

## The Digital Divide in Education. Inequality in Digital Readiness of Students and Schools.

### Supplementary tables

**Table A1: Study I – Students' ICT use, by country and group (corresponding to Figure 1)**

	SES quartile		Migration background		Gender		Constant	
	b	se	b	se	b	se	constant	se
Chile	0.034	(0.020)	0.198	(0.074)	0.077	(0.033)	0.031	(0.056)
Denmark	0.040	(0.014)	-0.044	(0.056)	0.076	(0.028)	1.349	(0.049)
Finland	0.146	(0.017)	0.158	(0.098)	0.079	(0.029)	-0.736	(0.049)
France	0.022	(0.015)	0.132	(0.051)	0.124	(0.030)	-0.151	(0.050)
Germany	0.060	(0.015)	0.175	(0.038)	0.036	(0.028)	-0.545	(0.048)
Italy	0.084	(0.015)	0.130	(0.061)	-0.032	(0.033)	-0.516	(0.048)
Korea	0.124	(0.016)	-0.066	(0.174)	0.334	(0.041)	-0.886	(0.056)

Note: Multivariate linear regression models per country, standard errors in parentheses. Data: ICILS 2018, own calculations.

**Table A2: Study I – Students' ICT skills, by country and group (corresponding to Figure 2)**

	SES quartile		Migration background		Gender		Constant	
	b	se	b	se	b	se	constant	se
Chile	0.434	(0.023)	-0.070	(0.086)	0.153	(0.035)	-1.455	(0.073)
Denmark	0.162	(0.015)	-0.259	(0.064)	0.173	(0.029)	0.067	(0.054)
Finland	0.207	(0.018)	-0.536	(0.147)	0.319	(0.036)	-0.407	(0.066)
France	0.276	(0.017)	-0.280	(0.058)	0.269	(0.032)	-0.896	(0.061)
Germany	0.241	(0.018)	-0.283	(0.044)	0.117	(0.031)	-0.407	(0.064)
Italy	0.242	(0.020)	-0.058	(0.067)	0.184	(0.033)	-1.252	(0.069)
Korea	0.181	(0.020)	-0.175	(0.315)	0.438	(0.050)	-0.294	(0.064)

Note: Multivariate linear regression models per country, standard errors in parentheses. Data: ICILS 2018, own calculations.

**Table A3: Study I – Students' school ICT infrastructure, by country and group (corresponding to Figure 3)**

	SES quartile		Migration background		Gender		Constant	
	b	se	b	se	b	se	constant	se
Chile	0.197	(0.042)	0.032	(0.197)	0.009	(0.039)	-0.932	(0.113)
Denmark	-0.037	(0.032)	-0.086	(0.122)	0.054	(0.035)	0.413	(0.112)
Finland	-0.000	(0.015)	0.160	(0.083)	0.034	(0.025)	0.679	(0.048)
France	-0.023	(0.032)	-0.111	(0.141)	-0.030	(0.026)	-0.124	(0.118)
Germany	0.048	(0.037)	-0.025	(0.066)	0.021	(0.031)	-0.502	(0.117)
Italy	-0.004	(0.036)	0.024	(0.075)	0.023	(0.032)	0.091	(0.117)
Korea	-0.007	(0.016)	0.283	(0.176)	0.022	(0.048)	0.310	(0.059)

Note: Multivariate linear regression models per country, standard errors in parentheses. Data: ICILS 2018, own calculations.

