Exploring Educational Expectations of 9th Graders and their Parents *

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Abstract

Education shapes life outcomes, influencing earnings, health and well-being. Educational outcomes are shaped not only by individual preferences and capabilities, but also by parental background and (educational) expectations. Using data from Dutch 9th graders and their parents, we explore these expectations. We document robust patterns showing that students' expectations align with common educational trajectories, while their parents are more conservative. Two-thirds of students have the same educational attainment expectations as their parents, but 27% of students expect to complete a more selective education level than what their parents expect them to complete, while only 3% expect a less selective level. Students without higher-educated parents are more likely to expect less selective education levels, a pattern reflected in their parents' expectations. Mismatches in expectations occur more frequently among this group. Therefore, educational expectations may reproduce intergenerational inequality. This highlights the need for policies that consider the role of parental influence and educational expectations in shaping educational outcomes.

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1 Introduction

Education is a significant factor shaping individuals' life outcomes, where the completion of higher-education is associated with increased earnings, reduced mortality risk, lower likelihood of engaging in risky behavior, and improved subjective well-being.[1] At the societal level, education fosters economic growth and reduces inequality.[2] Despite its importance, educational choices often fail to align with individuals' preferences and potential. One explanation might be the potential misalignment between students' educational expectations and their preferences and capabilities.[3] Another reason might be their parents, whose influence shapes children's educational choices, affecting the intergenerational reproduction of educational choices and enhance inequality by parental education.[4] For instance, misalignment between the educational plans of students and their parents can create friction in the decision-making process. The channels through which these expectations are shaped, particularly in relation to parental background, are not well understood.

This paper explores the educational expectations of Dutch 9th graders and their parents. Furthermore, we study the potential alignment between student and parental expectations. Additionally, we assess the role of parental education in shaping these expectations.

The data used are unique for our analysis, providing insights into the expectations of both the student and their parents. Additionally, the data contain various background variables and information about the short-term school-track and long-term attainment expectations of students and parents. Given the structure of the Dutch education system, with tracking and the selectivity of the further education possibilities, expectations can be ordinally ranked.[5]

We document that students' expectations generally align with the educational flows and attainment patterns of previous cohorts. In contrast, parents expect less selective forms of further education, regardless of their child's high-school track, nor do they seem to consider the possibility of moving to another high-school track after the child completes the current level. Although over two-thirds of students share the educational attainment expectation of parents, 27% of students expect to complete a more selective education level, and 3% expect a less selective level instead. This mismatch also extends to the high-school track expectations and persists even when students expect to follow the typical level of further education associated with their high-school track.

We test whether parental education influences these expectations and their alignment, controlling for students' self-efficacy, ability (primary school exit-test scores), parental income, parenting styles, and background characteristics such as the school and collection wave. We find that both students' and parents'

[1] An overview of the literature investigating these patterns can be found in Heckman et al. (2018), Buckles et al. (2016), and Oreopoulos & Salvanes (2011).

[2] See, for example, Piketty (2014) and Barro (2001), respectively.

[3] Literature documenting this relationship can be found in Sewell et al. (1969); Jacob & Wilder (2010).

[4] Patterns of the intergenerational reproduction of educational choices have been found in different contexts and take place at various educational crossroads, for an international perspective see, e.g., Blanden et al. (2023) or OECD (2014), while a Dutch perspective can be found in, e.g., Centraal Planbureau (2019), Van den Broek et al. (2018) and Atav et al. (2023).

[5] Section 2.1 provides more details on the Dutch education system and the differences between the further education options.

expectations shift toward more selective forms of higher education when at least one parent has completed higher education. This situation also increases the likelihood that students share their parents' expectations. However, significant heterogeneity exists across the high-school tracks.

As explained below, we contribute to the literature on educational outcomes by studying the educational expectations of students and their parents. We highlight how students' educational expectations are formed, and the parental influence in this process. The relationships we study are closely linked to the literature investigating intergenerational inequalities. By analyzing the potential alignment in their expectations, we narrow down the potential mechanisms driving intergenerational patterns. The Dutch context of our study facilitates the aforementioned comparison.

Firstly, the literature on the determination of educational choices is quite diverse. A key point of discussion is the role of pecuniary vs non-pecuniary beliefs. For example, papers in the Anglo-American context highlight that pecuniary beliefs are a strong driver of educational intentions (Bleemer & Zafar, 2018; Boneva et al., 2022; Dynarski et al., 2023a). However, within the German context, providing students and parents with financial information did not close enrollment gaps by parental background Lergetporer et al. (2021). In general, non-pecuniary barriers further reduce individuals' willingness to pursue high-education (Dynarski et al., 2023b). Therefore, depending on the context, there are various reasons for educational expectations to differ between individuals, and to influence educational outcomes (Jacob & Wilder, 2010).

We add to the literature on students' educational expectations in three ways. First, we focus on 9th graders at the crusp of making their major choice, implying that they are familiar with their future educational options. This is reflected in our results, where students' expectations, on average, match with the rate of educational transitions and attainment of previous cohorts. This pattern contributes to the review of Blanden et al. (2023), which shows that more students expect to obtain a university degree than the percentage of students acquiring such a degree. Second, we add the Dutch context to this discussion, which is characterized by low-tuition fees, in contrast to studies on Anglo-American contexts (Boneva et al., 2022; Sewell & Armer, 1966; Blanden et al., 2023). Last, akin to Belfield et al. (2020), we ask for both the short-term expectation (expected high-school track) and long-term expectations (attainment), providing more insight into students' educational pathways and the stability of their education plans (Bozick et al., 2010).

Secondly, we contribute to the literature which investigates the role that parents play in the educational outcomes of children by investigating their educational expectations. Parents' expectations have been shown to directly influence the educational expectations of students (Bozick et al., 2010). Additionally, Carlana & Corno (2024) show that students are likely to adapt their major expectation after a recommendation from their parents, even if it sustains inequalities in study choices. This pattern emerges as students value parental approval in their decision-making process (Zafar, 2013).

However, parents' (educational) expectations for their children may be based on incomplete information. For example, Bergman (2021) shows that parents are often unaware of students' performance, and addressing this could improve learning outcomes. Similarly, Müller (2024) finds that German parents are unaware of

their children's college plans. His field experiment shows that increasing the visibility of college plans makes it more likely for students to follow through on their intentions. In particular, parents may be unaware of the potential for certain educational transitions, and their frequency, in the Dutch system.

The potential consequences of parents' educational expectations reach further than students' expectations, it could also influence factors relevant in the decision process, such as academic achievement. For instance, Trinidad (2019) argues that when parents hold (excessively) high expectations, this could induce stress among students and lower academic performance. Other papers argue that high expectations could be associated with increased academic performance (de Boer & van der Werf, 2015; Wang & Benner, 2014). Congruence in educational expectations might be more effective in supporting learning (Zhang et al., 2011).

Accordingly, the combination of students' and parents' expectations plays a crucial role in shaping successful educational pathways. Our study, investigating the alignment of these expectations highlights the potential mechanisms discussed in the previous paragraph. In particular, the Dutch education system with ordinally ranked high-school tracks and further education levels differs from previous studies. We find that two-thirds of students and parents share their educational attainment expectations, 27% of students expect to pursue a more selective level than what their parents expect them to complete. This contrasts with findings from Ireland, where parents are more likely to expect selective forms of further education (Smyth, 2020), and the U.S., where there is less congruence overall (Wang & Benner, 2014). Furthermore, since students' expectations align with educational transitions and attainment, the high rate of non-congruence in educational expectations stresses the conservative nature of parental expectations.

Lastly, our paper contributes to the literature on intergenerational mobility by investigating how students' and parents' educational expectations, and their congruence, are influenced by parental education. Students' expectations have been shown to mediate the relationship between parental education and educational outcomes (Sewell et al., 1969; Jacob & Wilder, 2010). As previously mentioned, parents influence this process, with their expectations shaped by their education level (Breen & Goldthorpe, 1997; Need & de Jong, 2001). The congruence between students' and parents' expectations promotes successful academic pathways. Identifying mismatches in expectations could help policymakers recognize students at risk of not following through on their educational goals, a phenomenon common in the US (Castleman et al., 2014), and can explain why high-achieving low-SES students do not apply to selective colleges (Hoxby & Turner, 2015).

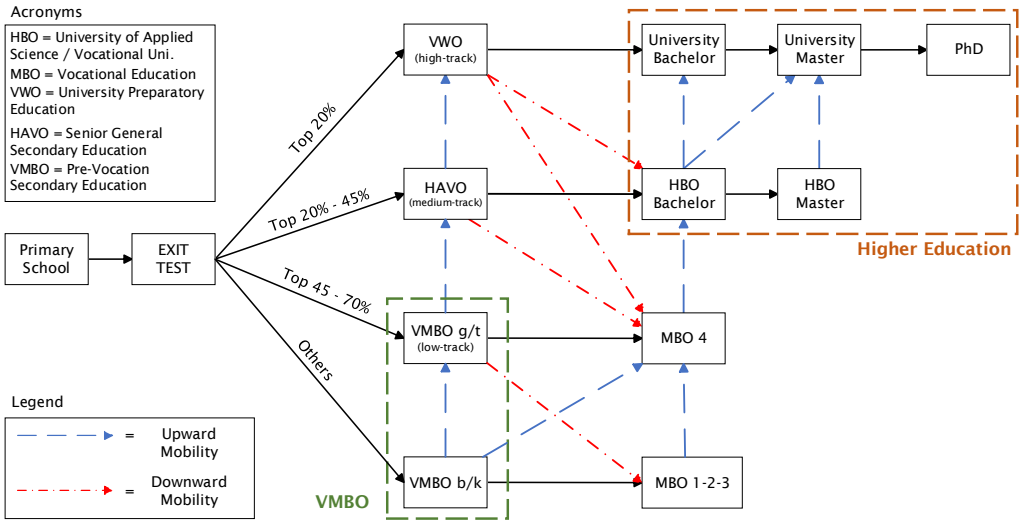
Section 2 provides a description of the Dutch education system and the data. The method is described in section 3. Section 4 presents our findings, for both the individual expectations and their alignment, in a descriptive analysis. Additionally, we test for differences by parental background and include further analyses, such as heterogeneity analyses and robustness checks. Section 5 concludes the paper.

2 Dutch Education System & Data

2.1 Dutch Education System

The Dutch education system is characterized by a high degree of stratification following primary school, which cover ages 4 to 12 (equivalent to 6th grade).[6] Upon completing primary school, students advance to, broadly speaking, one of three high-school tracks. These tracks largely shape their future educational and career opportunities. This selection is based on an advice given by the primary school-teacher, following the performance on a centralized exit-test. An overview of the education system is presented in Figure 1.

Figure 1: Dutch Education System



Note: For a detailed review of the educational system, see appendix section B.1. Appendix Figure B.1 provides information on the educational transitions in the year 2022. This figure slightly simplified the possibilities by omitting the pathway from VWO and HAVO to MBO 1-2-3, which is not common (0.5% HAVO, 0.023% VWO), as shown in Table B2. University education is abbreviated to "WO" in the analysis, representing the Dutch abbreviation (Wetenschappelijk Onderwijs).

The most selective high-school track is VWO, which we refer to as the "high-track".[7] This track provides access to all future educational pathways, which include WO (academic university), HBO (vocational university) and MBO (vocational training).[8,9] One's life outcomes varies substantially based on which level of further education is completed.

In terms of economic returns, the starting wage for a WO graduate is, on average, 20% higher than that of an HBO graduate, who earns 25% more than an MBO graduate (SEO Economic Research, 2020). Graduates from the higher-education options (HBO & WO) also report higher levels of savings compared to MBO graduates and enjoy non-pecuniary benefits, such as greater job, life and health satisfaction (Centraal Bureau voor de Statistiek, 2022b). Moreover, more selective degrees are required for various job positions and promotions, resulting in higher earnings growth and social status.

[6] This period includes kindergarten. Although education is only mandatory from age 5 onwards, 95% of children start school at the age of 4.

[7] This track is equivalent to the ISCED 3A classification, aligning with the International Baccalaureate, UK's A-levels and the German Arbitur.

[8] HBO education is also known as a University of Applied Science, comparable to the Haute Ecole (France), Polytechnic (Commonwealth countries) and the Fachhochschule (Germany).

[9] MBO corresponds to an ISCED 3 or 4 depending on the chosen level.

Despite disparities in income and career prospects, the costs of these educational pathways are relatively similar. This is due to the low tuition fees, accessible institutes, free public transport and financial aid from the government, offered either as subsidies for low-income households and/or low-interest loans. As a result, enrollment rates in further education are high. A detailed discussion can be found in Appendix section B.1.

Among students in the high-track, 88% proceed to WO, 11.7% opt for HBO, and 0.14% for MBO (Dienst Uitvoering Onderwijs, 2022). The second most selective high-school track is HAVO, which we label as the "medium-track". This track does not provide direct access to WO. However, students can enroll in WO after completing the high-track or HBO. Of these students, 87.4% enroll in HBO, 3.9% in MBO and 8.7% transition to the high-track. Notably, 15% of medium-track students eventually obtain a WO degree, demonstrating mobility despite initial barriers (Ministerie van Onderwijs, Cultuur & Wetenschap, 2017).

The least selective high-school track is VMBO, which is divided into four sub-tracks characterized by focus. "VMBO-K" and "VMBO-B" are practically oriented, preparing students for an apprenticeship-type study (MBO 1-2-3). In contrast, "VMBO-G" and "VMBO-K" are more academically oriented, allowing entry into the medium-track or entry into MBO-4, which is a prerequisite for transitioning to HBO. The data shows a stark contrast in educational outcomes: with only 6% of students from the practical tracks reaching higher-education, compared to 25% from the theoretical tracks (Centraal Bureau voor de Statistiek, 2016). Given the limited transitions for practical students, we exclude them from our analysis and refer to the two theoretical subtracts as the "low-track".[10]

2.2 Data

We use data from a biannual survey among 9th graders and their parents in the Dutch province of Limburg. These data are collected by the "Onderwijsmonitor Limburg", which tracks students throughout primary and secondary education.[11,12] This dataset consists of a student survey, a parental questionnaire and detailed school records. An overview of the variables used in the paper is presented in Tables A1-A3. For our analysis, we utilize data from the 2014, 2016, 2018, 2020 and 2022 collection waves. Descriptive statistics are available in Tables C1-C4, for all high-school tracks combined and for each track separately.

In addition, we restrict the sample to child-parent pairs for which we have both sets of educational expectations, coming from the student survey and parental questionnaire, respectively. This facilitates the comparison of both sets of educational expectations. Since we later control for additional factors, such as parental income and parenting styles, this restriction reduces the sample by only about 3%.

We elicit two types of expectations. First, students are asked which level of further education they expect to complete, i.e., we ask for their expected level of educational attainment. Similarly, parents are asked which level they expect their child to complete.[13] The response options include: "MBO1,2 / MBO3,4 / HBO /

[10]Further clarification about these sub-tracks can be found in Appendix section B.1. Additionally, we show that pooling these sub-tracks does not affect our results.

[11]The data collection is approved by the local ethical committee (ERCIC-092-12-07-2018).

[12]More information can be found at: `https://www.educatieveagendalimburg.nl/onderwijsmonitor-p/english`.

[13]One parent was requested to fill in the questionnaire. In our data, 80% of the responses were from the mother, just under 20% from the father, and less than 1% from caregivers. The survey asked about the education level of both (biological) parents.

WO BSc / WO Master" or to abstain from answering.[14] We condense these options into three categories: "MBO", "HBO" & "WO" to reflect the key educational pathways.

Second, we ask students and parents about the expected high-school level. We follow the setting of the three main high-school tracks, and for each track, we can identify whether the student expects, or the parent expects the child, to make a downward or upward transition (if possible), or finish the current track.

Given that both the high-school track and educational attainment options can be ranked ordinally in the Dutch system,[15], it facilitates the comparison of educational expectations between students and parents. For both the high-school track and educational attainment expectations, we can classify the combination of students' and parents' expectations into three categories.

First, whether the student expects to complete a more selective level than what the parent expects their child to complete. For instance, in terms of educational attainment, this type of mismatch would occur if the student expects to complete WO while the parent expects HBO. [16'17] Second, when the student and parent expect the same level of education, i.e. congruence in their expectations. Third, whether the student expects to complete a less selective level than the parent.

We hypothesize that the different forms of mismatch may have varying economic and academic consequences. For instance, if a student expects to complete a more selective education level than their parent expects, this may signal a lack of parental support, which could diminish the student's motivation and engagement early in the decision-making process. Conversely, if the student expects to complete a less selective education level instead, it might signal high levels of parental pressure, which may induce stress and negatively impact academic performance,[18] or it might be associated with an underestimation of a students own capabilities or holding different (economic) preferences regarding their educational outcomes.

We determine the level of parental education from the parental questionnaire. In our dataset, 63% of families (i.e. child-parent pairs) have, at least, one parent who completed higher-education (HBO or WO), closely matching the Dutch average of 65% (Van den Broek et al., 2018). This proportion varies by high-school track: 46% in the low-track, 61% in the medium-track, and 76% of families in the high-track have at least one higher-educated parent. The proportion increases with the selectivity of the high-school track, driven by two factors: children of higher-educated parent perform better on exit exams (Kloosterman et al., 2009), and teacher are more likely to recommend selective tracks for these students (Centraal Planbureau, 2019).

[14] We did not allow students, or parents, to select one of the high-school tracks as their level of educational attainment. This is a reasonable request given that over 90% of students enroll in further education, which is mandatory for students in the low-track.

[15] As described in section 2.1 WO is the most selective to enter and, on average, leads to the highest returns to education, followed by HBO and then MBO.

[16] The full set of student and parent combinations in this example would be: (WO,HBO), (WO, MBO) & (HBO,MBO).

[17] Using the high-school track expectations instead, student and parent combinations of this mismatch include: (upward, equal) & (equal, downward).

[18] A more extensive overview of the role of parental expectations can be found in, e.g., Yamamoto & Holloway (2010).

As part of our control variables, we obtained data on each student's age, gender, and school-track come from the school-registry, which also provides a measure of ability via the primary-school exit-test score. To account for the different exist tests used by school, we normalize each test score distribution and aggregate the results.[19] The student survey includes questions about the respondent's self-efficacy belief, a crucial determinant of educational outcomes (Lent et al., 1994). The items used in the principal-component-analysis (PCA) of this construct are shown in Tables A4 and A5, corresponding to the years up to 2020 and 2022, respectively, when one question was omitted. Cronbach's alpha values of 0.857 and 0.836 confirm the internal consistency of the construct. We normalize both the exit-test score and the student's self-efficacy belief per high-school track.

The parental questionnaire collects information on parenting styles, parental income, and employment status. We classify income into five categories, one for each income quartile and one for non-response in this question,[20] and maternal employment into 'not-working', 'part-time', and 'full-time'. Parenting styles are assessed by the level of homework support and the frequency of discussions about school matters at home, both measured using a 5-point Likert scale. Our sample consists of 6751 students and their parents, with 1844 in the low-track, 2300 in the medium-track and 2607 in the high-track.

3 Method

3.1 Descriptive

The first step in our analysis is a descriptive investigation of the educational attainment expectations held by students and parents separately. We follow the characterization using the three further education levels (MBO, HBO & WO), reflecting the key educational pathways. Next, we examine the potential alignment between student and parental expectations, using the aforementioned categories: congruence (both expect the same level), upward mismatch (student expects a more selective level than the parent) and downward mismatch (student expects a less selective level than the parent).

We then condition the alignment analysis on the student's attainment expectation to narrow down potential mechanisms behind any mismatch. For instance, if a high-track student expects to transition to WO, which occurs in 85% of cases (Table D1), but the parent expects MBO (0.16% of transitions), this likely signals a lack of parental support rather than a limitation of the student's abilities. Similarly, if a low-track student expects WO, historically attained by less than 2% of students, the upward mismatch may suggest either an overestimation of the student's capabilities or a lack of information from the parents. Conversely, if a low-track student expects MBO and the parent expects WO, this likely suggests excessive parental pressure. The clear pathways in the Dutch system help to disentangle the mechanisms behind the mismatches.

[19] All tests yield similar results regarding the most appropriate school track based on student performance (Centraal Planbureau, 2019). While minor differences exist, a perfect measurement for comparing tests has not been established. Figure B2 provides an overview of each test's distribution.

[20] The "Missing" category of income is only assigned if the parent filled in other elements of the survey, including the questions about parenting styles and their educational expectations.

Lastly, we investigate the school-track expectations of students and parents and explore their alignment. These expectations are predictive of their attainment expectation and reflect potential educational pathways. Tables I1 and I2 show that students and parents who expect upward transitions are also more likely to anticipate more selective further education levels.[21,22] Additionally, prior research shows that parental education structures educational pathways, with medium-track students from higher-educated parents who reach WO are more likely to do so via the high-track, rather than HBO (Van den Broek et al., 2018). Likewise, Belfield et al. (2020) indicates similar patterns within the context of the UK, where students from higher-educated parents are more likely to expect (and transition) to A-levels and consequently university.

3.2 Regression Analysis

In addition to the descriptive investigation, we examine the association between parental education and the educational attainment expectations of both students and parents. Following this, we study the alignment of their educational expectations. To facilitate interpretation, we estimate multiple linear probability models instead of using multiple categories in a multinomial logistic model.[23]

For the analysis of the educational attainment expectations, we split the three categories (MBO, HBO, WO) into two outcome variables. First, we estimate the likelihood that a student expects, or the parent expects their child, to complete MBO rather than higher-education (HBO or WO). Second, we estimate the likelihood of expecting HBO over WO, conditional on expecting higher-education. These variables match the main educational trade-offs faced by students and their parents.

For the alignment between student and parental expectations, we estimate the likelihood of being in one of the mismatch categories. Specifically, we first estimate the probability that the student expects to complete a more selective education level than their parent, compared to expecting an identical or less selective level.[24] Similarly, we estimate the reverse, where the student expects to complete a less selective education level than their parent. The regression equation for all these analyses is given by:

$$y_{ist} = \beta \cdot \ parental_education_i + \gamma \cdot \ X_i + \sum_{t=2014}^{2022} \zeta_t \cdot year_t + \sum \mu_s \cdot school_s + \epsilon_s \tag{1}$$

The dependent variable is any of the six (two for students, two for parents and two mismatch outcomes) previously discussed. The index i refers to a student-parent pair, t to the collection wave, and s to the student's high-school identifier. These indices form the basis for the year (bi-annual), and school-specific fixed effects, which we include as controls. Year fixed effects account for cohort-specific circumstances, such as changes in social norms and economic fluctuations. School fixed effects control for school-specific factors

[21] For example, low-track students who expect to transition to a more selective high-school track are more likely to expect to complete HBO. Similarly, parents of medium-track students expecting their child to transition to the high-track are less likely to expect that their child will complete MBO, opting for a more selective level.

[22] Alternatively, Tables I6 and I7 present results of a regression analysis adding the school-track expectation as an explanatory variable for the attainment expectations of students and parents, respectively, which depicts similar patterns.

[23] Multinomial logistic models, and other variants, are included in the robustness checks.

[24] This estimates the proportion of student-parent pairs where the student expects to complete a more selective education level than the parent. Robustness checks will consider alternative specifications.

that may influence both cognitive and non-cognitive student development, as well as specific college-linking networks present.

The parameter β captures the association between parental education, measured by whether at least one parent completed higher education (*HE*), and our outcome variables. The matrix X includes control variables such as age, gender (*female*), self-efficacy, exit-test score, income quartiles, maternal employment status, homework assistance and the frequency of talks about what happens at school. We do not control for the students' high-school track directly. Instead, we repeat all analyses for each high-school track separately, due to the disparities in educational opportunities between tracks, as discussed in section 2.1.[25]

Following the discussion in Abadie et al. (2017), we cluster the errors at the high-school level and correct them for heteroskedasticity. The correction for heteroskedasticity addresses concerns related to binary variables. Clustering at the high-school level accounts for common factors among students, such as the influence of a teacher acting as a role model, which would contribute to heterogeneity within student groups.

4 Results

This section presents the results of our analyses. In line with the approach outlined in section 3, we begin with a descriptive analysis of the educational attainment expectations, their alignment between students and parents, and the short-run educational expectations. Following this, we explore the patterns by parental background, testing these associations using the methods discussed previously.

4.1 Descriptive Approach

4.1.1 Individual Expectations

The first step is to examine the educational attainment expectations of both students and parents separately. To provide context for this analysis, we compare these expectations to available statistics on actual educational transitions and attainment. Table 1 presents an overview of these expectations, broken down by high-school track, alongside available data on educational transitions and attainment. A more detailed discussion of these patterns can be found in Appendix section D.

For high-track students, the expectation to complete MBO aligns closely with the share of students that transition from the high-track to MBO. Students expect to complete HBO at a slightly higher rate than actual transitions. However, we lack attainment data for these students, and it is likely that some WO students switch to HBO. Among medium-track students, the share expecting to complete WO and MBO closely matches historical attainment rates of students from their track. In the low-track, students tend to expect more selective education levels at a slightly elevated rate compared to attainment data. This discrepancy could be attributed to the fact that the attainment data reflects cohorts that completed high school between 2004 and 2007, a period when fewer students transitioned to more selective education levels. Overall, students' expectations generally align with observed rates of educational transitions and attainment.

[25] Adding dummy variables for each track could obscure the heterogeneity in how high-school track relates to other covariates, including parental education, exit scores and self-efficacy

Table 1: Comparison of Educational Expectations

		Flows Graduation		OCW Data	Expectations	
School-track	Future	NL	Limburg	NL	Students	Parents
High-Track	WO	87.618	84.923		79.095	55.313
High-Track	HBO	12.222	14.915		20.560	42.731
High-Track	MBO	0.161	0.161		0.345	1.956
Medium-Track	WO			14.700	15.478	3.522
Medium-Track	HBO	88.090	91.132	57.000	79.522	80.000
Medium-Track	High-Track	7.685	4.959	0.900		
Medium-Track	Medium-Track			21.900		
Medium-Track	MBO	4.225	3.909	5.500	5.000	16.478
Low-Track	WO			1.900	3.471	0.651
Low-Track	HBO			26.800	35.954	15.781
Low-Track	Medium-Track	15.822	12.351	5.400		
Low-Track	MBO	84.178	87.649	53.300	60.575	83.568
Low-Track	Low-track			12.400		

Sources: educational flows: Dienst Uitvoering Onderwijs (2022); attainment data: Ministerie van Onderwijs, Cultuur & Wetenschap (2017), Expectations: OML
Back to the dutch abbreviations: "High-Track" = VWO; "Medium-Track" = HAVO; "Low-Track" = VMBO GT

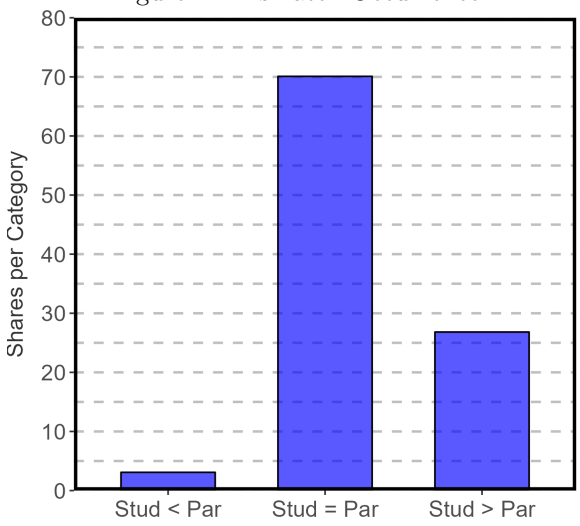
In contrast, parents tend to be more conservative in their educational expectations. For example, 2% of parents with high-track students expect their child to complete MBO, which is five times higher than the students' expectations and over ten times higher than the actual transition rate. Similarly, only 3.5% of parents with medium-track students expect their child to complete WO, compared to the historical attainment rate of 14.7%. In the low-track, only 15% of parents expect their child to complete HBO, even though 27% of previous cohorts achieved this level and 36% of current students expect to attain it. This suggests that parents are not (fully) accounting for the possibility of multiple educational transitions, such as moving from the low-track to the medium-track to enter HBO, or transitioning after completing MBO. The complexity of the Dutch educational system might influence these patterns.

4.1.2 Congruence

The previously observed patterns, where parents are generally more conservative in their educational attainment expectations than students, also contribute to the alignment and mismatch between these expectations. Figure 2 provides an overview of the frequency of congruence and mismatches in educational expectations between students and parents. Additionally, Appendix Figure E1 breaks this down by high-school track.

The figure shows that, on average, there is congruence in educational attainment expectations between students and parents in over two-thirds of cases. Additionally, 26.8% of students expect to complete a more selective education level than what their parents expect them to complete, while 3% expects a less selective

Figure 2: Mismatch Occurrence



Note: This Figure shows the share of student-parent pairs in each of the three outcome categories: the student expecting a less selective education level than their parents, congruence in educational expectations, and the student expecting to complete a more selective education level than their parent. Detailed numbers are available in Appendix Table E5.

education level. These patterns are consistent across the medium and high track. In the low-track, the rate of mismatches is slightly higher. Specifically, 28% of students expect to complete a more selective education level than their parents, compared to 26.8% overall, and 4.7% expect to complete a less selective level, rather than 3%.

Our findings contrast with other studies documenting (mis-)matches in educational expectations. For instance, Smyth (2020) reports high levels of congruence in Ireland (63%), with one-third of parents holding higher expectations than their children. In our data, most mismatches involve students expecting a more selective education level, which mirrors their findings. Similarly, Wang & Benner (2014) finds that in the US, only 48% of families exhibit congruence, with 29% of parents holding higher expectations and 23% of students expecting higher educational levels. Our results highlight that the low frequency at which students expect a less selective education level compared to their parents is unique in the literature.[26] These differences across studies reflect the substantial variation in educational expectation alignment across different education systems and student age groups.

4.1.3 Congruence by Students' Expectations

Next, we delve deeper into the potential consequences of mismatches in educational expectations by conditioning on the students' expectations. As previously discussed, the implication of these mismatches depend on whether there is a valid reason for the mismatch to exist. For instance, a low-track student whose parent expects them to complete WO might suggest parental pressure that could negatively affect student's academic performance. To identify such patterns, Figures J1 - J3 present the frequency of congruence and mismatch in educational expectations, categorized by the students' own expectations, for low-track, medium-track, and high-track students, respectively.

[26]This is equivalent to saying that the low rate at which parents expect their child to complete a more selective education level relative to their child's expectation is a unique finding.

In the low-track, when a student expects to complete MBO (expected by 60%; attained by 53%), 93% of parents reciprocate this expectation, with the remaining 7% expecting a more selective education level. If a student expects to complete HBO (expected by 36%; attained by 27%), only 29% of parents share this expectation, while 69% of parents expect a less selective education level. Lastly, when WO is expected (expected by 4%; attained by 2%), 97% of parents do not reciprocate.

In the medium-track, when a student expects to complete MBO (expected by 5%; attained by 5.5%), one-third of parents expect a more selective education level. Given a student's expectation of completing HBO (expected by 79%; attained by 57%), most parents (83%) reciprocate, 1.3% expect a more selective level and 15.4% of parents expect their child to complete MBO instead. Upward transitions to WO (expected by 15%; attained by 14.7%) are reciprocated by 15% of parents.

In the high-track, there are too few MBO expecting students to analyze. When a student expects to complete HBO (expected by 20%, transition 14.5%), 85% of parents share this expectation, 10% expect a more selective education level (WO) and 5% expect a less selective level (MBO). Lastly, expecting to complete WO (expect: 79%; transition: 85%) is reciprocated by two-thirds of parents with the remaining one-third, by definition, consisting of parents expecting a less selective education level.

4.1.4 Short-run Expectations

Lastly, we investigate the school-track expectations of students and parents, as well as their alignment. As discussed in section 3, these expectations are consistent with their attainment expectation and indicative of the expected educational pathway. Table I3 presents an overview of these expectations. Unfortunately, there is no available data on movements between high-school tracks, and Table 1 only reflects cases where students complete their current track without making a downward transition.

Starting in the high-track, while 91% of students expect to complete their current high-school track, only 84% of parents share this view. Notably, 8.8% of high-track students expect to move to the medium-track, a figure that doubles to 16.3% for parents. In the medium-track 4% of students expect to transition to the low-track, which is doubled for their parents. Conversely, 7.6% of medium-track students expect to transition to the high-track, closely aligning with the Dutch average of 7.5%, yet only 2.6% of parents expect their child to make this upward transition. In the low-track, 19% of students expect to transition to the medium-track, while only 11% of parents expect this transition, compared to an actual transition rate of 15.8%.

These discrepancies contribute to mismatches in educational expectations between students and parents. As shown in Table I1, 10% of students expect a more selective high-school track than their parents, while 3% expect a less selective high-school track. The overall rate of congruence is slightly higher than before, at 87%, but this is expected as transitions between high-school tracks are less frequent (and structured) than transitions into further education. These patterns remain consistent across high-school tracks, as illustrated in Figure I2 and detailed in Table I9.

4.2 Results by Parental Background

4.2.1 Individual Expectations

First, we investigate students' educational attainment expectations by parental background. Descriptive statistics, based on the classification used in the regression analysis, are presented in Figures 3 and 4, showing the expectation to complete HBO over higher-education, and HBO over WO, respectively. The corresponding regression results, based on model 1, are presented in Panel A of Table 2.

Figure 3: Share MBO over Higher Education

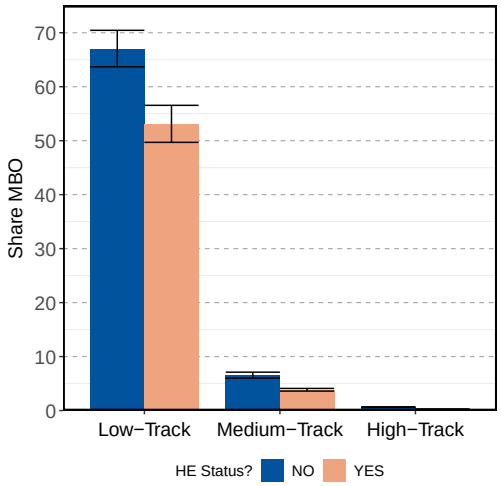
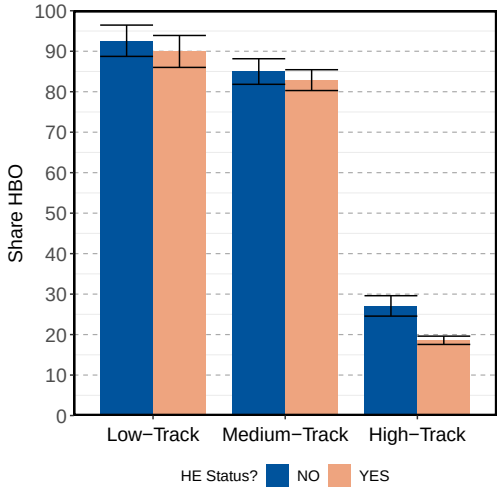


Figure 4: Share HBO over WO



Note: Figure 3 shows the share of students, by parental education, i.e. whether at least one of the parents completed higher education (HBO or WO), that expects to complete MBO over higher education. Figure 4 repeats this for the expectation of completing HBO over WO, conditional on expecting higher education. Tables E1 and E2 provide the data used to create these figures. The confidence intervals depicted in both figures are at the 95% level.

Figure 3 indicates that low- and medium-track students with at least one higher-educated parent are less likely to expect to complete MBO, signaling their intent to pursue higher education. Regression results confirm a negative association between parental education and the likelihood of expecting to complete MBO among these students. Specifically, the proportion of low-track students expecting to complete MBO decreases by 11 percentage points, ceteris paribus, if they have a higher-educated parent, representing a 17% reduction in predicted probabilities.[27] In the medium-track, having a higher-educated parent is associated with a 2.9 percentage point reduction in the share of students expecting to complete MBO, which is a 45% reduction.

This relationship is comparable to a three-standard-deviation increase in exit-test score performance.[28] Comparing the pre-normalized distribution of exit-test scores in Figure B3, we observe that this increase is enough for a student to qualify for a more selective high-school track. Additionally, this effect is equivalent to a one-standard-deviation increase in self-efficacy for low-track students and a 0.7-standard-deviation increase for medium-track students, which is a critical determinant of educational outcomes.

[27] Dividing a reduction of 11.27 percentage points by the original likelihood of 65.8% yields a reduction of 17%.

[28] Appendix Table F1 presents an overview of other control variables affecting students' educational expectations. Dividing the coefficient of parental education by that of students' self-efficacy beliefs, $\frac{-0.1127}{-0.0321} = 3.5$ for low-track students and $\frac{-0.031}{-0.0097} = 3.2$ for medium-track students, gives the number of standard deviation increases in exit-test scores required to overcome the absence of a higher-educated parent.

Table 2: Results by Parental Background

	Coeff.HE	Se.HE	Pred.HE=0	Pred.HE=1	R^2
Panel A: Students' Expectation					
i) outcome: Expects to complete MBO					
Low-Track	−0.1137***	0.0227	0.6584	0.5446	0.1687
Medium-Track	−0.0296**	0.0140	0.0681	0.0385	0.0818
High-Track	−0.0018	0.0041	0.0048	0.0030	0.0162
ii) outcome: Expects to complete HBO					
Low-Track	−0.0134	0.0312	0.9194	0.9059	0.1105
Medium-Track	−0.0290*	0.0165	0.8550	0.8260	0.0842
High-Track	−0.0482**	0.0223	0.2428	0.1945	0.1724
Panel B: Parents' Expectation					
i) outcome: Expects child complete MBO					
Low-Track	−0.0907***	0.0193	0.8777	0.7869	0.1040
Medium-Track	−0.0634***	0.0151	0.2037	0.1403	0.0960
High-Track	−0.0164**	0.0078	0.0320	0.0155	0.0731
ii) outcome: Expects child complete HBO					
Low-Track	0.0415	0.0277	0.9344	0.9760	0.2086
Medium-Track	−0.0151	0.0107	0.9674	0.9522	0.0462
High-Track	−0.1043***	0.0255	0.5152	0.4109	0.1801
Panel C: Mismatch					
i) outcome: Stud > Par					
Low-Track	0.0536**	0.0241	0.2593	0.3129	0.0971
Medium-Track	−0.0185	0.0191	0.2657	0.2471	0.0430
High-Track	−0.0570***	0.0192	0.3120	0.2550	0.0610
ii) outcome: Par > Stud					
Low-Track	0.0204*	0.0113	0.0371	0.0575	0.0467
Medium-Track	0.0000	0.0097	0.0269	0.0269	0.0369
High-Track	0.0098	0.0083	0.0159	0.0258	0.0240

Significance levels: *p<0.1; **p<0.05; ***p<0.01

All analyses are linear probability models. Coefficient of interest ("Coeff.HE") depicted here is whether, at least, one of the parents completed higher education (HBO & WO).

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Complete results can be found in F1, F2 & F3, which present the expectations of students, the expectations of parents, and the congruence between them, respectively.

Panel A.I: Dummy indicating that the student expects to complete an MBO over Higher Education (MBO & WO).

Panel A.II: Dummy indicating that the student expects to complete an HBO over WO, conditionally on expecting higher education.

Panel B.I: Dummy indicating that the parent expects their child to complete an MBO over Higher Education.

Panel B.II: Dummy indicating that the parent expects their child to complete an HBO over WO, conditionally on expecting higher education.

Panel C.I : "Stud >Par": Dummy indicating that the student expects to complete a more selective education level compared to their parent.

Panel C.II: "Stud <Par": Dummy indicating that the student expects to complete a less selective education level compared to their parent.

For the expectation of completing HBO over WO, Figure 4 shows that having a higher-educated parent is associated with a reduction in the share of high-track students expecting to complete HBO. Specifically, high-track students with a higher-educated parent are 4.8 percentage points less likely to expect to complete HBO over WO, equating to a 20% reduction. Although the figure does not show a significant association for medium-track students, regression results indicate that they are 2.9 percentage points less likely to expect HBO over WO when they have a higher-educated parent, representing a 3.5% reduction.[29]

For parents' expectations, we observe similar patterns, as shown in Figures 5 and 6, and in panel B of Table 2. Parents with a higher-education degree, or those with a higher-educated partner, are 9 percentage points less likely to expect that their low-track child will complete MBO, instead expecting higher-education, representing an 11.4% reduction. Similarly, the likelihood of expecting MBO for medium-track students drops by 6.3 percentage points, indicating a 31% reduction. These associations are again comparable to a three-standard-deviation increase in exit-test scores or a one-standard-deviation rise in the student's self-efficacy.

Figure 5: Share MBO over Higher Education

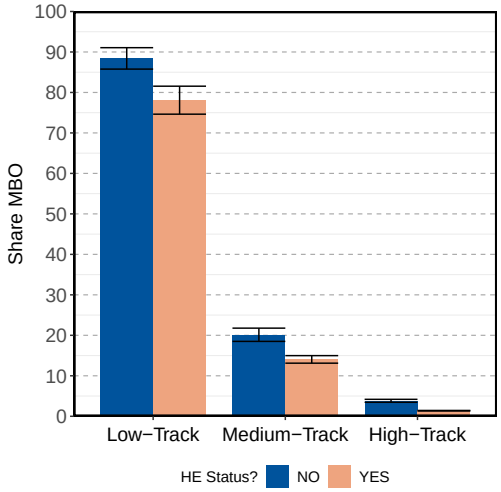
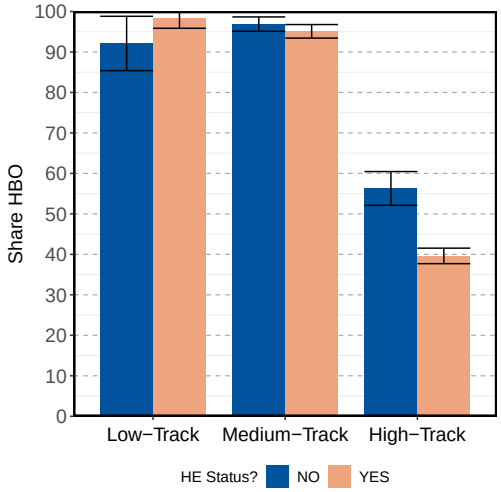


Figure 6: Share HBO over WO



Note: Figure 5 shows the share of parent, by whether they (or their partner) completed higher education (HBO or WO), that expects their child to complete MBO over higher education. Figure 6 repeats this for the expectation of completing HBO over WO, conditionally on expecting higher education. Tables E3 and E4 provide the data used to create these figures. The confidence intervals depicted in both figures are at the 95% level.

Additionally, there is a negative association between between the share of parents expecting their high-track child to complete MBO and their education level. Specifically, it reduces the share by 1.5 percentage points, implying a reduction by 50%. This result likely stems from parents expecting this less selective form of education more frequently compared to both students and data on educational transitions.

Contrary to students' expectations, we do not find a statistically significant association between parental education and their expectation of whether medium-track students will complete HBO over WO. However, higher-educated parents of high-track students are 10.8 percentage points less likely to expect their child to complete HBO over WO, a 21% decrease. This association is twice as large as for students, but similar in relative terms due to the higher baseline tendency among parents.

