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Abstract

Hardly any study investigates the relationship between wage mobility, poverty, and inequality. Analyzing Turkish SILC data during 2006-2024, we find more wage mobility for longer time periods, particularly in the past three years. Wage mobility has largely been due to wage redistribution, rather than wage growth. Individual factors that are positively associated with higher-than-average wage mobility include working above the minimum wages, older age, having a formal job or being non-poor. Managers and professional workers or workers in large firms have most wage mobility, while workers in small to medium firms have lower-than-average to average wage mobility. Those working in the agricultural and industrial sectors have lowest wage mobility. Further regression analysis suggests that upward wage mobility and being able to maintain high wage over time are respectively associated with increases of at least 12% and 18% in poverty reduction.

JEL classification

I3, J3, J6, O1

Keywords

poverty, labor, wage, income, synthetic panels, Türkiye

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1. Introduction

Jobs, especially high-quality jobs, play an important role in development. Jobs provide higher earnings, reduces poverty, and helps build a better redistribution system by offering individuals from different social and education background opportunities to make productive contributions to society (World Bank, 2012 and 2019). Wage mobility—the degree to which individuals change their labor earnings over time—is a critical driver of these beneficial impacts since it can reduce wage inequality and provide incentives to improve worker productivity (Buchinsky and Hunt, 1999; Bénabou and Ok, 2001). A better understanding of wage mobility could provide useful inputs for more efficient policy interventions for labor and poverty and inequality reduction.

Türkiye offers a notable example where wage mobility could result in multiple economic benefits. While hourly wages have been steadily increasing, (labor income) inequality as measured by the Gini coefficient has been decreasing over the past two decades except for the past few years (Figure 1).[1] This result points to the beneficial impacts of rising hourly wages.

Our findings show more wage mobility for longer time periods and highest levels of wage mobility in the past three years. Wage mobility has been due to redistribution, rather than wage growth, although the relative contributions of the two components seem to have changed in the past several years. Individual factors that are positively associated with higher-than-average wage mobility include working above the minimum wages, older age, having a formal job, and higher education achievement. In particular, high-skill occupations have most wage mobility and low-skill occupations have least wage mobility. Managers and professional workers or workers in large firms have most wage mobility, while workers in small to medium firms have lower-than-average to average wage mobility. Those working in the agricultural and industrial sectors have lowest

[1] We focus on labor income in this study. We also offer some robustness checks with household total income, which provides similar results.

wage mobility. We also find that upward wage mobility or having high wages over time are associated with increases of at least 12% and 18% in poverty escapes.

We make several new contributions to the literature. First, we offer the first study that investigates the intricate and intertwined relationship of wage mobility with poverty and inequality. To our knowledge, the existing literature on wage mobility focuses mostly on the first aspect of inequality, and places little, if any, attention to both aspects of this multi-faceted relationship as we do. In particular, we decompose mobility into an economic growth component and a redistribution component. Since mobility can be driven by either component (or often a mix of the two), understanding the relative contribution of each component can provide more insights into policies that ensure sustainable growth and more equality. Finally, we examine the relationship of wage mobility and poverty mobility using a regression analysis framework.

Second, our findings have strong policy relevance for Turkiye, where hardly any study exists on wage mobility (with the exception of Tansel *et al.* (2019)). We analyze the Turkish SILC data that are more recent and cover the past two decades, which is a longer period than those analyzed in most other studies. Furthermore, we analyze both actual, shorter-term panel data and synthetic, longer-term panel data, which allow us to offer richer analysis of wage and poverty dynamics for time periods of varying lengths. These range from shorter-term periods of 3-year to 5-year periods to longer-term periods of 10 to 15 years. Analyzing this rich data setup, we also examine the profiles of wage mobility for different population groups. Our study could offer useful results for other growing economies that aim to make the most use of employment policies to achieve the twin goals of reducing poverty and inequality.

Our study is most closely related to Tansel *et al.* (2019), who study wage mobility and inequality for Türkiye using SILC data over the period 2005–2011. This paper finds that while

wage mobility has an equalizing impact on wage distribution, this impact is not substantial enough to overcome the high and persistent wage inequality in Türkiye. Analyzing Turkish labor force surveys (LFS), Bakis and Polat (2023) also finds significant declines in wage inequality during 2002-2019, which can be due to a combination of minimum wage hikes (in 2004 and 2016), a stable aggregate demand curve, and relative stagnation of post-secondary graduate wages. On the other hand, in a recent study on the European Union countries (but without Turkiye), Bachmann *et al.* (2016) find that wage mobility reduces wage inequality.[2]

This paper consists of five sections. We describe the data in the next section. We present the analytical framework in Section 3, including different mobility concepts (Section 3.1) and the regression models linking wage mobility and poverty mobility (Section 3.2). We discuss the estimation results for wage mobility in Section 4, including its evolution over different time periods, a decomposition into a growth component and a redistribution component, and profiling by major population groups (Section 4.1) and its relationship with poverty (Section 4.2). We finally conclude in Section 5. Appendix A presents additional estimation results and descriptive statistics and Appendix B provides further details on the synthetic panel method.

2. Data description

We analyze the Turkish component of the European Union Statistics on Income and Living Conditions (EU-SILC), collected and disseminated by the Turkish Statistical Institute (TurkStat). TurkStat's Income and Living Conditions Survey (SILC) collects nationally representative microdata on household and individual living conditions, with detailed information on income, wages, employment status, occupation, and other socio-economic characteristics. The survey

[2] Earlier studies focus on wage mobility and inequality in richer countries such as the U.S. (Buchinsky and Hunt, 1999; Kopczuk *et al.*, 2010). See Jantti and Jenkins (2015) for a general review on income mobility studies.

provides harmonized measures of labor earnings, total disposable income, and income components, allowing consistent analysis of income dynamics over time.

TurkStat SILC is based on a stratified, two-stage clustered sampling design, with households as the final sampling units.[3] However, identifiers for primary sampling units are not released in the public-use microdata. While the regional stratification structure is available in the microdata4, it changes over time. For the 2006–2013 waves, stratification is defined at the level of 12 major statistical regions, while for the 2014–2024 waves it is defined at the level of 26 statistical regions.

Both the cross-sectional and longitudinal components of the survey are used. All analyses are conducted at the individual level and rely on the official survey weights provided in the microdata. The cross-sectional component covers the period 2006–2024. The number of individuals with valid household and personal identifiers ranges from approximately 43,000 in the mid-2000s to about 80,000–88,000 in recent waves, increasing up to 2021 and stabilizing after 2021.

The longitudinal component of SILC follows individuals over multiple consecutive years under a rotational panel design, in which each annual panel wave spans four consecutive survey years (TurkStat, 2021). In each wave, individuals are observed for up to four years, with one-quarter of the sample being refreshed annually and one-quarter rotating out, ensuring both cross-sectional representativeness and continuity over time. Panel waves are identified by the final year of observation. For example, the 2009 panel includes individuals observed in 2006–2009, while the 2010 panel follows individuals over 2007–2010. The number of observations increases within

[3] The sampling frame is constructed from the Address-Based Population Registration System and the National Address Database. At the first stage, primary sampling units (PSUs) consist of geographic blocks comprising approximately 80–120 dwelling addresses, which are selected with probability proportional to size. At the second stage, household addresses are selected systematically within each sampled block, with 10 addresses sampled in urban areas and 8 addresses in rural areas (TurkStat, 2021).

[4] Regional stratification follows the NUTS (Nomenclature of Territorial Units for Statistics) classification. Until 2014, TurkStat applied an explicit urban–rural classification in the sampling design, combined with regional stratification at the NUTS1 level. Starting in 2014, the urban–rural indicator was removed from the released microdata, and the survey design was revised to ensure national representativeness at the NUTS2 level (TurkStat, 2021).

each wave as individuals accumulate over successive years, reaching its maximum in the fourth year of the panel. In the final year of each panel, the number of observed individuals ranges from approximately 36,000 in earlier waves to about 63,000–69,000 in more recent waves. As in all longitudinal household surveys, the panel component of SILC is subject to attrition, as some individuals drop out of the sample over successive years. For example, within a 2021–2024 four-year panel, the proportion of individuals remaining in the sample is 88.4% (equals to an attrition rate of about 12%). Attrition is addressed using longitudinal weights, which are constructed to maintain representativeness of the target population for each panel duration.

Table A1 (Appendix A) compares our estimates of the Gini coefficients, which are identical to those published by TurkStat, except for 2022. Table A2 shows the share of households and individuals with positive hourly wages, both of which indicate steadily increasing trends leading to 65.4% and 90.3% of households and individuals having positive wages in 2024. Table A3 compares the distributions of the key variables in the cross sectional and panel data components such as age groups, gender, household size, number of worked hours, and hourly wages. The differences between the two data sources are, however, mostly statistically significantly different. Figures A1 and A2 (Appendix A) show the age distributions of employees and individuals with positive wages.

Our key variable of interest is wage mobility, which is measured using hourly wages constructed from the TurkStat SILC microdata. Hourly wage is defined as total annual labor income from the main job divided by total annual hours worked in that job. Annual hours are derived from information on the number of months spent in the main job during the reference year and the usual number of hours worked per week. The analysis is restricted to regular and casual employees in the main job employed either full-time or part-time during the reference year.

Employers and self-employed individuals are excluded because their reported labor income may include business losses, which can result in negative hourly wage values. To reduce the influence of outliers, hourly wages are trimmed at 0.25th and 99.75th percentiles of the annual wage distribution in each reference year, and only individuals with positive hourly wages are retained. All wage measures are deflated using the consumer price index, with prices expressed in constant 2018 terms.

Wage mobility is defined relative to a threshold that is equal to 60 percent of the median hourly wage. For each year, the median hourly wage is calculated from the cross-sectional distribution of hourly wages, and individuals are classified as low-wage or non-low-wage depending on whether their hourly wage falls below or above 60 percent of the median. To avoid potential biases arising from panel attrition, the 60-percent-of-median hourly wage threshold is defined using the cross-sectional wage distribution in the final year of the transition period, which is nationally representative by construction. These fixed thresholds are then applied to the corresponding panel observations in both the initial year and the final year in order to measure wage mobility over the panel period. For example, wage mobility during 2018-2021 is evaluated using thresholds derived from the 2021 cross-sectional wage distribution; wage mobility during 2021–2024 are similarly based on the thresholds derived from the 2024 cross-sectional wage distributions. By anchoring thresholds to the full cross-sectional sample, wage mobility is measured against a fixed, nationally representative benchmark, rather than one that changes with the panel sample.

3. Analytical framework

3.1. Mobility concepts

For better interpretation, we consider wage or (labor) income mobility over two adjacent years (survey rounds). We consider three categories that an individual's wage can belong to at any point

in time. That is, with $w_{i,t}$ representing individual *i*'s wage, for *i*= 1,…, N, and $\widetilde{w}_t$ representing the 60% of the median of the wage distribution in year *t*, for *t*= 1, 2, the individual can fall into each of the following categories

$$wage\ status_{i,t} = \begin{cases} low\ if\ w_{i,t} \leq 0.6\widetilde{w}_t \\ high\ if\ w_{i,t} > 0.6\widetilde{w}_t \end{cases} \quad (1)$$

We can define four wage-mobility categories for year *t* in comparison with year *t-1* as follows

$$\Delta w_{it} = \begin{cases} chronic\ low\ wage\ if\ w_{i,t} \leq 0.6\widetilde{w}_t\ in\ both\ periods \\ downward\ if\ wage\ status_{it} < wage\ status_{i,t-1} \\ upward\ if\ wage\ status_{it} > wage\ status_{i,t-1} \\ high\ wage\ if\ w_{i,t} > 0.6\widetilde{w}_t\ in\ both\ periods \end{cases} \quad (2)$$

These statuses can also be expressed in terms of probabilities. For example, we employ the following equations to measure upward wage mobility

$$P(w_{i,1} \leq 0.6\widetilde{w}_1\ and\ w_{i,2} > 0.6\widetilde{w}_2) = 1 \quad (3)$$

and

$$\frac{P(w_{i,1} \leq 0.6\widetilde{w}_1\ and\ w_{i,2} > 0.6\widetilde{w}_2)}{P(w_{i,1} \leq 0.6\widetilde{w}_1)} = 1 \quad (4)$$

Equation (3) and Equation (4) are respectively the unconditional and conditional upward wage mobility (depending on wage status in the first year). Poverty is also defined in a similar manner with four poverty statuses (chronic poverty, downward poverty mobility, upward poverty mobility, and never-in-poverty), but per-capita disposable household income ($y_{i,t}$) and the median household income ($\tilde{y}_t$) are used instead of wages in the preceding equations.[5]

We analyze wage and poverty mobility in the short term (up to three years) using the actual panel data from the SILC surveys. For longer-term analysis, we offer analysis using the synthetic panels, which are constructed using the methods proposed in Dang *et al.* (2014) and Dang and

[5] See Dang and Lanjouw (2023) for further discussion on poverty dynamic transitions.

Lanjouw (2023). We offer more details on the synthetic panel method and some tentative comparison between the synthetic panels and the actual panels for Turkiye in Appendix B.

Using the Fields-Ok (1999) mobility index (M^F), we can further decompose income mobility for the whole population into two components: one due to income growth and the other due to income transfer as follows:

$$M^F = \frac{1}{N}\sum_{i=1}^{N}(y_{i,t} - y_{i,t-1}) + \frac{2}{N}\sum_{i\in K}(y_{i,t-1} - y_{i,t}) \quad (5)$$

The first component on the right-hand side of Equation (5) is the growth component, and the second component the redistribution component, where *K* is defined only for the cases where individual *i* has less income in year *t* than in year *t-1*.

Finally, we estimate Shorrocks' (1978) mobility index (M^S), which presents a tightly-knit relationship between short-term inequality, long-term inequality, and mobility. This index is defined as follows

$$M^S = 1 - \frac{F(\bar{y})}{\sum_{t=1}^{K} F(y_t)/K} \quad (6)$$

where *F(.)* is an inequality function such as the Gini index (or the variance of log income), and $\bar{y}$ is the averaged income over K years. The Shorrocks mobility index suggests that more inequality in the longer term (i.e., a larger value for $F(\bar{y})$) implies less mobility, while more inequality in the shorter term (i.e., a larger value for $\sum_{t=1}^{K} F(y_t)/K$) generates the opposite result. Thus, M^S is 0 when individuals' income remains unchanged over time, or their averaged income over the whole period has the same inequality as the averaged inequality over each year in the period. M^S equals 1 when individuals' income greatly fluctuates across periods, such that on average their averaged

income over the whole period is much more equally distributed than their income in each period. Put differently, mobility can help reduce inequality in the long term.[6]

3.2. Regression analysis

For easier interpretation, we examine the relationship between wage mobility and poverty mobility by estimating the following linear regression with individual random effects

$$\Delta p_{it} = \beta_l' \Delta w_{i,t} + \theta_l' X_{i,t-1} + \pi_i + \tau_t + \omega_t + \varepsilon_{i,t} \quad (7)$$

In this equation, wage mobility Δw_{it} has four different values 1, 2, 3, and 4, which correspond to chronic low wage, downward (wage) mobility, upward mobility, and high wage (as defined earlier with Equations (1) to (4)). We leave out downward mobility as the reference value. Poverty mobility (Δp_{it}) has similar values: chronic poverty, downward (poverty) mobility, upward mobility, and never-in-poverty. The coefficient of interest β_l can be interpreted as the change in individual *i*'s income that is associated with a certain wage mobility category.

The $X_{i,t-1}$ variables include individual *i*'s characteristics such as age groups, gender, education, marital status, workplace characteristics (including industry, occupation and type of contract) and household size. We fix the values of these characteristics in the previous year to reduce possible contemporaneous issues between them and the outcomes in the current year. The individual random effects η_i help control for unobserved individual characteristics (e.g., innate ability). We also include the year fixed effects (τ_t) and panel wave fixed effects (ω_t) to control for the unobservables occurring in the same year or panel wave.

Since we have actual SILC panel data over two years and four years, we take advantage of the year-to-year transitions as well as transitions over three years and estimate Equation (7) for both

[6] See also Jantti and Jenkins (2015) for a recent review of income mobility concepts.

types of panels for richer analysis (i.e, using the two-year panels with *t* and *t-1* and the four-year panels with *t* and *t-3*). But given the attrition issues with panel data over longer periods, our preferred model for interpretation is the two-year panels with *t* and *t-1*.

Since Δp_{it} is a discrete variable with three values, we also estimate Equation (7) using an ordered logit model with individual random effects for robustness checks. Alternatively, for another robustness check we also estimate the following equation

$$P(non-poor_{it}) = \delta_l' w_{i,t} + \gamma_l' X_{i,t} + \pi_i + \tau_t + \omega_t + \epsilon_{i,t} \qquad (8)$$

There are several differences between Equation (7) and Equation (8). Unlike the poverty mobility outcome variable in Equation (7), the outcome variable in Equation (8) is a dummy variable indicating whether the individual is non-poor or not. We do not explicitly write out the (variables indicating) changes in wage categories as in Equation (7)—our preferred equation for result interpretation. We analyze all the panel data instead of just two data points at the beginning and the end of the panels as with Equation (7). We also consider the $X_{i,t}$ variables in the contemporaneous form in Equation (8) rather than in the lagged form.

Finally, we also estimate a version of Equation (7) where the outcome variable is income mobility (which is defined similarly to wage mobility) instead of poverty mobility.

4. Estimation results

4.1. Wage mobility

Overall wage mobility

Figure 2 suggests two interesting findings. First, there is more wage mobility for longer time periods. Wage mobility for the 15-year periods (orange line) is mostly higher that for 10-year periods (green line), which is in turn higher than that for 5-year periods (brown line). Wage mobility for 3-year periods (blue line) is lowest. On average, the wage mobility rates are 77.2%,

71.3%, 60.1%, and 57.2% respectively for the 15-year periods, 10-year periods, 5-year periods, and 3-year periods. Second, wage mobility seems to achieve highest levels in the past three years 2022 to 2024 after reaching a remarkable low in 2021. This low level of wage mobility could be caused by the COVID-19 pandemic's adverse effects on low-wage and vulnerable workers in Turkiye (Bayar *et al.*, 2023; Aygun *et al.*, 2024).[7]

Decomposing wage mobility

Table 1 shows that wage mobility is mostly due to redistribution, rather wage growth for Turkiye (see Appendix A, Table A4 for the full results for all 3-year panels). This result holds for both household total income (Panel A) and labor income (Panel B), so we focus on the latter for subsequent analysis. The Fields-Ok mobility index has been steadily decreasing for the country—decreasing from 0.30 (during 2006-09) to 0.25 (during 2020-23). Yet, over the most of the period (2006-2024), except 2012-2015, the redistribution component is much larger than the growth component, with the former component ranging between 0.52 to 0.80 and the latter component ranging between 0.22 and 0.48. Notably, the Fields-Ok mobility index sharply increased to 0.41 in the most recent period (during 2021-24), in which the growth component became strongest (0.87) and the redistribution component became weakest (0.13) compared to the whole period. Figure 3 offers a visual illustration of the results shown in Table 1, with the blue bar and green bar respectively representing the growth and redistribution components.

Showing the Shorrocks mobility index results, Table 2 further confirms the results discussed above (see Appendix A, Table A5 for the full results for all 3-year panels). Again, results are

[7] Various other studies obtain a similar finding that disadvantaged workers were more affected during the pandemic in both richer and poorer countries such as Germany, the U.K., the U.S., and Vietnam (Cajner *et al.*, 2020; Adams-Prassl *et al*., 2020; Dang *et al.*, 2023).

qualitatively similar for both household total income (Panel A) and labor income (Panel B), so we focus on the latter for subsequent analysis. Overall, there is more shorter-term inequality (over one-year periods) than longer-term inequality (over three-year periods). While the Shorrocks mobility index has been steadily decreasing for most of the period—whether we employ the Gini index measure or the variance of log of income—it increased in the most recent two periods 2020-23 and 2021-24. These results appear consistent with the increases in both wage mobility (Figure 2) and the Fields-Ok Mobility index (Table 1 and Figure 3) discussed above.

Profiles of wage mobility

We further examine individual characteristics associated with upward wage mobility for three time periods, 2021-24, 2019-24, and 2014-24, and plot the results in Figures 4 and 5. These figures show that factors that are positively associated with higher-than-average wage mobility in the 2021-24 period include (with the estimated probabilities in parentheses and the average upward wage mobility rate of 72%): having (some) college education (83%), working around or above the minimum wages (74% and 84%), older age (age 25-55) (77%), and having a formal job or a permanent contract or working as a regular employee (74 and 73%).[8] On the other hand, factors that are positively associated with lower-than-average wage mobility are the opposite and include having an informal job (61%), younger age (age 15-24) (65%), having a part-time job (68%), and working below the minimum wages (69%). Notably, wage mobility increases with more education in the following order: having less than primary education (45%), primary and secondary

[8] We define working below the minimum wage as having labor income below 70% of the minimum wage, working around the minimum wage as having labor income between 70%-130% of the minimum wage. The remaining category is working above the minimum wage (130% or higher). This definition is motivated by the country's recent increase to the minimum wage of 27% (Turkiye Today, 2025). The results are similar if we use a bandwidth of 80%-120% around the minimum wage (Appendix A, Figure A3).

education (61%), high-school education (68%), vocational/ technical education (70%), and (some) college education (83%).

Our findings for the strong beneficial impacts of (working above and around) the minimum wages appear to be consistent with those in recent findings for Turkey on wage growth (Işık *et al.*, 2020) and reducing income disparities (Bakis and Polat, 2023; Sefil-Tansever and Yılmaz, 2024).[9] Notably, while these probabilities become larger for the two other longer periods—which further supports the finding of more mobility over longer time periods as discussed earlier—they generally appear to be mostly qualitatively consistent.

Turning next to the work sectors, Figure 6 shows that while high-skill occupations have most wage mobility (83% to 88%, depending on the period), low-skill occupations have least wage mobility (66% to 75%). Perhaps unsurprisingly, workers in the service sectors (including trade, transport and hospitality) have average wage mobility (74% to 82%).

Interestingly, Figure 7 shows that while workers in large firms have the most wage mobility, workers in small and medium firms have lower-than-average to average wage mobility in 2015-2020, workers in micro firms have the least wage mobility. We provide the full estimation results for Figures 4 to 6 in Appendix A, Table A6.

4.2. Relationship with poverty mobility

We further examine the relationship between wage mobility and poverty mobility. Analyzing all the panel data for the whole period 2006-24 together, Table 3 shows that compared to chronic low wage, upward wage mobility and high wages in both periods have a positive and strongly statistically significant relationship with poverty mobility. These results hold both for the estimates

[9] A recent review finds that higher minimum wages tend to reduce wage inequality in the bottom half of the wage distribution (Dube and Lindner, 2024).

using the annual panels (Panel A, our preferred model for interpretation) and the 3-year panels (Panel B). On the other hand, downward wage mobility shows a mixed relationship with poverty mobility: while this relationship is positive for the annual panels, it is negative for the 3-year panels.

In particular, upward wage mobility is associated with a 0.788 increase in upward poverty mobility (or poverty reduction) while having high wage in both periods is associated with a 1.099 increase in upward poverty mobility. Given the average poverty mobility rate of 3.800 (on a scale of 1, 2, 3 and 4), these respectively correspond to increases of 21% (= 0.788 /3.800 *100) and 29% in upward poverty mobility (Panel A). While the estimates are lower using the 3-year panels, they are qualitatively similar: upward wage mobility and wage immobility are associated with increase of 0.063 and 0.174 in upward poverty mobility, which equals 1.7% and 4.3% increases (Panel B).

Instead of pooling the data over the whole period 2006-24, we also analyze each shorter 4-year panel wave. Figure 8 (and Table A10 in Appendix A) provides qualitatively similar results, where annual upward wage mobility is positively and strongly statistically associated with a higher chance of households escaping poverty for all the panel waves. The magnitudes of this association hover around 0.473 on average, which corresponds to 12.5% increases. The corresponding number for having high wages in both periods is around 0.677, which corresponds to 17.8% increases (Figure 9).

We implement several robustness checks and show the results in Appendix A. First, employing an alternative model, the ordered logit model with individual random effects, provides qualitatively similar results (Table A7 in Appendix A). Second, estimating an alternative model shown in Equation (8) reassuringly confirms the positive and strongly statistically significant relationship between upward wage mobility and poverty escapes (Table A8). Finally, the estimated

association between wage mobility and income mobility is also positive and strongly statistically significant (Table A9 and Figure A4 in Appendix A).

5. Conclusion

We offer the first study that analyzes the relationship of wage mobility with poverty and inequality, using Turkish SILC data covering 2006-24. Combining both actual panel data and synthetic panel data for richer analysis, we find more wage mobility for longer time periods and highest levels of wage mobility in the past three years.

Regarding inequality, wage mobility has been due to redistribution, rather than wage growth, although the relative contributions of the two components seem to have changed in the past several years. Individual factors that are positively associated with higher-than-average wage mobility include working above the minimum wages, having (some) college education, older age, having a formal job, and working in high-skill occupations. Managers and professional workers or workers in large firms have most wage mobility, while workers in micro to small firms have lower-than-average to average wage mobility. Those working in the agricultural and industrial sectors have lowest wage mobility.

Regarding poverty, analyzing 4-year panel waves separately, we find that upward wage mobility or having high wage over time is associated with average increases of 12% and 18% in poverty escapes. Pooling all the panel waves together, the corresponding estimates could increase to 21% and 29% respectively.

Our findings offer relevant inputs for policy for Turkey. Our analytical framework could also be relevant to similar contexts, particularly in poorer countries, where long-run panel data are unavailable.

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Table 1. Hourly Labor Income Mobility over Three-Year Periods: Fields–Ok Mobility Index and Decomposition

Period	Total	Decomposition (%)	
		Growth	Redistribution
Panel A: Household total income per capita			
2006–2009	0.40	17	83
2009–2012	0.34	4	96
2012–2015	0.36	29	71
2015–2018	0.37	32	68
2018–2021	0.34	12	88
2021–2024	0.52	82	18
Panel B: Hourly wage			
2006–2009	0.30	27	73
2009–2012	0.25	20	80
2012–2015	0.25	53	47
2015–2018	0.24	48	52
2018–2021	0.21	22	78
2021–2024	0.41	87	13

Notes: This table reports the Fields–Ok mobility index for hourly labor income over rolling three-year periods between 2006 and 2024, along with its decomposition into growth and redistribution components. The Fields–Ok index measures the extent of income mobility by quantifying changes in individuals' relative income positions over time; higher values indicate greater mobility. The decomposition separates mobility attributable to growth from mobility driven by redistribution across individuals. Hourly labor income is defined as total annual labor income from the main job divided by total annual hours worked, where annual hours are derived from months spent in the main job and usual weekly working hours. The sample is restricted to employees working full-time or part-time in the main job, and individuals with non-positive hourly labor income are excluded. To reduce the influence of outliers, hourly labor income is trimmed at the top and bottom 0.25 percent of the distribution in each year by setting extreme values to missing. Hourly labor income refers to the 12 months preceding the survey year and is expressed in real terms. All income variables are deflated using the official CPI published by TurkStat and are rebased to 2018. The analysis uses longitudinal sampling weights provided in the SILC to ensure national representativeness.

Table 2. Hourly Labor Income Mobility and Inequality over Three-Year Periods: Shorrocks Mobility Index

Period	Gini Index			Variance of Log Income			No. of individuals (balanced panel)
	M^s	Short-term inequality	Long-term inequality	M^s	Short-term inequality	Long-term inequality	
Panel A: Household total income per capita							
2006–2009	0.05	0.46	0.44	0.14	0.70	0.60	9077
2009–2012	0.04	0.45	0.43	0.13	0.70	0.61	10337
2012–2015	0.05	0.43	0.41	0.14	0.66	0.57	17742
2015–2018	0.05	0.43	0.41	0.14	0.60	0.52	16467
2018–2021	0.05	0.44	0.42	0.14	0.64	0.55	19885
2021–2024	0.05	0.44	0.42	0.15	0.64	0.54	17833
Panel B: Hourly wage							
2006–2009	0.04	0.36	0.34	0.11	0.43	0.38	747
2009–2012	0.03	0.36	0.35	0.10	0.45	0.40	872
2012–2015	0.02	0.36	0.36	0.06	0.46	0.43	1777
2015–2018	0.03	0.35	0.35	0.07	0.41	0.38	2010
2018–2021	0.03	0.33	0.32	0.06	0.37	0.35	2403
2021–2024	0.05	0.32	0.30	0.09	0.35	0.32	2455

Notes: This table reports the Shorrocks mobility index for hourly labor income over rolling three-year periods between 2006 and 2024, computed using both the Gini coefficient and the variance of log income as inequality measures. The Shorrocks index summarizes the extent to which short-term income inequality is offset by income mobility over time; higher values indicate greater mobility and a larger reduction in long-term inequality relative to short-term inequality. Short-term inequality is measured using hourly labor income observed in a single year, while long-term inequality is measured using average hourly labor income over the corresponding three-year period. Hourly labor income is defined as total annual labor income from the main job divided by total annual hours worked, where annual hours are derived from months spent in the main job and usual weekly working hours. The sample is restricted to employees working full-time or part-time in the main job, and individuals with non-positive hourly labor income are excluded. To reduce the influence of outliers, hourly labor income is trimmed at the top and bottom 0.25 percent of the distribution in each year by setting extreme values to missing. Hourly labor income refers to the 12 months preceding the survey year and is deflated for the corresponding income reference period. Deflators are constructed using the official CPI published by TurkStat and are rebased to 2018. The analysis uses balanced panel samples for each three-year period, and the number of individuals included in each panel is reported in the final column. Longitudinal sampling weights are applied to ensure national representativeness.

Table 3. Relationship between Hourly Labor Income Mobility and Poverty Mobility, Linear Random-Effects Model, 2006–2024

	Year-to-year		Over three years	
	coef	se	coef	se
	(1)	(2)	(3)	(4)
Downward wage mobility	0.673***	*0.007*	-0.070***	*0.020*
Upward wage mobility	0.788***	*0.006*	0.063***	*0.015*
High wages in both periods	1.099***	*0.005*	0.174***	*0.013*
Control variables				
Age groups (reference: 40-45)				
Age 15-19	0.228***	*0.013*	0.062***	*0.023*
Age 20-24	0.042***	*0.008*	-0.024*	*0.014*
Age 25-29	-0.026***	*0.006*	-0.069***	*0.010*
Age 30-34	-0.043***	*0.006*	-0.072***	*0.009*
Age 35-39	-0.027***	*0.005*	-0.038***	*0.009*
Age 45-49	0.057***	*0.005*	0.053***	*0.010*
Age 50-54	0.102***	*0.007*	0.107***	*0.013*
Age 55-59	0.174***	*0.010*	0.114***	*0.017*
Age 60-64	0.235***	*0.015*	0.209***	*0.030*
Age 60+	0.382***	*0.023*	0.239***	*0.044*
Female	0.155***	*0.005*	0.108***	*0.006*
Household size	-0.088***	*0.001*	-0.078***	*0.002*
Education (reference: illiterate)				
Literate but not a graduate	-0.055**	*0.022*	0.068**	*0.034*
Primary school	0.108***	*0.018*	0.209***	*0.028*
Secondary/vocatinal secondary school	0.134***	*0.019*	0.256***	*0.029*
High school	0.098***	*0.019*	0.274***	*0.029*
Vocational/technical high school	0.123***	*0.019*	0.318***	*0.029*
College +	0.082***	*0.019*	0.344***	*0.029*
Marital status (reference: single)				
Married	-0.033***	*0.004*	-0.067***	*0.008*
Separated/divorced/widowed	-0.030***	*0.009*	-0.086***	*0.015*
Occupation(reference: low-skill occupations)				
High-skill occupations	0.046***	*0.007*	0.055***	*0.010*
Medium-skill occupations	0.085***	*0.005*	0.045***	*0.008*
Contract type				
Permanent contract	0.122***	*0.009*	0.168***	*0.016*
Formal job	-0.153***	*0.007*	0.077***	*0.012*
Regular employee	0.140***	*0.012*	0.015	*0.021*
Industry (reference: agriculture)				
Industry	0.014	*0.013*	0.087***	*0.021*
Services	0.052***	*0.013*	0.092***	*0.021*
Constant	2.729***	*0.027*	3.355***	*0.040*
N	217,698		28,402	
R^2-statistic	*0.218*		*0.190*	
chi2	73,198		6,662	
sigma_u	*0.451*		*0.343*	
sigma_e	*0.347*		*0.291*	
Rho	*0.629*		*0.582*	
Mean of dependent variable	3.800		3.817	

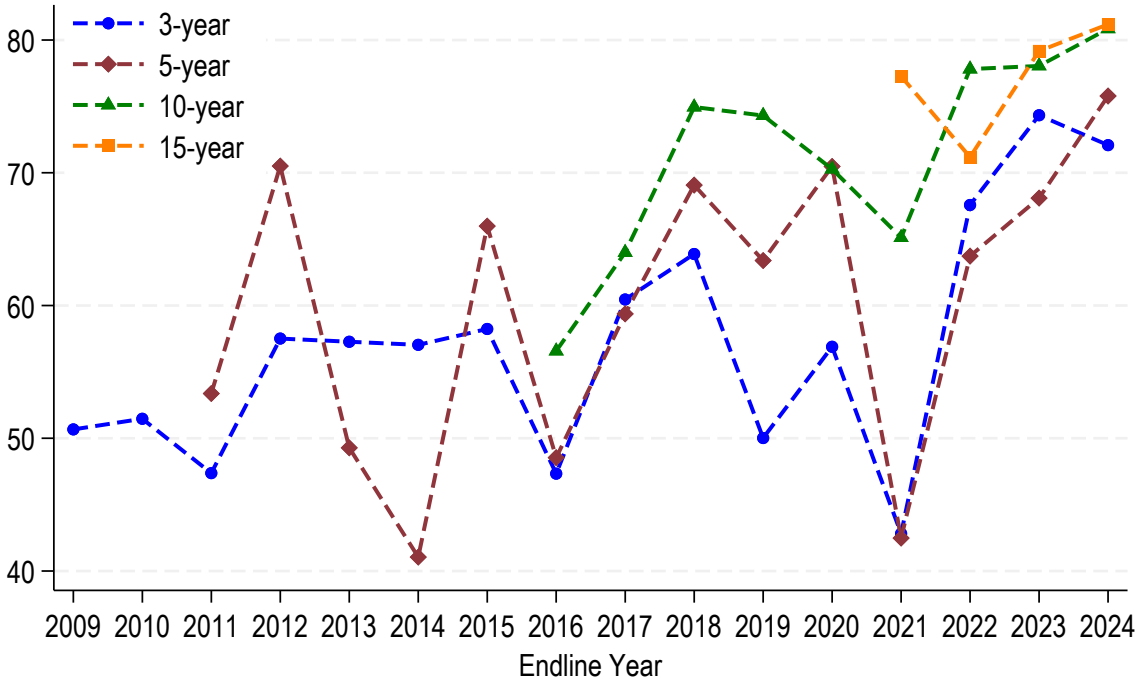
Notes: This table reports estimates from linear regression models with individual random effects examining the relationship between hourly labor income mobility and poverty mobility over the period 2006–2024. Columns (1) and (2) report estimates based on year-to-year transitions, while Columns (3) and (4) report estimates based on three-year transitions. The dependent variable is an indicator of poverty mobility, defined as movements into or out of poverty between periods. Hourly labor income mobility is measured relative to the 60 percent of median hourly labor income threshold, and poverty status is defined at the household level using per capita disposable income relative to 60 percent of the median in the baseline period. Hourly labor income is defined as total annual labor income from the main job divided by total annual hours worked, where annual hours are derived from months spent in the main job and usual weekly working hours. The sample is restricted to employees working full-time or part-time in the main job, and individuals with non-positive hourly labor income are excluded. To reduce the influence of outliers, hourly labor income is trimmed at the top and bottom 0.25 percent of the distribution in each year by setting extreme values to missing. Hourly labor income refers to the 12 months preceding the survey year and is deflated for the corresponding income reference period. Deflators are constructed using the official CPI and are rebased to 2018. All regressions include year fixed effects and panel-wave fixed effects. Observations from all relevant panel waves and transition periods are pooled for estimation. Statistical significance is denoted as *** $p < 0.01$, ** $p < 0.05$, and * $p < 0.10$.

Figure 1. Trends in Hourly Labor Income and Inequality in Türkiye, 2006–2024



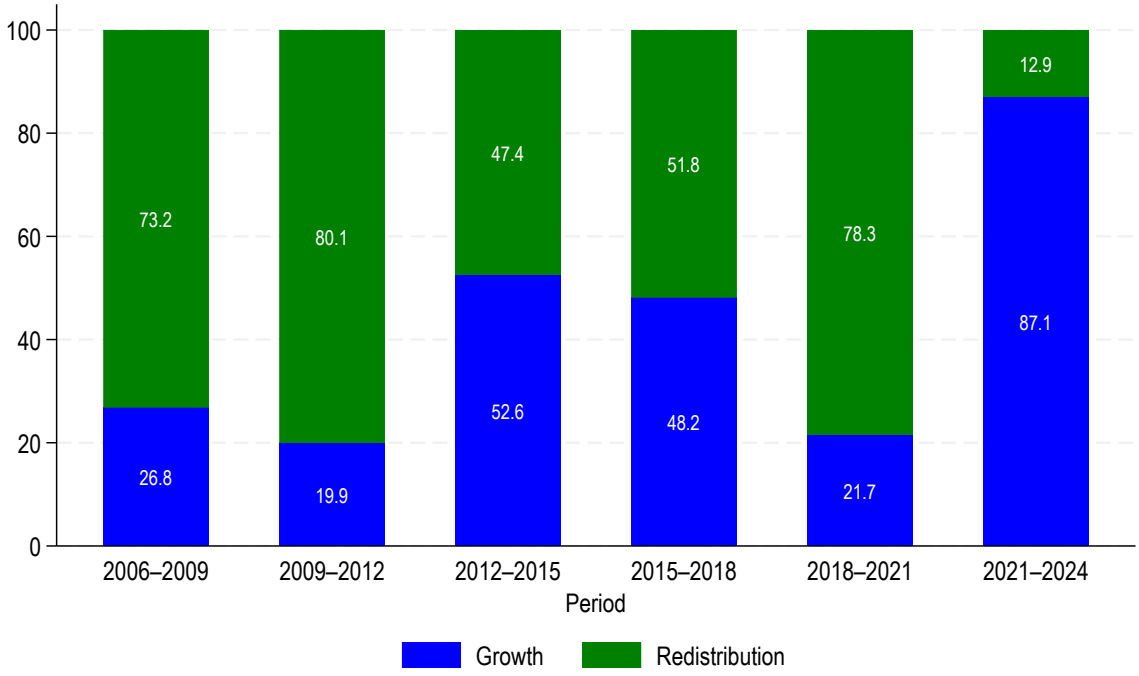
Notes: This figure shows trends in hourly labor income and hourly labor income inequality in Türkiye over the period 2006–2024, measured by the log of hourly labor income and the Gini coefficient, respectively. Population sampling weights are applied. Hourly labor income is defined as total annual labor income from the main job divided by total annual hours worked, where annual hours are derived from months spent in the main job and usual weekly working hours. Labor income refers to the 12 months preceding the survey year and is deflated for the corresponding income reference period. Deflators are constructed using the official CPI published by TurkStat and are rebased to 2018. The sample is restricted to employees working full-time or part-time in the main job. Individuals with non-positive hourly labor income are excluded. To reduce the influence of outliers, hourly labor income is trimmed at the top and bottom 0.25 percent of the distribution in each year by setting extreme values to missing. The log of hourly labor income is calculated as log(hourly labor income + 1) to avoid negative log values for small values. Year on the x-axis refers to the survey year.