**Table A4: Study I – Students' school ICT competencies, by country and group (corresponding to Figure 4)**

	SES quartile		Migration background		Gender		Constant	
	b	se	b	se	b	se	constant	se
Chile	-0.006	(0.055)	-0.160	(0.241)	-0.041	(0.052)	0.466	(0.153)
Denmark	0.014	(0.028)	-0.047	(0.087)	0.051	(0.026)	0.047	(0.089)
Finland	0.006	(0.023)	0.329	(0.095)	-0.007	(0.029)	0.273	(0.074)
France	-0.029	(0.037)	0.014	(0.105)	0.000	(0.021)	-0.504	(0.109)
Germany	-0.003	(0.037)	-0.023	(0.066)	-0.047	(0.032)	-0.524	(0.115)
Italy	-0.040	(0.032)	-0.100	(0.078)	0.031	(0.023)	0.173	(0.107)
Korea	-0.015	(0.027)	0.042	(0.219)	-0.057	(0.086)	0.540	(0.106)

Note: Multivariate linear regression models per country, standard errors in parentheses. Data: ICILS 2018, own calculations.

**Table A5: Study I – Students' combined digital readiness, by country and group (corresponding to Figure 5)**

	SES quartile		Migration background		Gender		Constant	
	b	se	b	se	b	se	constant	se
Chile	0.282	(0.038)	0.000	(0.158)	0.084	(0.042)	-0.853	(0.103)
Denmark	0.076	(0.026)	-0.186	(0.096)	0.151	(0.032)	0.754	(0.089)
Finland	0.153	(0.021)	0.047	(0.111)	0.181	(0.031)	-0.128	(0.065)
France	0.105	(0.028)	-0.105	(0.100)	0.155	(0.024)	-0.761	(0.090)
Germany	0.148	(0.031)	-0.067	(0.052)	0.054	(0.030)	-0.891	(0.097)
Italy	0.120	(0.028)	-0.001	(0.063)	0.088	(0.033)	-0.688	(0.092)
Korea	0.121	(0.018)	0.036	(0.128)	0.315	(0.054)	-0.187	(0.067)

Note: Multivariate linear regression models per country, standard errors in parentheses. Data: ICILS 2018, own calculations.

**Table A6: ICT in teacher education, by country and school composition (corresponding to Figures 6 & 10)**

	Proportion low-SES students		Proportion migrant-background students		Constant		Control variables	Variance components		
	b	se	b	se	constant	se		Within-school variance	Between-school variance	Between-school variance without student composition
Buenos Aires	-0.018	(0.036)	0.081	(0.039)	0.054	(0.091)	Yes	1.031	0.020	0.025
UA Emirates	0.050	(0.011)	-0.022	(0.007)	0.865	(0.035)	Yes	0.501	0.013	0.015
Australia	0.010	(0.016)	-0.003	(0.018)	0.623	(0.059)	Yes	0.701	0.004	0.004
Austria	0.012	(0.022)	-0.024	(0.021)	0.069	(0.056)	Yes	0.769	0.010	0.010
Belgium	-0.041	(0.023)	0.008	(0.021)	0.636	(0.055)	Yes	0.659	0.037	0.037
Bulgaria	0.023	(0.023)	0.024	(0.076)	0.269	(0.080)	Yes	1.145	0.022	0.022
Brazil	-0.011	(0.018)	-0.025	(0.044)	0.303	(0.072)	Yes	0.751	0.023	0.023
Alberta/Canada	-0.027	(0.042)	0.019	(0.037)	0.640	(0.122)	Yes	0.761	0.040	0.041
Chile	-0.006	(0.015)	0.026	(0.033)	0.841	(0.070)	Yes	0.688	0.016	0.017
Colombia	-0.023	(0.023)	-0.036	(0.048)	0.615	(0.092)	Yes	0.718	0.036	0.037
Shanghai/China	-0.003	(0.020)	0.062	(0.041)	0.282	(0.054)	Yes	0.667	0.017	0.018
Cyprus	0.048	(0.038)	-0.048	(0.042)	-0.140	(0.127)	Yes	0.911	0.030	0.033
Czech Rep	0.017	(0.025)	-0.007	(0.035)	0.518	(0.080)	Yes	0.818	0.005	0.006
Denmark	0.065	(0.035)	-0.044	(0.034)	0.168	(0.086)	Yes	0.780	0.000	0.000
England	-0.007	(0.022)	0.009	(0.023)	0.456	(0.072)	Yes	0.657	0.005	0.005
Estonia	0.010	(0.034)	0.106	(0.049)	0.138	(0.083)	Yes	0.783	0.058	0.061
Finland	0.014	(0.030)	-0.025	(0.033)	0.532	(0.104)	Yes	0.718	0.011	0.011
France	0.009	(0.022)	-0.006	(0.021)	0.441	(0.084)	Yes	0.710	0.013	0.013
Georgia	-0.040	(0.027)	-0.001	(0.054)	-0.211	(0.080)	Yes	0.876	0.041	0.042
Croatia	0.028	(0.029)	-0.104	(0.069)	0.343	(0.100)	Yes	0.935	0.016	0.017
Hungary	0.003	(0.016)	-0.005	(0.056)	0.293	(0.064)	Yes	0.641	0.022	0.022
Israel	0.052	(0.023)	-0.057	(0.027)	0.498	(0.081)	Yes	0.939	0.020	0.026
Italy	0.048	(0.026)	-0.068	(0.025)	0.181	(0.077)	Yes	0.824	0.013	0.016
Japan	0.059	(0.025)	0.030	(0.050)	-0.155	(0.059)	Yes	0.696	0.051	0.054
Kazakhstan	0.012	(0.023)	-0.023	(0.034)	0.482	(0.045)	Yes	0.741	0.075	0.075

