

Tables

Table 1. Confirmatory factor analysis (CFA) model fit indices of the latent constructs

	Internal political efficacy	Civic learning	Open classroom	Active student participation	Political home
chisq	90.6604623	101.8252302	459.0056879	58.7269185	671.0600113
df	5.0000000	8.0000000	9.0000000	5.0000000	9.0000000
pvalue	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
cfi	0.9942040	0.9865580	0.8895705	0.9945608	0.8842900
tli	0.9884080	0.9747963	0.8159508	0.9891217	0.8071501
rmsea	0.0656420	0.0542093	0.1115256	0.0518365	0.1564607
srmr	0.0333355	0.0358564	0.0781895	0.0424290	0.0933643

Note: the one-factor CFA's of these scales are made with the R lavaan package and the "WLSMV" estimator.

Table 2. Access hypothesis

<i>Predictors</i>	Civic learning experiences <i>Estimates</i>	Open classroom climate <i>Estimates</i>	Active student participation <i>Estimates</i>
Intercept	0.21 *** (0.06)	-0.01 (0.05)	0.27 *** (0.05)
Gender - Female	-0.10 ** (0.03)	0.18 *** (0.03)	0.09 ** (0.03)
Political home environment	0.07 *** (0.02)	0.06 ** (0.02)	0.13 *** (0.02)
Educational track - TSO	-0.23 ** (0.07)	-0.10 (0.06)	-0.34 *** (0.06)
Educational track - BSO	-0.23 ** (0.08)	-0.13 * (0.07)	-0.64 *** (0.06)
Random Effects			
σ^2	0.81	0.89	0.81
τ_{00}	0.19 IDSCHOOL	0.08 IDSCHOOL	0.07 IDSCHOOL
ICC	0.19	0.09	0.08
N	150 IDSCHOOL	150 IDSCHOOL	150 IDSCHOOL
Observations	3898	3898	3898
Marginal R ² / Conditional R ²	0.025 / 0.213	0.019 / 0.104	0.121 / 0.193
* $p < 0.05$ ** $p < 0.01$ *** $p < 0.001$			

Notes: The model is estimated with the R nlme package and the table is made with the sjPlot package. Gender is a dummy variable (1 = female, 0 = male), and Tracking is a categorical variable (1 = ASO, 2 = TSO, 3 = BSO). All scale variables were standardized beforehand.

Table 3. Civic learning experience models

<i>Predictors</i>	Model 1 <i>Estimates</i>	Model 2 <i>Estimates</i>	Model 3 <i>Estimates</i>	Model 4 <i>Estimates</i>	Model 5 <i>Estimates</i>
Intercept	0.44 *** (0.05)	0.62 *** (0.06)	0.54 *** (0.06)	0.52 *** (0.06)	0.52 *** (0.06)
Gender - Female	-0.18 *** (0.03)	-0.20 *** (0.03)	-0.18 *** (0.03)	-0.18 *** (0.03)	-0.18 *** (0.03)
Migration - native	-0.38 *** (0.05)	-0.42 *** (0.05)	-0.37 *** (0.05)	-0.37 *** (0.05)	-0.37 *** (0.05)
Knowledge test	0.26 *** (0.02)	0.16 *** (0.02)	0.15 *** (0.02)	0.15 *** (0.02)	0.15 *** (0.02)
Educational track - TSO		-0.20 *** (0.05)	-0.15 ** (0.05)	-0.14 ** (0.05)	-0.13 ** (0.05)
Educational track - BSO		-0.25 *** (0.06)	-0.21 *** (0.06)	-0.18 ** (0.06)	-0.18 ** (0.06)
Political home environment (PH)		0.17 *** (0.02)	0.16 *** (0.02)	0.18 *** (0.03)	0.19 *** (0.03)
Civic learning experiences (CLE)			0.19 *** (0.02)	0.23 *** (0.03)	0.25 *** (0.03)
PH:CLE				-0.05 ** (0.02)	-0.09 *** (0.03)
CLE:tracking - TSO				-0.08 * (0.04)	-0.10 * (0.04)
CLE:tracking - BSO				-0.06 (0.04)	-0.09 (0.05)
PH:tracking - TSO				-0.05 (0.04)	-0.05 (0.04)
PH:tracking - BSO				-0.00 (0.04)	-0.01 (0.04)
PH:CLE:tracking - TSO					0.10 * (0.04)
PH:CLE:tracking - BSO					0.03 (0.04)
Random Effects					
σ^2	0.86	0.83	0.81	0.80	0.80
τ_{00}	0.05 IDSCHOOL	0.04 IDSCHOOL	0.03 IDSCHOOL	0.03 IDSCHOOL	0.03 IDSCHOOL
ICC	0.06	0.04	0.03	0.03	0.03
N	150 IDSCHOOL	150 IDSCHOOL	150 IDSCHOOL	150 IDSCHOOL	150 IDSCHOOL
Observations	3898	3898	3898	3898	3898
Marginal R ² / Conditional R ²	0.083 / 0.136	0.139 / 0.176	0.173 / 0.198	0.175 / 0.201	0.176 / 0.202