Figure 2. Wage mobility over different time periods



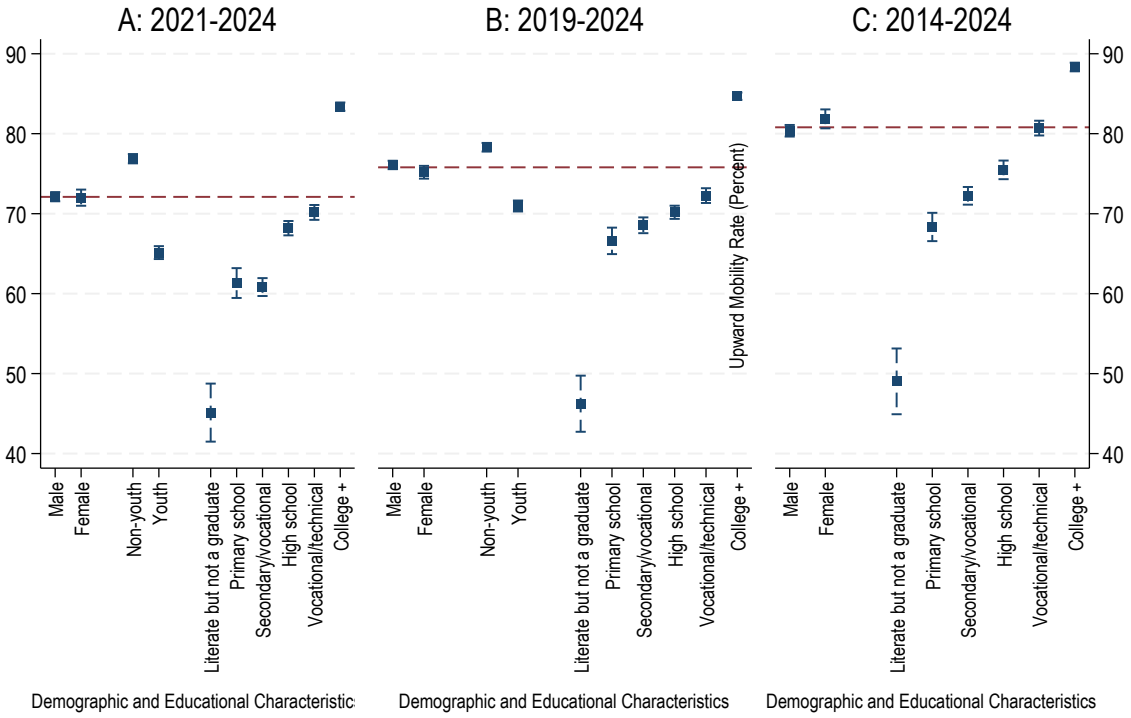
Note: The figure is based on a synthetic panel analysis. Labor income refers to the 12 months preceding the survey year and is deflated for the corresponding income reference. Deflators are constructed from the official CPI published by the Turkish Statistical Institute (TurkStat) and are rebased to 2018. The sample is restricted to employee wages, with the top and bottom 0.25% of the distribution in each year trimmed by setting extreme values to missing. Log of hourly wage calculated as log(wage + 1) to avoid negative log values for small wages. Upward mobility is defined as moving from below 60% of median hourly wage (of employees in that year) to above it in the next period. Conditional estimates of wage mobility are based on the second year. Wage thresholds are anchored to the endline year for each panel. In each baseline year, the sample is restricted to individuals aged 15–55, and this restriction is adjusted accordingly in the later years so that the same cohort is tracked in the final year. Upward mobility is shown by endline year on the x-axis, with separate lines for 3-, 5-, and 10-, 15- and 18-year gaps between baselines and endlines years. Year on X-axis refers to the survey year. The upward mobility rate over the 18-year period (2006-2024) is 81.9%.

Figure 3. Fields-Ok mobility index: Decomposition by growth and redistribution



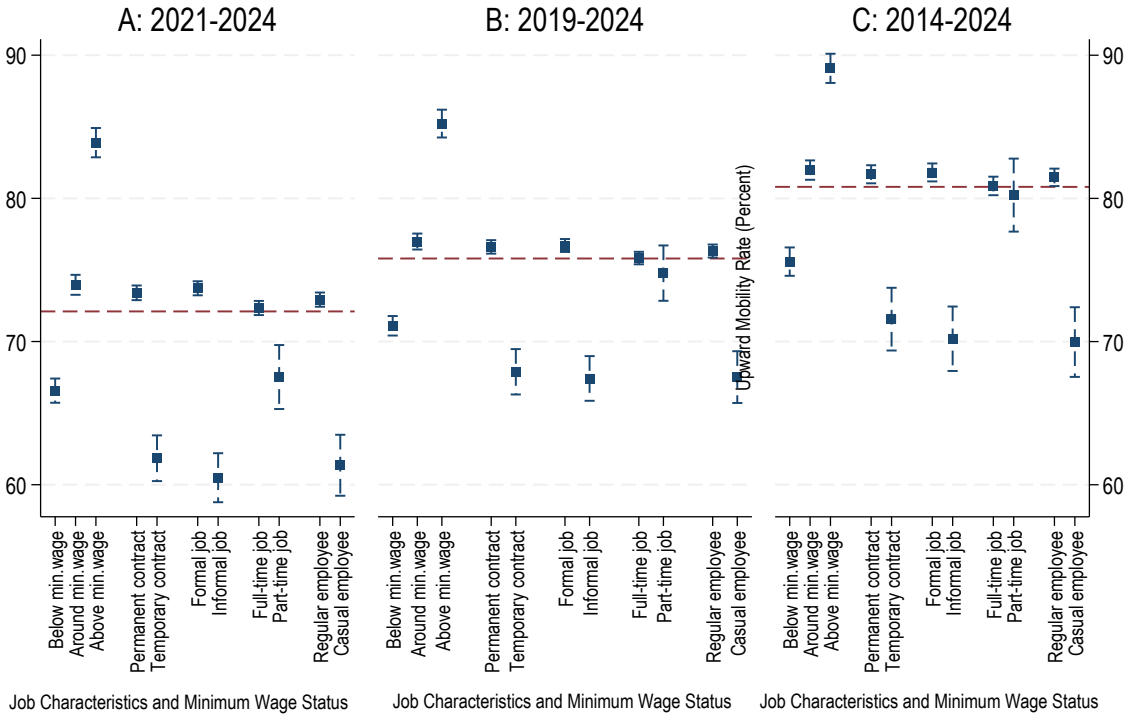
Note: The figure shows the Fields–Ok Mobility Index decomposed into growth and redistribution components for each year, based on real panel data of wage mobility. Longitudinal sampling weights are applied. Labor income refers to the 12 months preceding the survey year and is deflated for the corresponding income reference. Deflators are constructed from the official CPI published by the Turkish Statistical Institute (TurkStat) and are rebased to 2018. The decomposition was obtained by first calculating the total Fields–Ok index from observed changes in individual wages between consecutive survey years and then separating this total into two additive parts: the growth component, reflecting changes in mean wage levels, and the redistribution component, capturing movements in individuals' relative wage positions within the distribution.

Figure 4. Conditional probabilities of upward wage mobility by individual characteristics for 3, 5 and 10-year periods, Turkiye (percent)



Note: Standard errors are obtained using stratified bootstrap resampling of individuals (100 replications), accounting for sampling weights. Hourly wages are expressed in constant 2018 prices using the consumer price index. Upward mobility is defined as moving from below 60% of median hourly wage (of employees in that year) to above it in the next period. Wage thresholds are anchored to the endline year for each panel. In each baseline year, the sample is restricted to individuals aged 15–55, and this restriction is adjusted accordingly in the endline year. Results for the youth group (ages 15–24) are not reported in the 10-year synthetic panel analysis because this age category does not represent a stable cohort over such a time horizon. Individuals classified as youth at baseline necessarily age out of the group over the 10-year period. The dashed lines show the average wage mobility rates of 72.1%, 75.8%, and 80.8% respectively for Panels A, B, and C.

Figure 5. Conditional probabilities of upward wage mobility by individual characteristics for 3, 5 and 10-year periods, Turkiye (percent)



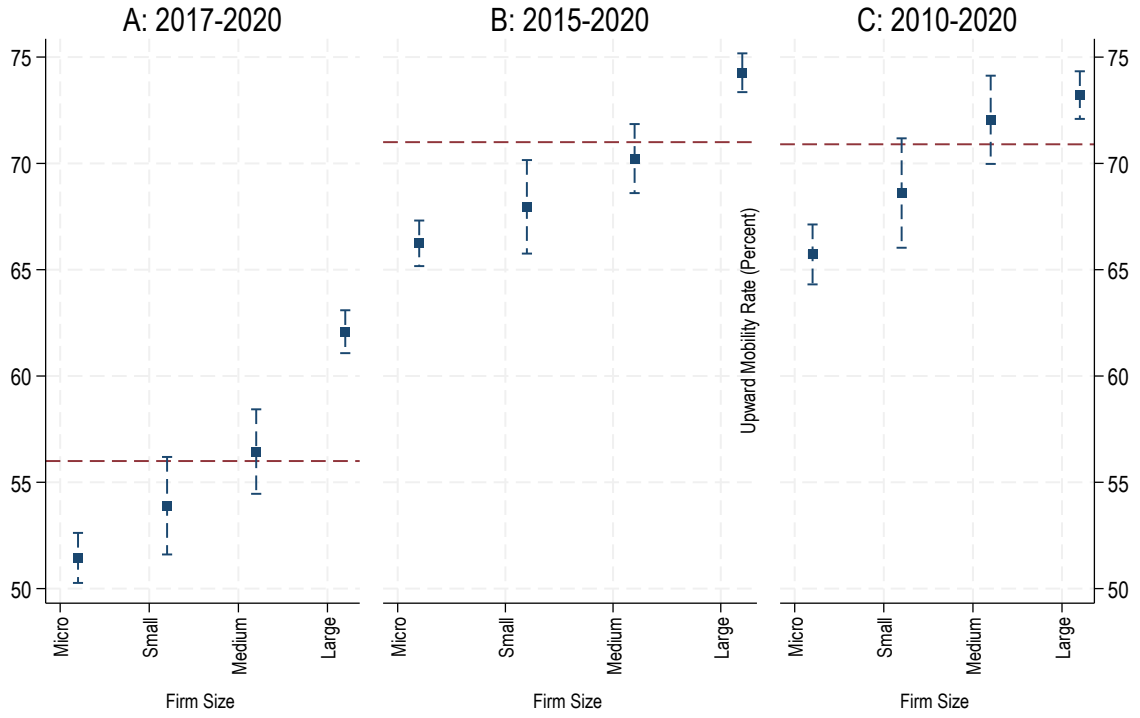
Note: Standard errors are obtained using stratified bootstrap resampling of individuals (100 replications), accounting for sampling weights. Hourly wages are expressed in constant 2018 prices using the consumer price index. Upward mobility is defined as moving from below 60% of median hourly wage (of employees in that year) to above it in the next period. Wage thresholds are anchored to the endline year for each panel. In each baseline year, the sample is restricted to individuals aged 15–55, and this restriction is adjusted accordingly in the endline year. The around–minimum-wage indicator is defined as a dummy variable equal to 1 if an individual's labor income lies between 70 percent and 130 percent of the minimum wage in the corresponding year, and 0 otherwise. Workers with income below 0.7 times the minimum wage are classified as below minimum wage, while those with income above 1.3 times the minimum wage are classified as above minimum wage. Informal employment: a binary indicator equal to 1 if the individual is employed without registration in the social security system in their main job, and 0 if registered. Part-time is defined in terms of working less than 35 hours a week. The dashed lines show the average wage mobility rates of 72.1%, 75.8%, and 80.8% respectively for Panels A, B, and C.

Figure 6. Conditional probabilities of upward wage mobility by occupation and industry for 3, 5 and 10-year periods, Turkiye (percent)



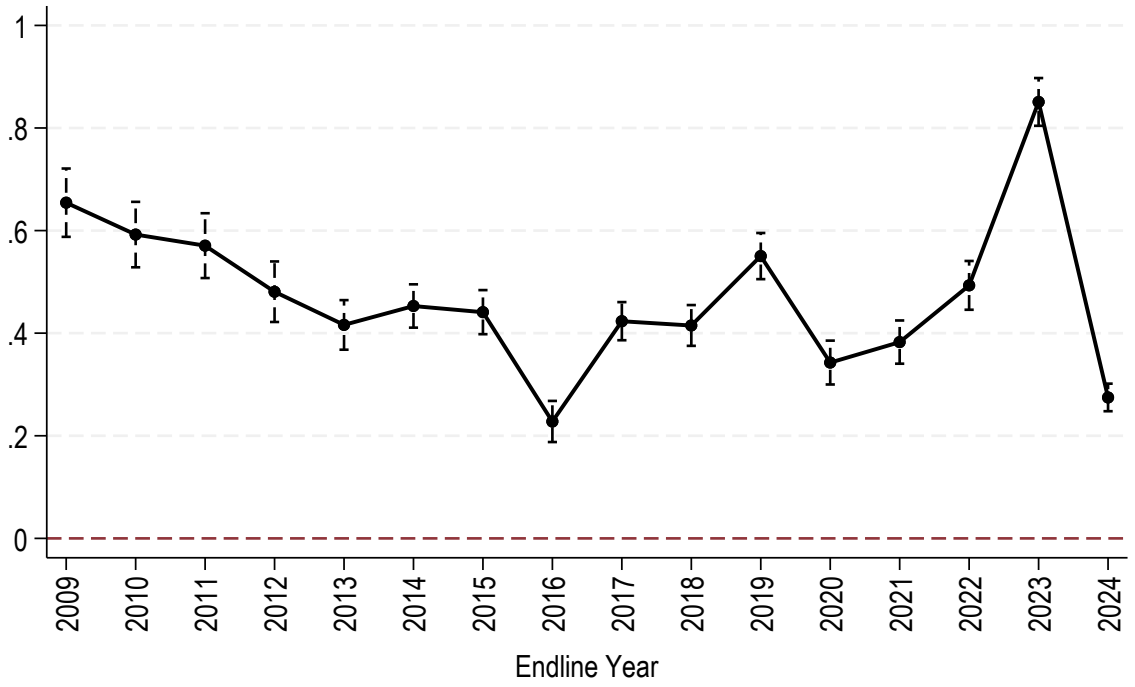
Note: Standard errors are obtained using stratified bootstrap resampling of individuals (100 replications), accounting for sampling weights. Hourly wages are expressed in constant 2018 prices using the consumer price index. Upward mobility is defined as moving from below 60% of median hourly wage (of employees in that year) to above it in the next period. Wage thresholds are anchored to the endline year for each panel. In each baseline year, the sample is restricted to individuals aged 15–55, and this restriction is adjusted accordingly in the endline year. The dashed lines show the average wage mobility rates of 72.1%, 75.8%, 80.8% respectively for Panels A, B, and C.

Figure 7. Conditional probabilities of upward wage mobility by firm size for 3, 5 and 10-year periods, Turkiye (percentage)



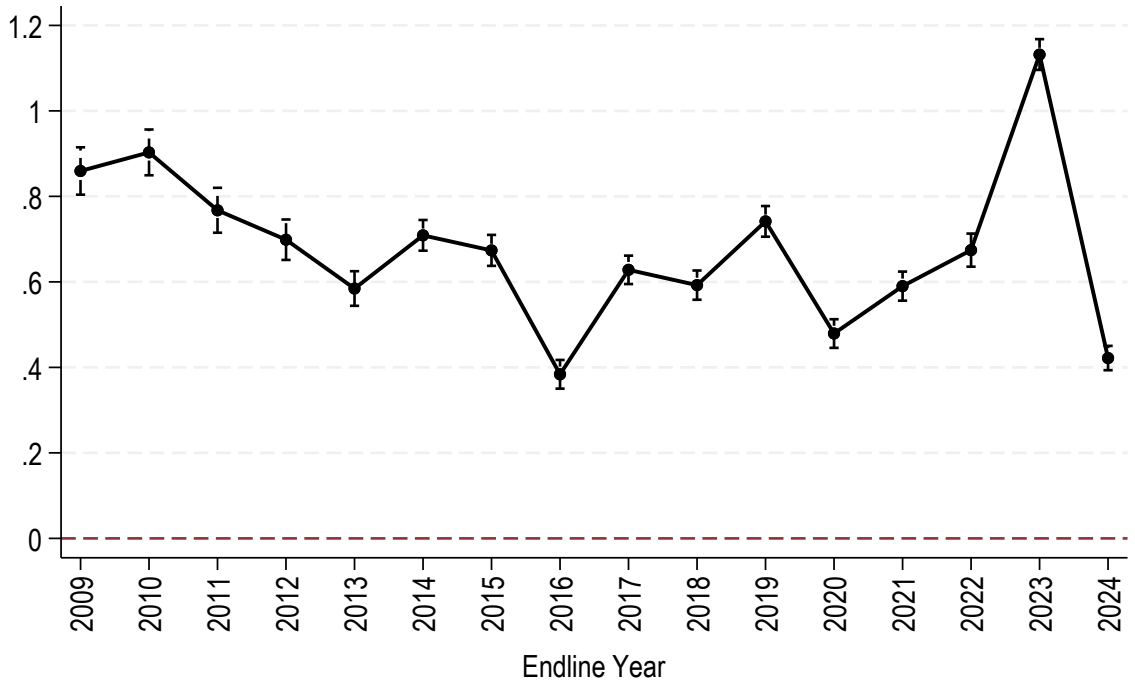
Note: Hourly wages are expressed in constant 2018 prices using the consumer price index. Upward mobility is defined as moving from below 60% of median hourly wage (of employees in that year) to above it in the next period. Wage thresholds are anchored to the endline year for each panel. In each baseline year, the sample is restricted to individuals aged 15–55, and this restriction is adjusted accordingly in the endline year. Firms are grouped as micro (1–10 employees), medium (11–49 employees), and big (50 employees or more). Most recent data for firm size are available in 2020. The dashed lines show the average wage mobility rates of 56.0%, 71.0%, and 70.9% respectively for Panels A, B, and C.

Figure 8. Correlation of upward wage mobility with poverty mobility, linear model with individual random effects



Note: The figure shows the estimated effect of upward wage mobility on the poverty mobility, based on linear regressions with random effects. Wage mobility measures mobility relative to the 60%-of-median hourly wage threshold. Incomes refer to the 12 months preceding the survey year and are deflated for the corresponding income reference. Deflators are constructed from the official CPI published by the Turkish Statistical Institute (TurkStat) and are rebased to 2018. Mobility measures are computed within short four-year panels using adjacent year pairs (t, t−1). Upward mobility is defined as moving from below 60% of median hourly wage (of employees in that year) to above it in the next period. Poverty mobility is measured at the household level using per capita disposable income relative to 60% of the median in the baseline year. Wage and poverty thresholds are anchored in the second year for each panel. The underlying regression results are obtained using Equation (7) and fully shown in Table A10, Appendix A.

Figure 9. Correlation of high wage in both periods with poverty mobility, linear model with individual random effects



Note: The figure shows the estimated effect of having high wages in both periods on the poverty mobility, based on linear regressions with random effects. Wage mobility measures mobility relative to the 60%-of-median hourly wage threshold. Incomes refer to the 12 months preceding the survey year and are deflated for the corresponding income reference. Deflators are constructed from the official CPI published by the Turkish Statistical Institute (TurkStat) and are rebased to 2018. Mobility measures are computed within short four-year panels using adjacent year pairs (t, t−1). Upward mobility is defined as moving from below 60% of median hourly wage (of employees in that year) to above it in the next period. Poverty mobility is measured at the household level using per capita disposable income relative to 60% of the median in the baseline year. Wage and poverty thresholds are anchored in the second year for each panel. The underlying regression results are obtained using Equation (7) and fully shown in Table A10, Appendix A.

Appendix A: Additional tables and figures

Table A1. Comparing official statistics and our estimates, SILC, Turkiye

Survey year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Income reference year	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**
Poverty rate by equivalized household disposable income (%)													
Panel A: TURKSTAT													
40% of the median equivalized income	10.0	9.1	8.7	8.7	8.4	7.4	7.9	8.3	8.9	8.5	7.6	7.0	6.9
50% of the median equivalized income	16.3	15.0	15.0	14.7	14.3	13.5	13.9	14.4	15.0	14.4	14.4	13.5	13.6
60% of the median equivalized income	22.7	22.4	21.8	21.9	21.2	20.1	21.2	21.3	21.9	21.3	21.6	21.3	21.2
70% of the median equivalized income	30.2	29.5	29.4	29.5	28.7	28.1	28.5	28.5	29.0	28.7	29.3	29.0	28.9
Panel B: Our estimates													
40% of the median equivalized income	10.0	9.1	8.7	8.7	8.4	7.4	7.9	8.3	8.9	8.5	7.8	7.0	6.9
50% of the median equivalized income	16.3	15.0	15.0	14.7	14.3	13.5	13.9	14.4	15.0	14.4	13.9	13.5	13.6
60% of the median equivalized income	22.7	22.4	21.8	21.9	21.2	20.1	21.2	21.3	21.9	21.3	21.0	21.3	21.2
70% of the median equivalized income	30.2	29.5	29.4	29.5	28.7	28.1	28.5	28.5	29.0	28.7	28.4	29.0	28.9
Gini indicator by equivalized household disposable income													
Gini coefficient TURKSTAT	0.402	0.400	0.391	0.397	0.404	0.405	0.408	0.395	0.410	0.401	0.415	0.420	0.413
Gini coefficient (our estimates)	0.402	0.400	0.391	0.397	0.404	0.405	0.408	0.395	0.410	0.401	0.408	0.420	0.413

Source: TURKSTAT (2024) and our analysis.

Table A2. Cross-sectional data, Turkiye

Year	Share of households with positive hourly wage		Share of employees with positive hourly wage	
	weighted	unweighted	weighted	unweighted
2006	55.6	49.7	88.5	88.6
2007	56.8	51.4	86.5	86.3
2008	56.8	53.0	85.5	85.6
2009	53.9	50.4	84.3	84.1
2010	54.1	50.6	82.8	83.0
2011	56.5	53.4	82.8	83.0
2012	58.8	55.0	83.1	83.0
2013	59.5	56.1	83.2	83.2
2014	60.8	57.2	85.2	85.4
2015	61.7	58.6	84.6	84.9
2016	62.9	59.5	86.9	87.5
2017	62.6	59.2	86.9	87.3
2018	62.5	58.9	86.9	87.0
2019	61.1	57.7	87.3	87.8
2020	59.2	55.6	89.8	90.1
2021	61.5	58.4	88.9	89.1
2022	61.6	60.7	89.4	90.0
2023	64.9	60.9	88.4	88.5
2024	65.3	61.9	90.1	90.5

Note: Hourly wage is calculated as total annual income from the main job divided by total annual hours worked, where annual hours are derived from months spent in the main job and usual weekly working hours. The measure includes only employed individuals—those working full-time or part-time and excludes observations with zero or missing wages.

Table A3. Comparing the panel and cross-sectional components in the Türkiye SILC, 2009-2024

Variable	Panel data	Cross-sectional data	Difference panel vs. cross-section		Ratio panel vs. cross-section	Number of observations	
						Individuals in (unbalanced) panel	Cross-sectional data
Round: 2009							
Gender (male)	0.83	0.77	0.06	***	1.08	859	6817
Age 15-19	0.01	0.06	-0.04	***	0.20	859	6817
Age 20-24	0.04	0.11	-0.07	***	0.25	859	6817
Age 25-29	0.15	0.19	-0.03	**	0.69	859	6817
Age 30-34	0.23	0.18	0.04	**	1.20	859	6817
Age 35-39	0.19	0.16	0.03	*	1.24	859	6817
Age 40-44	0.16	0.13	0.03	**	1.35	859	6817
Age 45-49	0.11	0.09	0.01		1.25	859	6817
Age 50-54	0.08	0.05	0.03	***	1.63	859	6817
Age 55-59	0.02	0.02	0.00		1.39	859	6817
Hourly wage	13.60	12.60	1.00	**	1.08	859	6817
Hours worked	52.00	51.70	0.30		1.00	859	6817
Household size	4.46	4.12	0.33	***	1.07	859	6817
Household income per capita	46.34	49.50	-3.17		0.93	859	6817
Round: 2010							
Gender (male)	0.79	0.77	0.02		1.05	913	7058
Age 15-19	0.01	0.05	-0.04	***	0.25	913	7058
Age 20-24	0.03	0.10	-0.07	***	0.28	913	7058
Age 25-29	0.11	0.19	-0.08	***	0.65	913	7058
Age 30-34	0.20	0.19	0.01		1.13	913	7058
Age 35-39	0.19	0.16	0.03	**	1.14	913	7058
Age 40-44	0.19	0.14	0.06	***	1.38	913	7058
Age 45-49	0.16	0.09	0.07	***	1.50	913	7058
Age 50-54	0.07	0.05	0.02	**	1.42	913	7058
Age 55-59	0.03	0.02	0.01		1.11	913	7058
Hourly wage	14.25	12.58	1.67	***	1.13	913	7058
Hours worked	51.15	50.65	0.50		1.01	913	7058
Household size	4.33	4.11	0.23	***	1.07	913	7058
Household income per capita	48.25	48.40	-0.15		0.98	913	7058
Round: 2011							
Gender (male)	0.83	0.76	0.07	***	1.08	1030	9128
Age 15-19	0.01	0.05	-0.04	***	0.23	1030	9128
Age 20-24	0.03	0.09	-0.07	***	0.27	1030	9128
Age 25-29	0.13	0.19	-0.06	***	0.73	1030	9128
Age 30-34	0.20	0.19	0.02		1.14	1030	9128
Age 35-39	0.19	0.16	0.03	**	1.17	1030	9128
Age 40-44	0.20	0.14	0.06	***	1.44	1030	9128
Age 45-49	0.13	0.10	0.04	***	1.22	1030	9128
Age 50-54	0.07	0.05	0.01		1.17	1030	9128
Age 55-59	0.03	0.02	0.01	*	1.39	1030	9128
Hourly wage	13.85	12.65	1.20	***	1.11	1030	9128
Hours worked	50.80	51.30	-0.50		0.99	1030	9128
Household size	4.41	4.10	0.31	***	1.07	1030	9128
Household income per capita	43.64	49.23	-5.60	***	0.90	1030	9128
Round: 2012							
Gender (male)	0.78	0.75	0.03	**	1.04	1017	11031
Age 15-19	0.01	0.04	-0.03	***	0.22	1017	11031
Age 20-24	0.03	0.10	-0.07	***	0.29	1017	11031
Age 25-29	0.11	0.18	-0.08	***	0.65	1017	11031
Age 30-34	0.18	0.19	-0.01		1.05	1017	11031
Age 35-39	0.19	0.16	0.04	***	1.23	1017	11031
Age 40-44	0.20	0.14	0.06	***	1.45	1017	11031
Age 45-49	0.15	0.10	0.05	***	1.31	1017	11031
Age 50-54	0.07	0.06	0.02	*	1.21	1017	11031
Age 55-59	0.04	0.02	0.01	*	1.20	1017	11031
Hourly wage	14.39	12.73	1.66	***	1.13	1017	11031
Hours worked	50.20	51.11	-0.91	**	0.98	1017	11031
Household size	4.36	4.12	0.24	***	1.05	1017	11031
Household income per capita	49.48	50.36	-0.88		1.00	1017	11031
Round: 2013							
Gender (male)	0.78	0.74	0.04	**	1.06	1033	12775

Age 15-19	0.00	0.04	-0.04	***	0.08	1033	12775
Age 20-24	0.02	0.10	-0.08	***	0.18	1033	12775
Age 25-29	0.09	0.18	-0.08	***	0.60	1033	12775
Age 30-34	0.17	0.19	-0.02		1.01	1033	12775
Age 35-39	0.21	0.16	0.05	***	1.27	1033	12775
Age 40-44	0.22	0.14	0.08	***	1.50	1033	12775
Age 45-49	0.16	0.10	0.06	***	1.40	1033	12775
Age 50-54	0.08	0.06	0.02	**	1.25	1033	12775
Age 55-59	0.03	0.02	0.00		1.00	1033	12775
Hourly wage	16.09	13.45	2.65	***	1.17	1033	12775
Hours worked	49.89	50.47	-0.57		0.99	1033	12775
Household size	4.18	4.11	0.07		1.02	1033	12775
Household income per capita	54.12	51.84	2.28		1.04	1033	12775
Round: 2014							
Gender (male)	0.78	0.74	0.04	***	1.07	2132	14903
Age 15-19	0.01	0.04	-0.03	***	0.18	2132	14903
Age 20-24	0.03	0.10	-0.07	***	0.28	2132	14903
Age 25-29	0.09	0.17	-0.08	***	0.59	2132	14903
Age 30-34	0.18	0.18	0.00		1.08	2132	14903
Age 35-39	0.22	0.16	0.06	***	1.33	2132	14903
Age 40-44	0.18	0.14	0.04	***	1.23	2132	14903
Age 45-49	0.16	0.11	0.05	***	1.36	2132	14903
Age 50-54	0.10	0.06	0.04	***	1.39	2132	14903
Age 55-59	0.03	0.03	0.00		0.92	2132	14903
Hourly wage	16.13	13.84	2.29	***	1.14	2132	14903
Hours worked	50.16	50.29	-0.13		1.00	2132	14903
Household size	4.13	4.13	0.00		1.03	2132	14903
Household income per capita	55.22	54.13	1.09		1.00	2132	14903
Round: 2015							
Gender (male)	0.76	0.73	0.04	***	1.06	2080	15142
Age 15-19	0.01	0.04	-0.03	***	0.25	2080	15142
Age 20-24	0.02	0.10	-0.07	***	0.26	2080	15142
Age 25-29	0.09	0.17	-0.07	***	0.58	2080	15142
Age 30-34	0.20	0.19	0.01		1.12	2080	15142
Age 35-39	0.20	0.16	0.04	***	1.25	2080	15142
Age 40-44	0.17	0.14	0.03	***	1.18	2080	15142
Age 45-49	0.15	0.10	0.05	***	1.39	2080	15142
Age 50-54	0.10	0.06	0.03	***	1.37	2080	15142
Age 55-59	0.03	0.03	0.01		1.02	2080	15142
Hourly wage	15.90	14.22	1.68	***	1.12	2080	15142
Hours worked	49.90	50.14	-0.25		1.00	2080	15142
Household size	4.19	4.12	0.06		1.05	2080	15142
Household income per capita	54.25	56.38	-2.13	*	0.98	2080	15142
Round: 2016							
Gender (male)	0.76	0.72	0.04	***	1.06	2189	15429
Age 15-19	0.01	0.04	-0.03	***	0.19	2189	15429
Age 20-24	0.02	0.09	-0.08	***	0.21	2189	15429
Age 25-29	0.09	0.16	-0.07	***	0.55	2189	15429
Age 30-34	0.18	0.18	0.00		1.09	2189	15429
Age 35-39	0.19	0.17	0.02	**	1.19	2189	15429
Age 40-44	0.21	0.14	0.07	***	1.31	2189	15429
Age 45-49	0.16	0.10	0.06	***	1.45	2189	15429
Age 50-54	0.08	0.07	0.02	**	1.20	2189	15429
Age 55-59	0.04	0.03	0.01	***	1.23	2189	15429
Hourly wage	17.07	14.80	2.27	***	1.13	2189	15429
Hours worked	49.27	49.50	-0.23		1.00	2189	15429
Household size	4.09	4.05	0.04		1.04	2189	15429
Household income per capita	60.68	60.13	0.54		1.01	2189	15429
Round: 2017							
Gender (male)	0.75	0.72	0.03	***	1.05	2287	15478
Age 15-19	0.00	0.03	-0.03	***	0.05	2287	15478
Age 20-24	0.03	0.10	-0.07	***	0.25	2287	15478
Age 25-29	0.11	0.15	-0.05	***	0.67	2287	15478
Age 30-34	0.16	0.17	-0.01		0.99	2287	15478
Age 35-39	0.20	0.17	0.03	***	1.22	2287	15478
Age 40-44	0.20	0.14	0.06	***	1.32	2287	15478
Age 45-49	0.14	0.11	0.03	***	1.23	2287	15478
Age 50-54	0.10	0.07	0.03	***	1.36	2287	15478
Age 55-59	0.04	0.03	0.01	*	1.20	2287	15478
Hourly wage	17.68	15.15	2.53	***	1.16	2287	15478

Hours worked	49.01	49.52	-0.51	*	0.99	2287	15478
Household size	3.99	4.04	-0.05		1.02	2287	15478
Household income per capita	63.11	62.13	0.98		1.03	2287	15478
Round: 2018							
Gender (male)	0.73	0.71	0.02		1.04	2307	16189
Age 15-19	0.01	0.03	-0.02	***	0.15	2307	16189
Age 20-24	0.03	0.10	-0.07	***	0.24	2307	16189
Age 25-29	0.10	0.15	-0.05	***	0.63	2307	16189
Age 30-34	0.17	0.17	0.01		1.08	2307	16189
Age 35-39	0.21	0.17	0.04	***	1.25	2307	16189
Age 40-44	0.19	0.15	0.05	***	1.28	2307	16189
Age 45-49	0.14	0.12	0.03	***	1.24	2307	16189
Age 50-54	0.09	0.07	0.02	***	1.15	2307	16189
Age 55-59	0.05	0.04	0.01	**	1.32	2307	16189
Hourly wage	18.26	15.16	3.09	***	1.16	2307	16189
Hours worked	48.78	49.04	-0.26		1.00	2307	16189
Household size	3.97	4.00	-0.03		1.03	2307	16189
Household income per capita	67.39	62.43	4.96	**	1.05	2307	16189
Round: 2019							
Gender (male)	0.71	0.70	0.01		1.02	2400	16390
Age 15-19	0.00	0.03	-0.03	***	0.11	2400	16390
Age 20-24	0.03	0.09	-0.06	***	0.31	2400	16390
Age 25-29	0.10	0.15	-0.05	***	0.62	2400	16390
Age 30-34	0.19	0.17	0.02	*	1.12	2400	16390
Age 35-39	0.20	0.17	0.03	***	1.16	2400	16390
Age 40-44	0.18	0.15	0.03	***	1.19	2400	16390
Age 45-49	0.14	0.12	0.03	***	1.23	2400	16390
Age 50-54	0.10	0.07	0.03	***	1.33	2400	16390
Age 55-59	0.04	0.04	0.00		1.10	2400	16390
Hourly wage	17.17	15.02	2.15	***	1.13	2400	16390
Hours worked	48.34	48.52	-0.18		1.00	2400	16390
Household size	3.87	3.93	-0.07	*	1.02	2400	16390
Household income per capita	67.76	63.69	4.07	**	1.06	2400	16390
Round: 2020							
Gender (male)	0.74	0.71	0.03	***	1.04	2334	16112
Age 15-19	0.00	0.02	-0.02	***	0.17	2334	16112
Age 20-24	0.02	0.09	-0.06	***	0.27	2334	16112
Age 25-29	0.10	0.15	-0.05	***	0.62	2334	16112
Age 30-34	0.16	0.17	0.00		1.02	2334	16112
Age 35-39	0.20	0.17	0.03	***	1.19	2334	16112
Age 40-44	0.19	0.16	0.03	***	1.22	2334	16112
Age 45-49	0.16	0.12	0.04	***	1.31	2334	16112
Age 50-54	0.08	0.07	0.01	**	1.17	2334	16112
Age 55-59	0.05	0.04	0.01	**	1.35	2334	16112
Hourly wage	16.91	15.85	1.06	***	1.06	2334	16112
Hours worked	48.98	48.03	0.95	***	1.01	2334	16112
Household size	3.95	3.90	0.04		1.03	2334	16112
Household income per capita	63.68	65.28	-1.60		0.98	2334	16112
Round: 2021							
Gender (male)	0.72	0.70	0.02	*	1.04	2795	17284
Age 15-19	0.00	0.02	-0.02	***	0.13	2795	17284
Age 20-24	0.01	0.08	-0.07	***	0.19	2795	17284
Age 25-29	0.09	0.15	-0.06	***	0.60	2795	17284
Age 30-34	0.16	0.16	-0.01		0.96	2795	17284
Age 35-39	0.19	0.17	0.02	***	1.16	2795	17284
Age 40-44	0.19	0.16	0.03	***	1.24	2795	17284
Age 45-49	0.18	0.12	0.05	***	1.36	2795	17284
Age 50-54	0.10	0.07	0.03	***	1.29	2795	17284
Age 55-59	0.05	0.04	0.01	*	1.24	2795	17284
Hourly wage	17.54	16.14	1.40	***	1.07	2795	17284
Hours worked	47.32	47.14	0.18		1.00	2795	17284
Household size	3.86	3.81	0.05		1.03	2795	17284
Household income per capita	64.16	65.50	-1.34		0.98	2795	17284
Round: 2022							
Gender (male)	0.72	0.70	0.03	**	1.04	2898	18141
Age 15-19	0.00	0.03	-0.02	***	0.14	2898	18141
Age 20-24	0.03	0.09	-0.06	***	0.29	2898	18141
Age 25-29	0.08	0.15	-0.07	***	0.56	2898	18141
Age 30-34	0.16	0.16	0.00		1.01	2898	18141
Age 35-39	0.19	0.16	0.04	***	1.27	2898	18141

Age 40-44	0.21	0.16	0.05	***	1.26	2898	18141
Age 45-49	0.15	0.12	0.03	***	1.22	2898	18141
Age 50-54	0.10	0.08	0.02	***	1.27	2898	18141
Age 55-59	0.05	0.04	0.01	**	1.22	2898	18141
Hourly wage	18.32	16.32	2.01	***	1.11	2898	18141
Hours worked	47.34	47.07	0.28		1.00	2898	18141
Household size	3.86	3.80	0.06		1.05	2898	18141
Household income per capita	67.01	68.57	-1.56		0.98	2898	18141
Round: 2023							
Gender (male)	0.74	0.69	0.05	***	1.07	2631	17161
Age 15-19	0.00	0.02	-0.02	***	0.12	2631	17161
Age 20-24	0.03	0.09	-0.06	***	0.28	2631	17161
Age 25-29	0.09	0.15	-0.05	***	0.64	2631	17161
Age 30-34	0.14	0.16	-0.01		1.00	2631	17161
Age 35-39	0.17	0.15	0.02	*	1.14	2631	17161
Age 40-44	0.21	0.16	0.05	***	1.31	2631	17161
Age 45-49	0.16	0.12	0.04	***	1.23	2631	17161
Age 50-54	0.11	0.08	0.03	***	1.31	2631	17161
Age 55-59	0.05	0.04	0.01	*	1.12	2631	17161
Hourly wage	18.85	17.22	1.63	***	1.08	2631	17161
Hours worked	46.59	46.79	-0.20		1.00	2631	17161
Household size	3.81	3.81	0.00		1.05	2631	17161
Household income per capita	70.38	73.04	-2.66		0.95	2631	17161
Round: 2024							
Gender (male)	0.69	0.68	0.01		1.03	2793	18211
Age 15-19	0.00	0.02	-0.02	***	0.12	2793	18211
Age 20-24	0.03	0.09	-0.06	***	0.26	2793	18211
Age 25-29	0.09	0.15	-0.07	***	0.57	2793	18211
Age 30-34	0.16	0.15	0.00		1.05	2793	18211
Age 35-39	0.18	0.15	0.03	***	1.24	2793	18211
Age 40-44	0.19	0.15	0.04	***	1.23	2793	18211
Age 45-49	0.17	0.12	0.05	***	1.29	2793	18211
Age 50-54	0.10	0.08	0.02	***	1.22	2793	18211
Age 55-59	0.05	0.04	0.00		1.09	2793	18211
Hourly wage	26.03	22.98	3.05	***	1.13	2793	18211
Hours worked	46.00	46.23	-0.23		1.00	2793	18211
Household size	3.70	3.77	-0.07	*	1.03	2793	18211
Household income per capita	102.02	101.31	0.70		1.01	2793	18211

Note: Panel data are restricted to individuals with non-missing wage in the first and last years over the 3-year period.

Table A4. Fields-Ok mobility index for all three-year periods

Period	Total	Decomposition (%)	
		Growth	Redistribution
2006-2009	0.30	27	73
2007-2010	0.24	39	61
2008-2011	0.26	12	88
2009-2012	0.25	20	80
2010-2013	0.23	36	64
2011-2014	0.25	50	50
2012-2015	0.25	53	47
2013-2016	0.23	44	56
2014-2017	0.25	52	48
2015-2018	0.24	48	52
2016-2019	0.23	38	62
2017-2020	0.20	31	69
2018-2021	0.21	22	78
2019-2022	0.24	47	53
2020-2023	0.25	30	70
2021-2024	0.41	87	13

Note: Longitudinal sampling weights are applied. Labor income refers to the 12 months preceding the survey year and is deflated for the corresponding income reference. Deflators are constructed from the official CPI published by the Turkish Statistical Institute (TurkStat) and are rebased to 2018.

Table A5. Shorrocks mobility index for all 3-year periods

Period	Gini Index			Variance of Log Income			No. of individuals (balanced panel)
	M^s	Short-term inequality	Long-term inequality	M^s	Short-term inequality	Long-term inequality	
2006-2009	0.04	0.36	0.34	0.11	0.43	0.38	747
2007-2010	0.04	0.35	0.34	0.09	0.42	0.38	787
2008-2011	0.04	0.35	0.34	0.10	0.43	0.39	885
2009-2012	0.03	0.36	0.35	0.10	0.45	0.40	872
2010-2013	0.03	0.36	0.35	0.07	0.46	0.43	913
2011-2014	0.03	0.36	0.35	0.07	0.46	0.42	1848
2012-2015	0.02	0.36	0.36	0.06	0.46	0.43	1777
2013-2016	0.02	0.37	0.36	0.07	0.46	0.43	1899
2014-2017	0.03	0.35	0.34	0.07	0.42	0.39	1968
2015-2018	0.03	0.35	0.35	0.07	0.41	0.38	2010
2016-2019	0.03	0.34	0.33	0.07	0.39	0.37	2100
2017-2020	0.03	0.32	0.32	0.07	0.35	0.32	2031
2018-2021	0.03	0.33	0.32	0.06	0.37	0.35	2403
2019-2022	0.03	0.32	0.31	0.08	0.36	0.33	2502
2020-2023	0.04	0.31	0.30	0.09	0.32	0.29	2330
2021-2024	0.05	0.32	0.30	0.09	0.35	0.32	2455

Note: Labor income refers to the 12 months preceding the survey year and is deflated for the corresponding income reference. Deflators are constructed from the official CPI published by the Turkish Statistical Institute (TurkStat) and are rebased to 2018. Balanced samples are used for each period.

