

Supplementary materials. Testing Gender Differences in Psychological Adjustment among Early Adolescents through a Multigroup Analysis of Latent Profiles

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Table S1*Correlations Among the Variables Studied in All Sample*

Variable	1	2	3	4	5	6	7	8	9	10	11
1. Emotional symptoms (T3)											
2. Conduct problems (T3)	.29**										
3. Hyperactivity/Inattention (T3)	.27**	.54**									
4. Peer relationship problems (T3)	.41**	.37**	.26**								
5. Prosocial behavior (T3)	-.02	-.37**	-.26**	-.24**							
6. Socioeconomic status (T1)	-.16**	-.12**	-.09	-.14**	-.01						
7. Effortful control (T1)	0	-.17**	-.17**	-.10	.15**	-.08					
8. Surgency/Extraversion (T1)	-.05	.11*	.21**	.06	-.02	.08	-.02				
9. Negative affect (T1)	.13**	.02	0	-.01	.01	-.19**	.15**	-.03			
10. Emotion regulation (T2)	.05	-.10	-.06	-.04	.23***	.14**	.15**	.19**	-.13**		
11. Lability/Negativity (T2)	.12*	.26**	.26**	.12*	-.17**	-.15**	-.16**	.09	.32**	-.48**	

Note. T = Time. * $p < .005$; ** $p < .001$. Bonferroni corrections applied to adjust for multiple comparisons.

Table S2*Correlations Among the Variables Studied in Boys*

Variable	1	2	3	4	5	6	7	8	9	10	11
1. Emotional symptoms (T3)											
2. Conduct problems (T3)	.31**										
3. Hyperactivity/Inattention (T3)	.29**	.55**									
4. Peer relationship problems (T3)	.39**	.36**	.25**								
5. Prosocial behavior (T3)	-.05	-.39**	-.28**	-.22**							
6. Socioeconomic status (T1)	-.09	-.09	0	-.09	-.01						
7. Effortful control (T1)	-.10	-.11	-.16*	-.11	.01	-.04					
8. Surgency/Extraversion (T1)	-.10	.12	.19**	.07	-.01	.15	.01				
9. Negative affect (T1)	.15*	.03	.01	0	-.01	-.22**	.13	-.03			
10. Emotion regulation (T2)	.06	-.04	-.03	-.03	.18**	.11	.12	.21**	-.19*		
11. Lability/Negativity (T2)	.13	.22**	.27**	.15*	-.15	-.15	-.16*	.08	.36**	-.50**	

Note. T = Time. * $p < .005$; ** $p < .001$. Bonferroni corrections applied to adjust for multiple comparisons.

Table S3*Correlations Among the Variables Studied in Girls*

Variable	1	2	3	4	5	6	7	8	9	10	11
1. Emotional symptoms (T3)											
2. Conduct problems (T3)	.35**										
3. Hyperactivity/Inattention (T3)	.30**	.51**									
4. Peer relationship problems (T3)	.50**	.35**	.26**								
5. Prosocial behavior (T3)	-.06	-.27**	-.19**	-.23**							
6. Socioeconomic status (T1)	-.23**	-.18**	-.18**	-.20**	.01						
7. Effortful control (T1)	0	-.14	-.14	-.01	.23**	-.12					
8. Surgency/Extraversion (T1)	.01	.06	.22**	.03	.02	0	-.01				
9. Negative affect (T1)	.08	.06	.01	.02	-.02	-.16*	.12	-.01			
10. Emotion regulation (T2)	0	-.13	-.07	0	.24**	.18*	.12	.20**	-.09		
11. Lability/Negativity (T2)	.16*	.27**	.22**	.04	-.16*	-.17*	-.11	.09	.31**	-.41**	

Note. T = Time. * $p < .005$; ** $p < .001$. Bonferroni corrections applied to adjust for multiple comparisons.