Korea	-0.023	(0.032)	0.010	(0.043)	0.266	(0.076)	Yes	0.820	0.010	0.010
Lithuania	0.075	(0.022)	-0.005	(0.038)	0.287	(0.072)	Yes	0.799	0.007	0.010
Latvia	-0.001	(0.041)	0.107	(0.055)	0.287	(0.099)	Yes	0.846	0.046	0.049
Mexico	-0.028	(0.013)	-0.054	(0.027)	0.786	(0.054)	Yes	0.586	0.005	0.008
Malta	-0.033	(0.047)	0.063	(0.039)	0.516	(0.088)	Yes	0.724	0.002	0.003
Netherlands	0.074	(0.037)	-0.075	(0.040)	0.139	(0.085)	Yes	0.767	0.000	0.000
Norway	-0.037	(0.033)	0.044	(0.027)	0.114	(0.060)	Yes	0.773	0.009	0.011
New Zealand	0.038	(0.024)	0.007	(0.030)	0.329	(0.086)	Yes	0.778	0.018	0.019
Portugal	-0.015	(0.018)	0.034	(0.034)	0.504	(0.115)	Yes	0.826	0.003	0.003
Romania	-0.002	(0.019)	-0.007	(0.063)	0.560	(0.063)	Yes	0.800	0.034	0.034
Russia	0.003	(0.028)	0.006	(0.029)	0.404	(0.052)	Yes	0.634	0.036	0.036
Saudi Arabia	-0.048	(0.026)	0.019	(0.032)	0.319	(0.083)	Yes	0.872	0.028	0.030
Singapore	-0.045	(0.016)	-0.008	(0.015)	0.679	(0.046)	Yes	0.383	0.005	0.006
Slovakia	0.038	(0.026)	-0.034	(0.041)	0.761	(0.147)	Yes	0.911	0.008	0.009
Slovenia	0.023	(0.044)	-0.076	(0.055)	0.388	(0.094)	Yes	0.680	0.047	0.048
Sweden	0.013	(0.030)	0.012	(0.029)	-0.151	(0.080)	Yes	0.802	0.015	0.016
Turkey	-0.028	(0.018)	0.003	(0.022)	0.644	(0.056)	Yes	0.675	0.016	0.016
Taiwan	-0.008	(0.021)	-0.000	(0.028)	0.192	(0.071)	Yes	0.665	0.007	0.007
Vietnam	0.026	(0.014)	-0.018	(0.027)	0.668	(0.037)	Yes	0.208	0.009	0.010
South Africa	-0.073	(0.026)	-0.029	(0.045)	0.547	(0.104)	Yes	0.944	0.061	0.071

Note: Multi-level, multivariate linear regression models per country, standard errors in parentheses. Data: TALIS 2018, own calculations.

