

Supplementary tables with:

Van de Werfhorst, H.G. Sorting or mixing? Multi-track and single-track schools and social inequalities in a differentiated educational system. *British Educational Research Journal*.

Table S1: IV regression of finishing pre-university exam, for students with unitary pre-university recommendation

	-1	-2	-3	-4	-5	-6	-7	-8
	All students	Parent(s) without degree	Parent(s) with degree	Lowest income quintile 1	Middle income quintiles 2-4	Highest income quintile 5	Non-migrants	Non-western migrants
Single-track pre-university school	0.0919** (0.035)	0.103** (0.038)	0.0526 (0.051)	0.152~ (0.082)	0.0992* (0.048)	0.0843* (0.040)	0.0953* (0.037)	0.142 (0.088)
Female	0.117*** (0.007)	0.114*** (0.008)	0.127*** (0.013)	0.148*** (0.021)	0.124*** (0.010)	0.0970*** (0.010)	0.114*** (0.007)	0.133*** (0.023)
Standardised primary school test	0.296*** (0.009)	0.292*** (0.010)	0.307*** (0.017)	0.282*** (0.026)	0.312*** (0.011)	0.275*** (0.014)	0.305*** (0.010)	0.236*** (0.029)
Migration background								
No migration background	ref	ref	ref	ref	ref	ref		
Moroccan origin	-0.0189 (0.032)	-0.0072 (0.034)	-0.0631 (0.095)	-0.0124 (0.047)	-0.0318 (0.045)	-0.222~ (0.114)		ref
Turkish origin	-0.0241 (0.033)	-0.0134 (0.036)	-0.0693 (0.072)	-0.04 (0.062)	-0.0327 (0.044)	-0.0398 (0.104)		-0.00443 (0.047)
Caribbean origin	-0.0499* (0.022)	-0.021 (0.026)	-0.132** (0.044)	-0.106* (0.046)	-0.0229 (0.032)	-0.0908* (0.046)		-0.024 (0.041)
Other non-Western origin	0.00135 (0.015)	0.0241 (0.019)	-0.0692* (0.033)	-0.00886 (0.030)	-0.0306 (0.024)	0.0481~ (0.029)		0.0295 (0.037)
Other Western origin	-0.0064 (0.013)	0.00392 (0.015)	-0.0353 (0.025)	-0.00419 (0.031)	-0.00136 (0.019)	-0.0253 (0.022)		
Household income quintile								
Household income quintile 1 (lowest)	ref	ref	ref				ref	ref
Household income quintile 2	0.0307* (0.014)	0.0330* (0.016)	0.0294 (0.027)				0.0267 (0.016)	0.0503 (0.032)
Household income quintile 3	0.0938*** (0.014)	0.0964*** (0.015)	0.0881*** (0.026)				0.0902*** (0.015)	0.104** (0.035)
Household income quintile 4	0.135*** (0.012)	0.144*** (0.013)	0.105*** (0.026)				0.132*** (0.014)	0.163*** (0.034)
Household income quintile 5 (highest)	0.199*** (0.012)	0.212*** (0.013)	0.159*** (0.023)				0.196*** (0.014)	0.222*** (0.031)
At least one parent with university degree	0.0206** (0.007)			0.0359 (0.023)	0.0375*** (0.010)	0.00178 (0.011)	0.0287*** (0.008)	-0.0533~ (0.028)
Large city >150,000	-0.0208~ (0.012)	-0.0307* (0.013)	0.00607 (0.019)	-0.0186 (0.025)	-0.0263~ (0.016)	-0.0197 (0.016)	-0.0158 (0.013)	-0.038 (0.025)
Constant	0.0526*** (0.015)	0.0490** (0.017)	0.0879** (0.030)	0.0424 (0.030)	0.121*** (0.016)	0.295*** (0.020)	0.0418* (0.018)	0.0887~ (0.049)
First stage regression coefficient of relative distance	-0.00002*** 0.0000	-0.00002*** 0.0000	-0.00002*** 0.0000	-0.00002*** 0.0000	-0.00002*** 0.0000	-0.00002*** 0.0000	-0.00002*** 0.0000	-0.00002*** 0.0000
F test of excluded instruments (df=1)	64.11	61.63	66.23	51.65	57.84	64.04	60.72	52.95
N (individuals)	22622	17291	5331	2353	12479	7790	19090	1944
N (schools)	649	646	535	526	632	550	636	420

All students with unitary recommendation for pre-university track (vwo)

