

# Analysing diversion processes in German secondary education: School track effects on educational aspirations

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## Online Appendix

**Table A1: Sample selection process**

	<b>Original sample</b>	<b>Above median performance</b>	<b>Aspirations for higher education eligibility in wave 1</b>	<b>Participating in wave 1, 2 and 5</b>	<b>Complete information</b>
Total	4,812 (100%)	2,403 (50%)	2,038 (42%)	1,535 (32%)	1,163 (24%)
<i>By school track</i>					
Non-Academic	2,577 (100%)	717 (28%)	404 (16%)	279 (11%)	185 (7%)
Academic	2,235 (100%)	1,686 (75%)	1,634 (73%)	1,256 (56%)	978 (44%)
<i>By parents' education</i>					
Less than upper secondary education	1,602 (100%)	617 (39%)	460 (29%)	374 (23%)	313 (20%)
Upper secondary education	795 (100%)	446 (56%)	390 (49%)	306 (38%)	284 (36%)
Higher education	1,177 (100%)	863 (73%)	809 (69%)	603 (51%)	566 (48%)
No information	1,238 (100%)	477 (39%)	379 (31%)	279 (23%)	0 (0%)

Source: NEPS SC3. Notes: Calculations for survey wave 1 (grade 5). "Original sample" refers to all participating pupils in wave 1 in regular schools, excluding special needs pupils and pupils still in elementary schools.

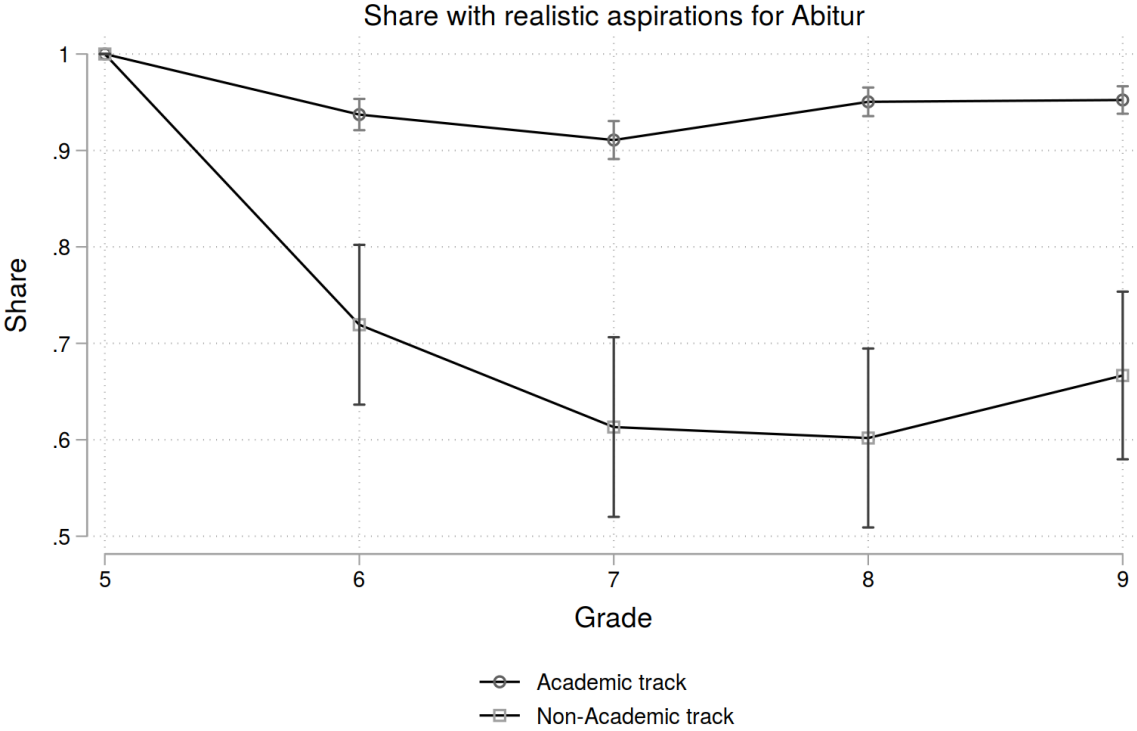
**Table A2: Propensity score assignment model (logistic regression)**

