

Table S1

Descriptive statistics and correlation coefficients (only secondary school Estonian test language sample)

Variable	Descriptive Statistics					Correlations						
	N	M	SD	Min	Max	1	2	3	4	5	6	7
1. Test score	1175	35.74	9.19	7	63	1						
2. Test duration (min)	1175	106.46	23.23	33	173	.380***	1					
3. Test importance	1175	9.29	2.55	3	15	.266***	.333***	1				
4. Test effort	1175	13.75	3.47	4	20	.326***	.266***	.587***	1			
5. Test difficulty	1175	3.60	0.75	1	5	-.102*	-.009	-.057	-.041	1		
6. Test appeal	1175	3.27	0.98	1	5	.237***	.208***	.453***	.422***	-.122**	1	
7. GS anxiety	1175	7.23	2.65	3	12	.035	.050	.032	.021	-.050	.047	1
8. SS anxiety ^a	1175	13.91	3.91	5	20	-.132***	-.060	-.010	-.066	.204***	-.074	.023
9. Physics anxiety	417	13.99	3.62	5	20	-.135	-.098	-.105	-.146	.202**	-.169*	.047
10. Chemistry anxiety	501	14.85	3.82	5	20	-.172**	-.060	-.007	-.048	.220***	-.085	-.013
11. Geography anxiety	91	11.92	4.10	5	20	.067	.234	.067	-.022	.207	-.082	-.091
12. Biology anxiety	166	11.96	3.67	5	20	-.100	-.014	.113	-.009	.128	-.074	-.036

Notes. ^a Subject-specific science anxiety refers to the measure across the entire sample; GS = general science anxiety; SS = subject-specific science anxiety. Correlation columns for 8-12 are not displayed because 9-12 are mutually exclusive and they form 8. P-values adjusted with the Holm's method. *p < .05, **p < .01, *** p < .001.

Table S2.

Gender differences in test and anxiety related variables (only secondary school Estonian test language sample)

DV	Group	N	M	SD	t	df	p	d
1. Test score	<i>Male</i>	510	36.098	9.764	1.145	1027.851	.252	0.068
	<i>Female</i>	665	35.469	8.725				
2. Test duration	<i>Male</i>	510	102.698	23.584	-4.885	1069.985	< .001	0.289
	<i>Female</i>	665	109.352	22.556				
3. Test importance	<i>Male</i>	510	9.227	2.571	-0.727	1088.745	.468	0.043
	<i>Female</i>	665	9.337	2.54				
4. Test effort	<i>Male</i>	510	13.859	3.514	0.939	1084.266	.348	0.055
	<i>Female</i>	665	13.666	3.445				
5. Test difficulty	<i>Male</i>	510	3.518	0.782	-3.439	1047.326	.001	0.205
	<i>Female</i>	665	3.671	0.721				
6. Test appeal	<i>Male</i>	510	3.273	1.01	0.136	1059.108	.892	0.008
	<i>Female</i>	665	3.265	0.949				
7. GS anxiety	<i>Male</i>	510	7.031	2.657	-2.266	1092.694	.024	0.133
	<i>Female</i>	665	7.385	2.644				
8. SS anxiety	<i>Male</i>	510	12.522	3.886	-11.089	1047.047	< .001	0.66
	<i>Female</i>	665	14.973	3.579				
9. Physics anxiety	<i>Male</i>	146	12.027	3.646	-8.466	261.104	< .001	0.909
	<i>Female</i>	271	15.048	3.133				
10. Chemistry anxiety	<i>Male</i>	231	13.671	3.867	-6.579	468.084	< .001	0.594
	<i>Female</i>	270	15.852	3.492				
11. Geography anxiety	<i>Male</i>	38	10.211	3.37	-3.715	87.639	< .001	0.763
	<i>Female</i>	53	13.151	4.167				
12. Biology anxiety	<i>Male</i>	95	11.411	3.628	-2.274	150.962	.024	0.357
	<i>Female</i>	71	12.704	3.627				

Notes. DV = dependent variable; GS = general science anxiety; SS = subject-specific science anxiety. Statistically significant differences ($p < .05$) are in **bold**.

Table 3S.

Correlation differences in links between test performance and other performance-related factors across different groups (only secondary school Estonian test language sample).

DV	Group	N	r	p (rho)	Z	p (diff)
1. Test duration	<i>Male</i>	510	.402	< .001	0.334	.738
	<i>Female</i>	665	.378	< .001		
2. Test importance	<i>Male</i>	510	.253	< .001	-0.349	.727
	<i>Female</i>	665	.280	< .001		
3. Test effort	<i>Male</i>	510	.369	< .001	1.096	.273
	<i>Female</i>	665	.288	< .001		
4. Test difficulty	<i>Male</i>	510	-.058	.188	0.964	.335
	<i>Female</i>	665	-.138	< .001		
5. Test appeal	<i>Male</i>	510	.220	< .001	-0.402	.688
	<i>Female</i>	665	.252	< .001		
6. GS anxiety	<i>Male</i>	510	.009	.844	-0.64	.522
	<i>Female</i>	665	.062	.110		
7. SS anxiety	<i>Male</i>	510	-.132	.003	-0.099	.921
	<i>Female</i>	665	-.124	.001		
8. Physics anxiety	<i>Male</i>	146	-.181	.028	-0.335	.738
	<i>Female</i>	271	-.134	.028		
9. Chemistry anxiety	<i>Male</i>	231	-.129	.051	0.863	.388
	<i>Female</i>	270	-.235	< .001		
10. Geography anxiety	<i>Male</i>	38	.305	.062	1.234	.217
	<i>Female</i>	53	-.069	.621		
11. Biology anxiety	<i>Male</i>	95	-.122	.239	-0.726	.468
	<i>Female</i>	71	.042	.730		

Notes. DV = dependent variable; GS = general science anxiety; SS = subject-specific science anxiety. Statistically significant correlations and correlation differences ($p < .05$) are in **bold**.