Regression coefficients and robust standard errors (clustered at the level of school)

~ p<0.10, \* p<0.05, \*\* p<0.01, \*\*\* p<0.001

Table S2: IV regression of finishing pre-university exam, for students with pre-university recommendation or mixed pre-university/intermediate recommendation

	-1	-2	-3	-4	-5	-6	-7	-8
	All students	Parent(s) without degree	Parent(s) with degree	Lowest income quintile 1	Middle income quintiles 2-4	Highest income quintile 5	Non- migrants	Non- western migrants
Single-track pre-university school	0.229*** (0.048)	0.262*** (0.055)	0.134* (0.061)	0.283** (0.095)	0.255*** (0.066)	0.207*** (0.050)	0.239*** (0.052)	0.228* (0.103)
Female	0.125*** (0.006)	0.121*** (0.006)	0.141*** (0.010)	0.121*** (0.013)	0.126*** (0.007)	0.125*** (0.009)	0.124*** (0.006)	0.122*** (0.016)
Standardised primary school test	0.321*** (0.008)	0.318*** (0.008)	0.335*** (0.014)	0.242*** (0.017)	0.331*** (0.009)	0.338*** (0.012)	0.333*** (0.008)	0.251*** (0.021)
Migration background								
No migration background	ref	ref	ref	ref	ref	ref		
Moroccan origin	-0.00325 (0.018)	0.00206 (0.019)	-0.0305 (0.090)	0.00992 (0.029)	-0.0223 (0.025)	-0.186** (0.069)		ref
Turkish origin	-0.0233 (0.017)	-0.0166 (0.019)	-0.0624 (0.054)	-0.0466 (0.029)	-0.0218 (0.024)	-0.107 (0.068)		-0.0232 (0.024)
Caribbean origin	-0.0400* (0.017)	-0.0231 (0.018)	-0.0897* (0.035)	-0.0603* (0.030)	-0.0203 (0.023)	-0.0985** (0.036)		-0.0226 (0.024)
Other non-Western origin	0.0250* (0.012)	0.0422** (0.013)	-0.0371 (0.027)	0.0315 (0.021)	-0.00623 (0.016)	0.0577* (0.026)		0.0431* (0.021)
Other Western origin	0.00771 (0.010)	0.0153 (0.012)	-0.0148 (0.020)	0.0201 (0.021)	0.0068 (0.014)	-0.0104 (0.018)		
Household income quintile								
Household income quintile 1 (lowest)	ref	ref	ref				ref	ref
Household income quintile 2	0.0212* (0.009)	0.0249* (0.010)	0.00765 (0.021)				0.0226* (0.011)	0.026 (0.020)
Household income quintile 3	0.0762*** (0.009)	0.0782*** (0.010)	0.0723*** (0.020)				0.0781*** (0.010)	0.0817*** (0.024)
Household income quintile 4	0.122*** (0.008)	0.124*** (0.009)	0.114*** (0.019)				0.125*** (0.009)	0.133*** (0.023)
Household income quintile 5 (highest)	0.181*** (0.008)	0.187*** (0.010)	0.160*** (0.018)				0.184*** (0.010)	0.179*** (0.024)
At least one parent with university degree	0.0379*** (0.006)			0.0470* (0.019)	0.0517*** (0.008)	0.0249** (0.009)	0.0442*** (0.007)	-0.0145 (0.023)
Large city >150,000	-0.0113 (0.011)	-0.0183 (0.012)	0.0115 (0.017)	-0.0161 (0.018)	-0.0146 (0.013)	-0.00901 (0.016)	-0.00561 (0.012)	-0.0296~ (0.017)
Constant	-0.0605*** (0.010)	-0.0619*** (0.010)	-0.0175 (0.020)	0.00903 (0.015)	0.0068 (0.008)	0.110*** (0.013)	-0.0776*** (0.011)	0.00813 (0.026)
First stage regression coefficient of relative distance	-0.00001*** 0.0000	-0.00001*** 0.0000	-0.00002*** 0.0000	-0.00001*** 0.0000	-0.00001*** 0.0000	-0.00002*** 0.0000	-0.00001*** 0.0000	-0.00001*** 0.0000
F test of excluded instruments (df=1)	49.64	47.38	53.63	38.75	44.71	51.55	47.24	38.82
N (individuals)	40332	31748	8584	4759	23251	12322	33826	3815
N (schools)	716	712	598	624	686	609	700	528