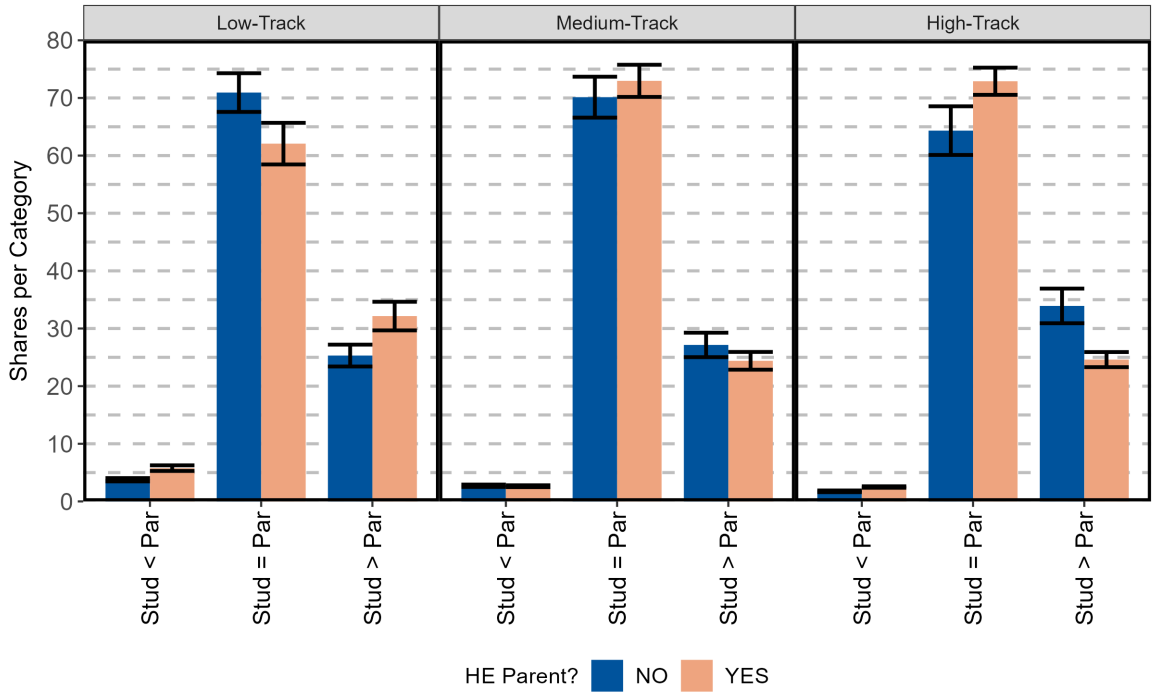
[29]This result is valid at the 10% significance level. The discrepancy may be due to variations in self-efficacy and exit-test scores by parental education, not accounted for in the descriptive analysis. Table C7 shows that these students have lower exit-test scores and self-efficacy beliefs, which influence educational expectations, as seen in Table F1.

For the other control variables, frequent discussions about school matters push parental expectations toward more selective education across all high-school tracks.[30] Lastly, despite parental education shifting their expectations towards more selective levels, they remain misaligned with actual rates of transition and attainment, as shown in Table D2.

4.2.2 Congruence

Next, we examine whether parental education influences the alignment and mismatches in educational attainment expectations between students and parents. Figure 7 provides a descriptive overview, while the corresponding regression results are presented in panel C of Table 2.

Figure 7: Mismatch Frequency by Parental Education & School-Track



Note: This figure shows the share of student-parent pairs in each of the three outcome categories: the student expecting a less selective education level than their parents, congruence in educational expectations, the student expecting to complete a more selective education level than their parent, by the high-school track of the student and whether, at least, one parent completed higher education. The confidence interval depicts the 95% level. Detailed numbers are available in Appendix Table Table E7.

In the medium track, there is no significant association between parental education and the frequency of (mis-)matches in educational expectations. This suggests that while parental education shapes both students' and parents' expectations, it does so to the same extent. Nonetheless, families with a higher-educated parent still tend to expect more selective educational level, their relative rate of congruence remains consistent.

However, in the low and high tracks, the presence of a higher-educated parent seems to structure the occurrence of mismatch. In the high-track, a higher-educated parent reduces the likelihood of the student expecting to complete a more selective education level than their parent by 5.4 percentage points, representing

[30] See Table F2, which shows that across all tracks, the share of parents expecting their child to complete MBO decreases. Similarly, for medium- and high-track students, parents are less likely to expect their child to complete HBO, instead expecting WO, when there are frequent discussions about home matters.

a 20% reduction in this form of mismatch. This reeducation can be attributed to individual expectations, where the higher-education status lowers the share of parents expecting HBO over WO by 10.8 percentage points, compared to only a 4.9 percentage points decrease for students. Since no correlation is found with the other mismatch category, this reduction is accompanied by an increase in congruence between students' and parents' expectations.

In the low-track, having a higher-educated parent increases the frequency of mismatches in educational expectations. Specifically, when a parent has completed higher-education, it is 2 percentage points more likely that the student expects to complete a less selective education level than the parent, resulting in a 50% increase in this form of mismatch. Conversely, these students are also 5.3 percentage points, or 20%, more likely to expect to complete a more selective education level than the parent. Comparing individual expectations, low-track students with a higher-educated parent were 11 percentage points less likely to expect to complete MBO, compared to 9 percentage points among parents. This difference may contribute to the increased likelihood of students expecting a more selective education level than their parents.

Investigating the other covariates, shown in Appendix Table F3, indicates that mismatches are less frequent among female students in the low and high tracks. Higher self-efficacy increases the likelihood that low- and medium-track students expect a more selective education level than their parents. It also reduces the cases where medium- and high-track students expect to complete a less selective level than their parents. Frequent discussions about school matters reduce the frequency at which students expect a more selective education level than their parents.[31] Frequent school discussions are primarily associated with a shift in parents' expectations toward more selective education, while self-efficacy had the same effect on low- and medium-track students, contributing to the observed patterns."

4.2.3 Congruence by Students' Expectations

Next, we explore when the previously observed patterns become more pronounced. Tables J7-J9 provide insights into the role of parental education in shaping mismatches, conditional on the students' expectations.[32]

In the low track, the increase in the share of students expecting to complete a less selective education level than their parents is concentrated among those expecting to complete MBO. Specifically, higher-educated parents are twice as likely to expect a more selective education level than non-higher educated parents. Additionally, these parents are also more likely to reciprocate their child's HBO expectation (23% vs 34%).

While no association was previously found in the medium-track, new results show that the share of parents expecting their child to complete MBO, despite the student expecting HBO, decreased by 35% when at least one parent has a higher-education degree.[33]

[31] These patterns are also reflected in the descriptive statistics in Appendix Tables C9-C12, which highlight the averages of these variables by (mis-)match outcome.

[32] Descriptive patterns can be found in Figures J4-J6.

[33] Calculation of this odds ratio yields: $1 - \exp^{-0.4276} = 0.347$.

In the high-track, the reduction in mismatches by parental background is primarily among students expecting to complete WO. Specifically, this share is reduced by 34% when one of the parents completed higher-education.[34]. Additionally, when students expect HBO, the share of parents expecting WO doubles.[35]

4.2.4 Short-run Expectations

The influence of parental education also extends to the school-track expectations. Results for students' expectations can be found in Table I12. Students in the low-track with a higher-educated parent are 10 percentage points more likely to expect to transition to a more selective high-school track, representing a 70% increase compared to students without a higher-educated parent. Similarly, medium-track students are 4.17 percentage points more likely to expect an upward transition, an 86% increase. In the high-track, students are 2.9 percentage points less likely to expect to make a downward transition, a reduction of 22%.

The first two patterns are also reflected in parents' school-track expectations, shown in I13. Higher-educated parents of low-track students are 5.7 percentage points more likely to expect an upward transition (71% increase) and of medium-track students 2.5 percentage points (250% increase). No further significant associations are found.

Regarding the alignment of educational expectations, Table I11 suggests that low- and medium-track students are more likely to expect to complete a more selective high-school track than their parents, when at least one parent has completed higher education. The previous patterns indicate that the absolute effect sizes were larger for students than parents, driving this finding.

We want to further highlight the heterogeneity in parental education. Namely, WO educated parents may be more aware of possible educational transitions and are more likely to have experienced the high-track themselves, enabling them to better assess their child's capabilities and provide additional guidance. As shown in Table I18, low- and medium-track students are more likely to expect an upward educational transition as the level of parental education becomes more selective (MBO, HBO, WO). This clear distinction is also reflected in parents' expectations, as seen in Table I19. Additionally, the occurrence of mismatches indicates that the share of low- and medium-track students expecting a more selective high-school track than their parents increases steadily with higher levels of parental education, as highlighted in Table I17.

4.2.5 Robustness

Next, we present several robustness checks. Table 3 outlines the rationale for these analysis, provides a summary of the findings, and includes references for more detailed discussions.

[34]Calculation of this odds ratio yields: $1 - \exp^{-0.4123} = 0.337$. Descriptive: 43.6% when no higher-educated parent and 29.5% with.

[35]Regression coefficient of 0.9661 in multinomial logit specification, descriptive statistics: 5.29% without higher educated parent and 12.02% with higher-educated parent.

First, various model specifications, including logistic and multinomial models, confirm the previous findings. he multinomial model also reveals an association between parental education and HBO expectations for low- and medium-track students. Additionally, an alternative mismatch specification suggests that our results for low-track students may be understated.

Second, most patterns show minor variability over time. Notably, mismatches were less common in 2020 among medium and high-track students, driven by an increased share of students expecting to complete HBO (over WO).[36] Students' expectations appear more influenced by their math test performance, while parents consider both math and language scores. Having an older sibling does not influence educational expectations.

Lastly, we implemented Oster (2019) method to quantify the potential threat of omitted variable bias. For students, most results remain robust at an R^2-max of 1.3 and up to 2 times the original, with the exception of high-track students with higher-educated parents, who are less likely to expect to complete HBO over WO. Nonetheless, the delta is 0.976, so close to 1, at 2 times the R^2-max. The findings for parental expectations and mismatches are all robust at an R^2-max of 1.3 and 2. In conclusion, the various robustness checks suggest that our findings are robust and conservative in their stated associations.

4.2.6 Heterogeneity

Similar to the robustness analysis, an overview of various heterogeneity analyses can be found in Table 4. First, parents tend to expect more selective education levels for female children compared to males. Consequently, mismatches in educational expectations are less common for females. However, this effect, particularly regarding parents' HBO expectation, is not observed when the parent has completed higher-education.

Second, students' expectations shift more strongly when both parents have completed higher-education. The mismatches in the high-track appear to be driven by families in which both parents completed higher-education. In the low-track, students expecting a more selective education level than their parents come from families where the mother has a higher education degree.

Third, the level of tertiary education completed by parents reveals substantial heterogeneity. For both students' and parents' MBO expectation, there is no significant difference between parents who completed HBO or WO; both reduce the share of students or parents expecting to complete MBO. Conversely, HBO-education does not significantly influence the HBO (over WO) expectations of students and parents, compared to no completion of higher-education, signaling the influence WO educated parents have in this process. Accordingly, the mismatch patterns exhibit strong monotonicity with increasing levels of parental education.

Lastly, higher previous performance is associated with a reduction in the share of high-track students, and their parents, expecting HBO. No significant interaction terms were found. Being in a more selective high-school track than the school-advice is associated with fewer mismatches in the medium-track.

[36] The uncertainty around the COVID-19 pandemic, and the reduction in contact with teachers and peers, may contribute to these patterns.

Table 3: Robustness Analysis: Overview

Robustness Analysis	Reason for Implementation	Overview of Results	Further Information	
Model Specification				
Logit	Fitted Values	Students & Parents: -	Section:	G.1
	Binary Data	Mismatch: -	Tables:	G3-G2
Multinomial-	Imposed Data Structure	Students & Mismatch: -	Section:	G.2
Logit	Sample Size Estimation	Parents: HE $\rightarrow$ low-track: 'HBO' $\uparrow$ & medium-track: 'HBO' $\downarrow$ ($\alpha = 0.1$)	Tables:	G8-G6
Mismatch-	Over/Under-	Low-track: HE $\rightarrow$ 'Stud > Par' $\uparrow\uparrow$ & Stud <Par' $\uparrow\uparrow$	Section:	G.3
Specification[a]	Estimation	Medium & High-Track: -	Table:	G9
Control Variables				
Year Dummies	Economic Fluctuations	Students: Medium & High-Track $\rightarrow$ 'HBO' $\uparrow$ 2020 & 2022	Section:	G.4
	Labor Market Conditions	Mismatch: 'Stud > Par' $\downarrow$ 2020 & 2022 (Medium-Track)/ $\downarrow$ 2020 (High-Track)	Tables:	F6-F5
	Social Norms	Mismatch: Medium-Track $\rightarrow$ 'Stud < Par' $\downarrow$ 2020	Descr.:	Figure G3
9^{th} Grade Tests[b]	Recent Ability Proxies	Students: Mathscore $\rightarrow$ 'HBO' Low-track $\uparrow$ & Medium/High-track 'HBO' $\downarrow$	Section:	G.5
	Identify different domains	Parents: Mathschore $\rightarrow$ 'MBO' Low-Track $\downarrow$ & 'HBO' High-track $\downarrow$	Tables:	G12-G11
		Parents: Language $\rightarrow$ 'HBO' High-track $\downarrow$		
Older Sibling	Role-model	Parents: older-sibling $\rightarrow$ Medium-track 'MBO' $\downarrow$ ($\alpha = 0.1$)	Section:	G.6
	Belief-updating	Mismatch: Findings insignificant due to sample size	Tables:	G18-G17
	Parental Knowledge	Mismatch: older-sibling & HE $\rightarrow$ Medium-Track 'Stud > Par' $\downarrow$ ($\alpha = 0.1$)		
Other Checks:				
Oster Analysis	Potential of	Students: High-track HBO only at 1.3 ($\delta = 0.976$), rest at 1.3 & 2 times	Section:	G.7
	Omitted Variables Bias	Mismatch & Parents: Robust at 1.3 & 2 times original R^2	Tables:	G24-G23

Reading guide: Students: refers to the attainment expectations of student, with MBO indicating the expectation to complete MBO over higher education (HBO or WO) and HBO indicating the expectation to complete HBO over WO; Parents: refers to their attainment expectations for their child, similar to students; Mismatch: refers to the mismatch outcome analysis. Single arrows ($\uparrow$ & $\downarrow$) denote additional findings, while double arrows ($\uparrow\uparrow$ & $\downarrow\downarrow$) indicate a increase in the size of the estimate. A horizontal bar ($-$) highlights no change compared to previous results.

Note[a]: Previously, we compared students who expect to complete a more selective education level relative to their parents to those who have an identical or less selective educational expectation. This approach excludes the opposing group, in this example, students who expect a less selective education level than their parents.

Note[b]: This includes a mathematics and language test. Data hereof is not available for all students, leading to a reduced sample size. Tables Tables G13-G15 repeat the original analysis on this sample.

Table 4: Heterogeneity Analysis: Overview

Robustness Analysis	Reason for Implementation	Overview of Results	Further Information	
Gender				
Gender	Existence of a	Students: -	Section:	H.1
	Gender Gap	Parents: Medium-track → MBO ↓ & High-track → MBO and HBO ↓	Tables:	F6-F5
		Mismatch: Low-track → 'Stud < Par' ↓ & High-track 'Stud > Par' ↓		
Gender & HE	Role-Model	Students: High-track → Female: MBO ↓ & Female*HE: MBO ↑	Section:	H.1
Interaction	Gender-norms	Parents: Medium-track → HBO Female: HBO ↓ & Female*HE: HBO ↑ Mismatch: -	Tables:	H3-H2
Cultural Capital				
Number of HE	Role-Models	Students: stronger shifts with 2 HE-parents, often one still positive result	Section:	H.3
Educated Parent	Assortative-Mating	Parents: MBO → either is fine & HBO need 2 HE-parents	Tables:	H8 -H7
and Whom	Transmission of Capital	Mismatch: Low-track → 'Stud > Par' only with HE-mother		
		Mismatch: High-track → 'Stud > Par' only with 2 HE-parents		
Exact level of	Information Sets	Students: MBO → both & HBO → only WO	Section:	H.4
tertiary education	Cultural Capital	Parents: MBO → both & HBO → only WO	Tables:	H16 - H15
completed	Social Norms	Mismatch: Low-track & Medium-track → WO > HBO > 0	Descr.:	H13 - H12
Belief Updating				
Previous Performance[a]	Belief Updating	Students & Parents: High-Track HBO ↓ & Exit-score × HE → −	Section:	H.5.1
	Signaling Ability	Mismatch: Low-track 'Stud > Par' ↑ & 'Stud < Par' ↓; Exit-score × HE −	Tables:	H19 - H18
Track Changes[b]	Demonstrated Ability	Students & Parents: − Mismatch: Upward → medium-track 'Stud < Par' ↓	Section:	H.5.2
	Belief Updating		Tables:	H22-H21

Reading guide: Students: refers to the attainment expectations of student, with MBO indicating the expectation to complete MBO over higher education (HBO or WO) and HBO indicating the expectation to complete HBO over WO; Parents: refers to their attainment expectations for their child, similar to students; Mismatch: refers to the mismatch outcome analysis. Single arrows (↑ & ↓) denote additional findings, while double arrows (↑↑ & ↓↓) indicate a increase in the size of the estimate. A horizontal bar (−) highlights no change compared to previous results.

[a]: As measured with the exit-test score obtained in 6^{th} grade.

[b]: Herein we compare the current high-school track of the student with the school-track advice received at the end of 6^{th} grade.

5 Conclusion

In this paper, we investigated the educational expectations of students and their parents, focusing on their alignment and the factors that influence these expectations. Our findings show that students' expectations generally align with the educational trajectories and attainment patterns of previous parents. However, parents tend to have more conservative expectations, often expecting less selective forms of education for their children. This disparity is also reflected in the alignment between student and parental expectations. While over two-thirds of students share their parents' educational expectations, 27% of students expect to complete a more selective education level, and 3% expect a less selective level.

These patterns extend beyond attainment expectations to include school-track expectations, with these expectations being consistent with their attainment expectations, highlighting the early divergence in expected educational pathways. The misalignment in educational expectations persists even when students anticipate transitions typically associated with their high-school track, suggesting a lack of parental support. Notably, these patterns remain consistent across different cohorts, underscoring the persistence of this phenomenon in influencing educational outcomes.

Parental education significantly influences both student and parental expectations, as well as their alignment. We find that when at least one parent has completed higher education, both students and parents are more likely to expect more selective educational pathways. Nevertheless, even higher-educated parents tend to be conservative when compared to actual transition and attainment data, potentially reflecting a lack of information about the potential educational pathways and their success rates. While mismatches between student and parental expectations decrease in the high-track, they increase for students in the low-track, underscoring the heterogeneous influence of parental education.

These findings point to the need for more research on how educational expectations are formed and aligned within families. In particular, these factors could help students make choices that align with their preferences and capabilities, thereby improving their labor market outcomes. Additionally, a deeper understanding of these patterns can aid policymakers and schools in identifying students at risk of not reaching their educational potential. This concern is also related to intergenerational inequality, which is often marked by poorer labor market outcomes and fewer (selective) college applications among students whose parents did not complete higher education.

Our results suggest that target interventions aimed at parents, beyond investigating the students' pecuniary and non-pecuniary beliefs, would be a valuable addition to the literature. Particularly, providing information about the potential educational pathways and their frequency could help bridge the gap between student and parental educational expectations. The persistence of parental conservatism, even among higher-educated parents, makes it crucial to address the role of parents in shaping their children's educational trajectories, as they directly and indirectly influence their outcomes.

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A Variables

Table A1: Description of Dependent Variables

Variable name	Variable Type	Description
Studexp	Categorical	Categorical variable used in the graphs / analysis pertaining to the educational attainment expectation of the student. The categories include: MBO (vocational training), HBO (vocational university) & WO (academic university)
Parexp	Categorical	Categorical variable used in the graphs / analysis pertaining to the educational attainment expectation of the parent for their child. The categories include: MBO (vocational training), HBO (vocational university) & WO (academic university)
Ambitious	Categorical	Categorical variable used in the graphs / analysis, which described whether the parent and child have identical expectations or whether either the student or the parent holds a higher expectation.
Student_MBO	Discrete {0,1}	Dummy indicating whether the student expects to complete MBO as their final educational attainment level, contrary to higher education, which include HBO (vocational university) and WO (academic university)
student_HBO	Discrete {0,1}	Dummy indicating whether the student expects to complete an HBO degree (Vocational University) rather than WO (Academic University) when expecting to obtain a higher education degree (HBO & WO).
Parent_MBO	Discrete {0,1}	Dummy indicating whether the parent expects their child to complete MBO as final educational attainment level, contrary to higher education, which include HBO (vocational university) and WO (academic university)
student_HBO	Discrete {0,1}	Dummy indicating whether the parent expects their child to complete an HBO degree (Vocational University) rather than WO (Academic University) when expecting to obtain a higher education degree (HBO & WO).
amb_student	Discrete {0,1}	Dummy indicating whether the student expects to complete a more selective form of further education than the parent: 1 = if higher, 0 = if identical / parent higher
amb_parent	Discrete {0,1}	Dummy indicating whether the student expect to complete a less selective form of further education than the parent: 1 = if lower, 0 = if identical / parent lower

Table A2: Description of Variable of Interest

Variable name	Variable Type	Description
HE	Discrete{0,1}	Dummy indicating whether, at least, one of the parents completed higher education (WO& HBO)
HE_FAT	Discrete {0,1}	Dummy indicating whether the father of the student completed higher education (WO & HBO)
HE_MOT	Discrete {0,1}	Dummy indicating whether the mother of the student completed higher education (WO & HBO)
HE_012	Discrete {0,1,2}	Variable indicating the number of parents in the household that completed higher education, 0 = neither, 1 = one of the parents & 2 = both parents completed higher education
HE_exact	Categorical	Variable indicating the exact level of tertiary education completed by the parent(s) that completed the most selective form of education. Options include MBO (and ISCED alternatives such as a high-school degree), HBO (vocational university) and WO (academic university)

Table A3: Description of Control Variables

Variable name	Variable Type	Description
Age	Continuous (13.59-17.42)	Age of the student in years + fractions for number of days
Female	Discrete {0,1}	Dummy equal to 1 if the student is female, 0 for male.
Self-Efficacy	Continuous	Factor analysis (PCA) on the variables that relate to perceived school-abilities of the student, which are described in tables A4 & A5, normalized by high-school track
Exit-Score	Continuous	Aggregated index of the normalized outcome for each of the different primary school exit-test, i.e. CITO-test, IEP & ROute-8. This is normalized per high-school track
Income	Categorical {1,2,3,4}	Categorical variable indicating the income quartile of the child's parents, with an additional category for if they filled in the survey but did not provide their income bracket
Maternal_emp	Categorical {0,1,2}	0 = does not work, 1 = part-time work & 2 = full time work
Help-Homework	Likert {1-5}	Me/My partner help our child with homework 1 = never, 2 = seldom, 3 = neutral, 4 = regularly, 5 = heaps
Talks about School	Likert {1-5}	Me/My partner talk with our child about what happens at school 1 = never, 2 = seldom, 3 = neutral, 4 = regularly, 5 = heaps
year_vo3ad	Categorical	Categorical variable indicating the collection wave to which the student belongs (2014-16-18-20-22)
Locid_vo3ad	Categorical	Identification code for the (high) school of the student

Table A4: Description of the Variables included in Self-Efficacy: Till 2020

Variable name	Variable Type	Description
schoolvertr1_vo3lv	Likert 1-5	I am sure that this year all goes well in school
schoolvertr2_vo3lv	Likert 1-5	Even the hardest assignments in school I can do, when I try my best
schoolvertr3_vo3lv	Likert 1-5	I can do all schoolwork if I have enough time
schoolvertr4_vo3lv	Likert 1-5	I can do almost anything in school, as long as I keep trying
schoolvertr5_vo3lv	Likert 1-5	I can also master difficult things in school
schoolvertr6_vo3lv	Likert 1-5	I am sure that I succeed at even the hardest tasks in school
Cronbach-Alpha:	0.857	

Table A5: Description of the Variables included in Self-Efficacy: 2022

Variable name	Variable Type	Description
schoolvertr2_vo3lv	Likert 1-5	Even the hardest assignments in school I can do, when I try my best
schoolvertr3_vo3lv	Likert 1-5	I can do all schoolwork if I have enough time
schoolvertr4_vo3lv	Likert 1-5	I can do almost anything in school, as long as I keep trying
schoolvertr5_vo3lv	Likert 1-5	I can also master difficult things in school
schoolvertr6_vo3lv	Likert 1-5	I am sure that I succeed at even the hardest tasks in school
Cronbach-Alpha:	0.836	

B Education System

B.1 Explanation

Education in the Dutch education system starts at the age of four with two years of kindergarten,[37] followed by six years of primary education. This is concluded with a centralized exit test, most frequently the Cito-exit test,[38] but route8 and IEP are also widely implemented in recent years. This early stratification, at 6^{th} grade (age 12) is a defining characteristic of the Dutch educational system. Figure 1 presents an overview of the system.

VWO is the most selective among the three available high-school tracks, reserved for the top 20% of students. This could be further subdivided into a more classic Gymnasium, which teaches Greek & Latin, as well as Atheneum. However, this distinction is irrelevant in our setting, as all other courses, i.e. besides Greek & Latin, are thought at the same difficulty levels, where both groups of students take the same classes and exams. Duration of this track is six years, from 7^{th} grade till 12^{th} grade. Orientation towards tertiary education starts at 9^{th} grade (age 15). Namely, students must choose a specialization track, either focused on science or humanities. Similar to other educational system, this choice determines whether one satisfies the entry requirement for certain bachelor studies. Accordingly, this choice directly relates to one's future educational opportunities.[39] Therefore, a process of orientation, together with the school and parents precedes this choice.

After completion of VWO, most students continue at WO, which is an academic university. More precisely, this is chosen by 88.1% of students (Dienst Uitvoering Onderwijs, 2022). Alternatively, they can attend HBO, a vocational university, which is the preferred choice of 11.7% of students. Both of these constitute forms of higher education and are classified the same in the ISCED list. However, as explained in section 2.1, the pecuniary and non-pecuniary consequences differ substantially between them. Lastly, a small fraction, 0.14% enrolls in MBO, which is equivalent to vocational training.[40]

Associate degrees, although relevant in certain contexts and having a potential influence on the role that the parents play in higher education (see e.g., Toutkoushian et al., 2021), are not (yet) popular in the Netherlands, accounting for less than 5% of all tertiary education enrollments (Centraal Bureau voor de Statistiek, 2022a). Additionally, this choice is often made by individuals who are already employed in the workforce, not by high-school students deciding upon their next educational option. Therefore, we do not consider the role of associate degrees within our setting.

[37] Education is compulsory between the age of 5 till 16 (conditional on acquiring a minimum level of education set by the government); however, over 95% of students start at the age of four.

[38] Named after the test institute that is responsible for designing the test.

[39] The major choice, i.e., either humanities or science, is also related to the educational flows. For instance, medium-track science students, on average, transfer to the high-track at a rate of 11.9%, while this is only 6.5% for their humanities counterparts. Therefore, it is suggests a trend towards WO over HBO. Similarly, high-track science students are more likely to choose WO compared to their humanities colleagues (89.2% vs. 86.5%).

[40] ISCED 3 or 4 depending on the course taken by students.

One more distinction between HBO and WO education are differences in their aims and teaching styles, which makes a HBO degree a potential option for students deciding between HBO and WO. Namely, HBO education has a more hands-on approach in teaching, combining theoretical concepts and practice with mandatory internships as part of the degree. Accordingly, they set one up for a specific (set of) job(s) to be taken. On the contrary, WO education teaches a wider variety of skills, with less individual guidance and feedback compared to HBO. Therefore, the students' aim and mentality (/personality) might be a better fit for either of the two educational options.

HAVO is less restrictive in terms of exit test scores. In general, students that belong to the top 45%, but not the top 20%, are meant to attend this level. Akin to VWO, students choose a specialization track in 9^{th} grade. This education level only takes five years to complete, up to and including 11^{th} grade. Accordingly, students lack certain skills and knowledge. Consequently, direct access to WO education is not possible for these students. Instead, 87.4% of HAVO students enter HBO.

Access to WO, although indirectly, is possible for HAVO students. The fastest method is to obtain what is called a "HBO-propadeuse", which is a one-year HBO spell which grants students direct access to WO studies relating to the field of HBO studies performed. Similarly, certain WO bachelor & master courses are accessible with a HBO degree, with or without the need for a pre-master. Alternatively, one can transition from the 11^{th} grade of HAVO to the 11^{th} grade of VWO. This option is exercised by 8.7% of the students. Lastly, a minority of 4% decide to enroll in MBO, leaving higher education.

Similar to many other Continental European countries, tertiary education is not associated with significant financial challenger. In the Netherlands, all institutes of higher education (HBO & WO) charge the maximum institutionalized tuition fee of 2000 euros per academic year. This amount is only half for students in their first year, enabling them to switch courses when the current study is not to their liking. The fee is lower for studying at MBO, set at 1357 instead. Accordingly, the tuition fee represents only 19% of the direct costs of education (Sá et al., 2004). Moreover, public transport is free for students, and most institutes are accessible by public transport, i.e. there is an institute nearby that teaches at either MBO, HBO or WO level. [41] This has been available since the 1990s, and do structure the total direct costs of education, where students living at home spent, on average, 577 euro a month (6294 a year, almost 25% spent on tuition fees), while those living outside spent 1082 a month (12984 a year, 15% spent on tuition fees) (van der Werf et al., 2017). Besides this, children whose parents are not well-off receive unconditional government grants to subsidize for living expenses. Lastly, the government offers long-maturity loans with a low-interest rate.

The data also supports this claim. Firstly, over 90% of HAVO & VWO students continue into tertiary education within two years after completing high-school. Secondly, a recent change in the funding structure, which eliminated part of the universal government grants in favor of a more adaptive system based upon parental income, did not lead to a change in enrollment, independent of parental income (Bolhaar et al., 2023). Interestingly, Dutch students are aware that the financial returns increase along the selectivity of the chosen career path and the wage profile during the life cycle (Mazza & Hartog, 2011). Besides, a field

[41] Public transport is free, however, only under the condition that students pass / finish their degree.

experiment providing Dutch students with information about the financial aid possibilities has shown that uptake of financial aid is not due to a lack of information on the side of students (Booij et al., 2012).

These characteristics are very different from other settings, particularly to the Anglo-American perspective, in which high-tuition fees are commonplace. Moreover, in these settings they find that providing students information about expected college-returns increases the enrollment of students, particularly for students from lower socio-economic backgrounds (Bleemer & Zafar, 2018). The role of pecuniary matters have been further investigates of works from Lergetporer et al. (2021), Peter & Zambre (2017) and Peter et al. (2021) (Germany) and Boneva et al. (2022) (UK). However, the extent to which providing additional information and aid might solve these disparities is disputed (Dynarski et al., 2023a). Moreover, contrary to the setting of the US, the returns to college education by parental education do not vary in the Netherlands (Forster et al., 2021). Additionally, students tend to be aware of the returns to higher education (Mazza & Hartog, 2011). Besides, even when the costs of college and access to resources are equalized, non-financial barriers related to parental education continue to sustain inequalities (Dynarski et al., 2023b). Accordingly, the extent to which non-pecuniary factors determine patterns of educational inequality by parental education within our setting is disputed.

The last high-school track is VMBO, which is accessible for all students irrespective of their exit-test score. Figure B3 provides an overview of the standardized exit-test score of student by their current high-school track, which suggests that students in this track do have lower exit-test scores compared to their peers. This track only takes four years to complete. In practice, this track is further subdivided into four separate high-school tracks. Flexibility among these is possible within the first two years of high-school, whereas a final choice (or by advice of the school) is made at the end of 8^{th} grade.

This choice further determines the educational options available to the students. The two practically oriented tracks, "vmbo-b" & "vmbo-k", prepares students for an apprenticeship of sorts (MBO 1-2-3). On the contrary, the theoretically oriented tracks, "vmbo-g" & "vmbo-t", with "vmbo-g" having a mixture of practical & theoretical courses and "vmbo-t" students having a theoretical curriculum, enable different educational pathways.

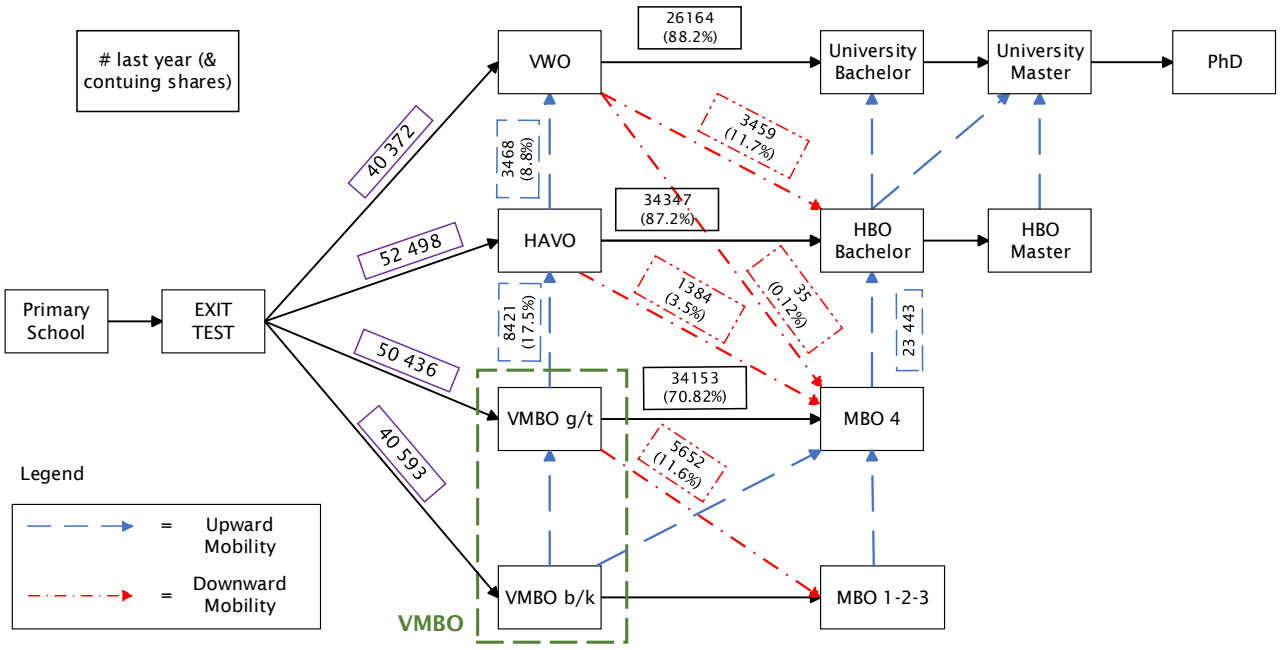
Namely, the practically oriented students lack access to the "medium-track" of secondary school, nor does their continuation level (MBO 1-2-3) provide access to HBO (vocational training). The theoretically schooled students do have access to the medium-track after their high-school spell and MBO-4 courses,[42] which has an overlap in skills to HBO, paving their way to continue at that level. Attainment data confirms this, with only 6% of practically schooled VMBO students making it to higher education, which is 35% for their theoretical educated peers Centraal Bureau voor de Statistiek (2016).

[42] "VMBO-K" students have some limited access to MBO-4 courses, see Table B2 for their flows. However, this is often constrained by the courses that they have taken. Neither do many of these continue into higher education after their MBO-4 degree.

Therefore, in our analysis we do not consider the practically educated VMBO students, as their educational options are limited. Besides, although "VMBO-G" and "VMBO-T" are slightly different, in the official government statistics they are considered as one entity. Accordingly, we cannot determine whether the educational flows or attainment patterns differ between them. What we do know is that their expectations are slightly different, see Table B3, however, these differences are not as big as the gaps between "vmbo-k" & "vmbo-g/t" and "havo" & "vmbo-g/t". Nonetheless, results presented in Tables B4, B5 & B6, indicate that this distinction does matter for the expectations of parents and consequently the mismatch.

B.2 Educational Flows

Figure B1: Educational Flows: Netherlands

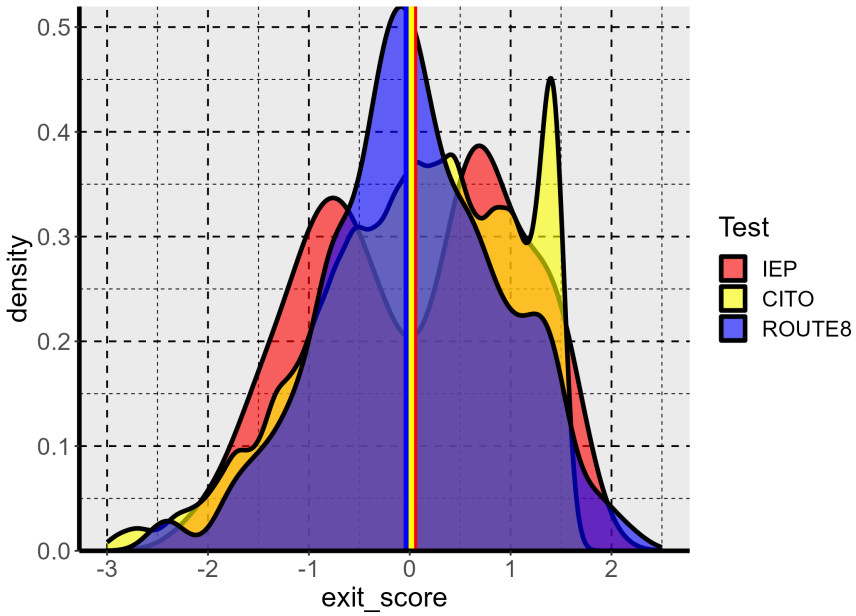


Source: Dienst Uitvoering Onderwijs (2022)

Note: The purple boxes refer to the number of graduates for each of the high-school tracks in the year of 2022. All flows, except the "MBO 4 - HBO Bachelor" flow correspond to the patterns of where graduated high-school students enrolled into in the year 2022, see also Table B2. The "MBO 4 - HBO Bachelor" flow comes from the enrollment into higher education, by previous education, document of DUO, which allows us to mark the students with a MBO background from the other inflows. Further data on movements within higher education is not publicly available, or does not make a distinction by previous education or nationality. In general, information on flows by parental education are not publicly available, nonetheless, Van den Broek et al. (2018) provides evidence of some of these flows.

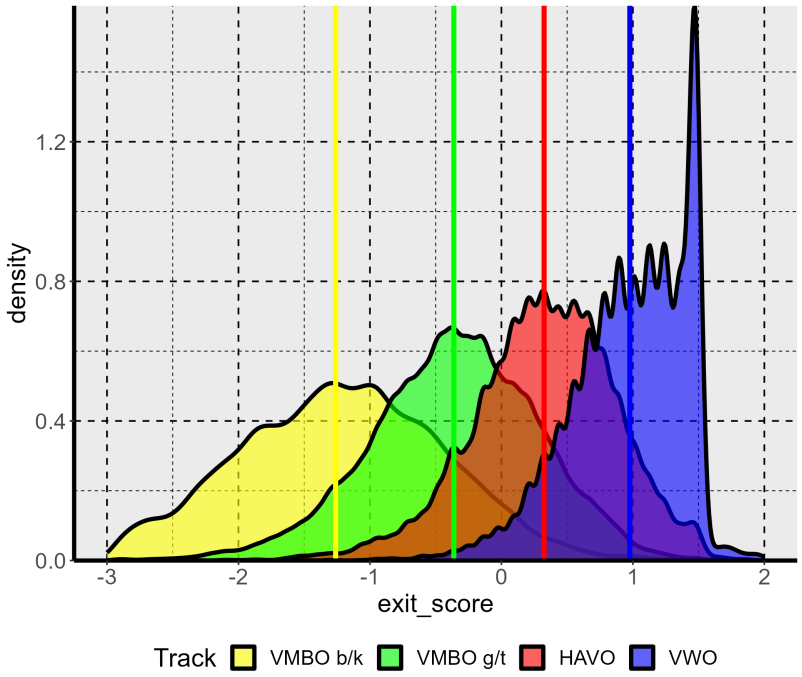
B.3 Further Information

Figure B2: Comparing Exit-Test Tests



Note: This figure compares the value of the exit-test variable per underlying test used in the construction of this variable. The vertical lines illustrate the mean per test, which is 0 due to the normalization of each exit test score, which is required to harmonize the different grading scales. The distribution of the tests are quite comparable in shape allowing for comparisons. The CITO test, which is made most often, shows a peak as illustrated around the 1.5 mark, which depicts the maximum score attainable at that test of 550.

Figure B3: Comparing Exit-Test Scores



Note: This figure compares the distribution of the exit-test scores of current 9^{th} graders by high-school track that they are currently in. The vertical lines indicate the averages per group. The average-test score increases per high-school track, from one-standard-deviation from vmbo bk to vmbo gt; and then approximately 0.7 standard deviation afterwards between the tracks. This differences matches with the proportion of students per high-school track.

Table B1: Crosstable Educ-PFGS

	no-HE	HE	Total
Low-Track	990 (53.69%)	854 (46.31%)	1844 (27.31%)
Medium-Track	888 (38.61%)	1412 (61.39%)	2300 (34.07%)
High-Track	635 (24.36%)	1972 (75.64%)	2607 (38.62%)
Total	2513 (37.22%)	4238 (62.78%)	6751 (100.00%)

B.4 Comparing VMBO's

Table B2: Educational Flows

School-Track	Next Educ.Level	Count	Total Track	Share
VMBO-B	MBO2	13733	14120	97.259%
VMBO-B	MBO3	337	14120	2.387%
VMBO-B	MBO4	50	14120	0.354%
VMBO-K	HAVO	3	25235	0.012%
VMBO-K	MBO2	2378	25235	9.423%
VMBO-K	MBO3	9062	25235	35.91%
VMBO-K	MBO4	13792	25235	54.654%
VMBO-GT	HAVO	8421	48226	17.462%
VMBO-GT	MBO2	1242	48226	2.575%
VMBO-GT	MBO3	4410	48226	9.144%
VMBO-GT	MBO4	34153	48226	70.819%
HAVO	HBO	34347	39405	87.164%
HAVO	MBO2	58	39405	0.147%
HAVO	MBO3	148	39405	0.376%
HAVO	MBO4	1384	39405	3.512%
HAVO	VWO	3468	39405	8.801%
VWO	HBO	3459	29665	11.66%
VWO	MBO2	1	29665	0.003%
VWO	MBO3	6	29665	0.02%
VWO	MBO4	35	29665	0.118%
VWO	WO	26164	29665	88.198%

Sources: educational flows: Dienst Uitvoering Onderwijs (2022);
It depicts an overview of the educational transitions of high-school graduates, per high-school track in the year 2021-2022, to their next education level.

Table B3: All Educ: Expectations

		Students			Parents		
School-Track	Future	Number	Total	Share	Number	Total	Share
VMBO-B	HBO	69	1786	3.863	16	744	2.151
VMBO-B	MBO	1642	1786	91.937	723	744	97.177
VMBO-B	WO	75	1786	4.199	5	744	0.672
VMBO-K	HBO	352	3254	10.817	59	1924	3.067
VMBO-K	MBO	2795	3254	85.894	1853	1924	96.310
VMBO-K	WO	107	3254	3.288	12	1924	0.624
VMBO-G	HBO	522	1989	26.244	158	1531	10.320
VMBO-G	MBO	1384	1989	69.583	1362	1531	88.961
VMBO-G	WO	83	1989	4.173	11	1531	0.718
VMBO-T	HBO	1826	4667	39.126	486	2837	17.131
VMBO-T	MBO	2622	4667	56.182	2326	2837	81.988
VMBO-T	WO	219	4667	4.693	25	2837	0.881
VMBO-GT	HBO	2348	6656	35.276	644	4368	14.744
VMBO-GT	MBO	4006	6656	60.186	3688	4368	84.432
VMBO-GT	WO	302	6656	4.537	36	4368	0.824
HAVO	HBO	5316	6906	76.977	3792	4860	78.025
HAVO	MBO	421	6906	6.096	825	4860	16.975
HAVO	WO	1169	6906	16.927	243	4860	5.000

Table B4: VMBO Comparisons Student Expectation

	Expects to complete MBO			Expects to complete HBO		
	VMBO-G	VMBO-T	Low-Track	VMBO-G	VMBO-T	Low-Track
HE	−0.0961**	−0.1106***	−0.1094***	0.0180	−0.0182	−0.0106
	(0.0398)	(0.0276)	(0.0228)	(0.0572)	(0.0266)	(0.0235)
Age	0.0327	0.0333	0.0338*	−0.0063	0.0002	0.0023
	(0.0356)	(0.0242)	(0.0201)	(0.0500)	(0.0224)	(0.0201)
Female	−0.0014	−0.0342	−0.0266	0.0133	0.0369	0.0292
	(0.0389)	(0.0258)	(0.0216)	(0.0561)	(0.0242)	(0.0217)
Exit-Score	−0.0024	−0.0623***	−0.0470***	−0.0120	0.0385*	0.0278
	(0.0309)	(0.0211)	(0.0176)	(0.0433)	(0.0201)	(0.0178)
Self-Efficacy	−0.1102***	−0.1332***	−0.1296***	0.0181	−0.0133	−0.0078
	(0.0212)	(0.0145)	(0.0120)	(0.0317)	(0.0143)	(0.0128)
Help-Homework	0.0022	0.0204	0.0143	−0.0159	−0.0016	−0.0054
	(0.0176)	(0.0126)	(0.0103)	(0.0237)	(0.0116)	(0.0103)
Talks about School	0.0578***	−0.0167	0.0053	−0.0048	0.0055	0.0053
	(0.0214)	(0.0154)	(0.0126)	(0.0282)	(0.0141)	(0.0122)
Constant	0.2163	0.4244	0.3747	0.9271	0.9737**	0.9423***
	(0.5756)	(0.3971)	(0.3328)	(0.8205)	(0.3903)	(0.3570)
Pred.HE=0	0.7653	0.6068	0.6513	0.9083	0.9175	0.9153
Pred.HE=1	0.6692	0.4962	0.5419	0.9263	0.8993	0.9047
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	532	1,411	1,943	146	628	774
Adjusted R^2	0.1544	0.1229	0.1402	−0.0267	0.0406	0.0383

Significance levels: *p<0.1; **p<0.05; ***p<0.01

All analyses are linear probability models. Coefficient of interest ("Coeff.HE") depicted here is whether, at least, one of the parents completed higher education (HBO & WO).