* $p < 0.05$ ** $p < 0.01$ *** $p < 0.001$

Notes: The model is estimated with the R nlme package and the table is made with the sjPlot package. Gender is a dummy variable (1 = female, 0 = male), Migration is a dummy variable (1 = Native, 0 = otherwise), and Tracking is a categorical variable (1 = ASO, 2 = TSO, 3 = BSO). All scale variables were standardized beforehand.

	<i>npar</i>	<i>AIC</i>	<i>BIC</i>	<i>logLik</i>	<i>deviance</i>	<i>Chisq</i>	<i>Df</i>	<i>Pr..Chisq.</i>
Model 1	6	10601.65	10639.26	-5294.83	10589.65	NA	NA	NA
Model 2	9	10471.38	10527.79	-5226.69	10453.38	136.27	3	0.00
Model 3	10	10319.91	10382.59	-5149.95	10299.91	153.47	1	0.00
Model 4	15	10317.40	10411.43	-5143.70	10287.40	12.50	5	0.03
Model 5	17	10314.52	10421.08	-5140.26	10280.52	6.89	2	0.03

Table 4. Open classroom climate

<i>Predictors</i>	Model 1 <i>Estimates</i>	Model 2 <i>Estimates</i>	Model 3 <i>Estimates</i>	Model 4 <i>Estimates</i>	Model 5 <i>Estimates</i>
Intercept	0.44 *** (0.05)	0.62 *** (0.06)	0.61 *** (0.06)	0.61 *** (0.06)	0.60 *** (0.06)
Gender - Female	-0.18 *** (0.03)	-0.20 *** (0.03)	-0.22 *** (0.03)	-0.22 *** (0.03)	-0.22 *** (0.03)
Migration - native	-0.38 *** (0.05)	-0.42 *** (0.05)	-0.41 *** (0.05)	-0.41 *** (0.05)	-0.40 *** (0.05)
Knowledge test	0.26 *** (0.02)	0.16 *** (0.02)	0.15 *** (0.02)	0.15 *** (0.02)	0.15 *** (0.02)
Educational track - TSO		-0.20 *** (0.05)	-0.18 *** (0.05)	-0.18 *** (0.05)	-0.18 *** (0.05)
Educational track - BSO		-0.25 *** (0.06)	-0.24 *** (0.06)	-0.21 *** (0.06)	-0.21 *** (0.06)
Political home environment (PH)		0.17 *** (0.02)	0.16 *** (0.02)	0.17 *** (0.03)	0.17 *** (0.03)
Open classroom climate (OCC)			0.19 *** (0.02)	0.21 *** (0.03)	0.23 *** (0.03)
PH:OCC				-0.04 * (0.02)	-0.09 ** (0.03)
OCC:tracking - TSO				-0.01 (0.04)	-0.03 (0.04)
OCC:tracking - BSO				-0.07 (0.04)	-0.06 (0.05)
PH:tracking - TSO				-0.03 (0.04)	-0.04 (0.04)
PH:tracking - BSO				0.02 (0.04)	0.02 (0.04)
PH:OCC:tracking - TSO					0.07 (0.04)
PH:OCC:tracking - BSO					0.09 * (0.04)
Random Effects					
σ^2	0.86	0.83	0.81	0.81	0.81
τ_{00}	0.05 IDSCHOOL	0.04 IDSCHOOL	0.02 IDSCHOOL	0.02 IDSCHOOL	0.02 IDSCHOOL
ICC	0.06	0.04	0.03	0.03	0.03
N	150 IDSCHOOL	150 IDSCHOOL	150 IDSCHOOL	150 IDSCHOOL	150 IDSCHOOL
Observations	3898	3898	3898	3898	3898
Marginal R ² / Conditional R ²	0.083 / 0.136	0.139 / 0.176	0.171 / 0.193	0.172 / 0.194	0.173 / 0.195