Control variables include teaching experience in years, teaching experience squared, whether a teacher is a STEM-teacher (mathematics, science or technology), whether the teacher has a Master degree, and the teacher's gender; results for these variables are available upon request.

**Table A7: ICT during teacher professionalization, by country and school composition (corresponding to Figures 7 & 11)**

	Proportion low-SES students		Proportion migrant-background students		Constant		Control variables	Variance components		
	b	se	b	se	constant	se		Within-school variance	Between-school variance	Between-school variance without student composition
Buenos Aires	0.006	(0.017)	0.021	(0.019)	0.432	(0.045)	Yes	0.227	0.003	0.004
UA Emirates	0.003	(0.007)	-0.001	(0.005)	0.825	(0.019)	Yes	0.112	0.010	0.010
Australia	-0.025	(0.014)	0.032	(0.015)	0.625	(0.042)	Yes	0.206	0.023	0.024
Austria	0.017	(0.017)	-0.003	(0.016)	0.359	(0.036)	Yes	0.224	0.019	0.019
Belgium	-0.030	(0.015)	0.009	(0.014)	0.430	(0.035)	Yes	0.217	0.020	0.020
Bulgaria	-0.032	(0.012)	0.002	(0.040)	0.677	(0.038)	Yes	0.215	0.011	0.012
Brazil	-0.023	(0.012)	0.009	(0.031)	0.565	(0.045)	Yes	0.226	0.018	0.020
Alberta/Canada	0.015	(0.027)	0.034	(0.023)	0.464	(0.072)	Yes	0.210	0.026	0.027
Chile	0.009	(0.010)	-0.010	(0.021)	0.500	(0.046)	Yes	0.233	0.009	0.009
Colombia	0.004	(0.011)	-0.004	(0.024)	0.736	(0.045)	Yes	0.151	0.010	0.010
Shanghai/China	0.007	(0.010)	0.025	(0.020)	0.654	(0.027)	Yes	0.171	0.004	0.004
Cyprus	0.007	(0.022)	-0.012	(0.024)	0.509	(0.068)	Yes	0.228	0.013	0.013
Czech Rep	-0.011	(0.018)	-0.055	(0.025)	0.469	(0.046)	Yes	0.224	0.015	0.016
Denmark	-0.005	(0.028)	-0.021	(0.027)	0.499	(0.056)	Yes	0.230	0.017	0.017
England	-0.064	(0.018)	0.021	(0.019)	0.643	(0.050)	Yes	0.217	0.017	0.020
Estonia	-0.018	(0.016)	0.024	(0.023)	0.578	(0.038)	Yes	0.176	0.013	0.014
Finland	0.020	(0.019)	0.009	(0.021)	0.514	(0.050)	Yes	0.180	0.011	0.011
France	0.024	(0.017)	-0.025	(0.016)	0.572	(0.056)	Yes	0.232	0.014	0.015
Georgia	0.011	(0.014)	-0.008	(0.029)	0.447	(0.040)	Yes	0.201	0.013	0.013
Croatia	-0.002	(0.016)	-0.048	(0.039)	0.666	(0.046)	Yes	0.170	0.012	0.012
Hungary	0.006	(0.009)	0.013	(0.031)	0.539	(0.036)	Yes	0.201	0.006	0.006
Israel	0.039	(0.013)	0.001	(0.015)	0.507	(0.042)	Yes	0.193	0.012	0.013
Italy	0.020	(0.014)	-0.048	(0.014)	0.632	(0.042)	Yes	0.208	0.006	0.008
Japan	0.026	(0.016)	-0.044	(0.032)	0.595	(0.037)	Yes	0.222	0.023	0.024
Kazakhstan	0.007	(0.006)	-0.004	(0.009)	0.773	(0.014)	Yes	0.099	0.003	0.003

