

Supplementary Material

Preliminary Analysis

Analysis of interaction terms between the combinations of academic fields and gender as well as academic fields and university entrance qualification grade demonstrate that the cell size is below the criterion of 30 persons for at least one group in our data and consequently the analyses of these combinations hit not the assumptions for analysis of variance.

Table 1

Analysis of variance on subject interest, perceived lecturers support and perceived instructional quality ($N = 823$)

	<i>df</i>	<i>F</i>	<i>p</i>	<i>f</i>
<i>Model 1: Subject interest (T1; depend variable)</i>				
Academic field	2	8.881	< .001	.15
Social background	1	.010	.921	.00
Academic field X Social background	2	1.028	.358	.05
Errors	817			
<i>Model 2: Subject interest (T2; depend variable)</i>				
Academic field	2	10.433	< .001	.16
Social background	1	.034	.854	.00
Academic field X Social background	2	.623	.537	.04
Errors	817			

Model 3: Subject interest (T1; depend variable)

	<i>df</i>	<i>F</i>	<i>p</i>	<i>f</i>
University entrance qualification grade	1	0.282	.596	.00
Social background	1	1.161	.282	.03
Gender	1	0.839	.360	.03
Gender X Social background	1	2.887	.090	.06
Gender X University entrance qualification grade	1	0.983	.322	.03
Social background X University entrance qualification grade	1	1.201	.274	.03
Gender X Social background X University entrance qualification grade	1	0.039	.843	.00
Errors	815			

Model 4: Subject interest (T2; depend variable)

University entrance qualification grade	1	0.063	.802	.00
Social background	1	1.528	.217	.04
Gender	1	1.553	.213	.04
Gender X Social background	1	0.282	.596	.00
Gender X University entrance qualification grade	1	1.087	.298	.03
Social background X University entrance qualification grade	1	2.382	.123	.05
Gender X Social background X University entrance qualification grade	1	0.017	.895	.00
Errors	815			

Model 5: Perceived lecturers support (depend variable)

Academic field	2	1.748	.175	.06
Social background	1	0.018	.895	.00
Academic field X Social background	2	0.322	.725	.03
Errors	817			

Model 6: Perceived lecturers support (depend variable)

	<i>df</i>	<i>F</i>	<i>p</i>	<i>f</i>
University entrance qualification grade	1	0.002	.966	.00
Social background	1	0.341	.559	.00
Gender	1	0.230	.632	.00
Gender X Social background	1	2.870	.091	.06
Gender X University entrance qualification grade	1	3.664	.056	.06
Social background X University entrance qualification grade	1	0.494	.482	.03
Gender X Social background X University entrance qualification grade	1	0.780	.377	.03
Errors	815			
<i>Model 7: Perceived instructional quality (depend variable)</i>				
Academic field	2	6.285	.002	.12
Social background	1	0.008	.928	.00
Academic field X Social background	2	0.293	.746	.03
Errors	817			
<i>Model 8: Perceived instructional quality (depend variable)</i>				
University entrance qualification grade	1	1.282	.258	.04
Social background	1	0.001	.982	.00
Gender	1	0.411	.522	.03
Gender X Social background	1	0.860	.354	.03
Gender X University entrance qualification grade	1	2.673	.102	.05
Social background X University entrance qualification grade	1	1.990	.159	.04
Gender X Social background X University entrance qualification grade	1	3.921	.048	.07
Errors	815			

Note. *f* = Cohen's *f* (effect). University entrance qualification grade are binary coded using a median-split.

Table 2Analysis of variance with repeated measures on subject interest ($N = 823$)

		<i>df</i>	<i>F</i>	<i>p</i>	<i>f</i>
<i>Model 1:</i>					
Within					
	Time	1	8.975	.003	.11
	Time X Academic field	2	1.811	.164	.06
	Time X Social background	1	0.136	.713	.00
	Time X Academic field X Social background	2	1.539	.215	.06
	Errors	817			
Between					
	Academic field	2	11.079	< .001	.16
	Social background	1	0.002	.961	.00
	Academic field X Social background	2	0.690	.502	.04
	Errors	817			
<i>Model 2:</i>					
Within					
	Time	1	13.580	< .001	.13
	Time X Gender	1	0.232	.630	.00
	Time X Social background	1	0.069	.792	.00
	Time X University entrance qualification grade	1	1.018	.313	.03
	Time X Gender X Social background	1	2.139	.144	.05
	Time X Social background X University entrance qualification grade	1	0.418	.518	.03

	<i>df</i>	<i>F</i>	<i>p</i>	<i>f</i>
Time X Gender X University entrance qualification grade	1	0.014	.907	.00
Time X Gender X Social background X University entrance qualification	1	0.006	.938	.00
Errors	815			
Between				
Gender	1	1.380	.241	.04
Social background	1	1.575	.210	.04
University entrance qualification grade	1	0.021	.886	.00
Gender X Social background	1	1.430	.232	.04
Social background X University entrance qualification grade	1	2.057	.152	.05
Gender X University entrance qualification grade	1	1.215	.271	.03
Gender X Social background X University entrance qualification grade	1	0.032	.859	.00
Errors	815			

Note. *f* = Cohen's *f* (effect). University entrance qualification grade are binary coded using a median-split.