* $p < 0.05$ ** $p < 0.01$ *** $p < 0.001$

Notes: The model is estimated with the R nlme package and the table is made with the sjPlot package.

Gender is a dummy variable (1 = female, 0 = male), Migration is a dummy variable (1 = Native, 0 = otherwise), and Tracking is a categorical variable (1 = ASO, 2 = TSO, 3 = BSO). All scale variables were standardized beforehand.

	<i>npar</i>	<i>AIC</i>	<i>BIC</i>	<i>logLik</i>	<i>deviance</i>	<i>Chisq</i>	<i>Df</i>	<i>Pr..Chisq.</i>
Model 1	6	10601.65	10639.26	-5294.83	10589.65	NA	NA	NA
Model 2	9	10471.38	10527.79	-5226.69	10453.38	136.27	3	0.00
Model 3	10	10326.62	10389.30	-5153.31	10306.62	146.76	1	0.00
Model 4	15	10329.60	10423.63	-5149.80	10299.60	7.02	5	0.22
Model 5	17	10327.92	10434.48	-5146.96	10293.92	5.69	2	0.06

Table 5. Active student participation

<i>Predictors</i>	Model 1 <i>Estimates</i>	Model 2 <i>Estimates</i>	Model 3 <i>Estimates</i>	Model 4 <i>Estimates</i>	Model 5 <i>Estimates</i>
Intercept	0.44 *** (0.05)	0.62 *** (0.06)	0.51 *** (0.06)	0.51 *** (0.06)	0.51 *** (0.06)
Gender - Female	-0.18 *** (0.03)	-0.20 *** (0.03)	-0.24 *** (0.03)	-0.24 *** (0.03)	-0.24 *** (0.03)
Migration - native	-0.38 *** (0.05)	-0.42 *** (0.05)	-0.36 *** (0.05)	-0.36 *** (0.05)	-0.36 *** (0.05)
Knowledge test	0.26 *** (0.02)	0.16 *** (0.02)	0.12 *** (0.02)	0.12 *** (0.02)	0.12 *** (0.02)
Educational track - TSO		-0.20 *** (0.05)	-0.11 * (0.05)	-0.11 * (0.05)	-0.11 * (0.05)
Educational track - BSO		-0.25 *** (0.06)	-0.11 (0.06)	-0.08 (0.06)	-0.08 (0.06)
Political home environment (PH)		0.17 *** (0.02)	0.13 *** (0.02)	0.15 *** (0.03)	0.15 *** (0.03)
Active student participation (ASP)			0.31 *** (0.02)	0.32 *** (0.03)	0.33 *** (0.03)
PH:ASP				-0.05 ** (0.02)	-0.05 * (0.02)
ASP:tracking - TSO				-0.02 (0.04)	-0.02 (0.04)
ASP:tracking - BSO				-0.02 (0.04)	-0.04 (0.05)
PH:tracking - TSO				-0.04 (0.04)	-0.04 (0.04)
PH:tracking - BSO				0.00 (0.04)	-0.01 (0.05)
PH:ASP:tracking - TSO					0.03 (0.04)
PH:ASP:tracking - BSO					-0.02 (0.04)
Random Effects					
σ^2	0.86	0.83	0.76	0.76	0.76
τ_{00}	0.05 IDSCHOOL	0.04 IDSCHOOL	0.03 IDSCHOOL	0.03 IDSCHOOL	0.03 IDSCHOOL
ICC	0.06	0.04	0.04	0.04	0.04
N	150 IDSCHOOL	150 IDSCHOOL	150 IDSCHOOL	150 IDSCHOOL	150 IDSCHOOL
Observations	3898	3898	3898	3898	3898
Marginal R ² / Conditional R ²	0.083 / 0.136	0.139 / 0.176	0.220 / 0.249	0.221 / 0.251	0.221 / 0.251
* $p < 0.05$ ** $p < 0.01$ *** $p < 0.001$					