Table A6. Conditional probabilities of upward wage mobility by individual and firm characteristics for 3, 5 and 10-year periods

	2021-2024		2019-2024		2014-2024	
	Estimates	*Std.errors*	Estimates	*Std.errors*	Estimates	*Std.errors*
Male	72.1	*0.29*	76.1	*0.27*	80.4	*0.37*
Female	72.0	*0.52*	75.2	*0.41*	81.9	*0.60*
Non-youth	76.9	*0.30*	78.3	*0.28*	*N.A*	*N.A*
Youth	65.1	*0.41*	71.0	*0.35*	*N.A*	*N.A*
Literate but not graduate	45.1	*1.85*	46.2	*1.79*	49.0	*2.10*
Primary school	61.3	*0.95*	66.6	*0.84*	68.3	*0.90*
Secondary/vocational	60.8	*0.57*	68.5	*0.50*	72.2	*0.57*
High school	68.2	*0.46*	70.2	*0.42*	75.5	*0.59*
Vocational/technical	70.2	*0.47*	72.3	*0.47*	80.7	*0.47*
College+	83.4	*0.26*	84.7	*0.23*	88.3	*0.28*
Below minimum wage	66.6	*0.43*	71.1	*0.35*	75.6	*0.51*
Around minimum wage	74.0	*0.36*	77.0	*0.28*	82.0	*0.35*
Above minimum wage	83.9	*0.52*	85.2	*0.50*	89.1	*0.52*
Formal job	73.7	*0.25*	76.7	*0.23*	81.8	*0.32*
Informal job	60.5	*0.87*	67.4	*0.80*	70.2	*1.15*
Full-time job	72.3	*0.25*	75.8	*0.22*	80.9	*0.33*
Part-time job	67.5	*1.14*	74.8	*0.99*	80.2	*1.30*
Regular employees	72.9	*0.25*	76.3	*0.23*	81.5	*0.31*
Casual employees	61.4	*1.09*	67.5	*0.92*	70.0	*1.24*
Permanent contract	73.4	*0.26*	76.6	*0.24*	81.7	*0.32*
Temporary contract	61.8	*0.81*	67.9	*0.81*	71.6	*1.12*
High-skill occupations	83.2	*0.51*	84.4	*0.42*	87.8	*0.47*
Medium-skill occupations	73.1	*0.40*	76.3	*0.35*	81.8	*0.43*
Low-skill occupations	66.0	*0.35*	70.7	*0.37*	74.8	*0.48*
Agriculture	57.2	*3.24*	67.8	*2.68*	71.9	*2.59*
Industry	69.5	*0.43*	73.3	*0.42*	78.1	*0.47*
Services	73.8	*0.33*	77.2	*0.26*	82.4	*0.38*
	2017-2020		2015-2020		2010-2020	
	Estimates	*Std.errors*	Estimates	*Std.errors*	Estimates	*Std.errors*
Micro firms	51.44	*0.60*	66.24	*0.55*	65.72	*0.72*
Small firms	53.90	*1.17*	67.96	*1.12*	68.61	*1.31*
Medium firms	56.44	*1.01*	70.23	*0.83*	72.05	*1.06*
Large firms	62.08	*0.51*	74.27	*0.47*	73.21	*0.57*

Note: Standard errors are obtained using stratified bootstrap resampling of individuals (100 replications), accounting for sampling weights. Hourly wages are expressed in constant 2018 prices using the consumer price index. Upward mobility is defined as moving from below 60% of median hourly wage (of employees in that year) to above it in the next period. Wage thresholds are anchored to the endline year for each panel. In each baseline year, the sample is restricted to individuals aged 15–55, and this restriction is adjusted accordingly in the endline year. Results for the youth group (ages 15–24) are not reported in the 10-year synthetic panel analysis because this age category does not represent a stable cohort over such a time horizon. Individuals classified as youth at baseline necessarily age out of the group over the 10-year period. The around–minimum-wage indicator is defined as a dummy variable equal to 1 if an individual's labor income lies between 70 percent and 130 percent of the minimum wage in the corresponding year, and 0 otherwise. Workers with income below 0.7 times the minimum wage are classified as below minimum wage, while those with income above 1.3 times the minimum wage are classified as above minimum wage. Informal employment is a binary indicator equal to 1 if the individual is employed without registration in the social security system in their main job, and 0 if registered. Part-time is defined in terms of working less than 35 hours a week. Firms are grouped as micro (1–10 employees), medium (11–49 employees), and big (50 employees or more). Most recent data for firm size are available in 2020. N.A. stands for “not available”.

Table A7. Relationship between wage mobility and poverty mobility, ordered logit models with individual random effects, 2006-2024

	Panel A: Year-to-year		*Panel B: Over three years*	
	coef	*se*	coef	*se*
Downward wage mobility	3.574***	*0.077*	-0.060	*0.127*
Upward wage mobility	4.381***	*0.071*	0.323***	*0.096*
High wages in both periods	6.556***	*0.063*	1.139***	*0.119*
Control variables				
Age groups (reference- 40-45)				
Age 15-19	1.458***	*0.144*	0.194	*0.157*
Age 20-24	0.250**	*0.097*	-0.066	*0.118*
Age 25-29	-0.282***	*0.081*	-0.366***	*0.095*
Age 30-34	-0.577***	*0.073*	-0.513***	*0.088*
Age 35-39	-0.404***	*0.066*	-0.365***	*0.078*
Age 45-49	0.899***	*0.073*	0.530***	*0.092*
Age 50-54	1.643***	*0.101*	1.243***	*0.145*
Age 55-59	2.928***	*0.151*	1.331***	*0.194*
Age 60-64	3.612***	*0.232*	2.133***	*0.352*
Age 60+	3.884***	*0.295*	1.484***	*0.387*
Female	2.106***	*0.070*	1.308***	*0.118*
Household size	-0.913***	*0.016*	-0.530***	*0.043*
Education (reference – illiterate)				
Literate but not a graduate	0.654***	*0.216*	0.596***	*0.213*
Primary school	1.509***	*0.179*	1.015***	*0.189*
Secondary/vocatinal secondary school	2.034***	*0.187*	1.384***	*0.211*
High school	1.954***	*0.191*	1.469***	*0.218*
Vocational/technical high school	2.341***	*0.194*	1.819***	*0.236*
College +	2.825***	*0.196*	2.810***	*0.282*
Marital status (reference – single)				
Married	-0.464***	*0.057*	-0.812***	*0.095*
Separated/divorced/widowed	-0.201	*0.129*	-0.676***	*0.169*
Occupation(reference: low-skill occupations)				
High-skill occupations	1.004***	*0.099*	1.100***	*0.128*
Medium-skill occupations	0.770***	*0.062*	0.266***	*0.062*
Contract type				
Permanent contract	1.396***	*0.098*	0.962***	*0.130*
Formal job	-0.462***	*0.069*	0.523***	*0.087*
Regular employee	0.435***	*0.121*	-0.215*	*0.129*
Industry (reference: agriculture)				
Industry	0.201	*0.137*	0.366***	*0.133*
Services	0.422***	*0.138*	0.362***	*0.135*
/cut1	-2.873***	*0.282*	-5.392***	*0.433*
/cut2	-0.397	*0.281*	-2.420***	*0.316*
/cut3	1.644***	*0.281*	-0.643**	*0.268*
/sigma2_	17.216***	*0.354*	1.266*	*0.696*
Number of observations	217,698		28,402	
Log-Likelihood	-67,792.85		-11,010.66	
chi2	*15,354.128*		*233.573*	
sigma_u	*4.149*		*1.125*	
chi2_c	*34,380.380*		*7.351*	
Mean of dependent variable	*3.800*		*3.817*	

Note: *** p<0.01, ** p<0.05, * p<0.1. Poverty mobility and wage mobility are defined in Equations (2) and (4). Incomes refer to the 12 months preceding the survey year and are deflated for the corresponding income reference. Deflators are constructed from the official CPI published by the Turkish Statistical Institute (TurkStat) and are rebased to 2018. In Panel A, mobility measures are computed within short four-year panels using adjacent year pairs (t, t−1). In Panel B, mobility measures are computed within short four-year panels using three-years pairs (t, t−3). Observations from all panels and all year pairs are then pooled together for the regression. All regressions include year fixed effects and panel wave fixed effects.

Table A8. Relationship between wage mobility and poverty mobility, linear model with individual random effects, 2006-2024

	coef	*se*
Upward wage mobility	0.281***	*0.001*
Control variables		
Age 15-19	0.043***	*0.004*
Age 20-24	0.010***	*0.003*
Age 25-29	-0.021***	*0.003*
Age 30-34	-0.031***	*0.002*
Age 35-39	-0.030***	*0.002*
Age 45-49	0.042***	*0.002*
Age 50-54	0.083***	*0.003*
Age 55-59	0.118***	*0.004*
Age 60-64	0.136***	*0.006*
Age 60+	0.185***	*0.009*
Female	0.090***	*0.002*
Household size	-0.066***	*0.000*
Education (reference – illiterate)		
Literate but not a graduate	0.034***	*0.008*
Primary school	0.115***	*0.007*
Secondary/vocatinal secondary school	0.161***	*0.007*
High school	0.167***	*0.007*
Vocational/technical high school	0.194***	*0.007*
College +	0.192***	*0.007*
Marital status (reference – single)		
Married	-0.018***	*0.002*
Separated/divorced/widowed	-0.031***	*0.004*
Occupation(reference: low-skill occupations)		
High-skill occupations	0.023***	*0.003*
Medium-skill occupations	0.030***	*0.002*
Contract type		
Permanent contract	0.082***	*0.003*
Formal job	0.005**	*0.002*
Regular employee	0.037***	*0.004*
Industry (reference: agriculture)		
Industry	0.021***	*0.004*
Services	0.028***	*0.004*
_cons	0.469***	*0.010*
Number of observations	487,114	
R2	*0.333*	
chi2	*115,779.761*	
sigma_u	*0.268*	
sigma_e	*0.217*	
rho	*0.604*	
Mean of dependent variable	*0.786*	

Note: *** p<0.01, ** p<0.05, * p<0.1. The dependent variable measures poverty mobility relative to the poverty threshold (above or below 60% of median per capita disposable income, i.e., poverty mobility). Wage mobility measures mobility relative to the 60%-of-median hourly wage threshold. Incomes refer to the 12 months preceding the survey year and are deflated for the corresponding income reference. Deflators are constructed from the official CPI published by the Turkish Statistical Institute (TurkStat) and are rebased to 2018. Observations from all panels are pooled together for the regression. All regressions include year fixed effects and panel wave fixed effects.

Table A9. Relationship between wage mobility and income mobility, linear model with individual random effects, 2006-2024

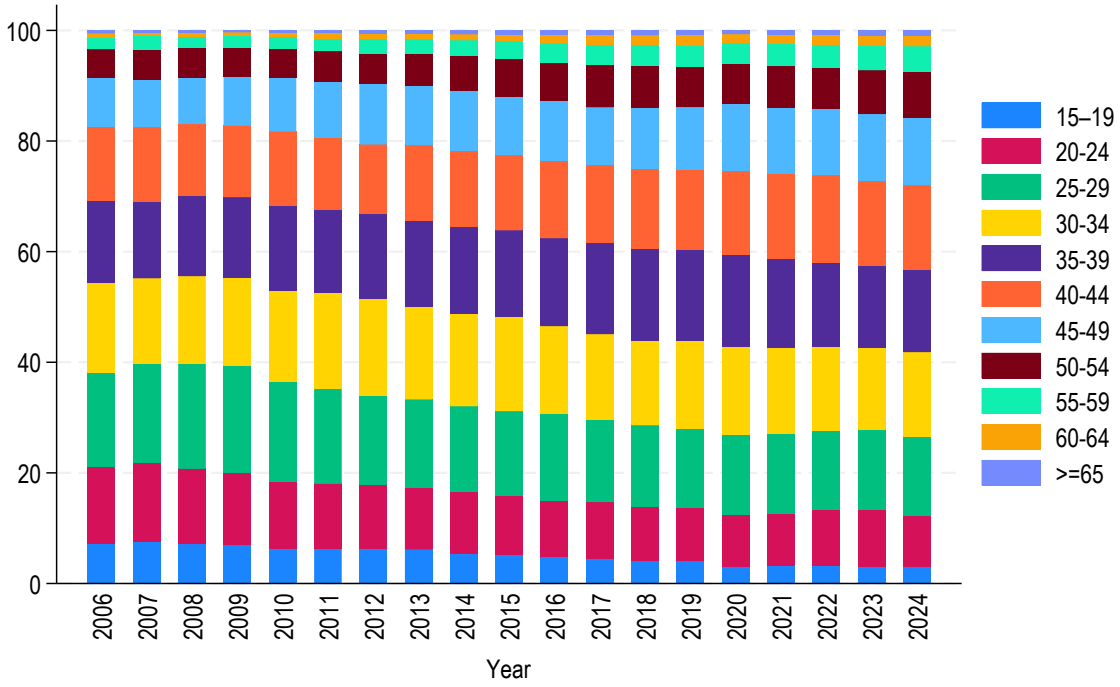
	Panel A: Year-to-year		*Panel B: Over three years*	
	coef	*se*	coef	*se*
Downward wage mobility	0.176***	*0.007*	0.072***	*0.027*
Upward wage mobility	0.301***	*0.006*	0.180***	*0.019*
High wages in both periods	0.421***	*0.005*	0.291***	*0.017*
Control variables				
Age groups (reference- 40-45)				
Age 15-19	0.112***	*0.014*	-0.007	*0.032*
Age 20-24	0.006	*0.009*	-0.096***	*0.020*
Age 25-29	0.002	*0.007*	-0.107***	*0.015*
Age 30-34	-0.036***	*0.006*	-0.115***	*0.013*
Age 35-39	-0.047***	*0.005*	-0.091***	*0.013*
Age 45-49	0.086***	*0.006*	0.125***	*0.015*
Age 50-54	0.227***	*0.008*	0.265***	*0.019*
Age 55-59	0.307***	*0.011*	0.315***	*0.026*
Age 60-64	0.345***	*0.017*	0.402***	*0.045*
Age 60+	0.226***	*0.027*	0.208***	*0.066*
Female	0.256***	*0.006*	0.328***	*0.010*
Household size	-0.122***	*0.001*	-0.133***	*0.003*
Education (reference – illiterate)				
Literate but not a graduate	0.106***	*0.022*	0.157***	*0.041*
Primary school	0.111***	*0.019*	0.183***	*0.034*
Secondary/vocatinal secondary school	0.194***	*0.019*	0.249***	*0.035*
High school	0.321***	*0.020*	0.323***	*0.036*
Vocational/technical high school	0.327***	*0.020*	0.360***	*0.036*
College +	0.657***	*0.020*	0.686***	*0.036*
Marital status (reference – single)				
Married	-0.071***	*0.005*	-0.216***	*0.012*
Separated/divorced/widowed	0.026**	*0.011*	-0.164***	*0.023*
Occupation(reference: low-skill occupations)				
High-skill occupations	0.317***	*0.008*	0.391***	*0.015*
Medium-skill occupations	0.098***	*0.006*	0.101***	*0.011*
Contract type				
Permanent contract	0.118***	*0.010*	0.149***	*0.021*
Formal job	0.005	*0.007*	0.075***	*0.015*
Regular employee	-0.021*	*0.012*	-0.089***	*0.027*
Industry (reference: agriculture)				
Industry	0.001	*0.014*	0.032	*0.027*
Services	-0.008	*0.014*	0.008	*0.027*
cons	1.482***	*0.028*	1.626***	*0.051*
Number of observations	248,166		31,960	
R2	*0.392*		*0.392*	
chi2	*60,371.044*		*20,634.119*	
sigma_u	*0.591*		*0.558*	
sigma_e	*0.402*		*0.415*	
rho	*0.684*		*0.643*	
Mean of dependent variable	*1.865*		*1.897*	

Note: *** p<0.01, ** p<0.05, * p<0.1. Income mobility is similarly defined as wage mobility (Equation (2)). Incomes refer to the 12 months preceding the survey year and are deflated for the corresponding income reference. Deflators are constructed from the official CPI published by the Turkish Statistical Institute (TurkStat) and are rebased to 2018. In Panel A, mobility measures are computed within short four-year panels using adjacent year pairs (t, t−1). In Panel B, mobility measures are computed within short four-year panels using three-years pairs (t, t−3). Observations from all panels and all year pairs are then pooled together for the regression. All regressions include year fixed effects and panel wave fixed effects.

Table A10. Relationship between wage mobility and poverty mobility, linear model with individual random effects, 2006-2024

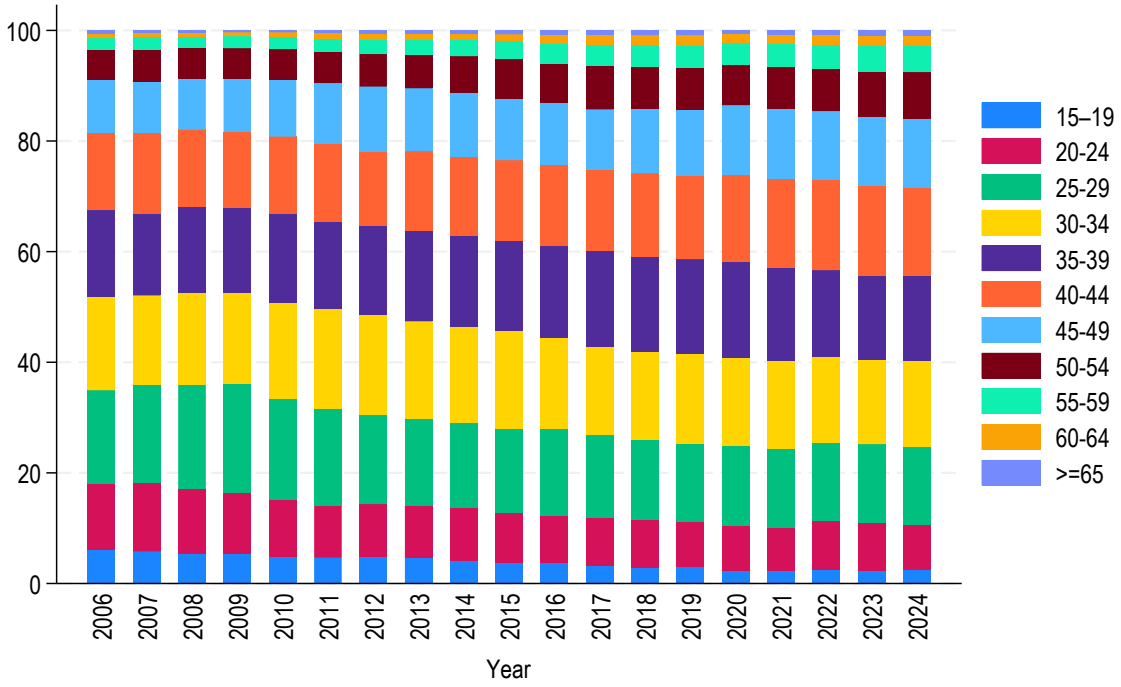
	2006-2009		2007-2010		2008-2011		2009-2012		2010-2013		2011-2014		2012-2015		2013-2016		2014-2017	
	coef	se	coef	se	coef	se	coef	se	coef	se	coef	se	coef	se	coef	se	coef	
Downward wage mobility	0.443***	*0.036*	0.508***	*0.035*	0.456***	*0.035*	0.306***	*0.034*	0.310***	*0.030*	0.338***	*0.027*	0.320***	*0.027*	0.066***	*0.025*	0.282***	
Upward wage mobility	0.654***	*0.034*	0.592***	*0.033*	0.571***	*0.032*	0.481***	*0.030*	0.416***	*0.025*	0.453***	*0.022*	0.441***	*0.022*	0.228***	*0.020*	0.423***	
High wages in both periods	0.859***	*0.028*	0.903***	*0.027*	0.768***	*0.027*	0.699***	*0.024*	0.585***	*0.021*	0.709***	*0.018*	0.674***	*0.018*	0.384***	*0.017*	0.628***	
Age 15-19	0.182***	*0.061*	0.352***	*0.059*	0.199***	*0.057*	0.120**	*0.051*	0.107**	*0.046*	0.090**	*0.042*	0.020	*0.043*	-0.070*	*0.039*	0.072*	
Age 20-24	-0.033	*0.041*	0.040	*0.039*	-0.002	*0.036*	-0.036	*0.032*	-0.038	*0.029*	-0.008	*0.027*	-0.063**	*0.026*	-0.092***	*0.023*	-0.070***	
Age 25-29	-0.075**	*0.032*	-0.057*	*0.030*	-0.089***	*0.028*	-0.092***	*0.024*	-0.098***	*0.022*	-0.095***	*0.021*	-0.088***	*0.020*	-0.077***	*0.018*	-0.074***	
Age 30-34	-0.081***	*0.031*	-0.036	*0.029*	-0.081***	*0.026*	-0.060***	*0.023*	-0.058***	*0.020*	-0.054***	*0.019*	-0.069***	*0.018*	-0.064***	*0.016*	-0.084***	
Age 35-39	-0.021	*0.029*	-0.007	*0.026*	-0.047**	*0.024*	-0.014	*0.020*	-0.024	*0.019*	-0.044**	*0.017*	-0.025	*0.017*	-0.025*	*0.015*	-0.036**	
45-49	0.106***	*0.033*	0.040	*0.030*	0.051*	*0.028*	0.047**	*0.023*	0.107***	*0.020*	0.071***	*0.019*	0.050***	*0.018*	0.029*	*0.016*	0.059***	
Age 50-54	0.139***	*0.042*	0.100**	*0.040*	0.079**	*0.038*	0.080**	*0.031*	0.107***	*0.028*	0.072***	*0.025*	0.059**	*0.023*	0.062***	*0.020*	0.054***	
Age 55-59	0.309***	*0.068*	0.203***	*0.066*	0.118**	*0.054*	0.106**	*0.046*	0.145***	*0.039*	0.149***	*0.036*	0.114***	*0.033*	0.133***	*0.027*	0.139***	
Age 60-64	0.349***	*0.113*	0.308***	*0.118*	0.096	*0.100*	0.012	*0.070*	0.173***	*0.060*	0.232***	*0.055*	0.214***	*0.050*	0.209***	*0.042*	0.154***	
Age 60+	0.682***	*0.160*	0.597***	*0.158*	0.211	*0.139*	0.189*	*0.099*	0.325***	*0.088*	0.322***	*0.081*	0.309***	*0.072*	0.186***	*0.060*	0.179***	
Female	0.090***	*0.026*	0.064***	*0.025*	0.075***	*0.023*	0.105***	*0.019*	0.126***	*0.017*	0.129***	*0.016*	0.119***	*0.015*	0.118***	*0.012*	0.133***	
Household size	-0.088***	*0.006*	-0.090***	*0.006*	-0.074***	*0.006*	-0.075***	*0.005*	-0.080***	*0.004*	-0.077***	*0.004*	-0.088***	*0.004*	-0.091***	*0.003*	-0.073***	
Literate but not a graduate	0.305***	*0.106*	0.216**	*0.106*	-0.090	*0.096*	0.011	*0.085*	0.067	*0.071*	-0.085	*0.065*	-0.246***	*0.065*	-0.190***	*0.058*	-0.073	
Primary school	0.597***	*0.086*	0.511***	*0.087*	0.211***	*0.080*	0.173***	*0.067*	0.233***	*0.058*	0.204***	*0.053*	0.090*	*0.053*	0.118**	*0.047*	0.169***	
Secondary/vocational econdary	0.637***	*0.090*	0.555***	*0.090*	0.269***	*0.083*	0.265***	*0.070*	0.323***	*0.060*	0.270***	*0.055*	0.121**	*0.055*	0.193***	*0.049*	0.243***	
High school	0.580***	*0.091*	0.550***	*0.091*	0.256***	*0.084*	0.264***	*0.071*	0.325***	*0.061*	0.221***	*0.056*	0.100*	*0.056*	0.164***	*0.050*	0.200***	
Vocational/technical high chool	0.596***	*0.091*	0.498***	*0.091*	0.249***	*0.084*	0.282***	*0.070*	0.350***	*0.061*	0.229***	*0.056*	0.119**	*0.056*	0.183***	*0.050*	0.236***	
College+	0.508***	*0.093*	0.489***	*0.092*	0.196**	*0.085*	0.258***	*0.071*	0.328***	*0.061*	0.191***	*0.056*	0.052	*0.056*	0.175***	*0.049*	0.193***	
Married	0.159***	*0.030*	0.059**	*0.029*	0.132***	*0.027*	0.094***	*0.023*	-0.115***	*0.021*	-0.079***	*0.019*	-0.082***	*0.018*	-0.070***	*0.016*	-0.076***	
Separated divorce widowed	-0.029	*0.059*	0.034	*0.054*	0.089*	*0.051*	0.028	*0.039*	-0.078**	*0.039*	-0.101***	*0.036*	-0.118***	*0.034*	-0.118***	*0.029*	-0.071**	
High-skill occupations	0.001	*0.039*	-0.034	*0.038*	0.052	*0.033*	-0.034	*0.028*	-0.034	*0.023*	0.022	*0.022*	0.072***	*0.022*	0.028	*0.019*	0.014	
Medium-skill occupations	0.044	*0.027*	0.036	*0.026*	0.065***	*0.024*	0.034*	*0.021*	0.033**	*0.016*	0.073***	*0.016*	0.091***	*0.016*	0.049***	*0.014*	0.030**	
Permanent contract	0.114**	*0.036*	0.132*	*0.069*	0.163***	*0.036*	0.138***	*0.043*	0.081**	*0.038*	0.116***	*0.032*	0.108***	*0.030*	0.119***	*0.025*	0.135***	
Formal job	-0.009	*0.027*	-0.050*	*0.028*	-0.009	*0.027*	-0.079***	*0.024*	-0.082***	*0.021*	-0.065***	*0.020*	-0.028	*0.020*	0.002	*0.019*	-0.063***	
Regular employee	0.159**	*0.064*	0.157**	*0.074*	0.116*	*0.063*	0.165***	*0.050*	0.296***	*0.044*	0.184***	*0.039*	0.083**	*0.038*	0.114***	*0.033*	0.123***	
Industry	0.072	*0.058*	0.057	*0.060*	0.053	*0.059*	0.038	*0.047*	0.125***	*0.041*	0.069*	*0.040*	0.141***	*0.043*	0.116***	*0.038*	0.048	
Service	0.143**	*0.059*	0.117*	*0.060*	0.061	*0.058*	0.065	*0.047*	0.135***	*0.042*	0.106***	*0.040*	0.157***	*0.043*	0.120***	*0.037*	0.062	
cons	2.286***	*0.105*	2.407***	*0.104*	2.760***	*0.093*	(dropped)		(dropped)		(dropped)		3.088***	*0.070*	3.312***	*0.063*	3.053***	
Number of observations	6,523		8,879		7,225		8,431		10,757		14,304		14,427		14,885		15,531	
R2	*0.295*		*0.327*		*0.276*		*0.233*		*0.235*		*0.244*		*0.236*		*0.191*		*0.218*	
Sigma u	*0.564*		*0.567*		*0.524*		*0.500*		*0.499*		*0.528*		*0.499*		*0.418*		*0.475*	
Sigma e	*0.335*		*0.293*		*0.297*		*0.287*		*0.285*		*0.294*		*0.292*		*0.299*		*0.268*	
rho	*0.740*		*0.789*		*0.757*		*0.752*		*0.754*		*0.763*		*0.745*		*0.661*		*0.758*	
Mean of dependent variable	*3.715*		*3.741*		*3.779*		*3.794*		*3.797*		*3.778*		*3.794*		*3.832*		*3.817*	

Figure A1. Age distribution of employees



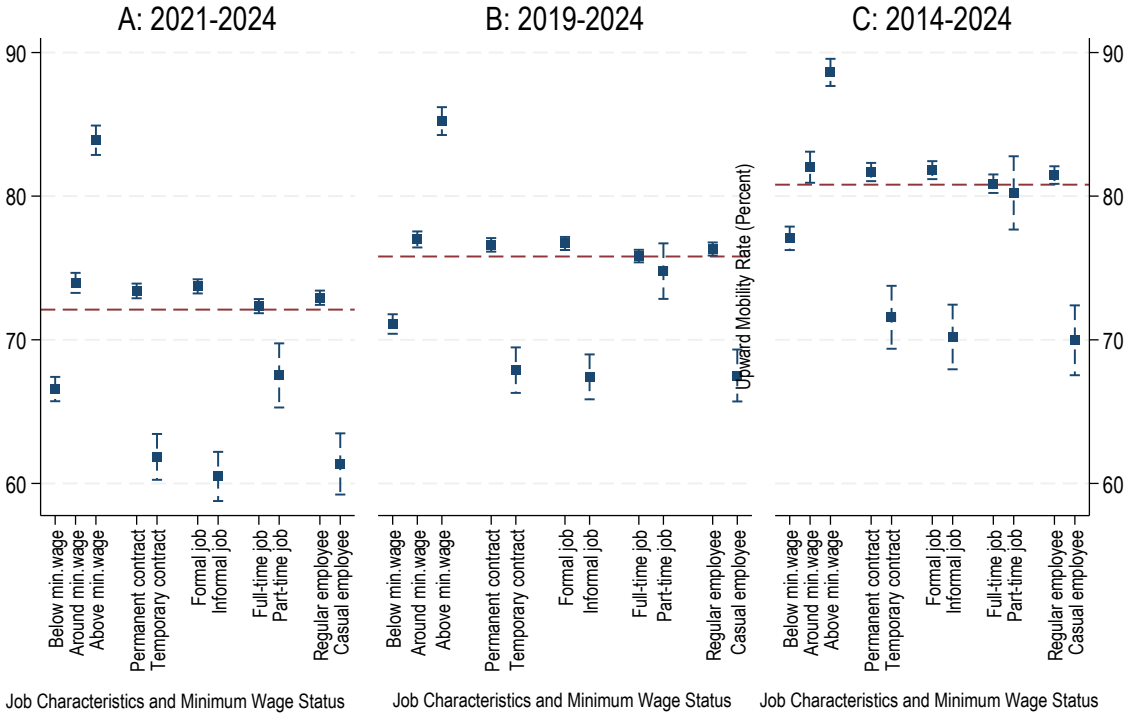
Note: Working individuals include all employees, whether working full-time or part-time.

Figure A2. Age distribution of individuals with positive wage



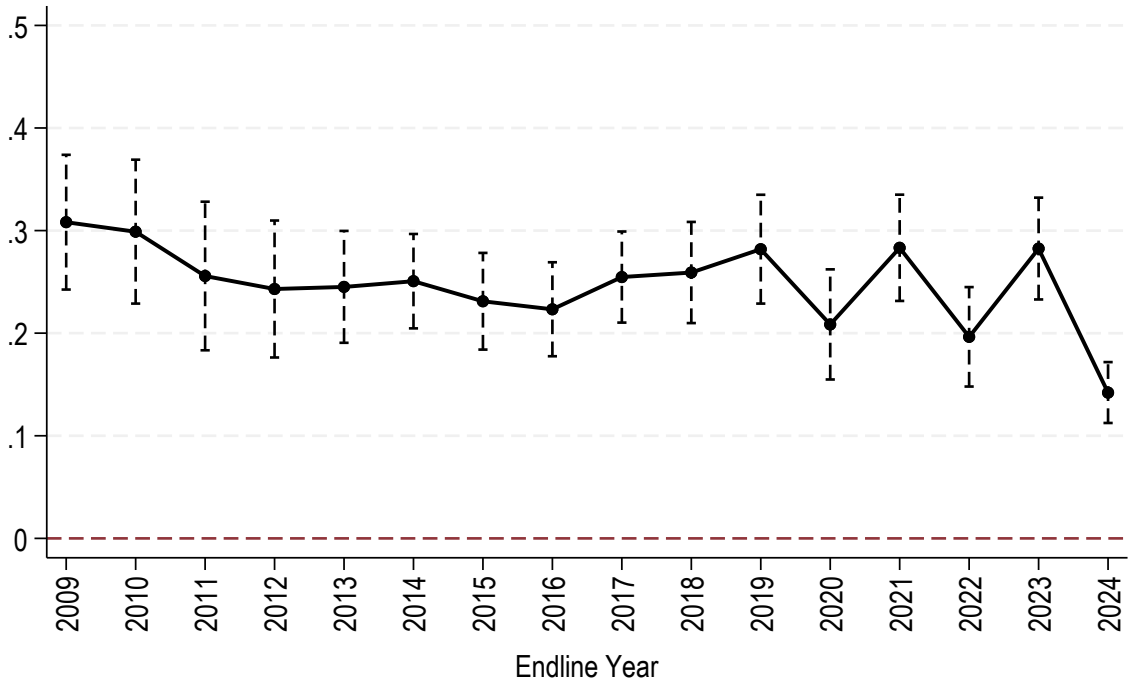
Note: Hourly wage is calculated as total annual income from the main job divided by total annual hours worked, where annual hours are derived from months spent in the main job and usual weekly working hours. The measure includes only employed individuals—those working full-time or part-time—and excludes observations with zero or missing wages.

Figure A3. Conditional probabilities of upward wage mobility by individual characteristics for 3, 5 and 10-year periods, using around-the-minimum wage bandwidth of 80%-120%, Turkiye (percent)



Note: Standard errors are obtained using stratified bootstrap resampling of individuals (100 replications), accounting for sampling weights. Hourly wages are expressed in constant 2018 prices using the consumer price index. Upward mobility is defined as moving from below 60% of median hourly wage (of employees in that year) to above it in the next period. Wage thresholds are anchored to the endline year for each panel. In each baseline year, the sample is restricted to individuals aged 15–55, and this restriction is adjusted accordingly in the endline year. The around–minimum-wage indicator is defined as a dummy variable equal to 1 if an individual's labor income lies between 80 percent and 120 percent of the minimum wage in the corresponding year, and 0 otherwise. Workers with income below 0.8 times the minimum wage are classified as below minimum wage, while those with income above 1.2 times the minimum wage are classified as above minimum wage. Informal employment: a binary indicator equal to 1 if the individual is employed without registration in the social security system in their main job, and 0 if registered. Part-time is defined in terms of working less than 35 hours a week. The dashed lines show the average wage mobility rates of 72.1%, 75.8%, and 80.8% respectively for Panels A, B, and C.

Figure A4. Correlation of upward wage mobility with income mobility, linear model with individual random effects



Note: The figure shows the estimated effect of upward wage mobility on the income mobility, based on linear regressions with random effects. Wage mobility measures mobility relative to the 60%-of-median hourly wage threshold. Incomes refer to the 12 months preceding the survey year and are deflated for the corresponding income reference. Deflators are constructed from the official CPI published by the Turkish Statistical Institute (TurkStat) and are rebased to 2018. Mobility measures are computed within short four-year panels using adjacent year pairs (t, t−1). Upward wage mobility is defined as moving from below 60% of median hourly wage (of employees in that year) to above it in the next period. The dependent variable measures income mobility across quintiles.

Appendix B: Construction of synthetic panels

B.1. Overview

We employ the synthetic-panel methods based on Dang *et al.* (2014) and Dang and Lanjouw (2023a). Recent validations and applications of the synthetic-panel methods for different country contexts ranging from Africa to Asia, Latin America, the Middle East, and Europe have been encouraging in terms of accurate projections of economic status (Ferreira *et al.*, 2012; Beegle *et al.*, 2016; UNDP, 2016; OECD, 2018; Dang *et al.*, 2019; Salvuci and Tarp, 2021; Ghomi, 2022; Colgan, 2023; Dang *et al.*, 2024; Gafa *et al.*, 2024; Rongen *et al.*, 2024; AlAzzawi *et al.*, 2025; Garcés-Urzainqui, 2025). Recent reviews of this method are provided by Dang *et al.* (2019), Dang (2021), Garcés-Urzainqui *et al.* (2021), Colgan (2023), Dang and Lanjouw (2023b), and D'Alberto *et al.* (2025). The construction of synthetic panel data can be particularly useful for mobility analysis in poorer countries, where high-quality panel survey data are rarely available (Iversen *et al.*, 2019).

Let x_{ij} be a vector of household characteristics observed in survey round *j* (j= 1 or 2) that are also observed in the other survey round for individual *i*, i= 1,…, N. These individual characteristics can include such time-invariant variables as ethnicity, religion, language, place of birth, parental education, and other time-varying household characteristics if retrospective questions about the round-1 values of such characteristics are asked in the second round survey. A data prerequisite is that the two survey rounds provide comparable data over time.

To reduce spurious changes due to changes in individual characteristics over time, we usually restrict the estimation samples to a certain age range, say 15 to 55, in the first cross section and adjust this age range accordingly in the second cross section. This restriction also helps ensure certain variables such as individuals' educational attainment remains relatively stable over time (assuming most individuals are finished with their schooling). This 15-55 age range can vary

depending on the cultural and economic factors in each specific setting. Population weights are then employed to provide estimates that represent the whole population.

Then let y_{ij} represent household consumption or income in survey round j, j= 1 or 2. The linear projection of household consumption (or income) on household characteristics for each survey round is given by

$$y_{ij} = \beta_j' x_{ij} + \varepsilon_{ij} \tag{B1}$$

Let z_j be the poverty line in period j. We are interested in knowing the unconditional measures of poverty mobility such as

$$P(y_{i1} < z_1 \; and \; y_{i2} > z_2) \tag{B2}$$

which represents the percentage of households that are poor in the first survey round (year) but nonpoor in the second survey round, or the conditional measures such as

$$P(y_{i2} > z_2 | \; y_{i1} < z_1) \tag{B3}$$

which represents the percentage of poor households in the first round that escape poverty in the second round.

If true panel data were available, we could straightforwardly estimate the quantities in (B2) and (B3); but in the absence of such data, we can use synthetic panels to study mobility. To operationalize the framework, we make two standard assumptions. First, we assume that the underlying population being sampled in survey rounds 1 and 2 are identical such that their time-invariant characteristics remain the same over time. More specifically, coupled with Equation (B1), this implies the conditional distribution of expenditure in a given period is identical whether it is conditional on the given household characteristics in period 1 or period 2 (i.e., $x_{i1} = x_{i2}$ implies $y_{i1}|x_{i1}$ and $y_{i1}|x_{i2}$ have identical distributions) (Assumption 1). Second, we assume that

ε_{i1} and ε_{i2} have a bivariate normal distribution with positive correlation coefficient ρ and standard deviations σ_{ϵ_1} and σ_{ϵ_2} respectively (Assumption 2). Quantity (B2) can be estimated by

$$P(y_{i1} < z_1 \; and \; y_{i2} > z_2) = \Phi_2\left(\frac{z_1-\beta_1' x_{i2}}{\sigma_{\varepsilon_1}}, -\frac{z_2-\beta_2' x_{i2}}{\sigma_{\varepsilon_2}}, -\rho\right) \quad \text{(B4)}$$

where $\Phi_2(.)$ stands for the bivariate normal cumulative distribution function (cdf), and $\phi_2(.)$ stands for the bivariate normal probability density function (pdf). Note that in Equation (B1), the estimated parameters obtained from data in both survey rounds are applied to data from the second survey round (x_2) (or the base year) for prediction, but we can use data from the first survey round as the base year as well. It is straightforward to estimate quantity (B3) by dividing quantity (B4) by $\Phi\left(\frac{z_1-\beta_1' x_{i2}}{\sigma_{\varepsilon_1}}\right)$, where $\Phi(.)$ stands for the univariate normal cumulative distribution function (cdf).

In Equation (B4), the parameters β_j and σ_{ε_j} are estimated from Equation (1), and ρ can be estimated using an approximation of the correlation of the cohort-aggregated household consumption between the two surveys ($\rho_{y_{c1}y_{c2}}$). In particular, given an approximation of $\rho_{y_{c1}y_{c2}}$, where c indexes the cohorts constructed from the household survey data, the partial correlation coefficient ρ can be estimated by

$$\rho = \frac{\rho_{y_{i1}y_{i2}}\sqrt{var(y_{i1})var(y_{i2})}-\beta_1' var(x_i)\beta_2}{\sigma_{\varepsilon_1}\sigma_{\varepsilon_2}} \quad \text{(B5)}$$

An alternative way to estimate ρ is to further assume that there is a cohort fixed effect in the error terms and aggregate all the time-invariant variables to the cohort level and use the following equation

$$y_{cj} = \beta_j' x_{cj} + \varepsilon_{cj} \quad \text{(B6)}$$

where the error term ε_{cj} includes a cohort fixed effect τ_c and the error ν_{cj}.