All students with pre-university recommendation (vwo) and students with mixed intermediate/pre-university recommendation (vwo and havo/vwo)

Regression coefficients and robust standard errors (clustered at the level of school)

~ p<0.10, \* p<0.05, \*\* p<0.01, \*\*\* p<0.001

*Table S3: OLS regression of finishing pre-university exam, for students with unitary pre-university recommendation*

	-1	-2	-3	-4	-5	-6	-7	-8
	All students	Parent(s) without degree	Parent(s) with degree	Lowest income quintile 1	Middle income quintiles 2-4	Highest income quintile 5	Non- migrants	Non- western migrants
Single-track pre-university school	0.0394** (0.014)	0.0431** (0.015)	0.0305 (0.020)	0.0572* (0.028)	0.0282~ (0.017)	0.0500** (0.017)	0.0385** (0.014)	0.0303 (0.027)
Female	0.116*** (0.007)	0.113*** (0.008)	0.127*** (0.013)	0.147*** (0.021)	0.123*** (0.010)	0.0969*** (0.010)	0.113*** (0.007)	0.134*** (0.023)
Standardised primary school test	0.302*** (0.008)	0.299*** (0.009)	0.311*** (0.015)	0.297*** (0.023)	0.320*** (0.010)	0.280*** (0.014)	0.312*** (0.008)	0.258*** (0.026)
Migration background								
No migration background	ref	ref	ref	ref	ref	ref		
Moroccan origin	-0.0179 (0.031)	-0.00553 (0.034)	-0.0642 (0.095)	-0.0114 (0.047)	-0.03 (0.045)	-0.220~ (0.113)		ref
Turkish origin	-0.0228 (0.034)	-0.0111 (0.036)	-0.0705 (0.071)	-0.0396 (0.064)	-0.031 (0.044)	-0.0367 (0.104)		-0.00456 (0.048)
Caribbean origin	-0.0488* (0.022)	-0.0211 (0.026)	-0.130** (0.044)	-0.110* (0.046)	-0.0199 (0.032)	-0.0897~ (0.046)		-0.0253 (0.041)
Other non-Western origin	0.00283 (0.015)	0.0252 (0.019)	-0.0678* (0.033)	-0.00884 (0.030)	-0.0275 (0.023)	0.0492~ (0.029)		0.0284 (0.037)
Other Western origin	-0.0022 (0.013)	0.00815 (0.015)	-0.033 (0.024)	-0.0024 (0.031)	0.00552 (0.018)	-0.0226 (0.021)		
Household income quintile								
Household income quintile 1 (lowest)	ref	ref	ref				ref	ref
Household income quintile 2	0.0298* (0.014)	0.0319* (0.016)	0.0292 (0.027)				0.0248 (0.017)	0.0506 (0.032)
Household income quintile 3	0.0935*** (0.014)	0.0959*** (0.015)	0.0881*** (0.026)				0.0888*** (0.016)	0.107** (0.035)
Household income quintile 4	0.135*** (0.012)	0.144*** (0.013)	0.105*** (0.026)				0.131*** (0.014)	0.163*** (0.034)
Household income quintile 5 (highest)	0.201*** (0.012)	0.215*** (0.013)	0.160*** (0.024)				0.198*** (0.014)	0.229*** (0.030)
At least one parent with university degree	0.0224** (0.007)			0.0408~ (0.023)	0.0405*** (0.010)	0.00244 (0.011)	0.0303*** (0.008)	-0.0449 (0.027)
Large city >150,000	-0.0181 (0.012)	-0.0278* (0.012)	0.0073 (0.018)	-0.0129 (0.023)	-0.0236 (0.015)	-0.0175 (0.016)	-0.0128 (0.013)	-0.037 (0.025)
Relative distance vwo versus vwo-plus	0.0000 (0.000)	0.0000 (0.000)	0.0000 (0.000)	0.0000 (0.000)	0.0000 (0.000)	0.0000 (0.000)	0.0000 (0.000)	0.0000 (0.000)
Constant	0.0603*** (0.017)	0.0580** (0.018)	0.0916** (0.032)	0.0535 (0.034)	0.131*** (0.017)	0.302*** (0.022)	0.0514** (0.019)	0.101* (0.051)
N (individuals)	22622	17291	5331	2353	12479	7790	19090	1944
N (schools)	649	646	535	526	632	550	636	420

All students with unitary recommendation for pre-university track (vwo)

Regression coefficients and robust standard errors (clustered at the level of school)