Income and maternal employment are included in the regression, but not shown for readability.

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete an MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete an HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table B5: VMBO Comparisons Parent Expectation

	Expects to complete MBO			Expects to complete HBO		
	VMBO-G	VMBO-T	Low-Track	VMBO-G	VMBO-T	Low-Track
HE	−0.0302	−0.1139***	−0.0876***	0.0019	0.0150	0.0341
	(0.0308)	(0.0220)	(0.0180)	(0.0842)	(0.0304)	(0.0278)
Age	0.0737***	0.0120	0.0289*	−0.0903	0.0065	−0.0066
	(0.0277)	(0.0197)	(0.0161)	(0.0655)	(0.0272)	(0.0252)
Female	−0.0130	−0.0053	−0.0055	0.0013	−0.0463*	−0.0395*
	(0.0302)	(0.0206)	(0.0171)	(0.0654)	(0.0258)	(0.0238)
Exit-Score	0.0348	0.0303*	0.0298**	0.1160**	−0.0065	0.0187
	(0.0240)	(0.0169)	(0.0139)	(0.0528)	(0.0217)	(0.0199)
Self-Efficacy	−0.0536***	−0.0667***	−0.0644***	−0.0302	0.0307**	0.0262*
	(0.0165)	(0.0116)	(0.0095)	(0.0393)	(0.0150)	(0.0137)
Help-Homework	0.0091	−0.0002	0.0031	0.0994***	0.0027	0.0205*
	(0.0137)	(0.0101)	(0.0082)	(0.0307)	(0.0118)	(0.0111)
Talks about School	0.0072	−0.0387***	−0.0249**	−0.0067	−0.0050	−0.0136
	(0.0167)	(0.0124)	(0.0100)	(0.0382)	(0.0170)	(0.0151)
Constant	−0.3361	0.8848***	0.5560**	2.2962**	0.9471**	1.1528***
	(0.4495)	(0.3220)	(0.2661)	(1.0161)	(0.4324)	(0.4011)
Pred.HE=0	0.8869	0.8761	0.8773	0.9411	0.9532	0.9372
Pred.HE=1	0.8567	0.7622	0.7897	0.943	0.9682	0.9713
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	548	1,364	1,912	69	243	312
Adjusted R^2	0.0503	0.0839	0.0715	0.1123	0.0509	0.0474

Significance levels: *p<0.1; **p<0.05; ***p<0.01

All analyses are linear probability models. Coefficient of interest ("Coeff.HE") depicted here is whether, at least, one of the parents completed higher education (HBO & WO).

Income and maternal employment are included in the regression, but not shown for readability.

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child to complete an MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating whether the parent expects their to complete an HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table B6: VMBO Comparisons Mismatch

	Student > Parent			Student < Parent		
	VMBO-G	VMBO-T	Low-Track	VMBO-G	VMBO-T	Low-Track
HE	0.1110***	0.0255	0.0536**	0.0364	0.0120	0.0204*
	(0.0376)	(0.0275)	(0.0224)	(0.0224)	(0.0123)	(0.0108)
Age	0.0176	−0.0269	−0.0167	−0.0008	0.0083	0.0040
	(0.0337)	(0.0243)	(0.0199)	(0.0201)	(0.0109)	(0.0096)
Female	−0.0390	0.0072	−0.0023	−0.0296	−0.0162	−0.0203**
	(0.0368)	(0.0257)	(0.0213)	(0.0219)	(0.0115)	(0.0102)
Exit-Score	0.0337	0.0796***	0.0657***	−0.0234	−0.0099	−0.0146*
	(0.0292)	(0.0210)	(0.0173)	(0.0174)	(0.0094)	(0.0083)
Self-Efficacy	0.0497**	0.0717***	0.0679***	0.0017	−0.0021	−0.0014
	(0.0201)	(0.0145)	(0.0119)	(0.0120)	(0.0065)	(0.0057)
Help-Homework	0.0004	−0.0026	0.0006	−0.0130	0.0177***	0.0081*
	(0.0166)	(0.0126)	(0.0102)	(0.0099)	(0.0056)	(0.0049)
Talks about School	−0.0481**	−0.0147	−0.0253**	0.0056	0.0115*	0.0098*
	(0.0203)	(0.0154)	(0.0124)	(0.0121)	(0.0069)	(0.0060)
Constant	−0.1437	0.5718	0.4190	0.0704	−0.1772	−0.0482
	(0.5457)	(0.3985)	(0.3301)	(0.3251)	(0.1788)	(0.1586)
Pred.HE=0	0.1537	0.3035	0.2593	0.0396	0.0376	0.0372
Pred.HE=1	0.2647	0.329	0.313	0.0761	0.0497	0.0576
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	507	1,337	1,844	507	1,337	1,844
Adjusted R^2	0.1043	0.0583	0.0657	0.0211	0.0131	0.0136

Significance levels: *p<0.1; **p<0.05; ***p<0.01

All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Income and maternal employment are included in the regression, but not shown for readability.

"Student > Parent": Dummy indicating that the student expects to complete a more selective educational institute compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational institute compared to their parent.

C Descriptive

C.1 Descriptive

Table C1: Descriptive Statistics: All

	mean	sd	min	median	max	N	lower95	upper95
HE	0.628	0.483	0	1	1	6751	0.616	0.639
Student_MBO	0.184	0.387	0	0	1	6751	0.175	0.193
Student_HBO	0.550	0.498	0	1	1	5510	0.536	0.563
Parent_MBO	0.292	0.455	0	0	1	6751	0.281	0.303
Parent_HBO	0.679	0.467	0	1	1	4780	0.666	0.692
Amb_Student	0.268	0.443	0	0	1	6751	0.258	0.279
Amb_Parent	0.031	0.173	0	0	1	6751	0.027	0.035
Age	15.134	0.484	13.514	15.098	18.189	6751	15.123	15.146
Female	0.528	0.499	0	1	1	6751	0.516	0.540
Exit-Score	0	1	-6.468	0.053	3.548	6751	-0.024	0.024
Self-Efficacy	0	1	-4.116	0.056	2.291	6751	-0.024	0.024
Income	2.753	1.062	1	3	4	5183	2.725	2.782
Maternal-Emp	1.192	0.645	0	1	2	6751	1.176	1.207
Help-Homework	2.522	1.088	1	3	5	6751	2.496	2.547
Talks about School	3.822	0.868	1	4	5	6751	3.802	3.843

Table C2: Descriptive Statistics: Low-Track

	mean	sd	min	median	max	N	lower95	upper95
HE	0.463	0.499	0	0	1	1844	0.440	0.486
Student_MBO	0.606	0.489	0	1	1	1844	0.583	0.628
Student_HBO	0.912	0.284	0	1	1	727	0.891	0.933
Parent_MBO	0.836	0.371	0	1	1	1844	0.819	0.853
Parent_HBO	0.960	0.195	0	1	1	303	0.938	0.982
Amb_Student	0.284	0.451	0	0	1	1844	0.264	0.305
Amb_Parent	0.047	0.211	0	0	1	1844	0.037	0.056
Age	15.275	0.536	13.847	15.175	18.189	1844	15.251	15.299
Female	0.507	0.500	0	1	1	1844	0.484	0.530
Exit-Score	0	1	-4.248	-0.008	2.756	1844	-0.046	0.046
Self-Efficacy	-0	1	-3.925	0.041	2.250	1844	-0.046	0.046
Income	2.456	1.052	1	2	4	1401	2.401	2.511
Maternal-Emp	1.210	0.670	0	1	2	1844	1.180	1.241
Help-Homework	2.642	1.085	1	3	5	1844	2.592	2.691
Talks about School	3.826	0.881	1	4	5	1844	3.786	3.866

Table C3: Descriptive Statistics: Medium-Track

	mean	sd	min	median	max	N	lower95	upper95
HE	0.614	0.487	0	1	1	2300	0.594	0.634
Student_MBO	0.050	0.218	0	0	1	2300	0.041	0.059
Student_HBO	0.837	0.369	0	1	1	2185	0.822	0.853
Parent_MBO	0.165	0.371	0	0	1	2300	0.150	0.180
Parent_HBO	0.958	0.201	0	1	1	1921	0.949	0.967
Amb_Student	0.254	0.436	0	0	1	2300	0.237	0.272
Amb_Parent	0.027	0.162	0	0	1	2300	0.020	0.034
Age	15.150	0.483	13.716	15.098	17.675	2300	15.131	15.170
Female	0.533	0.499	0	1	1	2300	0.513	0.553
Exit-Score	-0	1	-4.896	0.018	2.598	2300	-0.041	0.041
Self-Efficacy	0	1	-3.839	0.085	2.291	2300	-0.041	0.041
Income	2.703	1.057	1	3	4	1747	2.653	2.752
Maternal-Emp	1.194	0.632	0	1	2	2300	1.168	1.220
Help-Homework	2.622	1.094	1	3	5	2300	2.577	2.666
Talks about School	3.832	0.853	1	4	5	2300	3.797	3.867

Table C4: Descriptive Statistics: High-Track

	mean	sd	min	median	max	N	lower95	upper95
HE	0.756	0.429	0	1	1	2607	0.740	0.773
Student_MBO	0.003	0.059	0	0	1	2607	0.001	0.006
Student_HBO	0.206	0.405	0	0	1	2598	0.191	0.222
Parent_MBO	0.020	0.139	0	0	1	2607	0.014	0.025
Parent_HBO	0.436	0.496	0	0	1	2556	0.417	0.455
Amb_Student	0.269	0.443	0	0	1	2607	0.252	0.286
Amb_Parent	0.023	0.151	0	0	1	2607	0.018	0.029
Age	15.020	0.414	13.514	15.014	17.169	2607	15.004	15.036
Female	0.539	0.499	0	1	1	2607	0.520	0.558
Exit-Score	0	1	-6.468	0.053	3.548	2607	-0.038	0.038
Self-Efficacy	0	1	-4.116	0.077	2.134	2607	-0.038	0.038
Income	3.001	1.014	1	3	4	2035	2.957	3.046
Maternal-Emp	1.176	0.637	0	1	2	2607	1.152	1.201
Help-Homework	2.348	1.061	1	2	5	2607	2.308	2.389
Talks about School	3.811	0.873	1	4	5	2607	3.778	3.845

C.2 Balance

Table C5: Descriptive Statistics: Balance All

	no-HE (N=2513)			HE (N=4238)				
	mean	sd	n	mean	sd	n	diff_mean	pvalue
Student_MBO	0.289	0.454	2513	0.121	0.326	4238	-0.168	0
Student_HBO	0.659	0.474	1786	0.497	0.500	3724	-0.162	0
Parent_MBO	0.430	0.495	2513	0.210	0.408	4238	-0.220	0
Parent_HBO	0.791	0.407	1433	0.631	0.483	3347	-0.160	0
Amb_Student	0.281	0.450	2513	0.260	0.439	4238	-0.021	0.060
Amb_Parent	0.029	0.168	2513	0.032	0.176	4238	0.003	0.480
Age	15.200	0.500	2513	15.095	0.471	4238	-0.104	0
Female	0.526	0.499	2513	0.529	0.499	4238	0.003	0.824
Exit-Score	0.024	0.968	2513	-0.014	1.018	4238	-0.038	0.127
Self-Efficacy	-0.027	0.983	2513	0.016	1.010	4238	0.044	0.081
Income	2.172	0.952	1861	3.079	0.978	3322	0.907	0
Maternal-Emp	1.153	0.681	2513	1.214	0.622	4238	0.061	0
Help-Homework	2.419	1.070	2513	2.582	1.094	4238	0.163	0
Talks about School	3.818	0.902	2513	3.825	0.847	4238	0.007	0.769

Table C6: Descriptive Statistics: Balance Low-Track

	no-HE (N=990)			HE (N=854)				
	mean	sd	n	mean	sd	n	diff_mean	pvalue
Student_MBO	0.672	0.470	990	0.529	0.499	854	-0.142	0
Student_HBO	0.926	0.262	325	0.900	0.300	402	-0.026	0.219
Parent_MBO	0.885	0.319	990	0.779	0.415	854	-0.106	0
Parent_HBO	0.921	0.271	114	0.984	0.125	189	0.063	0.021
Amb_Student	0.253	0.435	990	0.321	0.467	854	0.068	0.001
Amb_Parent	0.037	0.190	990	0.057	0.233	854	0.020	0.046
Age	15.293	0.538	990	15.254	0.534	854	-0.039	0.120
Female	0.522	0.500	990	0.489	0.500	854	-0.033	0.161
Exit-Score	0.028	0.982	990	-0.033	1.020	854	-0.061	0.194
Self-Efficacy	-0.024	0.982	990	0.028	1.021	854	0.053	0.259
Income	2.059	0.947	750	2.914	0.979	651	0.855	0
Maternal-Emp	1.163	0.704	990	1.266	0.624	854	0.103	0.001
Help-Homework	2.533	1.083	990	2.767	1.073	854	0.234	0
Talks about School	3.812	0.925	990	3.842	0.826	854	0.030	0.465

Table C7: Descriptive Statistics: Balance Medium-Track

	no-HE (N=888)			HE (N=1412)				
	mean	sd	n	mean	sd	n	diff_mean	pvalue
Student_MBO	0.065	0.247	888	0.040	0.197	1412	-0.025	0.011
Student_HBO	0.851	0.357	830	0.829	0.377	1355	-0.022	0.175
Parent_MBO	0.203	0.402	888	0.141	0.348	1412	-0.062	0
Parent_HBO	0.969	0.174	708	0.951	0.215	1213	-0.018	0.051
Amb_Student	0.273	0.446	888	0.243	0.429	1412	-0.030	0.116
Amb_Parent	0.027	0.162	888	0.027	0.162	1412	-0	0.987
Age	15.177	0.500	888	15.134	0.471	1412	-0.043	0.038
Female	0.534	0.499	888	0.533	0.499	1412	-0.001	0.955
Exit-Score	0.074	0.945	888	-0.047	1.031	1412	-0.121	0.004
Self-Efficacy	0.014	0.970	888	-0.009	1.019	1412	-0.022	0.600
Income	2.177	0.931	645	3.011	1.004	1102	0.834	0
Maternal-Emp	1.161	0.665	888	1.215	0.611	1412	0.054	0.053
Help-Homework	2.445	1.078	888	2.733	1.090	1412	0.288	0
Talks about School	3.839	0.879	888	3.827	0.836	1412	-0.012	0.750

Table C8: Descriptive Statistics: Balance High-Track

	no-HE (N=635)			HE (N=1972)				
	mean	sd	n	mean	sd	n	diff_mean	pvalue
Student_MBO	0.006	0.079	635	0.003	0.050	1972	-0.004	0.260
Student_HBO	0.269	0.444	631	0.186	0.389	1967	-0.083	0
Parent_MBO	0.038	0.191	635	0.014	0.116	1972	-0.024	0.003
Parent_HBO	0.560	0.497	611	0.397	0.489	1945	-0.163	0
Amb_Student	0.339	0.474	635	0.246	0.431	1972	-0.092	0
Amb_Parent	0.019	0.136	635	0.025	0.156	1972	0.006	0.356
Age	15.086	0.405	635	14.999	0.415	1972	-0.087	0
Female	0.523	0.500	635	0.544	0.498	1972	0.021	0.351
Exit-Score	-0.053	0.973	635	0.017	1.008	1972	0.071	0.115
Self-Efficacy	-0.089	1.001	635	0.029	0.998	1972	0.118	0.010
Income	2.348	0.966	466	3.196	0.945	1569	0.848	0
Maternal-Emp	1.128	0.665	635	1.192	0.627	1972	0.064	0.032
Help-Homework	2.206	1.006	635	2.394	1.075	1972	0.188	0
Talks about School	3.798	0.897	635	3.815	0.865	1972	0.017	0.676

C.3 Balance by Mismatch Outcome:

Table C9: Differences between Groups

	Stud < Par n = 209			Identical n = 4732			Stud > Par n = 1810				
Variable	mean	sd	n	mean	sd	n	mean	sd	n	pvaluem0-1	pvalue2-1
HE	0.651	0.478	209	0.634	0.482	4732	0.609	0.488	1810	0.616	0.070
student_mbo	0.593	0.492	209	0.236	0.425	4732	0	0	1810	0	0
student_hbo	1	0	85	0.601	0.490	3615	0.427	0.495	1810	0	0
parent_mbo	0	0	209	0.236	0.425	4732	0.472	0.499	1810	0	0
parent_hbo	0.565	0.497	209	0.601	0.490	3615	1	0	956	0.309	0
female	0.478	0.501	209	0.546	0.498	4732	0.487	0.500	1810	0.056	0
exit_score	-0.161	1.018	209	0.010	0.999	4732	-0.008	0.998	1810	0.017	0.514
selfefficacy	-0.298	1.153	209	-0.019	0.994	4732	0.084	0.987	1810	0.001	0
income	2.721	1.102	209	2.777	1.065	4732	2.697	1.047	1810	0.475	0.006
help_homework	2.761	1.181	209	2.526	1.095	4732	2.482	1.053	1810	0.005	0.138
talk_school	4.010	0.849	209	3.852	0.857	4732	3.724	0.891	1810	0.009	0

Table C10: Differences between Groups: Low-Track

	Stud < Par n = 86			Identical n = 1234			Stud > Par n = 524				
Variable	mean	sd	n	mean	sd	n	mean	sd	n	pvaluem0-1	pvalue2-1
HE	0.570	0.498	86	0.430	0.495	1234	0.523	0.500	524	0.012	0
student_mbo	0.919	0.275	86	0.841	0.366	1234	0	0	524	0.014	0
student_hbo	1	0	7	0.990	0.101	196	0.882	0.323	524	0.159	0
parent_mbo	0	0	86	0.841	0.366	1234	0.960	0.196	524	0	0
parent_hbo	0.884	0.322	86	0.990	0.101	196	1	0	21	0.003	0.159
female	0.419	0.496	86	0.527	0.499	1234	0.475	0.500	524	0.051	0.048
exit_score	-0.171	1.023	86	-0.054	0.997	1234	0.155	0.987	524	0.302	0
selfefficacy	0.033	1.078	86	-0.099	0.993	1234	0.228	0.966	524	0.268	0
income	2.517	1.128	86	2.422	1.035	1234	2.525	1.078	524	0.444	0.062
help_homework	2.942	1.162	86	2.643	1.090	1234	2.588	1.052	524	0.021	0.316
talk_school	4.081	0.843	86	3.835	0.868	1234	3.761	0.908	524	0.009	0.113

Table C11: Differences between Groups: Medium-Track

	Stud < Par n = 62			Identical n = 1653			Stud > Par n = 585				
Variable	mean	sd	n	mean	sd	n	mean	sd	n	pvaluem0-1	pvalue2-1
HE	0.613	0.491	62	0.624	0.485	1653	0.586	0.493	585	0.865	0.114
student_mbo	0.597	0.495	62	0.047	0.212	1653	0	0	585	0	0
student_hbo	1	0	25	0.966	0.182	1575	0.484	0.500	585	0	0
parent_mbo	0	0	62	0.047	0.212	1653	0.515	0.500	585	0	0
parent_hbo	0.565	0.500	62	0.966	0.182	1575	1	0	284	0	0
female	0.548	0.502	62	0.543	0.498	1653	0.503	0.500	585	0.937	0.091
exit_score	-0.177	1.042	62	0.005	0.997	1653	0.006	1.003	585	0.178	0.980
selfefficacy	-0.472	1.355	62	-0.031	0.972	1653	0.139	1.012	585	0.011	0
income	2.731	1.087	62	2.715	1.060	1653	2.665	1.045	585	0.910	0.325
help_homework	2.694	1.275	62	2.640	1.091	1653	2.562	1.082	585	0.745	0.137
talk_school	4.097	0.863	62	3.854	0.841	1653	3.742	0.876	585	0.029	0.007

Table C12: Differences between Groups: High-Track

	Stud < Par n = 61			Identical n = 1845			Stud > Par n = 701				
Variable	mean	sd	n	mean	sd	n	mean	sd	n	pvaluem0-1	pvalue2-1
HE	0.803	0.401	61	0.779	0.415	1845	0.693	0.461	701	0.640	0
student_mbo	0.131	0.340	61	0.001	0.023	1845	0	0	701	0.003	0.318
student_hbo	1	0	53	0.247	0.432	1844	0.039	0.193	701	0	0
parent_mbo	0	0	61	0.001	0.023	1845	0.071	0.258	701	0.318	0
parent_hbo	0.115	0.321	61	0.247	0.432	1844	1	0	651	0.002	0
female	0.492	0.504	61	0.562	0.496	1845	0.484	0.500	701	0.288	0
exit_score	-0.130	1.001	61	0.058	1.001	1845	-0.141	0.984	701	0.150	0
selfefficacy	-0.587	0.909	61	0.046	1.010	1845	-0.069	0.961	701	0	0.008
income	2.927	1.069	61	3.061	1.011	1845	2.851	1.003	701	0.335	0
help_homework	2.574	1.087	61	2.345	1.078	1845	2.337	1.013	701	0.107	0.851
talk_school	3.820	0.827	61	3.861	0.863	1845	3.680	0.890	701	0.703	0

D Consistency

To give insight into whether the expectations of both students and parents are representative of educational outcomes, and thus represent a form of status quo for educational transitions & ambitions, we compare these expectations to available statistics on educational transitions and attainment. These numbers are presented in Table D1.

Table D1: Consistency

		Flows Graduation		OCW Data	Expectations	
School-track	Future	NL	Limburg	NL	Students	Parents
High-Track	WO	87.618	84.923		79.095	55.313
High-Track	HBO	12.222	14.915		20.560	42.731
High-Track	MBO	0.161	0.161		0.345	1.956
Medium-Track	WO			14.700	15.478	3.522
Medium-Track	HBO	88.090	91.132	57.000	79.522	80.000
Medium-Track	High-Track	7.685	4.959	0.900		
Medium-Track	Medium-Track			21.900		
Medium-Track	MBO	4.225	3.909	5.500	5.000	16.478
Low-Track	WO			1.900	3.471	0.651
Low-Track	HBO			26.800	35.954	15.781
Low-Track	Medium-Track	15.822	12.351	5.400		
Low-Track	MBO	84.178	87.649	53.300	60.575	83.568
Low-Track	Low-track			12.400		

Sources: educational flows: Dienst Uitvoering Onderwijs (2022); attainment data: Ministerie van Onderwijs, Cultuur & Wetenschap (2017), Expectations: OML
Back to the dutch abbreviations: "High-Track" = VWO; "Medium-Track" = HAVO; "Low-Track" = VMBO GT

The first column indicates the current high-school track in which the student is enrolled. The second column highlights outlines the possible educational transitions (/attainment level) that could be made (/achieved) by the student, either directly or indirectly, after their high-school spell. The third and fourth columns illustrate the percentage of students, by high-school track, who enroll into the various educational options in the years 2020, 2021, 2022 & 2023 (Dienst Uitvoering Onderwijs, 2022). It is important to note that empty cells signify educational trajectories that may not be directly possible, but are feasible and commonplace, such as low-track students completing an HBO degree, which requires the completion of the medium-track or MBO (vocational training). The difference between the third and fourth column lies in their data source: the third column offers a perspective on the case of the Netherlands, while the fourth column presents the same information for all municipalities covered in our data collection.

Differences exist in the educational flows between the Netherlands and our data. For instance, high-track students in our data are slightly more likely to choose HBO over WO. Similarly, medium-track students do not transition to the high-track as often. Nonetheless, patterns are relatively alike. For instance, the share

of students attending MBO after their high-school spell is comparable for all high-school tracks.

The fifth column presents the attainment numbers of previous high-school graduates from between 2004 & 2007 that were tracked till 2016 (Ministerie van Onderwijs, Cultuur & Wetenschap, 2017). However, the focus of this government report was on so-called "bergbeklimmers", which are students who must make multiple educational transitions to arrive at the more selective forms of (higher) education. Consequently, high-track students, who have access to all forms of further education and thus do not face these challenges, were left out of their analysis. Additionally, it is important to note that the data may not accurately represent what the current generation of students should be able to achieve, as different social norms and labor market conditions were presents for older cohorts, influencing enrollment decisions. Unfortunately, similar data by parental background is not available; suggestive patterns hereof are shown in (Van den Broek et al., 2018). Specifically, high-track students with a higher-educated parent transition to a university more often (90% vs 85%), in the medium-track they transition more often to the high-track (8% vs 4%) and they are more likely to go to a vocational university after a vocational training spell (55% vs 45%).

The final two columns represent the educational attainment expectations of students and parents, respectively. In answering the question we only allowed students, and parents, to consider one of the further education options available. Hence, we did not allow them to select one of the high-school tracks as their level of educational attainment. The data indicates that a majority of medium and high-track students pursue higher education or vocational training after completing high-school, while low-track students are legally mandated to complete some form of vocational training.[43] Accordingly, this simplification still allows us to capture the educational trade-offs (decisions) made by students. This restriction also explains the empty cells in the educational expectations. The numbers in the fifth column do suggest that students at times drop out from either HBO or WO. Nonetheless, this is less of a concern as more students currently enroll in higher education and are more likely to complete these levels after high-school compared to 10-15 years ago.

First, we examine the students' expectations. In the high-track, we observe that the proportion of students expecting to complete MBO aligns closely with the actual enrollment at that level. There is a slight increase in the share of students that expects to complete HBO (vocational university) compared to the observed educational flows. However, this difference is minor, with only a small percentage point gap. Additionally, the presence of peer effects and the ongoing process of orientation towards tertiary education, which involves visiting multiple schools, are likely to increase the students' self-efficacy belief and consequently their expectations regarding WO education.

In the medium-track, the percentage of students expecting to complete WO (academic university) is only slightly higher than the attainment rate of previous cohorts. The share of students expecting to complete HBO is higher than suggested by the attainment data but aligns with the educational flows. This implies that dropouts may influence the attainment process, yet students indicate their desire to complete HBO at a similar rate to previous cohorts. Similarly, the share of students expecting to complete MBO corresponds

[43]The medium-track, and thus by extension the high-track, also satisfy the minimum education requirement set by the government.

to the rate of educational transition and attainment.

For the low-track, a comparable share of students expects to complete MBO, aligning with the attainment numbers. The proportion of students that expects to complete WO is doubled compared to the attainment pattern of old cohorts. Similarly, the share of students expecting to complete HBO is slightly higher, but not unreasonable so, considering the rate of educational transitions. Notably, approximately one-third of MBO students continue at a vocational university ($0.3 \times 86 = 25.8$).[44] Additionally, most low-track students who progressed to the medium-track enroll at MBO ($0.75 \times 14 = 10.5$). Therefore, extrapolating this data entails that 36.3% of low-track students might enroll at HBO, which closely aligns with the share of students expecting to complete this level.

Parental expectations show a different pattern compared to what we found for students. In general, across the high-school track it appears that on average they expect their child to complete a less selective education level compared to the educational flows or attainment numbers. Consequently, parents more frequently expect their child to complete a less selective education level than what the student expects to complete themselves.

When the child is in the high-track, parents are four times more likely to expect their child to complete MBO compared to students, which is nearly 10 times higher than what the educational flows suggest. Moreover, parents indicate that they expect their child to complete HBO twice as often as students, who were conservative in their own expectation relative to the educational flows. These patterns are reflected in the WO expectation, which 55% of parents expect their high-track student to complete, compared to 79% of students themselves, while the actual enrollment rate is at 85%.

Similar patterns emerge in the expectations of parents whose child is in the medium-track. For instance, parents are four times more likely to expect their child to complete MBO, and four times less likely to expect their child to complete WO, compared to what the students expect to complete and the attainment numbers indicate. These findings highlight that parents are not only conservative in forming their expectations, in which they expect the least selective education level more frequently, but also (partly) disregard the possibility of multiple educational transitions.

This is recurring in the expectations of parents with a child in the low-track. Herein the share of parents expecting to their child to complete WO is 0.6%, whereas students expect this at a rate of 3.5%, and the attainment number show it at 1.9%. The percentage of parents that expect their child to complete HBO is 15%. Although this share is significant lower than the share of students that expects this level (36%) or the attainment number (16.8%), it does reflect upon the flow of low-track students transitioning to the medium-track. Accordingly, parents might not consider the possible transition from MBO to HBO. The share of parents expecting MBO for their child is akin to the educational flows.

[44] Figure B1 highlights the educational flows within the Netherlands. Herein we observe that on a yearly basis 22000 individuals with a MBO background enroll in HBO, which is substantial given that on a yearly basis 50000 students graduate vocational training. Therefore, setting the rate of transition between these options at 30% is a reasonable approximation.

Next, we also investigate these patterns by parental education, as shown in Table D2. In both the case of students and parents, higher education status,[45] shifts the expectation share toward more selective forms of education. One notable exception is that parents who did not complete higher education are more likely to expect their low-track student to complete WO compared to higher-educated parents. Two more patterns emerge from this table. First, higher educated parents appear to be more conservative in their educational expectations compared to students without higher educated parents. Second, the extent to which parental education impacts educational expectations differs. For instance, in the high-track it appears that differences by parental background are more pronounced among parents, resonating with Lergetporer et al. (2021). In the low-track the reverse appear, in which students expectation appears to be affected more by parental education.

[45]Higher education status for the case of parents implies that the parent, or partner thereof, completed higher education. In the case of students it entails that one of the parents completed higher education.

Table D2: Consistency.he

		Flows Graduation		OCW Data	Student Exp.				Parent Exp.			
School-track	Future	NL	Limburg	NL	All	no-HE	HE	Diff	All	no-HE	HE	Diff
High-Track	WO	87.618	84.923		79.095	72.598	81.187	8.588	55.313	42.362	59.483	17.121
High-Track	HBO	12.222	14.915		20.560	26.772	18.560	8.212	42.731	53.858	39.148	14.710
High-Track	MBO	0.161	0.161		0.345	0.630	0.254	0.376	1.956	3.780	1.369	2.410
Medium-Track	WO			14.700	15.478	13.964	16.431	2.467	3.522	2.477	4.178	1.701
Medium-Track	HBO	88.090	91.132	57.000	79.522	79.505	79.533	0.028	80.000	77.252	81.728	4.476
Medium-Track	High-Track	7.685	4.959	0.900								
Medium-Track	Medium-Track			21.900								
Medium-Track	MBO	4.225	3.909	5.500	5.000	6.532	4.037	2.495	16.478	20.270	14.093	6.177
Low-Track	WO			1.900	3.471	2.424	4.684	2.260	0.651	0.909	0.351	0.558
Low-Track	HBO			26.800	35.954	30.404	42.389	11.985	15.781	10.606	21.780	11.174
Low-Track	Medium-Track	15.822	12.351	5.400								
Low-Track	MBO	84.178	87.649	53.300	60.575	67.172	52.927	14.244	83.568	88.485	77.869	10.616
Low-Track	Low-track			12.400								

Sources: educational flows: Dienst Uitvoering Onderwijs (2022); attainment data: Ministerie van Onderwijs, Cultuur & Wetenschap (2017), Expectations: OML

Back to the dutch abbreviations: “High-Track“ = VWO; “Medium-Track“ = HAVO; “Low-Track“ = VMBO GT

E Expectations

E.1 Individual Expectations

Table E1: Student Expectations: MBO vs HE

		no-HE			HE			
School-Track	Expectation	Number	Size	Percentage	Number	Size	Percentage	Pvalue
Low-Track	Higher Education	325	990	32.828%	402	854	47.073%	0.000
Low-Track	MBO	665	990	67.172%	452	854	52.927%	0.000
Medium-Track	Higher Education	830	888	93.468%	1355	1412	95.963%	0.178
Medium-Track	MBO	58	888	6.532%	57	1412	4.037%	0.000
High-Track	Higher Education	631	635	99.37%	1967	1972	99.746%	0.531
High-Track	MBO	4	635	0.63%	5	1972	0.254%	0.000

Table E2: Student Expectations: HBO vs WO

		no-HE			HE			
School-Track	Expectation	Number	Size	Percentage	Number	Size	Percentage	Pvalue
Low-Track	WO	24	325	7.385%	40	402	9.95%	0.027
Low-Track	HBO	301	325	92.615%	362	402	90.05%	0.518
Medium-Track	WO	124	830	14.94%	232	1355	17.122%	0.078
Medium-Track	HBO	706	830	85.06%	1123	1355	82.878%	0.454
High-Track	WO	461	631	73.059%	1601	1967	81.393%	0.010
High-Track	HBO	170	631	26.941%	366	1967	18.607%	0.000

Table E3: Parent Expectations: MBO vs HE

		no-HE			HE			
School-Track	Expectation	Number	Size	Percentage	Number	Size	Percentage	Pvalue
Low-Track	Higher Education	114	990	11.515%	189	854	22.131%	0.000
Low-Track	MBO	876	990	88.485%	665	854	77.869%	0.001
Medium-Track	Higher Education	708	888	79.73%	1213	1412	85.907%	0.033
Medium-Track	MBO	180	888	20.27%	199	1412	14.093%	0.000
High-Track	Higher Education	611	635	96.22%	1945	1972	98.631%	0.088
High-Track	MBO	24	635	3.78%	27	1972	1.369%	0.000

Table E4: Parent Expectations: HBO vs WO

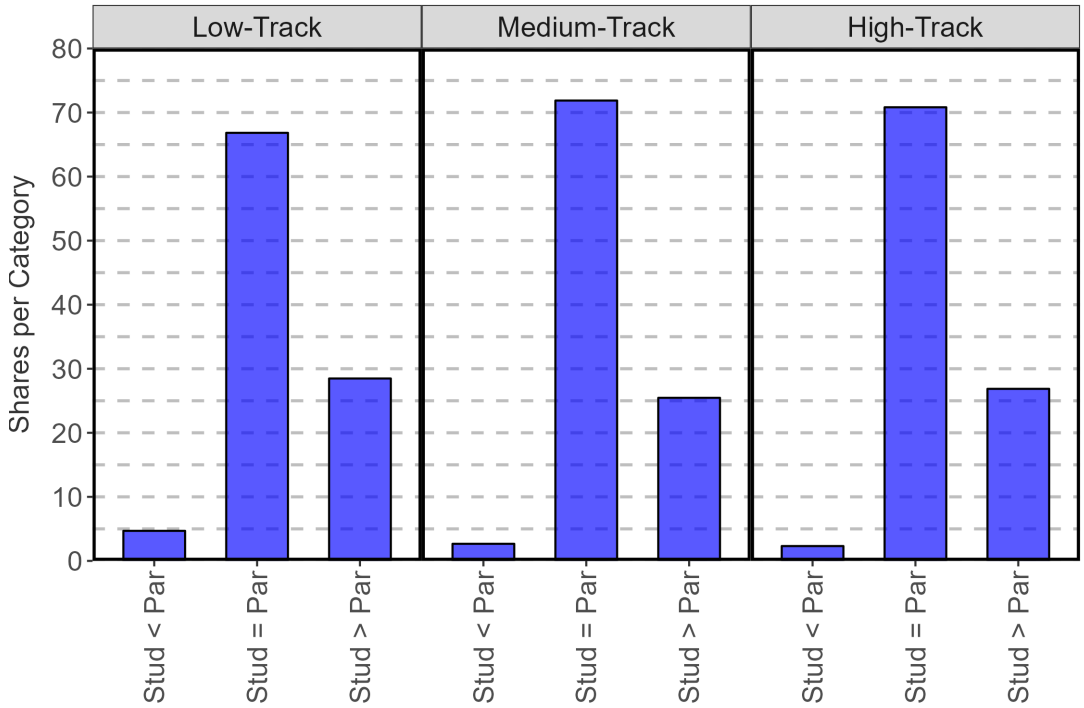
		no-HE			HE			
School-Track	Expectation	Number	Size	Percentage	Number	Size	Percentage	Pvalue
Low-Track	WO	9	114	7.895%	3	189	1.587%	0.000
Low-Track	HBO	105	114	92.105%	186	189	98.413%	0.181
Medium-Track	WO	22	708	3.107%	59	1213	4.864%	0.000
Medium-Track	HBO	686	708	96.893%	1154	1213	95.136%	0.316
High-Track	WO	269	611	44.026%	1173	1945	60.308%	0.000
High-Track	HBO	342	611	55.974%	772	1945	39.692%	0.000

E.2 Mismatch

Table E5: Students vs Parents: Mismatch

Mismatch?	Number	Total	Share of Total
Student < Parent	209	6751	3.096
Student = Parent	4732	6751	70.093
Student > Parent	1810	6751	26.811

Figure E1: Mismatch Frequency by School-Track



Note: This figure presents the share of families, i.e. students and parents, that can be characterized into one of the three outcome categories. Namely, the student expecting to complete a less selective education level than the parent(s), there being congruence in educational expectations and the students expecting to complete a more selective education compared to the parent(s). Numbers behind this figure are available in Appendix Table E6.

Table E6: Students vs Parents: Mismatch by Track

School-Track	Mismatch?	Number	Total	Share of Total
High-Track	Student > Parent	701	2607	26.889
High-Track	Student = Parent	1845	2607	70.771
High-Track	Student < Parent	61	2607	2.340
Medium-Track	Student > Parent	585	2300	25.435
Medium-Track	Student = Parent	1653	2300	71.870
Medium-Track	Student < Parent	62	2300	2.696
Low-Track	Student > Parent	524	1844	28.416
Low-Track	Student = Parent	1234	1844	66.920
Low-Track	Student < Parent	86	1844	4.664

Table E7: Students vs Parents: Mismatch by Parental Education

		no higher education			higher education			
Mismatch?	School-Track	Number	Total	Share	Number	Total	Share	P-value
High-Track	Stud > Par	215	635	33.858	486	1972	24.645	0
High-Track	Stud = Par	408	635	64.252	1437	1972	72.870	0.010
High-Track	Stud < Par	12	635	1.890	49	1972	2.485	0
Medium-Track	Stud > Par	242	888	27.252	343	1412	24.292	0.112
Medium-Track	Stud = Par	622	888	70.045	1031	1412	73.017	0.357
Medium-Track	Stud < Par	24	888	2.703	38	1412	2.691	0.952
Low-Track	Stud > Par	250	990	25.253	274	854	32.084	0.002
Low-Track	Stud = Par	703	990	71.010	531	854	62.178	0.013
Low-Track	Stud < Par	37	990	3.737	49	854	5.738	0

F Results

F.1 Main Results

Table F1: Student Expectations

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1137***	−0.0296**	−0.0019	−0.0135	−0.0291*	−0.0483**
	(0.0228)	(0.0141)	(0.0042)	(0.0313)	(0.0166)	(0.0223)
Age	0.0368**	0.0332***	0.0019	0.0131	−0.0128	−0.0027
	(0.0155)	(0.0118)	(0.0030)	(0.0279)	(0.0163)	(0.0239)
Female	−0.0273	−0.0107	−0.0032	0.0311	−0.0054	−0.0186
	(0.0196)	(0.0089)	(0.0021)	(0.0229)	(0.0209)	(0.0158)
Exit-Score	−0.0326**	−0.0095*	−0.0011	0.0184	−0.0139**	−0.0353***
	(0.0134)	(0.0050)	(0.0012)	(0.0189)	(0.0065)	(0.0077)
Self-Efficacy	−0.1139***	−0.0413***	−0.0012	−0.0095	−0.0746***	−0.1252***
	(0.0115)	(0.0058)	(0.0015)	(0.0124)	(0.0062)	(0.0081)
Help-Homework	0.0124	0.0074	0.0013	−0.0064	0.0145**	0.0232***
	(0.0078)	(0.0056)	(0.0012)	(0.0106)	(0.0072)	(0.0090)
Talks about School	0.0074	−0.0039	−0.0023	0.0047	−0.0292***	−0.0059
	(0.0171)	(0.0071)	(0.0019)	(0.0131)	(0.0085)	(0.0083)
Constant	0.3353	−0.4198**	−0.0020	0.7611*	1.0064***	0.1685
	(0.2356)	(0.1907)	(0.0443)	(0.4612)	(0.2639)	(0.3728)
Pred.HE=0	0.6584	0.0682	0.0049	0.9194	0.8551	0.2429
Pred.HE=1	0.5447	0.0386	0.003	0.9059	0.826	0.1946
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	727	2,185	2,598
Adjusted R^2	0.1399	0.0618	−0.0030	0.0333	0.0637	0.1562

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether (at least) one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression. An overview of these coefficients can be found in Table F4.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household. A graphical representation is available in appendix figures F1 & F2 for the MBO (over higher education) and HBO (over WO) expectations respectively.

Table F2: Parent Expectations

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.0908***	−0.0634***	−0.0165**	0.0416	−0.0152	−0.1043***
	(0.0194)	(0.0152)	(0.0079)	(0.0277)	(0.0108)	(0.0256)
Age	0.0256	0.0490***	−0.0040	−0.0048	−0.0017	0.0003
	(0.0173)	(0.0134)	(0.0064)	(0.0229)	(0.0111)	(0.0283)
Female	−0.0061	−0.0341**	−0.0120***	−0.0334	0.0016	−0.0675***
	(0.0137)	(0.0147)	(0.0045)	(0.0258)	(0.0094)	(0.0153)
Exit-Score	0.0197***	−0.0227***	−0.0036	0.0159	0.0016	−0.0692***
	(0.0063)	(0.0061)	(0.0040)	(0.0148)	(0.0053)	(0.0116)
Self-Efficacy	−0.0580***	−0.0491***	−0.0106***	0.0149	−0.0172***	−0.1074***
	(0.0090)	(0.0081)	(0.0037)	(0.0117)	(0.0057)	(0.0109)
Help-Homework	0.0049	0.0201***	−0.0026	0.0171	0.0011	0.0349***
	(0.0099)	(0.0075)	(0.0031)	(0.0161)	(0.0051)	(0.0087)
Talks about School	−0.0280**	−0.0476***	−0.0164***	−0.0139	−0.0277***	−0.0404***
	(0.0123)	(0.0086)	(0.0044)	(0.0159)	(0.0052)	(0.0120)
Constant	0.6028**	−0.4206**	0.1379	1.1303***	0.9935***	0.5683
	(0.2991)	(0.1855)	(0.1013)	(0.3354)	(0.1907)	(0.4259)
Pred.HE=0	0.8777	0.2037	0.032	0.9345	0.9674	0.5152
Pred.HE=1	0.7869	0.1403	0.0155	0.976	0.9522	0.4109
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	303	1,921	2,556
Adjusted R^2	0.0729	0.0763	0.0550	0.0363	0.0218	0.1638

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether (at least) one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression. An overview of these coefficients can be found in Table F5.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household. A graphical representation is available in appendix figures F3 & F4 for the MBO (over higher education) and HBO (over WO) expectations respectively.