In this study, we define cohorts as individuals' ages interacted with their educational levels (including the following levels "Illiterate", "Literate but no school", "Primary school", "Middle/Basic school", "General high school", "Vocational/ Technical high school", and "College or higher").[10] While it is useful to employ an approximate value for $\rho_{y_{c1}y_{c2}}$ when constructing the synthetic panels in most practical contexts, this parameter may be inconsistent even in large samples (Moreno *et al.*, 2021; D'Alberto *et al.*, 2025). It can be useful to compare different estimates for ρ, using Equations (B5) and (B6). Similar estimation values using the two different approaches can provide supportive evidence. We provide estimates for ρ using both approaches in Table B7.[11]

B.2. Comparing mobility estimates using synthetic panels and actual panels

Using the actual panels, Figure B1 shows upward wage mobility estimates and their 95% confidence intervals (CI) (the "true estimates") (brown line). This figure also shows the estimates using the synthetic panels (blue line). We define upward wage mobility as moving from below 60% of the median hourly wage to above it in the next period. Wage thresholds are anchored in the first year and applied consistently across subsequent years.

The synthetic panel estimates fall inside the 95% CIs around the true estimates for the majority (three-fourths) of the 16 time periods under consideration during 2009-2024, except for four time periods ending in 2013, 2019, 2020, 2022, and 2023. A similar result holds for chronic low wage (Figure B2). However, these results are based on the assumption that the distributions of the

[10] We note that extra caution should be taken, together with country-specific knowledge, when defining cohorts (Herault and Jenkins, 2019; Garcés-Urzainqui *et al.*, 2021; Colgan, 2023; D'Alberto *et al.*, 2025). Our definition of cohorts follow that in AlAzzawi *et al.* (2025), who analyze survey data from various countries in the Middle East.

[11] D'Alberto *et al.* (2025) provide the analytical bias for this parameter. Yet, simulation results by Dang and Lanjouw (2023a) suggest that estimates on poverty dynamics remain robust even when there is considerable bias (of up to $\pm 30\%$) for ρ, which is an intermediate input in the estimation of poverty mobility.

variables of interest in the cross-sectional data and the panel data are the same. Unfortunately, our earlier analysis shows that this assumption does not hold (Appendix A, Table A3).

In particular, the distributions of several key variables in the panel and cross-sectional components are statistically significant in a number of years (Appendix A, Table A3). For example, hourly wages are statistically different in all the years from 2009 to 2020. Household sizes are strongly statistically different during 2009-2012. Tables B1, B2, and B3 further compare the distributions of key variables that we employ in constructing the synthetic panels for all the 3-year pairs, 5-year pairs, and 10-year pairs. Tables B4, B5, and B6 provide the estimation results for Equation (B1) for all the 3-year pairs, 5-year pairs, and 10-year pairs.

Consequently, this exercise provides some tentative comparison of mobility estimates using the actual panel data and the synthetic panel data in the context of Turkiye. Further validation of synthetic panel methods is provided in other studies discussed above.

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Table B1. Summary statistics for 3-year pairs, 2006-2024

	2006-2009			2007-2010			2008-2011			2009-2012			2010-2013			2011-2014			2012-2015			2013-2016			2014-2017		
	2006	2009	Differences	2007	2010	Differences	2008	2011	Differences	2009	2012	Differences	2010	2013	Differences	2011	2014	Differences	2012	2015	Differences	2013	2016	Differences	2014	2017	Differences
Log of hourly wage	2.309272	2.406191	0.097***	2.323789	2.41008	0.086***	2.376749	2.414807	0.038***	2.406191	2.415574	0.009	2.41008	2.468848	0.059***	2.414807	2.501831	0.087***	2.415574	2.524851	0.109***	2.468848	2.56509	0.096***	2.501831	2.612548	0.111***
	0.00777	0.007538	0.010825	0.007407	0.007303	0.010401	0.007139	0.00647	0.00958	0.007538	0.005902	0.009328	0.007303	0.005435	0.008755	0.00647	0.004952	0.007906	0.005902	0.004942	0.0076	0.005435	0.004858	0.007262	0.004952	0.004547	0.006715
Female	0.208886	0.236044	0.027***	0.215949	0.234268	0.018**	0.222326	0.237586	0.015**	0.236044	0.249424	0.013**	0.234268	0.258299	0.024***	0.237586	0.26031	0.023***	0.249424	0.275028	0.026***	0.258299	0.283627	0.025***	0.26031	0.282189	0.022***
	0.005224	0.005171	0.007355	0.005202	0.00507	0.007261	0.005056	0.004489	0.006711	0.005171	0.004154	0.006489	0.00507	0.003905	0.006194	0.004489	0.003625	0.005647	0.004154	0.003664	0.005498	0.003905	0.003674	0.005362	0.003625	0.003665	0.005166
Age 15-19	0.068941	0.056833	-0.012***	0.06176	0.053961	-0.008*	0.059452	0.047948	-0.012***	0.056833	0.044223	-0.013***	0.053961	0.043529	-0.010***	0.047948	0.042253	-0.006**	0.044223	0.038682	-0.006**	0.043529	0.040792	-0.003	0.042253	0.032713	-0.010***
	0.003256	0.002819	0.004286	0.003043	0.002705	0.004057	0.002875	0.002253	0.003587	0.002819	0.001974	0.003296	0.002705	0.00182	0.003078	0.002253	0.001662	0.002701	0.001974	0.001582	0.002486	0.00182	0.001612	0.002421	0.001662	0.001449	0.002199
Age 20-24	0.1227	0.107808	-0.015***	0.113819	0.09988	-0.014***	0.109993	0.093606	-0.016***	0.107808	0.096496	-0.011**	0.09988	0.097931	-0.002	0.093606	0.101646	0.008**	0.096496	0.098071	0.002	0.097931	0.096743	-0.001	0.101646	0.098073	-0.004
	0.004216	0.003776	0.005641	0.004015	0.003589	0.005368	0.003804	0.003072	0.004813	0.003776	0.002835	0.004571	0.003589	0.002652	0.004286	0.003072	0.002497	0.003878	0.002835	0.00244	0.003704	0.002652	0.002409	0.003574	0.002497	0.002422	0.003481
Age 25-29	0.191356	0.189797	-0.002	0.193745	0.19271	-0.001	0.195738	0.192191	-0.004	0.189797	0.18435	-0.005	0.19271	0.178793	-0.014**	0.192191	0.169028	-0.023***	0.18435	0.167951	-0.016***	0.178793	0.16391	-0.015***	0.169028	0.158423	-0.011**
	0.005055	0.004775	0.006945	0.004996	0.004722	0.006864	0.004824	0.004156	0.006303	0.004775	0.003723	0.005896	0.004722	0.003418	0.005577	0.004156	0.003096	0.005008	0.003723	0.003067	0.004754	0.003418	0.003017	0.004538	0.003096	0.002973	0.004294
Age 30-34	0.185	0.184261	-0.001	0.180316	0.191795	0.011*	0.186567	0.189689	0.003	0.184261	0.190687	0.006	0.191795	0.192627	0.001	0.189689	0.186855	-0.003	0.190687	0.190948	0	0.192627	0.182368	-0.010**	0.186855	0.175596	-0.011**
	0.004499	0.004721	0.006861	0.00486	0.004713	0.006766	0.004737	0.004135	0.006232	0.004721	0.003772	0.005906	0.004713	0.003518	0.005659	0.004135	0.003221	0.0051	0.003772	0.003225	0.00491	0.003518	0.003147	0.004703	0.003221	0.003098	0.004471
Age 35-39	0.16038	0.163812	0.003	0.158755	0.161023	0.002	0.157305	0.160138	0.003	0.163812	0.158824	-0.005	0.161023	0.160763	0	0.160138	0.16468	0.005	0.158824	0.164885	0.006	0.160763	0.172881	0.012***	0.16468	0.175206	0.011**
	0.004715	0.004506	0.006518	0.00462	0.0044	0.006372	0.004427	0.003868	0.005827	0.004506	0.00351	0.005561	0.0044	0.003277	0.005277	0.003868	0.003064	0.004815	0.00351	0.003044	0.004604	0.003277	0.003082	0.004499	0.003064	0.003096	0.004365
Age 40-44	0.121703	0.134462	0.013**	0.1322	0.137652	0.005	0.134702	0.144922	0.010*	0.134462	0.144416	0.010*	0.137652	0.143757	0.006	0.144922	0.139435	-0.005	0.144416	0.141904	-0.003	0.143757	0.141944	-0.002	0.139435	0.143713	0.004
	0.004201	0.004154	0.005912	0.004282	0.004124	0.00594	0.004151	0.003713	0.005531	0.004154	0.003375	0.005245	0.004124	0.00313	0.004998	0.003713	0.002862	0.004554	0.003375	0.002863	0.004375	0.00313	0.002844	0.004219	0.002862	0.002857	0.00405
Age 45-49	0.089427	0.091865	0.002	0.088729	0.091538	0.003	0.086155	0.096582	0.010**	0.091865	0.099935	0.008*	0.091538	0.101613	0.010**	0.096582	0.108085	0.012***	0.099935	0.104129	0.004	0.101613	0.103751	0.002	0.108085	0.110336	0.002
	0.003667	0.003517	0.005078	0.003595	0.003452	0.004979	0.003412	0.003115	0.004597	0.003517	0.00288	0.00446	0.003452	0.002695	0.004225	0.003115	0.002565	0.003962	0.00288	0.002506	0.003784	0.002695	0.002485	0.003661	0.002565	0.002551	0.003623
Age 50-54	0.043099	0.050422	0.007*	0.048599	0.050307	0.002	0.049917	0.052961	0.003	0.050422	0.057202	0.007**	0.050307	0.05604	0.006*	0.052961	0.059974	0.007**	0.057202	0.064303	0.007**	0.05604	0.060845	0.011***	0.059974	0.070923	0.011***
	0.00261	0.002664	0.003737	0.002718	0.002617	0.00377	0.002648	0.002362	0.003523	0.002664	0.00223	0.003421	0.002617	0.002052	0.003229	0.002362	0.001962	0.003019	0.00223	0.002012	0.002989	0.002052	0.002035	0.002902	0.001962	0.00209	0.002877
Head	0.5888	0.562293	-0.027***	0.57108	0.570621	0	0.573321	0.572303	-0.001	0.562293	0.556663	-0.006	0.570621	0.544161	-0.026***	0.572303	0.536916	-0.035***	0.556663	0.532361	-0.024***	0.544161	0.530038	-0.014**	0.536916	0.534964	-0.002
	0.006323	0.006041	0.008738	0.006256	0.005926	0.008605	0.006014	0.005218	0.007887	0.006041	0.00477	0.007509	0.005926	0.004443	0.007133	0.005218	0.00412	0.006483	0.00477	0.004094	0.006222	0.004443	0.004068	0.006012	0.00412	0.004062	0.005792
Individual: Literate no school	0.034561	0.028772	-0.006*	0.029981	0.026586	-0.003	0.030912	0.02764	-0.003	0.028772	0.028354	0	0.026586	0.029435	0.003	0.02764	0.029104	0.001	0.028354	0.031098	0.003	0.029435	0.03026	0.001	0.029104	0.030639	0.002
	0.002347	0.002035	0.003092	0.002156	0.001926	0.002881	0.002104	0.001729	0.002685	0.002035	0.001594	0.002519	0.001926	0.001508	0.002375	0.001729	0.001389	0.002169	0.001594	0.001424	0.002125	0.001508	0.001396	0.002053	0.001389	0.001403	0.001978
Individual: Primary	0.379158	0.320358	-0.059***	0.366701	0.305863	-0.061***	0.348707	0.304614	-0.044***	0.320358	0.297908	-0.022***	0.305863	0.283589	-0.022***	0.304614	0.274915	-0.030***	0.297908	0.253691	-0.044***	0.283589	0.24064	-0.043***	0.274915	0.245845	-0.029***
	0.006235	0.005682	0.008413	0.006092	0.005516	0.008194	0.005795	0.004854	0.007465	0.005682	0.004391	0.006982	0.005516	0.004021	0.006539	0.004854	0.003689	0.005909	0.004391	0.00357	0.005569	0.004021	0.003484	0.005288	0.003689	0.003506	0.005089
Individual: Middle/Basic	0.146096	0.150532	0.004	0.147849	0.163515	0.016**	0.154271	0.162613	0.008	0.150532	0.162188	0.012**	0.163515	0.171533	0.008	0.162613	0.175544	0.013***	0.162188	0.17849	0.016***	0.171533	0.178052	0.007	0.175544	0.175919	0
	0.004539	0.004354	0.006286	0.004487	0.004427	0.006303	0.004392	0.003892	0.005824	0.004354	0.003539	0.005499	0.004427	0.003363	0.005367	0.003892	0.003142	0.004896	0.003539	0.003142	0.004701	0.003363	0.003118	0.004581	0.003143	0.003101	0.004421
Individual: General HS	0.12476	0.131633	0.007	0.127613	0.128917	0.001	0.131209	0.123026	-0.008	0.131633	0.116498	-0.015***	0.128917	0.114596	-0.014***	0.123026	0.117346	-0.006	0.116498	0.116819	0	0.114596	0.113187	-0.001	0.117346	0.115894	-0.001
	0.004246	0.004117	0.005914	0.004218	0.004012	0.005814	0.004105	0.003464	0.005308	0.004117	0.00308	0.004975	0.004012	0.002842	0.004685	0.003464	0.002659	0.00424	0.00308	0.002635	0.004011	0.002842	0.002582	0.00383	0.002659	0.002607	0.003727
Individual: Voc/Tech HS	0.116468	0.132038	0.016***	0.122192	0.133148	0.011*	0.124355	0.129636	0.005	0.132038	0.125551	-0.006	0.133148	0.126908	-0.006	0.129636	0.118802	-0.011**	0.125551	0.115365	-0.010**	0.126908	0.117102	-0.010**	0.118802	0.116562	-0.002
	0.004122	0.004122	0.005836	0.00414	0.004067	0.005802	0.004012	0.003543	0.00531	0.004122	0.003181	0.005062	0.004067	0.00297	0.004826	0.003543	0.002673	0.004297	0.003181	0.002621	0.004062	0.00297	0.00262	0.003742	0.002673	0.002613	0.003742
Individual: College+	0.177691	0.221307	0.044***	0.184413	0.228273	0.040***	0.193	0.236891	0.044***	0.221307	0.251656	0.030***	0.228273	0.25874	0.030***	0.236891	0.269324	0.032***	0.251656	0.289028	0.037***	0.25874	0.296561	0.038***	0.269324	0.303728	0.034***
	0.004912	0.005055	0.007065	0.004943	0.005025	0.007055	0.004799	0.004484	0.006548	0.005055	0.004167	0.006434	0.005025	0.003903	0.006168	0.004484	0.003665	0.005679	0.004167	0.003719	0.005551	0.003903	0.003758	0.005428	0.003665	0.003745	0.005252
Mother: Literate no school	0.100236	0.114033	0.014	0.121788	0.115615	-0.006	0.120947	0.119634	-0.001	0.114033	0.131513	0.017*	0.115615	0.118543	0.003	0.119634	0.106032	-0.014*	0.131513	0.092969	-0.039***	0.118543	0.08304	-0.036***	0.106032	0.095726	-0.01
	0.006904	0.007161	0.009955	0.007302	0.007338	0.010368	0.007219	0.006538	0.009695	0.007161	0.006115	0.009285	0.007338	0.005512	0.008831	0.006538	0.004889	0.007913	0.006115	0.004648	0.007533	0.005512	0.004421	0.006996	0.004889	0.004747	0.006815
Mother: Primary	0.4224	0.424628	0.002	0.425962	0.432566	0.007	0.41477	0.431443	0.017	0.424628	0.430377	0.006	0.432566	0.467191	0.035**	0.431443	0.463957	0.033***	0.430377	0.467665	0.037***	0.467191	0.476861	0.01	0.463957	0.476153	0.012
	0.011356	0.011136	0.015903	0.011041	0.011369	0.015858	0.010908	0.009978	0.014722	0.011136	0.008959	0.013979	0.011369	0.008508	0.013654	0.009978	0.007919	0.012474	0.008959	0.007986	0.011949	0.008508	0.008002	0.011698	0.007919	0.008058	0.011298
Mother: Middle/Basic	0.022304	0.046433	0.024***	0.025571	0.039426	0.014**	0.033747	0.043283	0.010*	0.046433	0.040349	-0.006	0.039426	0.034985	-0.004	0.043283	0.034964	-0.008*	0.040349	0.034209	-0.006	0.034985	0.043374	0.008*	0.034964	0.04943	0.014***
	0.003395	0.004754	0.005862	0.003524	0.004466	0.00565	0.003998	0.0041	0.005729	0.004741	0.003561	0.005746	0.004466	0.003133	0.005185	0.0041	0.002917	0.004836	0.003561	0.002913	0.004543	0.003133	0.003263	0.004565	0.002917	0.003498	0.004553
Mother: General HS	0.024939	0.027841	0.003	0.022044	0.018995	-0.003	0.018517	0.02883	0.010**	0.027841	0.020328	-0.008*	0.018995	0.023702	0.005	0.02883	0.024275	-0.005	0.020328	0.031225	0.011***	0.023702	0.031894	0.008**	0.024275	0.031718	0.007**
	0.003585	0.003707	0.00516	0.003278	0.003133	0.00455	0.002985	0.003371	0.004522	0.003707	0.002554	0.004313	0.003133	0.002594	0.003984	0.003371	0.002444	0.004015	0.002554	0.002784	0.003833	0.002594	0.002815	0.003874	0.002444	0.002828	0.003736
Mother: Voc/Tech HS	0.022517	0.028969	0.006	0.021699	0.026563	0.005	0.018549	0.019927	0.001	0.028969	0.01916	-0.010**	0.026563	0.019465	-0.007*	0.019927	0.018246	-0.002	0.01916	0.019901	0.001	0.019465	0.019329	0	0.018246	0.021013	0.003
	0.003411	0.003779	0.005099	0.003253	0.00369	0.004905	0.002987	0.002815	0.004093	0.003779	0.002481	0.004305	0.00369	0.002356	0.004092	0.002815	0.002125	0.003425	0.002481	0.002235	0.003328	0.002356	0.002206	0.003231	0.002125	0.002314	0.003142
Mother: College+	0.01411	0.015809	0.002	0.01468	0.022892	0.008*	0.01816	0.018134	0	0.015809	0.019122	0.003	0.022892	0.015127	-0.008**	0.018134	0.015133	-0.003	0.019122	0.012768	-0.006**	0.015127	0.018953	0.004	0.015133	0.021458	0.006**
	0.002712	0.00281	0.003908	0.002685	0.003432	0.004326	0.002956	0.002688	0.003978	0.00281	0.002478	0.00371	0.003432	0.002081	0.003719	0.002688	0.002478	0.003793	0.002478	0.001797	0.002989	0.002081	0.002185	0.003046	0.001939	0.002238	0.003036
Mother: Agriculture & Mining	0.093874	0.080386	-0.013	0.093642	0.080749	-0.013	0.103642	0.091897	-0.012	0.080386	0.096937	0.017**	0.080749	0.093374	0.013	0.091897	0.097347	0.005	0.096937	0.086993	-0.01	0.093374	0.082218	-0.011*	0.097347	0.072051	-0.025***
	0.0067	0.006126	0.009067	0.006501	0.006252	0.009049	0.006745	0.00582	0.008851	0.006126	0.005354	0.008047	0.006252	0.004961	0.007757	0.00582	0.004707	0.007353	0.005354	0.004508	0.00693	0.004961	0.004399	0.006612	0.004707	0.004171	0.00629
Mother: Industry	0.021783	0.022206	0	0.018665	0.030486	0.012**	0.020172	0.02377	0.004	0.022206	0.022278	0	0.030486	0.023134	-0.007*	0.02377	0.024649	0.001	0.022278	0.02575	0.003	0.023134	0.028644	0.006	0.024649	0.030614	0.006
	0.003353	0.00332	0.004719	0.00302	0.003945	0.004928	0.003111	0.003069	0.004365	0.00332	0.002671	0.004167	0.003945	0.002563	0.00441	0.003069	0.002462	0.00386	0.002671	0.002533	0.003687	0.002563	0.002671	0.003735	0.002462	0.002779	0.003712
Mother: Trade/Transport/Hospitality	0.034983	0.039317	0.004	0.032567	0.060064	0.027***	0.038095	0.053604	0.016**	0.039317	0.059805	0.020***	0.060064	0.073039	0.013*	0.053604	0.068429	0.015**	0.059805	0.068873	0.009	0.073039	0.077363	0.004	0.068429	0.073915	0.005
	0.004221	0.004379	0.006086	0.003961	0.005452	0.006673	0.004236	0.004537	0.006221	0.004379	0.004291	0.006158	0.005452	0.004436	0.006864	0.004537	0.004009	0.006039	0.004291	0.00405	0.005907	0.004436	0.004279	0.006184	0.004009	0.00422	0.00582
Father: Literate no school	0.11371	0.088194	-0.026**	0.108611	0.095278	-0.013	0.097751	0.079722	-0.018*	0.088194	0.075167	-0.013	0.095278	0.078778	-0.016*	0.079722	0.085286	0.006	0.075167	0.07929	0.004	0.078778	0.073762	-0.005	0.085286	0.068041	-0.017**
	0.008272	0.007219	0.010951	0.007911	0.007561	0.01096	0.00739	0.006237	0.009621	0.007219	0.005466	0.008797	0.007561	0.005251	0.008752	0.006237	0.005092	0.007943	0.005466	0.004989	0.007395	0.005251	0.004793	0.007114	0.005092	0.004605	0.00686
Father: College+	0.597017	0.583798	-0.013	0.582363	0.585709	0.003	0.58997	0.591748	0.002	0.583798	0.616826	0.033**	0.585709	0.599488	0.014	0.591748	0.606186	0.014	0.616826	0.591904	-0.025*	0.599488	0.576487	-0.023*	0.606186	0.575592	-0.031**
	0.01278	0.012549	0.017913	0.012539	0.012685	0.017843	0.012239	0.011318	0.016624	0.012549	0.010078	0.015748	0.012685	0.009551	0.015303	0.011318	0.008907	0.014116	0.010078	0.009075	0.013534	0.009551	0.009061	0.013214	0.008907	0.009039	0.012695
Father:=Middle/Basic	0.08382	0.087264	0.003	0.081185	0.091054	0.01	0.077666	0.096094	0.019**	0.087264	0.090755	0.003	0.091054	0.099945	0.009	0.096094	0.101177	0.004	0.090755	0.096252	0.005	0.099945	0.124819	0.025***	0.101177	0.120238	0.019**
	0.00722	0.007185	0.01019	0.006944	0.007408	0.010146	0.00666	0.006805	0.009521	0.007185	0.005955	0.009166	0.007408	0.005846	0.009168	0.006805	0.005498	0.008614	0.005955	0.005446	0.008065	0.005846	0.006061	0.008512	0.005498	0.005948	0.008108
Father:=General HS	0.033245	0.048772	0.016**	0.033223	0.043967	0.011	0.044105	0.053293	0.009	0.048772	0.046208	-0.003	0.043967	0.053354	0.009	0.053293	0.051554	-0.002	0.046208	0.053434	0.007	0.053354	0.051428	-0.002	0.051554	0.053738	0.002
	0.004671	0.005483	0.007233	0.004557	0.00528	0.006957	0.005109	0.005172	0.007268	0.005483	0.004352	0.00684	0.00528	0.004381	0.006722	0.005172	0.004031	0.006416	0.004352	0.004153	0.006037	0.004381	0.00405	0.005976	0.004031	0.004124	0.00577
Father:=Voc/Tech HS	0.040541	0.051776	0.011**	0.054828	0.05972	0.005	0.053231	0.06369	0.01	0.057276	0.053243	-0.004	0.05972	0.065482	0.005	0.06369	0.068257	0.004	0.053243	0.045062	-0.008	0.065482	0.049557	0.005	0.047837	0.05918	0.011*
	0.005139	0.005916	0.007865	0.005788	0.006105	0.008408	0.005586	0.005623	0.007922	0.005916	0.004654	0.007346	0.006105	0.004424	0.007219	0.005623	0.003891	0.006552	0.004654	0.00383	0.005962	0.004424	0.00398	0.005947	0.003891	0.004315	0.005818
Father:=College+	0.049533	0.063249	0.014	0.058411	0.06372	0.005	0.052092	0.05179	0	0.063249	0.057271	-0.006	0.06372	0.052821	-0.011	0.05179	0.042157	-0.01	0.057271	0.058582	0.001	0.052821	0.055606	0.003	0.042157	0.059173	0.017***
	0.005653	0.006197	0.00841	0.005963	0.00629	0.008662	0.005529	0.005103	0.007503	0.006197	0.004817	0.007649	0.00629	0.00436	0.007274	0.005103	0.003663	0.006058	0.004817	0.004336	0.006467	0.00436	0.004202	0.006085	0.003663	0.004315	0.005671
Father: Agriculture & Mining	0.117158	0.11507	-0.002	0.115107	0.114716	0	0.116258	0.118799	0.003	0.11507	0.122935	0.008	0.114716	0.124447	0.01	0.118799	0.111931	-0.007	0.122935	0.101686	-0.021**	0.124447	0.093363	-0.031***	0.111931	0.083633	-0.028***
	0.008374	0.008118	0.011661	0.008099	0.008206	0.011534	0.007956	0.007446	0.010873	0.008118	0.006807	0.010421	0.008206	0.006433	0.010118	0.007446	0.005747	0.009186	0.006807	0.00657	0.008694	0.006433	0.005331	0.008296	0.005747	0.005062	0.00765
Father: Industry	0.112513	0.130954	0.018	0.094241	0.132881	0.039***	0.148821	0.151788	0.003	0.130954	0.158544	0.028**	0.132881	0.168472	0.036***	0.151788	0.173226	0.021*	0.158544	0.164287	0.006	0.168472	0.18338	0.015	0.173226	0.194429	0.022**
	0.008228	0.008583	0.011907	0.007414	0.008741	0.011427	0.008835	0.008258	0.012065	0.008583	0.007572	0.011327	0.008741	0.007294	0.011166	0.008258	0.007572	0.010644	0.007572	0.006829	0.010178	0.007294	0.00709	0.010231	0.007236	0.007236	0.009995
Father: Public & Social Services	0.322546	0.247266	-0.075***	0.31908	0.274951	-0.044***	0.271972	0.279418	0.007	0.247266	0.265409	0.018	0.274951	0.267646	-0.007	0.279418	0.265335	-0.014	0.265409	0.286519	0.021*	0.267646	0.286614	0.019	0.265335	0.281119	0.016
	0.012171	0.010976	0.016359	0.011828	0.011498	0.016518	0.011045	0.010327	0.015086	0.010976	0.009153	0.014048	0.011498	0.008628	0.013846	0.010327	0.008047	0.012809	0.009153	0.008333	0.012367	0.008628	0.008285	0.012019	0.008047	0.00822	0.011509
Bati Marmara	0.047885	0.044905	-0.003	0.047929	0.046766	-0.001	0.04417	0.04339	-0.001	0.044905	0.044122	-0.001	0.046766	0.044915	-0.002	0.04339	0.043137	0	0.044122	0.041591	-0.003	0.044915	0.043264	-0.002	0.043137	0.043156	0
	0.002744	0.002522	0.003718	0.0027	0.002528	0.003692	0.002498	0.002149	0.003262	0.002522	0.001972	0.003118	0.002528	0.001848	0.003001	0.002149	0.001679	0.002654	0.001972	0.001638	0.002529	0.001848	0.001658	0.002474	0.001679	0.001655	0.00236
Ege	0.136961	0.148448	0.011*	0.141124	0.145129	0.004	0.144074	0.142743	-0.001	0.148448	0.139377	-0.009*	0.145129	0.13975	-0.005	0.142743	0.135668	-0.007	0.139377	0.133737	-0.006	0.13975	0.132826	-0.007*	0.135668	0.133939	-0.002
	0.004418	0.004329	0.006187	0.004401	0.004217	0.006089	0.00427	0.003689	0.005588	0.004329	0.003325	0.005303	0.004217	0.003093	0.005016	0.003689	0.002829	0.004513	0.003325	0.002793	0.004288	0.003093	0.002766	0.004134	0.002829	0.002773	0.003966
Dogu Marmara	0.111375	0.110263	-0.001	0.109942	0.10711	-0.003	0.111456	0.110721	-0.008	0.110263	0.106342	-0.004	0.10711	0.116155	0.009**	0.110721	0.109737	0.006	0.106342	0.111378	0.005	0.116155	0.111747	-0.004	0.109737	0.113059	0.003
	0.004043	0.003814	0.005551	0.003954	0.003702	0.005407	0.003826	0.003216	0.004937	0.003814	0.00296	0.004697	0.003702	0.002858	0.004529	0.003216	0.002582	0.004033	0.00296	0.002581	0.003894	0.002858	0.002568	0.003829	0.002582	0.002579	0.003655
Bati Anadolu	0.102725	0.111598	0.009	0.105842	0.11456	0.009	0.110393	0.109611	-0.001	0.111598	0.110319	-0.001	0.11456	0.107067	-0.007*	0.109611	0.111124	0.002	0.110319	0.112944	0.003	0.107067	0.113495	0.006*	0.111124	0.112811	0.002
	0.003901	0.003834	0.005472	0.003889	0.003813	0.005445	0.00381	0.003295	0.004988	0.003834	0.003008	0.00475	0.003813	0.002758	0.004502	0.003295	0.002597	0.00409	0.003008	0.002597	0.003936	0.002758	0.002585	0.00378	0.002597	0.002576	0.003663
Akdeniz	0.11262	0.114963	0.002	0.118862	0.118092	-0.001	0.116681	0.118474	0.002	0.114963	0.123308	0.008*	0.118092	0.115913	-0.002	0.118474	0.114037	-0.004	0.123308	0.116306	-0.007*	0.115913	0.113236	-0.003	0.114037	0.11541	0.001
	0.004062	0.003884	0.005616	0.004091	0.003863	0.005618	0.003904	0.003408	0.005136	0.003884	0.003157	0.004905	0.003863	0.002856	0.004614	0.003408	0.002626	0.00418	0.003157	0.00263	0.004054	0.002856	0.002583	0.003839	0.002626	0.002602	0.003702
Orta Anadolu	0.048696	0.041115	-0.008**	0.046821	0.043578	-0.003	0.044429	0.045908	0.001	0.041115	0.048946	0.004	0.043578	0.044016	0	0.045908	0.043598	-0.002	0.048946	0.042488	-0.002	0.044016	0.042265	-0.002	0.043598	0.041989	-0.002
	0.002766	0.002418	0.003658	0.00267	0.002444	0.003611	0.002505

