

Supplementary Materials

	Linear	Poly~2	Poly~3	Spline~5
Female participants	-221.48	-219.48	-226.41	-224.93
Dutch-born participants	-234.03	-235.77	-233.91	-230.08
Dutch-born primary caregiver	-217.22	-215.57	-214.16	-211.31

Supplementary Table 1: AIC of models depicting temporal trends in the study population's sociodemographics. Numbers are rounded to 2 decimal places. Models with the lowest AIC values (highlighted) among their corresponding counterparts are selected as the best-fitting model and interpreted. *Linear*: linear model; *Poly~2*: polynomial of order 2; *Poly~3*: polynomial of order 3; *Spline~5*: natural cubic spline with 5 degrees of freedom.

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	Linear	Poly~2	Poly~3	Spline~5
Behavioral problems	38.73	23.63	18.92	22.74
Peer problems	62.65	60.99	62.94	62.91
Emotional problems	127.66	123.44	125.42	127.94
Hyperactivity	70.98	64.05	63.39	66.16
Prosocial tendencies	33.24	12.72	14.61	18.73
Incident suicidal ideation	-22.66	-25.79	-23.88	-22.78
Suicide normalization	-19.03	-23.36	-21.48	-19.32

Supplementary Table 2: AIC of models depicting temporal trends in psychosocial outcomes of the study population. Numbers are rounded to 2 decimal places. Models with the lowest AIC values (highlighted) among their corresponding counterparts are selected as the best-fitting model and interpreted. *Linear*: linear model; *Poly~2*: polynomial of order 2; *Poly~3*: polynomial of order 3; *Spline~5*: natural cubic spline with 5 degrees of freedom.

	<i>Model-fit parameters</i>			
	BIC	SABIC	Entropy	BLRT
# of latent profiles				
2	218236.07	218166.16	0.87	p=0.01
3	213753.99	213658.66	0.93	p=0.01
4	206096.70	205975.94	0.92	p=0.01
5	206146.22	206000.04	0.74	p≈1.00
6	209099.27	208927.67	0.75	p=0.01

Supplementary Table 3: Model-fit parameters of evaluated LPA models. Values are rounded to two decimal places. Lowest BIC, lowest SABIC, and highest entropy values are highlighted in bold. The last p-value that is below 0.05 is highlighted in bold.

Sociodemographic measures	Profile 1 (n=4526, 55.1%)	Profile 2 (n=604, 7.4%)	Profile 3 (n=2294, 27.9%)	Profile 4 (n=789, 9.6%)	
Age [mean (sd)]	17.4 (2.9)	18.4 (2.7)	16.4 (2.7)	16.8 (2.8)	$p<.001$
Gender					
Male	1238 (27.4%)	217 (35.9%)	183 (8.0%)	86 (10.9%)	$p<.001$
Female	3274 (72.3%)	382 (63.2%)	2065 (90.0%)	672 (85.2%)	$p<.001$
Other	14 (0.3%)	5 (0.8%)	46 (2.0%)	31 (3.9%)	$p<.001$
Dutch-born	3992 (88.2%)	535 (88.6%)	1898 (82.7%)	625 (79.2%)	$p<.001$
Dutch-born primary caregiver	3510 (77.6%)	444 (73.5%)	1867 (81.4%)	623 (79.0%)	$p<.001$

Supplementary Table 4: Descriptive statistics of the optimum LPA models. Variables are in a *number (percentage of sample size)* format unless indicated otherwise, and are rounded to 1 decimal place. Between-profile differences in values and proportions are evaluated using Kruskal-Wallis rank sum test and Pearson's Chi-squared test, respectively. p-values are rounded to 3 decimal places.

	Linear	Poly~2	Poly~3	Spline~5
Behavioral problems				
Profile 1	40.21	36.39	38.38	41.95
Profile 2	206.84	207.04	207.06	210.48
Profile 3	107.35	104.68	93.76	97.71
Profile 4	185.16	180.64	182.04	185.93
Peer problems				
Profile 1	98.58	98.97	99.28	100.38
Profile 2	183.84	183.94	176.63	181.14
Profile 3	75.46	72.97	74.77	72.71
Profile 4	164.60	161.37	163.35	165.56
Emotional problems				
Profile 1	152.85	153.42	154.35	157.92
Profile 2	254.32	256.13	257.98	260.21
Profile 3	75.46	75.37	77.34	80.74
Profile 4	164.60	166.37	167.60	171.41
Hyperactivity				
Profile 1	118.55	118.16	115.66	119.40
Profile 2	235.34	236.88	237.99	240.51
Profile 3	90.42	91.53	93.29	95.45
Profile 4	183.04	184.44	186.43	188.85
Prosocial tendencies				
Profile 1	82.31	66.01	67.88	68.38
Profile 2	188.50	188.83	189.40	191.37
Profile 3	83.14	82.63	82.52	86.55
Profile 4	169.25	161.02	160.10	162.30
Incident suicidal ideation				
Profile 1	-107.56	-110.46	-108.47	-104.90
Profile 2	151.19	153.12	154.27	155.93
Profile 3	24.32	26.26	27.33	28.28
Profile 4	135.98	137.53	139.39	142.96
Suicide normalization				
Profile 1	-87.81	-89.26	-87.43	-85.27
Profile 2	157.69	159.20	160.87	163.20
Profile 3	30.98	32.41	34.37	37.41
Profile 4	126.98	128.95	130.93	134.57

Supplementary Table 5: AIC of models depicting temporal trends in psychosocial outcomes of each identified latent profile within the study population. Numbers are rounded to 2 decimal places. Models with the lowest AIC values (highlighted) among their corresponding counterparts are selected as the best-fitting model and interpreted. *Linear*: linear model; *Poly~2*: polynomial of order 2; *Poly~3*: polynomial of order 3; *Spline~5*: natural cubic spline with 5 degrees of freedom.