Korea	0.058	(0.018)	-0.025	(0.025)	0.566	(0.042)	Yes	0.229	0.005	0.006
Lithuania	0.002	(0.014)	-0.021	(0.024)	0.559	(0.039)	Yes	0.200	0.009	0.009
Latvia	0.015	(0.016)	-0.002	(0.022)	0.575	(0.041)	Yes	0.167	0.005	0.005
Mexico	-0.017	(0.009)	-0.005	(0.018)	0.650	(0.034)	Yes	0.227	0.002	0.003
Malta	-0.030	(0.048)	-0.055	(0.040)	0.643	(0.072)	Yes	0.220	0.024	0.026
Netherlands	0.025	(0.035)	-0.029	(0.037)	0.516	(0.063)	Yes	0.212	0.027	0.027
Norway	0.072	(0.032)	-0.021	(0.026)	0.548	(0.045)	Yes	0.207	0.033	0.034
New Zealand	-0.004	(0.014)	0.014	(0.018)	0.695	(0.048)	Yes	0.187	0.013	0.013
Portugal	0.003	(0.014)	0.018	(0.026)	0.411	(0.072)	Yes	0.231	0.015	0.015
Romania	-0.005	(0.010)	-0.053	(0.033)	0.431	(0.036)	Yes	0.237	0.007	0.008
Russia	0.007	(0.013)	-0.022	(0.013)	0.624	(0.026)	Yes	0.173	0.005	0.005
Saudi Arabia	0.000	(0.011)	-0.027	(0.014)	0.663	(0.036)	Yes	0.166	0.003	0.003
Singapore	0.002	(0.015)	0.024	(0.014)	0.655	(0.038)	Yes	0.176	0.012	0.012
Slovakia	0.001	(0.018)	0.042	(0.028)	0.527	(0.076)	Yes	0.223	0.015	0.016
Slovenia	-0.013	(0.025)	0.017	(0.031)	0.700	(0.054)	Yes	0.217	0.015	0.015
Sweden	-0.054	(0.024)	0.043	(0.023)	0.623	(0.052)	Yes	0.190	0.028	0.030
Turkey	-0.015	(0.011)	-0.016	(0.014)	0.716	(0.035)	Yes	0.228	0.008	0.009
Taiwan	0.014	(0.014)	-0.018	(0.019)	0.517	(0.045)	Yes	0.229	0.009	0.009
Vietnam	0.019	(0.009)	-0.025	(0.017)	0.830	(0.021)	Yes	0.061	0.005	0.005
South Africa	-0.020	(0.014)	0.035	(0.024)	0.607	(0.054)	Yes	0.226	0.020	0.021

Note: Multi-level, multivariate linear probability models per country, standard errors in parentheses. Data: TALIS 2018, own calculations.

Control variables include teaching experience in years, teaching experience squared, whether a teacher is a STEM-teacher (mathematics, science or technology), whether the teacher has a Master degree, and the teacher's gender; results for these variables are available upon request.