	2015-2018			2016-2019			2017-2020			2018-2021			2019-2022			2020-2023			2021-2024		
	2015	2018	Differences	2016	2019	Differences	2017	2020	Differences	2018	2021	Differences	2019	2022	Differences	2020	2023	Differences	2021	2024	Differences
Log of hourly wage	2.524851	2.619381	0.095***	2.56509	2.616714	0.052***	2.612548	2.677528	0.065***	2.619381	2.69279	0.073***	2.616714	2.715493	0.099***	2.677528	2.760676	0.083***	2.69279	3.028954	0.336***
	0.004942	0.004356	0.006568	0.004858	0.00432	0.006487	0.004547	0.004202	0.006187	0.004356	0.004133	0.005999	0.00432	0.003882	0.005793	0.004202	0.00401	0.005822	0.004133	0.00404	0.005791
Female	0.275028	0.287846	0.013**	0.283627	0.30096	0.017***	0.282189	0.29069	0.009*	0.287846	0.298053	0.010**	0.30096	0.304358	0.003	0.29069	0.309994	0.019***	0.298053	0.317999	0.020***
	0.003664	0.003606	0.005147	0.003674	0.003633	0.005167	0.003665	0.003619	0.00515	0.003606	0.003522	0.00504	0.003633	0.003461	0.00502	0.003619	0.00358	0.005113	0.003522	0.0035	0.004979
Age 15-19	0.038682	0.028963	-0.010***	0.040792	0.030396	-0.010***	0.032713	0.021475	-0.011***	0.028963	0.020599	-0.008***	0.030396	0.025835	-0.005**	0.021475	0.024075	0.003	0.020599	0.024813	0.004***
	0.001582	0.001336	0.002061	0.001612	0.00136	0.002102	0.001449	0.001155	0.001849	0.001336	0.001094	0.001719	0.00136	0.001193	0.001802	0.001155	0.00118	0.001667	0.001094	0.001169	0.001611
Age 20-24	0.098071	0.100432	0.002	0.096743	0.092006	-0.005	0.098073	0.088142	-0.010***	0.100432	0.084436	-0.016***	0.092006	0.095094	0.003	0.088142	0.093913	0.006*	0.084436	0.09157	0.007**
	0.00244	0.002394	0.003422	0.002409	0.002289	0.003321	0.002422	0.002259	0.00331	0.002394	0.002141	0.003204	0.002289	0.002206	0.003183	0.002259	0.002258	0.00321	0.002141	0.002168	0.003058
Age 25-29	0.167951	0.154413	-0.014***	0.16391	0.14926	-0.015***	0.158423	0.152419	-0.006	0.154413	0.150434	-0.004	0.14926	0.150825	0.002	0.152419	0.150332	-0.002	0.150434	0.156023	0.006
	0.003067	0.002878	0.004203	0.003017	0.002822	0.004127	0.002973	0.002864	0.004127	0.002878	0.002753	0.00398	0.002822	0.002691	0.003903	0.002864	0.002767	0.003994	0.002753	0.002727	0.003885
Age 30-34	0.190948	0.169071	-0.022***	0.182368	0.1724	-0.010**	0.175596	0.170518	-0.005	0.169071	0.167709	-0.001	0.1724	0.162494	-0.010**	0.170518	0.160151	-0.010**	0.167709	0.159384	-0.008**
	0.003225	0.002985	0.004389	0.003147	0.002992	0.004339	0.003098	0.002997	0.004309	0.002985	0.002877	0.004144	0.002992	0.002774	0.004077	0.002997	0.002839	0.004136	0.002877	0.002751	0.003984
Age 35-39	0.164885	0.171462	0.007	0.172881	0.172375	-0.001	0.175206	0.176586	0.001	0.171462	0.169648	-0.002	0.172375	0.159479	-0.013***	0.176586	0.157616	-0.019***	0.169648	0.154828	-0.015***
	0.003044	0.003002	0.004281	0.003082	0.002991	0.004293	0.003096	0.003039	0.004337	0.003002	0.00289	0.004165	0.002991	0.002753	0.004061	0.003039	0.002821	0.004149	0.00289	0.002719	0.003969
Age 40-44	0.141904	0.150383	0.008**	0.141944	0.152498	0.011***	0.143713	0.160127	0.016***	0.150383	0.166276	0.016***	0.152498	0.162018	0.010**	0.160127	0.162585	0.002	0.166276	0.158028	-0.008**
	0.002863	0.002847	0.004044	0.002844	0.002847	0.004026	0.002857	0.002922	0.004087	0.002847	0.002867	0.004043	0.002847	0.002771	0.00398	0.002922	0.002857	0.004102	0.002867	0.002742	0.003971
Age 45-49	0.104129	0.117862	0.014***	0.103751	0.119247	0.015***	0.110336	0.12173	0.011***	0.117862	0.126551	0.009**	0.119247	0.122223	0.003	0.12173	0.125117	0.003	0.126551	0.124943	-0.002
	0.002506	0.002568	0.003598	0.002485	0.002567	0.003576	0.002551	0.002606	0.003647	0.002568	0.00256	0.003628	0.002567	0.002463	0.003561	0.002606	0.002561	0.003668	0.00256	0.002485	0.003574
Age 50-54	0.064303	0.070838	0.007**	0.066845	0.073041	0.006**	0.070923	0.070456	0	0.070838	0.072826	0.002	0.073041	0.080187	0.007**	0.070456	0.082584	0.012***	0.072826	0.084573	0.012***
	0.002012	0.002043	0.002875	0.002035	0.002061	0.002898	0.00209	0.002039	0.00292	0.002043	0.002001	0.00286	0.002061	0.002042	0.00291	0.002039	0.002131	0.002972	0.002001	0.002091	0.002909
Head	0.532361	0.534358	0.002	0.530038	0.532517	0.002	0.534964	0.545158	0.010*	0.534358	0.552139	0.018***	0.532517	0.528439	-0.004	0.545158	0.518193	-0.027***	0.552139	0.507239	-0.045***
	0.004094	0.003973	0.005708	0.004068	0.003952	0.005669	0.004062	0.003968	0.005677	0.003973	0.003829	0.005515	0.003952	0.003754	0.005453	0.003968	0.003868	0.005561	0.003829	0.003758	0.005376
Individual: Literate no school	0.031098	0.026766	-0.004**	0.03026	0.025527	-0.005**	0.030639	0.021625	-0.009***	0.026766	0.02102	-0.006***	0.025527	0.021494	-0.004**	0.021625	0.0226	0.001	0.02102	0.021073	0
	0.001424	0.001286	0.001915	0.001396	0.001249	0.001869	0.001403	0.001159	0.001817	0.001286	0.001105	0.001689	0.001249	0.001091	0.001651	0.001159	0.001151	0.001641	0.001105	0.001079	0.001548
Individual: Primary	0.253691	0.241455	-0.012**	0.24064	0.229773	-0.011**	0.245845	0.217289	-0.029***	0.241455	0.204637	-0.037***	0.229773	0.195492	-0.034***	0.217289	0.190114	-0.027***	0.204637	0.18038	-0.024***
	0.00357	0.003409	0.004936	0.003484	0.003332	0.004817	0.003506	0.003286	0.004803	0.003409	0.003107	0.004603	0.003332	0.002983	0.004459	0.003286	0.003038	0.004477	0.003107	0.00289	0.004242
Individual: Middle/Basic	0.17849	0.182163	0.004	0.178052	0.179792	0.002	0.175919	0.170094	-0.006	0.182163	0.162291	-0.020***	0.179792	0.158756	-0.021***	0.170094	0.146675	-0.023***	0.162291	0.147867	-0.014***
	0.003142	0.00344	0.004813	0.003118	0.003041	0.004354	0.003101	0.002994	0.004309	0.00344	0.003074	0.004178	0.003041	0.002748	0.00409	0.002994	0.002839	0.004057	0.003074	0.002668	0.003897
Individual: General HS	0.116819	0.114039	-0.003	0.113187	0.112567	-0.001	0.115894	0.121558	0.006	0.114039	0.123936	0.010***	0.112567	0.140289	0.028***	0.121558	0.1574	0.036***	0.123936	0.156287	0.032***
	0.002635	0.002532	0.003655	0.002582	0.002503	0.003595	0.002607	0.002604	0.003684	0.002532	0.002538	0.003586	0.002503	0.002612	0.003638	0.002604	0.002819	0.003874	0.002538	0.002729	0.00375
Individual: Voc/Tech HS	0.115365	0.112694	-0.003	0.117102	0.114759	-0.002	0.116562	0.120233	0.004	0.112694	0.116436	0.004	0.114759	0.113752	-0.001	0.120233	0.110682	-0.010***	0.116436	0.108142	-0.008**
	0.002621	0.002519	0.003636	0.00262	0.002524	0.003637	0.002613	0.002592	0.00368	0.002519	0.00247	0.003527	0.002524	0.002388	0.003476	0.002592	0.002429	0.003556	0.00247	0.002334	0.0034
Individual: College+	0.289028	0.312721	0.024***	0.306561	0.325799	0.019***	0.303728	0.339149	0.035***	0.312721	0.360967	0.048***	0.325799	0.358317	0.033***	0.339149	0.361742	0.023***	0.360967	0.375822	0.015***
	0.003719	0.003693	0.005249	0.003758	0.003712	0.005282	0.003745	0.003773	0.005316	0.003693	0.003699	0.005229	0.003712	0.003606	0.005184	0.003773	0.00372	0.00532	0.003699	0.00364	0.005201
Mother: Literate no school	0.092969	0.100677	0.008	0.08304	0.106755	0.024***	0.095726	0.110707	0.015**	0.100677	0.103719	0.003	0.106755	0.097467	-0.009	0.110707	0.09011	-0.021***	0.103719	0.092154	-0.012*
	0.004648	0.004805	0.006687	0.004421	0.004984	0.00665	0.004747	0.005214	0.007038	0.004805	0.004988	0.006929	0.004984	0.004649	0.006811	0.005214	0.004618	0.006959	0.004988	0.004568	0.00679
Mother: Primary	0.467665	0.469525	0.002	0.476861	0.476864	0	0.476153	0.483695	0.008	0.469525	0.481453	0.012	0.476864	0.488232	0.011	0.483695	0.488401	0.005	0.481453	0.500339	0.019*
	0.007986	0.007969	0.011283	0.008002	0.008061	0.011365	0.008058	0.008304	0.011578	0.007969	0.008174	0.011426	0.008061	0.007835	0.011253	0.008304	0.008062	0.011638	0.008174	0.007897	0.011461
Mother: Middle/Basic	0.034309	0.054456	0.020***	0.043374	0.045991	0.003	0.04943	0.04716	-0.002	0.054456	0.059735	0.005	0.045991	0.06317	0.017***	0.04716	0.066093	0.019***	0.059735	0.068412	0.009
	0.002913	0.003623	0.004657	0.003263	0.003381	0.004699	0.003498	0.003522	0.004971	0.003623	0.003877	0.005303	0.003381	0.003813	0.005132	0.003522	0.004007	0.005423	0.003877	0.003987	0.005638
Mother: General HS	0.031225	0.033272	0.002	0.031894	0.037755	0.006	0.031718	0.041731	0.010**	0.033272	0.042507	0.009**	0.037755	0.044418	0.007	0.041731	0.050675	0.009*	0.042507	0.042498	0.020***
	0.002784	0.002864	0.003995	0.002815	0.003076	0.004165	0.002828	0.003323	0.004344	0.002864	0.0033	0.004355	0.003076	0.003229	0.004479	0.003323	0.003538	0.004911	0.0033	0.003823	0.00517
Mother: Voc/Tech HS	0.019901	0.015927	-0.004	0.019329	0.022428	0.003	0.021013	0.028841	0.008**	0.015927	0.039406	0.023***	0.022428	0.031999	0.010***	0.028841	0.032176	0.003	0.039406	0.026247	-0.013***
	0.002235	0.001999	0.002996	0.002206	0.00239	0.003249	0.002314	0.002781	0.003599	0.001999	0.003183	0.003704	0.00239	0.002759	0.003679	0.002781	0.002846	0.004016	0.003183	0.002525	0.00403
Mother: College+	0.012768	0.021679	0.009***	0.018953	0.017962	-0.001	0.021458	0.027091	0.006	0.021679	0.028934	0.007**	0.017962	0.034287	0.016***	0.027091	0.035136	0.008**	0.028934	0.033883	0.005
	0.001797	0.002325	0.002945	0.002185	0.002144	0.003064	0.002338	0.002698	0.003557	0.002325	0.002742	0.00358	0.002144	0.002852	0.003616	0.002698	0.00297	0.004069	0.002742	0.002857	0.004019
Mother: Agriculture & Mining	0.086993	0.07148	-0.016**	0.082218	0.063906	-0.018***	0.072051	0.059379	-0.013**	0.07148	0.058855	-0.013**	0.063906	0.062729	-0.001	0.059379	0.049668	-0.010*	0.058855	0.047239	-0.012**
	0.004508	0.004111	0.006097	0.004399	0.003947	0.005928	0.004171	0.003926	0.005751	0.004111	0.003846	0.005654	0.003947	0.003799	0.005482	0.003926	0.003501	0.005259	0.003846	0.00335	0.005099
Mother: Industry	0.02575	0.038993	0.013***	0.028644	0.032624	0.004	0.030614	0.034524	0.004	0.033993	0.035885	-0.003	0.032624	0.037096	0.004	0.034524	0.03666	0.002	0.035885	0.032431	-0.003
	0.002533	0.003089	0.004001	0.002671	0.002867	0.003916	0.002779	0.003033	0.004107	0.003089	0.00304	0.004345	0.002867	0.002961	0.004136	0.003033	0.003029	0.004319	0.00304	0.002797	0.004148
Mother: Trade/Transport/Hospitality	0.068873	0.08705	0.018***	0.077363	0.079289	0.002	0.073915	0.070479	-0.003	0.08705	0.078076	-0.009	0.079289	0.100035	0.021***	0.070479	0.104634	0.034***	0.078076	0.11826	0.040***
	0.00405	0.004499	0.006059	0.004279	0.00436	0.006111	0.00422	0.004252	0.006	0.004499	0.004385	0.0063	0.00436	0.004701	0.006446	0.004252	0.004933	0.00663	0.004385	0.005099	0.006885
Father: Literate no school	0.07929	0.086336	0.007	0.073762	0.07288	-0.001	0.068041	0.059421	-0.009	0.086336	0.051139	-0.035***	0.07288	0.054944	-0.018***	0.059421	0.047083	-0.012**	0.051139	0.043122	-0.008
	0.004989	0.005106	0.007145	0.004793	0.004752	0.006753	0.004605	0.004456	0.006428	0.005106	0.004102	0.006623	0.004752	0.004065	0.00623	0.004456	0.003902	0.005912	0.004102	0.00367	0.005515
Father: College+	0.591904	0.577728	-0.014	0.576487	0.579346	0.003	0.575592	0.580618	0.005	0.577728	0.575588	-0.002	0.579346	0.569751	-0.01	0.580618	0.56551	-0.015	0.575588	0.551164	-0.024*
	0.009075	0.008979	0.012769	0.009061	0.009025	0.012794	0.009039	0.012979	0.008979	0.008979	0.008975	0.012875	0.009025	0.008833	0.012639	0.009301	0.009131	0.013106	0.008975	0.008985	0.012983
Father:=Middle/Basic	0.096252	0.123728	0.027***	0.124819	0.128883	0.004	0.120238	0.120089	0	0.123728	0.109304	-0.014*	0.128883	0.115582	-0.013	0.120089	0.122845	0.003	0.109304	0.123272	0.014*
	0.005446	0.005986	0.008111	0.006061	0.006126	0.008619	0.005948	0.006127	0.008545	0.005986	0.00581	0.008372	0.006126	0.005704	0.008363	0.006127	0.006047	0.008659	0.00581	0.005939	0.008418
Father:=General HS	0.053434	0.055054	0.002	0.051428	0.055045	0.004	0.053738	0.060385	0.007	0.055054	0.078308	0.023***	0.055045	0.078468	0.023***	0.060385	0.088164	0.028***	0.078308	0.090073	0.012
	0.004153	0.004146	0.005871	0.00405	0.00417	0.005813	0.004124	0.00449	0.006087	0.004146	0.005003	0.006463	0.00417	0.004797	0.006397	0.00449	0.005223	0.007	0.005003	0.005172	0.007298
Father:=Voc/Tech HS	0.045062	0.046932	0.002	0.049557	0.05316	0.004	0.05918	0.058425	-0.001	0.046932	0.054412	0.007	0.05316	0.055796	0.003	0.058425	0.057469	-0.001	0.054412	0.067276	0.013**
	0.00383	0.003845	0.00543	0.00398	0.004102	0.005715	0.004315	0.004421	0.006184	0.003845	0.004224	0.005703	0.004102	0.004095	0.005805	0.004421	0.004287	0.006187	0.004224	0.004525	0.006296
Father:=College+	0.058582	0.06068	0.002	0.055606	0.055946	0	0.059173	0.068825	0.01	0.06068	0.076816	0.016**	0.055946	0.07605	0.020***	0.068825	0.072175	0.003	0.076816	0.076491	0
	0.004336	0.00434	0.006138	0.004202	0.004201	0.005944	0.004315	0.004771	0.00642	0.00434	0.004959	0.00657	0.004201	0.004729	0.006362	0.004771	0.004767	0.00679	0.004959	0.004802	0.006963
Father: Agriculture & Mining	0.101686	0.092165	-0.01	0.093363	0.089368	-0.004	0.083633	0.085921	0.002	0.092165	0.074789	-0.017**	0.089368	0.086385	-0.003	0.085921	0.061897	-0.024***	0.074789	0.070413	-0.004
	0.00557	0.005258	0.007655	0.005331	0.005213	0.007461	0.005062	0.005282	0.007318	0.005258	0.004892	0.007219	0.005213	0.005009	0.007231	0.005282	0.004434	0.006866	0.004892	0.004621	0.006773
Father: Industry	0.164287	0.195477	0.031***	0.18338	0.182969	0	0.194429	0.175979	-0.018*	0.195477	0.190264	-0.005	0.182969	0.199334	0.016	0.175979	0.20801	0.032***	0.190264	0.195163	0.005
	0.006829	0.007208	0.009942	0.00709	0.007065	0.010014	0.007236	0.007177	0.010215	0.007208	0.0073	0.010277	0.007065	0.007123	0.010051	0.007177	0.007469	0.010457	0.0073	0.007159	0.010322
Father: Trade/Transport/Hospitality	0.286519	0.266471	-0.020*	0.286614	0.266409	-0.020*	0.281119	0.238358	-0.043***	0.266471	0.25438	-0.012	0.266409	0.264749	-0.002	0.238358	0.270041	0.032***	0.25438	0.267056	0.013
	0.008333	0.008036	0.011573	0.008285	0.008078	0.011158	0.00822	0.008031	0.011524	0.008036	0.0081	0.011432	0.008078	0.007866	0.011283	0.008031	0.00817	0.011548	0.0081	0.007991	0.011493
Bati Marmara	0.041591	0.04304	0.001	0.043264	0.044042	0.001	0.043156	0.045112	0.002	0.04304	0.045054	0.002	0.044042	0.046019	0.002	0.045112	0.047339	0.002	0.045054	0.045952	0.001
	0.001638	0.001616	0.002304	0.001658	0.001625	0.002321	0.001655	0.001654	0.00234	0.001616	0.001597	0.002273	0.001625	0.001576	0.002267	0.001654	0.001644	0.002343	0.001597	0.001574	0.002247
Ege	0.133737	0.13592	0.002	0.132826	0.133254	0	0.133939	0.127773	-0.006	0.13592	0.130428	-0.005	0.133254	0.121181	-0.012***	0.127773	0.122238	-0.006	0.130428	0.129152	-0.001
	0.002793	0.00273	0.003909	0.002766	0.002692	0.003858	0.002773	0.00266	0.003842	0.00273	0.002593	0.003762	0.002692	0.002454	0.003636	0.00266	0.002536	0.003683	0.002593	0.002521	0.003623
Dogu Marmara	0.111378	0.114239	0.003	0.111747	0.110789	-0.001	0.113059	0.115303	0.002	0.114239	0.113982	0	0.110789	0.114652	0.004	0.115303	0.118099	0.003	0.113982	0.11939	0.005
	0.002581	0.002534	0.003621	0.002568	0.002486	0.003572	0.002579	0.002545	0.003623	0.002534	0.002447	0.003521	0.002486	0.002396	0.003457	0.002545	0.002498	0.00358	0.002447	0.002437	0.003463
Bati Anadolu	0.112944	0.109879	-0.003	0.113495	0.109153	-0.004	0.112811	0.109812	-0.003	0.109879	0.108552	-0.001	0.109153	0.109189	0	0.109812	0.114397	0.005	0.108552	0.109956	0.001
	0.002597	0.002491	0.003599	0.002585	0.00247	0.003573	0.002576	0.002492	0.003583	0.002491	0.002396	0.003454	0.00247	0.002346	0.003408	0.002492	0.002464	0.003519	0.002396	0.002351	0.003364
Akdeniz	0.116306	0.117978	0.002	0.113236	0.119797	0.007*	0.11541	0.115087	0	0.117978	0.115849	-0.002	0.119797	0.11884	-0.001	0.115087	0.086315	-0.029***	0.115849	0.113587	-0.002
	0.00263	0.002569	0.00368	0.002583	0.002572	0.003645	0.002602	0.002543	0.003637	0.002569	0.002465	0.003558	0.002572	0.002434	0.003542	0.002543	0.002174	0.003332	0.002465	0.002385	0.003435
Orta Anadolu	0.042488	0.041642	-0.001	0.042265	0.041117	-0.001	0.041989	0.041376	-0.001	0.041642	0.041427	0	0.041117	0.041058	0	0.041376	0.042347	0.001	0.041427	0.042153	0.001
	0.001655	0.001591	0.002296	0.00164	0.001573	0.002271	0.001633	0.001587	0.002277	0.001591	0.001535	0.00221	0.001573	0.001492	0.002169	0.001587	0.001559	0.002233	0.001535	0.00151	0.002158
Batı Karadeniz	0.048177	0.047911	0	0.048089	0.048448	0	0.047125	0.047039	0	0.047911	0.046327	-0.002	0.048448	0.045473	-0.003	0.047039	0.044597	-0.002	0.046327	0.046942	0.001
	0.001757	0.001701	0.002447	0.001744	0.0017	0.002435	0.001726	0.001687	0.002413	0.001701	0.001619	0.002346	0.0017	0.001567	0.002309	0.001687	0.001598	0.002328	0.001619	0.00159	0.002274
Doğu Karadeniz	0.029896	0.027444	-0.002	0.028501	0.027689	-0.001	0.0296	0.027235	-0.002	0.027444	0.027305	0	0.027689	0.027227	0	0.027235	0.027515	0	0.027305	0.024351	-0.003*
	0.001397	0.001301	0.001908	0.001356	0.001299	0.001877	0.00138	0.001297	0.001893	0.001301	0.001255	0.001807	0.001299	0.001224	0.001785	0.001297	0.001266	0.001819	0.001255	0.001158	0.001707
Kuzey Doğu Anadolu	0.018834	0.018668	0	0.020899	0.017848	-0.003*	0.020064	0.016589	-0.003**	0.018668	0.017583	-0.001	0.017848	0.016796	-0.001	0.016589	0.016711	0	0.017583	0.016385	-0.001
	0.001115	0.001078	0.001552	0.001166	0.001049	0.001565	0.001142	0.001018	0.001528	0.001078	0.001012	0.001477	0.001049	0.000966	0.001424	0.001018	0.000992	0.001427	0.001012	0.000954	0.001391
Orta Doğu Anadolu	0.035705	0.031683	-0.004*	0.035235	0.032638	-0.003	0.031438	0.03261	0.001	0.031683	0.033307	0.002	0.032638	0.033375	0.001	0.03261	0.035957	0.003*	0.033307	0.033404	0
	0.001522	0.001395	0.002062	0.001503	0.001407	0.002056	0.001421	0.001415	0.002005	0.001395	0.001382	0.001964	0.001407	0.001351	0.001953	0.001415	0.001441	0.002032	0.001382	0.001351	0.001936
Guney Dogu Anadolu	0.072956	0.071191	-0.002	0.070362	0.072665	0.002	0.072223	0.074903	0.003	0.071191	0.077637	0.006**	0.072665	0.085389	0.013***	0.074903	0.089232	0.014***	0.077637	0.083889	0.006**
	0.002134	0.002048	0.002958	0.002084	0.002056	0.002928	0.002108	0.002098	0.002974	0.002048	0.002061	0.002907	0.002056	0.002102	0.002954	0.002098	0.002207	0.003069	0.002061	0.002084	0.002941

Table B2. Summary statistics for 5-year pairs, 2006-2024

	2006-2011			2007-2012			2008-2013			2009-2014			2010-2015			2011-2016			2012-2017			2013-2018			2014-2019		
	2006	2011	Differences	2007	2012	Differences	2008	2013	Differences	2009	2014	Differences	2010	2015	Differences	2011	2016	Differences	2012	2017	Differences	2013	2018	Differences	2014	2019	Differences
Log of hourly wage	2.309272	2.444357	0.135***	2.323789	2.441738	0.118***	2.376749	2.495102	0.118***	2.406191	2.525625	0.119***	2.41008	2.547932	0.138***	2.414807	2.58928	0.174***	2.415574	2.629218	0.214***	2.468848	2.634341	0.165***	2.501831	2.63273	0.131***
	0.00777	0.006505	0.009987	0.007407	0.005982	0.009296	0.007139	0.005507	0.008722	0.007538	0.005005	0.00843	0.007303	0.004989	0.008306	0.00647	0.004875	0.007858	0.005902	0.004582	0.007322	0.005435	0.004362	0.006878	0.004952	0.004325	0.00655
Female	0.208886	0.23586	0.027***	0.215949	0.249915	0.034***	0.222326	0.256927	0.035***	0.236044	0.25727	0.021***	0.234268	0.275533	0.041***	0.237586	0.281638	0.044***	0.249424	0.280854	0.031***	0.258299	0.287466	0.029***	0.26031	0.299155	0.039***
	0.005224	0.004563	0.006868	0.005202	0.004239	0.006561	0.005056	0.003973	0.006241	0.005171	0.003672	0.005999	0.00507	0.003714	0.005998	0.004489	0.003707	0.005739	0.004154	0.003688	0.005532	0.003905	0.003626	0.00533	0.003625	0.003648	0.005156
Age 15-19	0.068941	0	-0.069***	0.06176	0	-0.062***	0.059452	0	-0.059***	0.056833	0	-0.057***	0.053961	0	-0.054***	0.047948	0	-0.048***	0.044223	0	-0.044***	0.043529	0	-0.044***	0.042253	0	-0.042***
	0.003256	0	0.002885	0.003043	0	0.002558	0.002875	0	0.002348	0.002819	0	0.002157	0.002705	0	0.002072	0.002253	0	0.001862	0.001974	0	0.001743	0.00182	0	0.001658	0.001662	0	0.001592
Age 20-24	0.1227	0.097287	-0.025***	0.113819	0.099929	-0.014***	0.109993	0.101407	-0.009*	0.107808	0.10507	-0.003	0.09988	0.100851	0.001	0.093606	0.099123	0.006	0.096496	0.099627	0.003	0.097931	0.10172	0.004	0.101646	0.093214	-0.008**
	0.004216	0.003185	0.005148	0.004015	0.002936	0.004782	0.003804	0.002745	0.004484	0.003776	0.002576	0.004284	0.003589	0.002503	0.004129	0.003072	0.002463	0.003861	0.002835	0.002458	0.003726	0.002652	0.002422	0.003587	0.002497	0.002316	0.003402
Age 25-29	0.191356	0.199748	0.008	0.193745	0.190908	-0.003	0.195738	0.18514	-0.011*	0.189797	0.174723	-0.015***	0.19271	0.172712	-0.020***	0.192191	0.167942	-0.024***	0.18435	0.160934	-0.023***	0.178793	0.156394	-0.022***	0.169028	0.151221	-0.018***
	0.005055	0.004297	0.00655	0.004996	0.003848	0.006112	0.004824	0.003532	0.00573	0.004775	0.003189	0.005356	0.004722	0.003142	0.005295	0.004156	0.00308	0.005004	0.003723	0.003016	0.004719	0.003418	0.00291	0.004455	0.003096	0.002854	0.004206
Age 30-34	0.185	0.197148	0.012*	0.180316	0.197471	0.017***	0.186567	0.199465	0.013**	0.184261	0.19315	0.009	0.191795	0.196361	0.005	0.189689	0.186854	-0.003	0.190687	0.178379	-0.012**	0.192627	0.17124	-0.021***	0.186855	0.174665	-0.012***
	0.004499	0.004276	0.006493	0.00486	0.003898	0.006076	0.004737	0.003633	0.005769	0.004721	0.003316	0.005443	0.004713	0.003302	0.005436	0.004135	0.003212	0.005106	0.003772	0.003142	0.004851	0.003518	0.003018	0.004603	0.003221	0.003025	0.004416
Age 35-39	0.16038	0.166434	0.006	0.158755	0.164473	0.006	0.157305	0.16647	0.009*	0.163812	0.170228	0.006	0.161023	0.169559	0.009*	0.160138	0.177133	0.017***	0.158824	0.177982	0.019***	0.160763	0.173661	0.013***	0.16468	0.17464	0.010**
	0.004715	0.004003	0.006106	0.00462	0.00363	0.005712	0.004427	0.003387	0.005384	0.004506	0.003157	0.005188	0.0044	0.00312	0.005109	0.003868	0.003146	0.004902	0.00351	0.003139	0.004693	0.003277	0.003035	0.004467	0.003064	0.003025	0.004313
Age 40-44	0.121703	0.15062	0.029***	0.1322	0.149553	0.017***	0.134702	0.14886	0.014***	0.134462	0.144133	0.010**	0.137652	0.145926	0.008*	0.144922	0.145436	0.001	0.144416	0.145991	0.002	0.143757	0.152311	0.009**	0.139435	0.154501	0.015***
	0.004201	0.003844	0.005669	0.004282	0.003492	0.005403	0.004151	0.003237	0.005102	0.004154	0.00295	0.00482	0.004124	0.002935	0.004799	0.003713	0.002905	0.004603	0.003375	0.002898	0.004412	0.00313	0.002879	0.00425	0.002862	0.00288	0.00407
Age 45-49	0.089427	0.100379	0.011**	0.088729	0.10349	0.015***	0.086155	0.10522	0.019***	0.091865	0.111726	0.020***	0.091538	0.10708	0.016***	0.096582	0.106303	0.010**	0.099935	0.112085	0.012***	0.101613	0.119373	0.018***	0.108085	0.120814	0.013***
	0.003667	0.00323	0.004844	0.003595	0.002982	0.00458	0.003412	0.00279	0.004309	0.003517	0.002646	0.004219	0.003452	0.002571	0.004123	0.003115	0.00254	0.003954	0.00288	0.002589	0.003862	0.002695	0.002598	0.003757	0.002565	0.002597	0.00366
Age 50-54	0.043099	0.035044	0.012***	0.048599	0.059237	0.011***	0.049917	0.058303	0.008**	0.050422	0.061994	0.012***	0.050307	0.066125	0.016***	0.062961	0.068489	0.016***	0.057202	0.073847	0.015***	0.05604	0.071747	0.016***	0.059974	0.074001	0.014***
	0.00261	0.002451	0.003575	0.002718	0.002311	0.003512	0.002648	0.002126	0.003309	0.002664	0.002025	0.003216	0.002617	0.002066	0.003237	0.002362	0.002081	0.003139	0.00223	0.002122	0.003091	0.002052	0.002068	0.002935	0.001962	0.002086	0.002877
Age 60-64	0	0.010514	0.011***	0	0.010224	0.010***	0	0.009574	0.010***	0	0.009989	0.010***	0	0.011432	0.011***	0	0.017196	0.017***	0	0.017384	0.017***	0	0.01651	0.017***	0	0.017658	0.018***
	0	0.001096	0.001219	0	0.000985	0.001136	0	0.000885	0.001043	0	0.000835	0.001026	0	0.000884	0.001088	0	0.001071	0.001266	0	0.001073	0.001204	0	0.001021	0.001118	0	0.001049	0.001096
Head	0.5888	0.60259	0.014*	0.57108	0.583994	0.013*	0.573321	0.571538	-0.002	0.562293	0.562628	0	0.570621	0.556426	-0.014**	0.572303	0.556127	-0.016**	0.556663	0.557151	0	0.544161	0.554666	0.011*	0.536916	0.55372	0.017***
	0.006323	0.00526	0.0081	0.006256	0.004826	0.00766	0.006014	0.0045	0.007226	0.006041	0.004167	0.006896	0.005926	0.00413	0.006814	0.005218	0.004094	0.00648	0.00477	0.004076	0.006219	0.004443	0.003982	0.005948	0.00412	0.003961	0.005718
Individual: Literate no school	0.034561	0.025686	-0.009***	0.029981	0.024867	-0.005**	0.030912	0.027827	-0.003	0.028772	0.027981	-0.001	0.026586	0.029165	0.003	0.02764	0.028582	0.001	0.028354	0.029281	0.001	0.029435	0.026474	-0.003	0.029104	0.02529	-0.004*
	0.002347	0.00173	0.002811	0.002156	0.001525	0.002526	0.002104	0.001496	0.002461	0.002035	0.001394	0.002306	0.001926	0.001399	0.002267	0.001729	0.001373	0.002162	0.001594	0.001384	0.002096	0.001508	0.001286	0.002056	0.001967	0.001389	0.001258	0.00187
Individual: Primary	0.379158	0.321086	-0.058***	0.366701	0.311958	-0.055***	0.348707	0.29711	-0.052***	0.320358	0.287922	-0.032***	0.305863	0.264433	-0.041***	0.304614	0.253822	-0.051***	0.297908	0.255656	-0.042***	0.283589	0.250568	-0.033***	0.274915	0.239422	-0.035***
	0.006235	0.005018	0.007853	0.006092	0.004536	0.007323	0.005795	0.004155	0.006808	0.005682	0.003803	0.006381	0.005516	0.003666	0.006181	0.004854	0.003586	0.005834	0.004391	0.00358	0.005584	0.004021	0.003472	0.005279	0.003689	0.0034	0.00501
Individual: Middle/Basic	0.146096	0.129254	-0.017***	0.147849	0.134639	-0.013**	0.154271	0.143723	-0.011**	0.150532	0.148671	-0.002	0.163515	0.154091	-0.009*	0.162613	0.154205	-0.008*	0.162188	0.158305	-0.004	0.171533	0.164756	-0.007	0.175544	0.163519	-0.012***
	0.004539	0.003606	0.005679	0.004487	0.003342	0.005394	0.004392	0.00319	0.005195	0.004354	0.002988	0.004957	0.004427	0.003001	0.005014	0.003892	0.002976	0.004765	0.003539	0.002996	0.004591	0.003363	0.002972	0.004469	0.003143	0.002947	0.004306
Individual: General HS	0.12476	0.126755	0.002	0.127613	0.118879	-0.009*	0.131209	0.117759	-0.013***	0.131633	0.119832	-0.012**	0.128917	0.119183	-0.010**	0.123026	0.114675	-0.008**	0.116498	0.11681	0	0.114596	0.115345	0.001	0.117346	0.112554	-0.005
	0.004246	0.003576	0.005475	0.004218	0.003169	0.005093	0.004105	0.002911	0.004812	0.004117	0.002728	0.004598	0.004012	0.002694	0.004452	0.003464	0.002606	0.004221	0.00308	0.002636	0.004019	0.002842	0.00256	0.003815	0.002659	0.002518	0.003661
Individual: Voc/Tech HS	0.116468	0.132937	0.016***	0.122195	0.127461	0.005	0.124355	0.12685	0.002	0.132038	0.117796	-0.014***	0.133148	0.115157	-0.018***	0.129636	0.113906	-0.016***	0.112551	0.113972	-0.012***	0.112698	0.110333	-0.017***	0.113802	0.111805	-0.007*
	0.004122	0.003649	0.00546	0.00414	0.003265	0.005129	0.004012	0.003026	0.004842	0.004122	0.002709	0.004585	0.004067	0.002654	0.004513	0.003543	0.002618	0.004259	0.003181	0.002608	0.004057	0.00297	0.00251	0.003856	0.002673	0.002511	0.003665
Individual: College+	0.177691	0.247762	0.070***	0.188413	0.262445	0.074***	0.193	0.269565	0.077***	0.221307	0.281099	0.060***	0.228273	0.300667	0.072***	0.236891	0.319106	0.082***	0.251656	0.313026	0.061***	0.257874	0.320829	0.063***	0.269324	0.334191	0.065***
	0.004912	0.00464	0.006751	0.004943	0.004308	0.006479	0.004799	0.004035	0.00616	0.005055	0.003776	0.006038	0.005025	0.003812	0.006068	0.004484	0.003841	0.005859	0.004167	0.003806	0.005638	0.003903	0.00374	0.005422	0.003665	0.003758	0.005267
Mother: Literate no school	0.100236	0.128001	0.028***	0.121788	0.137181	0.015	0.120947	0.124812	0.004	0.114033	0.1078	-0.006	0.115615	0.094996	-0.021**	0.119634	0.084597	-0.035***	0.131513	0.097025	-0.034***	0.118543	0.098744	-0.020***	0.106032	0.10607	0
	0.006904	0.007336	0.010075	0.007302	0.006804	0.009938	0.007219	0.006142	0.00935	0.007161	0.005328	0.008584	0.007338	0.005038	0.008435	0.006538	0.004797	0.007896	0.006115	0.005085	0.007908	0.005512	0.00505	0.007469	0.004889	0.005299	0.007202
Mother: Primary	0.4224	0.405326	-0.017	0.425962	0.411984	-0.014	0.41477	0.448981	0.034**	0.424628	0.440514	0.016	0.432566	0.46084	0.028**	0.431443	0.466534	0.035***	0.430377	0.465777	0.035***	0.467191	0.462389	-0.005	0.463957	0.470091	0.006
	0.011356	0.01078	0.015677	0.011041	0.009734	0.014628	0.010908	0.009243	0.014101	0.011136	0.008529	0.01355	0.011369	0.008565	0.013712	0.009978	0.008599	0.013049	0.008959	0.00857	0.012387	0.008508	0.008441	0.011988	0.007919	0.008589	0.01167
Mother: Middle/Basic	0.022304	0.041973	0.020***	0.025571	0.042469	0.017***	0.033747	0.032038	-0.002	0.046433	0.036228	-0.010*	0.039426	0.034699	-0.005	0.043283	0.044445	0.001	0.040349	0.050215	0.010*	0.034985	0.05494	0.020***	0.034964	0.047217	0.012***
	0.003395	0.004403	0.005549	0.003524	0.003988	0.005335	0.003998	0.003272	0.005084	0.004741	0.00321	0.005428	0.004466	0.003145	0.005199	0.0041	0.003552	0.005377	0.003561	0.003752	0.005185	0.003133	0.003858	0.004988	0.002917	0.00365	0.004619
Mother: General HS	0.024939	0.030857	0.006	0.022044	0.02049	-0.002	0.018517	0.022986	0.004	0.027841	0.025037	-0.003	0.018995	0.031981	0.013***	0.02883	0.032701	0.004	0.020328	0.03257	0.012***	0.023702	0.035441	0.012***	0.024275	0.038449	0.014***
	0.003585	0.003797	0.005223	0.003278	0.002802	0.004281	0.002985	0.002785	0.004052	0.003707	0.002684	0.004383	0.003133	0.003023	0.004385	0.003371	0.003066	0.004554	0.002554	0.00305	0.004004	0.002594	0.00313	0.004079	0.002444	0.003309	0.004044
Mother: Voc/Tech HS	0.022517	0.020481	-0.002	0.021699	0.021449	0	0.018549	0.020593	0.002	0.028969	0.019927	-0.009**	0.026563	0.021871	-0.005	0.019927	0.020147	0	0.01916	0.021052	0.002	0.019465	0.016168	-0.003	0.018246	0.022453	0.004
	0.003411	0.00311	0.004623	0.003253	0.002865	0.004308	0.002987	0.002639	0.003942	0.003779	0.002401	0.004205	0.00369	0.002513	0.004225	0.002815	0.002466	0.0035	0.002423	0.003678	0.002481	0.002466	0.002356	0.002135	0.003176	0.002125	0.002549	0.003291
Mother: College+	0.01431	0.020755	0.007	0.01468	0.022354	0.008*	0.01816	0.017522	-0.001	0.015809	0.016765	0.001	0.022892	0.013955	-0.009**	0.018134	0.020121	0.002	0.019122	0.023678	0.005	0.025127	0.023653	0.009**	0.025133	0.028154	0.005
	0.002712	0.00313	0.004138	0.002685	0.002923	0.003974	0.002956	0.002438	0.003772	0.00281	0.002206	0.003464	0.003432	0.002016	0.003674	0.002688	0.00242	0.0036	0.002478	0.002612	0.00361	0.002081	0.002573	0.003322	0.001939	0.002418	0.003065
Mother: Agriculture & Mining	0.093874	0.081589	-0.012	0.093642	0.089504	-0.004	0.103642	0.087773	-0.016*	0.080386	0.092665	0.012	0.080749	0.083977	0.003	0.091897	0.078302	-0.014*	0.096937	0.0683	-0.029***	0.093374	0.067717	-0.026***	0.097347	0.062539	-0.035***
	0.0067	0.006011	0.009018	0.006501	0.005645	0.008554	0.006745	0.005257	0.008388	0.006126	0.004982	0.007698	0.006252	0.004762	0.007586	0.00582	0.004628	0.007302	0.005354	0.00433	0.006839	0.004961	0.004251	0.006519	0.004707	0.004166	0.006372
Mother: Industry	0.021783	0.021594	0	0.018665	0.021742	0.003	0.020172	0.018885	-0.001	0.022206	0.017449	-0.005	0.030486	0.02034	-0.010**	0.02377	0.023718	0	0.022278	0.028328	0.006	0.023134	0.033099	0.010**	0.024649	0.028478	0.004
	0.003353	0.003192	0.004635	0.00302	0.002884	0.004162	0.003111	0.002529	0.003943	0.00332	0.00225	0.003802	0.003945	0.002424	0.004305	0.003069	0.002622	0.003995	0.002671	0.002849	0.003917	0.002563	0.003026	0.003979	0.002462	0.002862	0.003752
Mother: Trade/Transport/Hospitality	0.034983	0.049677	0.015**	0.032567	0.056969	0.024***	0.038095	0.066984	0.029***	0.039317	0.061016	0.022**	0.060064	0.063821	0.004	0.065654	0.059555	0.006	0.064591	0.073891	0.020***	0.059805	0.073039	0.013**	0.068429	0.074388	0.006
	0.004221	0.004771	0.006366	0.003961	0.004584	0.006077	0.004236	0.004645	0.006308	0.004379	0.004112	0.00599	0.005452	0.004197	0.006654	0.004537	0.004507	0.006434	0.004291	0.004348	0.006115	0.004436	0.004626	0.006417	0.004009	0.004515	0.006015
Father: Literate no school	0.11371	0.08492	-0.029***	0.108611	0.077895	-0.031***	0.097751	0.083619	-0.014	0.088194	0.091825	0.004	0.095278	0.079941	-0.015*	0.079722	0.074665	-0.005	0.075167	0.067546	-0.008	0.078778	0.085739	0.007	0.085286	0.071894	-0.013*
	0.008272	0.007122	0.011005	0.007911	0.006191	0.009993	0.00739	0.005977	0.009396	0.007219	0.005804	0.009036	0.007561	0.005462	0.008964	0.006237	0.005276	0.00809	0.005466	0.004947	0.007351	0.005251	0.00546	0.007587	0.005092	0.005091	0.007234
Father: College+	0.597017	0.585745	-0.011	0.582363	0.610578	0.028*	0.58997	0.592109	0.002	0.583798	0.592099	0.008	0.585709	0.5785	-0.007	0.591748	0.565774	-0.026*	0.616826	0.563401	-0.053***	0.599488	0.572115	-0.027**	0.606186	0.56702	-0.039***
	0.01278	0.012585	0.018001	0.012539	0.011264	0.016806	0.012239	0.010611	0.01606	0.012549	0.009876	0.015534	0.012685	0.009946	0.015685	0.011318	0.009949	0.014984	0.010078	0.009776	0.014043	0.009551	0.00965	0.013589	0.008907	0.009766	0.013192
Father:=Middle/Basic	0.08382	0.088108	0.004	0.081185	0.085837	0.005	0.077666	0.09365	0.016*	0.087264	0.096261	0.009	0.091054	0.092383	0.001	0.096694	0.121984	0.025***	0.090755	0.124733	0.034***	0.099945	0.124432	0.024***	0.101177	0.131711	0.031***
	0.007222	0.007242	0.010257	0.006944	0.006471	0.00947	0.00666	0.006984	0.029***	0.009117	0.007185	0.005927	0.006104	0.004722**	0.006064	0.004231	0.004	0.005604	0.004882	0.007891	0.020***	0.005905	0.006884	0.009	0.007039	0.005405	0.008	0.006429	0.007438	0.006
Father:=General HS	0.033245	0.053712	0.020***	0.033223	0.04583	0.013*	0.044105	0.055771	0.012	0.048772	0.053744	0.005	0.043967	0.058598	0.015**	0.053293	0.054728	0.001	0.046208	0.055605	0.009	0.053354	0.056822	0.003	0.051554	0.056226	0.005
	0.004671	0.00576	0.007385	0.004557	0.004831	0.00664	0.005109	0.004955	0.007091	0.005483	0.004532	0.006965	0.00528	0.004731	0.007042	0.005172	0.004565	0.006863	0.004352	0.004517	0.006292	0.004381	0.004515	0.006299	0.004031	0.00454	0.006048
Father:=Voc/Tech HS	0.040541	0.069718	0.029***	0.054828	0.056385	0.002	0.053231	0.052449	-0.001	0.057276	0.048965	-0.008	0.059772	0.048441	-0.011	0.06369	0.052726	-0.011	0.053243	0.060072	0.007	0.054482	0.047819	-0.007	0.047837	0.055909	0.008
	0.005139	0.006507	0.00825	0.005788	0.005328	0.007847	0.005586	0.004813	0.007309	0.005916	0.004337	0.007069	0.006105	0.004324	0.007168	0.005623	0.004486	0.00708	0.004654	0.004684	0.006615	0.004424	0.004162	0.006071	0.003891	0.004528	0.005933
Father:=College+	0.049533	0.057989	0.008	0.058411	0.06351	0.005	0.052092	0.059314	0.007	0.063249	0.048025	-0.015**	0.06372	0.063427	0	0.05179	0.05992	0.008	0.057271	0.064054	0.007	0.052821	0.064445	0.012*	0.042157	0.061904	0.020***
	0.005653	0.005971	0.008233	0.005963	0.005634	0.008186	0.005529	0.0051	0.007478	0.006197	0.004297	0.007216	0.00629	0.004909	0.007758	0.005103	0.004764	0.006986	0.004817	0.004826	0.006829	0.00436	0.004789	0.006492	0.003663	0.00475	0.005917
Father: Agriculture & Mining	0.117158	0.114667	-0.002	0.115107	0.116139	0.001	0.116258	0.12206	0.006	0.11507	0.109756	-0.005	0.114716	0.099151	-0.016	0.118799	0.093417	-0.025***	0.122935	0.083384	-0.040***	0.124447	0.089423	-0.035***	0.111931	0.087186	-0.025***
	0.008374	0.008135	0.011722	0.008099	0.007401	0.010945	0.007956	0.007068	0.010567	0.008118	0.006282	0.009963	0.008206	0.006007	0.009791	0.007446	0.005836	0.009294	0.006807	0.005448	0.008465	0.006413	0.005564	0.008489	0.005747	0.005557	0.008049
Father: Industry	0.112513	0.119097	0.007	0.094241	0.136734	0.042***	0.148821	0.141568	-0.007	0.130954	0.143283	0.012	0.132881	0.144777	0.012	0.151788	0.151747	0	0.158544	0.168381	0.01	0.168472	0.17512	0.007	0.172326	0.166448	-0.006
	0.008228	0.00827	0.011699	0.007414	0.007936	0.010861	0.008835	0.007527	0.011504	0.008583	0.00704	0.010857	0.008741	0.007073	0.010994	0.008258	0.007194	0.01088	0.007572	0.007374	0.010573	0.007294	0.007411	0.010409	0.006884	0.007338	0.010061
Father: Trade/Transport/Hospitality	0.322546	0.264724	-0.058***	0.31908	0.247938	-0.071***	0.271972	0.252101	-0.02	0.247266	0.25634	0.009	0.274951	0.26991	-0.005	0.279418	0.278161	-0.001	0.265409	0.271907	0.006	0.267646	0.259243	-0.008	0.265335	0.256977	-0.008
	0.012171	0.011264	0.016678	0.011828	0.009975	0.015418	0.011045	0.009376	0.014358	0.010976	0.008773	0.013697	0.011498	0.008923	0.014138	0.010327	0.008985	0.013596	0.009153	0.008768	0.012671	0.008628	0.008545	0.01215	0.008047	0.008608	0.011781
Bati Marmara	0.047885	0.043716	-0.004	0.047929	0.044823	-0.003	0.04417	0.045621	0.001	0.044905	0.04343	-0.001	0.046766	0.041897	-0.005*	0.04339	0.043947	0.001	0.044122	0.043484	-0.001	0.044915	0.04352	-0.001	0.043137	0.044808	0.002
	0.002744	0.002198	0.003447	0.0027	0.002026	0.003259	0.002498	0.001897	0.003026	0.002522	0.001712	0.002854	0.002528	0.001666	0.00282	0.002149	0.001689	0.002671	0.001674	0.002562	0.001848	0.001635	0.002457	0.001679	0.001648	0.002356	
Ege	0.136961	0.144804	0.008	0.141124	0.141953	0.001	0.144074	0.141974	-0.002	0.148448	0.136908	-0.012**	0.145129	0.134588	-0.011**	0.142743	0.132675	-0.010**	0.139377	0.134229	-0.005	0.13975	0.135874	-0.004	0.135668	0.132727	-0.003
	0.004418	0.003782	0.005746	0.004401	0.003417	0.005407	0.00427	0.003174	0.005112	0.004329	0.002887	0.004852	0.004217	0.002837	0.004756	0.003689	0.002797	0.004496	0.003325	0.002798	0.0043	0.003093	0.002746	0.00412	0.002829	0.002703	0.003914
Dogu Marmara	0.111375	0.103949	-0.007	0.109942	0.106702	-0.003	0.111456	0.115856	0.004	0.110263	0.109273	-0.001	0.10711	0.111781	0.005	0.103721	0.112205	0.008**	0.106342	0.114165	0.008**	0.116155	0.115737	0	0.109737	0.112673	0.003
	0.004043	0.00328	0.005113	0.003954	0.003023	0.004818	0.003826	0.00291	0.004639	0.003814	0.00262	0.004344	0.003702	0.00262	0.004293	0.003216	0.002601	0.004062	0.00296	0.00261	0.003926	0.002858	0.002563	0.003828	0.002582	0.002519	0.003612
Bati Anadolu	0.102725	0.110472	0.008	0.105842	0.110016	0.004	0.110393	0.107855	-0.003	0.111598	0.112642	0.001	0.11456	0.113547	-0.001	0.109611	0.11448	0.005	0.110319	0.113312	0.003	0.107067	0.110407	0.003	0.111124	0.110804	0
	0.003901	0.003369	0.005098	0.003889	0.003064	0.004815	0.00381	0.002821	0.004552	0.003834	0.002655	0.004387	0.003813	0.002638	0.004366	0.003295	0.002624	0.004126	0.003008	0.002601	0.003948	0.002758	0.002511	0.003724	0.002597	0.002501	0.003607
Akdeniz	0.11262	0.118782	0.006	0.118862	0.122621	0.004	0.116681	0.115732	-0.001	0.114963	0.1132	-0.002	0.118092	0.117167	-0.001	0.118474	0.112273	-0.006	0.123308	0.114921	-0.008**	0.115913	0.117323	0.001	0.114037	0.118523	0.004
	0.004062	0.003477	0.005283	0.004091	0.003212	0.005056	0.003904	0.002909	0.00468