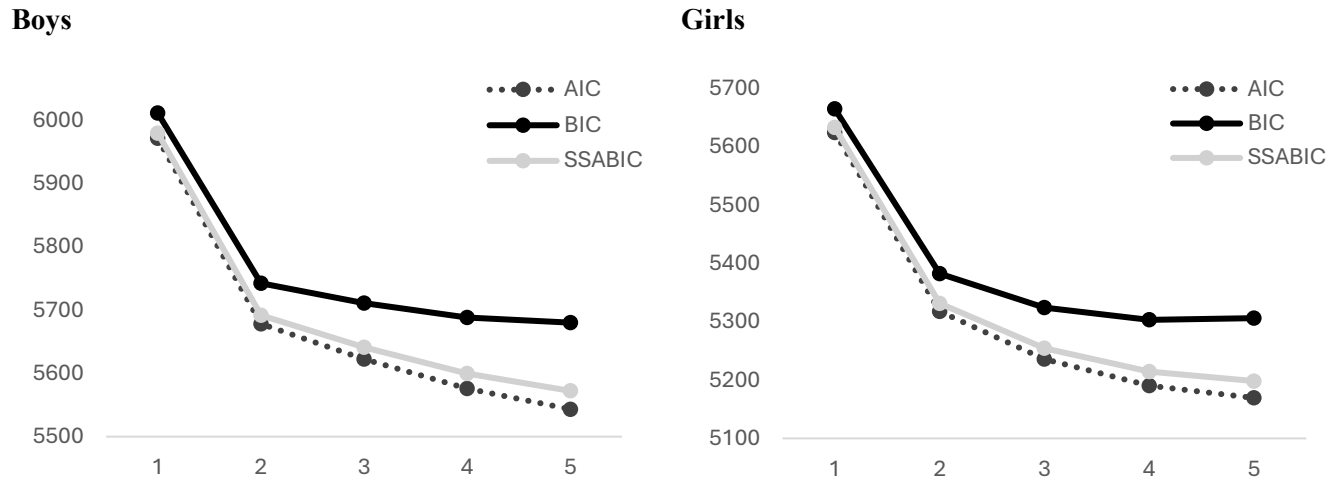


Figure S1. Elbow plots of information criteria from latent profile analyses conducted separately for boys and girls. the horizontal axis represents the number of profiles.

Table S4

Average Latent Class Probabilities for Most Likely Latent Class Pattern (Row) by Latent Class Pattern (Column)

	Profile 1: Moderately Externalizing	Profile 2: Internalizing	Profile 3: Comorbid	Profile 4: Normative
Boys				
Profile 1: Moderately Externalizing	.803	.032	.051	.113
Profile 2: Internalizing	.147	.751	.066	.036
Profile 3: Comorbid	.125	.025	.850	0
Profile 4: Normative	.082	.013	0	.905
Girls				
Profile 1: Moderately Externalizing	.792	.068	.008	.132
Profile 2: Internalizing	.057	.884	.018	.041
Profile 3: Comorbid	.085	.088	.827	0
Profile 4: Normative	.046	.013	0	.941

Note. Profiles were estimated using variables scores standardized as Z-scores, with a global mean of 0 and a global standard deviation of 1.

Table S5*Mean Estimates of the Multigroup 4-Profile Structural Similarity Across Profiles*

Profile	Domain	Estimate	Lower CI	Upper CI
Profile 1: Moderately Externalizing	Emotional problems _a	-0.03	-0.24	0.17
	Conduct problems _a	0.64	0.36	0.93
	Hyperactivity/Inattention _a	0.66	0.50	0.82
	Peer relationship problems _a	-0.15	-0.29	-0.02
	Prosocial behavior _a	-0.23	-0.47	0.01
Profile 2: Internalizing	Emotional problems _b	1.40	1.11	1.70
	Conduct problems _a	0.38	0.01	0.75
	Hyperactivity/Inattention _a	0.36	0.07	0.65
	Peer relationship problems _b	1.51	0.96	2.06
	Prosocial behavior _a	-0.01	-0.25	0.22
Profile 3: Comorbid	Emotional problems _c	0.64	0.22	1.07
	Conduct problems _b	1.92	1.68	2.16
	Hyperactivity/Inattention _b	1.10	0.85	1.36
	Peer relationship problems _b	1.30	0.75	1.84
	Prosocial behavior _b	-1.30	-1.79	-0.80
Profile 4: Normative	Emotional problems _a	-0.32	-0.41	-0.23
	Conduct problems _c	-0.63	-0.70	-0.57
	Hyperactivity/Inattention _c	-0.52	-0.62	-0.41
	Peer relationship problems _c	-0.38	-0.46	-0.31
	Prosocial behavior _c	0.33	0.25	0.41

Note. Different subscript letters indicate statistically significant differences, based on non-overlapping confidence intervals. Lower CI = Lower 95% Confidence Interval; Upper CI = Upper 95% Confidence Interval.