	Attending the academic track
Female	1.489* (0.265)
Parental education	
Less than upper secondary education	Ref.
Upper secondary education	1.900** (0.444)
Higher education	1.943*** (0.390)
Age in 2011	0.398*** (0.0909)
Math competence	2.626*** (0.369)
Reading competence	1.079 (0.114)
Reasoning score	1.083 (0.0439)
Perceptual speed score	1.000 (0.00702)
East	2.522* (0.910)
Parents living together	1.770** (0.384)
Migration status	
Both parents born in Germany	Ref.
One parent born abroad	1.113 (0.310)
Both parents born abroad	2.687* (1.250)
Observations	1163
R-Squared	0.14

Exponentiated coefficients (odds ratios); Standard errors in parentheses. Dependent variable: attending the academic track (1) or not (0). Standard errors clustered within school.

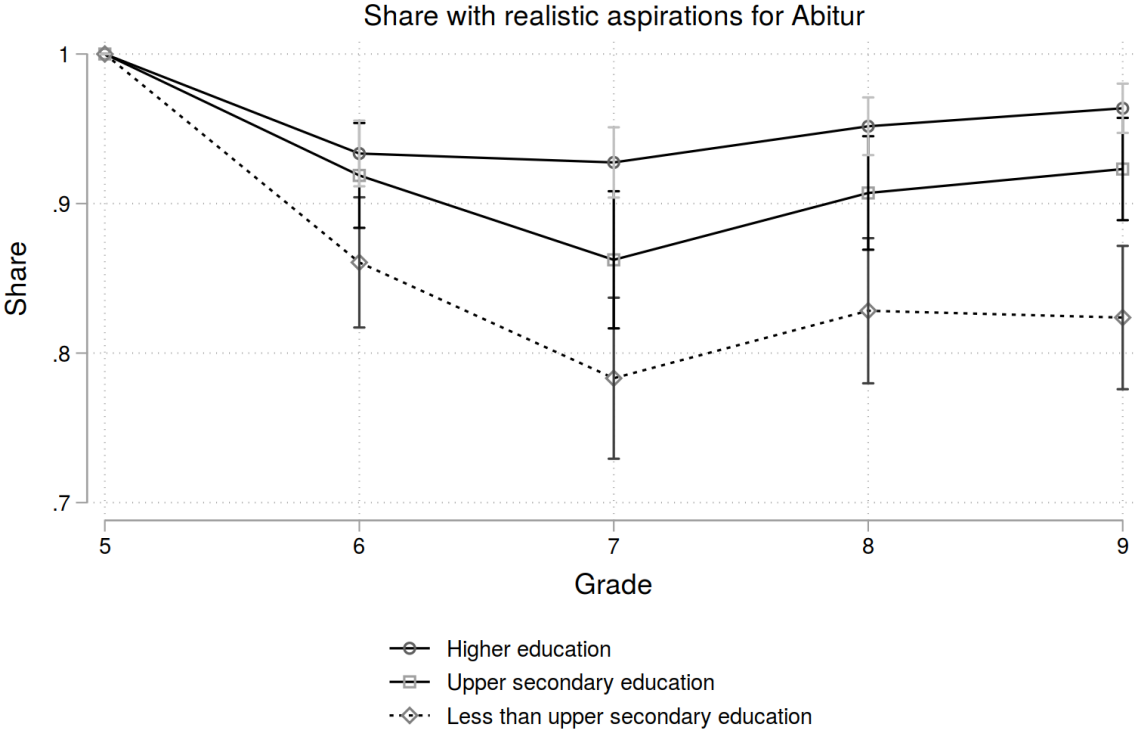
\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Figure A1: Development of realistic aspirations by school track



Source: NEPS SC3. 95% Confidence bars depicted.

Figure A2: Development of realistic aspirations by social background over time.



Source: NEPS SC3. 95% Confidence bars depicted.