Notes: The model is estimated with the R nlme package and the table is made with the sjPlot package. Gender is a dummy variable (1 = female, 0 = male), Migration is a dummy variable (1 = Native, 0 = otherwise), and Tracking is a categorical variable (1 = ASO, 2 = TSO, 3 = BSO). All scale variables were standardized beforehand.

	<i>npar</i>	<i>AIC</i>	<i>BIC</i>	<i>logLik</i>	<i>deviance</i>	<i>Chisq</i>	<i>Df</i>	<i>Pr..Chisq.</i>
Model 1	6	10601.65	10639.26	-5294.83	10589.65	NA	NA	NA
Model 2	9	10471.38	10527.79	-5226.69	10453.38	136.27	3	0.00
Model 3	10	10091.92	10154.60	-5035.96	10071.92	381.46	1	0.00
Model 4	15	10091.45	10185.48	-5030.73	10061.45	10.46	5	0.06
Model 5	17	10094.16	10200.71	-5030.08	10060.16	1.30	2	0.52

Table 6. Generalized variance inflation factors (GVIF) of the main models

GVIF of model 5, table 3			
	GVIF	Df	GVIF ^{^(1/(2*Df))}
Gender	1.036397	1	1.018036
Migration	1.045837	1	1.022662
Knowledge	1.533983	1	1.238541
Educational track	2.015683	2	1.191532
Political home environment (PH)	3.399907	1	1.843884
Civic learning experiences (CLE)	3.688236	1	1.920478
PH:CLE	3.632077	1	1.905801
CLE:tracking	5.098798	2	1.502682
PH:tracking	3.829548	2	1.398901
PH:CLE:tracking	4.971199	2	1.493191

GVIF of model 5, table 4			
	GVIF	Df	GVIF ^{^(1/(2*Df))}
Gender	1.050713	1	1.025043
Migration	1.040543	1	1.020070
Knowledge	1.565578	1	1.251230
Educational track	2.040573	2	1.195193
Political home environment (PH)	3.301904	1	1.817114
Open classroom climate (OCC)	3.650377	1	1.910596
PH:OCC	3.711883	1	1.926625
OCC:tracking	5.269300	2	1.515089
PH:tracking	3.654702	2	1.382652
PH:OCC:tracking	5.119079	2	1.504174

GVIF of model 5, table 5			
	GVIF	Df	GVIF ^{^(1/(2*Df))}
Gender	1.042037	1	1.020802
Migration	1.041045	1	1.020316
Knowledge	1.510821	1	1.229155
Educational track	2.039757	2	1.195073
Political home environment (PH)	3.667151	1	1.914981
Active student participation (ASP)	3.429706	1	1.851946
PH:ASP	3.101634	1	1.761146
ASP:tracking	4.267276	2	1.437268
PH:tracking	4.347314	2	1.443960
PH:ASP:tracking	3.921523	2	1.407226