~ p<0.10, \* p<0.05, \*\* p<0.01, \*\*\* p<0.001

Table S4: OLS regression of finishing pre-university exam, for students with pre-university recommendation or mixed pre-university/intermediate recommendation

	-1	-2	-3	-4	-5	-6	-7	-8
	All students	Parent(s) without degree	Parent(s) with degree	Lowest income quintile 1	Middle income quintiles 2-4	Highest income quintile 5	Non- migrants	Non- western migrants
Single-track pre-university school	0.0913*** (0.013)	0.100*** (0.014)	0.0685*** (0.019)	0.118*** (0.024)	0.0884*** (0.015)	0.0887*** (0.016)	0.0925*** (0.013)	0.100*** (0.024)
Female	0.124*** (0.006)	0.120*** (0.006)	0.141*** (0.010)	0.120*** (0.013)	0.124*** (0.007)	0.125*** (0.009)	0.123*** (0.006)	0.122*** (0.016)
Standardised primary school test	0.339*** (0.005)	0.337*** (0.005)	0.346*** (0.009)	0.265*** (0.011)	0.348*** (0.006)	0.358*** (0.009)	0.350*** (0.005)	0.274*** (0.013)
Migration background								
No migration background	ref	ref	ref	ref	ref	ref		
Moroccan origin	-0.00447 (0.018)	0.00119 (0.019)	-0.0323 (0.090)	0.00861 (0.029)	-0.0215 (0.024)	-0.186** (0.068)		ref
Turkish origin	-0.0223 (0.017)	-0.0155 (0.019)	-0.0619 (0.053)	-0.0456 (0.030)	-0.021 (0.024)	-0.102 (0.068)		-0.022 (0.025)
Caribbean origin	-0.0397* (0.016)	-0.0241 (0.018)	-0.0875* (0.035)	-0.0658* (0.030)	-0.0167 (0.022)	-0.0975** (0.036)		-0.0232 (0.024)
Other non-Western origin	0.0272* (0.012)	0.0439** (0.013)	-0.0342 (0.027)	0.0328 (0.020)	-0.00233 (0.016)	0.0597* (0.026)		0.0435* (0.021)
Other Western origin	0.0152 (0.010)	0.0231* (0.011)	-0.0103 (0.020)	0.0236 (0.021)	0.0169 (0.013)	-0.00325 (0.018)		
Household income quintile								
Household income quintile 1 (lowest)	ref	ref	ref				ref	ref
Household income quintile 2	0.0199* (0.009)	0.0234* (0.010)	0.00726 (0.021)				0.0199~ (0.011)	0.0262 (0.020)
Household income quintile 3	0.0758*** (0.009)	0.0774*** (0.010)	0.0727*** (0.020)				0.0761*** (0.010)	0.0833*** (0.024)
Household income quintile 4	0.122*** (0.008)	0.124*** (0.009)	0.114*** (0.019)				0.124*** (0.009)	0.132*** (0.023)
Household income quintile 5 (highest)	0.186*** (0.008)	0.193*** (0.009)	0.161*** (0.018)				0.188*** (0.010)	0.184*** (0.023)
At least one parent with university degree	0.0418*** (0.006)			0.0541** (0.018)	0.0573*** (0.008)	0.0270** (0.009)	0.0477*** (0.006)	-0.0069 (0.022)
Large city >150,000	-0.00634 (0.009)	-0.0131 (0.010)	0.0144 (0.015)	-0.0117 (0.016)	-0.0105 (0.012)	-0.00244 (0.014)	0.000239 (0.010)	-0.0296~ (0.017)
Relative distance vwo versus vwo-plus	.00000180** (0.000)	.00000197** (0.000)	0.0000 (0.000)	.00000183~ (0.000)	.00000189** (0.000)	.00000206* (0.000)	.00000186** (0.000)	0.0000 (0.000)
Constant	-0.0512*** (0.011)	-0.0504*** (0.011)	-0.0129 (0.022)	0.0174 (0.018)	0.0185~ (0.010)	0.121*** (0.015)	-0.0653*** (0.012)	0.0123 (0.027)
N (individuals)	40332	31748	8584	4759	23251	12322	33826	3815
N (schools)	716	712	598	624	686	609	700	528

All students with pre-university recommendation (vwo) and students with mixed intermediate/pre-university recommendation (vwo and havo/vwo)

Regression coefficients and robust standard errors (clustered at the level of school)