	2015-2020			2016-2021			2017-2022			2018-2023			2019-2024		
	2015	2020	Differences	2016	2021	Differences	2017	2022	Differences	2018	2023	Differences	2019	2024	Differences
Log of hourly wage	2.524851	2.687116	0.162***	2.56509	2.703123	0.138***	2.612548	2.726717	0.114***	2.619381	2.768643	0.149***	2.616714	3.037613	0.421***
	0.004942	0.004224	0.006479	0.004858	0.004129	0.00634	0.004547	0.003886	0.005943	0.004356	0.00402	0.005924	0.00432	0.004067	0.005943
Female	0.275028	0.291225	0.016***	0.283627	0.297472	0.014***	0.282189	0.303798	0.022***	0.287846	0.309384	0.022***	0.30096	0.31875	0.018***
	0.003664	0.003633	0.005162	0.003674	0.003532	0.005094	0.003665	0.003474	0.005053	0.003606	0.003587	0.005101	0.003633	0.003514	0.005071
Age 15-19	0.038682	0	-0.039***	0.040792	0	-0.041***	0.032713	0	-0.033***	0.028963	0	-0.029***	0.030396	0	-0.030***
	0.001582	0	0.001542	0.001612	0	0.001543	0.001449	0	0.001352	0.001336	0	0.001277	0.00136	0	0.001273
Age 20-24	0.098071	0.088652	-0.009***	0.096743	0.084854	-0.012***	0.098073	0.095823	-0.002	0.100432	0.094319	-0.006*	0.092006	0.092107	0
	0.00244	0.002273	0.003331	0.002409	0.002153	0.00322	0.002422	0.002223	0.003282	0.002394	0.002268	0.0033	0.002289	0.00218	0.003169
Age 25-29	0.167951	0.1533	-0.015***	0.16391	0.151179	-0.013***	0.158423	0.151981	-0.006	0.154413	0.150982	-0.003	0.14926	0.156938	0.008*
	0.003067	0.002881	0.004204	0.003017	0.002767	0.004085	0.002973	0.002712	0.004016	0.002878	0.002778	0.004006	0.002822	0.002743	0.00395
Age 30-34	0.190948	0.171504	-0.019***	0.182368	0.168539	-0.014***	0.175596	0.163739	-0.012***	0.169071	0.160844	-0.008**	0.1724	0.160318	-0.012***
	0.003225	0.003015	0.00441	0.003147	0.002892	0.004264	0.003098	0.002795	0.004161	0.002985	0.002851	0.004132	0.002992	0.002766	0.004076
Age 35-39	0.164885	0.177608	0.013***	0.172881	0.170488	-0.002	0.175206	0.160701	-0.015***	0.171462	0.158297	-0.013***	0.172375	0.155736	-0.017***
	0.003044	0.003056	0.004317	0.003082	0.002905	0.004231	0.003096	0.002774	0.004143	0.003002	0.002833	0.004129	0.002991	0.002734	0.004051
Age 40-44	0.141904	0.161053	0.019***	0.141944	0.167098	0.025***	0.143713	0.163259	0.020***	0.150383	0.163289	0.013***	0.152498	0.158955	0.006
	0.002863	0.00294	0.004109	0.002844	0.002882	0.004057	0.002857	0.002792	0.004005	0.002847	0.002868	0.004055	0.002847	0.002757	0.003977
Age 45-49	0.104129	0.122434	0.018***	0.103751	0.127177	0.023***	0.110336	0.12316	0.013***	0.117862	0.125658	0.008**	0.119247	0.125675	0.006*
	0.002506	0.002621	0.003633	0.002485	0.002574	0.003588	0.002551	0.002482	0.003568	0.002568	0.002572	0.003646	0.002567	0.002499	0.003597
Age 50-54	0.064303	0.070863	0.007**	0.066845	0.073186	0.006**	0.070923	0.080802	0.010***	0.070838	0.082941	0.012***	0.073041	0.085069	0.012***
	0.002012	0.002052	0.002878	0.002035	0.002012	0.002865	0.00209	0.002058	0.002943	0.002043	0.00214	0.002974	0.002061	0.002104	0.002966
Age 60-64	0	0.015816	0.016***	0	0.015753	0.016***	0	0.01837	0.018***	0	0.019854	0.020***	0	0.019093	0.019***
	0	0.000998	0.001024	0	0.000962	0.001004	0	0.001014	0.001086	0	0.001083	0.001135	0	0.001032	0.001105
Head	0.532361	0.560784	0.028***	0.530038	0.567211	0.037***	0.534964	0.545742	0.011*	0.534358	0.535546	0.001	0.532517	0.524604	-0.008
	0.004094	0.003969	0.005701	0.004068	0.003828	0.005579	0.004062	0.003761	0.00553	0.003973	0.00387	0.005557	0.003952	0.003765	0.005472
Individual: Literate no school	0.031098	0.021734	-0.009***	0.03026	0.020969	-0.009***	0.030639	0.021319	-0.009***	0.026766	0.022597	-0.004**	0.025527	0.021428	-0.004**
	0.001424	0.001166	0.001832	0.001396	0.001107	0.001767	0.001403	0.001091	0.001755	0.001286	0.001153	0.001724	0.001249	0.001092	0.001654
Individual: Primary	0.253691	0.224798	-0.029***	0.24064	0.210929	-0.030***	0.245845	0.203672	-0.042***	0.241455	0.198111	-0.043***	0.229773	0.188252	-0.042***
	0.00357	0.003339	0.004883	0.003484	0.003152	0.004684	0.003506	0.003042	0.004617	0.003409	0.003093	0.004596	0.003332	0.002947	0.004437
Individual: Middle/Basic	0.17849	0.159137	-0.019***	0.178052	0.151573	-0.026***	0.175919	0.147014	-0.029***	0.182163	0.137584	-0.045***	0.179792	0.136453	-0.043***
	0.003142	0.002925	0.004288	0.003118	0.00277	0.004155	0.003101	0.002675	0.004071	0.003074	0.002673	0.00406	0.003041	0.002588	0.003973
Individual: General HS	0.116819	0.121795	0.005	0.113187	0.124062	0.011***	0.115894	0.138672	0.023***	0.114039	0.15439	0.040***	0.112567	0.153865	0.041***
	0.002635	0.002616	0.003715	0.002582	0.002547	0.00363	0.002607	0.00261	0.003705	0.002532	0.002804	0.003807	0.002503	0.002721	0.003739
Individual: Voc/Tech HS	0.115365	0.117131	0.002	0.117102	0.114579	-0.003	0.116562	0.110924	-0.006	0.112694	0.107502	-0.005	0.114759	0.105661	-0.009***
	0.002621	0.002572	0.003673	0.00262	0.002461	0.00359	0.002613	0.002372	0.003521	0.002519	0.002404	0.003485	0.002524	0.002318	0.003427
Individual: College+	0.289028	0.344576	0.056***	0.306561	0.36584	0.059***	0.303728	0.364651	0.061***	0.312721	0.367421	0.055***	0.325799	0.382242	0.056***
	0.003719	0.003801	0.005324	0.003758	0.003721	0.005294	0.003745	0.003636	0.005231	0.003693	0.003741	0.005276	0.003712	0.003664	0.005241
Mother: Literate no school	0.092969	0.113592	0.021***	0.08304	0.102617	0.020***	0.095726	0.097241	0.002	0.100677	0.086614	-0.014**	0.106755	0.091454	-0.015**
	0.004648	0.005531	0.007169	0.004421	0.005224	0.006804	0.004747	0.004905	0.006824	0.004805	0.004761	0.006763	0.004984	0.004806	0.006927
Mother: Primary	0.467665	0.476321	0.009	0.476861	0.478115	0.001	0.476153	0.490216	0.014	0.469525	0.487405	0.018	0.476864	0.498121	0.021*
	0.007986	0.008706	0.011807	0.008002	0.008598	0.011772	0.008058	0.008276	0.011549	0.007969	0.008461	0.011604	0.008061	0.008336	0.011617
Mother: Middle/Basic	0.034309	0.046543	0.012***	0.043374	0.058202	0.015***	0.04943	0.061295	0.012**	0.054456	0.066426	0.012**	0.045991	0.06486	0.019***
	0.002913	0.003672	0.004629	0.003263	0.00403	0.005137	0.003498	0.003971	0.005279	0.003623	0.004215	0.005538	0.003381	0.004106	0.005343
Mother: General HS	0.031225	0.042881	0.012***	0.031894	0.04375	0.012***	0.031718	0.044931	0.013***	0.033272	0.049172	0.016***	0.037755	0.061495	0.024***
	0.002784	0.003531	0.004439	0.002815	0.003521	0.004461	0.002828	0.003429	0.004428	0.002864	0.00366	0.004621	0.003076	0.004005	0.005079
Mother: Voc/Tech HS	0.019901	0.02946	0.010***	0.019329	0.038362	0.019***	0.021013	0.032433	0.011***	0.015927	0.033328	0.017***	0.022428	0.027438	0.005
	0.002235	0.002948	0.00364	0.002206	0.003306	0.003876	0.002314	0.002933	0.003718	0.001999	0.003038	0.003603	0.00239	0.002723	0.003636
Mother: College+	0.012768	0.029321	0.017***	0.018953	0.030415	0.011***	0.021458	0.037212	0.016***	0.021679	0.037809	0.016***	0.017962	0.036063	0.018***
	0.001797	0.002941	0.003337	0.002185	0.002956	0.003614	0.002338	0.003133	0.003887	0.002325	0.003299	0.003949	0.002144	0.003108	0.003804
Mother: Agriculture & Mining	0.086993	0.057339	-0.030***	0.082218	0.057352	-0.025***	0.072051	0.061135	-0.011*	0.07148	0.047746	-0.024***	0.063906	0.044331	-0.020***
	0.004508	0.004052	0.006154	0.004399	0.003998	0.006041	0.004171	0.003964	0.005762	0.004111	0.003606	0.005483	0.003947	0.003431	0.005223
Mother: Industry	0.02575	0.031723	0.006	0.028644	0.031054	0.002	0.030614	0.034271	0.004	0.038993	0.035445	-0.004	0.032624	0.030282	-0.002
	0.002533	0.003055	0.003934	0.002671	0.002983	0.004	0.002779	0.00301	0.004091	0.003089	0.003127	0.004393	0.002867	0.002856	0.004051
Mother: Trade/Transport/Hospitality	0.068873	0.067024	-0.002	0.077363	0.073142	-0.004	0.073915	0.096779	0.023***	0.08705	0.106082	0.019***	0.079289	0.114056	0.035***
	0.00405	0.004358	0.005953	0.004279	0.004477	0.00622	0.00422	0.004892	0.006443	0.004499	0.005208	0.006858	0.00436	0.005298	0.006893
Father: Literate no school	0.07929	0.059901	-0.019***	0.073762	0.049819	-0.024***	0.068041	0.05158	-0.016***	0.086336	0.044912	-0.041***	0.07288	0.040516	-0.032***
	0.004989	0.004733	0.006947	0.004793	0.004292	0.006557	0.004605	0.004204	0.006262	0.005106	0.004039	0.006562	0.004752	0.003794	0.006078
Father: College+	0.591904	0.573217	-0.019	0.576487	0.573421	-0.003	0.575592	0.567382	-0.008	0.577728	0.566351	-0.011	0.579346	0.551084	-0.028**
	0.009075	0.009865	0.013399	0.009061	0.009756	0.013351	0.009039	0.009417	0.013049	0.008979	0.009665	0.013158	0.009025	0.00957	0.013158
Father:=Middle/Basic	0.096252	0.120677	0.024***	0.124819	0.108313	-0.017*	0.120238	0.11257	-0.008	0.123728	0.118858	-0.005	0.128883	0.122092	-0.007
	0.005446	0.006497	0.008414	0.006061	0.00613	0.008692	0.005948	0.006008	0.00846	0.005986	0.006312	0.008682	0.006126	0.006299	0.008788
Father:=General HS	0.053434	0.060819	0.007	0.051428	0.077847	0.026***	0.053738	0.080506	0.027***	0.055054	0.087789	0.033***	0.055045	0.086729	0.032***
	0.004153	0.004767	0.006293	0.00405	0.005285	0.006565	0.004124	0.005171	0.00657	0.004146	0.005519	0.006836	0.00417	0.005415	0.006839
Father:=Voc/Tech HS	0.049562	0.057114	0.012**	0.049557	0.054586	0.005	0.05918	0.056666	-0.003	0.046932	0.059611	0.013**	0.05316	0.06955	0.016**
	0.00383	0.004628	0.005957	0.00398	0.004481	0.005986	0.004315	0.004395	0.006162	0.003845	0.004618	0.00597	0.004102	0.004895	0.006389
Father:=College+	0.058582	0.075404	0.017**	0.055606	0.080554	0.025***	0.059173	0.080925	0.022***	0.06068	0.076314	0.016**	0.055946	0.08226	0.026***
	0.004336	0.005266	0.006761	0.004202	0.005368	0.006734	0.004315	0.005184	0.006709	0.00434	0.005178	0.006715	0.004201	0.005287	0.006757
Father: Agriculture & Mining	0.101686	0.084408	-0.017**	0.093363	0.072743	-0.021***	0.083633	0.082322	-0.001	0.092165	0.059267	-0.033***	0.089368	0.067155	-0.022***
	0.00557	0.005544	0.007912	0.005331	0.005116	0.007483	0.005062	0.00522	0.007272	0.005258	0.0046	0.007017	0.005213	0.004815	0.007096
Father: Industry	0.164287	0.16105	-0.003	0.18338	0.176539	-0.007	0.194429	0.184116	-0.01	0.195477	0.191328	-0.004	0.182969	0.17897	-0.004
	0.006829	0.007331	0.010026	0.00709	0.010371	0.010761	0.007236	0.007361	0.010328	0.007208	0.007663	0.010498	0.007065	0.007374	0.010215
Father: Trade/Transport/Hospitality	0.286519	0.227165	-0.059***	0.286614	0.2432	-0.043***	0.281119	0.257293	-0.024**	0.266471	0.260301	-0.006	0.266409	0.262819	-0.004
	0.008333	0.008357	0.011874	0.008285	0.008451	0.011923	0.00822	0.008303	0.011692	0.008036	0.008548	0.011707	0.008078	0.008468	0.011705
Bati Marmara	0.041591	0.045857	0.004*	0.043264	0.045677	0.002	0.043156	0.046196	0.003	0.04304	0.047679	0.005**	0.044042	0.046525	0.002
	0.001638	0.001673	0.002344	0.001658	0.001613	0.002314	0.001655	0.001585	0.002295	0.001616	0.001654	0.002322	0.001625	0.001588	0.002282
Ege	0.133737	0.127887	-0.006	0.132826	0.130818	-0.002	0.133939	0.121204	-0.013***	0.13592	0.122877	-0.013***	0.133254	0.128607	-0.005
	0.002793	0.002671	0.003862	0.002766	0.002605	0.003795	0.002773	0.002465	0.003697	0.00273	0.002548	0.003733	0.002692	0.002524	0.003695
Dogu Marmara	0.111378	0.115451	0.004	0.111747	0.11457	0.003	0.113059	0.115802	0.003	0.114239	0.119215	0.005	0.110789	0.119471	0.009**
	0.002581	0.002556	0.003634	0.002568	0.002461	0.003555	0.002579	0.002417	0.003534	0.002534	0.002515	0.003579	0.002486	0.002446	0.003503
Bati Anadolu	0.112944	0.11029	-0.003	0.113495	0.10899	-0.005	0.112811	0.10917	-0.004	0.109879	0.114184	0.004	0.109153	0.109827	0.001
	0.002597	0.002505	0.003607	0.002585	0.002407	0.003527	0.002576	0.002355	0.003484	0.002491	0.002468	0.003516	0.00247	0.002358	0.003423
Akdeniz	0.116306	0.116331	0	0.113236	0.11631	0.003	0.11541	0.118779	0.003	0.117978	0.087087	-0.031***	0.119797	0.113266	-0.007*
	0.00263	0.002564	0.003673	0.002583	0.002477	0.003577	0.002602	0.002444	0.003569	0.002569	0.002188	0.00336	0.002572	0.00239	0.003513
Orta Anadolu	0.042488	0.041037	-0.001	0.042265	0.041205	-0.001	0.041989	0.041408	-0.001	0.041642	0.041969	0	0.041117	0.041266	0
	0.001655	0.001586	0.002292	0.00164	0.001536	0.002243	0.001633	0.001505	0.002218	0.001591	0.001556	0.00223	0.001573	0.0015	0.002179
Bati Karadeniz	0.048177	0.047115	-0.001	0.048089	0.046591	-0.001	0.047125	0.046034	-0.001	0.047911	0.045071	-0.003	0.048448	0.046913	-0.002
	0.001757	0.001695	0.00244	0.001744	0.001628	0.002382	0.001726	0.001583	0.002338	0.001701	0.00161	0.002343	0.0017	0.001594	0.002334
Dogu Karadeniz	0.029896	0.027732	-0.002	0.028501	0.027543	-0.001	0.0296	0.027281	-0.002	0.027444	0.027687	0	0.027689	0.02498	-0.003
	0.001397	0.001313	0.001916	0.001356	0.001264	0.001851	0.00138	0.00123	0.001842	0.001301	0.001273	0.001824	0.001299	0.001177	0.001751
Kuzey Dogu Anadolu	0.018834	0.016572	-0.002	0.020899	0.017483	-0.003**	0.020064	0.016762	-0.003**	0.018668	0.016834	-0.002	0.017848	0.016658	-0.001
	0.001115	0.001021	0.00151	0.001166	0.001013	0.001537	0.001142	0.00097	0.001488	0.001078	0.000998	0.001469	0.001049	0.000965	0.001425
Orta Dogu Anadolu	0.035705	0.032699	-0.003	0.035235	0.033145	-0.002	0.031438	0.033038	0.002	0.031683	0.035629	0.004**	0.032638	0.033094	0
	0.001522	0.001422	0.002081	0.001503	0.001383	0.002038	0.001421	0.00135	0.001962	0.001395	0.001438	0.002013	0.001407	0.001349	0.001955
Guney Dogu Anadolu	0.072956	0.073178	0	0.070362	0.076216	0.006**	0.072223	0.083379	0.011***	0.071191	0.087075	0.016***	0.072665	0.083017	0.010***
	0.002134	0.002083	0.002982	0.002084	0.00205	0.002926	0.002108	0.002088	0.002978	0.002048	0.002188	0.003015	0.002056	0.00208	0.002944

Table B3. Summary statistics for 10-year pairs, 2006-2024

	2006-2016			2007-2017			2008-2018			2009-2019			2010-2020			2011-2021			2012-2022			2013-2023			2014-2024		
	2006	2016	Differences	2007	2017	Differences	2008	2018	Differences	2009	2019	Differences	2010	2020	Differences	2011	2021	Differences	2012	2022	Differences	2013	2023	Differences	2014	2019	Differences
Log of hourly wage	2.306106	2.609433	0.303***	2.323789	2.650875	0.327***	2.376749	2.657069	0.280***	2.406191	2.652476	0.246***	2.41008	2.706025	0.296***	2.414807	2.72263	0.308***	2.415574	2.748064	0.332***	2.468848	2.787629	0.319***	2.501831	3.054369	0.553***
	0.007764	0.005186	0.008699	0.007407	0.004883	0.008239	0.007139	0.004663	0.007922	0.007538	0.004595	0.00806	0.007303	0.004485	0.007859	0.00647	0.004364	0.007402	0.005902	0.004127	0.006937	0.005435	0.004275	0.006822	0.004952	0.004332	0.006562
Female	0.208303	0.273766	0.065***	0.215949	0.272666	0.057***	0.222326	0.28032	0.058***	0.236044	0.292566	0.057***	0.234268	0.284549	0.050***	0.237586	0.292402	0.055***	0.249424	0.297898	0.048***	0.258299	0.304606	0.046***	0.26031	0.315798	0.055***
	0.005204	0.003822	0.006165	0.005202	0.003815	0.006148	0.005056	0.003753	0.006032	0.005171	0.003771	0.006103	0.00507	0.003757	0.006037	0.004489	0.00365	0.005686	0.004154	0.003606	0.005474	0.003905	0.003725	0.005428	0.003625	0.003643	0.00518
Age 15-19	0.069451	0	-0.069***	0.06176	0	-0.062***	0.059452	0	-0.059***	0.056833	0	-0.057***	0.053961	0	-0.054***	0.047948	0	-0.048***	0.044223	0	-0.044***	0.043529	0	-0.044***	0.042253	0	-0.042***
	0.003258	0	0.002411	0.003043	0	0.002288	0.002875	0	0.002176	0.002819	0	0.002715	0.002705	0	0.002076	0.002253	0	0.001827	0.001974	0	0.001683	0.00182	0	0.001646	0.001662	0	0.001543
Age 20-24	0.12249	0	-0.122***	0.113819	0	-0.114***	0.109993	0	-0.110***	0.107808	0	-0.108***	0.09988	0	-0.100***	0.093606	0	-0.094***	0.096496	0	-0.096***	0.097931	0	-0.098***	0.101646	0	-0.102***
	0.004201	0	0.003109	0.004015	0	0.003019	0.003804	0	0.002879	0.003776	0	0.002834	0.003589	0	0.002755	0.003072	0	0.002491	0.002835	0	0.002417	0.002652	0	0.002398	0.002497	0	0.002318
Age 25-29	0.191642	0.184534	-0.007	0.193745	0.177291	-0.016***	0.195738	0.172591	-0.023***	0.189797	0.165221	-0.025***	0.19271	0.16704	-0.026***	0.192191	0.163742	-0.028***	0.18435	0.166412	-0.018***	0.178793	0.164959	-0.014***	0.169028	0.171085	0.002
	0.005044	0.003325	0.00561	0.004996	0.003272	0.005537	0.004824	0.003158	0.005359	0.004775	0.003078	0.005256	0.004722	0.003106	0.005262	0.004156	0.00297	0.004897	0.003723	0.002937	0.004651	0.003418	0.003004	0.004539	0.003096	0.002951	0.004294
Age 30-34	0.184778	0.205514	0.021***	0.180316	0.196509	0.016***	0.186567	0.188974	0.002	0.184261	0.190835	0.007	0.191795	0.186875	-0.005	0.189689	0.182546	-0.007	0.190687	0.179287	-0.011**	0.192627	0.175733	-0.017***	0.186855	0.174771	-0.012***
	0.004973	0.003464	0.005708	0.00486	0.003404	0.005591	0.004737	0.003271	0.005419	0.004721	0.003257	0.005395	0.004713	0.003246	0.005384	0.004135	0.0031	0.005	0.003772	0.003025	0.004753	0.003518	0.00308	0.004663	0.003221	0.002976	0.004392
Age 35-39	0.160315	0.194628	0.034***	0.158755	0.196072	0.037***	0.157305	0.191646	0.034***	0.163812	0.190808	0.027***	0.161023	0.193526	0.033***	0.160138	0.184656	0.025***	0.158824	0.175861	0.017***	0.166763	0.172951	0.012***	0.16468	0.169776	0.005
	0.004701	0.003394	0.005511	0.00462	0.003401	0.005472	0.004427	0.003289	0.005284	0.004506	0.003257	0.005291	0.0044	0.00329	0.005266	0.003868	0.003114	0.00487	0.00351	0.003003	0.004586	0.003277	0.003061	0.004501	0.003064	0.002942	0.004267
Age 40-44	0.121365	0.160134	0.039***	0.1322	0.160829	0.029***	0.134702	0.168086	0.033***	0.134462	0.168805	0.034***	0.137652	0.175488	0.038***	0.144922	0.180985	0.036***	0.144416	0.178762	0.034***	0.143757	0.178405	0.035***	0.139435	0.173284	0.034***
	0.004184	0.003143	0.005026	0.004282	0.003147	0.005067	0.004151	0.003125	0.004994	0.004154	0.003105	0.004976	0.004124	0.003167	0.005016	0.003713	0.00309	0.004768	0.003375	0.003021	0.004528	0.00313	0.003098	0.004446	0.002862	0.002966	0.004164
Age 45-49	0.089292	0.117154	0.028***	0.088729	0.123477	0.035***	0.086155	0.131737	0.046***	0.091865	0.131999	0.040***	0.091538	0.133408	0.042***	0.096582	0.137746	0.041***	0.099935	0.134855	0.035***	0.101613	0.13729	0.036***	0.108085	0.137005	0.029***
	0.003654	0.002757	0.004401	0.003595	0.002818	0.004425	0.003412	0.002826	0.004358	0.003517	0.002805	0.004388	0.003452	0.002831	0.004372	0.003115	0.002766	0.004164	0.00288	0.002693	0.003968	0.002695	0.002785	0.00393	0.002565	0.002695	0.003762
Age 50-54	0.04287	0.075859	0.033***	0.048599	0.07937	0.031***	0.049917	0.079177	0.029***	0.050422	0.080852	0.030***	0.050307	0.077214	0.027***	0.052961	0.079268	0.026***	0.057202	0.088475	0.031***	0.05604	0.090619	0.035***	0.059974	0.092737	0.033***
	0.002596	0.002269	0.003444	0.002718	0.002316	0.003531	0.002648	0.002256	0.003446	0.002664	0.002259	0.003459	0.002617	0.002225	0.003389	0.002362	0.002168	0.003225	0.00223	0.002239	0.003214	0.002052	0.002323	0.003171	0.001962	0.002273	0.003058
Age 60-64	0	0.01902	0.019***	0	0.019151	0.019***	0	0.01822	0.018***	0	0.019293	0.019***	0	0.017234	0.017***	0	0.017062	0.017***	0	0.020115	0.020***	0	0.021692	0.022***	0	0.020815	0.021***
	0	0.001171	0.001475	0	0.001174	0.00146	0	0.001118	0.001388	0	0.00114	0.001424	0	0.001084	0.001331	0	0.001039	0.001244	0	0.001107	0.001281	0	0.001179	0.001305	0	0.001119	0.001209
Age 65-69	0	0.008146	0.008***	0	0.008114	0.008***	0	0.008688	0.009***	0	0.009264	0.009***	0	0.00697	0.007***	0	0.008801	0.009***	0	0.009964	0.010***	0	0.010479	0.010***	0	0.010264	0.010***
	0	0.00077	0.00097	0	0.000769	0.000955	0	0.000775	0.000963	0	0.000794	0.000992	0	0.000693	0.000851	0	0.00075	0.000897	0	0.000783	0.000906	0	0.000824	0.000912	0	0.00079	0.000854
Head	0.589268	0.607593	0.018***	0.57108	0.60805	0.037***	0.573321	0.604615	0.031***	0.562293	0.598076	0.036***	0.570621	0.603027	0.032***	0.572303	0.607246	0.035***	0.556663	0.592839	0.036***	0.544161	0.579718	0.036***	0.536916	0.567621	0.031***
	0.006304	0.004185	0.007039	0.006256	0.004182	0.007012	0.006014	0.004085	0.006818	0.006041	0.004063	0.006806	0.005926	0.004074	0.006763	0.005218	0.003919	0.006316	0.00477	0.003874	0.006053	0.004443	0.003995	0.005974	0.00412	0.003882	0.005678
Individual: Literate no school	0.035418	0.028871	-0.007***	0.029981	0.028365	-0.002	0.030912	0.026451	-0.004*	0.028772	0.025562	-0.003	0.026586	0.022443	-0.004*	0.02764	0.023585	-0.005**	0.025655	0.022956	-0.003***	0.023445	0.020435	0.023302	-0.003**	0.020104	0.023311	-0.006***
	0.002368	0.001435	0.002518	0.002156	0.001422	0.002399	0.002104	0.001341	0.002305	0.002035	0.001308	0.002237	0.001926	0.001233	0.002117	0.001729	0.001204	0.002011	0.001594	0.001181	0.001927	0.001508	0.001221	0.00192	0.001389	0.001182	0.001816
Individual: Primary	0.37894	0.282141	-0.097***	0.366701	0.284448	-0.082***	0.348707	0.279301	-0.069***	0.320358	0.263971	-0.056***	0.305863	0.245954	-0.060***	0.304614	0.229612	-0.075***	0.297908	0.224788	-0.073***	0.283589	0.217722	-0.066***	0.274915	0.206522	-0.068***
	0.006216	0.003858	0.006691	0.006092	0.003865	0.006639	0.005795	0.003749	0.006397	0.005682	0.003653	0.006246	0.005516	0.003586	0.00611	0.004854	0.003375	0.00564	0.004391	0.003292	0.005341	0.004021	0.00334	0.005185	0.003689	0.003172	0.004846
Individual: Middle/Basic	0.146909	0.129923	-0.017***	0.147849	0.13586	-0.012**	0.154271	0.14338	-0.011**	0.150532	0.14513	-0.005	0.163515	0.141757	-0.022***	0.162613	0.1404	-0.022***	0.162188	0.139033	-0.023***	0.171533	0.134006	-0.038***	0.175544	0.133351	-0.042***
	0.004536	0.002882	0.004944	0.004487	0.002935	0.00497	0.004392	0.002928	0.004928	0.004354	0.002919	0.004897	0.004427	0.002904	0.004927	0.003892	0.002788	0.004592	0.003539	0.002728	0.004367	0.003363	0.002757	0.004308	0.003143	0.002664	0.0041
Individual: General HS	0.12476	0.112542	-0.012***	0.127613	0.113209	-0.014***	0.131209	0.112239	-0.019***	0.131633	0.110516	-0.021***	0.128917	0.119945	-0.009**	0.123026	0.11816	-0.005	0.116498	0.128484	0.012***	0.114596	0.143072	0.028***	0.117346	0.142531	0.025***
	0.003982	0.002709	0.004632	0.004218	0.002714	0.004631	0.004105	0.002641	0.004517	0.004179	0.002599	0.004486	0.004012	0.002705	0.00453	0.003464	0.002705	0.004583	0.00398	0.002639	0.004028	0.002842	0.002834	0.004054	0.002659	0.00274	0.003855
Individual: Voc/Tech HS	0.11603	0.10601	-0.010**	0.122192	0.10542	-0.017***	0.124355	0.101728	-0.023***	0.132038	0.103602	-0.028***	0.133148	0.107585	-0.026***	0.129636	0.1017	-0.028***	0.125551	0.097941	-0.028***	0.126908	0.094484	-0.032***	0.118802	0.090348	-0.028***
	0.004104	0.002639	0.004502	0.00414	0.002631	0.004515	0.004012	0.002526	0.004367	0.004122	0.002526	0.004419	0.004067	0.00258	0.004449	0.003543	0.002426	0.004084	0.003181	0.002344	0.003836	0.00297	0.002367	0.003752	0.002673	0.002247	0.003472
Individual: College+	0.176747	0.321119	0.144***	0.188413	0.316647	0.128***	0.193	0.32194	0.129***	0.221307	0.335709	0.114***	0.228273	0.348603	0.120***	0.236891	0.371899	0.135***	0.251656	0.370244	0.119***	0.257874	0.372374	0.115***	0.269324	0.389284	0.120***
	0.004888	0.004002	0.006204	0.004943	0.003985	0.006194	0.004799	0.003904	0.006059	0.005055	0.003914	0.006189	0.005025	0.003968	0.006215	0.004484	0.003879	0.005896	0.004167	0.003808	0.00566	0.003903	0.003912	0.005586	0.003665	0.003821	0.005351
Mother: Literate no school	0.099776	0.089216	-0.011	0.121788	0.100848	-0.021**	0.120947	0.097683	-0.023**	0.114033	0.110649	-0.003	0.115615	0.12393	0.008	0.119634	0.103118	-0.017*	0.131513	0.100084	-0.031***	0.118543	0.086819	-0.032***	0.106032	0.090297	-0.016**
	0.006872	0.005793	0.00896	0.007302	0.006151	0.009617	0.007219	0.005976	0.009416	0.007161	0.006403	0.009645	0.007338	0.006826	0.010026	0.006538	0.006259	0.009184	0.006115	0.006073	0.008771	0.005512	0.005779	0.008032	0.004889	0.005756	0.007492
Mother: Primary	0.422337	0.427723	0.005	0.425962	0.421348	-0.005	0.414473	0.41209	-0.003	0.424628	0.427239	0.003	0.432566	0.434508	0.003	0.431443	0.430377	0.014	0.445383	0.461001	0.031**	0.467191	0.463178	0.006	0.463957	0.476244	0.012
	0.011326	0.010055	0.015106	0.011041	0.010085	0.015035	0.010908	0.009908	0.014785	0.011136	0.010098	0.015089	0.011369	0.010271	0.015329	0.009978	0.01023	0.014421	0.008959	0.010087	0.01352	0.008508	0.010231	0.013135	0.007919	0.010031	0.012518
Mother: Middle/Basic	0.622202	0.642628	0.020***	0.625571	0.64565	0.020***	0.633747	0.651654	0.018***	0.646433	0.646034	0	0.639426	0.647852	0.008	0.643283	0.653865	0.011*	0.640349	0.660561	0.020***	0.634985	0.660306	0.025***	0.634964	0.658185	0.023***
	0.003378	0.004106	0.005323	0.003524	0.004263	0.005524	0.003998	0.004455	0.005988	0.004741	0.004278	0.00641	0.004466	0.004422	0.006286	0.0041	0.004646	0.006203	0.003561	0.004827	0.005876	0.003133	0.004886	0.005537	0.002917	0.004702	0.005204
Mother: General HS	0.024825	0.034113	0.009*	0.022044	0.035624	0.014***	0.018517	0.039665	0.021***	0.027841	0.041081	0.013**	0.018995	0.045105	0.026***	0.02883	0.044733	0.016***	0.020328	0.042463	0.022***	0.023702	0.043594	0.020***	0.024275	0.061695	0.037***
	0.003568	0.003689	0.005128	0.003278	0.003786	0.005007	0.002985	0.003929	0.004923	0.003707	0.004051	0.005495	0.003133	0.004299	0.005317	0.003371	0.004254	0.005388	0.002554	0.00408	0.004628	0.002594	0.004191	0.004681	0.002444	0.004832	0.00494
Mother: Voc/Tech HS	0.022413	0.022011	0	0.021699	0.022491	0.001	0.018549	0.016459	-0.002	0.028969	0.024155	-0.005	0.026563	0.027908	0.001	0.019927	0.034675	0.015***	0.01916	0.033732	0.015***	0.019465	0.037214	0.018***	0.018246	0.028746	0.011***
	0.003394	0.002982	0.004596	0.003253	0.003029	0.004487	0.002561	0.003055	0.003779	0.003134	0.002935	0.00369	0.003412	0.003028	0.004215	0.003328	0.003765	0.004646	0.002481	0.003653	0.004284	0.002356	0.003885	0.004304	0.002125	0.003356	0.003749
Mother: College+	0.414045	0.019343	0.005	0.01468	0.02636	0.012***	0.01816	0.027864	0.010**	0.015809	0.022746	0.007*	0.022892	0.034173	0.011**	0.018134	0.036544	0.018***	0.019122	0.041428	0.022***	0.015127	0.041025	0.026***	0.015133	0.038406	0.023***
	0.002698	0.002799	0.003885	0.002685	0.003272	0.004227	0.002956	0.003313	0.004441	0.00281	0.003043	0.004146	0.003432	0.003764	0.005094	0.002688	0.003862	0.004625	0.002478	0.004033	0.004531	0.002081	0.004071	0.004249	0.001939	0.00386	0.003937
Mother: Agriculture & Mining	0.094059	0.071613	-0.022***	0.093642	0.062443	-0.031***	0.103642	0.06211	-0.042***	0.080386	0.057636	-0.023***	0.080749	0.059651	-0.021***	0.091897	0.049917	-0.042***	0.096937	0.049097	-0.048***	0.093374	0.040279	-0.053***	0.097347	0.040308	-0.057***
	0.006688	0.005237	0.008461	0.006501	0.00494	0.008244	0.006745	0.004853	0.008363	0.006126	0.004756	0.007802	0.006252	0.004905	0.007953	0.00582	0.004475	0.007568	0.005354	0.004369	0.007192	0.004961	0.00403	0.006641	0.004707	0.003949	0.00645
Mother: Industry	0.021068	0.014825	-0.006	0.018665	0.017283	-0.001	0.020172	0.024558	0.004	0.022206	0.019871	-0.002	0.030486	0.015923	-0.015***	0.02377	0.02358	0	0.022278	0.025457	0.003	0.023134	0.025287	0.002	0.024649	0.021585	-0.003
	0.00329	0.002455	0.004087	0.00302	0.002661	0.00405	0.003111	0.003112	0.004409	0.00332	0.002848	0.004394	0.003945	0.002593	0.004726	0.003069	0.003118	0.004417	0.002671	0.003185	0.004135	0.002563	0.003218	0.004037	0.002462	0.002918	0.003783
Mother: Trade/Transport/Hospitality	0.011628	0.020994	0.009**	0.012567	0.025747	0.020***	0.038695	0.05165	0.013**	0.039317	0.051957	0.013**	0.060064	0.056885	-0.009	0.053604	0.044285	-0.009	0.059805	0.068302	0.008	0.073039	0.087629	0.015**	0.068429	0.094592	0.026***
	0.002456	0.002885	0.003791	0.003961	0.004564	0.006042	0.004236	0.004657	0.006298	0.004379	0.004529	0.00631	0.005452	0.004552	0.007107	0.004537	0.004228	0.006304	0.004291	0.005101	0.006634	0.004436	0.005796	0.007125	0.004009	0.005877	0.006796
Father: Literate no school	0.114002	0.080124	-0.034***	0.108611	0.071859	-0.037***	0.097751	0.098101	0	0.088194	0.079686	-0.009	0.095278	0.067878	-0.027***	0.079722	0.056629	-0.023***	0.075167	0.046801	-0.028***	0.078778	0.042028	-0.037***	0.085286	0.042092	-0.043***
	0.008256	0.006702	0.01076	0.007911	0.00628	0.010288	0.00739	0.007172	0.010404	0.007219	0.006547	0.00987	0.007561	0.006172	0.009896	0.006237	0.005649	0.008639	0.005466	0.005117	0.007745	0.005251	0.004962	0.007434	0.005092	0.004836	0.007308
Father: College+	0.596889	0.559141	-0.038**	0.582363	0.551231	-0.031*	0.58997	0.549509	-0.040**	0.583798	0.548002	-0.036**	0.585709	0.551747	-0.034*	0.591748	0.546453	-0.045***	0.616826	0.559193	-0.058***	0.599488	0.557303	-0.042***	0.606186	0.528264	-0.078***
	0.012742	0.012256	0.017784	0.012539	0.012095	0.017578	0.012239	0.011997	0.017305	0.012549	0.012032	0.017558	0.012685	0.012202	0.017728	0.011318	0.012168	0.016758	0.010078	0.012027	0.015642	0.009551	0.012284	0.015189	0.008907	0.012023	0.014488
Father:=Middle/Basic	0.084372	0.104998	0.021**	0.081185	0.117417	0.036***	0.077666	0.115369	0.038***	0.087264	0.130057	0.043***	0.091054	0.117108	0.026**	0.096694	0.100327	0.004	0.090755	0.102832	0.012	0.099945	0.119081	0.019**	0.101177	0.127072	0.026***
	0.00722	0.007567	0.010488	0.006944	0.007828	0.010477	0.006665	0.007703	0.010184	0.007185	0.008132	0.010867	0.007408	0.00789	0.010854	0.008205	0.006804	0.010885	0.007343	0.008302	0.008	0.010739	0.009386	0.010586	0.008001	0.005498	0.009267
Father:=General HS	0.033087	0.057324	0.024***	0.033223	0.060163	0.027***	0.044105	0.061207	0.017**	0.048772	0.061246	0.012	0.043967	0.059158	0.015*	0.053293	0.083075	0.030***	0.046208	0.077708	0.032***	0.053354	0.084497	0.031***	0.051554	0.078963	0.027***
	0.004646	0.005738	0.007361	0.004557	0.005783	0.007328	0.005109	0.00578	0.007725	0.005483	0.005797	0.008019	0.00528	0.005789	0.007848	0.005172	0.006746	0.0084	0.004352	0.006485	0.007528	0.004381	0.006878	0.007698	0.004031	0.006495	0.007142
Father:=Voc/Tech HS	0.040348	0.053694	0.013*	0.054828	0.05761	0.003	0.053231	0.042098	-0.011	0.057276	0.049297	-0.008	0.059772	0.054304	-0.005	0.06369	0.052521	-0.011	0.053243	0.059465	0.006	0.054482	0.057644	0.003	0.047837	0.066123	0.018***
	0.005111	0.005564	0.007566	0.005788	0.005666	0.008167	0.005586	0.004842	0.007517	0.005916	0.005234	0.008009	0.006105	0.00556	0.008335	0.005623	0.005452	0.007985	0.004654	0.005729	0.007323	0.004424	0.005764	0.007077	0.003891	0.005985	0.00673
Father:=College+	0.049298	0.067491	0.018**	0.058411	0.070429	0.012	0.052092	0.076736	0.025***	0.063249	0.069679	0.006	0.06372	0.089815	0.026***	0.05179	0.097065	0.045***	0.057271	0.097787	0.041***	0.052821	0.088836	0.036***	0.042157	0.102109	0.060***
	0.005624	0.006193	0.008373	0.005963	0.006222	0.008662	0.005529	0.006418	0.008471	0.006197	0.006155	0.008805	0.00629	0.007015	0.009431	0.005103	0.007236	0.008676	0.004817	0.007195	0.008343	0.00436	0.007036	0.00778	0.003663	0.007292	0.007335
Father: Agriculture & Mining	0.122004	0.098719	-0.023**	0.115107	0.085855	-0.029***	0.116258	0.088455	-0.028***	0.11507	0.086931	-0.028***	0.114716	0.090192	-0.025**	0.118799	0.070644	-0.048***	0.122935	0.07648	-0.046***	0.124447	0.052605	-0.072***	0.111931	0.066835	-0.045***
	0.008496	0.007352	0.011342	0.008099	0.006811	0.010755	0.007956	0.006645	0.010686	0.008118	0.006805	0.01077	0.00826	0.006206	0.007929	0.010934	0.007446	0.010652	0.006251	0.006807	0.006433	0.006672	0.005513	0.008851	0.005747	0.006013	0.00849
Father: Industry	0.169422	0.115619	-0.054***	0.094241	0.111561	0.017	0.148821	0.121177	-0.028**	0.130954	0.114281	-0.017	0.132881	0.114454	-0.018	0.151788	0.127637	-0.024**	0.158544	0.13109	-0.027**	0.168472	0.136056	-0.032***	0.172326	0.122628	-0.050***
	0.009738	0.007882	0.012675	0.007414	0.007654	0.010718	0.008835	0.007866	0.01202	0.008583	0.007685	0.011674	0.008741	0.007812	0.011843	0.008258	0.008141	0.011798	0.007572	0.008169	0.011275	0.007294	0.008466	0.011102	0.006884	0.007898	0.010493
Father: Trade/Transport/Hospitality	0.158459	0.128074	-0.030**	0.31908	0.229121	-0.090***	0.271972	0.213794	-0.058***	0.247266	0.214153	-0.033**	0.274951	0.179938	-0.095***	0.279418	0.18498	-0.094***	0.265409	0.213391	-0.052***	0.267646	0.210592	-0.057***	0.265335	0.219771	-0.046***
	0.009479	0.008237	0.012675	0.011828	0.010217	0.015865	0.011045	0.009883	0.015056	0.010976	0.009909	0.014979	0.011498	0.009425	0.015072	0.010327	0.009473	0.014363	0.009153	0.009916	0.013652	0.008628	0.010068	0.013161	0.008047	0.00997	0.01263
Bati Marmara	0.048141	0.044659	-0.003	0.047929	0.042961	-0.005*	0.04417	0.04364	-0.001	0.044905	0.045032	0	0.046766	0.045677	-0.001	0.04339	0.045572	0.002	0.044122	0.046513	0.002	0.044915	0.047899	0.003	0.043137	0.046566	0.003
	0.002743	0.00177	0.003015	0.0027	0.001737	0.002964	0.002498	0.001707	0.002841	0.002522	0.001719	0.002862	0.002528	0.001738	0.002885	0.002149	0.001674	0.002655	0.001972	0.001661	0.002553	0.001848	0.001728	0.00254	0.001679	0.001651	0.002369
Ege	0.137591	0.135208	0.002	0.141124	0.135902	-0.006	0.144074	0.137278	-0.007	0.148448	0.133118	-0.015***	0.145129	0.128124	-0.017***	0.142743	0.131847	-0.011**	0.139377	0.12265	-0.017***	0.13975	0.126361	-0.013***	0.135668	0.130304	-0.005
	0.004414	0.002931	0.004929	0.004401	0.002928	0.004919	0.00427	0.002876	0.004817	0.004329	0.002815	0.004788	0.004217	0.002783	0.004708	0.003689	0.002715	0.004416	0.003325	0.002587	0.004123	0.003093	0.002689	0.004084	0.002829	0.002638	0.003877
Dogu Marmara	0.111259	0.112569	0.001	0.109942	0.113543	0.004	0.111456	0.11698	0.006	0.110263	0.113983	0.004	0.10711	0.11608	0.009**	0.103721	0.11387	0.010**	0.106342	0.115379	0.009**	0.116155	0.118768	0.003	0.109737	0.118835	0.009**
	0.004029	0.002709	0.004532	0.003954	0.002718	0.004501	0.003826	0.002685	0.004418	0.003814	0.002634	0.004361	0.003702	0.002667	0.004337	0.003216	0.002549	0.004013	0.00296	0.002519	0.003856	0.002858	0.002618	0.003883	0.002582	0.002536	0.003642
Bati Anadolu	0.102364	0.116676	0.014***	0.105842	0.115838	0.010**	0.110393	0.113381	0.003	0.111598	0.113068	0.001	0.11456	0.110383	-0.004	0.109611	0.108382	-0.001	0.110319	0.10778	-0.003	0.107067	0.112451	0.005	0.111124	0.109855	-0.001
	0.003884	0.002752	0.004503	0.003889	0.002742	0.004491	0.00381	0.002649	0.004376	0.003834	0.