Table F3: Mismatched Expectations

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.0536**	0.0204*	−0.0185	0.0001	−0.0570***	0.0099
	(0.0241)	(0.0114)	(0.0191)	(0.0098)	(0.0193)	(0.0083)
Age	−0.0167	0.0040	0.0389*	0.0198**	−0.0024	0.0077
	(0.0198)	(0.0108)	(0.0209)	(0.0094)	(0.0213)	(0.0093)
Female	−0.0023	−0.0203**	−0.0172	−0.0010	−0.0655***	−0.0098*
	(0.0164)	(0.0089)	(0.0152)	(0.0081)	(0.0156)	(0.0051)
Exit-Score	0.0410***	−0.0091*	−0.0009	−0.0034	−0.0340***	0.0001
	(0.0131)	(0.0055)	(0.0076)	(0.0039)	(0.0070)	(0.0028)
Self-Efficacy	0.0605***	−0.0012	0.0334***	−0.0139***	−0.0078	−0.0147***
	(0.0101)	(0.0056)	(0.0083)	(0.0052)	(0.0087)	(0.0033)
Help-Homework	0.0006	0.0081	−0.0011	−0.0023	0.0086	0.0024
	(0.0097)	(0.0054)	(0.0077)	(0.0032)	(0.0094)	(0.0040)
Talks about School	−0.0253*	0.0098	−0.0298***	0.0102*	−0.0435***	0.0015
	(0.0134)	(0.0064)	(0.0100)	(0.0054)	(0.0103)	(0.0038)
Constant	0.3966	−0.0429	−0.1807	−0.2700*	0.5277*	−0.0883
	(0.3069)	(0.1733)	(0.3161)	(0.1533)	(0.3161)	(0.1439)
Pred.HE=0	0.2593	0.0372	0.2657	0.0269	0.312	0.0159
Pred.HE=1	0.313	0.0576	0.2472	0.027	0.255	0.0258
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	1,844	2,300	2,300	2,607	2,607
Adjusted R^2	0.0657	0.0136	0.0222	0.0159	0.0427	0.0050

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational level compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational level compared to their parent.

All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression. An overview of these coefficients can be found in Table F6.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

F.2 Additional Coefficients

Table F4: Student Expectations: Missing Coefficients

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
Income=2	0.0428	0.0024	−0.0104	0.0214	0.0306	0.0271
	(0.0325)	(0.0169)	(0.0073)	(0.0444)	(0.0297)	(0.0267)
Income=3	−0.0080	0.0122	−0.0075	0.0363	0.0100	0.0344
	(0.0387)	(0.0171)	(0.0098)	(0.0380)	(0.0306)	(0.0341)
Income=4	−0.0605*	0.0050	−0.0108	−0.0065	−0.0259	−0.0564**
	(0.0341)	(0.0138)	(0.0090)	(0.0508)	(0.0252)	(0.0242)
Income=Missing	0.0470	0.0122	−0.0105	−0.0029	−0.0094	−0.0216
	(0.0357)	(0.0125)	(0.0087)	(0.0348)	(0.0225)	(0.0294)
Maternal-Emp=1	−0.0039	−0.0121	0.0006	0.0731	0.0355	0.0205
	(0.0265)	(0.0183)	(0.0037)	(0.0455)	(0.0341)	(0.0171)
Maternal-Emp=2	0.0222	−0.0029	0.0031	0.0141	0.0107	0.0176
	(0.0290)	(0.0180)	(0.0044)	(0.0354)	(0.0281)	(0.0186)
Year=2016	−0.0545	−0.0199	−0.0022	0.0045	0.0973***	0.0860***
	(0.0385)	(0.0135)	(0.0043)	(0.0438)	(0.0284)	(0.0214)
Year=2018	−0.0800	0.0100	−0.0022	−0.0369	0.0792***	0.1020***
	(0.0525)	(0.0119)	(0.0041)	(0.0639)	(0.0292)	(0.0174)
Year=2020	−0.0885*	−0.0214	−0.0049	0.0027	0.1367***	0.1451***
	(0.0468)	(0.0170)	(0.0034)	(0.0476)	(0.0380)	(0.0284)
Year=2022	0.0970	0.0510*	−0.0045	−0.0929	0.1213***	0.1256***
	(0.0708)	(0.0284)	(0.0036)	(0.0829)	(0.0345)	(0.0394)
Pred.HE=0	0.6584	0.0682	0.0049	0.9194	0.8551	0.2429
Pred.HE=1	0.5447	0.0386	0.003	0.9059	0.826	0.1946
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	727	2,185	2,598
Adjusted R^2	0.1399	0.0618	−0.0030	0.0333	0.0637	0.1562

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Baseline categories are: lowest income quartile for income, the mother not working for maternal employment and the year 2014 for the year fixed effects.

School fixed effects are still included in the regression, but not shown due to the sheer number of schools, and thus coefficients, in the data.

Table F5: parent Expectations: Missing Coefficients

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
Income=2	0.0110	0.0394	−0.0057	0.0076	0.0166	0.0502
	(0.0389)	(0.0294)	(0.0131)	(0.0532)	(0.0138)	(0.0336)
Income=3	−0.0056	0.0229	−0.0098	−0.0104	0.0146	0.0355
	(0.0289)	(0.0318)	(0.0114)	(0.0494)	(0.0114)	(0.0395)
Income=4	−0.0420	0.0175	−0.0175	0.0253	−0.0105	−0.0961**
	(0.0379)	(0.0298)	(0.0115)	(0.0362)	(0.0136)	(0.0441)
Income=Missing	−0.0164	0.0394	−0.0154	0.0059	0.0141	−0.0228
	(0.0296)	(0.0338)	(0.0122)	(0.0466)	(0.0122)	(0.0360)
Maternal-Emp=1	0.1218***	−0.0139	−0.0045	0.0012	0.0374**	0.1210***
	(0.0309)	(0.0239)	(0.0088)	(0.0313)	(0.0173)	(0.0304)
Maternal-Emp=2	0.0776**	−0.0160	0.0105	−0.0402	0.0367**	0.0789**
	(0.0311)	(0.0244)	(0.0094)	(0.0409)	(0.0170)	(0.0372)
Year=2016	0.0246	−0.0156	0.0169**	−0.0240	0.0204	0.0396
	(0.0242)	(0.0184)	(0.0072)	(0.0353)	(0.0137)	(0.0293)
Year=2018	0.0278	0.1227***	0.0636***	0.0082	−0.0051	0.0031
	(0.0295)	(0.0232)	(0.0100)	(0.0347)	(0.0189)	(0.0295)
Year=2020	−0.0264	0.0203	0.0142	−0.0674	0.0196	0.0227
	(0.0553)	(0.0306)	(0.0088)	(0.0589)	(0.0249)	(0.0457)
Year=2022	0.0289	0.0076	0.0147**	−0.0414	−0.0020	0.1152**
	(0.0363)	(0.0309)	(0.0060)	(0.1202)	(0.0288)	(0.0472)
Pred.HE=0	0.8777	0.2037	0.032	0.9345	0.9674	0.5152
Pred.HE=1	0.7869	0.1403	0.0155	0.976	0.9522	0.4109
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	303	1,921	2,556
Adjusted R^2	0.0729	0.0763	0.0550	0.0363	0.0218	0.1638

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Baseline categories are: lowest income quartile for income, the mother not working for maternal employment and the year 2014 for the year fixed effects.

School fixed effects are still included in the regression, but not shown due to the sheer number of schools, and thus coefficients, in the data.

Table F6: Mismatched Expectations: Missing Coefficients

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
Income=2	−0.0442	−0.0005	0.0048	−0.0146	0.0309	−0.0111
	(0.0314)	(0.0200)	(0.0366)	(0.0130)	(0.0350)	(0.0124)
Income=3	−0.0072	−0.0045	0.0206	0.0018	0.0028	−0.0044
	(0.0339)	(0.0146)	(0.0408)	(0.0151)	(0.0412)	(0.0155)
Income=4	0.0217	0.0042	0.0233	−0.0064	−0.0467	−0.0108
	(0.0416)	(0.0191)	(0.0382)	(0.0135)	(0.0429)	(0.0136)
Income=Missing	−0.0529	0.0173	0.0361	−0.0168	−0.0123	−0.0235**
	(0.0363)	(0.0133)	(0.0344)	(0.0116)	(0.0388)	(0.0119)
Maternal-Emp=1	0.0365	−0.0651***	−0.0035	−0.0006	0.0679***	−0.0233*
	(0.0275)	(0.0216)	(0.0333)	(0.0128)	(0.0256)	(0.0121)
Maternal-Emp=2	0.0068	−0.0307	0.0172	0.0091	0.0475**	−0.0152
	(0.0279)	(0.0230)	(0.0342)	(0.0122)	(0.0239)	(0.0120)
Year=2016	0.0564*	−0.0175	−0.0860***	−0.0192	−0.0276	−0.0018
	(0.0313)	(0.0177)	(0.0278)	(0.0117)	(0.0259)	(0.0095)
Year=2018	0.0805**	−0.0246	0.0172	−0.0079	−0.0264	0.0075
	(0.0321)	(0.0236)	(0.0309)	(0.0118)	(0.0257)	(0.0121)
Year=2020	0.0575	−0.0041	−0.1079***	−0.0347**	−0.0927**	0.0051
	(0.0633)	(0.0223)	(0.0335)	(0.0152)	(0.0384)	(0.0118)
Year=2022	−0.0850	0.0010	−0.1661***	0.0031	0.0151	0.0047
	(0.0677)	(0.0325)	(0.0392)	(0.0152)	(0.0351)	(0.0101)
Pred.HE=0	0.2593	0.2657	0.312	0.0372	0.0269	0.0159
Pred.HE=1	0.313	0.2472	0.255	0.0576	0.027	0.0258
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	1,844	2,300	2,300	2,607	2,607
Adjusted R^2	0.0657	0.0136	0.0222	0.0159	0.0427	0.0050

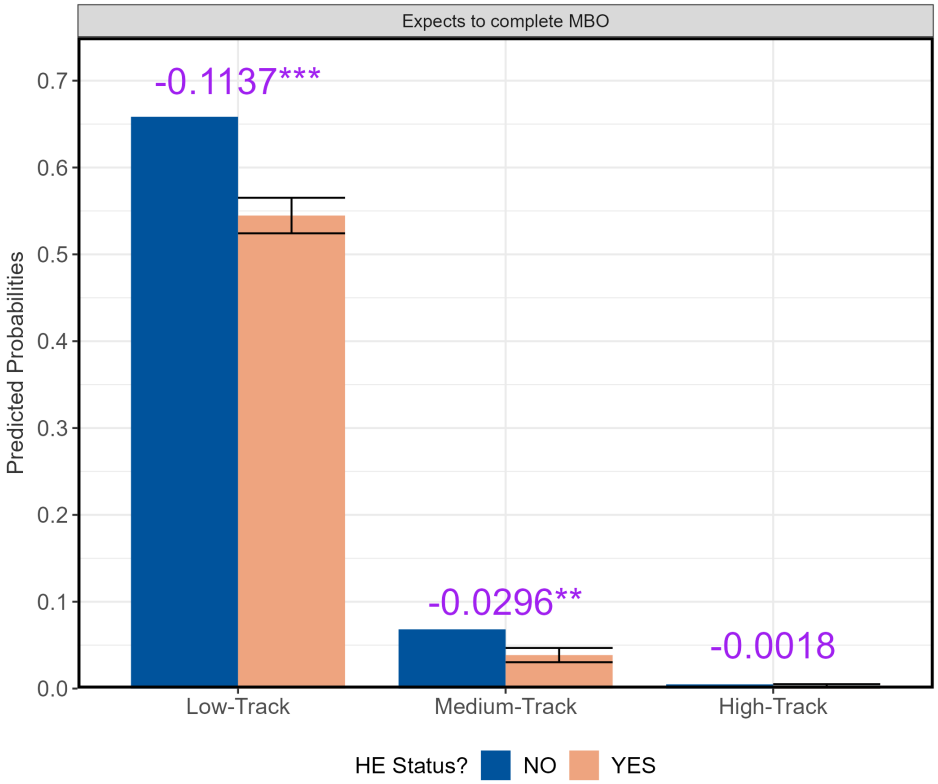
Significance levels: *p<0.1; **p<0.05; ***p<0.01

Baseline categories are: lowest income quartile for income, the mother not working for maternal employment and the year 2014 for the year fixed effects.

School fixed effects are still included in the regression, but not shown due to the sheer number of schools, and thus coefficients, in the data.

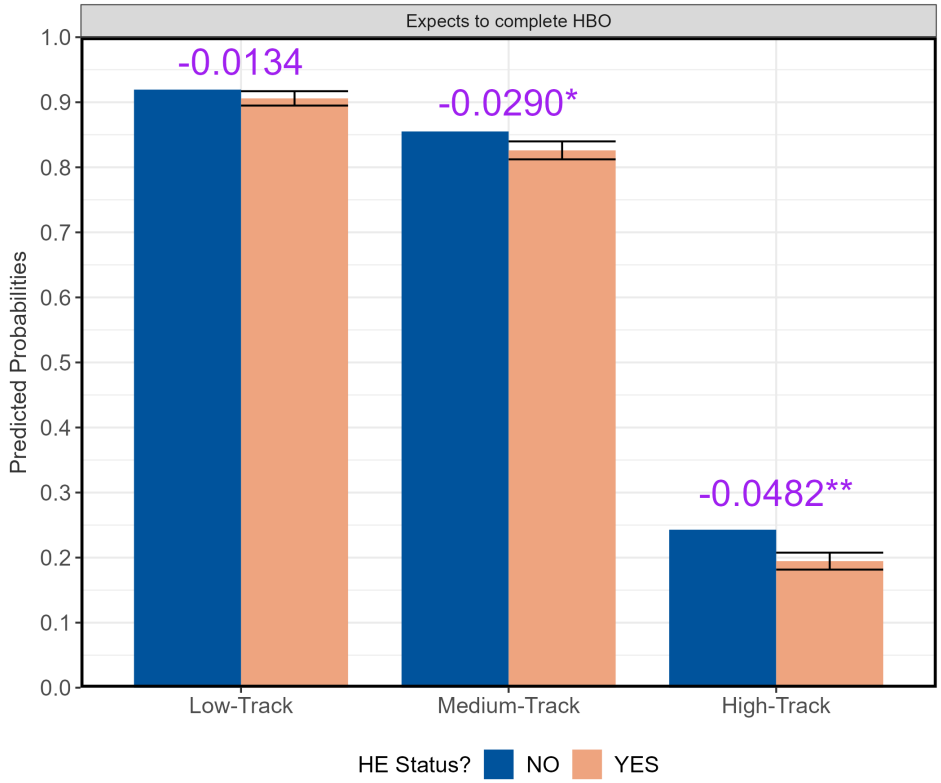
F.3 Predicted Probability

Figure F1: Student: MBO over HE



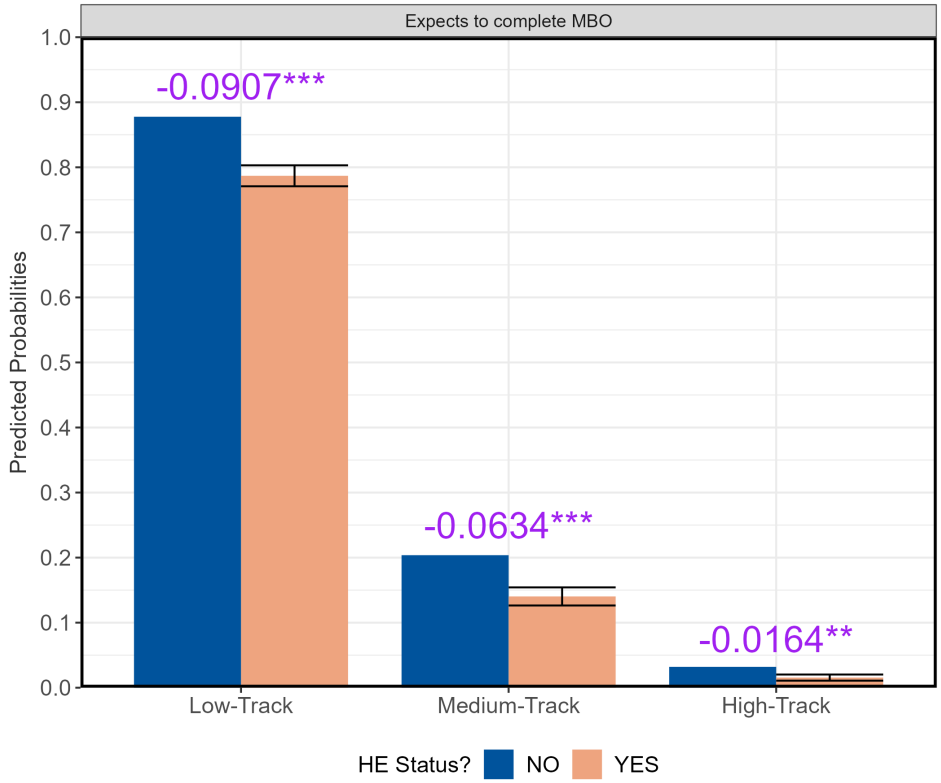
Note: This graph illustrates the predicted probability from a linear regression model of parental education, and the other covariates mentioned in equation 1, on the expectations of the students' whether a MBO degree will be their educational attainment compared to Higher Education. The brown column presents the outcome for the group of students who have at least one parent that completed higher education. Conversely, the blue column indicates the outcome for the group of students that do not have a higher education parent. The coefficient represents the regression coefficient (including significance level) from the regressions performed in Table F1. The error bars indicate the 95% confidence interval around these estimates, again utilizing the standard errors from Table F1.

Figure F2: Student: HBO over WO



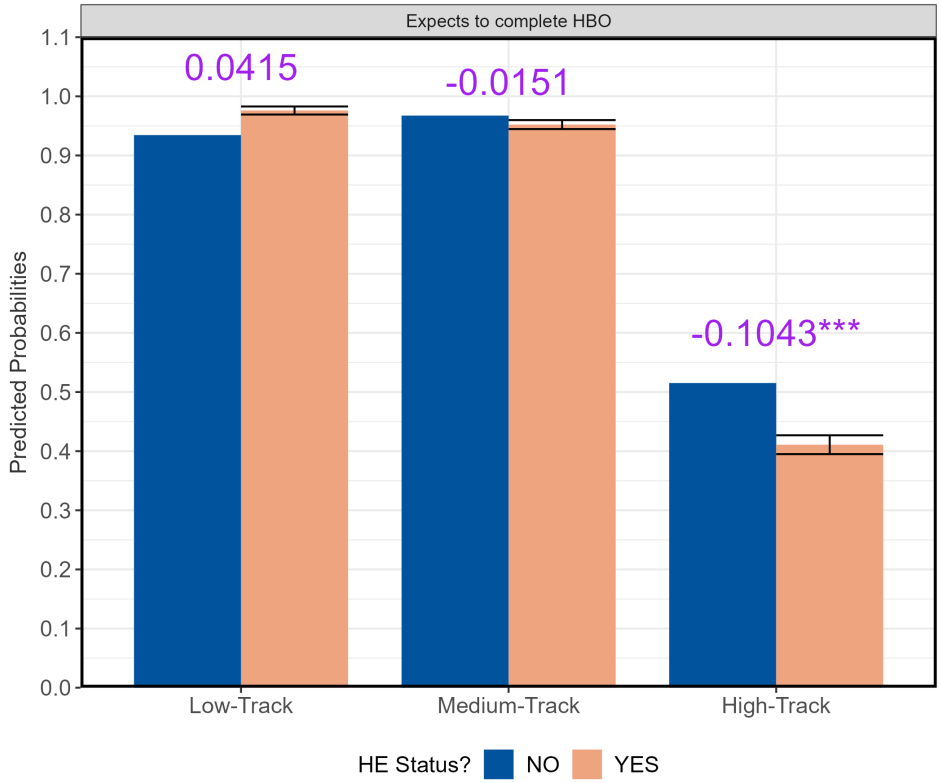
Note: This graph illustrates the predicted probability from a linear regression model of parental education, and the other covariates mentioned in equation 1, on the expectations of the students' whether a HBO degree will be their educational attainment rather than an a WO degree (University), when they expect to complete either of these forms (Higher Education). The growth column presents the outcome for the group of students who have at least one parent that completed higher education. Conversely, the blue column indicates the outcome for the group of students that do not have a higher education parents. The coefficient represents the regression coefficient (including significance level) from the regressions performed in Table F1. The error bars indicate the 95% confidence interval around these estimates, again utilizing the standard errors from Table F1.

Figure F3: Parent: MBO over HE



Note: This graph illustrates the predicted probability from a linear regression model of parental education, and the other covariates mentioned in equation 1, on the expectation of the parents' whether they expect their child to complete a MBO degree over Higher Education (HBO & WO). The brown column presents the outcome for the group of parents of which at least one parent in the household completed higher education. Conversely, the blue column indicates the outcome for the group of parents that did not complete higher education. The coefficient represents the regression coefficient (including significance level) from the regressions performed in Table F2. The error bars indicate the 95% confidence interval around these estimates, again utilizing the standard errors from Table F2.

Figure F4: Parent: HBO over WO



This graph illustrates the predicted probability from a linear regression model of parental education, and the other covariates mentioned in equation 1, on the expectations of the parent whether their child will end up completing a HBO degree rather than a WO degree, when they do expect a form of higher education. The brown column presents the outcome for the group of parents of which at least one parent in the household completed higher education. Conversely, the blue column indicates the outcome for the group of parents that did not complete higher education. The coefficient represents the regression coefficient (including significance level) from the regressions performed in Table F2. The error bars indicate the 95% confidence interval around these estimates, again utilizing the standard errors from Table F2.

G Robustness

G.1 Logit

Our current approach to modeling the educational attainment expectations of students and their parents, as well as their alignment, rely on linear probability models. Accordingly, the predicted probabilities obtained from these analyses could be outside of the probabilities range (0,1). Besides, linear probability models might be biased in the presence of extreme probabilities, e.g. below 20 percent or above 80 percent, which occurs within our setting, in particular with the individual expectations. Therefore, we repeat the initial analysis using logistic regression models. These analyses, as shown below (Tables G1-G3), reconfirm our previous findings.

Table G1: Student Expectations: Logit Specification

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.5527***	−0.6939**	−0.4092	−0.1845	−0.2459*	−0.3473**
	(0.1139)	(0.3196)	(0.8939)	(0.4723)	(0.1366)	(0.1458)
Age	0.1933**	0.6813***	0.3085	0.1832	−0.0885	0.0309
	(0.0782)	(0.2615)	(0.6715)	(0.3911)	(0.1243)	(0.1798)
Female	−0.1271	−0.2442	−1.1644**	0.4340	−0.0556	−0.1114
	(0.1003)	(0.2041)	(0.5778)	(0.2917)	(0.1718)	(0.1189)
Exit-Score	−0.1587**	−0.2288**	−0.6532**	0.2344	−0.1194**	−0.2605***
	(0.0633)	(0.1069)	(0.2838)	(0.2694)	(0.0558)	(0.0564)
Self-Efficacy	−0.5764***	−0.8426***	−0.4136	−0.1253	−0.6083***	−0.9163***
	(0.0596)	(0.0982)	(0.3429)	(0.1592)	(0.0583)	(0.0368)
Help-Homework	0.0606	0.2531*	0.6163	−0.0865	0.1057*	0.1969***
	(0.0399)	(0.1332)	(0.4751)	(0.1339)	(0.0569)	(0.0642)
Talks about School	0.0336	−0.1551	−0.9774*	0.0327	−0.2203***	−0.0718
	(0.0851)	(0.1608)	(0.5468)	(0.1810)	(0.0677)	(0.0639)
Constant	−0.7882	−13.0053***	−5.4659	16.5200***	2.9282	−2.7380
	(1.1673)	(4.2641)	(9.7639)	(6.3784)	(2.0122)	(2.8131)
Pred.HE=0	0.6578	0.0693	0.0044	0.9195	0.8554	0.2412
Pred.HE=1	0.5467	0.0387	0.003	0.9067	0.8255	0.1938
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	727	2,185	2,598
Log Likelihood	−1,061.1430	−374.4894	−38.2708	−176.9350	−874.7134	−1,074.3580
Akaike Inf. Crit.	2,248.2860	848.9788	178.5416	471.8701	1,847.4270	2,250.7160

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are logistic regression models. Coefficient of interest is whether (at least) one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household. Predicted probabilities are calculated at the mean.

Table G2: Parent Expectations: Logit Specification

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.7529***	−0.4955***	−0.8943***	1.3697	−0.4714	−0.4993***
	(0.1536)	(0.1086)	(0.3106)	(1.4667)	(0.3318)	(0.1198)
Age	0.2266	0.4070***	−0.4164	1.2953	0.0012	−0.0055
	(0.1548)	(0.1001)	(0.3545)	(1.3146)	(0.2721)	(0.1400)
Female	−0.0448	−0.2822**	−0.7487**	−0.8400	0.0635	−0.3405***
	(0.1137)	(0.1193)	(0.3445)	(1.1195)	(0.2437)	(0.0733)
Exit-Score	0.1567***	−0.1780***	−0.2409	0.7024	0.0206	−0.3386***
	(0.0471)	(0.0458)	(0.2015)	(0.5343)	(0.1321)	(0.0597)
Self-Efficacy	−0.4789***	−0.3741***	−0.5694***	0.7775	−0.4934***	−0.5424***
	(0.0662)	(0.0589)	(0.1649)	(0.6234)	(0.1534)	(0.0524)
Help-Homework	0.0393	0.1802***	−0.1641	0.8946**	0.0483	0.1755***
	(0.0771)	(0.0605)	(0.2408)	(0.4384)	(0.1273)	(0.0424)
Talks about School	−0.2380**	−0.3970***	−0.8432***	−0.7654	−0.8842***	−0.2088***
	(0.1080)	(0.0605)	(0.2154)	(0.5727)	(0.1822)	(0.0579)
Constant	14.3234***	−6.6613***	2.8311	4.2634	4.8738	0.4585
	(2.8064)	(1.4012)	(5.4555)	(18.8273)	(4.7017)	(2.0997)
Pred.HE=0	0.8799	0.2035	0.0305	0.9456	0.9685	0.5129
Pred.HE=1	0.7876	0.1405	0.0149	0.9769	0.9518	0.4106
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	303	1,921	2,556
Log Likelihood	−719.9614	−916.0468	−158.5505	−23.6039	−287.5930	−1,494.5900
Akaike Inf. Crit.	1,565.9230	1,932.0940	419.1010	157.2078	673.1860	3,091.1800

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are logistic regression models. Coefficient of interest is whether (at least) one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household. Predicted probabilities are calculated at the mean.

Table G3: Mismatched Expectations: Logit Specification

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.2902**	0.4780*	−0.1043	0.0264	−0.2829***	0.4861
	(0.1291)	(0.2703)	(0.1030)	(0.4215)	(0.0965)	(0.4521)
Age	−0.0901	0.1215	0.2101*	0.5711**	−0.0061	0.2900
	(0.1080)	(0.2522)	(0.1105)	(0.2739)	(0.1165)	(0.3798)
Female	−0.0146	−0.4932**	−0.0955	−0.0852	−0.3573***	−0.3746*
	(0.0897)	(0.2065)	(0.0827)	(0.3275)	(0.0783)	(0.2153)
Exit-Score	0.2205***	−0.1915	−0.0050	−0.1499	−0.1784***	−0.0201
	(0.0681)	(0.1252)	(0.0436)	(0.1599)	(0.0358)	(0.1181)
Self-Efficacy	0.3282***	−0.0467	0.1847***	−0.4952***	−0.0424	−0.6073***
	(0.0557)	(0.1320)	(0.0462)	(0.1469)	(0.0467)	(0.0943)
Help-Homework	0.0019	0.1671	−0.0033	−0.0577	0.0496	0.0808
	(0.0534)	(0.1176)	(0.0435)	(0.1202)	(0.0517)	(0.1701)
Talks about School	−0.1323*	0.2879	−0.1627***	0.4231	−0.2317***	0.0581
	(0.0722)	(0.1869)	(0.0524)	(0.2887)	(0.0548)	(0.1722)
Constant	−0.4972	−20.4082***	−3.4715**	−12.6128***	0.2143	−8.5216
	(1.6611)	(4.2908)	(1.6845)	(4.6569)	(1.7250)	(5.8626)
Pred.HE=0	0.2589	0.0373	0.2659	0.0266	0.3088	0.0165
Pred.HE=1	0.3122	0.0574	0.2469	0.0272	0.255	0.0261
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	1,844	2,300	2,300	2,607	2,607
Log Likelihood	−999.8062	−303.9346	−1,251.9600	−243.9452	−1,435.5910	−255.4169
Akaike Inf. Crit.	2,125.6120	733.8693	2,603.9200	587.8903	2,973.1820	612.8337

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational institute compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational institute compared to their parent.

All analyses are logistic regression models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household. Predicted probabilities are calculated at the mean.

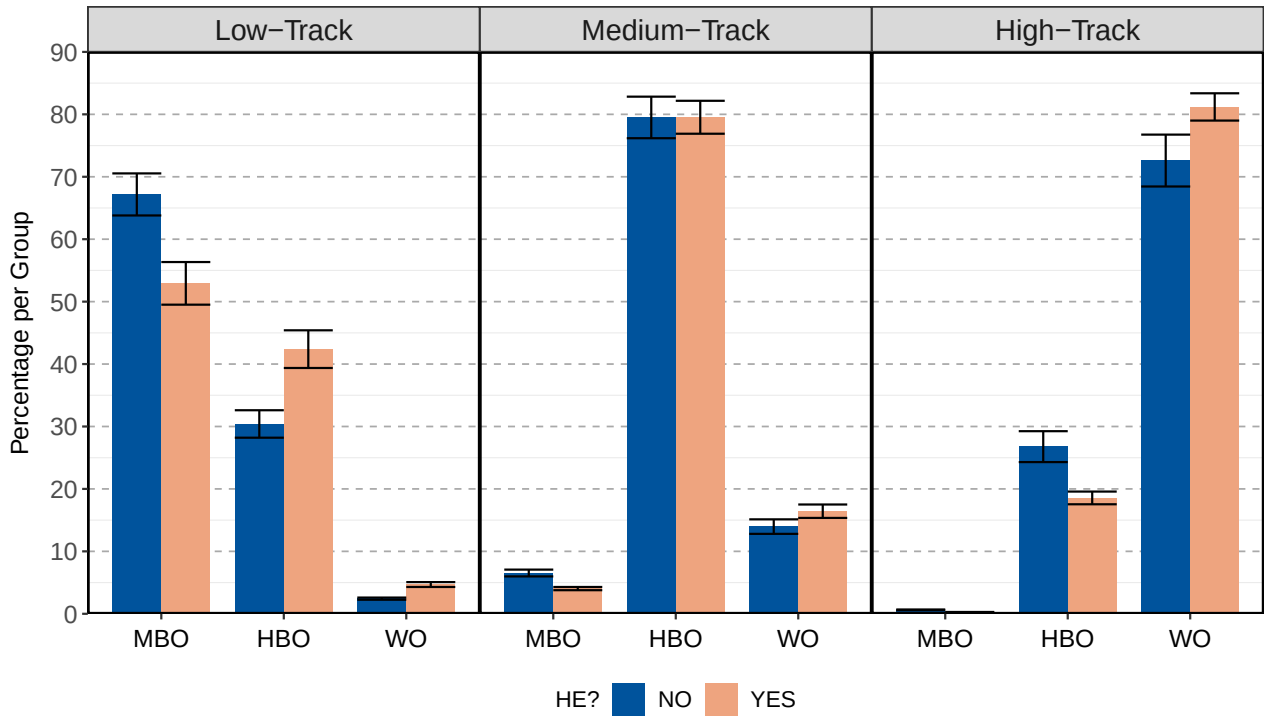
G.2 Multinomial Logit

A similar concern to the aforementioned logit specification is that we impose structure on the models by restricting the variables. For instance, for the individual expectations we compare the expectation of completing HBO compared to higher-education, and within higher-education whether HBO is expected or WO. Although this structure matches the decision making process, it might bias the estimate by selecting the sample. Accordingly, to mitigate such concerns we also perform multinomial logistic regressions. For the educational attainment expectations of students and parents we take HBO as the reference category, such that the logic remains similar to before, with MBO indicating an expectation of not enrolling and completing higher-education, and WO indicating a trade-off between the higher-education options. For the analysis on alignment, the case of congruence in their educational expectations acts as the baseline.

These results, shown in Tables G5, G6 & G8, re-affirm our previous findings. Furthermore, it also suggests that higher-educated parents who have a child in the low-track are less likely to expect that their child will complete WO, and more likely to expect WO for their medium-track child. Although, these potential associations are only valid at the 10% significance level.[46]

G.2.1 Students

Figure G1: Students Expectations



Note: This figure presents the share of students, by parental background and high-school track, that expects to complete one of the future education options. The numbers behind the figure are available in Appendix Table G4. The confidence intervals depict the 95% confidence interval.

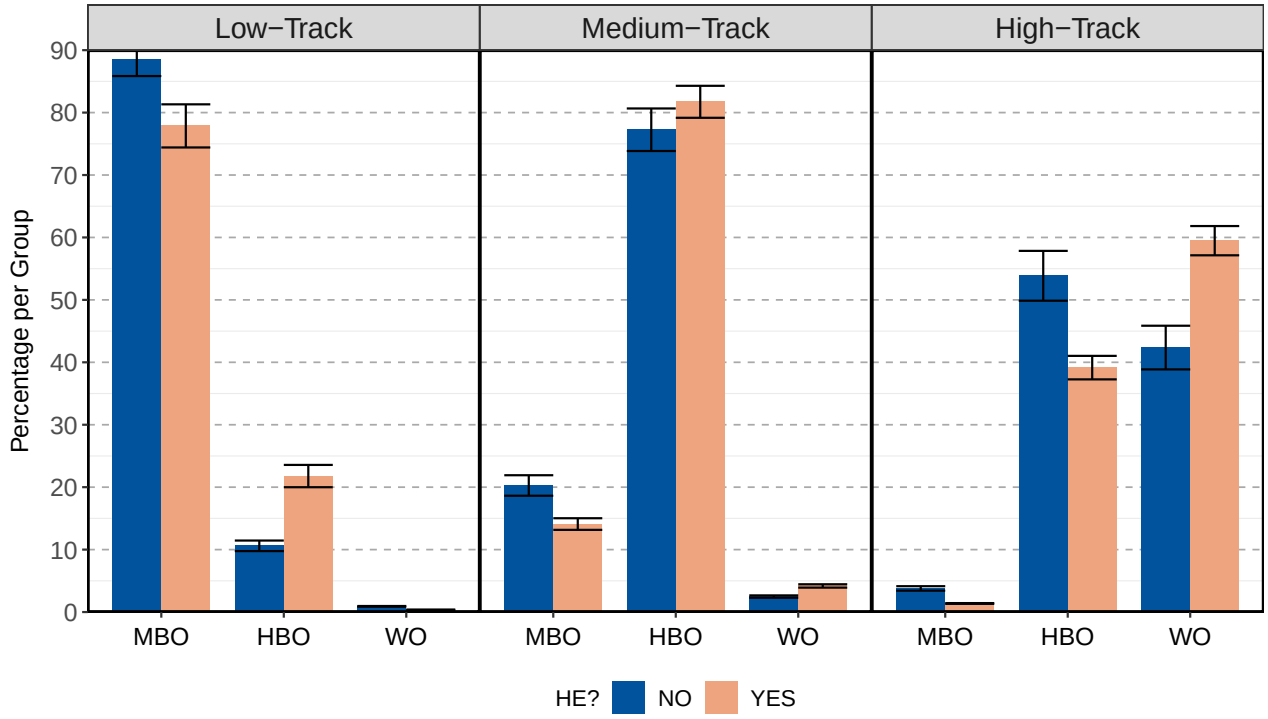
[46] Occurrence of these expectations is also relatively scarce, with 12 parents of low-track students expecting WO education and 71 medium-track parents.

Table G4: Students Expectations by Parental Education

		No-HE			HE			
School-Track	Expectation	Number	Size	Percentage	Number	Size	Percentage	Pvalue
High-Track	WO	461	635	72.598%	1601	1972	81.187%	0.008
High-Track	HBO	170	635	26.772%	366	1972	18.56%	0.000
High-Track	MBO	4	635	0.63%	5	1972	0.254%	0.000
Medium-Track	WO	124	888	13.964%	232	1412	16.431%	0.031
Medium-Track	HBO	706	888	79.505%	1123	1412	79.533%	0.993
Medium-Track	MBO	58	888	6.532%	57	1412	4.037%	0.000
Low-Track	WO	24	990	2.424%	40	854	4.684%	0.000
Low-Track	HBO	301	990	30.404%	362	854	42.389%	0.000
Low-Track	MBO	665	990	67.172%	452	854	52.927%	0.000

G.2.2 Parents

Figure G2: Parents Expectations



This figure presents the share of parents, by their education level (higher education or not) and high-school track of their student, that expects their child to complete one of the future education options. The numbers behind the figure are available in Appendix Table G7. The confidence intervals depict the 95% confidence interval.

Table G5: Student Expectations: Multinomial

	Low-Track		Medium-Track		High-Track	
	MBO	WO	MBO	WO	MBO	WO
HE	−0.5283***	0.2697	−0.6636***	0.2431*	−0.1927	0.3458***
	(0.1181)	(0.3173)	(0.2254)	(0.1384)	(0.7756)	(0.1279)
Age	0.1796*	−0.1770	0.6923***	0.0893	0.2581	−0.0374
	(0.1055)	(0.2665)	(0.2092)	(0.1274)	(0.8448)	(0.1372)
Female	−0.1596	−0.3950	−0.2389	0.0581	−1.1210	0.1082
	(0.1120)	(0.2904)	(0.2133)	(0.1271)	(0.7790)	(0.1116)
Exit-Score	−0.1790***	−0.2363	−0.2134**	0.1278*	−0.4679	0.2603***
	(0.0578)	(0.1476)	(0.1018)	(0.0661)	(0.3991)	(0.0546)
Self-Efficacy	−0.5635***	0.1490	−0.7772***	0.6021***	0.1828	0.9152***
	(0.0598)	(0.1461)	(0.0996)	(0.0695)	(0.3822)	(0.0622)
Help-Homework	0.0691	0.0914	0.2392**	−0.1087*	0.4755	−0.1939***
	(0.0539)	(0.1348)	(0.1031)	(0.0600)	(0.4063)	(0.0554)
Talks about School	0.0306	−0.0299	−0.1284	0.2213***	−0.9309**	0.0690
	(0.0649)	(0.1674)	(0.1316)	(0.0768)	(0.4539)	(0.0667)
Constant	−0.5203	−10.6262***	−12.9644***	−2.9332	−2.3455	2.8429
	(1.7821)	(3.9745)	(3.3200)	(2.0112)	(12.9938)	(2.1498)
Pred.PFGS=0	0.6577	0.0263	0.0692	0.1356	0.0044	0.7557
Pred.PFGS=1	0.5471	0.0434	0.0387	0.1672	0.003	0.8037
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	YES
Observations	1844	1844	2300	2300	2607	2607

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO).

The analyses consists of multinomial logistic regression models, with the base category being equal to a expecting to complete HBO (Vocational University).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Predicted probabilities shown above are calculated at the mean.

Table G6: Parent Expectations: Multinomial

	Low-Track		Medium-Track		High-Track	
	MBO	WO	MBO	WO	MBO	WO
HE	−0.8119***	−1.3207*	−0.4822***	0.4746*	−0.6965**	0.4949***
	(0.1548)	(0.7822)	(0.1307)	(0.2851)	(0.3515)	(0.1087)
Age	0.2426*	0.1864	0.4066***	−0.0337	−0.4178	0.0096
	(0.1352)	(0.6694)	(0.1259)	(0.2435)	(0.3756)	(0.1112)
Female	−0.0016	1.1975	−0.2822**	−0.0806	−0.5940*	0.3411***
	(0.1434)	(0.7929)	(0.1238)	(0.2451)	(0.3363)	(0.0913)
Exit-Score	0.1431**	−0.2608	−0.1788***	−0.0039	−0.0997	0.3396***
	(0.0720)	(0.3152)	(0.0605)	(0.1242)	(0.1589)	(0.0471)
Self-Efficacy	−0.4894***	−0.2490	−0.3604***	0.4694***	−0.3670**	0.5403***
	(0.0748)	(0.3456)	(0.0607)	(0.1300)	(0.1489)	(0.0499)
Help-Homework	0.0270	−0.4137	0.1787***	−0.0568	−0.2543	−0.1757***
	(0.0671)	(0.3036)	(0.0612)	(0.1076)	(0.1870)	(0.0447)
Talks about School	−0.2300***	0.3061	−0.3732***	0.9019***	−0.7468***	0.2102***
	(0.0860)	(0.3977)	(0.0739)	(0.1803)	(0.1866)	(0.0538)
Constant	12.3135***	−19.1246*	−6.6192***	−4.4978	3.3839	−0.5411
	(2.0692)	(9.7661)	(1.9915)	(3.8347)	(5.9926)	(1.7339)
Pred.PFGS=0	0.8806	0.0079	0.2036	0.0253	0.0308	0.4735
Pred.PFGS=1	0.7879	0.0043	0.1405	0.0412	0.0149	0.5798
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	YES
Observations	1844	1844	2300	2300	2607	2607

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO).

The analyses consists of multinomial logistic regression models, with the base category being equal to the parent expecting their child to complete HBO (Vocational University).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Predicted probabilities shown above are calculated at the mean.

Table G7: Parents Expectations by Parental Education

		No-HE			HE			
School-Track	Expectation	Number	Size	Percentage	Number	Size	Percentage	Pvalue
High-Track	WO	269	635	42.362%	1173	1972	59.483%	0.000
High-Track	HBO	342	635	53.858%	772	1972	39.148%	0.000
High-Track	MBO	24	635	3.78%	27	1972	1.369%	0.000
Medium-Track	WO	22	888	2.477%	59	1412	4.178%	0.000
Medium-Track	HBO	686	888	77.252%	1154	1412	81.728%	0.142
Medium-Track	MBO	180	888	20.27%	199	1412	14.093%	0.000
Low-Track	WO	9	990	0.909%	3	854	0.351%	0.000
Low-Track	HBO	105	990	10.606%	186	854	21.78%	0.000
Low-Track	MBO	876	990	88.485%	665	854	77.869%	0.001

G.2.3 Mismatch

Table G8: Mismatch in Expectations: Multinomial

	Low-Track		Medium-Track		High-Track	
	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par
HE	0.5583**	0.3217***	0.0015	−0.1048	0.3960	−0.2711**
	(0.2559)	(0.1215)	(0.2982)	(0.1088)	(0.3615)	(0.1096)
Age	0.1043	−0.0829	0.6278**	0.2377**	0.2873	0.0054
	(0.2215)	(0.1076)	(0.2573)	(0.1047)	(0.3114)	(0.1153)
Female	−0.5000**	−0.0445	−0.1072	−0.0976	−0.4810*	−0.3770***
	(0.2472)	(0.1149)	(0.2793)	(0.1022)	(0.2720)	(0.0940)
Exit-Score	−0.1325	0.2111***	−0.1524	−0.0094	−0.0721	−0.1799***
	(0.1206)	(0.0597)	(0.1395)	(0.0518)	(0.1360)	(0.0471)
Self-Efficacy	0.0421	0.3312***	−0.4542***	0.1679***	−0.6276***	−0.0668
	(0.1213)	(0.0584)	(0.1258)	(0.0519)	(0.1281)	(0.0485)
Help-Homework	−1.3433***	0.1117	−0.0944	−0.0111	−0.8327**	0.3383**
	(0.3319)	(0.1777)	(0.4581)	(0.1602)	(0.3756)	(0.1524)
Talks about School	−0.4937	−0.0111	0.3227	0.1081	−0.4156	0.2339
	(0.3040)	(0.1846)	(0.4674)	(0.1677)	(0.3924)	(0.1640)
Constant	0.1710	0.0131	−0.0608	−0.0061	0.0943	0.0536
	(0.1118)	(0.0556)	(0.1260)	(0.0495)	(0.1340)	(0.0467)
talk_school	0.2553	−0.1194*	0.3848**	−0.1506**	−0.0089	−0.2317***
	(0.1561)	(0.0663)	(0.1838)	(0.0605)	(0.1669)	(0.0546)
Constant	−11.9394***	−0.5725	−12.9441***	−3.8404**	−7.7931	0.0974
	(3.4084)	(1.8138)	(4.0599)	(1.6549)	(4.8960)	(1.7990)
Pred.PFGS=0	0.0374	0.259	0.0266	0.2659	0.0166	0.3088
Pred.PFGS=1	0.0573	0.312	0.0272	0.2468	0.0261	0.2549
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	YES
Observations	1844	1844	2300	2300	2607	2607

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO).