~ p<0.10, \* p<0.05, \*\* p<0.01, \*\*\* p<0.001

*Table S5: IV regression of finishing intermediate general diploma or higher, for students with unitary pre-vocational recommendation*

	-1	-2	-3	-4	-5	-6	-7	-8
	All students	Parent(s) without degree	Parent(s) with degree	Lowest income quintile 1	Middle income quintiles 2-4	Highest income quintile 5	Non- migrants	Non- western migrants
Single-track pre-vocational school	0.0271 (0.020)	0.0276 (0.019)	0.0231 (0.070)	-0.00303 (0.020)	0.0259 (0.023)	0.0980~ (0.058)	0.0248 (0.021)	0.0268 (0.036)
Female	0.0548*** (0.003)	0.0519*** (0.003)	0.0893*** (0.011)	0.0339*** (0.004)	0.0571*** (0.004)	0.0941*** (0.010)	0.0565*** (0.003)	0.0463*** (0.005)
Standardised primary school test	0.119*** (0.004)	0.113*** (0.004)	0.189*** (0.013)	0.0916*** (0.006)	0.120*** (0.005)	0.177*** (0.011)	0.114*** (0.005)	0.132*** (0.009)
Migration background								
No migration background	ref	ref	ref	ref	ref	ref		
Moroccan origin	0.0267*** (0.006)	0.0266*** (0.006)	0.0238 (0.042)	0.0348*** (0.007)	0.0138 (0.009)	-0.00171 (0.042)		ref
Turkish origin	0.0211*** (0.005)	0.0210*** (0.005)	0.00242 (0.041)	0.0224*** (0.006)	0.0136~ (0.008)	0.00969 (0.030)		-0.00806 (0.007)
Caribbean origin	0.0115~ (0.006)	0.0136* (0.006)	-0.0189 (0.026)	0.00949 (0.006)	0.00556 (0.009)	0.0316 (0.037)		-0.0150* (0.007)
Other non-Western origin	0.0633*** (0.007)	0.0610*** (0.007)	0.0926** (0.032)	0.0572*** (0.008)	0.0657*** (0.011)	0.0798* (0.039)		0.0320*** (0.008)
Other Western origin	0.0348*** (0.006)	0.0315*** (0.006)	0.0676** (0.023)	0.0340*** (0.008)	0.0311*** (0.008)	0.0408~ (0.023)		
Household income quintile								
Household income quintile 1 (lowest)	ref	ref	ref				ref	ref
Household income quintile 2	0.0154*** (0.003)	0.0142*** (0.003)	0.0315~ (0.017)				0.0181*** (0.003)	0.0107~ (0.006)
Household income quintile 3	0.0330*** (0.003)	0.0318*** (0.004)	0.0544** (0.019)				0.0332*** (0.004)	0.0328*** (0.009)
Household income quintile 4	0.0512*** (0.004)	0.0517*** (0.004)	0.0581*** (0.017)				0.0531*** (0.004)	0.0497*** (0.011)
Household income quintile 5 (highest)	0.0803*** (0.006)	0.0760*** (0.006)	0.117*** (0.020)				0.0821*** (0.006)	0.0793*** (0.019)
At least one parent with university degree	0.0574*** (0.006)			0.0416*** (0.011)	0.0583*** (0.007)	0.0800*** (0.015)	0.0561*** (0.006)	0.0471** (0.017)
Large city >150,000	0.00848 (0.006)	0.00558 (0.006)	0.0352* (0.017)	0.00108 (0.005)	0.00867 (0.007)	0.0332~ (0.019)	0.0201* (0.008)	-0.0114~ (0.007)
Constant	0.110*** (0.006)	0.108*** (0.006)	0.182*** (0.025)	0.108*** (0.007)	0.142*** (0.007)	0.190*** (0.016)	0.102*** (0.007)	0.169*** (0.012)
First stage regression coefficient of relative distance	-0.00004*** 0.0000	-0.00004*** 0.0000	-0.00003*** 0.0000	-0.00004*** 0.0000	-0.00004*** 0.0000	-0.00003*** 0.0000	-0.00004*** 0.0000	-0.00004*** 0.0000
F test of excluded instruments (df=1)	141.96	142.48	79.46	131.39	129.5	103.59	135.24	76.1
N (individuals)	51250	47317	3933	13498	31758	5994	38206	10391
N (schools)	1023	1015	825	945	1004	866	984	853

Students with unitary pre-vocational recommendation (any vmbo level)