	0.001725	0.001209	0.001987	0.001712	0.00119	0.001961	0.001639	0.001123	0.001867	0.001621	0.001088	0.001824	0.001491	0.001048	0.001723	0.001354	0.001049	0.001668	0.001169	0.001017	0.001542	0.001084	0.001036	0.001509	0.001049	0.001004	0.001458
Orta Dogu Anadolu	0.028529	0.034237	0.006**	0.030027	0.031442	0.001	0.03274	0.031672	-0.001	0.032511	0.031968	-0.001	0.033296	0.03223	-0.001	0.033234	0.032903	0	0.033383	0.031848	-0.002	0.037049	0.035267	-0.002	0.036099	0.032536	-0.004*
	0.002133	0.001559	0.002519	0.002157	0.001495	0.002467	0.002164	0.001463	0.002447	0.002159	0.001458	0.002438	0.002148	0.001471	0.002446	0.00189	0.001432	0.002299	0.001725	0.001385	0.002175	0.001685	0.001493	0.002247	0.001541	0.00139	0.002075
Guney Dogu Anadolu	0.045816	0.064518	0.002	0.061082	0.067866	0.007*	0.064106	0.06589	0.002	0.066759	0.067281	0.001	0.066677	0.071257	0.005	0.064391	0.075087	0.011***	0.070501	0.080395	0.010***	0.067411	0.085139	0.018***	0.070425	0.081745	0.011***
	0.003114	0.002106	0.003513	0.003027	0.002155	0.003515	0.002978	0.002073	0.003423	0.003039	0.002076	0.003454	0.002986	0.002142	0.00349	0.002589	0.002115	0.003288	0.002458	0.002144	0.003248	0.002237	0.002259	0.003216	0.002114	0.002147	0.003039

Table B4. Estimates of hourly wage model for 3-year pairs, 2006-2024

	2006-2009		2007-2010		2008-2011		2009-2012		2010-2013		2011-2014		2012-2015		2013-2016		2014-2017		2015-2018		2016-2019		2017-2020		2018-2021	
	2006	2009	2007	2010	2008	2011	2009	2012	2010	2013	2011	2014	2012	2015	2013	2016	2014	2017	2015	2018	2016	2019	2017	2020	2018	2021
Female	-0.018	-0.060**	-0.048**	-0.085***	-0.040	-0.027	-0.060**	-0.034	-0.085***	-0.057***	-0.027	-0.056***	-0.034	-0.056***	-0.057***	-0.074***	-0.056***	-0.057***	-0.056***	-0.060***	-0.074***	-0.048***	-0.057***	-0.038**	-0.060***	-0.045**
	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Age 15-19	-0.370	-0.518***	0.305	-0.461	-0.519	-0.406***	-0.518***	-0.485***	-0.461	-0.719**	-0.406***	-0.335	-0.485***	-0.177	-0.719**	-0.729**	-0.335	-0.058	-0.177	-0.281	-0.728**	-0.516***	-0.058	-0.959***	-0.281	-0.221
	(0.30)	(0.14)	(0.77)	(0.33)	(0.33)	(0.15)	(0.14)	(0.10)	(0.33)	(0.32)	(0.15)	(0.34)	(0.10)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.24)
Age 20-24	-0.214	-0.283**	0.421	-0.236	-0.361	-0.229	-0.283**	-0.366***	-0.236	-0.550*	-0.229	-0.213	-0.366***	-0.022	-0.550*	-0.514*	-0.213	0.106	-0.022	-0.109	-0.514*	-0.318**	0.106	-0.764***	-0.109	-0.031
	(0.30)	(0.13)	(0.77)	(0.32)	(0.33)	(0.15)	(0.13)	(0.10)	(0.32)	(0.32)	(0.15)	(0.34)	(0.10)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.23)
Age 25-29	-0.065	-0.188	0.545	-0.103	-0.258	-0.129	-0.188	-0.231**	-0.103	-0.447	-0.129	-0.129	-0.231**	0.068	-0.447	-0.404	-0.129	0.172	0.068	0.026	-0.404	-0.203	0.172	-0.662***	0.026	0.087
	(0.30)	(0.13)	(0.77)	(0.32)	(0.33)	(0.15)	(0.13)	(0.10)	(0.32)	(0.32)	(0.15)	(0.34)	(0.10)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.23)
Age 30-34	-0.029	-0.108	0.618	-0.021	-0.169	-0.036	-0.108	-0.162	-0.021	-0.392	-0.036	-0.075	-0.162	0.158	-0.392	-0.335	-0.075	0.253	0.158	0.068	-0.335	-0.159	0.253	-0.593***	0.068	0.154
	(0.30)	(0.13)	(0.77)	(0.32)	(0.33)	(0.15)	(0.13)	(0.10)	(0.32)	(0.32)	(0.15)	(0.34)	(0.10)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.23)
Age 35-39	0.010	0.005	0.592	-0.030	-0.198	0.030	0.005	-0.063	-0.030	-0.281	0.030	-0.016	-0.063	0.181	-0.281	-0.349	-0.016	0.287	0.181	0.144	-0.349	-0.057	0.287	-0.596***	0.144	0.177
	(0.30)	(0.14)	(0.77)	(0.33)	(0.33)	(0.16)	(0.14)	(0.11)	(0.33)	(0.32)	(0.16)	(0.34)	(0.11)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.24)
Age 40-44	0.257	0.274*	0.869	0.261	-0.066	0.067	0.274*	-0.034	0.261	-0.280	0.067	0.038	-0.034	0.240	-0.280	-0.214	0.038	0.266	0.240	0.110	-0.214	-0.167	0.266	-0.618***	0.110	0.177
	(0.31)	(0.16)	(0.77)	(0.33)	(0.34)	(0.17)	(0.16)	(0.12)	(0.33)	(0.32)	(0.17)	(0.34)	(0.12)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.24)
Age 45-49	0.104	0.000	0.689	0.248	-0.222	0.000	0.000	0.000	0.248	-0.262	0.000	0.316	0.000	0.533	-0.262	-0.161	0.316	0.485**	0.533	0.189	-0.161	-0.129	0.485**	-0.519**	0.189	0.245
	(0.34)	(.)	(0.78)	(0.38)	(0.35)	(.)	(.)	(.)	(0.38)	(0.33)	(.)	(0.35)	(.)	(0.58)	(0.33)	(0.30)	(0.35)	(0.23)	(0.58)	(0.20)	(0.30)	(0.17)	(0.23)	(0.23)	(0.20)	(0.24)
Age 50-54	0.000	-0.164	0.834	0.000	0.118	0.377	-0.164	-0.141	0.000	-0.177	0.377	-0.084	-0.141	0.341	-0.177	-0.128	-0.084	0.756***	0.341	0.222	-0.128	0.184	0.756***	-0.482*	0.222	0.221
	(.)	(0.69)	(0.95)	(.)	(0.45)	(0.33)	(0.69)	(0.33)	(.)	(0.41)	(0.33)	(0.38)	(0.33)	(0.60)	(0.41)	(0.32)	(0.38)	(0.25)	(0.60)	(0.22)	(0.32)	(0.20)	(0.25)	(0.25)	(0.22)	(0.26)
Age 60-64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)
Age 65-69	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)
Head	0.115	0.118	0.033	0.219***	-0.004	0.073	0.118	0.170***	0.219***	0.155***	0.073	0.034	0.170***	-0.006	0.155***	0.097*	0.034	0.064	-0.006	0.006	0.097*	0.005	0.064	0.038	0.006	0.077**
	(0.09)	(0.08)	(0.07)	(0.08)	(0.07)	(0.07)	(0.08)	(0.06)	(0.08)	(0.06)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)
Individual: Literate no school	0.121	0.000	0.035	0.084	0.146	0.039	0.080	-0.145	0.084	-0.055	0.039	0.112	-0.145	0.126	-0.055	0.051	0.112	0.057	0.126	-0.023	0.051	0.074	0.057	0.160	-0.023	-0.068
	(0.11)	(0.13)	(0.11)	(0.16)	(0.11)	(0.13)	(0.13)	(0.11)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.10)	(0.10)	(0.09)	(0.12)	(0.10)	(0.10)	(0.14)	(0.09)	(0.09)	(0.10)	(0.11)	(0.14)	(0.15)
Individual: Primary	0.073	0.068	0.158	0.082	0.148	0.104	0.068	-0.118	0.082	-0.056	0.104	0.051	-0.118	0.020	-0.056	-0.029	0.051	-0.004	0.020	-0.099	-0.029	0.042	-0.004	0.191*	-0.099	0.023
	(0.10)	(0.12)	(0.10)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.09)	(0.10)	(0.08)	(0.12)	(0.10)	(0.09)	(0.14)	(0.08)	(0.09)	(0.10)	(0.10)	(0.14)	(0.15)
Individual: Middle/Basic	0.127	0.079	0.158	0.171	0.180*	0.206*	0.079	-0.054	0.171	-0.022	0.206*	0.110	-0.054	0.075	-0.022	0.122	0.110	0.096	0.075	-0.034	0.122	0.144*	0.096	0.250**	-0.034	0.068
	(0.10)	(0.12)	(0.10)	(0.16)	(0.10)	(0.12)	(0.12)	(0.10)	(0.16)	(0.09)	(0.12)	(0.12)	(0.10)	(0.09)	(0.09)	(0.08)	(0.12)	(0.09)	(0.09)	(0.14)	(0.08)	(0.08)	(0.09)	(0.10)	(0.14)	(0.14)
Individual: General HS	0.193*	0.217*	0.248**	0.250	0.214**	0.240*	0.217*	0.010	0.250	0.107	0.240*	0.256**	0.010	0.193**	0.107	0.221***	0.256**	0.174*	0.193**	0.063	0.221***	0.249***	0.174*	0.365***	0.063	0.172
	(0.10)	(0.12)	(0.10)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.10)	(0.10)	(0.08)	(0.12)	(0.10)	(0.09)	(0.14)	(0.08)	(0.08)	(0.10)	(0.10)	(0.14)	(0.14)
Individual: Voc/Tech HS	0.309***	0.273**	0.354***	0.298*	0.311***	0.371***	0.273**	0.128	0.298*	0.184*	0.371***	0.281**	0.128	0.217**	0.184*	0.221***	0.281**	0.211**	0.217**	0.062	0.221***	0.274***	0.211**	0.390***	0.062	0.186
	(0.10)	(0.13)	(0.10)	(0.16)	(0.10)	(0.13)	(0.13)	(0.11)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.09)	(0.10)	(0.08)	(0.12)	(0.10)	(0.09)	(0.14)	(0.08)	(0.08)	(0.10)	(0.10)	(0.14)	(0.14)
Individual: College+	0.498***	0.599***	0.628***	0.618***	0.587***	0.711***	0.599***	0.413***	0.618***	0.457***	0.711***	0.538***	0.413***	0.498***	0.457***	0.469***	0.538***	0.412***	0.498***	0.283**	0.469***	0.463***	0.412***	0.543***	0.283**	0.397***
	(0.11)	(0.13)	(0.10)	(0.16)	(0.10)	(0.13)	(0.13)	(0.11)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.09)	(0.10)	(0.08)	(0.12)	(0.10)	(0.09)	(0.14)	(0.08)	(0.08)	(0.10)	(0.10)	(0.14)	(0.14)
Mother: Literate no school	0.068	-0.019	-0.018	-0.072*	0.067*	-0.042	-0.019	-0.049	-0.072*	-0.031	-0.042	0.009	-0.049	-0.004	-0.031	0.022	0.009	0.076***	-0.004	0.036	0.022	0.015	0.076***	0.003	0.036	0.017
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Mother: Primary	0.071**	0.023	0.036	0.001	0.024	-0.024	0.023	0.029	0.001	-0.050**	-0.024	0.000	0.029	0.029	-0.050**	0.043**	0.029	0.050**	0.043**	-0.001	0.043**	-0.001	0.049**	0.008	0.050**	0.023
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Mother: Middle/Basic	0.131	0.055	0.117*	-0.027	0.002	0.005	0.055	0.007	-0.027	-0.085*	0.005	0.019	0.007	0.062	-0.085*	0.136***	0.019	0.087**	0.062	0.044	0.136***	-0.009	0.087**	-0.036	0.044	-0.003
	(0.08)	(0.06)	(0.07)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.03)
Mother: General HS	0.243***	0.127	0.239***	0.184**	0.126	0.090	0.127	0.040	0.184**	0.058	0.090	0.027	0.040	0.176***	0.058	0.250***	0.027	0.201***	0.176***	0.057	0.250***	0.084**	0.201***	0.020	0.057	0.024
	(0.09)	(0.08)	(0.08)	(0.08)	(0.09)	(0.07)	(0.08)	(0.07)	(0.08)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Mother: Voc/Tech HS	0.115	0.097	0.162**	0.094	0.133	0.016	0.097	0.065	0.094	0.095	0.016	0.050	0.065	0.115*	0.095	0.256***	0.050	0.182***	0.115*	0.256***	0.256***	0.064	0.182***	0.098**	0.256***	0.053
	(0.09)	(0.08)	(0.08)	(0.07)	(0.09)	(0.07)	(0.08)	(0.07)	(0.08)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.06)	(0.06)	(0.05)	(0.05)	(0.05)	(0.06)	(0.04)
Mother: College+	0.358***	0.418***	0.202	0.251***	0.290**	0.202**	0.418***	0.332***	0.251***	0.042	0.202**	0.162**	0.332***	0.303***	0.042	0.262***	0.162**	0.227***	0.303***	0.157***	0.262***	0.051	0.227***	0.101*	0.157***	0.102**
	(0.13)	(0.11)	(0.13)	(0.09)	(0.11)	(0.09)	(0.11)	(0.08)	(0.09)	(0.07)	(0.09)	(0.08)	(0.08)	(0.08)	(0.07)	(0.06)	(0.08)	(0.06)	(0.08)	(0.06)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)
Mother: Agriculture & Mining	-0.057	0.138**	0.059	0.002	-0.061	-0.101**	0.138**	0.078**	0.002	0.025	-0.101**	0.008	0.078**	0.056*	0.025	-0.025	0.008	0.001	0.056*	0.041	-0.025	0.016	0.001	-0.012	0.041	-0.030
	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Mother: Industry	0.002	-0.019	0.001	-0.019	-0.011	0.019	-0.019	-0.011	-0.019	0.011	0.019	0.034	-0.011	-0.063	0.011	0.004	0.034	0.009	-0.063	-0.046	0.004	0.036	0.009	-0.025	-0.046	0.054
	(0.08)	(0.08)	(0.08)	(0.07)	(0.08)	(0.07)	(0.08)	(0.06)	(0.07)	(0.05)	(0.07)	(0.04)	(0.06)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Mother: Trade/Transport/Hospitality	-0.130*	0.124**	-0.076	-0.006	0.004	-0.040	0.124**	0.072*	-0.006	-0.022	-0.040	-0.051*	0.072*	-0.058**	-0.022	0.001	-0.051*	0.016	-0.058**	-0.074***	0.001	-0.062**	-0.016	-0.038	-0.074***	-0.029
	(0.07)	(0.06)	(0.06)	(0.05)	(0.06)	(0.04)	(0.06)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)
Father: Literate no school	0.138**	-0.009	0.097*	0.049	-0.038	-0.005	-0.009	0.106**	0.049	0.056	-0.005	0.078*	0.106**	0.042	0.056	0.082*	0.078*	0.063	0.042	-0.028	0.082*	0.100**	0.063	-0.005	-0.028	0.030
	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.05)
Father: College+	0.152***	0.064	0.083*	0.082	0.048	0.027	0.064	0.056	0.082	0.064	0.027	0.107***	0.056	0.033	0.064	0.049	0.107***	0.054*	0.033	0.017	0.049	0.107***	0.054*	0.074**	0.017	0.038
	(0.05)	(0.05)	(0.04)	(0.06)	(0.05)	(0.05)	(0.05)	(0.04)	(0.06)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.04)	(0.04)
Father:=Middle/Basic	0.173***	0.149**	0.111*	0.104	-0.008	0.014	0.149**	0.072	0.104	0.106**	0.014	0.152***	0.072	0.118***	0.106**	0.117***	0.152***	0.071*	0.118***	0.077*	0.117***	0.104***	0.071*	0.165***	0.077*	-0.005
	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Father:=General HS	0.170**	0.157**	0.102	0.232***	0.109	0.175***	0.157**	0.130**	0.232***	0.188***	0.175***	0.132***	0.130**	0.082*	0.188***	0.075	0.132***	0.079*	0.082*	0.114**	0.075	0.115***	0.079*	0.066	0.114**	0.039
	(0.08)	(0.08)	(0.07)	(0.08)	(0.07)	(0.06)	(0.08)	(0.06)	(0.08)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.04)	(0.05)	(0.04)
Father:=Voc/Tech HS	0.362***	0.062	0.230***	0.223***	0.111	0.080	0.062	0.162***	0.223***	0.228***	0.080	0.234***	0.162***	0.100**	0.228***	0.113**	0.234***	0.123***	0.100**	0.112**	0.113**	0.116**	0.123***	0.113**	0.112**	0.136***
	(0.08)	(0.07)	(0.06)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.04)	(0.05)	(0.05)
Father:=College+	0.265***	0.205***	0.132*	0.220***	0.079	0.103	0.205***	0.147**	0.220***	0.225***	0.103	0.302***	0.147**	0.162***	0.225***	0.164***	0.302***	0.228***	0.162***	0.174***	0.164***	0.267***	0.228***	0.269***	0.174***	0.207***
	(0.08)	(0.08)	(0.07)	(0.08)	(0.07)	(0.07)	(0.08)	(0.07)	(0.08)	(0.06)	(0.07)	(0.06)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)
Father: Agriculture & Mining	0.016	-0.143***	-0.055	0.025	0.045	0.043	-0.143***	-0.127***	0.025	-0.001	0.043	0.019	-0.127***	-0.004	-0.001	0.041	0.019	0.040	-0.004	-0.031	0.041	-0.070**	0.040	-0.042	-0.031	-0.022
	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Father: Industry	-0.067	0.035	-0.003	0.058	-0.054	-0.042	0.035	-0.049*	0.058	-0.025	-0.042	-0.014	-0.049*	0.011	-0.025	0.020	-0.014	0.032	0.011	0.030	0.020	-0.015	0.032	0.017	0.030	0.040**
	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.04)	(0.03)	(0.04)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Father: Trade/Transport/Hospitality	0.009	-0.010	-0.030	0.005	-0.035	-0.033	-0.010	-0.046**	0.005	-0.041**	-0.033	-0.007	-0.046**	-0.056***	-0.041**	-0.032	-0.007	-0.003	-0.056***	0.015	-0.032	-0.003	-0.003	0.022	0.015	0.000
	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Bati Marmara	-0.150**	-0.157**	-0.207***	-0.242***	-0.146**	-0.143**	-0.157**	-0.113**	-0.243***	-0.166***	-0.143**	-0.191***	-0.113**	-0.114***	-0.166***	-0.193***	-0.191***	-0.183***	-0.114***	-0.134***	-0.193***	-0.107***	-0.183***	-0.150***	-0.134***	-0.092**
	(0.07)	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.07)	(0.05)	(0.06)	(0.04)	(0.06)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Ege	-0.266***	-0.213***	-0.296***	-0.239***	-0.191***	-0.102***	-0.213***	-0.112***	-0.239***	-0.153***	-0.102***	-0.161***	-0.112***	-0.123***	-0.153***	-0.097***	-0.161***	-0.203***	-0.123***	-0.129***	-0.097***	-0.119***	-0.203***	-0.119***	-0.129***	-0.128**
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Dogu Marmara	-0.031	-0.067	-0.031	-0.020	0.051	0.008	-0.067	-0.033	-0.020	-0.061**	0.008	-0.063**	-0.033	-0.073***	-0.061**	-0.058**	-0.063**	-0.111***	-0.073***	-0.072***	-0.058**	-0.096***	-0.111***	-0.042*	-0.072***	-0.038
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)
Bati Anadolu	-0.155***	-0.115***	-0.095**	-0.135***	-0.141***	-0.091**	-0.115***	-0.046	-0.135***	-0.100***	-0.091**	-0.071**	-0.046	-0.058**	-0.100***	-0.026	-0.071**	-0.090***	-0.058**	-0.110***	-0.026	-0.088***	-0.090***	-0.080***	-0.110***	-0.090**
	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)
Akdeniz	-0.242***	-0.236***	-0.280***	-0.260***	-0.251***	-0.208***	-0.236***	-0.236***	-0.260***	-0.206***	-0.208***	-0.254***	-0.236***	-0.218***	-0.206***	-0.238***	-0.254***	-0.193***	-0.218***	-0.212***	-0.238***	-0.200***	-0.193***	-0.192***	-0.212***	-0.203**
	(0.05)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)
Orta Anadolu	-0.080	-0.152**	-0.130**	-0.236***	-0.182***	-0.194***	-0.152**	-0.135***	-0.236***	-0.106***	-0.194***	-0.111***	-0.135***	-0.090**	-0.106***	-0.105***	-0.111***	-0.106***	-0.090**	-0.028	-0.105***	-0.066*	-0.106***	-0.183***	-0.028	-0.100**
	(0.06)	(0.06)	(0.05)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)
Bati Karadeniz	-0.244***	-0.165**	-0.240***	-0.183***	-0.198***	-0.210***	-0.165**	-0.154***	-0.183***	-0.200***	-0.210***	-0.177***	-0.154***	-0.194***	-0.200***	-0.148***	-0.177***	-0.167***	-0.194***	-0.206***	-0.148***	-0.240***	-0.167***	-0.223***	-0.206***	-0.157**
	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.06)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.04)	(0.04)	(0.04)
Dogu Karadeniz	-0.137*	-0.237***	-0.131**	-0.313***	-0.039	-0.245***	-0.237***	-0.205***	-0.313***	-0.284***	-0.245***	-0.189***	-0.205***	-0.276***	-0.284***	-0.160***	-0.189***	-0.209***	-0.276***	-0.257***	-0.160***	-0.224***	-0.209***	-0.253***	-0.237***	-0.195**
	(0.08)	(0.07)	(0.07)	(0.07)	(0.07)	(0.05)	(0.07)	(0.05)	(0.07)	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)
Kuzey Dogu Anadolu	-0.238***	-0.249***	-0.169**	-0.302***	-0.171**	-0.147**	-0.249***	-0.084	-0.302***	-0.112**	-0.147**	-0.117**	-0.084	-0.111**	-0.112**	-0.116**	-0.117**	-0.029	-0.111**	-0.083*	-0.116**	-0.125***	-0.029	-0.106**	-0.083*	-0.143**
	(0.09)	(0.09)	(0.07)	(0.09)	(0.08)	(0.07)	(0.09)	(0.07)	(0.09)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)
Orta Dogu Anadolu	-0.211***	-0.241***	-0.242***	-0.241***	-0.260***	-0.121**	-0.241***	-0.076	-0.241***	-0.134***	-0.121**	-0.142***	-0.076	-0.134***	-0.134***	-0.092**	-0.142***	-0.096**	-0.134***	-0.100***	-0.092**	-0.120***	-0.096**	-0.182***	-0.100***	-0.175**
	(0.07)	(0.07)	(0.07)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Guney Dogu Anadolu	-0.250***	-0.354***	-0.182***	-0.425***	-0.247***	-0.335***	-0.354***	-0.192***	-0.425***	-0.261***	-0.335***	-0.199***	-0.192***	-0.213***	-0.261***	-0.233***	-0.199***	-0.233***	-0.213***	-0.208***	-0.233***	-0.211***	-0.233***	-0.193***	-0.208***	-0.159**
	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.

Constant	1.971***	2.230***	1.378*	2.124***	2.266***	2.141***	2.230***	2.415***	2.124***	2.672***	2.141***	2.178***	2.415***	2.088***	2.672***	2.568***	2.178***	2.050***	2.088***	2.410***	2.568***	2.423***	2.050***	2.824***	2.410***	2.265***
	(0.31)	(0.18)	(0.77)	(0.36)	(0.34)	(0.19)	(0.18)	(0.14)	(0.36)	(0.33)	(0.19)	(0.36)	(0.14)	(0.58)	(0.33)	(0.30)	(0.36)	(0.24)	(0.58)	(0.23)	(0.30)	(0.18)	(0.24)	(0.24)	(0.23)	(0.28)
Observations	1402	1469	1472	1428	1533	1796	1469	2201	1428	2484	1796	2846	2201	2781	2484	2812	2846	2811	2781	2857	2812	2810	2811	2637	2857	2727
R-squared	0.322	0.411	0.386	0.421	0.320	0.407	0.411	0.367	0.421	0.380	0.407	0.319	0.367	0.340	0.380	0.350	0.319	0.329	0.340	0.322	0.350	0.351	0.329	0.332	0.322	0.311
Adjusted R-squared	0.300	0.393	0.367	0.403	0.300	0.392	0.393	0.354	0.403	0.368	0.392	0.308	0.354	0.329	0.368	0.340	0.308	0.319	0.329	0.311	0.340	0.340	0.319	0.320	0.311	0.299

	2019-2022		**2020-2923**		**2021-2024**	
	2019	**2022**	**2020**	**2023**	**2021**	**2024**
Female	-0.048***	-0.049***	-0.038**	-0.083***	(0.02)	(0.02)
	(0.02)	(0.02)	(0.02)	(0.02)	-0.221	-0.547*
Age 15-19	-0.516***	-0.645***	-0.959***	-0.040	(0.24)	(0.32)
	(0.16)	(0.24)	(0.22)	(0.76)	0.031	-0.398
Age 20-24	-0.318**	-0.498**	-0.764***	0.048	(0.23)	(0.32)
	(0.16)	(0.24)	(0.22)	(0.76)	0.087	-0.334
Age 25-29	-0.203	-0.413*	-0.662***	0.104	(0.23)	(0.32)
	(0.16)	(0.24)	(0.22)	(0.76)	0.154	-0.275
Age 30-34	-0.159	-0.365	-0.593***	0.183	(0.23)	(0.32)
	(0.16)	(0.24)	(0.22)	(0.76)	0.177	-0.227
Age 35-39	-0.057	-0.277	-0.596***	0.289	(0.24)	(0.32)
	(0.16)	(0.24)	(0.22)	(0.76)	0.177	-0.330
Age 40-44	-0.167	-0.313	-0.618***	0.263	(0.24)	(0.32)
	(0.16)	(0.25)	(0.22)	(0.76)	0.245	-0.341
Age 45-49	-0.129	-0.263	-0.519**	0.252	(0.24)	(0.33)
	(0.17)	(0.25)	(0.23)	(0.76)	0.221	-0.318
Age 50-54	0.184	-0.538**	-0.482*	0.281	(0.26)	(0.34)
	(0.20)	(0.27)	(0.25)	(0.77)	0.000	0.000
Age 60-64	0.000	0.000	0.000	0.000	(.)	(.)
	(.)	(.)	(.)	(.)	0.000	0.000
Age 65-69	0.000	0.000	0.000	0.000	(.)	(.)
	(.)	(.)	(.)	(.)	0.077**	-0.018
Head	0.005	0.025	0.038	0.018	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	-0.068	-0.272*
Individual: Literate no school	0.074	0.495***	0.160	0.092	(0.15)	(0.14)
	(0.09)	(0.11)	(0.11)	(0.21)	0.023	-0.167
Individual: Primary	0.042	0.449***	0.191*	0.106	(0.15)	(0.13)
	(0.09)	(0.10)	(0.10)	(0.20)	0.068	-0.127
Individual: Middle/Basic	0.144*	0.453***	0.250**	0.159	(0.14)	(0.13)
	(0.08)	(0.10)	(0.10)	(0.20)	0.172	-0.027
Individual: General HS	0.249***	0.535***	0.365***	0.246	(0.14)	(0.13)
	(0.08)	(0.10)	(0.10)	(0.20)	0.186	-0.021
Individual: Voc/Tech HS	0.274***	0.556***	0.390***	0.278	(0.14)	(0.13)
	(0.08)	(0.10)	(0.10)	(0.20)	0.397***	0.179
Individual: College+	0.463***	0.742***	0.543***	0.465**	(0.14)	(0.13)
	(0.08)	(0.10)	(0.10)	(0.20)	0.017	-0.049*
Mother: Literate no school	0.015	0.032	0.003	0.006	(0.03)	(0.03)
	(0.03)	(0.03)	(0.03)	(0.03)	0.023	-0.027
Mother: Primary	-0.001	0.023	0.008	0.021	(0.02)	(0.02)
	(0.02)	(0.02)	(0.02)	(0.02)	-0.003	-0.063*
Mother: Middle/Basic	-0.009	0.046	-0.036	0.009	(0.03)	(0.03)
	(0.04)	(0.03)	(0.04)	(0.03)	0.024	0.053
Mother: General HS	0.084**	0.097**	0.020	0.031	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	0.053	-0.014
Mother: Voc/Tech HS	0.064	0.182***	0.098**	0.087*	(0.04)	(0.05)
	(0.05)	(0.04)	(0.05)	(0.05)	0.102**	0.152***
Mother: College+	0.051	0.106**	0.101*	0.150***	(0.05)	(0.05)
	(0.06)	(0.04)	(0.05)	(0.05)	-0.030	0.005
Mother: Agriculture & Mining	0.016	0.028	-0.012	-0.012	(0.03)	(0.04)
	(0.03)	(0.03)	(0.03)	(0.04)	0.054	-0.097**
Mother: Industry	0.036	-0.050	-0.025	-0.008	(0.04)	(0.04)
	(0.04)	(0.03)	(0.04)	(0.04)	-0.029	-0.002
Mother: Trade/Transport/Hospitality	-0.062**	0.011	-0.038	0.015	(0.03)	(0.02)
	(0.03)	(0.02)	(0.03)	(0.02)	0.030	-0.003
Mother: Private Services	0.100**	0.082*	-0.005	-0.045	(0.05)	(0.05)
	(0.04)	(0.04)	(0.04)	(0.05)	0.038	0.003
Mother: Public & Social Services	0.107***	0.054	0.074**	-0.042	(0.04)	(0.04)
	(0.03)	(0.03)	(0.03)	(0.04)	-0.005	0.011
Father: Literate no school	0.104***	0.049	0.105***	-0.029	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	0.039	0.040
Father: College+	0.115***	0.068	0.066	-0.006	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	0.136***	0.052
Father:=Middle/Basic	0.116**	0.120***	0.113**	0.045	(0.05)	(0.05)
	(0.04)	(0.04)	(0.04)	(0.05)	0.207***	0.191***
Father:=General HS	0.267***	0.175***	0.269***	0.116**	(0.05)	(0.05)
	(0.05)	(0.04)	(0.05)	(0.05)	-0.022	0.019
Father:=Voc/Tech HS	-0.070**	-0.072**	-0.042	0.034	(0.03)	(0.03)
	(0.03)	(0.03)	(0.03)	(0.04)	0.040**	-0.010
Father:=College+	-0.015	0.001	0.017	0.024	(0.02)	(0.02)
	(0.02)	(0.02)	(0.02)	(0.02)	0.000	-0.034*
Father: Agriculture & Mining	-0.003	-0.045***	0.022	-0.016	(0.02)	(0.02)
	(0.02)	(0.02)	(0.02)	(0.02)	-0.092**	-0.127***
Father: Industry	-0.107***	-0.031	-0.150***	-0.175***	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	-0.128***	-0.088***
Father: Trade/Transport/Hospitality	-0.119***	-0.116***	-0.119***	-0.152***	(0.02)	(0.03)
	(0.02)	(0.02)	(0.02)	(0.03)	-0.038	0.009
Father: Private Services	-0.096***	-0.037	-0.042*	-0.056**	(0.03)	(0.02)
	(0.02)	(0.02)	(0.02)	(0.02)	-0.090***	-0.063**
Father: Public & Social Services	-0.088***	-0.097***	-0.080***	-0.131***	(0.03)	(0.03)
	(0.03)	(0.02)	(0.02)	(0.02)	-0.203***	-0.106***
Bati Marmara	-0.200***	-0.171***	-0.192***	-0.136***	(0.03)	(0.03)
	(0.02)	(0.02)	(0.03)	(0.03)	-0.160***	-0.128***
Ege	-0.066*	-0.103***	-0.183***	-0.119***	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	-0.157***	-0.093**
Dogu Marmara	-0.240***	-0.140***	-0.223***	-0.230***	(0.04)	(0.04)
	(0.03)	(0.04)	(0.04)	(0.04)	-0.195***	-0.107*
Bati Anadolu	-0.224***	-0.115***	-0.253***	-0.109**	(0.05)	(0.06)
	(0.04)	(0.04)	(0.05)	(0.05)	-0.143***	-0.079
Akdeniz	-0.125***	-0.089*	-0.106**	-0.157***	(0.05)	(0.06)

								(0.05)	(0.05)	(0.05)	(0.06)			-0.175***		-0.211***								
Orta Anadolu								-0.120***	-0.113***	-0.182***	-0.199***			(0.04)		(0.04)								
								(0.04)	(0.04)	(0.04)	(0.04)			-0.159***		-0.233***								
Bati Karadeniz								-0.211***	-0.206***	-0.193***	-0.216***			(0.03)		(0.03)								
								(0.03)	(0.03)	(0.03)	(0.03)			2.265***		3.312***								
Dogu Karadeniz								2.423***	2.392***	2.824***	2.310***			(0.28)		(0.35)								
								(0.18)	(0.26)	(0.24)	(0.79)			2727		2896								
Kuzey Dogu Anadolu								2810	2963	2637	2780			0.311		0.263								
								0.351	0.291	0.332	0.259			0.299		0.251								
Orta Dogu Anadolu								0.340	0.280	0.320	0.247			(0.02)		(0.02)								
								-0.048***	-0.049***	-0.038**	-0.083***			-0.221		-0.547*								
Guney Dogu Anadolu								(0.02)	(0.02)	(0.02)	(0.02)			(0.24)		(0.32)								
								-0.516***	-0.645***	-0.959***	-0.040			-0.031		-0.398								
Constant								(0.16)	(0.24)	(0.22)	(0.76)			(0.23)		(0.32)								
								-0.318**	-0.498**	-0.764***	0.048			0.087		-0.334								
Observations								(0.16)	(0.24)	(0.22)	(0.76)			(0.23)		(0.32)								
R-squared								-0.203	-0.413*	-0.662***	0.104			0.154		-0.275								
Adjusted R-squared								(0.16)	(0.24)	(0.22)	(0.76)			(0.23)		(0.32)								

