, Mean, and SD of Age; number of females)

	n	min	max	mean	sd	female
1	202	22	36	27.41	2.96	134

Table 27: Sample E: Descriptives statistics of variables before aggregation and standardization

	n	min	max	mean	sd	skew	kurtosis
age	202	22.00	36.00	27.41	2.96	0.71	0.07
sex	202	0.00	1.00	0.34	0.47	0.69	-1.54
MWTB_self	202	2.33	7.00	5.39	0.92	-0.64	0.30
MWTB_obj	202	13.00	34.00	24.40	4.01	-0.30	-0.04
self_esteem_survey	173	1.82	4.00	3.30	0.53	-0.44	-0.76
self_esteem_diary	178	1.29	4.00	3.34	0.42	-1.12	2.69
life_satisfaction	174	1.00	7.00	4.54	1.20	-0.54	0.13
optimistic	173	0.50	4.00	2.76	0.75	-0.62	-0.09
positive_affect	178	1.11	4.64	2.71	0.56	0.46	0.68
negative_affect	178	1.01	3.26	1.53	0.42	1.63	3.37
depression	174	1.30	4.55	2.40	0.68	0.65	0.03
leader_authority_self	173	1.00	2.00	1.40	0.25	0.42	-0.49
agentic_abstract_other_self	173	3.00	9.00	6.02	1.01	-0.04	0.17
agentic_concrete_other_self	173	1.00	8.00	5.28	1.02	-0.35	2.27
comm_abstract_other_self	173	2.25	8.50	6.26	1.14	-0.36	0.00
comm_concrete_other_self	173	1.00	8.25	5.27	0.98	-0.32	2.39
social_influence_peer	160	2.40	7.00	5.08	0.76	-0.53	0.59
liking_peer	160	4.00	6.00	5.67	0.40	-1.65	3.34
interaction_quality_peer	160	3.40	5.93	5.14	0.46	-0.95	1.40
conflict_peer	160	1.00	5.50	2.49	0.89	0.74	0.41
abi_grade	173	1.00	3.90	2.24	0.66	0.14	-0.86
study_grade	157	1.00	4.00	1.77	0.51	1.13	1.91

Table 28: Sample E: Internal concistencies of the outcome aggregates

	alpha
alpha_global_selfeval	.79
alpha_well_being	.71
alpha_agency_self	.67
alpha_comm_self	.65
alpha_agency_peer	-
alpha_comm_peer	.71
alpha_achievement	.51

Table 29: Sample E: First two parts of correlation table of variables before aggregation and standardization

	age	sex	MWTB_self	MWTB_obj	self_esteem_survey	self_esteem_diary	life_satisfaction
sex	.06						
MWTB_self	.07	-.05					
MWTB_obj	.18	-.11	.33				
self_esteem_survey	-.14	-.09	.08	.08			
self_esteem_diary	-.08	-.07	.06	.01	.67		
life_satisfaction	-.26	-.09	-.04	-.07	.54	.49	
optimistic	-.15	-.1	.1	.12	.65	.52	.54
positive_affect	-.11	.06	.05	-.02	.33	.42	.22
negative_affect	-.03	.11	.1	-.02	-.38	-.59	-.3
depression	.1	0	.02	.03	-.65	-.64	-.57
leader_authority_self	-.17	.22	.19	-.13	.34	.19	.09
agentic_abstract_other_self	-.22	.1	.17	-.13	.29	.27	.18
agentic_concrete_other_self	-.14	.17	.09	.03	.17	.15	.13
comm_abstract_other_self	-.05	-.15	.08	-.02	.1	.07	.06
comm_concrete_other_self	.02	-.12	-.03	-.07	.01	-.03	.05
social_influence_peer	-.16	.02	.11	-.02	.18	.13	.18
liking_peer	-.23	-.34	-.1	-.17	.13	.24	.23
interaction_quality_peer	-.27	-.25	-.08	-.24	.18	.18	.36
conflict_peer	.04	.17	.05	.04	-.24	-.07	-.22
abi_grade	.37	.1	-.08	-.05	-.09	-.13	-.15
study_grade	.19	.07	0	-.02	-.07	-.13	-.28

	optimistic	positive_affect	negative_affect	depression	leader_authority_self	agentic_abstract_other_self	agentic_concrete_other_self
sex							
MWTB_self							
MWTB_obj							
self_esteem_survey							
self_esteem_diary							
life_satisfaction							
optimistic							
positive_affect	.27						
negative_affect	-.3	.06					
depression	-.51	-.23	.48				
leader_authority_self	.22	.23	.11	-.13			
agentic_abstract_other_self	.24	.28	-.15	-.12	.36		
agentic_concrete_other_self	.09	.16	.01	-.03	.36	.51	
comm_abstract_other_self	.15	.2	-.03	-.01	.03	.22	-.05
comm_concrete_other_self	-.05	.07	.09	-.03	-.04	0	.19
social_influence_peer	.23	.18	-.03	-.08	.31	.29	.27
liking_peer	.18	.12	-.17	-.11	-.05	.18	-.01
interaction_quality_peer	.24	.19	-.03	-.14	-.02	.15	.03
conflict_peer	-.09	.01	.12	.13	.01	-.04	-.06
abi_grade	-.1	-.21	.02	-.05	-.02	-.29	-.14
study_grade	-.13	-.04	.14	.06	.04	-.24	-.2

Table 30: Sample E: Third part of correlation table of variables before aggregation and standardization

	comm_abstract_other_self	comm_concrete_other_self	social_influence_peer	liking_peer	interaction_quality_peer	conflict_peer	abi_grade
sex							
MWTB_self							
MWTB_obj							
self_esteem_survey							
self_esteem_diary							
life_satisfaction							
optimistic							
positive_affect							
negative_affect							
depression							
leader_authority_self							
agentic_abstract_other_self							
agentic_concrete_other_self							
comm_abstract_other_self							
comm_concrete_other_self	.49						
social_influence_peer	.18	.09					
liking_peer	.23	-.01	.23				
interaction_quality_peer	.16	-.01	.19	.68			
conflict_peer	-.11	.06	-.17	-.35	-.33		
abi_grade	-.09	.08	-.26	-.12	-.1	.04	
study_grade	-.13	-.05	-.2	-.29	-.24	.06	.34

Table 31: Sample E: Correlation table of self-rated and objective ability measures and outcome aggregates

	MWTB	vocabulary_self	global_selfevaluation	well_being	agency_self	communion_self	agency_peer	communion_peer
vocabulary_self	.33							
global_selfevaluation	.05	.06						
well_being	-.03	-.04	.81					
agency_self	-.1	.19	.33	.25				
communion_self	-.05	.03	.05	.09	.09			
agency_peer	-.02	.11	.15	.15	.38	.16		
communion_peer	-.19	-.1	.23	.26	.07	.1	.25	
achievement	.05	.04	.14	.18	.23	.07	.28	.22