Regression coefficients and robust standard errors (clustered at the level of school)

~ p<0.10, \* p<0.05, \*\* p<0.01, \*\*\* p<0.001

*Table S6: IV regression of finishing intermediate general diploma or higher, for students with mixed pre-vocational/intermediate general recommendation*

	-1	-2	-3	-4	-5	-6	-7	-8
	All students	Parent(s) without degree	Parent(s) with degree	Lowest income quintile 1	Middle income quintiles 2-4	Highest income quintile 5	Non- migrants	Non- western migrants
Single-track pre-vocational school	0.237 (0.237)	0.22 (0.238)	0.366 (0.510)	0.475~ (0.283)	0.0849 (0.277)	0.55 (0.520)	0.0955 (0.282)	0.703~ (0.384)
Female	0.165*** (0.008)	0.163*** (0.009)	0.177*** (0.023)	0.135*** (0.019)	0.172*** (0.010)	0.173*** (0.022)	0.167*** (0.009)	0.144*** (0.023)
Standardised primary school test	0.170*** (0.009)	0.167*** (0.010)	0.193*** (0.027)	0.156*** (0.021)	0.171*** (0.011)	0.181*** (0.020)	0.172*** (0.011)	0.155*** (0.024)
Migration background								
No migration background	ref	ref	ref	ref	ref	ref		
Moroccan origin	-0.0135 (0.026)	-0.0083 (0.026)	-0.0446 (0.107)	0.0251 (0.040)	-0.0527~ (0.031)	-0.166 (0.159)		ref
Turkish origin	-0.0153 (0.023)	-0.0207 (0.023)	0.136 (0.097)	0.00399 (0.040)	-0.0128 (0.031)	-0.228** (0.088)		-0.0101 (0.033)
Caribbean origin	0.00118 (0.022)	0.017 (0.023)	-0.109 (0.070)	-0.0276 (0.034)	0.0587~ (0.033)	-0.178* (0.079)		0.0233 (0.035)
Other non-Western origin	0.0946*** (0.020)	0.101*** (0.022)	0.063 (0.059)	0.145*** (0.033)	0.0526~ (0.030)	0.0271 (0.064)		0.108** (0.034)
Other Western origin	0.0403* (0.018)	0.0451* (0.020)	0.011 (0.051)	0.0715* (0.031)	0.0356 (0.024)	-0.0244 (0.052)		
Household income quintile								
Household income quintile 1 (lowest)	ref	ref	ref				ref	ref
Household income quintile 2	0.0247* (0.012)	0.0297* (0.012)	-0.0176 (0.046)				0.0238 (0.015)	0.0519~ (0.028)
Household income quintile 3	0.0934*** (0.014)	0.0986*** (0.015)	0.0464 (0.042)				0.103*** (0.017)	0.0517 (0.034)
Household income quintile 4	0.143*** (0.015)	0.146*** (0.016)	0.107*** (0.040)				0.150*** (0.017)	0.161*** (0.041)
Household income quintile 5 (highest)	0.214*** (0.015)	0.217*** (0.016)	0.179*** (0.041)				0.229*** (0.017)	0.0963* (0.049)
At least one parent with university degree	0.109*** (0.013)			0.150*** (0.034)	0.115*** (0.017)	0.107*** (0.026)	0.110*** (0.014)	0.112** (0.040)
Large city >150,000	0.0266~ (0.016)	0.0209 (0.016)	0.0559 (0.036)	0.00104 (0.023)	0.0189 (0.018)	0.0776* (0.034)	0.0403* (0.018)	-0.0276 (0.030)
Constant	0.192*** (0.022)	0.190*** (0.022)	0.325*** (0.053)	0.180*** (0.025)	0.285*** (0.018)	0.389*** (0.033)	0.191*** (0.026)	0.190*** (0.041)
First stage regression coefficient of relative distance	-0.0001*** 0.0000	-0.0001*** 0.0000	-0.0001*** 0.0000	-0.0001*** 0.0000	-0.0001*** 0.0000	-0.0001*** 0.0000	-0.0001*** 0.0000	-0.0001*** 0.0000
F test of excluded instruments (df=1)	27.95	27.09	19.9	28	26.56	10.77	26.8	15.97
N (individuals)	13853	12074	1779	2660	8749	2444	11000	2047
N (schools)	857	844	515	609	782	551	806	468

Students with mixed vmbo/havo recommendation

Regression coefficients and robust standard errors (clustered at the level of school)