**Table A8: ICT for classwork, by country and school composition (corresponding to Figures 8 & 12)**

	Proportion low-SES students		Proportion migrant-background students		Constant		Control variables	Variance components		
	b	se	b	se	constant	se		Within-school variance	Between-school variance	Between-school variance without student composition
Buenos Aires	-0.027	(0.032)	-0.002	(0.035)	0.117	(0.088)	Yes	0.985	0.001	0.001
UA Emirates	-0.068	(0.018)	0.025	(0.012)	0.480	(0.054)	Yes	0.765	0.057	0.062
Australia	-0.149	(0.028)	0.043	(0.030)	0.575	(0.084)	Yes	0.653	0.095	0.116
Austria	0.031	(0.027)	-0.056	(0.025)	-0.454	(0.066)	Yes	0.783	0.028	0.029
Belgium	-0.005	(0.033)	-0.033	(0.030)	-0.539	(0.073)	Yes	0.787	0.099	0.100
Bulgaria	-0.032	(0.020)	0.067	(0.065)	-0.360	(0.069)	Yes	0.859	0.014	0.014
Brazil	-0.044	(0.025)	0.056	(0.062)	-0.334	(0.094)	Yes	0.936	0.074	0.077
Alberta/Canada	0.039	(0.047)	-0.038	(0.041)	0.536	(0.142)	Yes	0.898	0.025	0.028
Chile	0.014	(0.023)	0.024	(0.053)	0.141	(0.100)	Yes	0.927	0.060	0.061
Colombia	-0.045	(0.023)	-0.030	(0.048)	0.472	(0.097)	Yes	0.841	0.028	0.032
Shanghai/China	0.003	(0.023)	0.076	(0.044)	-0.667	(0.063)	Yes	0.805	0.012	0.013
Cyprus	-0.021	(0.036)	-0.001	(0.040)	-0.173	(0.136)	Yes	1.118	0.002	0.001
Czech Rep	0.024	(0.028)	-0.076	(0.038)	-0.386	(0.083)	Yes	0.769	0.011	0.013
Denmark	0.031	(0.042)	-0.042	(0.040)	0.672	(0.084)	Yes	0.521	0.034	0.034
England	-0.119	(0.035)	-0.038	(0.038)	-0.229	(0.105)	Yes	0.903	0.052	0.068
Estonia	-0.024	(0.026)	0.087	(0.037)	-0.223	(0.073)	Yes	0.746	0.007	0.010
Finland	0.003	(0.041)	0.066	(0.046)	-0.274	(0.104)	Yes	0.664	0.058	0.060
France	-0.026	(0.024)	-0.011	(0.024)	-0.392	(0.093)	Yes	0.829	0.013	0.014
Georgia	-0.043	(0.028)	0.017	(0.057)	-0.238	(0.084)	Yes	0.629	0.045	0.046
Croatia	-0.004	(0.028)	0.008	(0.068)	-0.374	(0.104)	Yes	0.940	0.006	0.006
Hungary	-0.025	(0.022)	-0.031	(0.072)	-0.314	(0.080)	Yes	0.821	0.042	0.042
Israel	0.022	(0.031)	-0.030	(0.037)	-0.213	(0.103)	Yes	1.070	0.059	0.059
Italy	0.051	(0.029)	-0.137	(0.029)	-0.267	(0.084)	Yes	0.689	0.028	0.038
Japan	0.011	(0.031)	-0.024	(0.061)	-0.726	(0.070)	Yes	0.789	0.082	0.082
Kazakhstan	-0.015	(0.019)	-0.052	(0.029)	0.059	(0.044)	Yes	0.817	0.034	0.035



Korea	0.050	(0.036)	0.014	(0.049)	-0.444	(0.083)	Yes	0.803	0.022	0.023
Lithuania	-0.032	(0.024)	-0.032	(0.041)	0.235	(0.076)	Yes	0.798	0.014	0.014
Latvia	-0.014	(0.033)	0.077	(0.045)	-0.233	(0.085)	Yes	0.624	0.023	0.024
Mexico	-0.035	(0.019)	-0.044	(0.040)	0.431	(0.071)	Yes	0.869	0.035	0.037
Malta	-0.094	(0.067)	-0.005	(0.053)	0.306	(0.124)	Yes	1.075	0.000	0.000
Netherlands	0.050	(0.083)	0.116	(0.087)	-0.430	(0.147)	Yes	0.835	0.142	0.150
New Zealand	-0.054	(0.030)	0.014	(0.038)	0.572	(0.098)	Yes	0.646	0.065	0.068
Portugal	-0.010	(0.021)	-0.010	(0.039)	0.237	(0.121)	Yes	0.760	0.019	0.019
Romania	-0.034	(0.020)	-0.048	(0.066)	-0.072	(0.070)	Yes	0.847	0.027	0.028
Russia	-0.041	(0.032)	-0.017	(0.033)	0.131	(0.064)	Yes	0.833	0.042	0.043
Saudi Arabia	-0.038	(0.037)	-0.054	(0.048)	-0.391	(0.117)	Yes	1.265	0.057	0.062
Singapore	-0.107	(0.025)	0.046	(0.024)	-0.162	(0.068)	Yes	0.685	0.025	0.033
Slovakia	-0.001	(0.029)	0.012	(0.044)	-0.512	(0.145)	Yes	0.749	0.022	0.022
Slovenia	-0.003	(0.035)	0.003	(0.043)	-0.357	(0.088)	Yes	0.636	0.013	0.013
Sweden	-0.038	(0.059)	0.075	(0.056)	-0.002	(0.122)	Yes	0.734	0.181	0.184
Turkey	-0.020	(0.021)	-0.015	(0.026)	0.202	(0.068)	Yes	0.829	0.020	0.020
Taiwan	-0.004	(0.025)	-0.001	(0.033)	-0.732	(0.078)	Yes	0.664	0.022	0.022
Vietnam	-0.086	(0.041)	0.075	(0.075)	0.002	(0.094)	Yes	0.560	0.092	0.094
South Africa	-0.064	(0.029)	0.092	(0.049)	-0.113	(0.115)	Yes	1.010	0.067	0.078

