

## Supplementary Materials

### Supplementary Materials B

*Correlation analysis results: Pearson correlations between the English-language BFI-44 and ANPS-AR variables (Study 1).*

Variable	O	C	E	A	N	seek	fear	care	anger	play	sadness
<b>O</b>	1										
<b>C</b>	.136**	1									
<b>E</b>	.295***	.247***	1								
<b>A</b>	.074	.245***	.226***	1							
<b>N</b>	.002	-.325***	-.257***	-.320***	1						
<b>seeking</b>	.549***	.380***	.518***	.223***	-.249***	1					
<b>fear</b>	-.067	-.238***	-.297***	-.195***	.814***	-.258***	1				
<b>care</b>	.258***	.261***	.351***	.581***	-.151**	.387***	-.108*	1			
<b>anger</b>	.124**	-.146**	.222***	-.441***	.389***	.078	.266***	-.132**	1		
<b>play</b>	.258***	.096	.399***	.239***	-.203***	.356***	-.251***	.291***	.026	1	
<b>sadness</b>	-.108*	-.320***	-.569***	-.276***	.667***	-.420***	.662***	-.282***	.097	-.281***	1

Notes. O = Openness to Experience; C = Conscientiousness; E = Extraversion; A = Agreeableness; N = Neuroticism. Lowercase ANPS variables are for ANPS-AR.

## Supplementary Materials C

Correlation analysis results: Pearson correlations between the German-language BFI-44 and ANPS-AR variables (Study 2).

	<b>O</b>																	
<b>O</b>	1	<b>C</b>																
<b>C</b>	.074	1	<b>E</b>															
<b>E</b>	.245***	.123**	1	<b>A</b>														
<b>A</b>	.090*	.063	.115*	1	<b>N</b>													
<b>N</b>	-.029	-.221***	-.165***	-.157***	1	<b>seek</b>												
seeking	.554***	.336***	.452***	.112*	-.182***	1	<b>seek28</b>											
seeking28	.461***	.415***	.528***	.144**	-.249***	.911***	1	<b>SEEK</b>										
SEEKING	.492***	.276***	.410***	.111*	-.214***	.629***	.673***	1	<b>fear</b>									
fear	.041	-.146**	-.250***	-.079	.765***	-.152**	-.224***	-.135**	1	<b>FEAR</b>								
FEAR	-.010	-.172***	-.286***	-.039	.706***	-.200***	-.261***	-.187***	.765***	1	<b>care</b>							
care	.187***	.065	.261***	.545***	.113*	.300***	.270***	.198***	.091*	.152**	1	<b>care28</b>						
care28	.181***	.081	.280***	.558***	.086	.313***	.294***	.220***	.058	.137**	.971***	1	<b>CARE</b>					
CARE	.189***	-.005	.276***	.405***	.220***	.235***	.216***	.253***	.175***	.266***	.693***	.698***	1	<b>anger</b>				
anger	.006	-.092*	.282***	-.401***	.367***	.084	.085	.050	.237***	.139**	-.077	-.106*	.054	1	<b>ANGER</b>			
ANGER	-.030	-.127**	.142**	-.449***	.477***	-.018	-.031	-.083	.343***	.339***	-.088	-.105*	.048	.725***	1	<b>play</b>		
play	.323***	.034	.336***	.149**	-.076	.411***	.405***	.296***	-.055	-.081	.274***	.316***	.222***	.090*	.038	1	<b>PLAY</b>	
PLAY	.164***	.083	.500***	.318***	-.265***	.339***	.417***	.396***	-.285***	-.253***	.347***	.394***	.346***	.019	-.081	.573***	1	<b>sad</b>
sadness	-.051	-.247**	-.526***	-.147**	.625***	-.313***	-.398***	-.300***	.670***	.679***	-.069	-.102*	.042	.121**	.258***	-.204***	-.445***	1
SADNESS	-.021	-.229**	-.167***	-.067	.664***	-.206***	-.266***	-.210***	.581***	.675***	.132**	.106*	.277***	.236***	.399***	-.075	-.248***	.647***

Notes. O = Openness to Experience; C = Conscientiousness; E = Extraversion; A = Agreeableness; N = Neuroticism. Lowercase ANPS variables are for ANPS-AR, while uppercase ANPS variables are for the 110-item ANPS. For SEEKING and CARE ANPS-AR, both the correlations with the 4 item and 6 item scales are presented.

## Supplementary Materials D

*Item-level Pearson correlations between SADNESS and Extraversion items (Study 2).*

Variable	E1	E2	E3	E4	E5	E6	E7	E8
SADNESS1	-.032	-.156***	-.319***	-.042	-.106**	-.126***	-.259***	-.153**
SADNESS2	.030	-.033	-.072	.010	.023	-.131**	-.152***	-.042
SADNESS3	.014	-.102*	-.224***	-.052	-.022	-.077	-.239***	-.119**
SADNESS4	-.011	-.085	-.205***	-.053	.010	-.099*	-.160***	-.099*
SADNESS5	-.071	-.187***	-.249***	-.166***	-.114*	-.139**	-.274***	-.176***
SADNESS6	-.142**	-.046	-.151**	-.155***	-.089*	-.065	-.004	-.183***
SADNESS7	.022	-.021	.021	-.011	-.008	-.067	-.078	-.002
SADNESS8	.060	-.002	-.024	-.013	.044	-.159***	-.069	.055
SADNESS9	.026	-.047	-.168***	.003	-.006	-.033	-.205***	-.026
SADNESS10	.213***	.054	-.005	.076	.044	-.015	-.056	.127**
SADNESS11	.276***	.115*	.032	.112*	.138**	.041	.041	.251***
SADNESS12	.084	.010	-.001	.014	.067	-.064	-.074	.060
SADNESS13	.166***	.023	-.028	.088*	.093*	.014	-.103*	.124**
SADNESS14	-.444***	-.383***	-.261***	-.296***	-.395***	-.279***	-.291***	-.544***
sadness1	-.020	-.179***	-.293***	-.055	-.074	-.105*	-.279***	-.133**
sadness2	-.385***	-.493***	-.309***	-.293***	-.458***	-.375***	-.560***	-.524***
sadness3	-.396***	-.509***	-.304***	-.318***	-.442***	-.431***	-.545***	-.556***
sadness4	.006	-.104**	-.104**	.070	-.002	-.109*	-.252***	-.085

*Notes.* E = Extraversion. Lowercase sadness items are for ANPS-AR, while uppercase SADNESS items are for the 110-item ANPS. Correlation coefficients in grey font mark the associations that were non-significant.