~ p<0.10, \* p<0.05, \*\* p<0.01, \*\*\* p<0.001

*Table S7 OLS regression of finishing intermediate general diploma or higher, for students with unitary pre-vocational recommendation*

	-1	-2	-3	-4	-5	-6	-7	-8
	All students	Parent(s) without degree	Parent(s) with degree	Lowest income quintile 1	Middle income quintiles 2-4	Highest income quintile 5	Non-migrants	Non-western migrants
Single-track pre-vocational school	-0.0472*** (0.004)	-0.0447*** (0.004)	-0.0802*** (0.011)	-0.0321*** (0.004)	-0.0486*** (0.004)	-0.0822*** (0.012)	-0.0497*** (0.004)	-0.0296*** (0.005)
Female	0.0535*** (0.003)	0.0506*** (0.003)	0.0871*** (0.011)	0.0335*** (0.004)	0.0559*** (0.004)	0.0871*** (0.009)	0.0550*** (0.003)	0.0453*** (0.005)
Standardised primary school test	0.109*** (0.003)	0.104*** (0.003)	0.177*** (0.010)	0.0872*** (0.004)	0.111*** (0.004)	0.153*** (0.009)	0.105*** (0.004)	0.121*** (0.006)
Migration background								
No migration background	ref	ref	ref	ref	ref	ref		
Moroccan origin	0.0275*** (0.006)	0.0274*** (0.006)	0.0259 (0.041)	0.0351*** (0.007)	0.015 (0.009)	0.00194 (0.039)		ref
Turkish origin	0.0194*** (0.005)	0.0194*** (0.005)	-0.00516 (0.040)	0.0216*** (0.006)	0.0121 (0.008)	0.011 (0.030)		-0.00988 (0.007)
Caribbean origin	0.00894 (0.006)	0.0112* (0.006)	-0.0251 (0.026)	0.00886 (0.006)	0.00187 (0.009)	0.0232 (0.035)		-0.0175* (0.007)
Other non-Western origin	0.0595*** (0.007)	0.0573*** (0.006)	0.0884** (0.032)	0.0556*** (0.008)	0.0627*** (0.011)	0.0678~ (0.038)		0.0291*** (0.008)
Other Western origin	0.0323*** (0.006)	0.0292*** (0.006)	0.0632** (0.023)	0.0327*** (0.008)	0.0294*** (0.008)	0.0357 (0.022)		
Household income quintile								
Household income quintile 1 (lowest)	ref	ref	ref				ref	ref
Household income quintile 2	0.0146*** (0.003)	0.0136*** (0.003)	0.0255 (0.017)				0.0173*** (0.003)	0.00995~ (0.006)
Household income quintile 3	0.0312*** (0.003)	0.0304*** (0.003)	0.0445** (0.017)				0.0314*** (0.004)	0.0312*** (0.009)
Household income quintile 4	0.0490*** (0.004)	0.0496*** (0.004)	0.0529*** (0.016)				0.0508*** (0.004)	0.0482*** (0.011)
Household income quintile 5 (highest)	0.0766*** (0.006)	0.0726*** (0.006)	0.107*** (0.019)				0.0782*** (0.006)	0.0767*** (0.019)
At least one parent with university degree	0.0553*** (0.006)			0.0417*** (0.011)	0.0554*** (0.007)	0.0749*** (0.015)	0.0542*** (0.006)	0.0447** (0.017)
Large city >150,000	0.0101~ (0.006)	0.00747 (0.005)	0.0322~ (0.017)	0.00179 (0.005)	0.0102 (0.007)	0.0352* (0.017)	0.0209** (0.007)	-0.00959 (0.006)
Relative distance to vmbo versus vmbo plus	-0.00000267*** (0.000)	-0.00000262*** (0.000)	-0.00000334 (0.000)	-0.00000112 (0.000)	-0.00000265*** (0.000)	-0.00000600** (0.000)	-0.00000266*** (0.000)	-0.00000236 (0.000)
Constant	0.130*** (0.005)	0.127*** (0.005)	0.212*** (0.018)	0.115*** (0.006)	0.161*** (0.006)	0.231*** (0.012)	0.124*** (0.005)	0.181*** (0.010)
N (individuals)	51250	47317	3933	13498	31758	5994	38206	10391
N (schools)	1023	1015	825	945	1004	866	984	853

Students with unitary pre-vocational recommendation (any vmbo level)

