

Supplementary Information: LINES with scoring grid

<p>Instructions: In each of the following sections, you will be asked to rate how often you had some particular experiences and had certain feelings. You will be asked to rate the same items several times, in order to find out about your experiences during three different stages of your life (childhood, adolescence, and adulthood). Please complete by placing a cross in the appropriate box</p>								
Part A: In your * to what degree did you experience...?								
	Not at all			Some			A lot	
	0	1	2	3	4	5	6	Scoring
Physical neglect								
Physical abuse								
Emotional abuse								
Sexual abuse								
Average (if at least 3 items completed)								A
Part B: In your * to what extent did you feel...?								
	Not at all			Some			A lot	
	0	1	2	3	4	5	6	Scoring
Angry								
Afraid								
Stressed								
Worried								
Anxious								
Average (if at least 3 items completed)								B
Part C: In your * to what extent did you feel...?								
	Not at all			Some			A lot	
	0	1	2	3	4	5	6	Reverse Scoring
Secure								
Loved								
Confident								
Supported								
Average (if at least 3 items completed)								C

* This will be filled in for three different developmental categories – childhood, adolescence, and adulthood. **Scoring:** Part C. Reverse scoring: All four items in Part C, are reverse scored. Therefore, the score for each item is calculated by subtracting the score from 6; Missing data: If more than one item per subscale is missing, average scores should not be calculated.

Supplementary Table S1. PANAS, CATS, RSQ and SDQ scores^a

	FND		Control		Stats	
	Median	Range	Median	Range	Mann-Whitney (Z)	p
PANAS						
Positive	2	11-50	33	15-48	4.08	< 0.001
Negative	22.5	10-48	17	10-41	3.91	< 0.001
CATS						
Negative environment	1	0-3.31	0.5	0-2.5	4.57	< 0.001
Punishment	1.33	0-3.83	1.16	0-2.83	2.43	0.015
Sexual abuse	0	0-3.85	0	0-1.67	6.05	< 0.001
Emotional abuse	1	0-3.85	0.71	0-3.14	3.71	< 0.001
Total score	.080	0.11-3.05	.53	0.05-1.82	4.30	< 0.001
RSQ						
Anxious	2.61	1-4.84	2.00	1-4.6	3.96	< 0.001
Avoidant	3.00	1.8-4.3	2.62	1.62-4.12	4.94	< 0.001
SDQ						
	39.5	12-76	21.0	20-46	9.76	< 0.001

^a PANAS, Positive and Negative Affect Scale (FND n = 70; Control n = 167); CATS, Childhood Abuse and Trauma Scale (FND n = 70; Control n = 167); RSQ, Relationship Scales Questionnaire (FND n = 70; Control n = 170).; SDQ, Somatoform Dissociation Questionnaire (FND n = 70; Control n = 96). p in bold, significant after Bonferroni-Holm correction.

Supplementary Table S2. Internal consistency^a

LiNES subscales		
Childhood	FND α	Control α
Interpersonal trauma	0.81	0.62
Negative affect	0.95	0.85
Relationship insecurity	0.90	0.82
Adolescence	FND α	Control α
Interpersonal trauma	0.78	0.64
Negative affect	0.96	0.86
Relationship insecurity	0.92	0.80
Adulthood	FND α	Control α
Interpersonal trauma	0.87	0.52
Negative affect	0.94	0.87
Relationship insecurity	0.87	0.76

^a α , Cronbach's alpha

Supplementary Table S3. LiNES scores^a

LiNES subscales	FND n = 71		Control n = 170		Mann-Whitney (Z)	p
	Median	range	Median	range		
Childhood						
Trauma	0.50	0-4.75	0.00	0-2.75	6.79	<0.001
Affect	2.00	0-6	1.40	0-5.6	2.41	0.016
Relationship	5.25	0-6	1.25	0-5.25	2.69	0.07
Adolescence						
Trauma	0.75	0-4.5	0.00	0-3.5	7.48	<0.001
Affect	3.00	0-6	2.40	0-6	1.82	0.067
Relationship	2.50	0-6	1.50	0-5.5	2.84	0.004
Adulthood						
Trauma	0.75	0-6	0.00	0-2	7.34	<0.001
Affect	4.20	0-6	2.40	0-5.4	5.07	<0.001
Relationship	2.00	0-5.25	1.50	0-4.5	2.89	0.004

^aTrauma, LiNES Interpersonal trauma subscale; Affect, LiNES Negative affect subscale; Relationship, LiNES Relationship insecurity subscale; p in bold, significant after Bonferroni-Holm correction.