Table 7. Subgroup analysis for ASO students

<i>Predictors</i>	Model 1 <i>Estimates</i>	Model 2 <i>Estimates</i>	Model 3 <i>Estimates</i>
Intercept	0.59 *** (0.08)	0.64 *** (0.08)	0.58 *** (0.08)
Gender - Female	-0.33 *** (0.05)	-0.36 *** (0.05)	-0.36 *** (0.04)
Migration - native	-0.32 *** (0.08)	-0.33 *** (0.08)	-0.32 *** (0.08)
Knowledge test	0.10 *** (0.03)	0.12 *** (0.03)	0.08 ** (0.03)
Political home environment (PH)	0.19 *** (0.03)	0.18 *** (0.03)	0.16 *** (0.03)
Civic learning experiences (CLE)	0.25 *** (0.03)		
PH:CLE	-0.10 *** (0.03)		
Open classroom climate (OCC)		0.23 *** (0.03)	
PH:OCC		-0.08 ** (0.03)	
Active student participation (ASP)			0.33 *** (0.03)
PH:ASP			-0.05 * (0.02)
Random Effects			
σ^2	0.70	0.71	0.65
τ_{00}	0.03 IDSCHOOL	0.02 IDSCHOOL	0.04 IDSCHOOL
ICC	0.03	0.03	0.05
N	66 IDSCHOOL	66 IDSCHOOL	66 IDSCHOOL
Observations	1467	1467	1467
Marginal R ² / Conditional R ²	0.142 / 0.172	0.138 / 0.165	0.199 / 0.240
* $p < 0.05$ ** $p < 0.01$ *** $p < 0.001$			

Notes: The model is estimated with the R nlme package and the table is made with the sjPlot package. Gender is a dummy variable (1 = female, 0 = male) and Migration is a dummy variable (1 = Native, 0 = otherwise). All scale variables were standardized beforehand.

Table 8. Subgroup analysis for TSO students

<i>Predictors</i>	Model 1 <i>Estimates</i>	Model 2 <i>Estimates</i>	Model 3 <i>Estimates</i>
Intercept	0.33 *** (0.09)	0.34 *** (0.09)	0.37 *** (0.09)
Gender - Female	-0.09 (0.05)	-0.12 * (0.05)	-0.18 *** (0.05)
Migration - native	-0.36 *** (0.09)	-0.38 *** (0.09)	-0.36 *** (0.09)
Knowledge test	0.20 *** (0.03)	0.19 *** (0.03)	0.17 *** (0.03)
Political home environment (PH)	0.13 *** (0.03)	0.13 *** (0.03)	0.10 *** (0.03)
Civic learning experiences (CLE)	0.16 *** (0.03)		
PH:CLE	0.01 (0.03)		
Open classroom climate (OCC)		0.20 *** (0.03)	
PH:OCC		-0.02 (0.03)	
Active student participation (ASP)			0.30 *** (0.03)
PH:ASP			-0.02 (0.03)
Random Effects			
σ^2	0.79	0.78	0.74
τ_{00}	0.02 IDSCHOOL	0.01 IDSCHOOL	0.02 IDSCHOOL
ICC	0.02	0.01	0.03
N	58 IDSCHOOL	58 IDSCHOOL	58 IDSCHOOL
Observations	1361	1361	1361
Marginal R ² / Conditional R ²	0.090 / 0.107	0.106 / 0.118	0.143 / 0.167
* $p < 0.05$ ** $p < 0.01$ *** $p < 0.001$			

Notes: The model is estimated with the R nlme package and the table is made with the sjPlot package. Gender is a dummy variable (1 = female, 0 = male) and Migration is a dummy variable (1 = Native, 0 = otherwise). All scale variables were standardized beforehand.