The analyses consists of multinomial logistic regression equations, with the base category being equal to students and parents expecting the same level of further education. Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Predicted probabilities shown above are calculated at the mean.

G.3 Dependent Variable

Akin to the multinomial logistic model, there is another approach we can take to highlight some of the underlying assumption made in the analysis. Specifically, in the (mis-)match analyses we compared, for instance, students who expect to complete a more selective education level to students who expect an identical or a less selective education level than the parent. In this approach, we were able to interpret the size of the coefficient as a change in the total share of observations belonging to that category (i.e. Stud >Par or Stud <Par). Nonetheless, this might over, or under, state the (potential) association between parental education and the occurrence of (mis-)matches. For instance, if parental education both reduces the share of observations belonging to 'Stud >Par' and increases it of 'Stud <Par'. Therefore, in another robustness check, shown in Table G9, we remove the alternative mismatch outcome in the creation of the (mis-)match variable. Accordingly, to re-use the previous example, now we will compare students who expect to complete a more selective education to students who expect the same education level as their parent. Results indicate that the previously obtained results remain valid. Besides, it indicates that the results in the low-track, where higher-educated parents were associated with more instances of both forms of mismatch, are potentially under-estimated.

Table G9: Mismatched Expectations: Outcome Change

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.0629**	0.0314**	−0.0184	−0.0009	−0.0563***	0.0131
	(0.0257)	(0.0158)	(0.0194)	(0.0130)	(0.0205)	(0.0126)
Age	−0.0155	0.0071	0.0439**	0.0281**	−0.0020	0.0090
	(0.0199)	(0.0158)	(0.0213)	(0.0126)	(0.0209)	(0.0115)
Female	−0.0068	−0.0297**	−0.0176	−0.0030	−0.0708***	−0.0150**
	(0.0170)	(0.0118)	(0.0162)	(0.0109)	(0.0159)	(0.0068)
Exit-Score	0.0404***	−0.0100	−0.0020	−0.0043	−0.0352***	−0.0011
	(0.0136)	(0.0075)	(0.0078)	(0.0053)	(0.0072)	(0.0039)
Self-Efficacy	0.0623***	0.0046	0.0318***	−0.0169**	−0.0120	−0.0201***
	(0.0108)	(0.0078)	(0.0087)	(0.0070)	(0.0091)	(0.0048)
Help-Homework	0.0034	0.0099	−0.0021	−0.0031	0.0096	0.0029
	(0.0098)	(0.0073)	(0.0083)	(0.0044)	(0.0099)	(0.0055)
Talks about School	−0.0235*	0.0112	−0.0281***	0.0114	−0.0441***	0.0001
	(0.0137)	(0.0087)	(0.0100)	(0.0075)	(0.0104)	(0.0053)
Constant	0.3825	−0.0823	−0.2459	−0.3746*	0.5373*	−0.0910
	(0.3038)	(0.2478)	(0.3207)	(0.2040)	(0.3093)	(0.1797)
Pred.HE=0	0.2693	0.0513	0.2727	0.0367	0.3178	0.0218
Pred.HE=1	0.3322	0.0828	0.2543	0.0358	0.2616	0.0349
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,758	1,320	2,238	1,715	2,546	1,906
Adjusted R^2	0.0647	0.0137	0.0217	0.0174	0.0451	0.0086

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Stud <Par": Dummy indicating that the student expects to complete a less selective education level than the parent, compared to all students who hold identical expectation to their parents; "Stud >Par": Dummy indicating that the student expects to complete a more selective education level than the parent, compared to all students who hold identical expectation to their parents;

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

G.4 Year

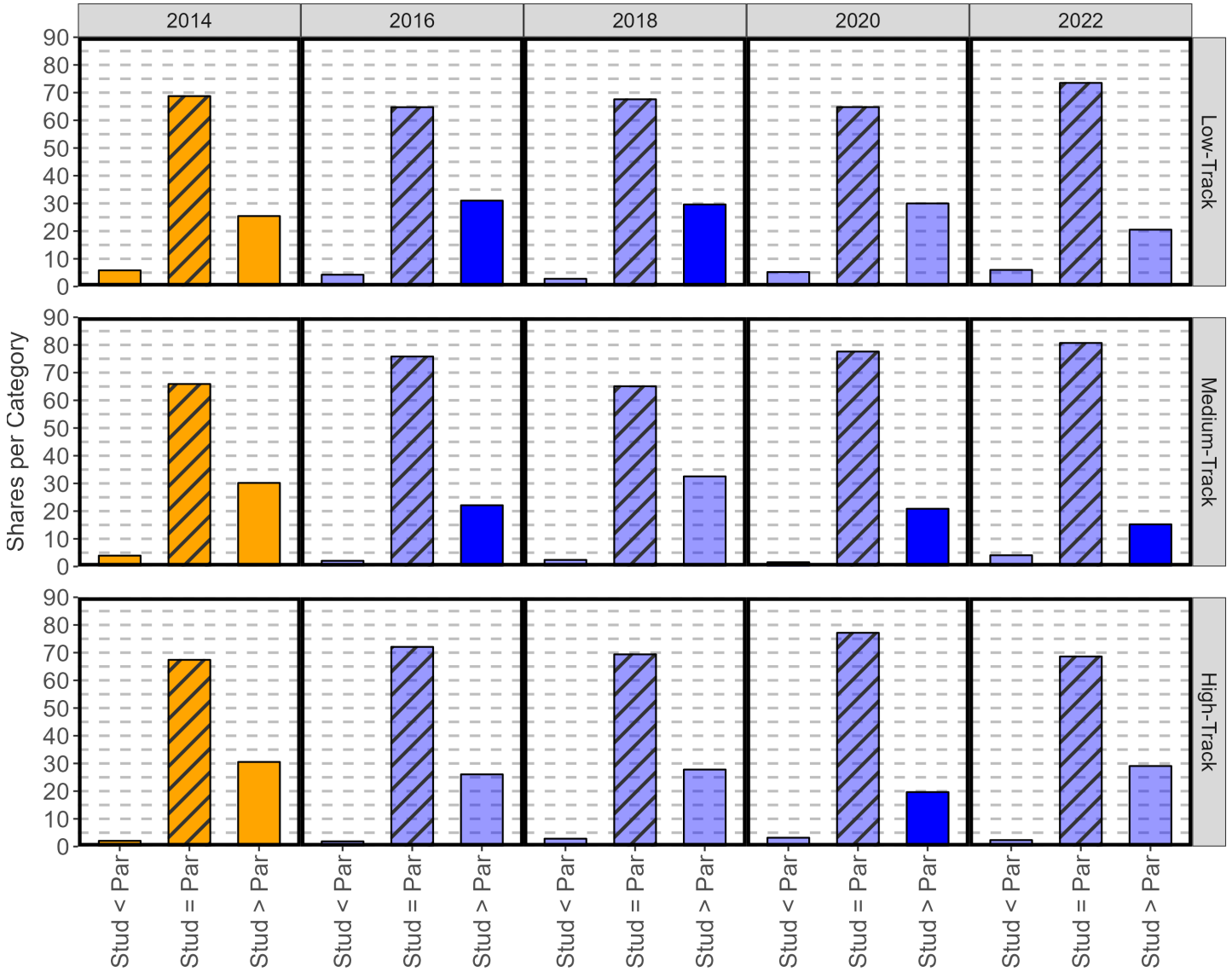
One advantage of our data is the availability of data across a variety of years, from 2014 to 2022 to be specific. Accordingly, expectation across the years might differ for a variety of reasons. For instance, economic fluctuations and the associated labor market conditions can change the economic benefits in favor of a different form of tertiary education. Similarly, social norms vary over time, with a lot of students moving up to the medium-track after their low-track, just to satisfy the stigma otherwise faced by family.

Therefore, we investigate the variability in educational expectations and the alignment of the expectations between students and parents in another robustness check, although we did already control for them in our baseline analysis. Students expectations, shown in Table F4 suggests that medium and high-track students were less inclined to expect HBO over WO in 2014 relative to the other years in our data. On the contrary, the probability to expect HBO increases in 2020 (the COVID-19 pandemic). For the parental attainment expectations, presented in Table F5, such variation is not present, although parents of high-track students in 2022 became more inclined to expect HBO over WO.

Similarly, Table F6 documents these coefficients for the alignment analysis, whereas Figure G3 provides a graphical perspective hereof. Our findings indicate that in the medium and high-track the rate at which students expect to complete a more selective education level than their parents decreased after the COVID-19 pandemic. This finding might be attributable to the increase in the share of these students expecting HBO over WO.[47] Nonetheless, this relationship seems to diminish for high-track students in 2022, potentially due to their parents also expecting HBO more often.

[47] Accordingly, the expectations of students became aligned with parents, who expect, their child, to complete HBO at a higher rate than students, as discussed in appendix section D.

Figure G3: Mismatch by School-Track & Cohort



Note: This figure represents descriptive statistics on the prevalence of (mis-)match in the educational attainment expectation between students and parents on a per school-track and year basis. The yellow bars indicate the base-year for the regression analysis, which were presented in Tables F6. The stripped bars indicate the baseline category for this analysis, indicating that no tests were performed on this outcome category. Dark colored bars reflect the significant associations from the aforementioned table.

G.5 9th Grade Test

Besides, we hypothesize that more recent, although low-stakes, ability tests might provide a different perspective on the educational expectations of student and parents, as well as their alignment. Therefore, in the next analysis we replace the 6^{th} grade high-stakes exit-test score with recent low-stakes 9^{th} grade mathematics and language test scores.

An overview hereof is presented in regression Tables G10-G12. However, this information is not available for all students. Accordingly, their introduction is accompanied with a reduction in the sample size for the original analysis. Therefore, Tables G13-G15 indicates what happens to the original coefficients, including the high-stake 6^{th} grade exit-test, under this sample restriction. Our results indicate that students' expectations are more sensitive to their performance in the mathematics test. Specifically, we find that higher performance on this test is associated with an increase in the share of low-track students expecting to complete HBO; and a reduction in the share of medium & high-track students expecting to complete HBO, expecting WO instead. The share of parents expecting their low-track child to complete MBO reduces when their child has demonstrated a high performance on the mathematics test; so does the share of parents expecting HBO for their high-track child. Besides, a high-performance on the language test is also associated with a reduction of parents from high-track students expecting their child to complete HBO.

Table G10: Student Expectations: Mathscore & Language

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1268***	−0.0298*	−0.0099	−0.0321	−0.0405	−0.0406
	(0.0464)	(0.0165)	(0.0067)	(0.0537)	(0.0291)	(0.0334)
Age	0.0439	0.0122	0.0077	0.0215	−0.0071	−0.0268
	(0.0293)	(0.0193)	(0.0069)	(0.0453)	(0.0211)	(0.0302)
Female	−0.0760*	0.0003	−0.0049	0.0667**	0.0052	−0.0302
	(0.0457)	(0.0141)	(0.0034)	(0.0335)	(0.0344)	(0.0217)
Mathscore	−0.0608	0.0003	−0.0012	0.0502**	−0.0517**	−0.0624***
	(0.0373)	(0.0120)	(0.0028)	(0.0239)	(0.0219)	(0.0191)
Language	0.0332	−0.0062	0.0009	−0.0030	0.0178	−0.0182
	(0.0457)	(0.0167)	(0.0006)	(0.0271)	(0.0261)	(0.0151)
Self-Efficacy	−0.1013***	−0.0290***	0.0008	−0.0131	−0.0722***	−0.1164***
	(0.0179)	(0.0067)	(0.0007)	(0.0220)	(0.0102)	(0.0143)
Help-Homework	0.0150	−0.0011	−0.00004	0.0043	−0.0120	−0.0008
	(0.0188)	(0.0074)	(0.0010)	(0.0159)	(0.0125)	(0.0110)
Talks about School	−0.0111	−0.0009	−0.0037	0.0304	0.0091	0.0152
	(0.0302)	(0.0092)	(0.0028)	(0.0310)	(0.0169)	(0.0161)
Constant	0.2376	−0.0396	−0.0920	0.5541	1.0407***	0.5237
	(0.5003)	(0.3101)	(0.0844)	(0.7555)	(0.3481)	(0.4568)
Pred.HE=0	0.638	0.0531	0.01	0.9362	0.8799	0.2115
Pred.HE=1	0.5112	0.0233	0.0001	0.9041	0.8394	0.1709
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	595	754	817	249	728	815
Adjusted R^2	0.1086	0.0453	−0.0087	0.1027	0.0503	0.1474

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table G11: Parent Expectations: Mathscore & Language

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1223***	−0.0520**	−0.0213	0.0332	−0.0048	−0.0679***
	(0.0360)	(0.0237)	(0.0138)	(0.0421)	(0.0154)	(0.0263)
Age	0.0062	0.0687**	−0.0173	0.0450	0.0007	−0.0588*
	(0.0262)	(0.0324)	(0.0131)	(0.0570)	(0.0177)	(0.0355)
Female	0.0004	0.0250	−0.0278***	0.0024	−0.0015	−0.0897***
	(0.0260)	(0.0302)	(0.0102)	(0.0122)	(0.0135)	(0.0337)
Mathscore	−0.0513**	0.0005	0.0079	0.0118	−0.0174	−0.0501*
	(0.0258)	(0.0222)	(0.0099)	(0.0172)	(0.0106)	(0.0268)
Language	−0.0025	−0.0303	−0.0018	0.0075	−0.0009	−0.0558**
	(0.0245)	(0.0186)	(0.0069)	(0.0131)	(0.0066)	(0.0228)
Self-Efficacy	−0.0347**	−0.0577***	−0.0185***	−0.0258	−0.0166**	−0.1044***
	(0.0154)	(0.0165)	(0.0059)	(0.0311)	(0.0080)	(0.0182)
Help-Homework	−0.0067	0.0274	−0.0041	−0.0126	−0.0035	0.0358***
	(0.0201)	(0.0185)	(0.0060)	(0.0154)	(0.0088)	(0.0131)
Talks about School	−0.0136	−0.0688***	−0.0171**	−0.0030	−0.0115	−0.0527**
	(0.0165)	(0.0206)	(0.0082)	(0.0099)	(0.0104)	(0.0236)
Constant	0.7812*	−0.7448	0.3465*	0.3218	0.9731***	1.5491***
	(0.4151)	(0.4895)	(0.2074)	(0.8772)	(0.3030)	(0.5196)
Pred.HE=0	0.8999	0.2049	0.0383	0.9689	0.9758	0.4741
Pred.HE=1	0.7775	0.1529	0.017	1.0021	0.9711	0.4062
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	595	754	817	92	624	799
Adjusted R^2	0.0447	0.0807	0.0625	0.2206	0.0199	0.1446

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table G12: Mismatch: Mathscore & Language

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.0195	−0.0033	−0.0161	−0.0122*	−0.0535	−0.0203
	(0.0390)	(0.0170)	(0.0275)	(0.0070)	(0.0387)	(0.0169)
Age	−0.0407	0.0006	0.0684*	0.0005	−0.0488	0.0200**
	(0.0354)	(0.0153)	(0.0387)	(0.0141)	(0.0358)	(0.0097)
Female	0.0615	−0.0116	0.0191	0.0065	−0.0995***	−0.0164*
	(0.0462)	(0.0204)	(0.0414)	(0.0092)	(0.0289)	(0.0099)
Mathscore	0.0219	0.0204	0.0258	−0.0050	0.0115	−0.0116**
	(0.0300)	(0.0149)	(0.0215)	(0.0074)	(0.0368)	(0.0059)
Language	−0.0412	−0.0052	−0.0345	0.0030	−0.0311	0.0074
	(0.0423)	(0.0083)	(0.0268)	(0.0118)	(0.0242)	(0.0046)
Self-Efficacy	0.0631***	−0.0122	0.0165	−0.0038	−0.0224*	−0.0094*
	(0.0192)	(0.0103)	(0.0158)	(0.0051)	(0.0124)	(0.0054)
Help-Homework	−0.0107	0.0167**	0.0308*	−0.0062	0.0276	−0.0023
	(0.0198)	(0.0083)	(0.0163)	(0.0050)	(0.0168)	(0.0048)
Talks about School	−0.0079	−0.0019	−0.0704***	0.0106	−0.0648***	0.0106**
	(0.0240)	(0.0119)	(0.0187)	(0.0076)	(0.0194)	(0.0051)
Constant	0.6606	−0.0069	−0.7685	0.0645	1.3127**	−0.3122**
	(0.6105)	(0.2306)	(0.6042)	(0.2382)	(0.5510)	(0.1461)
Pred.HE=0	0.3056	0.0385	0.274	0.0235	0.3237	0.0327
Pred.HE=1	0.3251	0.0351	0.2579	0.0113	0.2702	0.0124
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	595	595	754	754	817	817
Adjusted R^2	0.0443	0.0121	0.0411	0.0262	0.0361	−0.0017

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational level compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational level compared to their parent.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table G13: Student Expectations: Sample Mathscore & Language

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1296***	−0.0310*	−0.0099	−0.0345	−0.0385	−0.0421
	(0.0463)	(0.0163)	(0.0067)	(0.0528)	(0.0298)	(0.0337)
Age	0.0383	0.0120	0.0073	0.0122	−0.0097	−0.0292
	(0.0259)	(0.0193)	(0.0072)	(0.0453)	(0.0213)	(0.0321)
Female	−0.0841*	−0.0048	−0.0046	0.0550*	0.0088	−0.0360
	(0.0445)	(0.0139)	(0.0032)	(0.0297)	(0.0311)	(0.0223)
Exit-Score	−0.0512**	−0.0154**	−0.0011	−0.0162	−0.0004	−0.0171
	(0.0252)	(0.0077)	(0.0027)	(0.0274)	(0.0091)	(0.0121)
Self-Efficacy	−0.1004***	−0.0288***	0.0008	−0.0086	−0.0764***	−0.1237***
	(0.0165)	(0.0068)	(0.0007)	(0.0209)	(0.0100)	(0.0140)
Help-Homework	0.0142	−0.0038	−0.0003	0.0054	−0.0088	−0.0002
	(0.0186)	(0.0071)	(0.0014)	(0.0165)	(0.0118)	(0.0112)
Talks about School	−0.0147	−0.0011	−0.0037	0.0305	0.0099	0.0120
	(0.0276)	(0.0091)	(0.0028)	(0.0320)	(0.0174)	(0.0170)
Constant	0.3531	−0.0212	−0.0849	0.6701	1.0639***	0.5009
	(0.4425)	(0.3107)	(0.0897)	(0.7425)	(0.3555)	(0.4910)
Pred.HE=0	0.6392	0.0538	0.0101	0.9374	0.8786	0.2127
Pred.HE=1	0.5096	0.0229	0.0001	0.9029	0.8401	0.1705
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	595	754	817	249	728	815
Adjusted R^2	0.1128	0.0534	−0.0073	0.0932	0.0433	0.1380

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table G14: Parent Expectations: Sample Mathscore & Language

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1198***	−0.0520**	−0.0211	0.0330	−0.0037	−0.0697***
	(0.0358)	(0.0240)	(0.0135)	(0.0420)	(0.0148)	(0.0248)
Age	0.0137	0.0670**	−0.0156	0.0463	−0.0010	−0.0665*
	(0.0259)	(0.0335)	(0.0131)	(0.0575)	(0.0173)	(0.0352)
Female	−0.0022	0.0115	−0.0284***	0.0049	−0.0009	−0.1037***
	(0.0253)	(0.0278)	(0.0103)	(0.0126)	(0.0138)	(0.0330)
Exit-Score	0.0054	−0.0199	0.0047	0.0081	0.0048	−0.0423*
	(0.0157)	(0.0124)	(0.0043)	(0.0118)	(0.0048)	(0.0255)
Self-Efficacy	−0.0422***	−0.0592***	−0.0183***	−0.0223	−0.0187**	−0.1109***
	(0.0148)	(0.0164)	(0.0063)	(0.0272)	(0.0081)	(0.0188)
Help-Homework	−0.0061	0.0244	−0.0032	−0.0088	−0.0012	0.0364***
	(0.0204)	(0.0189)	(0.0056)	(0.0115)	(0.0088)	(0.0139)
Talks about School	−0.0144	−0.0691***	−0.0167**	−0.0077	−0.0115	−0.0561**
	(0.0159)	(0.0206)	(0.0080)	(0.0122)	(0.0104)	(0.0238)
Constant	0.6804	−0.6944	0.3239	0.3090	0.9928***	1.5971***
	(0.4199)	(0.5056)	(0.2025)	(0.8719)	(0.2987)	(0.5178)
Pred.HE=0	0.8987	0.2049	0.0382	0.969	0.9751	0.4755
Pred.HE=1	0.7789	0.1529	0.0171	1.0021	0.9714	0.4058
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	595	754	817	92	624	799
Adjusted R^2	0.0366	0.0820	0.0637	0.2272	0.0168	0.1402

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table G15: Mismatch: Sample Mathscore & Language

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.0249	−0.0038	−0.0149	−0.0125*	−0.0541	−0.0205
	(0.0402)	(0.0170)	(0.0272)	(0.0068)	(0.0381)	(0.0171)
Age	−0.0288	−0.0013	0.0676*	0.0005	−0.0530	0.0189**
	(0.0319)	(0.0162)	(0.0399)	(0.0139)	(0.0359)	(0.0091)
Female	0.0644	−0.0129	0.0085	0.0066	−0.1070***	−0.0146
	(0.0454)	(0.0215)	(0.0378)	(0.0089)	(0.0264)	(0.0096)
Exit-Score	0.0512**	−0.0035	−0.0029	−0.0032	−0.0188	−0.0020
	(0.0246)	(0.0120)	(0.0136)	(0.0052)	(0.0208)	(0.0042)
Self-Efficacy	0.0560***	−0.0100	0.0165	−0.0039	−0.0228*	−0.0096*
	(0.0176)	(0.0106)	(0.0153)	(0.0048)	(0.0130)	(0.0055)
Help-Homework	−0.0096	0.0164**	0.0292*	−0.0065	0.0278*	−0.0033
	(0.0195)	(0.0082)	(0.0172)	(0.0046)	(0.0168)	(0.0056)
Talks about School	−0.0048	−0.0015	−0.0711***	0.0107	−0.0650***	0.0101**
	(0.0217)	(0.0120)	(0.0190)	(0.0077)	(0.0195)	(0.0050)
Constant	0.4622	0.0199	−0.7409	0.0664	1.3672**	−0.2975**
	(0.5610)	(0.2408)	(0.6241)	(0.2372)	(0.5475)	(0.1361)
Pred.HE=0	0.3032	0.0386	0.2732	0.0237	0.3242	0.0328
Pred.HE=1	0.3281	0.0349	0.2583	0.0112	0.27	0.0123
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	595	595	754	754	817	817
Adjusted R^2	0.0520	0.0096	0.0399	0.0276	0.0368	−0.0036

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational level compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational level compared to their parent.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

G.6 Sibling:

An often mentioned argument for why students do not enroll in higher-education lies in the difficulty in navigating the (bureaucratic) hurdles to apply. In spirit of these type of arguments, we also trial whether the existence of an older sibling might mitigate these concerns. Specifically, an older sibling might figure as a role-model for current students or could indicate that parents have more knowledge and experience with regard to the possible educational transitions and required steps. Akin to before, we only have this information for a subset of the data, herein for the years of 2014 & 2016. Accordingly, the results are shown in Tables G16-G18, with Tables G19-G21 presenting what would have happened in the original regression with this data. In general, there are no significant findings at the 5% level, partly as the sample size is reduced too severely as illustrated by the original regressions. At the 10% significance level, results indicate that having an older-sibling reduces the chance that parents expect MBO for their medium-track child.

Table G16: Student Expectations: Sibling?

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1690***	−0.0179	−0.0046	−0.0413	−0.0584**	−0.0420
	(0.0380)	(0.0189)	(0.0058)	(0.0423)	(0.0259)	(0.0429)
Age	0.0243	0.0317***	−0.0019	0.0319	−0.0414*	−0.0105
	(0.0196)	(0.0114)	(0.0031)	(0.0346)	(0.0236)	(0.0294)
Female	−0.0504	0.0039	0.0008	0.0242	−0.0173	−0.0496*
	(0.0364)	(0.0138)	(0.0029)	(0.0295)	(0.0294)	(0.0263)
Exit-Score	−0.0380***	0.0044	−0.0044*	−0.0088	−0.0113	−0.0289**
	(0.0134)	(0.0067)	(0.0023)	(0.0159)	(0.0100)	(0.0123)
Self-Efficacy	−0.1216***	−0.0416***	0.0008	−0.0137	−0.0657***	−0.1134***
	(0.0144)	(0.0060)	(0.0008)	(0.0137)	(0.0116)	(0.0149)
Help-Homework	0.0124	0.0047	−0.0010	0.0116	0.0119	0.0199
	(0.0110)	(0.0044)	(0.0014)	(0.0131)	(0.0102)	(0.0132)
Talks about School	0.0013	−0.0024	−0.0019	0.0027	−0.0253	0.0065
	(0.0241)	(0.0070)	(0.0026)	(0.0143)	(0.0164)	(0.0131)
Oldersibling	0.0378	0.0080	−0.0060	0.0378	−0.0058	−0.0243
	(0.0393)	(0.0171)	(0.0052)	(0.0330)	(0.0246)	(0.0578)
Oldersibling*HE	0.0663	0.0097	0.0108*	−0.0391	−0.0172	0.0044
	(0.0583)	(0.0232)	(0.0059)	(0.0447)	(0.0310)	(0.0547)
Constant	−0.0743	−0.4625***	0.0634	0.4050	1.5231***	0.2913
	(0.2988)	(0.1727)	(0.0560)	(0.5854)	(0.3752)	(0.4613)
Pred.HE=0	0.6334	0.0406	0.0021	0.9562	0.8831	0.2225
Pred.HE=1	0.4977	0.0277	0.0027	0.8965	0.8159	0.1826
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,026	1,067	1,149	437	1,032	1,146
Adjusted R^2	0.1139	0.0519	−0.0081	0.0417	0.0591	0.1526

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table G17: Parent Expectations: Sibling?

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1122***	−0.0785***	−0.0117	0.0506	−0.0100	−0.0230
	(0.0317)	(0.0239)	(0.0100)	(0.0749)	(0.0171)	(0.0445)
Age	0.0326	0.0360*	−0.0036	−0.0244	−0.0061	0.0209
	(0.0270)	(0.0184)	(0.0045)	(0.0453)	(0.0177)	(0.0198)
Female	0.0077	−0.0583***	−0.0086*	−0.0081	0.0066	−0.0759***
	(0.0229)	(0.0199)	(0.0052)	(0.0383)	(0.0127)	(0.0217)
Exit-Score	0.0360***	−0.0194**	0.0048	0.0238	0.0028	−0.0658***
	(0.0113)	(0.0079)	(0.0047)	(0.0201)	(0.0074)	(0.0193)
Self-Efficacy	−0.0606***	−0.0526***	−0.0097**	0.0222	−0.0101	−0.1244***
	(0.0114)	(0.0125)	(0.0043)	(0.0194)	(0.0099)	(0.0151)
Help-Homework	−0.0020	0.0149	0.0007	0.0448	0.0003	0.0182**
	(0.0126)	(0.0091)	(0.0022)	(0.0274)	(0.0063)	(0.0078)
Talks about School	−0.0076	−0.0381***	−0.0049	0.0015	−0.0238***	−0.0233*
	(0.0180)	(0.0096)	(0.0033)	(0.0266)	(0.0082)	(0.0140)
Oldersibling	−0.0034	−0.0558*	−0.0035	−0.0255	0.0098	0.0342
	(0.0219)	(0.0321)	(0.0184)	(0.0788)	(0.0121)	(0.0777)
Oldersibling*HE	0.0328	0.0434	−0.0057	0.0383	0.0165	−0.0729
	(0.0421)	(0.0412)	(0.0177)	(0.1002)	(0.0181)	(0.0678)
Constant	0.3581	−0.1871	0.0875	1.3368*	1.0288***	0.2459
	(0.4265)	(0.2861)	(0.0723)	(0.6886)	(0.2801)	(0.3214)
Pred.HE=0	0.8734	0.1575	0.0195	0.9129	0.9644	0.4708
Pred.HE=1	0.7777	0.1014	0.0051	0.9825	0.9631	0.4127
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,026	1,067	1,149	173	935	1,139
Adjusted R^2	0.0679	0.0647	0.0346	0.0469	0.0157	0.1895

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table G18: Mismatch: Sibling?

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.0828*	0.0031	−0.0110	−0.0059	0.0172	0.0057
	(0.0446)	(0.0169)	(0.0384)	(0.0196)	(0.0280)	(0.0138)
Age	−0.0088	−0.0034	0.0574*	0.0228*	0.0303	0.0025
	(0.0223)	(0.0148)	(0.0295)	(0.0119)	(0.0321)	(0.0070)
Female	0.0294	−0.0246*	−0.0278	0.0107	−0.0497***	−0.0126*
	(0.0266)	(0.0132)	(0.0257)	(0.0110)	(0.0166)	(0.0071)
Exit-Score	0.0631***	−0.0127*	−0.0043	0.0035	−0.0255	−0.0016
	(0.0152)	(0.0069)	(0.0121)	(0.0048)	(0.0166)	(0.0049)
Self-Efficacy	0.0663***	−0.0042	0.0210	−0.0202**	−0.0338**	−0.0128**
	(0.0142)	(0.0060)	(0.0142)	(0.0079)	(0.0136)	(0.0050)
Help-Homework	−0.0003	0.0134*	0.0016	0.0023	0.0033	0.0035
	(0.0113)	(0.0076)	(0.0130)	(0.0067)	(0.0134)	(0.0051)
Talks about School	−0.0039	0.0005	−0.0272*	0.0082	−0.0237	0.0039
	(0.0192)	(0.0087)	(0.0160)	(0.0080)	(0.0163)	(0.0056)
Oldersibling	−0.0175	0.0212	−0.0434	−0.0006	0.0533	−0.0017
	(0.0400)	(0.0156)	(0.0426)	(0.0098)	(0.0401)	(0.0151)
Oldersibling*HE	−0.0156	0.0204	0.0538	0.0027	−0.0795*	0.0090
	(0.0649)	(0.0268)	(0.0566)	(0.0161)	(0.0475)	(0.0166)
Constant	0.7323**	0.0862	−0.4620	−0.3314*	0.0051	0.0250
	(0.3722)	(0.2389)	(0.4471)	(0.1994)	(0.4943)	(0.1207)
Pred.HE=0	0.275	0.0358	0.221	0.0261	0.2765	0.0117
Pred.HE=1	0.35	0.0492	0.2378	0.0216	0.2556	0.0216
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,026	1,026	1,067	1,067	1,149	1,149
Adjusted R^2	0.0538	0.0258	0.0110	0.0129	0.0350	0.0078

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational level compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational level compared to their parent.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table G19: Student Expectations: Sample Sibling?

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1316***	−0.0126	0.0005	−0.0602	−0.0674***	−0.0408
	(0.0261)	(0.0181)	(0.0043)	(0.0421)	(0.0245)	(0.0298)
Age	0.0245	0.0308***	−0.0019	0.0282	−0.0404*	−0.0096
	(0.0193)	(0.0115)	(0.0033)	(0.0326)	(0.0238)	(0.0289)
Female	−0.0484	0.0039	0.0008	0.0248	−0.0175	−0.0494*
	(0.0355)	(0.0140)	(0.0029)	(0.0302)	(0.0294)	(0.0264)
Exit-Score	−0.0362***	0.0044	−0.0043*	−0.0073	−0.0114	−0.0297**
	(0.0138)	(0.0067)	(0.0023)	(0.0154)	(0.0099)	(0.0122)
Self-Efficacy	−0.1218***	−0.0415***	0.0008	−0.0141	−0.0660***	−0.1127***
	(0.0148)	(0.0060)	(0.0009)	(0.0140)	(0.0117)	(0.0152)
Help-Homework	0.0105	0.0040	−0.0011	0.0104	0.0127	0.0202
	(0.0115)	(0.0046)	(0.0014)	(0.0135)	(0.0096)	(0.0133)
Talks about School	0.0023	−0.0022	−0.0018	0.0032	−0.0256	0.0070
	(0.0244)	(0.0070)	(0.0026)	(0.0142)	(0.0164)	(0.0131)
Constant	−0.0686	−0.4448**	0.0615	0.4779	1.5062***	0.2604
	(0.2876)	(0.1757)	(0.0598)	(0.5472)	(0.3842)	(0.4416)
Pred.HE=0	0.6322	0.0404	0.0022	0.9564	0.8832	0.2232
Pred.HE=1	0.5006	0.0278	0.0027	0.8963	0.8157	0.1824
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,026	1,067	1,149	437	1,032	1,146
Adjusted R^2	0.1100	0.0521	−0.0088	0.0441	0.0604	0.1534

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table G20: Parent Expectations: Sample Sibling?

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.0948***	−0.0568**	−0.0146	0.0715	−0.0011	−0.0575*
	(0.0275)	(0.0228)	(0.0093)	(0.0470)	(0.0125)	(0.0300)
Age	0.0331	0.0376**	−0.0033	−0.0212	−0.0076	0.0213
	(0.0270)	(0.0178)	(0.0045)	(0.0410)	(0.0180)	(0.0187)
Female	0.0081	−0.0580***	−0.0085*	−0.0070	0.0063	−0.0753***
	(0.0229)	(0.0196)	(0.0051)	(0.0382)	(0.0125)	(0.0219)
Exit-Score	0.0361***	−0.0185**	0.0045	0.0233	0.0029	−0.0667***
	(0.0113)	(0.0080)	(0.0048)	(0.0204)	(0.0074)	(0.0193)
Self-Efficacy	−0.0606***	−0.0530***	−0.0095**	0.0222	−0.0099	−0.1237***
	(0.0114)	(0.0124)	(0.0042)	(0.0194)	(0.0099)	(0.0151)
Help-Homework	−0.0025	0.0161*	0.0009	0.0443	−0.0006	0.0187**
	(0.0125)	(0.0092)	(0.0022)	(0.0279)	(0.0065)	(0.0079)
Talks about School	−0.0073	−0.0383***	−0.0048	0.0005	−0.0236***	−0.0237*
	(0.0181)	(0.0100)	(0.0034)	(0.0245)	(0.0082)	(0.0143)
Constant	0.3457	−0.2369	0.0791	1.2750**	1.0571***	0.2497
	(0.4251)	(0.2682)	(0.0714)	(0.6124)	(0.2860)	(0.2796)
Pred.HE=0	0.8732	0.1581	0.0196	0.9116	0.9643	0.4697
Pred.HE=1	0.7784	0.1014	0.005	0.9831	0.9632	0.4122
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,026	1,067	1,149	173	935	1,139
Adjusted R^2	0.0691	0.0635	0.0344	0.0591	0.0146	0.1895

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table G21: Mismatch: Sample Sibling?

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.0735**	0.0152	0.0165	−0.0045	−0.0198	0.0100
	(0.0306)	(0.0133)	(0.0232)	(0.0158)	(0.0258)	(0.0106)
Age	−0.0087	−0.0036	0.0579**	0.0228*	0.0301	0.0024
	(0.0219)	(0.0147)	(0.0289)	(0.0118)	(0.0319)	(0.0070)
Female	0.0287	−0.0237*	−0.0274	0.0107	−0.0492***	−0.0127*
	(0.0267)	(0.0130)	(0.0260)	(0.0110)	(0.0163)	(0.0071)
Exit-Score	0.0623***	−0.0119*	−0.0034	0.0035	−0.0260	−0.0014
	(0.0152)	(0.0067)	(0.0121)	(0.0048)	(0.0166)	(0.0049)
Self-Efficacy	0.0664***	−0.0043	0.0208	−0.0202**	−0.0335**	−0.0129***
	(0.0143)	(0.0062)	(0.0141)	(0.0079)	(0.0134)	(0.0050)
Help-Homework	0.0003	0.0127	0.0020	0.0022	0.0037	0.0034
	(0.0118)	(0.0078)	(0.0128)	(0.0067)	(0.0133)	(0.0051)
Talks about School	−0.0042	0.0009	−0.0271*	0.0082	−0.0245	0.0039
	(0.0194)	(0.0085)	(0.0158)	(0.0080)	(0.0165)	(0.0054)
Constant	0.7250**	0.0946	−0.4875	−0.3305*	0.0325	0.0280
	(0.3579)	(0.2368)	(0.4363)	(0.1978)	(0.4866)	(0.1155)
Pred.HE=0	0.2755	0.0352	0.2215	0.0261	0.2749	0.0117
Pred.HE=1	0.3491	0.0504	0.238	0.0217	0.2552	0.0217
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,026	1,026	1,067	1,067	1,149	1,149
Adjusted R^2	0.0549	0.0215	0.0118	0.0148	0.0352	0.0091

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational level compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational level compared to their parent.

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

G.7 Oster

lastly, all and any analysis are vulnerable to omitted variable bias. To assess the potential influence of this phenomenon, we implement the approach introduced by Oster (2019). This method compares the movement in the coefficient of interest to changes in the R-squared in response to the addition of additional control variable to the model. Consequently, it can extrapolate what would happen to our coefficient of interest if more control variables were available, denoted with β^*. Another approach is to argue how significant the association between the unobserved variables and the outcomes relative to the observed variables to invalidate the results, indicated with δ^*.

Most of the results for students, as shown in Table G22, are robust at 1.3 and 2 times the original R-squared. The finding that high-track students with higher-educated parents are less likely to expect to complete HBO is barely not statistically significant at 2 times the original, with the delta of 0.976 below the criteria of one. The results for parental expectations, shown in Table G23, and of the alignment analysis, highlighted in Table G24, are robust at an R-squared max of 1.3 and 2 times of the original. Therefore, these findings indicate that we can reject the possibility of omitted variable bias invalidating our results.

Table G22: Oster: Student Expectations

		Expects to complete MBO			Expects to complete HBO		
Type	Factor	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
beta*	1.300	-0.101	-0.031	-0.001	-0.009	-0.032	-0.035
Inter	1.300	(-0.139,-0.063)	(-0.048,-0.015)	(-0.006,0.004)	(-0.048,0.031)	(-0.06,-0.004)	(-0.065,-0.005)
delta*	1.300	4.907	-264.872	2.369	2.495	-26.639	3.159
beta*	2.000	-0.062	-0.037	0.001	0.006	-0.04	0.001
Inter	2.000	(-0.1,-0.024)	(-0.053,-0.021)	(-0.004,0.006)	(-0.034,0.045)	(-0.068,-0.011)	(-0.029,0.031)
delta*	2.000	1.684	-87.542	0.727	0.756	-8.264	0.976
beta*	3.000	0.032	-0.048	0.005	0.038	-0.056	0.072
Inter	3.000	(-0.006,0.071)	(-0.064,-0.031)	(0,0.009)	(-0.001,0.077)	(-0.084,-0.027)	(0.042,0.102)
delta*	3.000	0.869	-44.746	0.365	0.379	-4.163	0.491

The beta* refers to the HE-estimate after Oster's Method has been implemented. Accordingly, it calculated what would have happened to the HE estimate if more (similar) control variables would have been available to enter into the model, given how the previous control variables impacted the estimate. Accordingly, the sign of the estimate indicates whether, and how, the results would have been affected. An identical sign indicates that the result obtained prior would be robust to omitted variable bias. Similarly, the delta* indicates how substantial the effect of these unobserved variables should be relative to the observed variables to invalidate the results. A value above 1 is considered sufficient to prevent against omitted variable bias. Lastly, we calculate an Oster bound, which takes the obtained beta* and uses the standard errors obtained in prior analysis, table F1, to calculate a 95% confidence interval around these estimates. The different factors refer to the maximum R-squared taken as the input. Hence, this refers to how much predictive power of the model is left on the table due to not having the necessary variables available to the researcher. The three criteria taken, 1.3, 2 & 3 follow the suggestions by Oster (2019). The differing columns represents all the analysis, i.e., the expectation of completing a MBO degree over Higher Education, as well as the preference of HBO over WO, conditionally on expecting Higher Education, with high-school track separation.

Table G23: Oster: Parent Expectations

		Expects to complete MBO			Expects to complete HBO		
Type	Factor	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
beta*	1.300	-0.083	-0.064	-0.014	0.032	-0.014	-0.081
Inter	1.300	(-0.113,-0.053)	(-0.091,-0.037)	(-0.024,-0.003)	(-0.013,0.078)	(-0.031,0.003)	(-0.118,-0.044)
delta*	1.300	5.027	17.878	4.239	3.319	8.322	3.518
beta*	2.000	-0.06	-0.066	-0.005	0.005	-0.012	-0.016
Inter	2.000	(-0.09,-0.03)	(-0.093,-0.039)	(-0.016,0.006)	(-0.041,0.05)	(-0.028,0.005)	(-0.053,0.021)
delta*	2.000	1.88	6.087	1.361	1.095	2.638	1.148
beta*	3.000	0.001	-0.07	0.011	-0.056	-0.006	0.107
Inter	3.000	(-0.029,0.032)	(-0.097,-0.043)	(0,0.022)	(-0.102,-0.011)	(-0.023,0.011)	(0.07,0.144)
delta*	3.000	0.992	3.134	0.691	0.559	1.335	0.585

The beta* refers to the HE-estimate after Oster's Method has been implemented. Accordingly, it calculated what would have happened to the HE-estimate if more (similar) control variables would have been available to enter into the model, given how the previous control variables impacted the estimate. Accordingly, the sign of the estimate indicates whether, and how, the results would have been affected. An identical sign indicates that the result obtained prior would be robust to omitted variable bias. Similarly, the delta* indicates how substantial the effect of these unobserved variables should be relative to the observed variables to invalidate the results. A value above 1 is considered sufficient to prevent against omitted variable bias. Lastly, we calculate an Oster bound, which takes the obtained beta* and uses the standard errors obtained in prior analysis, table F2, to calculate a 95% confidence interval around these estimates. The different factors refer to the maximum R-squared taken as the input. Hence, this refers to how much predictive power of the model is left on the table due to not having the necessary variables available to the researcher. The three criteria taken, 1.3, 2 & 3 follow the suggestions by Oster (2019). The differing columns represents all the analysis, i.e., the expectation of the parent whether their child will complete MBO instead of higher education, as well as the expectation of HBO over WO (conditionally on expecting higher education), with high-school track separation.

Table G24: Oster: Mismatch Expectations

		Low-Track		Medium-Track		High-Track	
Type	Factor	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
beta*	1.300	0.048	0.011	-0.014	0	-0.043	0.021
Inter	1.300	(0.011,0.084)	(-0.001,0.023)	(-0.047,0.019)	(-0.012,0.012)	(-0.078,-0.008)	(0.003,0.038)
delta*	1.300	5.379	-9.726	3.654	-1.136	3.205	14.836
beta*	2.000	0.029	0.015	-0.002	0	-0.004	0.021
Inter	2.000	(-0.007,0.066)	(0.003,0.027)	(-0.035,0.03)	(-0.012,0.013)	(-0.038,0.031)	(0.003,0.039)
delta*	2.000	1.723	-3.105	1.118	-0.341	1.054	4.86
beta*	3.000	-0.014	0.023	0.022	0.001	0.07	0.022
Inter	3.000	(-0.051,0.023)	(0.011,0.035)	(-0.011,0.055)	(-0.011,0.013)	(0.035,0.104)	(0.005,0.04)
delta*	3.000	0.874	-1.574	0.561	-0.17	0.538	2.479

The beta* refers to the HE-estimate after Oster's Method has been implemented. Accordingly, it calculated what would have happened to the HE-estimate if more (similar) control variables would have been available to enter into the model, given how the previous control variables impacted the estimate. Accordingly, the sign of the estimate indicates whether, and how, the results would have been affected. An identical sign indicates that the result obtained prior would be robust to omitted variable bias. Similarly, the delta* indicates how substantial the effect of these unobserved variables should be relative to the observed variables to invalidate the results. A value above 1 is considered sufficient to prevent against omitted variable bias. Lastly, we calculate an Oster bound, which takes the obtained beta* and uses the standard errors obtained in prior analysis, table F3, to calculate a 95% confidence interval around these estimates. The different factors refer to the maximum R-squared taken as the input. Hence, this refers to how much predictive power of the model is left on the table due to not having the necessary variables available to the researcher. The three criteria taken, 1.3, 2 & 3 follow the suggestions by Oster (2019). The differing columns represents all the analysis, i.e., whether the student expects to complete a more (or less) selective education level than the parent, with high-school track separation.