Regression coefficients and robust standard errors (clustered at the level of school)

~ p<0.10, \* p<0.05, \*\* p<0.01, \*\*\* p<0.001

Table S8 OLS regression of finishing intermediate general diploma or higher, for students with mixed pre-vocational/intermediate general recommendation

	-1	-2	-3	-4	-5	-6	-7	-8
	All students	Parent(s) without degree	Parent(s) with degree	Lowest income quintile 1	Middle income quintiles 2-4	Highest income quintile 5	Non-migrants	Non-western migrants
Single-track pre-vocational school	-0.113*** (0.025)	-0.111*** (0.028)	-0.128* (0.051)	-0.127*** (0.034)	-0.100** (0.032)	-0.166*** (0.043)	-0.138*** (0.026)	-0.0426 (0.056)
Female	0.162*** (0.008)	0.161*** (0.009)	0.173*** (0.022)	0.126*** (0.018)	0.171*** (0.010)	0.168*** (0.020)	0.166*** (0.009)	0.140*** (0.021)
Standardised primary school test	0.163*** (0.008)	0.161*** (0.008)	0.177*** (0.021)	0.135*** (0.017)	0.168*** (0.010)	0.167*** (0.017)	0.167*** (0.008)	0.131*** (0.019)
Migration background								
No migration background	ref	ref	ref	ref	ref	ref		
Moroccan origin	-0.0151 (0.025)	-0.00866 (0.025)	-0.0741 (0.102)	0.0233 (0.037)	-0.0541~ (0.031)	-0.144 (0.145)		ref
Turkish origin	-0.0136 (0.022)	-0.0185 (0.023)	0.122 (0.093)	0.0116 (0.036)	-0.0117 (0.032)	-0.266** (0.087)		-0.00108 (0.029)
Caribbean origin	-0.00113 (0.023)	0.0154 (0.024)	-0.118~ (0.070)	-0.0362 (0.031)	0.0590~ (0.033)	-0.196** (0.075)		0.0235 (0.032)
Other non-Western origin	0.0878*** (0.020)	0.0950*** (0.022)	0.0469 (0.056)	0.134*** (0.031)	0.0493~ (0.030)	0.00315 (0.062)		0.100** (0.032)
Other Western origin	0.0379* (0.018)	0.0409* (0.019)	0.0253 (0.050)	0.0631* (0.030)	0.0337 (0.023)	-0.00157 (0.048)		
Household income quintile								
Household income quintile 1 (lowest)	ref	ref	ref				ref	ref
Household income quintile 2	0.0207~ (0.012)	0.0268* (0.012)	-0.0385 (0.041)				0.0217 (0.014)	0.0387 (0.027)
Household income quintile 3	0.0851*** (0.012)	0.0902*** (0.013)	0.0396 (0.040)				0.0979*** (0.015)	0.0333 (0.032)
Household income quintile 4	0.134*** (0.013)	0.138*** (0.014)	0.0952** (0.037)				0.144*** (0.015)	0.144*** (0.038)
Household income quintile 5 (highest)	0.206*** (0.014)	0.211*** (0.015)	0.167*** (0.037)				0.224*** (0.016)	0.0666 (0.044)
At least one parent with university degree	0.108*** (0.013)			0.150*** (0.032)	0.114*** (0.016)	0.105*** (0.024)	0.109*** (0.014)	0.0938* (0.038)
Large city >150,000	0.0184 (0.015)	0.0129 (0.015)	0.0472 (0.034)	-0.0128 (0.021)	0.0143 (0.017)	0.0624* (0.030)	0.0337* (0.016)	-0.0438~ (0.024)
Relative distance to vmbo versus vmbo plus	0.0000 (0.000)	0.0000 (0.000)	0.0000 (0.000)	-0.00000749* (0.000)	0.0000 (0.000)	0.0000 (0.000)	0.0000 (0.000)	-0.0000111* (0.000)
Constant	0.224*** (0.012)	0.220*** (0.012)	0.369*** (0.036)	0.238*** (0.016)	0.298*** (0.010)	0.440*** (0.018)	0.212*** (0.013)	0.256*** (0.032)
N (individuals)	13853	12074	1779	2660	8749	2444	11000	2047
N (schools)	857	844	515	609	782	551	806	468

Students with mixed vmbo/havo recommendation

Regression coefficients and robust standard errors (clustered at the level of school)

~ p<0.10, \* p<0.05, \*\* p<0.01, \*\*\* p<0.001