Note: Multi-level, multivariate linear regression models per country, standard errors in parentheses. Data: TALIS 2018, own calculations.

Control variables include teaching experience in years, teaching experience squared, whether a teacher is a STEM-teacher (mathematics, science or technology), whether the teacher has a Master degree, and the teacher's gender; results for these variables are available upon request.

**Table A9: ICT for student support, by country and school composition (corresponding to Figures 9 & 13)**

	Proportion low-SES students		Proportion migrant-background students		Constant		Control variables	Variance components		
	b	se	b	se	constant	se		Within-school variance	Between-school variance	Between-school variance without student composition
Buenos Aires	-0.042	(0.035)	-0.015	(0.038)	-0.067	(0.089)	Yes	1.022	0.017	0.020
UA Emirates	-0.026	(0.014)	0.006	(0.009)	0.512	(0.042)	Yes	0.674	0.032	0.032
Australia	-0.083	(0.021)	0.067	(0.023)	0.156	(0.071)	Yes	0.757	0.033	0.041
Austria	0.044	(0.035)	-0.099	(0.033)	-0.072	(0.074)	Yes	0.939	0.084	0.090
Belgium	-0.094	(0.046)	-0.003	(0.043)	-0.165	(0.092)	Yes	0.993	0.254	0.261
Bulgaria	-0.002	(0.022)	0.079	(0.074)	-0.159	(0.074)	Yes	0.968	0.025	0.026
Brazil	-0.063	(0.022)	-0.047	(0.055)	0.063	(0.083)	Yes	0.895	0.054	0.061
Alberta/Canada	0.032	(0.039)	0.041	(0.034)	0.019	(0.120)	Yes	0.758	0.016	0.017
Chile	0.010	(0.018)	-0.009	(0.039)	0.197	(0.080)	Yes	0.848	0.028	0.028
Colombia	-0.027	(0.025)	-0.075	(0.054)	0.341	(0.103)	Yes	0.885	0.048	0.052
Shanghai/China	-0.018	(0.021)	0.085	(0.042)	-0.046	(0.058)	Yes	0.821	0.014	0.015
Cyprus	0.005	(0.032)	0.027	(0.036)	-0.224	(0.123)	Yes	0.998	0.004	0.004
Czech Rep	0.070	(0.032)	-0.022	(0.045)	-0.154	(0.087)	Yes	0.900	0.035	0.037
Denmark	-0.007	(0.033)	-0.031	(0.032)	0.276	(0.076)	Yes	0.589	0.007	0.007
England	-0.034	(0.034)	0.061	(0.036)	-0.173	(0.100)	Yes	0.965	0.052	0.055
Estonia	-0.005	(0.026)	0.093	(0.038)	-0.466	(0.071)	Yes	0.769	0.015	0.017
Finland	-0.012	(0.044)	0.104	(0.048)	-0.472	(0.103)	Yes	0.769	0.071	0.074
France	0.001	(0.027)	-0.033	(0.026)	-0.601	(0.101)	Yes	1.031	0.022	0.023
Georgia	-0.007	(0.032)	0.002	(0.066)	-0.329	(0.086)	Yes	0.924	0.083	0.083
Croatia	0.031	(0.029)	0.034	(0.070)	-0.250	(0.101)	Yes	0.968	0.016	0.016
Hungary	0.018	(0.024)	-0.047	(0.084)	0.004	(0.079)	Yes	0.823	0.082	0.083
Israel	0.053	(0.028)	-0.034	(0.033)	-0.398	(0.094)	Yes	1.091	0.043	0.047
Italy	0.028	(0.025)	-0.087	(0.025)	0.178	(0.073)	Yes	0.696	0.019	0.023
Japan	0.072	(0.032)	-0.039	(0.063)	-0.708	(0.072)	Yes	1.009	0.084	0.088
Kazakhstan	0.030	(0.019)	-0.062	(0.029)	0.070	(0.040)	Yes	0.703	0.042	0.044