H Heterogeneity

H.1 Gender

We expect heterogeneous effects for a variety of reasons. First, we examine the role of gender. Considerable literature has examined the existence of a gender gap in the educational attainment between men and women. For instance, in the US women are less likely to attend elite universities compared to men (Edwards et al., 2022). On the contrary, in the UK women are more likely to pursue A-levels and enroll at university (Belfield et al., 2020). In the Netherlands, women have, on average, more years of education than men since the 1970s (Onderwijsraad, 2020).

Exploring the expectations of students, presented in F4, indicates that there is no significant association between a students gender and their educational expectations. Parental expectations, Table F5, do vary by the gender of their child. Namely, the proportions of parents expecting their medium-track child to complete HBO, over higher-education, decreases when the child is female. The same association can be found for parents of high-track students and their expectation of MBO (over HBO) and HBO (over WO). These patterns might be related to the educational attainment patterns of women in the Netherlands, which we argued before has been higher than those of men since the 1990s.

Investigating the occurrence of mismatch, shown in Table F3, indicates that the frequency at which low-track students expect a less selective education level than the parent decreases when the student is female. Similarly, the rate at which high-track female students expect a more selective education level than the parent is lower than those of similar male students. Reflecting back to the parental expectations being shifted towards more selective forms of education could explain these patterns. Another results that we can draw from these findings is that, in general, the expectations of female students are more in line with those of their parents than those of male students.

However, we did not consider whether this further differs by parental education. Specifically, different gender-norms might be prevalent in families with a higher-educated parent compared to families without a higher-educated parent. A similar argument can be made for the existence of a (female) role model within the family. Regression results including an interaction between gender and parental education are presented in Tables H1-H3. We document that female students with a higher-educated parent are more likely to expect to complete MBO, although the effect is minor.Similarly, higher-educated parents of a female medium-track students are more likely to expect that their child will complete HBO. It should be noted herein that higher-educated parents still expect HBO at a lower rate instead, while they also expect HBO at a lower rate when their child is female. For the alignment analysis, we do not find a further interaction effect between gender and parental education.

Table H1: Heterogeneity: Students' Expectations Gender

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1206***	−0.0278*	−0.0095	−0.0233	−0.0176	−0.0319
	(0.0367)	(0.0148)	(0.0069)	(0.0357)	(0.0264)	(0.0204)
Age	0.0370**	0.0332***	0.0021	0.0132	−0.0130	−0.0031
	(0.0155)	(0.0118)	(0.0030)	(0.0280)	(0.0164)	(0.0237)
Female	−0.0337	−0.0086	−0.0141**	0.0202	0.0079	0.0046
	(0.0319)	(0.0170)	(0.0059)	(0.0308)	(0.0318)	(0.0234)
Exit-Score	−0.0328**	−0.0095*	−0.0011	0.0180	−0.0138**	−0.0353***
	(0.0133)	(0.0050)	(0.0012)	(0.0188)	(0.0065)	(0.0077)
Self-Efficacy	−0.1139***	−0.0413***	−0.0013	−0.0093	−0.0746***	−0.1251***
	(0.0115)	(0.0058)	(0.0015)	(0.0125)	(0.0062)	(0.0081)
Help-Homework	0.0125	0.0074	0.0013	−0.0061	0.0144**	0.0232***
	(0.0079)	(0.0056)	(0.0012)	(0.0107)	(0.0072)	(0.0090)
Talks about School	0.0072	−0.0038	−0.0023	0.0043	−0.0288***	−0.0057
	(0.0172)	(0.0073)	(0.0019)	(0.0131)	(0.0084)	(0.0083)
HE:Female	0.0137	−0.0035	0.0144**	0.0196	−0.0215	−0.0307
	(0.0516)	(0.0222)	(0.0062)	(0.0323)	(0.0403)	(0.0262)
Constant	0.3361	−0.4209**	0.0016	0.7664*	1.0013***	0.1612
	(0.2360)	(0.1904)	(0.0430)	(0.4640)	(0.2628)	(0.3744)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	727	2,185	2,598
Adjusted R^2	0.1394	0.0614	−0.0006	0.0322	0.0634	0.1562

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H2: Heterogeneity: Parents' Expectations Gender

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.0917***	−0.0738***	−0.0181	0.0152	−0.0408***	−0.1036***
	(0.0265)	(0.0235)	(0.0138)	(0.0399)	(0.0146)	(0.0314)
Age	0.0256	0.0490***	−0.0040	−0.0041	−0.0013	0.0003
	(0.0174)	(0.0134)	(0.0065)	(0.0229)	(0.0113)	(0.0284)
Female	−0.0069	−0.0461*	−0.0143	−0.0679	−0.0286*	−0.0665*
	(0.0197)	(0.0272)	(0.0126)	(0.0554)	(0.0150)	(0.0354)
Exit-Score	0.0196***	−0.0228***	−0.0036	0.0148	0.0015	−0.0692***
	(0.0064)	(0.0060)	(0.0040)	(0.0149)	(0.0053)	(0.0116)
Self-Efficacy	−0.0580***	−0.0490***	−0.0106***	0.0158	−0.0175***	−0.1074***
	(0.0090)	(0.0080)	(0.0037)	(0.0120)	(0.0057)	(0.0109)
Help-Homework	0.0049	0.0202***	−0.0026	0.0181	0.0013	0.0349***
	(0.0099)	(0.0075)	(0.0031)	(0.0159)	(0.0050)	(0.0087)
Talks about School	−0.0280**	−0.0479***	−0.0164***	−0.0157	−0.0284***	−0.0404***
	(0.0122)	(0.0084)	(0.0044)	(0.0159)	(0.0054)	(0.0119)
HE:Female	0.0017	0.0195	0.0030	0.0555	0.0477**	−0.0013
	(0.0376)	(0.0349)	(0.0147)	(0.0606)	(0.0237)	(0.0405)
Constant	0.6029**	−0.4144**	0.1386	1.1407***	1.0046***	0.5681
	(0.2987)	(0.1852)	(0.0997)	(0.3381)	(0.1932)	(0.4256)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	303	1,921	2,556
Adjusted R^2	0.0724	0.0761	0.0546	0.0372	0.0246	0.1634

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H3: Heterogeneity: Mismatch Gender

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.0549	0.0200	−0.0471*	0.0094	−0.0717**	0.0021
	(0.0349)	(0.0143)	(0.0272)	(0.0093)	(0.0280)	(0.0121)
Age	−0.0167	0.0040	0.0389*	0.0198**	−0.0021	0.0078
	(0.0199)	(0.0108)	(0.0210)	(0.0094)	(0.0214)	(0.0093)
Female	−0.0011	−0.0206*	−0.0502	0.0098	−0.0864***	−0.0209***
	(0.0254)	(0.0124)	(0.0323)	(0.0120)	(0.0278)	(0.0077)
Exit-Score	0.0410***	−0.0092*	−0.0011	−0.0033	−0.0340***	0.0002
	(0.0130)	(0.0054)	(0.0077)	(0.0040)	(0.0070)	(0.0028)
Self-Efficacy	0.0605***	−0.0012	0.0335***	−0.0139***	−0.0079	−0.0148***
	(0.0101)	(0.0056)	(0.0082)	(0.0052)	(0.0087)	(0.0033)
Help-Homework	0.0006	0.0081	−0.0010	−0.0023	0.0086	0.0024
	(0.0098)	(0.0053)	(0.0077)	(0.0032)	(0.0094)	(0.0040)
Talks about School	−0.0253*	0.0098	−0.0306***	0.0105*	−0.0437***	0.0014
	(0.0136)	(0.0064)	(0.0098)	(0.0054)	(0.0103)	(0.0038)
HE:Female	−0.0024	0.0007	0.0538	−0.0176	0.0276	0.0146
	(0.0444)	(0.0204)	(0.0453)	(0.0148)	(0.0319)	(0.0099)
Constant	0.3964	−0.0429	−0.1634	−0.2757*	0.5346*	−0.0847
	(0.3070)	(0.1732)	(0.3184)	(0.1534)	(0.3173)	(0.1446)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	1,844	2,300	2,300	2,607	2,607
Adjusted R^2	0.0652	0.0130	0.0227	0.0162	0.0425	0.0050

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational level compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational level compared to their parent.

All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

H.2 Who Filled it?

Table H4: Parent Expectations: Mothers Responses

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.0852***	−0.0615***	−0.0137	0.0842**	−0.0156	−0.0998***
	(0.0206)	(0.0159)	(0.0089)	(0.0344)	(0.0126)	(0.0285)
Age	0.0132	0.0464***	−0.0032	−0.0171	−0.0065	0.0271
	(0.0203)	(0.0148)	(0.0080)	(0.0257)	(0.0118)	(0.0306)
Female	−0.0099	−0.0256	−0.0140***	−0.0369	0.0013	−0.0606***
	(0.0165)	(0.0158)	(0.0049)	(0.0305)	(0.0093)	(0.0189)
Exit-Score	0.0213**	−0.0204***	−0.0047	0.0192	−0.0007	−0.0684***
	(0.0084)	(0.0077)	(0.0045)	(0.0182)	(0.0060)	(0.0134)
Self-Efficacy	−0.0574***	−0.0475***	−0.0098**	0.0181	−0.0180***	−0.1010***
	(0.0109)	(0.0104)	(0.0041)	(0.0155)	(0.0069)	(0.0119)
Help-Homework	0.0075	0.0161*	−0.0017	0.0151	−0.0022	0.0383***
	(0.0099)	(0.0092)	(0.0036)	(0.0182)	(0.0051)	(0.0103)
Talks about School	−0.0149	−0.0490***	−0.0185***	−0.0051	−0.0241***	−0.0474***
	(0.0117)	(0.0090)	(0.0059)	(0.0182)	(0.0053)	(0.0143)
Constant	0.7447**	−0.4063*	0.1268	1.2950***	1.0826***	0.1564
	(0.3594)	(0.2188)	(0.1302)	(0.3750)	(0.1931)	(0.4549)
Pred.HE=0	0.8849	0.2018	0.0324	0.9054	0.9709	0.5207
Pred.HE=1	0.7997	0.1403	0.0187	0.9896	0.9553	0.4209
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,512	1,818	2,034	232	1,519	1,989
Adjusted R^2	0.0708	0.0854	0.0638	0.0915	0.0137	0.1634

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects to their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether (at least) one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability.

Predicted probabilities are calculated at the mean.

Table H5: Parent Expectations: Fathers Responses

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1179**	−0.0673	−0.0367*	−0.0808	−0.0209	−0.1127*
	(0.0524)	(0.0519)	(0.0204)	(0.0938)	(0.0309)	(0.0640)
Age	0.0746	0.0499	−0.0068	0.0137	0.0094	−0.0932*
	(0.0531)	(0.0412)	(0.0074)	(0.0527)	(0.0409)	(0.0545)
Female	−0.0132	−0.0611	−0.0016	0.0266	0.0119	−0.1021**
	(0.0405)	(0.0449)	(0.0071)	(0.0509)	(0.0308)	(0.0446)
Exit-Score	0.0152	−0.0256	−0.0013	−0.0084	0.0085	−0.0757***
	(0.0200)	(0.0172)	(0.0070)	(0.0345)	(0.0169)	(0.0192)
Self-Efficacy	−0.0686***	−0.0514**	−0.0139**	0.0093	−0.0143	−0.1315***
	(0.0249)	(0.0215)	(0.0069)	(0.0285)	(0.0089)	(0.0215)
Help-Homework	−0.0272	0.0379**	−0.0056	0.0031	0.0135	0.0308**
	(0.0313)	(0.0152)	(0.0035)	(0.0235)	(0.0176)	(0.0136)
Talks about School	−0.1078***	−0.0357	−0.0119*	−0.0191	−0.0406**	−0.0228
	(0.0413)	(0.0218)	(0.0067)	(0.0380)	(0.0171)	(0.0307)
Constant	0.3293	−0.3381	0.2022	0.9646	0.7505	2.0053**
	(0.7935)	(0.6520)	(0.1233)	(0.9063)	(0.6587)	(0.9515)
Pred.HE=0	0.8409	0.2074	0.0393	1.0245	0.9577	0.4878
Pred.HE=1	0.723	0.1401	0.0026	0.9437	0.9368	0.3751
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	317	469	565	70	392	559
Adjusted R^2	0.0967	0.0157	0.0369	0.4285	0.0202	0.1471

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects to their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education.

All analyses are linear probability models. Coefficient of interest is whether (at least) one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability.

Predicted probabilities are calculated at the mean.

H.3 Who completed HE?

The influence of gender might also be related to the presence, or lack thereof, of a role-model. Accordingly, we also analyses maternal and parental education level separately.

As a matter of clarification, this does not entail that we investigate the expectations by which parent filled in the questionnaire. Although this is possible, and shown in Tables H5 and H4 above, direction of the association between parental education (either of the individual filling in the survey or the fact that their partner completed higher-education) and expectation is similar and 80% of observations in our data are characterized by the mother filling in the questionnaire.

A potential concern with such an analysis is the presence of assortative-mating, which refers to the tendency of individuals to select partners with similar educational backgrounds. This phenomenon itself contributes to the persistence in educational attainment by parental background Becker (1973); Bingley et al. (2022). One channel thereof relates to the transmission of cultural capital and the acquisition of social norms (Dohmen et al., 2011). Accordingly, we distinguish between four categories: there is no higher-educated parent in the household (our baseline), there is a higher-educated father, a higher-educated mother or both completed higher-education.

Results of this analysis are presented in Tables H6-H7. For low-track MBO students, the presence of any higher-educated parent reduces their chance to expect to complete MBO over high-education compared to their peers without higher-educated parent. Nonetheless, the association between parental education and educational expectations is largest when both parents completed higher-education. Medium-track students are only less likely to expect to complete MBO over higher-educated when both parents completed higher-education. Similarly, having two-higher educated parents is also a pre-requisite for the negative association between parental education and high-track students HBO, over WO, expectation. On the contrary, medium-track students expect to complete HBO at a lower rate if any parent completed higher-education (so either only one parent or both parents).

Parents become less likely to expect MBO for their medium-track student if any parent completed higher education. This association becomes stronger when both parents completed higher-education for low-track students. The previous finding that HE parents are less likely to expect to complete HBO for their high-track child is driven by families in which both parents completed higher-education.

Lastly, The finding that low-track students are more likely to expect to complete a more selective education level than the parent, when the parent completed higher-education, appears to be driven by families in which only the mother completed higher-education. The reduction in the share of high-track students expecting a more selective education level than the parent is only found among families in which both parents completed higher-education.

Table H6: Heterogeneity: Students' Expectations, Which Parent completed HE

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE_Both	−0.1387***	−0.0439***	−0.0006	−0.0127	−0.0404**	−0.0666***
	(0.0376)	(0.0159)	(0.0040)	(0.0466)	(0.0201)	(0.0246)
HE_Fat	−0.0826**	−0.0149	0.0011	−0.0042	−0.0394**	−0.0352
	(0.0330)	(0.0166)	(0.0051)	(0.0358)	(0.0185)	(0.0239)
HE_Mot	−0.0981***	−0.0259*	−0.0018	−0.0403	0.0168	−0.0366
	(0.0338)	(0.0152)	(0.0040)	(0.0318)	(0.0238)	(0.0301)
Age	0.0408**	0.0305***	0.0014	0.0152	−0.0167	−0.0062
	(0.0161)	(0.0116)	(0.0031)	(0.0291)	(0.0163)	(0.0242)
Female	−0.0295	−0.0119	−0.0024	0.0383	−0.0079	−0.0164
	(0.0209)	(0.0089)	(0.0020)	(0.0235)	(0.0215)	(0.0158)
Exit-Score	−0.0305**	−0.0096*	−0.0004	0.0202	−0.0160**	−0.0347***
	(0.0135)	(0.0050)	(0.0010)	(0.0192)	(0.0067)	(0.0078)
Self-Efficacy	−0.1135***	−0.0411***	−0.0015	−0.0091	−0.0758***	−0.1241***
	(0.0119)	(0.0057)	(0.0014)	(0.0132)	(0.0063)	(0.0079)
Help-Homework	0.0135*	0.0074	0.0018	−0.0042	0.0122*	0.0230***
	(0.0081)	(0.0057)	(0.0012)	(0.0107)	(0.0071)	(0.0089)
Talks about School	0.0017	−0.0040	−0.0019	0.0041	−0.0279***	−0.0060
	(0.0164)	(0.0073)	(0.0019)	(0.0135)	(0.0087)	(0.0085)
Constant	0.2940	−0.3783**	0.0046	0.7071	1.0598***	0.2264
	(0.2487)	(0.1859)	(0.0458)	(0.4818)	(0.2648)	(0.3780)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,796	2,260	2,584	710	2,147	2,576
Adjusted R^2	0.1395	0.0606	−0.0014	0.0368	0.0655	0.1569

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models.

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H7: Heterogeneity: Parents' Expectations, Which Parent completed HE

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE_Both	−0.1313***	−0.0640***	−0.0213**	0.0309	−0.0156	−0.1470***
	(0.0259)	(0.0175)	(0.0093)	(0.0297)	(0.0141)	(0.0278)
HE_Fat	−0.0751***	−0.0468***	−0.0171**	0.0416	−0.0071	−0.0563*
	(0.0283)	(0.0179)	(0.0078)	(0.0352)	(0.0129)	(0.0316)
HE_Mot	−0.0615**	−0.0630***	−0.0118	0.0625**	−0.0199	−0.0603
	(0.0259)	(0.0211)	(0.0117)	(0.0257)	(0.0138)	(0.0411)
Age	0.0241	0.0459***	−0.0042	−0.0084	−0.0027	−0.0031
	(0.0184)	(0.0117)	(0.0065)	(0.0245)	(0.0113)	(0.0283)
Female	−0.0097	−0.0331**	−0.0119***	−0.0343	0.0003	−0.0642***
	(0.0152)	(0.0149)	(0.0046)	(0.0278)	(0.0091)	(0.0161)
Exit-Score	0.0226***	−0.0227***	−0.0036	0.0131	0.0015	−0.0677***
	(0.0064)	(0.0059)	(0.0040)	(0.0150)	(0.0054)	(0.0117)
Self-Efficacy	−0.0577***	−0.0488***	−0.0103***	0.0149	−0.0177***	−0.1050***
	(0.0089)	(0.0082)	(0.0037)	(0.0120)	(0.0057)	(0.0105)
Help-Homework	0.0028	0.0198**	−0.0026	0.0198	0.0005	0.0351***
	(0.0102)	(0.0077)	(0.0031)	(0.0170)	(0.0051)	(0.0083)
Talks about School	−0.0265**	−0.0461***	−0.0166***	−0.0170	−0.0272***	−0.0390***
	(0.0123)	(0.0090)	(0.0044)	(0.0181)	(0.0056)	(0.0120)
Constant	0.6313**	−0.3824**	0.1429	1.1951***	1.0068***	0.6239
	(0.3196)	(0.1633)	(0.1032)	(0.3641)	(0.1907)	(0.4246)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,796	2,260	2,584	295	1,886	2,533
Adjusted R^2	0.0749	0.0738	0.0558	0.0400	0.0211	0.1681

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models.

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H8: Heterogeneity: Mismatch, Which Parent completed HE

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE_Both	0.0421	0.0264	0.0009	−0.0082	−0.0828***	0.0147
	(0.0381)	(0.0194)	(0.0244)	(0.0113)	(0.0190)	(0.0111)
HE_Fat	0.0333	0.0193	−0.0038	−0.0030	−0.0325	0.0080
	(0.0393)	(0.0136)	(0.0196)	(0.0125)	(0.0277)	(0.0101)
HE_Mot	0.0796***	0.0209	−0.0656**	0.0068	−0.0233	0.0057
	(0.0301)	(0.0217)	(0.0274)	(0.0127)	(0.0390)	(0.0111)
Age	−0.0230	0.0035	0.0396*	0.0182**	−0.0017	0.0077
	(0.0223)	(0.0110)	(0.0206)	(0.0091)	(0.0213)	(0.0094)
Female	−0.0044	−0.0210**	−0.0151	−0.0022	−0.0651***	−0.0091*
	(0.0172)	(0.0094)	(0.0158)	(0.0081)	(0.0163)	(0.0053)
Exit-Score	0.0402***	−0.0107*	0.0011	−0.0034	−0.0335***	0.0008
	(0.0131)	(0.0057)	(0.0075)	(0.0039)	(0.0073)	(0.0030)
Self-Efficacy	0.0606***	−0.0008	0.0346***	−0.0133**	−0.0063	−0.0152***
	(0.0107)	(0.0057)	(0.0084)	(0.0052)	(0.0091)	(0.0033)
Help-Homework	−0.0006	0.0098*	0.0006	−0.0019	0.0088	0.0027
	(0.0101)	(0.0054)	(0.0080)	(0.0033)	(0.0095)	(0.0039)
Talks about School	−0.0206	0.0074	−0.0289***	0.0103*	−0.0421***	0.0019
	(0.0135)	(0.0066)	(0.0106)	(0.0054)	(0.0101)	(0.0038)
Constant	0.4796	−0.0334	−0.1937	−0.2435	0.5196	−0.0894
	(0.3454)	(0.1772)	(0.3131)	(0.1481)	(0.3179)	(0.1449)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,796	1,796	2,260	2,260	2,584	2,584
Adjusted R^2	0.0654	0.0113	0.0250	0.0124	0.0434	0.0059

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational level compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational level compared to their parent.

All analyses are linear probability models.

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

H.4 Exact Level Tertiary Education

As mentioned before, social norms, cultural capital and the information sets of parents are crucial elements for the educational attainment of students. In our setting, with multiple forms of tertiary education, we expect that all of these factors depend on the exact level of tertiary education. To give an example, a HBO educated individual might not be aware of the prevalent social norms at WO, or be acquainted with the benefits associated with such a degree. Such concerns are isomorphic to the role that associate degrees have in the US (Toutkoushian et al., 2021). Moreover, parents typically express a preference for their child(ren) to acquire a position at least as advantageous as their own, suggesting that parents with a WO degree might not approve of their child completing HBO (Breen & Goldthorpe, 1997). Therefore, we also examine the relationship between the exact level of parental education and the educational expectations and by extension the (mis-)match in educational plans.

Descriptive statistics are available in Tables H9-H13, with regression results presented in Tables H14 - H16. Examining the students' expectations reveals that both levels of higher-education completed by the parent are associated with a reduction in the share of low and medium-track students expecting to complete MBO. For the students expectation to complete HBO over WO, we do not find evidence that a HBO educated parent decreases the share of students expecting this level relative to non-higher educated parent(s), whereas a WO educated parent is associated with such a pattern.

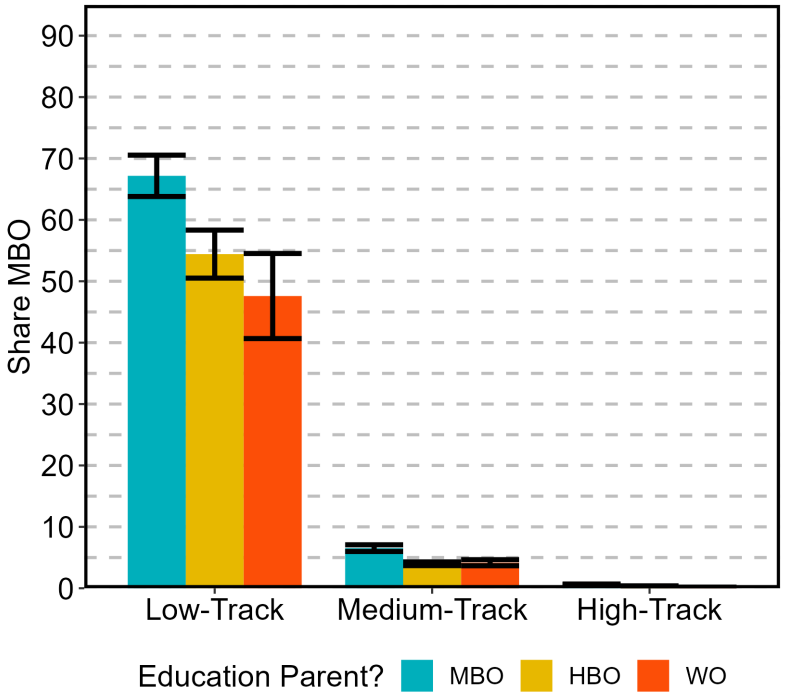
In the setting of parental expectations, the share of parents expecting MBO for their child is lower when the parent completed higher education, the exact level does not completed does not cause further (statistical) differences in these patterns. The relationship between parental education and the parents expectation whether their child will complete HBO over WO is most pronounced among WO educated parents, providing evidence of the relative risk aversion hypothesis. Nonetheless, we still find that the a reduction in the share of parents expecting their child to complete HBO when they completed HBO among high-track students.

In the alignment analysis, the previous finding, in which low or high-track students are more likely to expect to complete a more selective education level than parents remains valid in the presence of a higher-educated parent, although the association is more pronounced when the parent completed WO. Low-track students expecting a less selective education level instead is only found at the 10% significance level among HBO schooled parents.

The previous finding in which low-track students expect to complete a less selective education level than parents more often and high-track students less often than parents in the presence of a higher-educated parent are still valid when the parent completed HBO, although the association is more pronounced when the parent completed WO. [48]

[48] At the 10% level we also find that the frequency at which low and high-track students expect to complete a more selective education level than the parent increases when the parent completed HBO, but not when the parent completed WO.

Figure H1: Student MBO by Level of Parental Tertiary Education

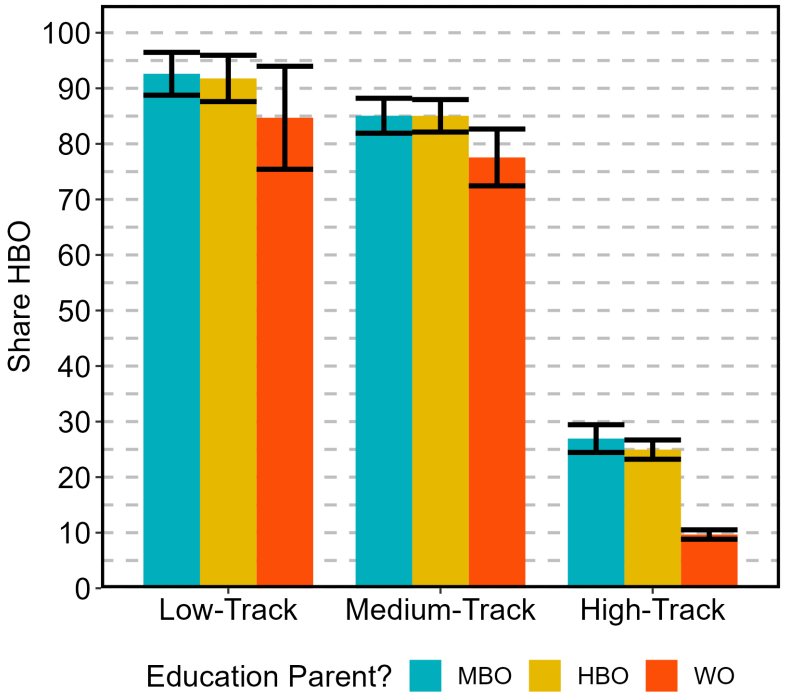


This figure presents, per high-school track, the share of students that expects to complete MBO by the level of parental tertiary education. The numbers are available in Appendix Table H9 The confidence interval depicts the 95% level.

Table H9: Students Expectation: MBO

		MBO			HBO			WO		
School-Track	Future	Number	Total	Share	Number	Total	Share	Number	Total	Share
Low-Track	Higher Education	325	990	32.828	304	667	45.577	98	187	52.406
Low-Track	MBO	665	990	67.172	363	667	54.423	89	187	47.594
Medium-Track	Higher Education	830	888	93.468	963	1003	96.012	392	409	95.844
Medium-Track	MBO	58	888	6.532	40	1003	3.988	17	409	4.156
High-Track	Higher Education	631	635	99.370	1150	1154	99.653	817	818	99.878
High-Track	MBO	4	635	0.630	4	1154	0.347	1	818	0.122

Figure H2: Student HBO by Level of Parental Tertiary Education

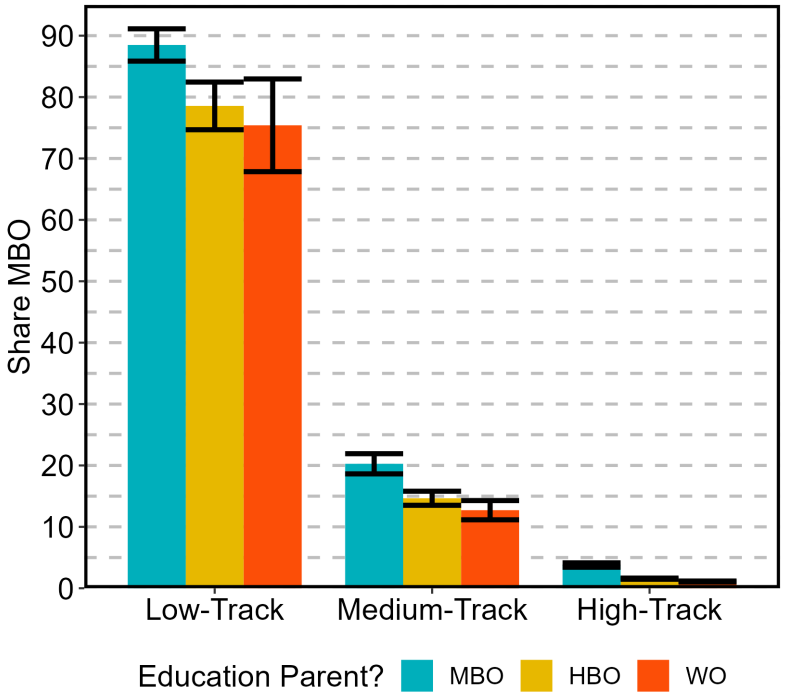


This figure presents, per high-school track, the share of students that expects to complete HBO, over WO, by the level of parental tertiary education. The numbers are available in Appendix Table H10 The confidence interval depicts the 95% level.

Table H10: Students Expectation: HBO

		MBO			HBO			WO		
School-Track	Future	Number	Total	Share	Number	Total	Share	Number	Total	Share
Low-Track	WO	24	325	7.385	25	304	8.224	15	98	15.306
Low-Track	HBO	301	325	92.615	279	304	91.776	83	98	84.694
Medium-Track	WO	124	830	14.940	144	963	14.953	88	392	22.449
Medium-Track	HBO	706	830	85.060	819	963	85.047	304	392	77.551
High-Track	WO	461	631	73.059	863	1150	75.043	738	817	90.330
High-Track	HBO	170	631	26.941	287	1150	24.957	79	817	9.670

Figure H3: Parent MBO by Level of Tertiary Education

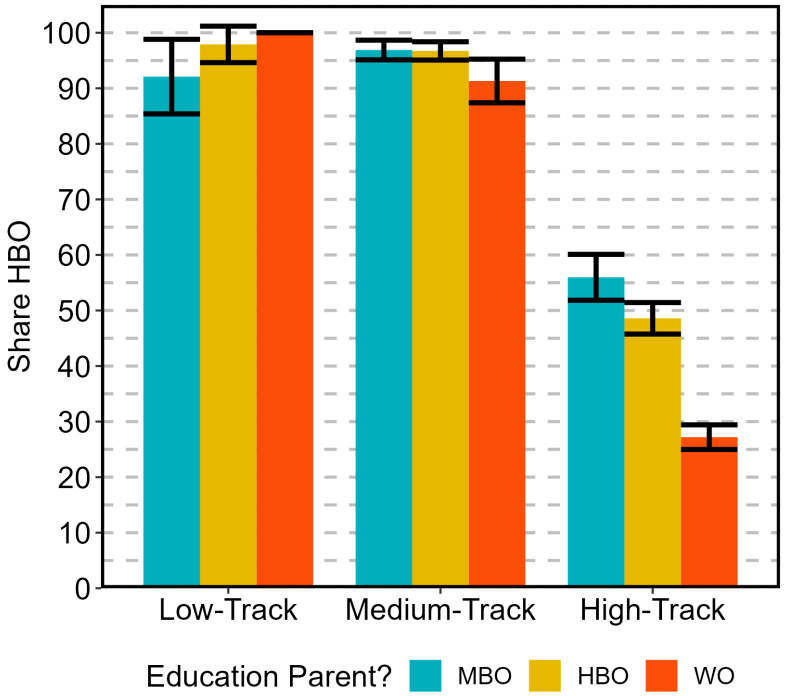


This figure presents, per high-school track of the student, the share of parents that expects their child to complete MBO by their own level of tertiary education. The numbers are available in Appendix Table H11 The confidence interval depicts the 95% level.

Table H11: Parents Expectation: MBO

		MBO			HBO			WO		
School-Track	Future	Number	Total	Share	Number	Total	Share	Number	Total	Share
Low-Track	Higher Education	114	990	11.515	143	667	21.439	46	187	24.599
Low-Track	MBO	876	990	88.485	524	667	78.561	141	187	75.401
Medium-Track	Higher Education	708	888	79.730	856	1003	85.344	357	409	87.286
Medium-Track	MBO	180	888	20.270	147	1003	14.656	52	409	12.714
High-Track	Higher Education	611	635	96.220	1136	1154	98.440	809	818	98.900
High-Track	MBO	24	635	3.780	18	1154	1.560	9	818	1.100

Figure H4: Parent HBO by Level of Parental Tertiary Education

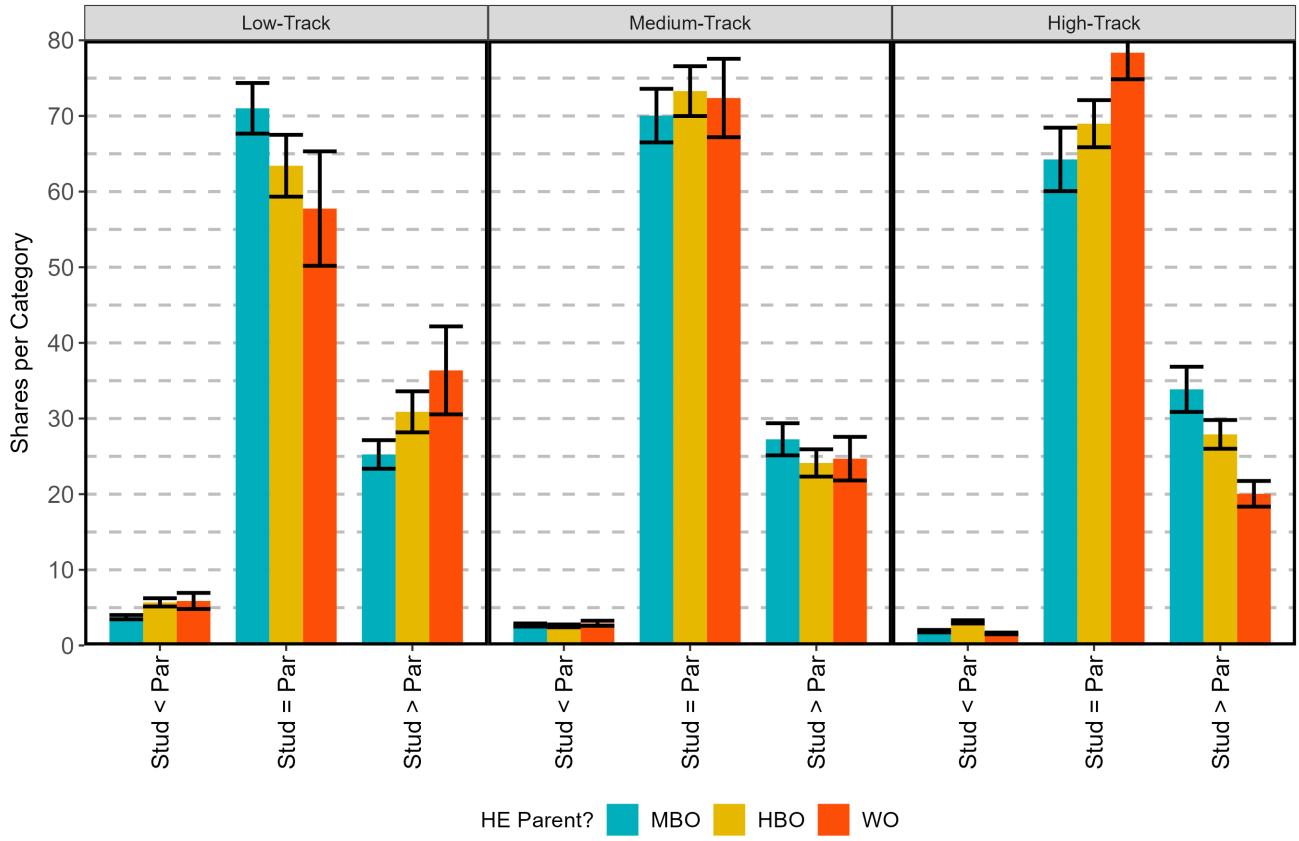


This figure presents, per high-school track of the student, the share of parents that expects their child to complete HBO (over WO) by their own level of tertiary education. The numbers are available in Appendix Table H12 The confidence interval depicts the 95% level.

Table H12: Parents Expectation: HBO

		MBO			HBO			WO		
School-Track	Future	Number	Total	Share	Number	Total	Share	Number	Total	Share
Low-Track	WO	9	114	7.895	3	143	2.098			
Low-Track	HBO	105	114	92.105	140	143	97.902	46	46	100.000
Medium-Track	WO	22	708	3.107	28	856	3.271	31	357	8.683
Medium-Track	HBO	686	708	96.893	828	856	96.729	326	357	91.317
High-Track	WO	269	611	44.026	584	1136	51.408	589	809	72.806
High-Track	HBO	342	611	55.974	552	1136	48.592	220	809	27.194

Figure H5: Mismatch Frequency by Level of Tertiary Education



This figure presents, per high-school track, the share of (mis-)matches by the level of parental tertiary education.

The numbers are available in Appendix Table H13 The confidence interval depicts the 95% level.

Table H13: Mismatch

		MBO			HBO			WO		
School-Track	Future	Number	Total	Share	Number	Total	Share	Number	Total	Share
High-Track	Stud > Par	215	635	33.858	322	1154	27.903	164	818	20.049
High-Track	Stud = Par	408	635	64.252	796	1154	68.977	641	818	78.362
High-Track	Stud < Par	12	635	1.890	36	1154	3.120	13	818	1.589
Medium-Track	Stud > Par	242	888	27.252	242	1003	24.128	101	409	24.694
Medium-Track	Stud = Par	622	888	70.045	735	1003	73.280	296	409	72.372
Medium-Track	Stud < Par	24	888	2.703	26	1003	2.592	12	409	2.934
Low-Track	Stud > Par	250	990	25.253	206	667	30.885	68	187	36.364
Low-Track	Stud = Par	703	990	71.010	423	667	63.418	108	187	57.754
Low-Track	Stud < Par	37	990	3.737	38	667	5.697	11	187	5.882

Table H14: Heterogeneity: Students' Expectations, Exact Level of Education

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE=HBO	−0.1075***	−0.0294**	−0.0018	−0.0047	−0.0125	−0.0131
	(0.0251)	(0.0146)	(0.0045)	(0.0319)	(0.0189)	(0.0212)
HE=WO	−0.1399***	−0.0305*	−0.0020	−0.0546	−0.0834***	−0.1222***
	(0.0311)	(0.0156)	(0.0038)	(0.0394)	(0.0197)	(0.0293)
Age	0.0370**	0.0332***	0.0019	0.0119	−0.0134	−0.0043
	(0.0155)	(0.0118)	(0.0031)	(0.0275)	(0.0163)	(0.0244)
Female	−0.0276	−0.0107	−0.0032	0.0299	−0.0061	−0.0177
	(0.0196)	(0.0089)	(0.0021)	(0.0232)	(0.0206)	(0.0158)
Exit-Score	−0.0326**	−0.0096*	−0.0011	0.0184	−0.0161**	−0.0352***
	(0.0134)	(0.0050)	(0.0012)	(0.0188)	(0.0067)	(0.0080)
Self-Efficacy	−0.1134***	−0.0413***	−0.0012	−0.0080	−0.0741***	−0.1218***
	(0.0116)	(0.0057)	(0.0015)	(0.0121)	(0.0063)	(0.0077)
Help-Homework	0.0125	0.0074	0.0013	−0.0056	0.0157**	0.0238***
	(0.0078)	(0.0056)	(0.0012)	(0.0105)	(0.0072)	(0.0091)
Talks about School	0.0072	−0.0039	−0.0023	0.0041	−0.0302***	−0.0083
	(0.0171)	(0.0071)	(0.0019)	(0.0131)	(0.0085)	(0.0081)
Constant	0.3310	−0.4195**	−0.0019	0.7714*	1.0254***	0.1998
	(0.2364)	(0.1908)	(0.0443)	(0.4577)	(0.2630)	(0.3817)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	727	2,185	2,598
Adjusted R^2	0.1397	0.0614	−0.0034	0.0349	0.0675	0.1678

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models.

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H15: Heterogeneity: Parents' Expectations, Exact Level of Education

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE=HBO	−0.0917***	−0.0581***	−0.0163**	0.0411	−0.0051	−0.0600**
	(0.0219)	(0.0171)	(0.0074)	(0.0297)	(0.0107)	(0.0256)
HE=WO	−0.0871***	−0.0805***	−0.0169*	0.0434*	−0.0474***	−0.1970***
	(0.0309)	(0.0169)	(0.0102)	(0.0262)	(0.0169)	(0.0317)
Age	0.0256	0.0488***	−0.0041	−0.0047	−0.0020	−0.0023
	(0.0173)	(0.0134)	(0.0064)	(0.0232)	(0.0110)	(0.0294)
Female	−0.0060	−0.0344**	−0.0120***	−0.0335	0.0012	−0.0661***
	(0.0138)	(0.0147)	(0.0045)	(0.0258)	(0.0091)	(0.0157)
Exit-Score	0.0197***	−0.0234***	−0.0036	0.0159	0.00001	−0.0691***
	(0.0063)	(0.0060)	(0.0040)	(0.0148)	(0.0054)	(0.0116)
Self-Efficacy	−0.0580***	−0.0489***	−0.0106***	0.0148	−0.0169***	−0.1030***
	(0.0091)	(0.0081)	(0.0037)	(0.0123)	(0.0056)	(0.0104)
Help-Homework	0.0049	0.0205***	−0.0026	0.0171	0.0018	0.0355***
	(0.0099)	(0.0075)	(0.0031)	(0.0161)	(0.0051)	(0.0086)
Talks about School	−0.0280**	−0.0479***	−0.0164***	−0.0139	−0.0280***	−0.0436***
	(0.0123)	(0.0086)	(0.0045)	(0.0158)	(0.0052)	(0.0117)
Constant	0.6034**	−0.4144**	0.1380	1.1283***	1.0040***	0.6159
	(0.2998)	(0.1859)	(0.1016)	(0.3403)	(0.1889)	(0.4404)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	303	1,921	2,556
Adjusted R^2	0.0724	0.0763	0.0546	0.0324	0.0266	0.1760

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models.