Table 9 Subgroup analysis for BSO students

<i>Predictors</i>	Model 1 <i>Estimates</i>	Model 2 <i>Estimates</i>	Model 3 <i>Estimates</i>
Intercept	0.32 ** (0.10)	0.40 *** (0.10)	0.38 *** (0.10)
Gender - Female	0.00 (0.07)	-0.06 (0.07)	-0.06 (0.06)
Migration - native	-0.43 *** (0.09)	-0.49 *** (0.09)	-0.39 *** (0.08)
Knowledge test	0.16 *** (0.05)	0.17 *** (0.05)	0.14 ** (0.05)
Political home environment (PH)	0.17 *** (0.04)	0.19 *** (0.04)	0.14 *** (0.04)
Civic learning experiences (CLE)	0.16 *** (0.04)		
PH:CLE	-0.07 * (0.03)		
Open classroom climate (OCC)		0.16 *** (0.04)	
PH:OCC		0.01 (0.03)	
Active student participation (ASP)			0.29 *** (0.04)
PH:ASP			-0.08 * (0.04)
Random Effects			
σ^2	0.94	0.97	0.91
τ_{00}	0.02 IDSCHOOL	0.01 IDSCHOOL	0.02 IDSCHOOL
ICC	0.02	0.01	0.02
N	52 IDSCHOOL	52 IDSCHOOL	52 IDSCHOOL
Observations	1070	1070	1070
Marginal R ² / Conditional R ²	0.112 / 0.128	0.090 / 0.103	0.147 / 0.161
* $p < 0.05$ ** $p < 0.01$ *** $p < 0.001$			

Notes: The model is estimated with the R nlme package and the table is made with the sjPlot package. Gender is a dummy variable (1 = female, 0 = male) and Migration is a dummy variable (1 = Native, 0 = otherwise). All scale variables were standardized beforehand.

Table 10. Descriptive statistics of the variables

Characteristic	Overall, N = 3,898 ¹	ASO, N = 1,467 ¹	TSO, N = 1,361 ¹	BSO, N = 1,070 ¹	p-value ²
Internal political efficacy	7.8 (2.9)	8.8 (2.7)	7.6 (2.7)	6.8 (3.0)	<0.001
Political home	12.9 (5.2)	15.6 (4.7)	12.8 (4.7)	9.3 (4.4)	<0.001
Knowledge test	50 (10)	56 (8)	49 (7)	41 (7)	<0.001
Civic learning experiences	9.1 (3.9)	10.0 (3.8)	8.5 (3.6)	8.5 (4.1)	<0.001
Open classroom climate	12.2 (3.4)	12.6 (3.2)	12.0 (3.3)	11.8 (3.6)	<0.001
Active student participation	4.5 (3.3)	5.8 (3.3)	4.2 (3.0)	3.1 (3.0)	<0.001
Migration background					<0.001
• Migration	429 / 3,898 (11%)	151 / 1,467 (10%)	109 / 1,361 (8.0%)	169 / 1,070 (16%)	<0.001
• Native	3,469 / 3,898 (89%)	1,316 / 1,467 (90%)	1,252 / 1,361 (92%)	901 / 1,070 (84%)	
Gender					
• Male	1,854 / 3,898 (48%)	590 / 1,467 (40%)	708 / 1,361 (52%)	556 / 1,070 (52%)	
• Female	2,044 / 3,898 (52%)	877 / 1,467 (60%)	653 / 1,361 (48%)	514 / 1,070 (48%)	
¹ Mean (SD); n / N (%)					
² Kruskal-Wallis rank sum test; Pearson's Chi-squared test					

Correlation matrix						
	IPE	PH	Knowledge	CLO	OCC	ASP
IPE	1	0.263	0.278	0.257	0.222	0.384
PH	0.263	1	0.437	0.119	0.089	0.257
Knowledge	0.278	0.437	1	0.133	0.071	0.278
CLO	0.257	0.119	0.133	1	0.406	0.266
OCC	0.222	0.089	0.071	0.406	1	0.230
ASP	0.384	0.257	0.278	0.266	0.230	1

Notes: The descriptive table is made in R with the gtsummary package and the correlation matrix with the Hmisc package