Supplementary Table S4. LiNES scores in FND and NEAD&FND individuals^a

LiNES subscales	FND n = 36		NEAD&FND n = 35		Mann-Whitney (Z)	p
	Median	range	Median	range		
Childhood						
Trauma	0.00	0-4.5	1.5	0-4.75	2.91	0.004
Affect	1.50	0-5.6	3	0-6	1.58	0.114
Relationship	1.25	0-5.6	3	0-6	1.62	0.104
Adolescence						
Trauma	0.25	0-4.5	1.5	0-4.5	2.81	0.005
Affect	2.1	0-6	3.4	0-6	2.30	0.021
Relationship	1.75	0-6	3	0-6	1.92	0.054
Adulthood						
Trauma	0.12	0-5.25	1.25	0-6	1.95	0.051
Affect	2.8	0-6	4.6	0-6	2.61	0.009
Relationship	1.5	0-5.25	2.25	0-5	2.28	0.022

^a Trauma, LiNES Interpersonal trauma subscale; Affect, LiNES Negative affect subscale; Relationship, LiNES Relationship insecurity subscale; p in bold, significant after Bonferroni-Holm correction.

Supplementary Table S5A. FND participants - Relationships between childhood, adolescence, and adulthood LiNES scores^a

LiNES subscales	Developmental stage		
	Child x Adol (r)	Child x Adult	Adol x adult
<i>Interpersonal Trauma</i>			
r_s	.884	.571	.649
Z	.672	.308	.768
Cohen's d	-	-	-
<i>Negative affect</i>			
r_s	.833	.565	.651
Z	4.112*	5.125*	2.989*
Cohen's d	0.3*	0.43*	0.24*
<i>Relationship insecurity</i>			
r_s	.925	.524	.634
Z	5.124*	0.534	2.176
Cohen's d	0.42*	-	-

^a Correlations are shown in bold; all correlations were significant at $p < .001$ and remained significant after Bonferroni-Holm corrections for multiple comparisons; r_s =Spearman's correlation coefficient; Z = Wilcoxon signed ranks test. * indicates t-test significance $< .01$ (corrected, Bonferroni-Holm) or effect size > 0.2 (small); - indicates where no effect size calculation was carried out due to non-significant t-test.

Supplementary Table S5B. Control participants - Relationships between childhood, adolescence, and adulthood LiNES scores (n = 170)^a

Description	Developmental stage		
	Child x Adol (r)	Child x Adult	Adol x adult
<i>Interpersonal Trauma</i>			
r_s	.551	.390	.435
Z	.502	.751	-1.399
Cohen's d	-	-	-
<i>Negative affect</i>			
r_s	.561	.413	.694
Z	8.512**	7.953**	.737
Cohen's d	0.46*	0.43*	-
<i>Relationship insecurity</i>			
r	.745	.570	.632
Z	7.133*	2.578*	3.398*
Cohen's d	0.39*	0.13	0.18

^a Correlations are shown in bold; all correlations were significant at $p < .001$ and remained significant after Bonferroni-Holm corrections for multiple comparisons; r_s =Spearman's correlation coefficient; Z = Wilcoxon signed ranks test. * indicates t-test significance $< .01$ (corrected, Bonferroni-Holm) or effect size > 0.2 (small), ** indicates t-test significance $< .001$ (that remained significant after Bonferroni-Holm correction) or effect size > 0.5 (medium); - indicates where no effect size calculation was carried out due to non-significant t-test.

Supplementary Table S6. Concurrent validity^a

		Correlations (r_s)		
LiNES Subscale	Validated measure	Child	Adoles	Adult
Interpersonal Trauma	CATS (n = 70)			
	Negative Environment	.746**	.790**	.533**
	Punishment	.615**	.633**	.516**
	Sexual Abuse	.642**	.569**	.385**
	Emotional Abuse	.636**	.681**	.452**
	Total Score	.769**	.774**	.534**
Negative Affect	PANAS (n = 70)			
	Negative	.544**	.569**	.575**
	Positive	-.242*	.257*	-.292*
Relationship Insecurity	RSQ (n= 70)			
	Anxious	.486**	.548**	.620**
	Avoidant	.063	.081	.019

^a CATS = Childhood Abuse and Trauma Scale; PANAS = Positive and Negative Affect Scale; RSQ = Relationship Scales Questionnaire; Adoles = Adolescence. r_s = Spearman's rho value. ** $p < .001$, * $p < 0.05$ (2-tailed) and remained significant following Bonferroni-Holm correction for multiple comparisons