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H16: Heterogeneity: Mismatch, Exact Level of Education

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE=HBO	0.0454*	0.0217*	−0.0215	−0.0010	−0.0436**	0.0141
	(0.0265)	(0.0121)	(0.0202)	(0.0108)	(0.0212)	(0.0090)
HE=WO	0.0882**	0.0151	−0.0088	0.0034	−0.0854***	0.0009
	(0.0403)	(0.0218)	(0.0252)	(0.0103)	(0.0213)	(0.0094)
Age	−0.0169	0.0040	0.0390*	0.0198**	−0.0030	0.0075
	(0.0199)	(0.0108)	(0.0209)	(0.0094)	(0.0214)	(0.0093)
Female	−0.0019	−0.0203**	−0.0170	−0.0010	−0.0651***	−0.0097*
	(0.0165)	(0.0089)	(0.0153)	(0.0081)	(0.0157)	(0.0051)
Exit-Score	0.0411***	−0.0092*	−0.0005	−0.0032	−0.0340***	0.0002
	(0.0130)	(0.0055)	(0.0077)	(0.0039)	(0.0070)	(0.0028)
Self-Efficacy	0.0598***	−0.0011	0.0333***	−0.0139***	−0.0065	−0.0143***
	(0.0102)	(0.0057)	(0.0084)	(0.0052)	(0.0086)	(0.0034)
Help-Homework	0.0004	0.0081	−0.0013	−0.0023	0.0088	0.0024
	(0.0097)	(0.0054)	(0.0077)	(0.0032)	(0.0093)	(0.0039)
Talks about School	−0.0251*	0.0098	−0.0296***	0.0103*	−0.0445***	0.0012
	(0.0134)	(0.0064)	(0.0100)	(0.0053)	(0.0104)	(0.0038)
Constant	0.4023	−0.0438	−0.1842	−0.2712*	0.5394*	−0.0846
	(0.3093)	(0.1734)	(0.3172)	(0.1544)	(0.3173)	(0.1447)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	1,844	2,300	2,300	2,607	2,607
Adjusted R^2	0.0659	0.0131	0.0219	0.0156	0.0438	0.0058

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational level compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational level compared to their parent.

All analyses are linear probability models.

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

H.5 Belief Updating

H.5.1 Exit-Test Score

An important part in the formation of expectations is whether one beliefs that succeed at the proposed action is feasible. Educational expectations are no exception to this. Models proposed by Sewell et al. (1969) and Breen & Goldthorpe (1997) explicitly model these channels. These beliefs are conditional on the past performance of students. Yamamoto & Holloway (2010) highlight, in their review paper, that the influence of previous performance on the educational expectations of parents depend on a variety of factors, which correlate with parental education. These factors include a low self-efficacy belief in supporting their child, mistrust of feedback from the school and the belief that effort rather than ability affects performance.

Accordingly, we investigate the role of previous performance, interacted with parental education, on the educational expectations of students and parents. Results hereof are shown in Tables H17-H19. We do not find a significant interaction term between parental education and exit-test scores for students and parental expectations. In general, a high-exit test score reduces the share of high-track students expecting to complete HBO, expecting WO instead. This result is also found among their parents. Higher-exit test scores are also associated with an increase in the share of low-track students expecting a more selective education level than the parent, and a reduction in the share of low-track students expecting a less selective education level than the parent.

Table H17: Heterogeneity: Students' Expectations Exit-Test

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1135***	−0.0296**	−0.0018	−0.0131	−0.0287*	−0.0475**
	(0.0226)	(0.0142)	(0.0041)	(0.0306)	(0.0167)	(0.0222)
Age	0.0367**	0.0332***	0.0019	0.0130	−0.0130	−0.0027
	(0.0156)	(0.0117)	(0.0031)	(0.0276)	(0.0164)	(0.0239)
Exit-Score	−0.0280	−0.0082	−0.0019	0.0197	−0.0101	−0.0533***
	(0.0200)	(0.0088)	(0.0032)	(0.0209)	(0.0138)	(0.0184)
Female	−0.0269	−0.0107	−0.0032	0.0312	−0.0053	−0.0185
	(0.0196)	(0.0090)	(0.0021)	(0.0224)	(0.0209)	(0.0159)
Self-Efficacy	−0.1139***	−0.0414***	−0.0012	−0.0096	−0.0746***	−0.1253***
	(0.0115)	(0.0058)	(0.0015)	(0.0128)	(0.0062)	(0.0082)
Help-Homework	0.0124	0.0074	0.0013	−0.0064	0.0144**	0.0232***
	(0.0079)	(0.0056)	(0.0012)	(0.0105)	(0.0073)	(0.0090)
Talks about School	0.0074	−0.0039	−0.0023	0.0048	−0.0292***	−0.0060
	(0.0171)	(0.0071)	(0.0019)	(0.0130)	(0.0085)	(0.0083)
HE:Exit-Score	−0.0095	−0.0021	0.0010	−0.0023	−0.0057	0.0232
	(0.0252)	(0.0093)	(0.0033)	(0.0235)	(0.0165)	(0.0228)
Constant	0.3365	−0.4193**	−0.0020	0.7613*	1.0079***	0.1686
	(0.2372)	(0.1904)	(0.0443)	(0.4605)	(0.2648)	(0.3722)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	727	2,185	2,598
Adjusted R^2	0.1395	0.0614	−0.0033	0.0319	0.0633	0.1565

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H18: Heterogeneity: Parents' Expectations Exit-Test

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.0907***	−0.0629***	−0.0167**	0.0451	−0.0151	−0.1041***
	(0.0194)	(0.0155)	(0.0080)	(0.0279)	(0.0109)	(0.0256)
Age	0.0255	0.0487***	−0.0041	−0.0037	−0.0018	0.0002
	(0.0172)	(0.0135)	(0.0063)	(0.0230)	(0.0111)	(0.0283)
Exit-Score	0.0219*	−0.0152	0.0017	0.0530	0.0026	−0.0744***
	(0.0126)	(0.0126)	(0.0076)	(0.0349)	(0.0054)	(0.0208)
Female	−0.0058	−0.0340**	−0.0121***	−0.0275	0.0016	−0.0674***
	(0.0142)	(0.0147)	(0.0044)	(0.0240)	(0.0095)	(0.0153)
Self-Efficacy	−0.0580***	−0.0492***	−0.0105***	0.0136	−0.0173***	−0.1074***
	(0.0090)	(0.0081)	(0.0037)	(0.0113)	(0.0057)	(0.0109)
Help-Homework	0.0049	0.0200***	−0.0026	0.0188	0.0011	0.0349***
	(0.0099)	(0.0075)	(0.0031)	(0.0160)	(0.0051)	(0.0087)
Talks about School	−0.0280**	−0.0476***	−0.0163***	−0.0142	−0.0277***	−0.0404***
	(0.0123)	(0.0086)	(0.0044)	(0.0158)	(0.0052)	(0.0120)
HE:Exit-Score	−0.0047	−0.0116	−0.0069	−0.0583*	−0.0015	0.0066
	(0.0233)	(0.0140)	(0.0066)	(0.0346)	(0.0069)	(0.0198)
Constant	0.6034**	−0.4179**	0.1379	1.1126***	0.9941***	0.5694
	(0.2983)	(0.1866)	(0.1008)	(0.3334)	(0.1902)	(0.4254)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	2,300	2,607	303	1,921	2,556
Adjusted R^2	0.0724	0.0761	0.0550	0.0501	0.0213	0.1635

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H19: Heterogeneity: Mismatch Exit-Test

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.0534**	0.0201*	−0.0183	0.0004	−0.0580***	0.0101
	(0.0240)	(0.0115)	(0.0196)	(0.0097)	(0.0199)	(0.0083)
Age	−0.0166	0.0041	0.0388*	0.0196**	−0.0024	0.0077
	(0.0198)	(0.0107)	(0.0210)	(0.0093)	(0.0214)	(0.0093)
Exit-Score	0.0369**	−0.0138**	0.0021	0.0020	−0.0127	−0.0034
	(0.0179)	(0.0054)	(0.0176)	(0.0051)	(0.0147)	(0.0047)
Female	−0.0027	−0.0207**	−0.0171	−0.0009	−0.0657***	−0.0098*
	(0.0165)	(0.0088)	(0.0153)	(0.0081)	(0.0156)	(0.0051)
Self-Efficacy	0.0605***	−0.0012	0.0334***	−0.0139***	−0.0077	−0.0148***
	(0.0101)	(0.0056)	(0.0083)	(0.0053)	(0.0088)	(0.0033)
Help-Homework	0.0006	0.0081	−0.0011	−0.0024	0.0087	0.0023
	(0.0097)	(0.0054)	(0.0078)	(0.0032)	(0.0094)	(0.0040)
Talks about School	−0.0254*	0.0098	−0.0298***	0.0102*	−0.0434***	0.0015
	(0.0134)	(0.0064)	(0.0099)	(0.0054)	(0.0104)	(0.0038)
HE:Exit-Score	0.0085	0.0096	−0.0047	−0.0083	−0.0275*	0.0046
	(0.0181)	(0.0102)	(0.0204)	(0.0073)	(0.0162)	(0.0066)
Constant	0.3956	−0.0441	−0.1796	−0.2680*	0.5279*	−0.0883
	(0.3073)	(0.1723)	(0.3169)	(0.1532)	(0.3179)	(0.1436)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,844	1,844	2,300	2,300	2,607	2,607
Adjusted R^2	0.0653	0.0135	0.0218	0.0161	0.0430	0.0047

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational level compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational level compared to their parent.

All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

H.5.2 Track Changes

Another approach rather than exit-test scores is comparing the current high-school track of the student with the school-track advice received at the end of 6^{th} grade. Deviations herein can indicate that the student demonstrated a greater (or lower) level of ability compared to shown previously.[49] Akin to the mismatch outcome, we create a new variable, *trackvsadvice*, which compares the current high-school track to the advice, and assigns whether this is an upward or downward movement in terms of the selectivity of the high-school track.[50] As this information is only available for a sub-sample of our data, we repeat the original analysis on this sample in Tables H23-H25, with Tables H20-H22 presenting the analysis using track changes on the expectations and alignment patterns. The student and parental expectation appear to be unaffected by these patterns, with no significant coefficients at the 5% level. Being enrolled in a more selective high-school track then the school-advice is associated with a reduction in the share of medium-track students expecting to complete a less selective high-school track than the parent. At the 10% significance level, we find that this effect is less prevalent when the parent completed higher education. Similarly, it also reduces the share of high-track students expecting a more selective education level than the parent, unless the parent completed higher education.

[49] This is a frequent occurrence in our context. For instance, one third of low and medium-track students are current enrolled in another high-school track compared to their school advice.

[50] For instance, a HAVO student with either a "VMBO/HAVO","HAVO" or "HAVO/VWO" advice is assigned a value of 0 ("none"). An advice of "VWO" is then classified as -1 ("down"), while an advice of any form of "VMBO", except "VMBO/HAVO" is classified as a 1 ("up").

Table H20: Heterogeneity: Students' Expectations Track Advice

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1054***	−0.0307	−0.0001	−0.0009	−0.0456*	−0.0327
	(0.0306)	(0.0207)	(0.0042)	(0.0345)	(0.0244)	(0.0237)
Age	0.0216	0.0227	0.0016	0.0017	−0.0099	0.0061
	(0.0209)	(0.0145)	(0.0038)	(0.0330)	(0.0245)	(0.0232)
Exit-Score	−0.0272*	−0.0065	−0.0024	0.0294	−0.0175*	−0.0215*
	(0.0155)	(0.0061)	(0.0019)	(0.0228)	(0.0101)	(0.0119)
Female	−0.0185	−0.0090	−0.0012	0.0147	−0.0018	−0.0300
	(0.0221)	(0.0134)	(0.0027)	(0.0286)	(0.0266)	(0.0183)
Self-Efficacy	−0.1157***	−0.0368***	−0.0018	−0.0168	−0.0814***	−0.1160***
	(0.0106)	(0.0095)	(0.0016)	(0.0147)	(0.0084)	(0.0086)
Help-Homework	0.0129	0.0093	0.0012	−0.0138	0.0074	0.0195*
	(0.0091)	(0.0065)	(0.0016)	(0.0101)	(0.0077)	(0.0102)
Talks about School	0.0161	−0.0038	−0.0025	0.0070	−0.0217**	−0.0019
	(0.0175)	(0.0077)	(0.0023)	(0.0135)	(0.0096)	(0.0093)
trackvsadvice=down	−0.0122	−0.0146		−0.0896*	0.0542*	
	(0.0488)	(0.0293)		(0.0536)	(0.0290)	
trackvsadvice=up	−0.0005	−0.0044	0.0064	−0.0307	−0.0160	0.0489
	(0.0435)	(0.0349)	(0.0171)	(0.0755)	(0.0459)	(0.0700)
HE:trackvsadvice=down	−0.0073	0.0001		0.0401	−0.0361	
	(0.0721)	(0.0296)		(0.0616)	(0.0435)	
HE:trackvsadvice=up	0.0822	−0.0052	−0.0120	−0.0158	0.0341	0.0113
	(0.0758)	(0.0386)	(0.0160)	(0.1178)	(0.0486)	(0.0630)
Constant	0.5380*	−0.2395	0.0091	1.0534*	0.9256**	0.0327
	(0.2905)	(0.2410)	(0.0541)	(0.5528)	(0.3821)	(0.3621)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,520	1,491	2,048	578	1,420	2,041
Adjusted R^2	0.1374	0.0294	−0.0028	0.0364	0.0724	0.1411

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H21: Heterogeneity: Parents' Expectations Track Advice

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.0841***	−0.0803***	−0.0115	0.0632	−0.0168	−0.0910***
	(0.0221)	(0.0241)	(0.0088)	(0.0478)	(0.0187)	(0.0309)
Age	0.0256	0.0354*	−0.0043	0.0012	−0.00004	0.0025
	(0.0172)	(0.0194)	(0.0071)	(0.0299)	(0.0130)	(0.0332)
Exit-Score	0.0276***	−0.0156	−0.0016	0.0214	−0.0063	−0.0619***
	(0.0097)	(0.0116)	(0.0043)	(0.0160)	(0.0086)	(0.0132)
Female	−0.0007	−0.0380*	−0.0089*	−0.0136	0.0140	−0.0832***
	(0.0175)	(0.0196)	(0.0047)	(0.0244)	(0.0117)	(0.0165)
Self-Efficacy	−0.0639***	−0.0531***	−0.0115***	0.0104	−0.0174**	−0.1013***
	(0.0104)	(0.0090)	(0.0045)	(0.0151)	(0.0079)	(0.0112)
Help-Homework	−0.0001	0.0049	−0.0042	0.0098	0.0030	0.0301***
	(0.0111)	(0.0077)	(0.0027)	(0.0176)	(0.0067)	(0.0085)
Talks about School	−0.0198	−0.0482***	−0.0147***	−0.0155	−0.0337***	−0.0423***
	(0.0138)	(0.0111)	(0.0045)	(0.0160)	(0.0071)	(0.0114)
trackvsadvice=down	−0.0362	−0.0188		0.0785	0.0050	
	(0.0302)	(0.0510)		(0.0490)	(0.0250)	
trackvsadvice=up	0.0023	0.0089	0.0181	0.0836	−0.0325	−0.0682
	(0.0360)	(0.0571)	(0.0285)	(0.0920)	(0.0390)	(0.0825)
HE:trackvsadvice=down	−0.0340	0.0333		−0.0794	0.0034	
	(0.0386)	(0.0552)		(0.0516)	(0.0268)	
HE:trackvsadvice=up	0.0532	0.0855	−0.0277	−0.0782	0.0106	0.1399*
	(0.0541)	(0.0598)	(0.0312)	(0.0935)	(0.0502)	(0.0796)
Constant	0.5820*	−0.1726	0.1526	1.0660**	0.9985***	0.5454
	(0.3010)	(0.2641)	(0.1143)	(0.4374)	(0.2233)	(0.5013)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,520	1,491	2,048	249	1,248	2,010
Adjusted R^2	0.0739	0.0709	0.0512	0.0814	0.0236	0.1641

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H22: Heterogeneity: Mismatch Track Advice

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.0398	0.0124	−0.0322	−0.0101	−0.0568**	0.0091
	(0.0337)	(0.0115)	(0.0278)	(0.0184)	(0.0248)	(0.0088)
Age	−0.0070	−0.0003	0.0310	0.0136	−0.0117	0.0044
	(0.0223)	(0.0118)	(0.0245)	(0.0117)	(0.0227)	(0.0108)
Exit-Score	0.0422**	−0.0114*	0.00002	−0.0038	−0.0393***	−0.0032
	(0.0167)	(0.0065)	(0.0138)	(0.0060)	(0.0078)	(0.0044)
Female	−0.0050	−0.0236**	−0.0138	0.0029	−0.0696***	−0.0090*
	(0.0176)	(0.0096)	(0.0234)	(0.0108)	(0.0166)	(0.0051)
Self-Efficacy	0.0567***	0.0005	0.0309***	−0.0131**	−0.0144	−0.0176***
	(0.0101)	(0.0070)	(0.0104)	(0.0062)	(0.0089)	(0.0046)
Help-Homework	−0.0047	0.0078	−0.0106	−0.0046	0.0060	0.0017
	(0.0095)	(0.0058)	(0.0117)	(0.0042)	(0.0101)	(0.0047)
Talks about School	−0.0255*	0.0133*	−0.0374***	0.0130*	−0.0450***	0.0039
	(0.0138)	(0.0074)	(0.0119)	(0.0077)	(0.0111)	(0.0048)
trackvsadvice=down	0.0015	0.0121	−0.0529	−0.0058		
	(0.0554)	(0.0226)	(0.0508)	(0.0189)		
trackvsadvice=up	−0.0014	0.0032	−0.0443	−0.0500***	−0.0973*	−0.0033
	(0.0416)	(0.0324)	(0.0577)	(0.0156)	(0.0569)	(0.0237)
HE:trackvsadvice=down	0.0038	0.0313	0.0687	−0.0082		
	(0.0591)	(0.0261)	(0.0596)	(0.0252)		
HE:trackvsadvice=up	0.0179	0.0280	0.1127	0.0352*	0.0987*	−0.0085
	(0.0668)	(0.0501)	(0.0737)	(0.0191)	(0.0521)	(0.0293)
Constant	0.2507	0.0141	0.0062	−0.1745	0.6679**	−0.0505
	(0.3323)	(0.1778)	(0.3687)	(0.1888)	(0.3325)	(0.1650)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,520	1,520	1,491	1,491	2,048	2,048
Adjusted R^2	0.0597	0.0123	0.0276	0.0067	0.0506	0.0060

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational level compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational level compared to their parent.

All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H23: Heterogeneity: Students' Expectations Sample Track Advice

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.1025***	−0.0325*	−0.0017	0.0078	−0.0445**	−0.0324
	(0.0227)	(0.0177)	(0.0042)	(0.0311)	(0.0197)	(0.0219)
Age	0.0209	0.0215	0.0014	−0.0012	−0.0063	0.0067
	(0.0212)	(0.0140)	(0.0038)	(0.0318)	(0.0248)	(0.0235)
Exit-Score	−0.0328**	−0.0080	−0.0020	0.0154	−0.0133	−0.0303***
	(0.0143)	(0.0062)	(0.0017)	(0.0208)	(0.0095)	(0.0074)
Female	−0.0168	−0.0090	−0.0014	0.0155	−0.0026	−0.0278
	(0.0218)	(0.0131)	(0.0027)	(0.0284)	(0.0263)	(0.0182)
Self-Efficacy	−0.1157***	−0.0367***	−0.0017	−0.0181	−0.0816***	−0.1164***
	(0.0106)	(0.0095)	(0.0016)	(0.0147)	(0.0085)	(0.0086)
Help-Homework	0.0134	0.0093	0.0011	−0.0135	0.0076	0.0204**
	(0.0090)	(0.0065)	(0.0015)	(0.0101)	(0.0077)	(0.0102)
Talks about School	0.0154	−0.0036	−0.0024	0.0081	−0.0221**	−0.0023
	(0.0172)	(0.0076)	(0.0023)	(0.0135)	(0.0094)	(0.0093)
Constant	0.5479*	−0.2266	0.0126	1.0514**	0.8805**	0.0255
	(0.2965)	(0.2369)	(0.0537)	(0.5285)	(0.3845)	(0.3666)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,520	1,491	2,048	578	1,420	2,041
Adjusted R^2	0.1388	0.0314	−0.0028	0.0338	0.0737	0.1403

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the student expects to complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the student to complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H24: Heterogeneity: Parents' Expectations Sample Track Advice

	Expects to complete MBO			Expects to complete HBO		
	Low-Track	Medium-Track	High-Track	Low-Track	Medium-Track	High-Track
HE	−0.0910***	−0.0624***	−0.0153*	0.0354	−0.0137	−0.0727***
	(0.0209)	(0.0184)	(0.0089)	(0.0342)	(0.0137)	(0.0271)
Age	0.0236	0.0363*	−0.0046	−0.0007	−0.0003	0.0038
	(0.0169)	(0.0190)	(0.0072)	(0.0275)	(0.0127)	(0.0334)
Exit-Score	0.0151**	−0.0239***	−0.0014	0.0268*	−0.0016	−0.0672***
	(0.0068)	(0.0078)	(0.0041)	(0.0159)	(0.0066)	(0.0125)
Female	0.0022	−0.0364*	−0.0094*	−0.0078	0.0135	−0.0798***
	(0.0172)	(0.0193)	(0.0049)	(0.0257)	(0.0117)	(0.0158)
Self-Efficacy	−0.0638***	−0.0533***	−0.0115***	0.0063	−0.0179**	−0.1015***
	(0.0104)	(0.0090)	(0.0044)	(0.0145)	(0.0081)	(0.0111)
Help-Homework	0.0009	0.0055	−0.0043	0.0091	0.0026	0.0311***
	(0.0111)	(0.0079)	(0.0027)	(0.0174)	(0.0066)	(0.0087)
Talks about School	−0.0204	−0.0482***	−0.0146***	−0.0154	−0.0337***	−0.0427***
	(0.0136)	(0.0114)	(0.0045)	(0.0157)	(0.0070)	(0.0115)
Constant	0.6097**	−0.1890	0.1605	1.1235***	0.9994***	0.5124
	(0.2994)	(0.2620)	(0.1170)	(0.4001)	(0.2185)	(0.5038)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,520	1,491	2,048	249	1,248	2,010
Adjusted R^2	0.0728	0.0691	0.0512	0.0851	0.0252	0.1629

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Expects to complete MBO" = dummy whether the parent expects their child complete a MBO course over going to Higher Education (HBO & WO); "Expects to complete HBO" = dummy indicating the expectation of the parent whether their child will complete a HBO degree over a WO (University) degree, conditionally on expecting Higher Education. All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO). Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Table H25: Heterogeneity: Mismatch Sample Track Advice

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.0420	0.0226**	−0.0048	−0.0066	−0.0425**	0.0081
	(0.0298)	(0.0109)	(0.0221)	(0.0142)	(0.0214)	(0.0099)
Age	−0.0069	0.0007	0.0302	0.0130	−0.0109	0.0042
	(0.0223)	(0.0117)	(0.0242)	(0.0117)	(0.0227)	(0.0109)
Exit-Score	0.0424***	−0.0069	−0.0053	−0.0022	−0.0352***	−0.0018
	(0.0142)	(0.0058)	(0.0111)	(0.0050)	(0.0075)	(0.0036)
Female	−0.0049	−0.0243**	−0.0125	0.0023	−0.0690***	−0.0094*
	(0.0176)	(0.0096)	(0.0227)	(0.0107)	(0.0163)	(0.0053)
Self-Efficacy	0.0568***	0.0004	0.0305***	−0.0132**	−0.0142	−0.0176***
	(0.0101)	(0.0069)	(0.0104)	(0.0063)	(0.0089)	(0.0046)
Help-Homework	−0.0047	0.0075	−0.0107	−0.0049	0.0059	0.0015
	(0.0094)	(0.0057)	(0.0116)	(0.0042)	(0.0101)	(0.0048)
Talks about School	−0.0256*	0.0132*	−0.0371***	0.0131*	−0.0451***	0.0040
	(0.0137)	(0.0074)	(0.0120)	(0.0076)	(0.0111)	(0.0048)
Constant	0.2491	−0.0013	0.0023	−0.1762	0.6429*	−0.0472
	(0.3311)	(0.1764)	(0.3660)	(0.1900)	(0.3331)	(0.1667)
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,520	1,520	1,491	1,491	2,048	2,048
Adjusted R^2	0.0623	0.0116	0.0276	0.0045	0.0503	0.0067

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective educational level compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational level compared to their parent.

All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

I Short-run Expectation?

I.1 Descriptive

Table I1: Attainment Expectation by School-Track Expectation: Students

School_Track	Category	Freq	MBO	HBO	WO	Share_MBO	Share_HBO	Share_WO
High-Track								
	All	2493	9	518	1966	0.4%	20.8%	78.9%
	equal	2272	5	340	1927	0.2%	15%	84.8%
	downward	221	4	178	39	1.8%	80.5%	17.6%
Medium-Track								
	All	2190	107	1746	337	4.9%	79.7%	15.4%
	upward	166	0	34	132	0%	20.5%	79.5%
	equal	1934	53	1678	203	2.7%	86.8%	10.5%
	downward	90	54	34	2	60%	37.8%	2.2%
Low-Track								
	All	1679	1005	616	58	59.9%	36.7%	3.5%
	upward	331	33	268	30	10%	81%	9.1%
	equal	1348	972	348	28	72.1%	25.8%	2.1%

Table I2: Attainment Expectation by School-Track Expectation: Parents

School_Track	Category	Freq	MBO	HBO	WO	Share_MBO	Share_HBO	Share_WO
High-Track								
	All	2493	50	1067	1376	2%	42.8%	55.2%
	equal	2084	5	746	1333	0.2%	35.8%	64%
	downward	409	45	321	43	11%	78.5%	10.5%
Medium-Track								
	All	2190	365	1750	75	16.7%	79.9%	3.4%
	upward	58	1	19	38	1.7%	32.8%	65.5%
	equal	1951	196	1718	37	10%	88.1%	1.9%
	downward	181	168	13	0	92.8%	7.2%	0%
Low-Track								
	All	1679	1412	258	9	84.1%	15.4%	0.5%
	upward	187	36	146	5	19.3%	78.1%	2.7%
	equal	1492	1376	112	4	92.2%	7.5%	0.3%

Table I3: School-Track Expectation

		Students			Parents		
School-Track	Expectation	Number	Size	Percentage	Number	Size	Percentage
Low-Track	Low-Track	1348	1679	80.286	1492	1679	88.862
Low-Track	Medium-Track	313	1679	18.642	184	1679	10.959
Low-Track	High-Track	18	1679	1.072	3	1679	0.179
Medium-Track	Low-Track	90	2190	4.110	181	2190	8.265
Medium-Track	Medium-Track	1934	2190	88.311	1951	2190	89.087
Medium-Track	High-Track	166	2190	7.580	58	2190	2.648
High-Track	Low-Track	2	2493	0.080	14	2493	0.562
High-Track	Medium-Track	219	2493	8.785	395	2493	15.844
High-Track	High-Track	2272	2493	91.135	2084	2493	83.594

Table I4: School Track Expectation: Students

		no-HE			HE			
School-Track	Expectation	Number	Size	Percentage	Number	Size	Percentage	Pvalue
Low-Track	Equal	772	900	85.778%	576	779	73.941%	0.001
Low-Track	Upward	128	900	14.222%	203	779	26.059%	0.000
Medium-Track	Downward	38	847	4.486%	52	1343	3.872%	0.055
Medium-Track	Equal	768	847	90.673%	1166	1343	86.821%	0.131
Medium-Track	Upward	41	847	4.841%	125	1343	9.308%	0.000
High-Track	Downward	79	609	12.972%	142	1884	7.537%	0.000
High-Track	Equal	530	609	87.028%	1742	1884	92.463%	0.038

Table I5: School Track Expectation: parents

		no-HE			HE			
School-Track	Expectation	Number	Size	Percentage	Number	Size	Percentage	Pvalue
Low-Track	Equal	828	900	92%	664	779	85.237%	0.019
Low-Track	Upward	72	900	8%	115	779	14.763%	0.000
Medium-Track	Downward	63	847	7.438%	118	1343	8.786%	0.033
Medium-Track	Equal	776	847	91.617%	1175	1343	87.491%	0.095
Medium-Track	Upward	8	847	0.945%	50	1343	3.723%	0.000
High-Track	Downward	127	609	20.854%	282	1884	14.968%	0.000
High-Track	Equal	482	609	79.146%	1602	1884	85.032%	0.060

Table I6: Students: Difference by Track Expectation

	Coeff.HE	Se.HE	Pred.HE=0	Pred.HE=1	R^2	N
Panel A: Low-Track						
i) outcome: Expects to complete MBO						
Equal	−0.0654***	0.0237	0.7574	0.6919	0.1116	1475
Upward	−0.0282	0.0378	0.1227	0.0944	0.1455	360
ii) outcome: Expects to complete HBO						
Equal	0.0210	0.0348	0.9168	0.9378	0.1595	399
Upward	−0.0472	0.0412	0.9237	0.8765	0.2261	322
Panel B: Medium-Track						
i) outcome: Expects to complete MBO						
Downward	−0.3857**	0.1538	0.8345	0.4487	0.4633	94
Equal	−0.0085	0.0119	0.0333	0.0248	0.0354	2022
Upward						173
ii) outcome: Expects to complete HBO						
Downward	0.8365	0.3200	0.3402	1.1768	0.9989	36
Equal	−0.0097	0.0155	0.8964	0.8867	0.0819	1965
Upward	0.0445	0.0833	0.1751	0.2196	0.2613	173
Panel C: High-Track						
i) outcome: Expects to complete MBO						
Downward	−0.0034	0.0287	0.0195	0.0160	0.1713	231
Equal	−0.0006	0.0033	0.0026	0.0019	0.0123	2366
ii) outcome: Expects to complete HBO						
Downward	0.0496	0.0549	0.7872	0.8368	0.3344	227
Equal	−0.0438*	0.0232	0.1810	0.1371	0.1063	2361

Significance levels: *p<0.1; **p<0.05; ***p<0.01

All analyses are linear probability models. Coefficient of interest ("Coeff.HE") depicted here is whether, at least, one of the parents completed higher education (HBO & WO).

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table I7: parents: Difference by Track Expectation

	Coeff.HE	Se.HE	Pred.HE=0	Pred.HE=1	R^2	N
Panel A: Low-Track						
i) outcome: Expects child complete MBO						
Equal	−0.0364**	0.0170	0.9382	0.9017	0.0875	1500
Upward	−0.2398***	0.0875	0.3429	0.1031	0.3207	189
ii) outcome: Expects child complete HBO						
Equal	0.0288	0.0371	0.9490	0.9778	0.6450	117
Upward	0.0147	0.0446	0.9570	0.9717	0.2952	152
Panel B: Medium-Track						
i) outcome: Expects child complete MBO						
Downward	−0.0108	0.0709	0.9301	0.9193	0.2466	182
Equal	−0.0670***	0.0118	0.1408	0.0737	0.0621	1963
Upward	−0.1955	0.1462	0.1858	−0.0097	0.6659	58
ii) outcome: Expects child complete HBO						
Downward						14
Equal	0.0050	0.0097	0.9759	0.9809	0.0333	1766
Upward	0.4227	0.3346	−0.0375	0.3852	0.6049	57
Panel C: High-Track						
i) outcome: Expects child complete MBO						
Downward	−0.0522	0.0382	0.1458	0.0935	0.2148	410
Equal	−0.0063	0.0048	0.0073	0.0009	0.0395	2093
ii) outcome: Expects child complete HBO						
Downward	−0.0486**	0.0231	0.9164	0.8677	0.3950	365
Equal	−0.1000***	0.0273	0.4372	0.3372	0.1318	2088

Significance levels: *p<0.1; **p<0.05; ***p<0.01

All analyses are linear probability models. Coefficient of interest ("Coeff.HE") depicted here is whether, at least, one of the parents completed higher education (HBO & WO).

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Figure I1: Mismatch Occurrence

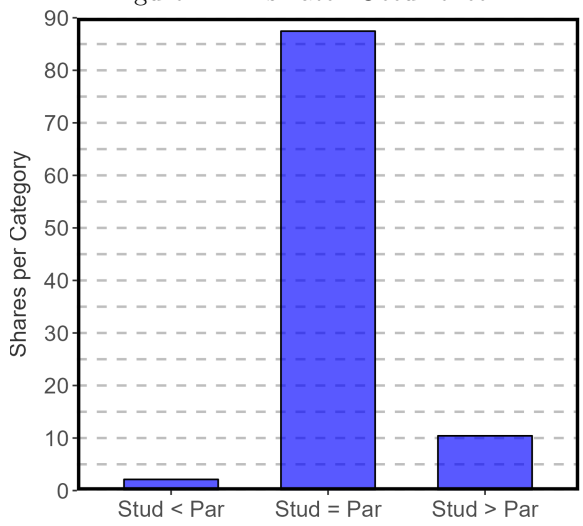


Table I8: Students vs Parents: Mismatch School Track

Mismatch?	Number	Total	Share of Total
Student < Parent	135	6362	2.122
Student = Parent	5564	6362	87.457
Student > Parent	663	6362	10.421

Figure I2: Mismatch Occurrence by Track

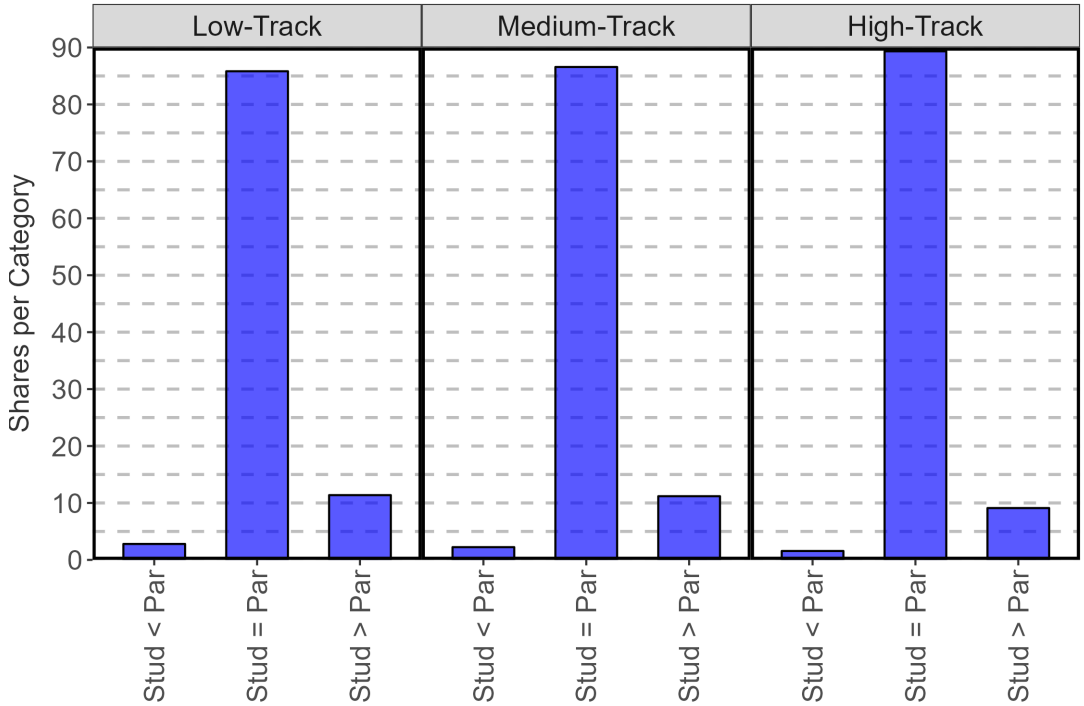


Table I9: Students vs Parents: Mismatch School Track by Track

School-Track	Mismatch?	Number	Total	Share of Total
High-Track	Student > Parent	227	2493	9.105
High-Track	Student = Parent	2227	2493	89.330
High-Track	Student < Parent	39	2493	1.564
Medium-Track	Student > Parent	245	2190	11.187
Medium-Track	Student = Parent	1896	2190	86.575
Medium-Track	Student < Parent	49	2190	2.237
Low-Track	Student > Parent	191	1679	11.376
Low-Track	Student = Parent	1441	1679	85.825
Low-Track	Student < Parent	47	1679	2.799

Figure I3: Mismatch Occurrence by Track & Parental Education

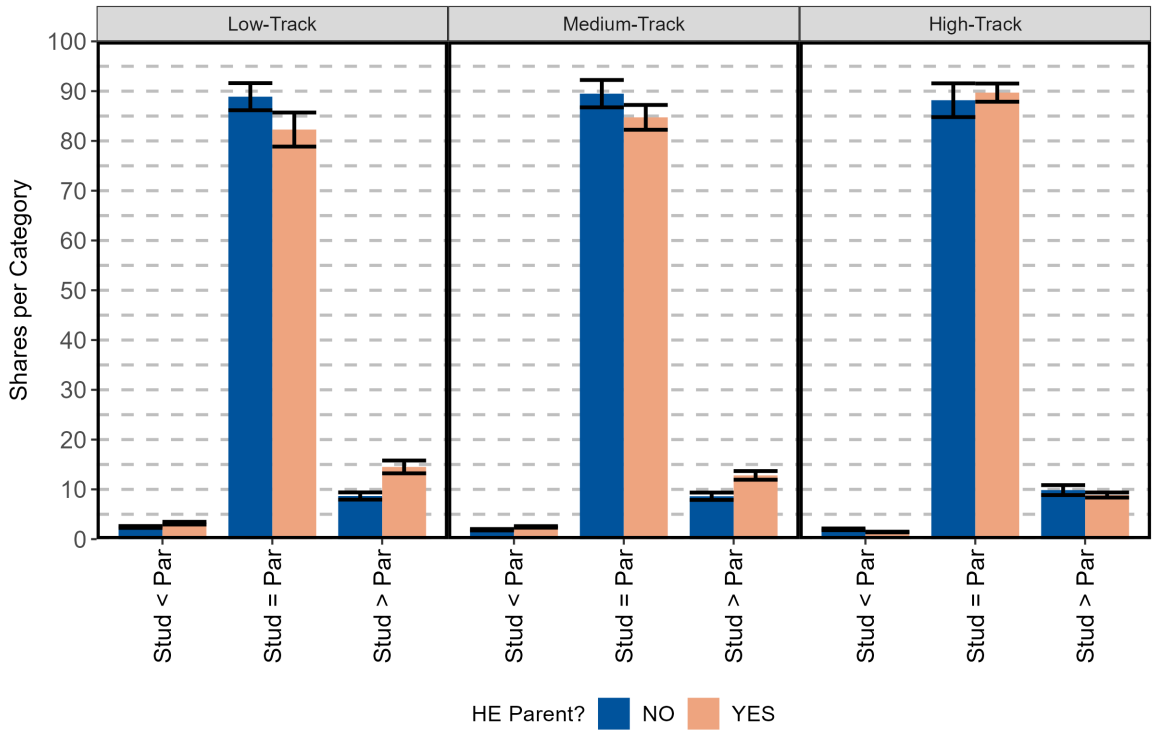


Table I10: Students vs Parents: Mismatch in School Track Expectation by Parental Education

		no higher education			higher education			
Mismatch?	School-Track	Number	Total	Share	Number	Total	Share	P-value
High-Track	Stud > Par	60	609	9.852	167	1884	8.864	0.200
High-Track	Stud = Par	537	609	88.177	1690	1884	89.703	0.567
High-Track	Stud < Par	12	609	1.970	27	1884	1.433	0.000
Medium-Track	Stud > Par	73	847	8.619	172	1343	12.807	0.000
Medium-Track	Stud = Par	758	847	89.492	1138	1343	84.736	0.075
Medium-Track	Stud < Par	16	847	1.889	33	1343	2.457	0.000
Low-Track	Stud > Par	78	900	8.667	113	779	14.506	0.000
Low-Track	Stud = Par	800	900	88.889	641	779	82.285	0.035
Low-Track	Stud < Par	22	900	2.444	25	779	3.209	0.001

I.2 HE Exact

Table I11: Mismatched School Track Expectations

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE	0.0551***	0.0049	0.0455***	0.0064	−0.0048	−0.0012
	(0.0162)	(0.0093)	(0.0149)	(0.0071)	(0.0176)	(0.0072)
Age	−0.0134	−0.0047	0.0037	0.0091	0.0008	0.0063
	(0.0168)	(0.0070)	(0.0158)	(0.0092)	(0.0125)	(0.0048)
Female	0.0012	0.0035	−0.0014	−0.0141**	−0.0294***	−0.0034
	(0.0180)	(0.0069)	(0.0119)	(0.0068)	(0.0106)	(0.0039)
Exit-Score	0.0050	0.0018	−0.0074	−0.0021	−0.0210***	0.0020
	(0.0081)	(0.0043)	(0.0063)	(0.0032)	(0.0068)	(0.0022)
Self-Efficacy	0.0399***	0.0038	0.0171**	−0.0124**	−0.0131***	−0.0129***
	(0.0090)	(0.0041)	(0.0081)	(0.0052)	(0.0051)	(0.0026)
Help-Homework	0.0002	−0.0055	−0.0105**	−0.0037	0.0043	0.0040
	(0.0080)	(0.0041)	(0.0049)	(0.0037)	(0.0061)	(0.0024)
Talks about School	−0.0184	0.0026	−0.0105	0.0034	−0.0427***	0.0029
	(0.0112)	(0.0053)	(0.0094)	(0.0043)	(0.0084)	(0.0027)
Constant	0.2833	0.0964	0.0481	−0.1101	0.1948	−0.0817
	(0.2480)	(0.1282)	(0.2350)	(0.1420)	(0.2048)	(0.0809)
Pred.HE=0	0.0882	0.0257	0.084	0.0185	0.0947	0.0165
Pred.HE=1	0.1433	0.0306	0.1295	0.0248	0.0899	0.0154
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,679	1,679	2,190	2,190	2,493	2,493
Adjusted R^2	0.0541	−0.0116	0.0311	0.0121	0.0701	0.0129

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective high-school track compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational high-school track compared to their parent.

All analyses are linear probability models. Coefficient of interest is whether, at least, one the parents completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table I12: School Track Expectation: Students'

	Low-Track	Medium-Track		High-Track
	Upward	Downward	Upward	Downward
HE	0.1073***	−0.0146*	0.0417***	−0.0286**
	(0.0222)	(0.0084)	(0.0102)	(0.0130)
Age	−0.0309*	0.0251***	−0.0245*	0.0271*
	(0.0166)	(0.0093)	(0.0127)	(0.0154)
Female	0.0301	−0.0229**	0.0112	−0.0245**
	(0.0210)	(0.0095)	(0.0114)	(0.0118)
Exit-Score	0.0058	−0.0064*	0.0090*	−0.0208***
	(0.0081)	(0.0034)	(0.0046)	(0.0063)
Self-Efficacy	0.0842***	−0.0381***	0.0447***	−0.0841***
	(0.0107)	(0.0064)	(0.0051)	(0.0076)
Help-Homework	−0.0028	0.0112***	−0.0085	0.0050
	(0.0098)	(0.0041)	(0.0054)	(0.0050)
Talks about School	−0.0096	−0.0095**	0.0252***	0.0019
	(0.0164)	(0.0046)	(0.0084)	(0.0061)
Constant	0.5452**	−0.2777*	0.3227*	−0.3304
	(0.2547)	(0.1525)	(0.1900)	(0.2221)
Pred.HE=0	0.1474	0.05	0.0503	0.1102
Pred.HE=1	0.2546	0.0355	0.0919	0.0817
School Dummies	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes
Observations	1,679	2,190	2,190	2,493
Adjusted R^2	0.1258	0.0718	0.0460	0.1172

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Downward" = dummy whether the student expects to complete a less selective high-school track then the one of current enrollment;

"Upward" = dummy whether the student expects to complete a more selective high-school track then the one of current enrollment;

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table I13: School Track Expectation: Parents'

	Low-Track	Medium-Track		High-Track
	Upward	Downward	Upward	Downward
HE	0.0572***	0.0080	0.0253***	−0.0322
	(0.0153)	(0.0119)	(0.0061)	(0.0197)
Age	−0.0222	0.0347***	−0.0094	0.0216
	(0.0172)	(0.0110)	(0.0074)	(0.0174)
Female	0.0324***	−0.0220*	−0.0011	−0.0504***
	(0.0122)	(0.0130)	(0.0082)	(0.0145)
Exit-Score	0.0027	−0.0164***	0.0037	−0.0438***
	(0.0068)	(0.0062)	(0.0038)	(0.0071)
Self-Efficacy	0.0481***	−0.0393***	0.0136***	−0.0843***
	(0.0111)	(0.0068)	(0.0040)	(0.0073)
Help-Homework	−0.0086	0.0078*	−0.0056	0.0054
	(0.0074)	(0.0046)	(0.0038)	(0.0071)
Talks about School	0.0115	−0.0364***	0.0142***	−0.0437***
	(0.0107)	(0.0077)	(0.0050)	(0.0107)
Constant	0.3582	−0.2987*	0.1368	−0.0539
	(0.2810)	(0.1577)	(0.1198)	(0.2735)
Pred.HE=0	0.0849	0.0778	0.0109	0.1884
Pred.HE=1	0.142	0.0857	0.0363	0.1562
School Dummies	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes
Observations	1,679	2,190	2,190	2,493
Adjusted R^2	0.0630	0.0890	0.0345	0.1354

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Downward" = dummy whether the parent expects their child to complete a less selective high-school track then the one of current enrollment;

"Upward" = dummy whether the parent expects their child to complete a more selective high-school track then the one of current enrollment;

All analyses are linear probability models. Coefficient of interest is whether, at least, one parent completed higher education (HBO & WO).