Korea	0.004	(0.032)	0.046	(0.043)	-0.021	(0.075)	Yes	0.748	0.012	0.012
Lithuania	-0.027	(0.028)	-0.031	(0.049)	0.088	(0.077)	Yes	0.728	0.043	0.044
Latvia	0.001	(0.035)	0.047	(0.047)	-0.324	(0.088)	Yes	0.753	0.024	0.025
Mexico	-0.081	(0.022)	0.017	(0.044)	0.050	(0.074)	Yes	0.910	0.064	0.071
Malta	-0.027	(0.052)	0.029	(0.044)	0.149	(0.098)	Yes	0.924	0.002	0.002
Netherlands	0.052	(0.051)	0.020	(0.054)	0.146	(0.102)	Yes	0.785	0.035	0.037
Norway	0.047	(0.049)	0.029	(0.040)	-0.039	(0.070)	Yes	0.629	0.067	0.070
New Zealand	-0.026	(0.026)	0.027	(0.034)	0.185	(0.092)	Yes	0.775	0.032	0.033
Portugal	-0.001	(0.019)	0.029	(0.035)	0.485	(0.106)	Yes	0.635	0.017	0.017
Romania	-0.027	(0.020)	-0.035	(0.068)	-0.165	(0.070)	Yes	0.994	0.034	0.035
Saudi Arabia	0.021	(0.029)	-0.056	(0.035)	-0.064	(0.091)	Yes	1.026	0.039	0.041
Singapore	-0.092	(0.026)	0.077	(0.025)	-0.140	(0.071)	Yes	0.786	0.027	0.036
Slovakia	0.019	(0.031)	0.012	(0.049)	-0.342	(0.136)	Yes	0.778	0.041	0.041
Slovenia	0.025	(0.036)	-0.051	(0.044)	-0.603	(0.097)	Yes	0.882	0.005	0.006
Sweden	-0.012	(0.045)	0.051	(0.043)	-0.323	(0.100)	Yes	0.811	0.089	0.091
Turkey	-0.020	(0.028)	-0.040	(0.035)	0.298	(0.076)	Yes	0.806	0.092	0.095
Taiwan	0.008	(0.032)	-0.025	(0.043)	-0.231	(0.093)	Yes	0.881	0.058	0.058
Vietnam	0.036	(0.035)	0.084	(0.070)	-0.376	(0.081)	Yes	0.811	0.096	0.098
South Africa	-0.015	(0.038)	0.154	(0.066)	-0.518	(0.145)	Yes	1.481	0.173	0.183

Note: Multi-level, multivariate linear regression models per country, standard errors in parentheses. Data: TALIS 2018, own calculations.

Control variables include teaching experience in years, teaching experience squared, whether a teacher is a STEM-teacher (mathematics, science or technology), whether the teacher has a Master degree, and the teacher's gender; results for these variables are available upon request.