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Pred.HE implies the predicted value of the dependent variable by HE status, in which a value of 0 indicates that there is no parent who completed higher education in the household, whereas 1 indicates at least one higher educated parent in the household.

Table I14: Parent School-Track Expectation

		MBO			HBO			WO		
studie2_vo3ad	Studexp?	Freq	Total	Share	Freq	Total	Share	Freq	Total	Share
Low-Track	Equal	828	900	92.000	531	612	86.765	133	167	79.641
Low-Track	Upward	72	900	8.000	81	612	13.235	34	167	20.359
Medium-Track	Downward	63	847	7.438	81	955	8.482	37	388	9.536
Medium-Track	Equal	776	847	91.617	847	955	88.691	328	388	84.536
Medium-Track	Upward	8	847	0.945	27	955	2.827	23	388	5.928
High-Track	Downward	127	609	20.854	190	1108	17.148	92	776	11.856
High-Track	Equal	482	609	79.146	918	1108	82.852	684	776	88.144

Table I15: Student School-Track Expectation

		MBO			HBO			WO		
studie2_vo3ad	Parexp	Freq	Total	Share	Freq	Total	Share	Freq	Total	Share
Low-Track	Equal	772	900	85.778	465	612	75.980	111	167	66.467
Low-Track	Upward	128	900	14.222	147	612	24.020	56	167	33.533
Medium-Track	Downward	38	847	4.486	35	955	3.665	17	388	4.381
Medium-Track	Equal	768	847	90.673	844	955	88.377	322	388	82.990
Medium-Track	Upward	41	847	4.841	76	955	7.958	49	388	12.629
High-Track	Downward	79	609	12.972	116	1108	10.469	26	776	3.351
High-Track	Equal	530	609	87.028	992	1108	89.531	750	776	96.649

Table I16: Mismatch School-Track Expectation

		MBO			HBO			WO		
studie2_vo3ad	(mis-)match?	Freq	Total	Share	Freq	Total	Share	Freq	Total	Share
Low-Track	Stud < Par	22	900	2.444	17	612	2.778	8	167	4.790
Low-Track	Stud = Par	800	900	88.889	512	612	83.660	129	167	77.246
Low-Track	Stud > Par	78	900	8.667	83	612	13.562	30	167	17.964
Medium-Track	Stud < Par	16	847	1.889	22	955	2.304	11	388	2.835
Medium-Track	Stud = Par	758	847	89.492	817	955	85.550	321	388	82.732
Medium-Track	Stud > Par	73	847	8.619	116	955	12.147	56	388	14.433
High-Track	Stud < Par	12	609	1.970	23	1108	2.076	4	776	0.515
High-Track	Stud = Par	537	609	88.177	988	1108	89.170	702	776	90.464
High-Track	Stud > Par	60	609	9.852	97	1108	8.755	70	776	9.021

Figure I4: Mismatch Occurrence by Track & Exact Parental Education

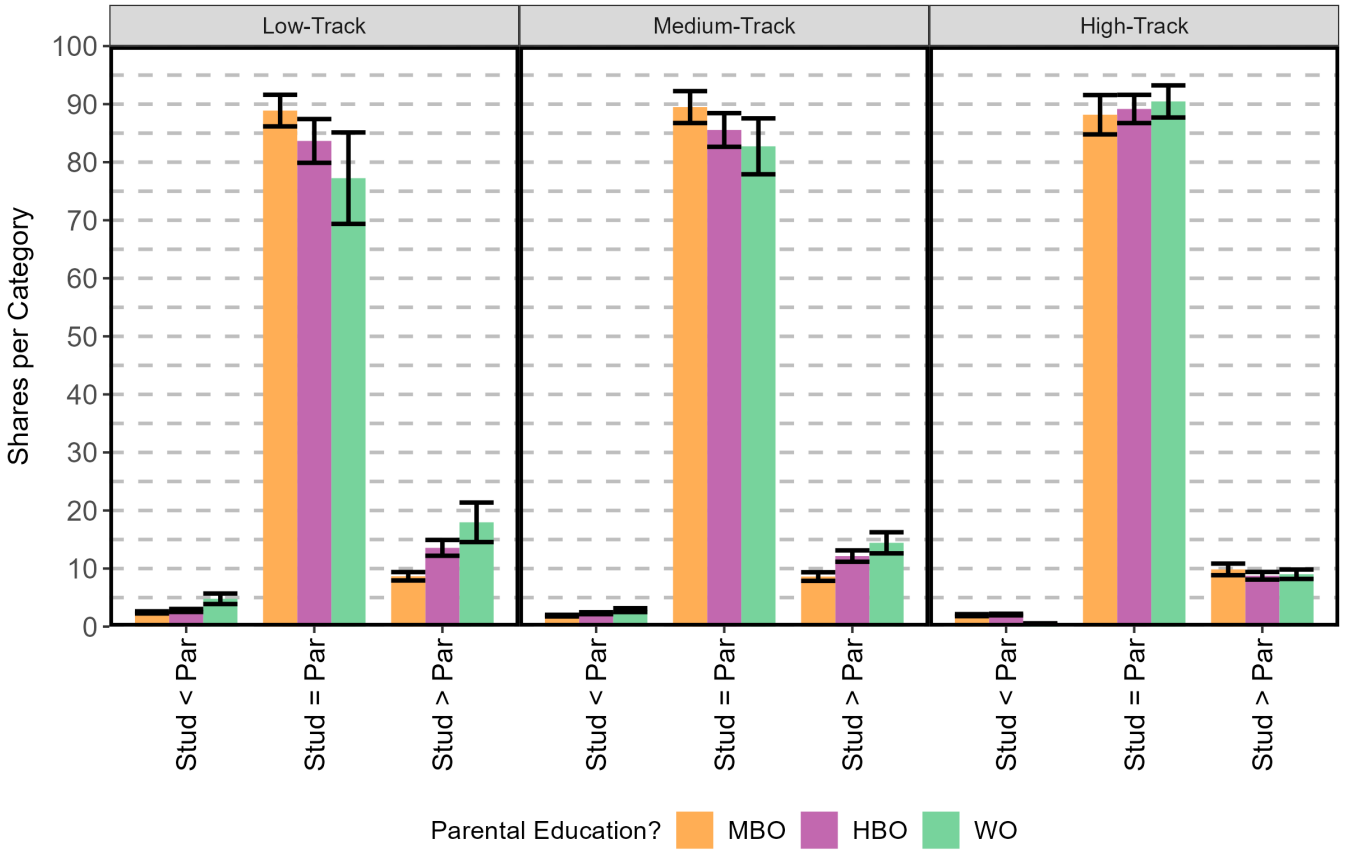


Table I17: Mismatched School Track Expectations: Exact Level Parental Education

	Low-Track		Medium-Track		High-Track	
	Stud >Par	Stud <Par	Stud >Par	Stud <Par	Stud >Par	Stud <Par
HE=HBO	0.0477***	0.0022	0.0387**	0.0059	−0.0070	0.0017
	(0.0174)	(0.0090)	(0.0174)	(0.0077)	(0.0173)	(0.0078)
HE=WO	0.0872***	0.0171	0.0678***	0.0079	−0.0001	−0.0071
	(0.0316)	(0.0158)	(0.0194)	(0.0090)	(0.0210)	(0.0070)
Age	−0.0137	−0.0049	0.0038	0.0091	0.0009	0.0062
	(0.0168)	(0.0069)	(0.0160)	(0.0092)	(0.0125)	(0.0048)
Female	0.0016	0.0036	−0.0011	−0.0140**	−0.0294***	−0.0033
	(0.0180)	(0.0069)	(0.0118)	(0.0068)	(0.0106)	(0.0039)
Exit-Score	0.0051	0.0019	−0.0065	−0.0021	−0.0211***	0.0020
	(0.0081)	(0.0043)	(0.0061)	(0.0030)	(0.0068)	(0.0022)
Self-Efficacy	0.0393***	0.0036	0.0169**	−0.0125**	−0.0133***	−0.0127***
	(0.0090)	(0.0041)	(0.0082)	(0.0052)	(0.0050)	(0.0026)
Help-Homework	−0.0002	−0.0056	−0.0110**	−0.0038	0.0043	0.0040
	(0.0081)	(0.0041)	(0.0047)	(0.0037)	(0.0061)	(0.0024)
Talks about School	−0.0182	0.0027	−0.0100	0.0034	−0.0426***	0.0027
	(0.0112)	(0.0052)	(0.0094)	(0.0043)	(0.0083)	(0.0027)
Constant	0.2915	0.0995	0.0417	−0.1105	0.1930	−0.0795
	(0.2486)	(0.1279)	(0.2384)	(0.1424)	(0.2047)	(0.0810)
Pred.HE=MBO	0.0877	0.0255	0.083	0.0184	0.0942	0.0171
Pred.HE=HBO	0.1354	0.0277	0.1217	0.0243	0.0872	0.0188
Pred.HE=WO	0.1748	0.0426	0.1508	0.0263	0.0941	0.01
School Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes	Yes	Yes
Observations	1,679	1,679	2,190	2,190	2,493	2,493
Adjusted R^2	0.0547	−0.0117	0.0317	0.0117	0.0698	0.0133

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Student > Parent": Dummy indicating that the student expects to complete a more selective high-school track compared to their parent.

"Student < Parent": Dummy indicating that the student expects to complete a less selective educational high-school track compared to their parent.

All analyses are linear probability models. Coefficient of interest is the exact level of education completed.

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Pred.HE implies the predicted value of the dependent variable by parental education

Table I18: School Track Expectation: Students' : Exact Level Parental Education'

	Low-Track	Medium-Track		High-Track
	Upward	Downward	Upward	Downward
HE=HBO	0.0929***	−0.0130	0.0320**	−0.0158
	(0.0224)	(0.0087)	(0.0129)	(0.0130)
HE=WO	0.1704***	−0.0196*	0.0736***	−0.0557***
	(0.0394)	(0.0112)	(0.0129)	(0.0178)
Age	−0.0315*	0.0251***	−0.0243*	0.0266*
	(0.0162)	(0.0093)	(0.0131)	(0.0154)
Female	0.0309	−0.0230**	0.0117	−0.0241**
	(0.0213)	(0.0094)	(0.0114)	(0.0118)
Exit-Score	0.0060	−0.0066*	0.0102**	−0.0208***
	(0.0081)	(0.0034)	(0.0047)	(0.0063)
Self-Efficacy	0.0829***	−0.0381***	0.0443***	−0.0829***
	(0.0107)	(0.0064)	(0.0051)	(0.0075)
Help-Homework	−0.0036	0.0113***	−0.0093*	0.0052
	(0.0100)	(0.0041)	(0.0051)	(0.0051)
Talks about School	−0.0092	−0.0096**	0.0259***	0.0010
	(0.0165)	(0.0045)	(0.0082)	(0.0060)
Constant	0.5612**	−0.2762*	0.3136	−0.3203
	(0.2489)	(0.1526)	(0.1956)	(0.2229)
Pred.HE=MBO	0.1463	0.0503	0.0488	0.113
Pred.HE=HBO	0.2392	0.0372	0.0808	0.0972
Pred.HE=WO	0.3167	0.0306	0.1224	0.0573
School Dummies	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes
Observations	1,679	2,190	2,190	2,493
Adjusted R^2	0.1282	0.0715	0.0484	0.1200

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Downward" = dummy whether the student expects to complete a less selective high-school track then the one of current enrollment;

"Upward" = dummy whether the student expects to complete a more selective high-school track then the one of current enrollment;

All analyses are linear probability models. Coefficient of interest is the exact level of parental education.

Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Pred.HE implies the predicted value of the dependent variable by parental education

Table I19: School Track Expectation: Parents' : Exact Level Parental Education

	Low-Track	Medium-Track		High-Track
	Upward	Downward	Upward	Downward
HE=HBO	0.0473***	0.0071	0.0198***	−0.0244
	(0.0168)	(0.0133)	(0.0069)	(0.0168)
HE=WO	0.1003***	0.0108	0.0438***	−0.0486
	(0.0234)	(0.0143)	(0.0090)	(0.0298)
Age	−0.0227	0.0348***	−0.0092	0.0213
	(0.0171)	(0.0110)	(0.0074)	(0.0174)
Female	0.0329***	−0.0219*	−0.0009	−0.0502***
	(0.0123)	(0.0130)	(0.0081)	(0.0144)
Exit-Score	0.0028	−0.0163***	0.0043	−0.0438***
	(0.0068)	(0.0062)	(0.0038)	(0.0071)
Self-Efficacy	0.0472***	−0.0393***	0.0134***	−0.0836***
	(0.0112)	(0.0068)	(0.0039)	(0.0070)
Help-Homework	−0.0091	0.0077*	−0.0060	0.0055
	(0.0073)	(0.0046)	(0.0038)	(0.0072)
Talks about School	0.0117	−0.0363***	0.0146***	−0.0443***
	(0.0107)	(0.0077)	(0.0050)	(0.0106)
Constant	0.3692	−0.2996*	0.1316	−0.0478
	(0.2778)	(0.1570)	(0.1202)	(0.2734)
Pred.HE=MBO	0.0842	0.0776	0.0101	0.19
Pred.HE=HBO	0.1315	0.0847	0.0299	0.1656
Pred.HE=WO	0.1844	0.0885	0.0539	0.1414
School Dummies	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes
Observations	1,679	2,190	2,190	2,493
Adjusted R^2	0.0646	0.0885	0.0366	0.1357

Significance levels: *p<0.1; **p<0.05; ***p<0.01

Outcome variable: "Downward" = dummy whether the parent expects their child to complete a less selective high-school track then the one of current enrollment;

"Upward" = dummy whether the parent expects their child to complete a more selective high-school track then the one of current enrollment;

All analyses are linear probability models. Coefficient of interest is the exact level of parental education completed.

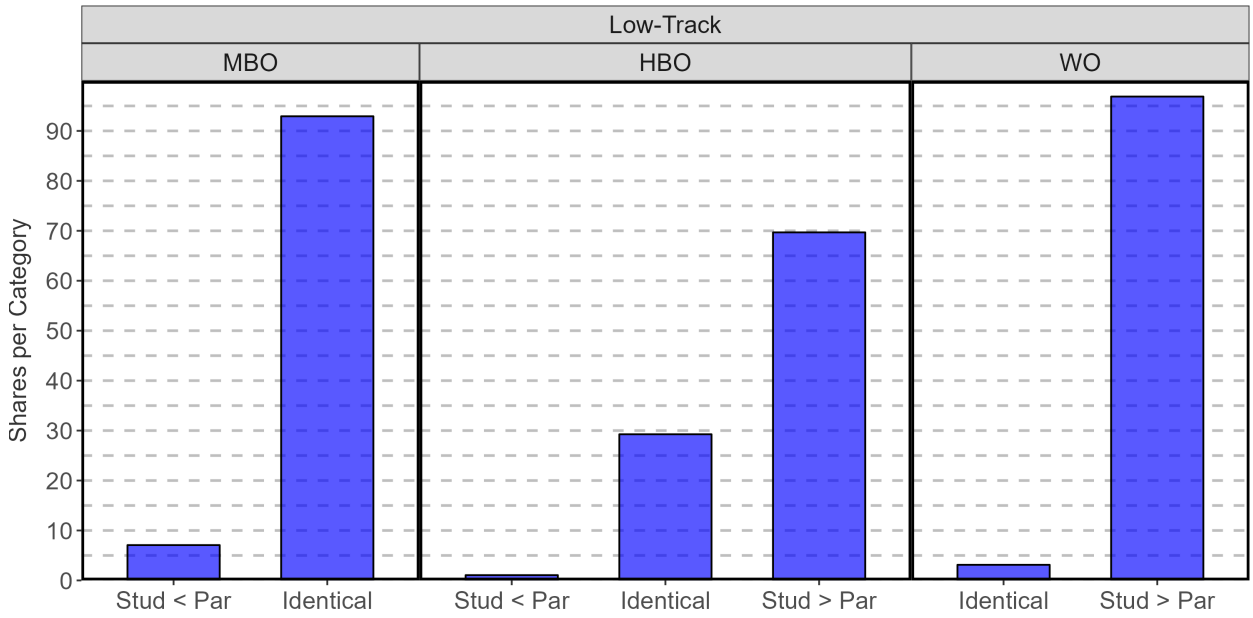
Income and maternal employment are omitted for the sake of readability, but are included in the regression.

Pred.HE implies the predicted value of the dependent variable by parental education.

J Mismatch by Student Expectation

J.1 General

Figure J1: Mismatch Frequency of Low-Track students by their Expectation

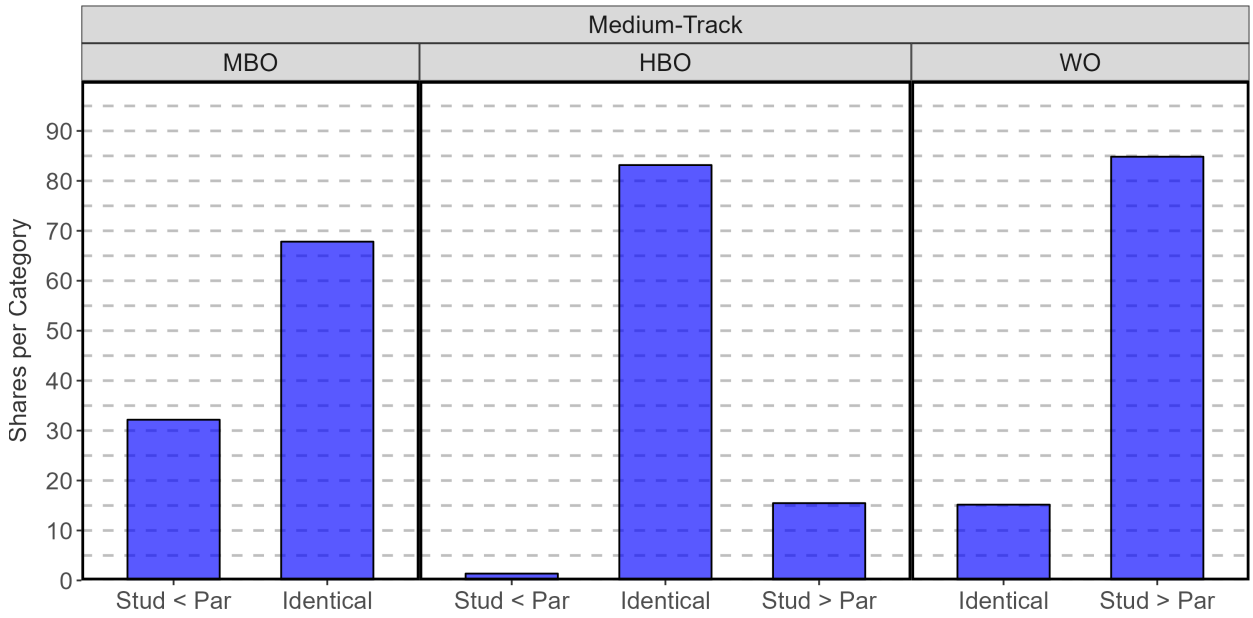


This figure presents, for the Low-Track (VMBO gt) students, and their parents, the share of mismatches by the educational expectation of the student. The numbers are available in Appendix Table J1.

Table J1: Mismatch by Student Expectation: Low-Track

School-Track	Student Expect.	Mismatch	Frequency	Total_studexp	Total	Share
Low-Track	MBO	Stud < Par	79	1117	1844	7.073
Low-Track	MBO	Identical	1038	1117	1844	92.927
Low-Track	HBO	Stud < Par	7	663	1844	1.056
Low-Track	HBO	Identical	194	663	1844	29.261
Low-Track	HBO	Stud > Par	462	663	1844	69.683
Low-Track	WO	Identical	2	64	1844	3.125
Low-Track	WO	Stud > Par	62	64	1844	96.875

Figure J2: Mismatch Frequency of Medium-Track students by their Expectation

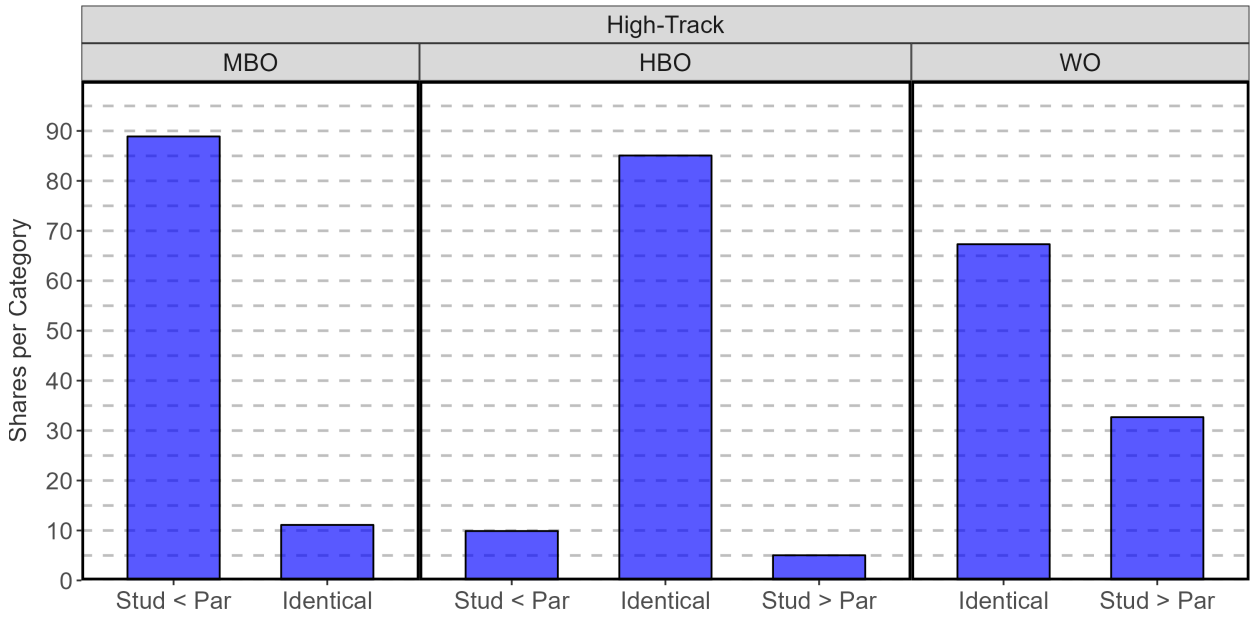


This figure presents, for the Medium-Track (HAVO) students and their parents, the share of mismatches by the educational expectation of the student. The numbers are available in Appendix Table J2.

Table J2: Mismatch by Student Expectation: Medium-Track

School-Track	Student Expect.	Mismatch	Frequency	Total_studexp	Total	Share
Medium-Track	MBO	Stud < Par	37	115	2300	32.174
Medium-Track	MBO	Identical	78	115	2300	67.826
Medium-Track	HBO	Stud < Par	25	1829	2300	1.367
Medium-Track	HBO	Identical	1521	1829	2300	83.160
Medium-Track	HBO	Stud > Par	283	1829	2300	15.473
Medium-Track	WO	Identical	54	356	2300	15.169
Medium-Track	WO	Stud > Par	302	356	2300	84.831

Figure J3: Mismatch Frequency of High-Track students by their Expectation



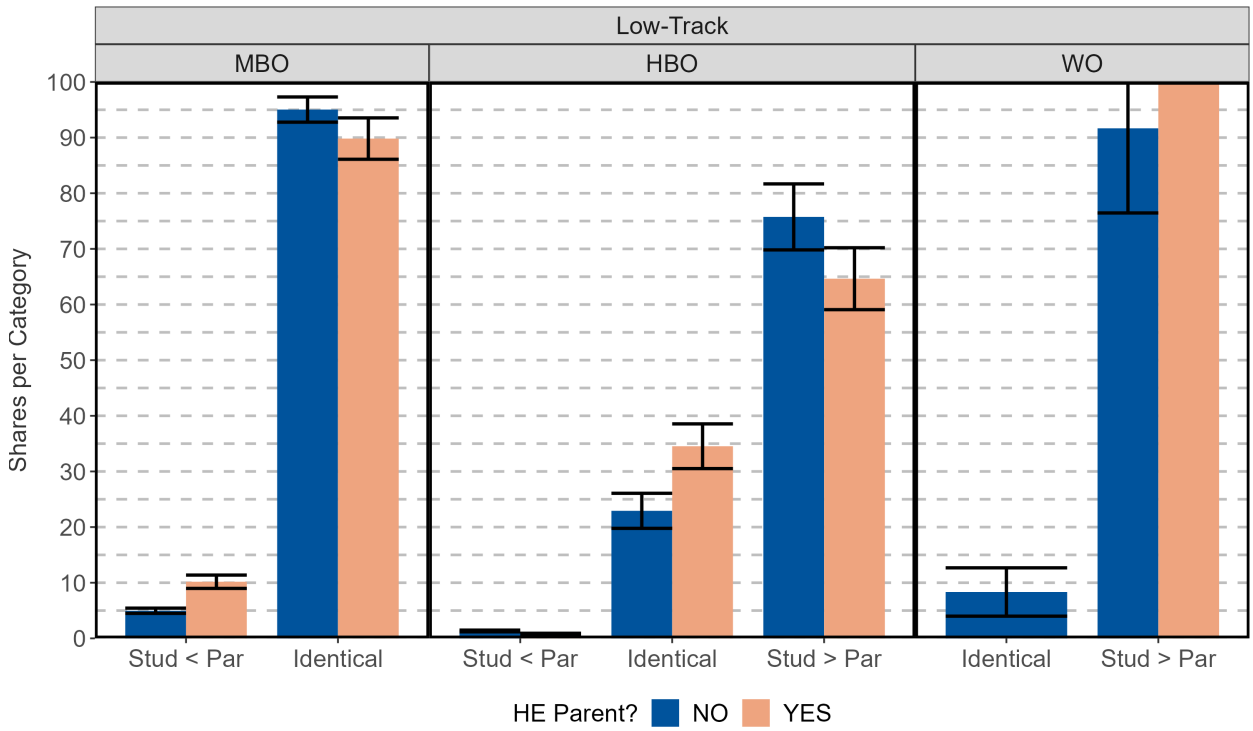
This figure presents, for the High-Track (VWO) students and their parents, the share of mismatches by the educational expectation of the student. The numbers are available in Appendix Table J3.

Table J3: Mismatch by Student Expectation: High-Track

School-Track	Student Expect.	Mismatch	Frequency	Total_studexp	Total	Share
High-Track	MBO	Stud < Par	8	9	2607	88.889
High-Track	MBO	Identical	1	9	2607	11.111
High-Track	HBO	Stud < Par	53	536	2607	9.888
High-Track	HBO	Identical	456	536	2607	85.075
High-Track	HBO	Stud > Par	27	536	2607	5.037
High-Track	WO	Identical	1388	2062	2607	67.313
High-Track	WO	Stud > Par	674	2062	2607	32.687

J.2 By Parental Education

Figure J4: Mismatch Frequency of Low-Track students by their Expectation and Parental Education

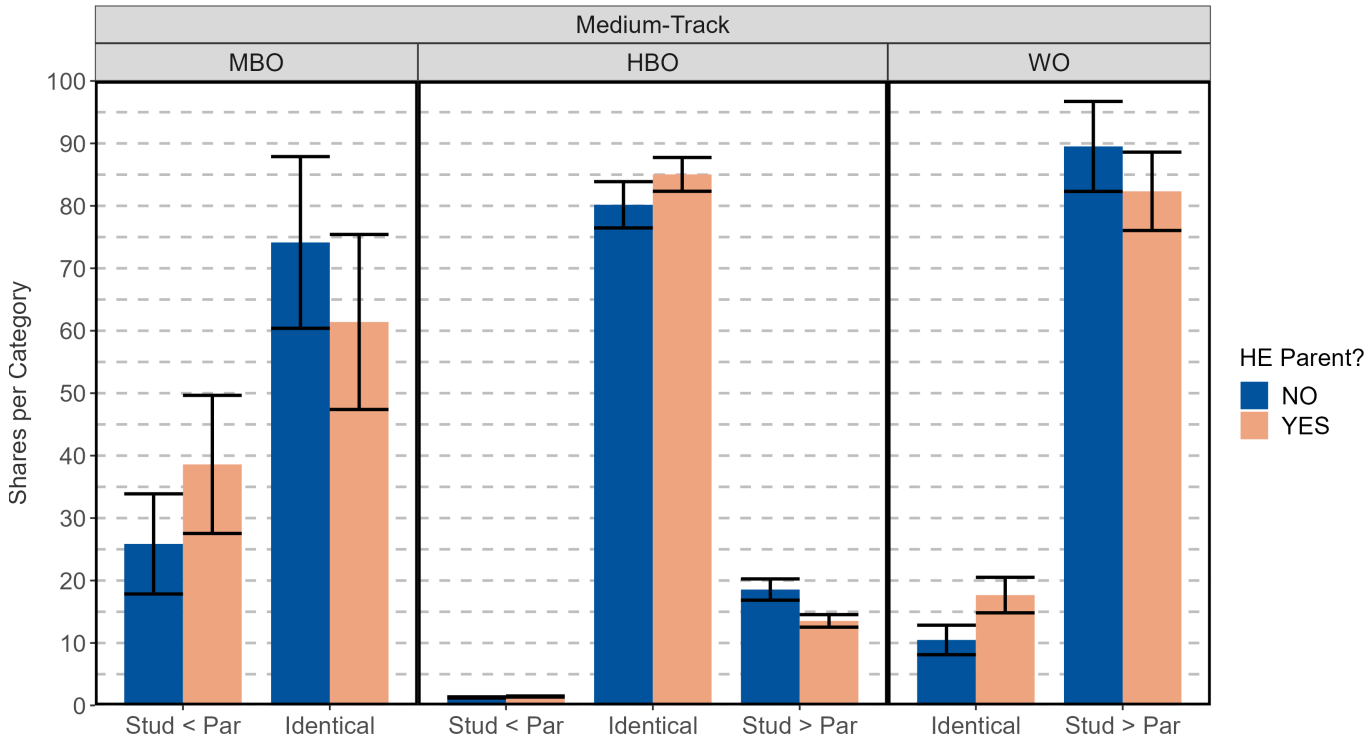


This figure presents, for the Low-Track students and their parents, the share of mismatched conditional on the educational expectation of the student and the level of parental education. The numbers are available in Appendix Table J4 The confidence interval depicts the 95% level.

Table J4: Mismatch by Student Expectation and Parental Education: Low-Track

			No-HE			HE			
School-Track	Mismatch?	Studexp	Count	Total	Share	Count	Total	Share	Pvalue
Low-Track	Stud < Par	HBO	4	301	1.33%	3	362	0.83%	0.000
Low-Track	Stud < Par	MBO	33	665	4.96%	46	452	10.18%	0.000
Low-Track	Identical	HBO	69	301	22.92%	125	362	34.53%	0.002
Low-Track	Identical	MBO	632	665	95.04%	406	452	89.82%	0.088
Low-Track	Identical	WO	2	24	8.33%			NA%	
Low-Track	Stud > Par	HBO	228	301	75.75%	234	362	64.64%	0.059
Low-Track	Stud > Par	WO	22	24	91.67%	40	40	100%	0.291

Figure J5: Mismatch Frequency of Medium-Track students by their Expectation and Parental Education

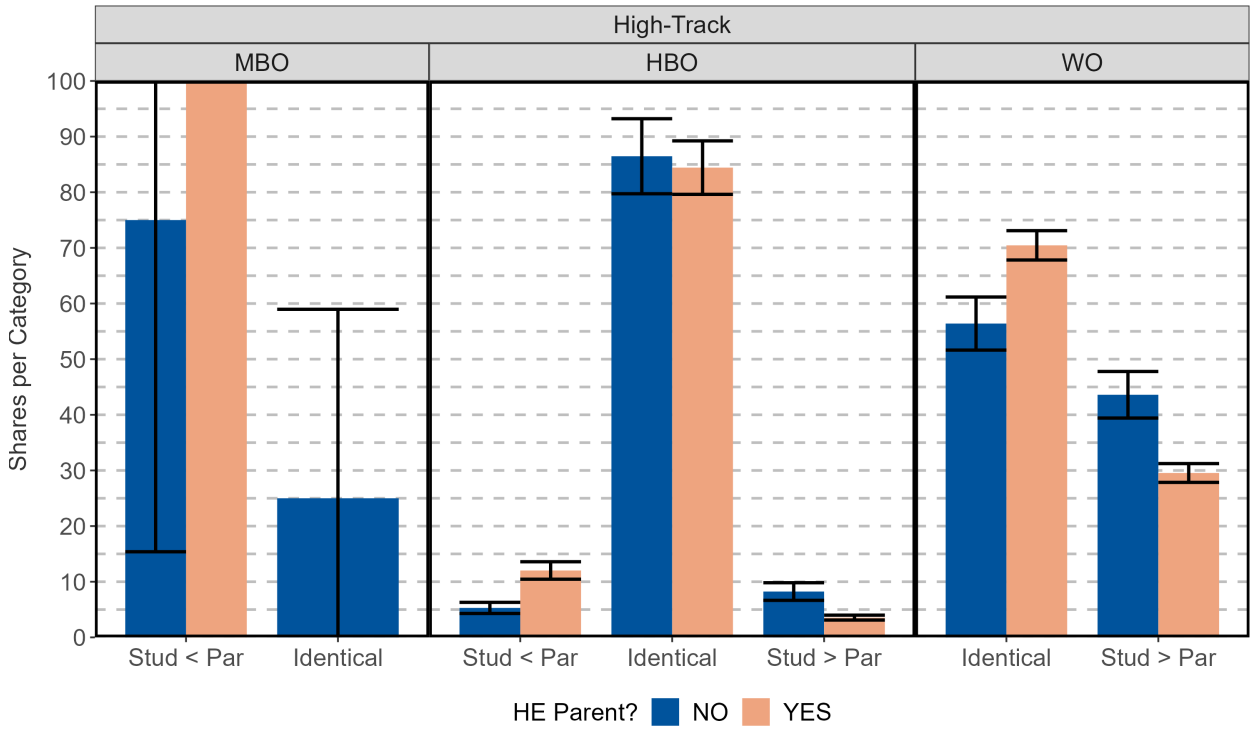


This figure presents, for the Medium-Track students (and their parents), the share of mismatched conditional on the educational expectation of the student and the level of parental education. The numbers are available in Appendix Table J5 The confidence interval depicts the 95% level.

Table J5: Mismatch by Student Expectation and Parental Education: Medium-Track

			No-HE			HE			
School-Track	Mismatch?	Studexp	Count	Total	Share	Count	Total	Share	Pvalue
Medium-Track	Stud < Par	HBO	9	706	1.27%	16	1123	1.42%	0.107
Medium-Track	Stud < Par	MBO	15	58	25.86%	22	57	38.6%	0.196
Medium-Track	Identical	HBO	566	706	80.17%	955	1123	85.04%	0.137
Medium-Track	Identical	MBO	43	58	74.14%	35	57	61.4%	0.372
Medium-Track	Identical	WO	13	124	10.48%	41	232	17.67%	0.007
Medium-Track	Stud > Par	HBO	131	706	18.56%	152	1123	13.54%	0.000
Medium-Track	Stud > Par	WO	111	124	89.52%	191	232	82.33%	0.297

Figure J6: Mismatch Frequency of High-Track students by their Expectation and Parental Education



This figure presents, for the High-Track students (and their parents), the share of mismatched conditional on the educational expectation of the student and the level of parental education. The numbers are available in Appendix Table J6 The confidence interval depicts the 95% level.

Table J6: Mismatch by Student Expectation and Parental Education: High-Track

			No-HE			HE			
School-Track	Mismatch?	Studexp	Count	Total	Share	Count	Total	Share	Pvalue
High-Track	Stud < Par	HBO	9	170	5.29%	44	366	12.02%	0.000
High-Track	Stud < Par	MBO	3	4	75%	5	5	100%	0.452
High-Track	Identical	HBO	147	170	86.47%	309	366	84.43%	0.729
High-Track	Identical	MBO	1	4	25%			NA%	
High-Track	Identical	WO	260	461	56.4%	1128	1601	70.46%	0.000
High-Track	Stud > Par	HBO	14	170	8.24%	13	366	3.55%	0.000
High-Track	Stud > Par	WO	201	461	43.6%	473	1601	29.54%	0.000

J.3 Regressions

Table J7: Mismatch by Student Expectation & Parental Education: Low-Track

	Low-Track			
	MBO	HBO		WO
	Stud <Par	Stud <Par	Stud >Par	Stud >Par
HE	0.7253***	−1.1130	−0.6297***	30.8893
	(0.2708)	(1.5536)	(0.2233)	(73.6241)
Age	0.0320	0.1883	0.2868	−1.7202
	(0.2400)	(1.2377)	(0.1923)	(24.1304)
Female	−0.6880**	4.5425*	−0.2254	−0.8990
	(0.2694)	(2.6603)	(0.2017)	(69.5598)
Exit-Score	−0.1240	0.8111	0.2981***	14.0522
	(0.1339)	(0.8516)	(0.1097)	(21.9583)
Self-Efficacy	0.1748	−0.5057	−0.4616***	−8.3522
	(0.1324)	(0.7100)	(0.1106)	(33.6244)
Income=2	−0.2238	0.1687	−0.2197	4.4869
	(0.4338)	(2.5473)	(0.3491)	(71.7904)
Income=3	−0.2064	0.3165	−0.2577	−7.6381
	(0.4600)	(2.7479)	(0.3517)	(25.4015)
Income=4	0.1954	1.1100	−0.4189	9.3145***
	(0.4791)	(2.8982)	(0.3791)	(0.0000)
Income=Missing	0.2273	−0.6028	−0.4556	12.4024***
	(0.3966)	(2.4970)	(0.3336)	(0.0000)
Mat_Emp=Part-Time	−1.4497***	−1.7633	0.7407**	−7.1607
	(0.3534)	(2.0479)	(0.3119)	(90.3736)
Mat_Emp=Full-Time	−0.5508*	−0.6787	0.4957	−26.0553
	(0.3289)	(1.9868)	(0.3255)	(33.5844)
Help-Homework	0.2009	−0.8797	0.0645	4.7968
	(0.1267)	(0.7337)	(0.0950)	(69.6481)
Talks about School	0.2347	1.6212	−0.2528**	16.9893
	(0.1745)	(0.9862)	(0.1139)	(55.8575)
Constant	−15.7492***	−23.3666	4.2225	−1.7867
	(3.6574)	(16.4094)	(2.9319)	(2.4037)
n	1117	663	663	64
School Dummies	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes

Significance levels: *p<0.1; **p<0.05; ***p<0.01

The analysis consists of running multinomial logistic regression models, in which the base category is set to the case of students and parents expecting the same level of further education.

Coefficient of interest is the whether, at least, one of the parents completed higher education (HBO & WO).

The different columns highlight the students' educational expectation and the mismatch outcome.

Table J8: Mismatch by Student Expectation & Parental Education: Medium-Track

	Medium-Track			
	MBO	HBO		WO
	Stud <Par	Stud <Par	Stud >Par	Stud >Par
HE	0.9592	0.1629	−0.4512***	−0.6120
	(0.7697)	(0.4887)	(0.1486)	(0.4517)
Age	−0.9064	0.5593	0.3119**	0.5616
	(0.7529)	(0.4113)	(0.1452)	(0.3782)
Female	−0.3168	0.4496	−0.3175**	0.4345
	(0.7437)	(0.4597)	(0.1412)	(0.3930)
Exit-Score	0.1855	−0.3341	−0.1323*	−0.2475
	(0.3504)	(0.2150)	(0.0696)	(0.2031)
Self-Efficacy	−0.3072	0.2265	−0.2340***	−0.2131
	(0.3208)	(0.2445)	(0.0735)	(0.2103)
Income=2	−0.8493	−1.5803*	0.2640	−0.0386
	(1.4941)	(0.8784)	(0.2529)	(0.7178)
Income=3	−0.2046	−0.5059	0.2022	0.5295
	(1.3600)	(0.6852)	(0.2587)	(0.7103)
Income=4	−0.7013	−0.4251	0.1654	−0.4737
	(1.4157)	(0.6740)	(0.2749)	(0.6753)
Income=Missing	−1.8933	−0.6225	0.2259	0.2665
	(1.3213)	(0.6791)	(0.2509)	(0.6550)
Mat_Emp=Part-Time	−0.6716	−0.3966	−0.0871	1.2373**
	(1.2551)	(0.6483)	(0.2251)	(0.5172)
Mat_Emp=Full-Time	−0.6845	−0.1494	−0.0734	1.4138***
	(1.4401)	(0.6835)	(0.2388)	(0.5320)
Help-Homework	−0.4003	−0.2218	0.1558**	−0.1600
	(0.3654)	(0.1981)	(0.0719)	(0.1631)
Talks about School	0.6564	1.0324***	−0.4335***	−0.7167***
	(0.5286)	(0.3222)	(0.0842)	(0.2649)
Constant	13.0341	−14.0524**	−5.0923**	−4.4095
	(11.1677)	(6.5512)	(2.2999)	(5.9983)
n	115	1829	1829	356
School Dummies	Yes	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes	Yes

Significance levels: *p<0.1; **p<0.05; ***p<0.01

The analysis consists of running multinomial logistic regression models, in which the base category is set to the case of students and parents expecting the same level of further education.

Coefficient of interest is the whether, at least, one of the parents completed higher education (HBO & WO).

The different columns highlight the students' educational expectation and the mismatch outcome.

Table J9: Mismatch by Student Expectation & Parental Education: High-Track

	High-Track		
	HBO		WO
	Stud <Par	Stud >Par	Stud >Par
HE	0.9661**	−0.4936	−0.4123***
	(0.4506)	(0.5278)	(0.1244)
Age	0.3307	−0.7629	0.0014
	(0.4168)	(0.6663)	(0.1265)
Female	−0.4305	−1.0218*	−0.4640***
	(0.3392)	(0.5537)	(0.1047)
Exit-Score	0.3027*	0.1404	−0.3049***
	(0.1734)	(0.2707)	(0.0528)
Self-Efficacy	−0.0174	−0.4290*	−0.3551***
	(0.1669)	(0.2330)	(0.0586)
Income=2	−0.1568	−0.4157	0.1624
	(0.6574)	(1.0558)	(0.2161)
Income=3	−0.1541	−0.8800	0.0826
	(0.6239)	(1.0969)	(0.2110)
Income=4	0.3189	−1.6556	−0.4722**
	(0.6376)	(1.2013)	(0.2094)
Income=Missing	−0.9968	−0.6487	−0.2019
	(0.7171)	(1.0573)	(0.2078)
Mat_Emp=Part-Time	−1.4830***	0.5941	0.4790***
	(0.4645)	(1.1533)	(0.1657)
Mat_Emp=Full-Time	−1.0406**	1.7146	0.2688
	(0.5063)	(1.2185)	(0.1774)
Help-Homework	−0.1595	−0.1851	0.1306**
	(0.1586)	(0.3107)	(0.0520)
Talks about School	0.2497	−0.7647**	−0.2551***
	(0.2168)	(0.3358)	(0.0601)
Constant	−7.5336	−40.4341***	0.5160
	(6.4880)	(7.5572)	(1.9785)
n	536	536	2062
School Dummies	Yes	Yes	Yes
Year Dummies	Yes	Yes	Yes

Significance levels: *p<0.1; **p<0.05; ***p<0.01

The analysis consists of running multinomial logistic regression models, in which the base category is set to the case of students and parents expecting the same level of further education.

Coefficient of interest is the whether, at least, one of the parents completed higher education (HBO & WO).

The different columns highlight the students' educational expectation and the mismatch outcome.