	2006-2009		2007-2010		2008-2011		2009-2012		2010-2013		2011-2014		2012-2015		2013-2016		2014-2017		2015-2018		2016-2019		2017-2020		2018-2021	
	2006	2009	2007	2010	2008	2011	2009	2012	2010	2013	2011	2014	2012	2015	2013	2016	2014	2017	2015	2018	2016	2019	2017	2020	2018	2021
Female	-0.018	-0.060**	-0.048**	-0.085***	-0.040	-0.027	-0.060**	-0.034	-0.085***	-0.057***	-0.027	-0.056***	-0.034	-0.056***	-0.057***	-0.074***	-0.056***	-0.057***	-0.056***	-0.060***	-0.074***	-0.048***	-0.057***	-0.038**	-0.060***	-0.045***
	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Age 15-19	-0.370	-0.518***	0.305	-0.461	-0.519	-0.406***	-0.518***	-0.485***	-0.461	-0.719**	-0.406***	-0.335	-0.485***	-0.177	-0.719**	-0.728**	-0.335	-0.058	-0.177	-0.281	-0.728**	-0.516***	-0.058	-0.959***	-0.281	-0.221
	(0.30)	(0.14)	(0.77)	(0.33)	(0.33)	(0.15)	(0.14)	(0.10)	(0.33)	(0.32)	(0.15)	(0.34)	(0.10)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.24)
Age 20-24	-0.214	-0.283**	0.421	-0.236	-0.361	-0.229	-0.283**	-0.366***	-0.236	-0.550*	-0.229	-0.213	-0.366***	-0.022	-0.550*	-0.514*	-0.213	0.106	-0.022	-0.109	-0.514*	-0.318**	0.106	-0.764***	-0.109	-0.031
	(0.30)	(0.13)	(0.77)	(0.32)	(0.33)	(0.15)	(0.13)	(0.10)	(0.32)	(0.32)	(0.15)	(0.34)	(0.10)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.23)
Age 25-29	-0.065	-0.188	0.545	-0.103	-0.258	-0.129	-0.188	-0.231**	-0.103	-0.447	-0.129	-0.129	-0.231**	0.068	-0.447	-0.404	-0.129	0.172	0.068	0.026	-0.404	-0.203	0.172	-0.662***	0.026	0.087
	(0.30)	(0.13)	(0.77)	(0.32)	(0.33)	(0.15)	(0.13)	(0.10)	(0.32)	(0.32)	(0.15)	(0.34)	(0.10)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.23)
Age 30-34	-0.029	-0.108	0.618	-0.021	-0.169	-0.036	-0.108	-0.162	-0.021	-0.392	-0.036	-0.075	-0.162	0.158	-0.392	-0.335	-0.075	0.253	0.158	0.068	-0.335	-0.159	0.253	-0.593***	0.068	0.154
	(0.30)	(0.13)	(0.77)	(0.32)	(0.33)	(0.15)	(0.13)	(0.10)	(0.32)	(0.32)	(0.15)	(0.34)	(0.10)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.23)
Age 35-39	0.010	0.005	0.592	-0.030	-0.198	0.030	0.005	-0.063	-0.030	-0.281	0.030	-0.016	-0.063	0.181	-0.281	-0.349	-0.016	0.287	0.181	0.144	-0.349	-0.057	0.287	-0.596***	0.144	0.177
	(0.30)	(0.14)	(0.77)	(0.33)	(0.33)	(0.16)	(0.14)	(0.11)	(0.33)	(0.32)	(0.16)	(0.34)	(0.11)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.24)
Age 40-44	0.257	0.274*	0.869	0.261	-0.066	0.067	0.274*	-0.034	0.261	-0.280	0.067	0.038	-0.034	0.240	-0.280	-0.214	0.038	0.266	0.240	0.110	-0.214	-0.167	0.266	-0.618***	0.110	0.177
	(0.31)	(0.16)	(0.77)	(0.33)	(0.34)	(0.17)	(0.16)	(0.12)	(0.33)	(0.32)	(0.17)	(0.34)	(0.12)	(0.58)	(0.32)	(0.29)	(0.34)	(0.22)	(0.58)	(0.19)	(0.29)	(0.16)	(0.22)	(0.22)	(0.19)	(0.24)
Age 45-49	0.104	0.000	0.689	0.248	-0.222	0.000	0.000	0.000	0.248	-0.262	0.000	0.316	0.000	0.533	-0.262	-0.161	0.316	0.485**	0.533	0.189	-0.161	-0.129	0.485**	-0.519**	0.189	0.245
	(0.34)	(.)	(0.78)	(0.38)	(0.35)	(.)	(.)	(.)	(0.38)	(0.33)	(.)	(0.35)	(.)	(0.58)	(0.33)	(0.30)	(0.35)	(0.23)	(0.58)	(0.20)	(0.30)	(0.17)	(0.23)	(0.23)	(0.20)	(0.24)
Age 50-54	0.000	-0.164	0.834	0.000	0.118	0.377	-0.164	-0.141	0.000	-0.177	0.377	-0.084	-0.141	0.341	-0.177	-0.128	-0.084	0.756***	0.341	0.222	-0.128	0.184	0.756***	-0.482*	0.222	0.221
	(.)	(0.69)	(0.95)	(.)	(0.45)	(0.33)	(0.69)	(0.33)	(.)	(0.41)	(0.33)	(0.38)	(0.33)	(0.60)	(0.41)	(0.32)	(0.38)	(0.25)	(0.60)	(0.22)	(0.32)	(0.20)	(0.25)	(0.25)	(0.22)	(0.26)
Age 60-64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)
Age 65-69	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)
Head	0.115	0.118	0.033	0.219***	-0.004	0.073	0.118	0.170***	0.219***	0.155***	0.073	0.034	0.170***	-0.006	0.155***	0.097*	0.034	0.064	-0.006	0.006	0.097*	0.005	0.064	0.038	0.006	0.077**
	(0.09)	(0.08)	(0.07)	(0.08)	(0.07)	(0.07)	(0.08)	(0.06)	(0.08)	(0.06)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)
Individual: Literate no school	0.121	0.080	0.035	0.084	0.146	0.039	0.080	-0.145	0.084	-0.055	0.039	0.112	-0.145	0.126	-0.055	0.051	0.112	0.057	0.126	-0.023	0.051	0.074	0.057	0.160	-0.023	-0.068
	(0.11)	(0.13)	(0.11)	(0.16)	(0.11)	(0.13)	(0.13)	(0.11)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.10)	(0.10)	(0.09)	(0.12)	(0.10)	(0.10)	(0.14)	(0.09)	(0.09)	(0.10)	(0.11)	(0.14)	(0.15)
Individual: Primary	0.073	0.068	0.158	0.082	0.148	0.104	0.068	-0.118	0.082	-0.056	0.104	0.051	-0.118	0.020	-0.056	-0.029	0.051	-0.004	0.020	-0.099	-0.029	0.042	-0.004	0.191*	-0.099	0.023
	(0.10)	(0.12)	(0.10)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.09)	(0.10)	(0.08)	(0.12)	(0.10)	(0.09)	(0.14)	(0.08)	(0.09)	(0.10)	(0.10)	(0.14)	(0.15)
Individual: Middle/Basic	0.127	0.079	0.158	0.171	0.180*	0.206*	0.079	-0.054	0.171	-0.022	0.206*	0.110	-0.054	0.075	-0.022	0.122	0.110	0.096	0.075	-0.034	0.122	0.144*	0.096	0.250**	-0.034	0.068
	(0.10)	(0.12)	(0.10)	(0.16)	(0.10)	(0.12)	(0.12)	(0.10)	(0.16)	(0.09)	(0.12)	(0.12)	(0.10)	(0.09)	(0.09)	(0.08)	(0.12)	(0.09)	(0.09)	(0.14)	(0.08)	(0.08)	(0.09)	(0.10)	(0.14)	(0.14)
Individual: General HS	0.193*	0.217*	0.248**	0.250	0.214**	0.240*	0.217*	0.010	0.250	0.107	0.240*	0.256**	0.010	0.193**	0.107	0.221***	0.256**	0.174*	0.193**	0.063	0.221***	0.249***	0.174*	0.365***	0.063	0.172
	(0.10)	(0.12)	(0.10)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.09)	(0.10)	(0.08)	(0.12)	(0.10)	(0.09)	(0.14)	(0.08)	(0.08)	(0.10)	(0.10)	(0.14)	(0.14)
Individual: Voc/Tech HS	0.309***	0.273**	0.354***	0.298*	0.311***	0.371***	0.273**	0.128	0.298*	0.184*	0.371***	0.281**	0.128	0.217**	0.184*	0.221***	0.281**	0.211**	0.217**	0.062	0.221***	0.274***	0.211**	0.390***	0.062	0.186
	(0.10)	(0.13)	(0.10)	(0.16)	(0.10)	(0.13)	(0.13)	(0.11)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.09)	(0.10)	(0.08)	(0.12)	(0.10)	(0.09)	(0.14)	(0.08)	(0.08)	(0.10)	(0.10)	(0.14)	(0.14)
Individual: College+	0.498***	0.599***	0.628***	0.618***	0.587***	0.711***	0.599***	0.413***	0.618***	0.457***	0.711***	0.538***	0.413***	0.498***	0.457***	0.469***	0.538***	0.412***	0.498***	0.283**	0.469***	0.463***	0.412***	0.543***	0.283**	0.397***
	(0.11)	(0.13)	(0.10)	(0.16)	(0.10)	(0.13)	(0.13)	(0.11)	(0.16)	(0.10)	(0.13)	(0.12)	(0.11)	(0.09)	(0.10)	(0.08)	(0.12)	(0.10)	(0.09)	(0.14)	(0.08)	(0.08)	(0.10)	(0.10)	(0.14)	(0.14)
Mother: Literate no school	0.068	-0.019	-0.018	-0.072*	0.067*	-0.042	-0.019	-0.049	-0.072*	-0.031	-0.042	0.009	-0.049	-0.004	-0.031	0.022	0.009	0.076***	-0.004	0.036	0.022	0.015	0.076***	0.003	0.036	0.017
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Mother: Primary	0.071**	0.023	0.036	0.001	0.024	-0.024	0.023	0.029	0.001	-0.050**	-0.024	0.000	0.029	0.029	-0.050**	0.043**	0.000	0.049**	0.029	0.050**	0.043**	-0.001	0.049**	0.008	0.050**	0.023
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Mother: Middle/Basic	0.131	0.055	0.117*	-0.027	0.002	0.005	0.055	0.007	-0.027	-0.085*	0.005	0.019	0.007	0.062	-0.085*	0.136***	0.019	0.087**	0.062	0.044	0.136***	-0.009	0.087**	-0.036	0.044	-0.003
	(0.08)	(0.06)	(0.07)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.03)
Mother: General HS	0.243***	0.127	0.239***	0.184**	0.126	0.090	0.127	0.040	0.184**	0.058	0.090	0.027	0.040	0.176***	0.058	0.250***	0.027	0.201***	0.176***	0.057	0.250***	0.084**	0.201***	0.020	0.057	0.024
	(0.09)	(0.08)	(0.08)	(0.08)	(0.09)	(0.07)	(0.08)	(0.07)	(0.08)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Mother: Voc/Tech HS	0.115	0.097	0.162**	0.094	0.133	0.016	0.097	0.065	0.094	0.095	0.016	0.050	0.065	0.115*	0.095	0.256***	0.050	0.182***	0.115*	0.256***	0.256***	0.064	0.182***	0.098**	0.256***	0.053
	(0.09)	(0.08)	(0.08)	(0.07)	(0.09)	(0.07)	(0.08)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.06)	(0.06)	(0.05)	(0.05)	(0.05)	(0.06)	(0.04)
Mother: College+	0.358***	0.418***	0.202	0.251***	0.290**	0.202**	0.418***	0.332***	0.251***	0.042	0.202**	0.162**	0.332***	0.303***	0.042	0.262***	0.162**	0.227***	0.303***	0.157***	0.262***	0.051	0.227***	0.101*	0.157***	0.102**
	(0.13)	(0.11)	(0.13)	(0.09)	(0.11)	(0.09)	(0.11)	(0.08)	(0.09)	(0.07)	(0.09)	(0.08)	(0.08)	(0.08)	(0.07)	(0.06)	(0.08)	(0.06)	(0.08)	(0.06)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)
Mother: Agriculture & Mining	-0.057	0.138**	0.059	0.002	-0.061	-0.101**	0.138**	0.078**	0.002	0.025	-0.101**	0.008	0.078**	0.056*	0.025	-0.025	0.008	0.001	0.056*	0.041	-0.025	0.016	0.001	-0.012	0.041	-0.030
	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Mother: Industry	0.002	-0.019	0.001	-0.019	-0.011	0.019	-0.019	-0.011	-0.019	0.011	0.019	0.034	-0.011	-0.063	0.011	0.004	0.034	0.009	-0.063	-0.046	0.004	0.036	0.009	-0.025	-0.046	0.054
	(0.08)	(0.08)	(0.08)	(0.07)	(0.08)	(0.07)	(0.08)	(0.06)	(0.07)	(0.05)	(0.07)	(0.04)	(0.06)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Mother: Trade/Transport/Hospitality	-0.130*	0.124**	-0.076	-0.006	0.004	-0.040	0.124**	0.072*	-0.006	-0.022	-0.040	-0.051*	0.072*	-0.058**	-0.022	0.001	-0.051*	-0.016	-0.058**	-0.074***	0.001	-0.062**	-0.016	-0.038	-0.074***	-0.029
	(0.07)	(0.06)	(0.06)	(0.05)	(0.06)	(0.04)	(0.06)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)
Father: Literate no school	0.138**	-0.009	0.097*	0.049	-0.038	-0.005	-0.009	0.106**	0.049	0.056	-0.005	0.078*	0.106**	0.042	0.056	0.082*	0.078*	0.063	0.042	-0.028	0.082*	0.100**	0.063	-0.005	-0.028	0.030
	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.05)
Father: College+	0.152***	0.064	0.083*	0.082	0.048	0.027	0.064	0.056	0.082	0.064	0.027	0.107***	0.056	0.033	0.064	0.049	0.107***	0.054*	0.033	0.017	0.049	0.107***	0.054*	0.074**	0.017	0.038
	(0.05)	(0.05)	(0.04)	(0.06)	(0.05)	(0.05)	(0.05)	(0.04)	(0.06)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.04)	(0.04)
Father:=Middle/Basic	0.173***	0.149**	0.111*	0.104	-0.008	0.014	0.149**	0.072	0.104	0.106**	0.014	0.152***	0.072	0.118***	0.106**	0.117***	0.152***	0.071*	0.118***	0.077*	0.117***	0.104***	0.071*	0.105***	0.077*	-0.005
	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Father:=General HS	0.170**	0.157**	0.102	0.232***	0.109	0.175***	0.157**	0.130**	0.232***	0.188***	0.175***	0.132***	0.130**	0.082*	0.188***	0.075	0.132***	0.079*	0.082*	0.114**	0.075	0.115***	0.079*	0.066	0.114**	0.039
	(0.08)	(0.08)	(0.07)	(0.08)	(0.07)	(0.06)	(0.08)	(0.06)	(0.08)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.04)	(0.05)	(0.04)
Father:=Voc/Tech HS	0.362***	0.062	0.230***	0.223***	0.111	0.080	0.062	0.162***	0.223***	0.228***	0.080	0.234***	0.162***	0.100**	0.228***	0.113**	0.234***	0.123***	0.100**	0.112**	0.113**	0.116**	0.123***	0.113**	0.112**	0.136***
	(0.08)	(0.07)	(0.06)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.04)	(0.05)	(0.05)
Father:=College+	0.265***	0.205***	0.132*	0.220***	0.079	0.103	0.205***	0.147**	0.220***	0.225***	0.103	0.302***	0.147**	0.162***	0.225***	0.164***	0.302***	0.228***	0.162***	0.174***	0.164***	0.267***	0.228***	0.269***	0.174***	0.207***
	(0.08)	(0.08)	(0.07)	(0.08)	(0.07)	(0.07)	(0.08)	(0.07)	(0.08)	(0.06)	(0.07)	(0.06)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)
Father: Agriculture & Mining	0.016	-0.143***	-0.055	0.025	0.045	0.043	-0.143***	-0.127***	0.025	-0.001	0.043	0.019	-0.127***	-0.004	-0.001	0.041	0.019	0.040	-0.004	-0.031	0.041	-0.070**	0.040	-0.042	-0.031	-0.022
	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Father: Industry	-0.067	0.035	-0.003	0.058	-0.054	-0.042	0.035	-0.049*	0.058	-0.025	-0.042	-0.014	-0.049*	0.011	-0.025	0.020	-0.014	0.032	0.011	0.030	0.020	-0.015	0.032	0.017	0.030	0.040**
	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.04)	(0.03)	(0.04)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Father: Trade/Transport/Hospitality	0.009	-0.010	-0.030	0.005	-0.035	-0.033	-0.010	-0.046**	0.005	-0.041**	-0.033	-0.007	-0.046**	-0.056***	-0.041**	-0.032	-0.007	-0.003	-0.056***	0.015	-0.032	-0.003	-0.003	0.022	0.015	0.000
	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Bati Marmara	-0.150**	-0.157**	-0.207***	-0.243***	-0.146**	-0.143**	-0.157**	-0.113**	-0.243***	-0.166***	-0.143**	-0.191***	-0.113**	-0.114***	-0.166***	-0.193***	-0.191***	-0.183***	-0.114***	-0.134***	-0.193***	-0.107***	-0.183***	-0.150***	-0.134***	-0.092**

	(0.07)	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.07)	(0.05)	(0.06)	(0.04)	(0.06)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Ege	-0.266***	-0.213***	-0.296***	-0.239***	-0.191***	-0.102***	-0.213***	-0.112***	-0.239***	-0.153***	-0.102***	-0.161***	-0.112***	-0.123***	-0.153***	-0.097***	-0.161***	-0.203***	-0.123***	-0.129***	-0.097***	-0.119***	-0.203***	-0.119***	-0.129***	-0.128***
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Dogu Marmara	-0.031	-0.067	-0.031	-0.020	0.051	0.008	-0.067	-0.033	-0.020	-0.061**	0.008	-0.063**	-0.033	-0.073***	-0.061**	-0.058**	-0.063**	-0.111***	-0.073***	-0.072***	-0.058**	-0.096***	-0.111***	-0.042*	-0.072***	-0.038
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)
Bati Anadolu	-0.155***	-0.115***	-0.095**	-0.135***	-0.141***	-0.091**	-0.115***	-0.046	-0.135***	-0.100***	-0.091**	-0.071**	-0.046	-0.058**	-0.100***	-0.026	-0.071**	-0.090***	-0.058**	-0.110***	-0.026	-0.088***	-0.090***	-0.080***	-0.110***	-0.090***
	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)
Akdeniz	-0.242***	-0.236***	-0.280***	-0.260***	-0.251***	-0.208***	-0.236***	-0.236***	-0.260***	-0.286***	-0.208***	-0.254***	-0.236***	-0.218***	-0.286***	-0.238***	-0.254***	-0.193***	-0.218***	-0.212***	-0.238***	-0.200***	-0.193***	-0.192***	-0.212***	-0.203***
	(0.05)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)
Orta Anadolu	-0.080	-0.152**	-0.130**	-0.236***	-0.182***	-0.194***	-0.152**	-0.135***	-0.236***	-0.106***	-0.194***	-0.111***	-0.135***	-0.090**	-0.106***	-0.105***	-0.111***	-0.106***	-0.090**	-0.028	-0.105***	-0.066*	-0.106***	-0.183***	-0.028	-0.100***
	(0.06)	(0.06)	(0.05)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)
Bati Karadeniz	-0.244***	-0.165**	-0.240***	-0.183***	-0.198***	-0.210***	-0.165**	-0.154***	-0.183***	-0.200***	-0.210***	-0.177***	-0.154***	-0.194***	-0.200***	-0.148***	-0.177***	-0.167***	-0.194***	-0.206***	-0.148***	-0.240***	-0.167***	-0.223***	-0.206***	-0.157***
	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.06)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.04)	(0.04)	(0.04)
Dogu Karadeniz	-0.137*	-0.237***	-0.131**	-0.313***	-0.039	-0.245***	-0.237***	-0.205***	-0.313***	-0.284***	-0.245***	-0.189***	-0.205***	-0.276***	-0.284***	-0.160***	-0.189***	-0.209***	-0.276***	-0.237***	-0.160***	-0.224***	-0.209***	-0.253***	-0.237***	-0.195***
	(0.08)	(0.07)	(0.07)	(0.07)	(0.07)	(0.05)	(0.07)	(0.05)	(0.07)	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)
Kuzey Dogu Anadolu	-0.238***	-0.249***	-0.169**	-0.302***	-0.171**	-0.147**	-0.249***	-0.084	-0.302***	-0.112**	-0.147**	-0.117**	-0.084	-0.111**	-0.112**	-0.116**	-0.117**	-0.029	-0.111**	-0.083*	-0.116**	-0.125***	-0.029	-0.106**	-0.083*	-0.143***
	(0.09)	(0.09)	(0.07)	(0.09)	(0.08)	(0.07)	(0.09)	(0.07)	(0.09)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.05)
Orta Dogu Anadolu	-0.211***	-0.241***	-0.242***	-0.241***	-0.269***	-0.121**	-0.241***	-0.076	-0.241***	-0.134***	-0.121**	-0.142***	-0.076	-0.134***	-0.134***	-0.092**	-0.142***	-0.096**	-0.134***	-0.100***	-0.092**	-0.120***	-0.096**	-0.182***	-0.100***	-0.175***
	(0.07)	(0.07)	(0.07)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Guney Dogu Anadolu	-0.250***	-0.354***	-0.182***	-0.425***	-0.247***	-0.335***	-0.354***	-0.192***	-0.425***	-0.261***	-0.335***	-0.199***	-0.192***	-0.213***	-0.261***	-0.233***	-0.199***	-0.233***	-0.213***	-0.208***	-0.233***	-0.211***	-0.233***	-0.193***	-0.208***	-0.159***
	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Constant	1.971***	2.230***	1.378*	2.124***	2.266***	2.141***	2.230***	2.415***	2.124***	2.672***	2.141***	2.178***	2.415***	2.088***	2.672***	2.568***	2.178***	2.050***	2.088***	2.410***	2.568***	2.423***	2.050***	2.824***	2.410***	2.265***
	(0.31)	(0.18)	(0.77)	(0.36)	(0.34)	(0.19)	(0.18)	(0.14)	(0.36)	(0.33)	(0.19)	(0.36)	(0.14)	(0.58)	(0.33)	(0.30)	(0.36)	(0.24)	(0.58)	(0.23)	(0.30)	(0.18)	(0.24)	(0.24)	(0.23)	(0.28)
Observations	1402	1469	1472	1428	1533	1796	1469	2201	1428	2484	1796	2846	2201	2781	2484	2812	2846	2811	2781	2857	2812	2810	2811	2637	2857	2727
R-squared	0.322	0.411	0.386	0.421	0.320	0.407	0.411	0.367	0.421	0.380	0.407	0.319	0.367	0.340	0.380	0.350	0.319	0.329	0.340	0.322	0.350	0.351	0.329	0.332	0.322	0.311
Adjusted R-squared	0.300	0.393	0.367	0.403	0.300	0.392	0.393	0.354	0.403	0.368	0.392	0.308	0.354	0.329	0.368	0.340	0.308	0.319	0.329	0.311	0.340	0.340	0.319	0.320	0.311	0.299

	2019-2022		2020-2923		2021-2024	
	2019	**2022**	**2020**	**2023**	**2021**	**2024**
Female	-0.048***	-0.049***	-0.038**	-0.083***	(0.02)	(0.02)
	(0.02)	(0.02)	(0.02)	(0.02)	-0.221	-0.547*
Age 15-19	-0.516***	-0.645***	-0.959***	-0.040	(0.24)	(0.32)
	(0.16)	(0.24)	(0.22)	(0.76)	-0.031	-0.398
Age 20-24	-0.318**	-0.498**	-0.764***	0.048	(0.23)	(0.32)
	(0.16)	(0.24)	(0.22)	(0.76)	0.087	-0.334
Age 25-29	-0.203	-0.413*	-0.662***	0.104	(0.23)	(0.32)
	(0.16)	(0.24)	(0.22)	(0.76)	0.154	-0.275
Age 30-34	-0.159	-0.365	-0.593***	0.183	(0.23)	(0.32)
	(0.16)	(0.24)	(0.22)	(0.76)	0.177	-0.227
Age 35-39	-0.057	-0.277	-0.596***	0.289	(0.24)	(0.32)
	(0.16)	(0.24)	(0.22)	(0.76)	0.177	-0.330
Age 40-44	-0.167	-0.313	-0.618***	0.263	(0.24)	(0.32)
	(0.16)	(0.25)	(0.22)	(0.76)	0.245	-0.341
Age 45-49	-0.129	-0.263	-0.519**	0.252	(0.24)	(0.33)
	(0.17)	(0.25)	(0.23)	(0.76)	0.221	-0.318
Age 50-54	0.184	-0.538**	-0.482*	0.281	(0.26)	(0.34)
	(0.20)	(0.27)	(0.25)	(0.77)	0.000	0.000
Age 60-64	0.000	0.000	0.000	0.000	(.)	(.)
	(.)	(.)	(.)	(.)	0.000	0.000
Age 65-69	0.000	0.000	0.000	0.000	(.)	(.)
	(.)	(.)	(.)	(.)	0.077**	-0.018
Head	0.005	0.025	0.038	0.018	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	-0.068	-0.272*
Individual: Literate no school	0.074	0.495***	0.160	0.092	(0.15)	(0.14)
	(0.09)	(0.11)	(0.11)	(0.21)	0.023	-0.167
Individual: Primary	0.042	0.449***	0.191*	0.106	(0.15)	(0.13)
	(0.09)	(0.10)	(0.10)	(0.20)	0.068	-0.127
Individual: Middle/Basic	0.144*	0.453***	0.250**	0.159	(0.14)	(0.13)
	(0.08)	(0.10)	(0.10)	(0.20)	0.172	-0.027
Individual: General HS	0.249***	0.535***	0.365***	0.246	(0.14)	(0.13)
	(0.08)	(0.10)	(0.10)	(0.20)	0.186	-0.021
Individual: Voc/Tech HS	0.274***	0.556***	0.390***	0.278	(0.14)	(0.13)
	(0.08)	(0.10)	(0.10)	(0.20)	0.397***	0.179
Individual: College+	0.463***	0.742***	0.543***	0.465**	(0.14)	(0.13)
	(0.08)	(0.10)	(0.10)	(0.20)	0.017	-0.049*
Mother: Literate no school	0.015	0.032	0.003	0.006	(0.03)	(0.03)
	(0.03)	(0.03)	(0.03)	(0.03)	0.023	-0.027
Mother: Primary	-0.001	0.023	0.008	0.021	(0.02)	(0.02)
	(0.02)	(0.02)	(0.02)	(0.02)	-0.003	-0.063*
Mother: Middle/Basic	-0.009	0.046	-0.036	0.009	(0.03)	(0.03)
	(0.04)	(0.03)	(0.04)	(0.03)	0.024	0.053
Mother: General HS	0.084**	0.097**	0.020	0.031	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	0.053	-0.014
Mother: Voc/Tech HS	0.064	0.182***	0.098**	0.087*	(0.04)	(0.05)
	(0.05)	(0.04)	(0.05)	(0.05)	0.102**	0.152***
Mother: College+	0.051	0.106**	0.101*	0.150***	(0.05)	(0.05)
	(0.06)	(0.04)	(0.05)	(0.05)	-0.030	0.005
Mother: Agriculture & Mining	0.016	0.028	-0.012	-0.012	(0.03)	(0.04)
	(0.03)	(0.03)	(0.03)	(0.04)	0.054	-0.097**
Mother: Industry	0.036	-0.050	-0.025	-0.008	(0.04)	(0.04)
	(0.04)	(0.03)	(0.04)	(0.04)	-0.029	-0.002
Mother: Trade/Transport/Hospitality	-0.062**	0.011	-0.038	0.015	(0.03)	(0.02)
	(0.03)	(0.02)	(0.03)	(0.02)	0.030	-0.003
Mother: Private Services	0.100**	0.082*	-0.005	-0.045	(0.05)	(0.05)
	(0.04)	(0.04)	(0.04)	(0.05)	0.038	0.003
Mother: Public & Social Services	0.107***	0.054	0.074**	-0.042	(0.04)	(0.04)
	(0.03)	(0.03)	(0.03)	(0.04)	-0.005	0.011
Father: Literate no school	0.104***	0.049	0.105***	-0.029	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	0.039	0.040
Father: College+	0.115***	0.068	0.066	-0.006	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	0.136***	0.052
Father:=Middle/Basic	0.116**	0.120***	0.113**	0.045	(0.05)	(0.05)
	(0.04)	(0.04)	(0.04)	(0.05)	0.207***	0.191***
Father:=General HS	0.267***	0.175***	0.269***	0.116**	(0.05)	(0.05)
	(0.05)	(0.04)	(0.05)	(0.05)	-0.022	0.019
Father:=Voc/Tech HS	-0.070**	-0.072**	-0.042	0.034	(0.03)	(0.03)
	(0.03)	(0.03)	(0.03)	(0.04)	0.040**	-0.010

Father:=College+	-0.015	0.001	0.017	0.024	(0.02)	(0.02)
	(0.02)	(0.02)	(0.02)	(0.02)	0.000	-0.034*
Father: Agriculture & Mining	-0.003	-0.045***	0.022	-0.016	(0.02)	(0.02)
	(0.02)	(0.02)	(0.02)	(0.02)	-0.092**	-0.127***
Father: Industry	-0.107***	-0.031	-0.150***	-0.175***	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	-0.128***	-0.088***
Father: Trade/Transport/Hospitality	-0.119***	-0.116***	-0.119***	-0.152***	(0.02)	(0.03)
	(0.02)	(0.02)	(0.02)	(0.03)	-0.038	0.009
Father: Private Services	-0.096***	-0.037	-0.042*	-0.056**	(0.03)	(0.02)
	(0.02)	(0.02)	(0.02)	(0.02)	-0.090***	-0.063**
Father: Public & Social Services	-0.088***	-0.097***	-0.080***	-0.131***	(0.03)	(0.03)
	(0.03)	(0.02)	(0.02)	(0.02)	-0.203***	-0.106***
Bati Marmara	-0.200***	-0.171***	-0.192***	-0.136***	(0.03)	(0.03)
	(0.02)	(0.02)	(0.03)	(0.03)	-0.100***	-0.128***
Ege	-0.066*	-0.103***	-0.183***	-0.119***	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	-0.157***	-0.093**
Dogu Marmara	-0.240***	-0.140***	-0.223***	-0.230***	(0.04)	(0.04)
	(0.03)	(0.04)	(0.04)	(0.04)	-0.195***	-0.107*
Bati Anadolu	-0.224***	-0.115***	-0.253***	-0.109**	(0.05)	(0.06)
	(0.04)	(0.04)	(0.05)	(0.05)	-0.143***	-0.079
Akdeniz	-0.125***	-0.089*	-0.106**	-0.157***	(0.05)	(0.06)
	(0.05)	(0.05)	(0.05)	(0.06)	-0.175***	-0.211***
Orta Anadolu	-0.120***	-0.113***	-0.182***	-0.199***	(0.04)	(0.04)
	(0.04)	(0.04)	(0.04)	(0.04)	-0.159***	-0.233***
Bati Karadeniz	-0.211***	-0.206***	-0.193***	-0.216***	(0.03)	(0.03)
	(0.03)	(0.03)	(0.03)	(0.03)	2.265***	3.312***
Dogu Karadeniz	2.421***	2.392***	2.824***	2.310***	(0.28)	(0.35)
	(0.18)	(0.26)	(0.24)	(0.79)	2727	2896
Kuzey Dogu Anadolu	2810	2963	2637	2780	0.311	0.263
	0.351	0.291	0.332	0.259	0.299	0.251
Orta Dogu Anadolu	0.340	0.280	0.320	0.247	(0.02)	(0.02)
	-0.048***	-0.049***	-0.038**	-0.083***	-0.221	-0.547*
Guney Dogu Anadolu	(0.02)	(0.02)	(0.02)	(0.02)	(0.24)	(0.32)
	-0.516***	-0.645***	-0.959***	-0.040	-0.031	-0.398
Constant	(0.16)	(0.24)	(0.22)	(0.76)	(0.23)	(0.32)
	-0.318**	-0.498**	-0.764***	0.048	0.087	-0.334
Observations	(0.16)	(0.24)	(0.22)	(0.76)	(0.23)	(0.32)
R-squared	-0.203	-0.413*	-0.662***	0.104	0.154	-0.275
Adjusted R-squared	(0.16)	(0.24)	(0.22)	(0.76)	(0.23)	(0.32)

Note: Household heads' ages are restricted to between 15 and 55 for the first survey round and adjusted accordingly for the second survey round. The reference groups are illiterate individuals aged 55-59 with illiterate mother and father, both not working.

Table B5. Estimates of hourly wage model for 5-year pairs, 2006-2024

	2006-2011		2007-2010		2008-2013		2009-2014		2010-2015		2011-2016		2012-2017		2013-2018		2014-2019		2015-2020		2016-2021		2017-2022		2018-2023		2019-2024	
	2006	2011	2007	2010	2008	2013	2009	2014	2010	2015	2011	2016	2012	2018	2013	2018	2014	2019	2015	2020	2016	2021	2017	2022	2018	2023	2019	2024
Female	-0.018	-0.072***	-0.048**	-0.042*	-0.040	-0.069***	-0.060**	-0.047**	-0.085***	-0.053***	-0.027	-0.077***	-0.034	-0.049***	-0.057***	-0.064***	-0.056***	-0.044***	-0.056***	-0.046***	-0.074***	-0.038**	-0.057***	-0.053***	-0.060***	-0.091***	-0.048***	-0.090***
	(0.03)	(0.03)	(0.02)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Age 15-19	-0.370	0.000	0.305	0.000	-0.519	0.000	-0.518***	0.000	-0.461	0.000	-0.406***	0.000	-0.485***	0.000	-0.719**	0.000	-0.335	0.000	-0.177	0.000	-0.728**	0.000	-0.058	0.000	-0.281	0.000	-0.516***	0.000
	(0.30)	(.)	(0.77)	(.)	(0.33)	(.)	(0.14)	(.)	(0.33)	(.)	(0.15)	(.)	(0.10)	(.)	(0.32)	(.)	(0.34)	(.)	(0.58)	(.)	(0.29)	(.)	(0.22)	(.)	(0.19)	(.)	(0.16)	(.)
Age 20-24	-0.214	-0.582**	0.421	-0.388***	-0.361	-0.567*	-0.283***	-0.230	-0.236	-0.042	-0.229	-0.535*	-0.366***	0.092	-0.550*	-0.139	-0.213	-0.338**	-0.022	-0.780***	-0.514*	-0.025	0.106	-0.515***	-0.109	0.031	-0.318**	-0.417
	(0.30)	(0.29)	(0.77)	(0.10)	(0.33)	(0.32)	(0.13)	(0.33)	(0.32)	(0.58)	(0.15)	(0.29)	(0.10)	(0.22)	(0.32)	(0.19)	(0.34)	(0.16)	(0.58)	(0.22)	(0.29)	(0.24)	(0.22)	(0.24)	(0.19)	(0.76)	(0.16)	(0.33)
Age 25-29	-0.065	-0.493*	0.545	-0.251**	-0.258	-0.462	-0.188	-0.141	-0.103	0.051	-0.129	-0.425	-0.231**	0.159	-0.447	-0.002	-0.129	-0.221	0.068	-0.676***	-0.404	0.088	0.172	-0.431*	0.026	0.083	-0.203	-0.352
	(0.30)	(0.29)	(0.77)	(0.10)	(0.33)	(0.32)	(0.13)	(0.33)	(0.32)	(0.58)	(0.15)	(0.29)	(0.10)	(0.22)	(0.32)	(0.19)	(0.34)	(0.16)	(0.58)	(0.22)	(0.29)	(0.23)	(0.22)	(0.24)	(0.19)	(0.76)	(0.16)	(0.32)
Age 30-34	-0.029	-0.394	0.618	-0.181*	-0.169	-0.403	-0.108	-0.087	-0.021	0.143	-0.036	-0.356	-0.162	0.245	-0.392	0.044	-0.075	-0.174	0.158	-0.603***	-0.335	0.158	0.253	-0.385	0.068	0.161	-0.159	-0.295
	(0.30)	(0.29)	(0.77)	(0.10)	(0.33)	(0.32)	(0.13)	(0.33)	(0.32)	(0.58)	(0.15)	(0.29)	(0.10)	(0.22)	(0.32)	(0.19)	(0.34)	(0.16)	(0.58)	(0.22)	(0.29)	(0.23)	(0.22)	(0.24)	(0.19)	(0.76)	(0.16)	(0.33)
Age 35-39	0.010	-0.333	0.592	-0.078	-0.198	-0.286	0.005	-0.028	-0.030	0.167	0.030	-0.367	-0.063	0.279	-0.281	0.127	-0.016	-0.066	0.181	-0.602***	-0.349	0.182	0.287	-0.294	0.144	0.269	-0.057	-0.244
	(0.30)	(0.30)	(0.77)	(0.11)	(0.33)	(0.32)	(0.14)	(0.33)	(0.33)	(0.58)	(0.16)	(0.29)	(0.11)	(0.22)	(0.32)	(0.19)	(0.34)	(0.16)	(0.58)	(0.22)	(0.29)	(0.24)	(0.22)	(0.24)	(0.19)	(0.76)	(0.16)	(0.33)
Age 40-44	0.257	-0.296	0.869	-0.049	-0.066	-0.286	0.274*	0.021	0.261	0.227	0.067	-0.242	-0.034	0.257	-0.280	0.095	0.038	-0.171	0.240	-0.626***	-0.214	0.182	0.266	-0.328	0.110	0.245	-0.167	-0.344
	(0.31)	(0.30)	(0.77)	(0.12)	(0.34)	(0.32)	(0.16)	(0.34)	(0.33)	(0.58)	(0.17)	(0.29)	(0.12)	(0.22)	(0.32)	(0.19)	(0.34)	(0.16)	(0.58)	(0.23)	(0.29)	(0.24)	(0.22)	(0.25)	(0.19)	(0.76)	(0.16)	(0.33)
Age 45-49	0.104	-0.354	0.689	0.000	-0.222	-0.266	0.000	0.303	0.248	0.515	0.000	-0.192	0.000	0.476**	-0.262	0.173	0.316	-0.135	0.533	-0.519**	-0.161	0.254	0.485**	-0.275	0.189	0.227	-0.129	-0.363
	(0.34)	(0.33)	(0.78)	(.)	(0.35)	(0.33)	(.)	(0.34)	(0.38)	(0.58)	(.)	(0.29)	(.)	(0.22)	(0.33)	(0.19)	(0.35)	(0.17)	(0.58)	(0.23)	(0.30)	(0.24)	(0.23)	(0.25)	(0.20)	(0.76)	(0.17)	(0.33)
Age 50-54	0.000	0.000	0.834	-0.161	0.118	-0.191	-0.164	-0.098	0.000	0.335	0.377	-0.145	-0.141	0.756***	-0.177	0.198	-0.084	0.183	0.341	-0.483*	-0.128	0.221	0.756***	-0.558**	0.222	0.270	0.184	-0.333
	(.)	(.)	(0.95)	(0.34)	(0.45)	(0.41)	(0.69)	(0.38)	(.)	(0.60)	(0.33)	(0.31)	(0.33)	(0.25)	(0.41)	(0.21)	(0.38)	(0.20)	(0.60)	(0.25)	(0.32)	(0.26)	(0.25)	(0.27)	(0.22)	(0.76)	(0.20)	(0.34)
Age 60-64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1.359***	0.000	0.000	0.000	0.000	0.000	0.227	0.000	0.000
	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(0.56)	(.)	(0.43)	(.)	(.)	(.)	(.)	(.)	(0.89)	(.)	(.)
Age 65-69	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)
Head	0.115	0.075	0.033	0.174***	-0.004	0.160***	0.118	0.038	0.219***	-0.000	0.073	0.098*	0.170***	0.071	0.155***	0.008	0.034	0.009	-0.006	0.040	0.097*	0.080**	0.064	0.030	0.006	0.021	0.005	-0.018
	(0.09)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.08)	(0.05)	(0.08)	(0.05)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)
Individual: Literate no school	0.121	-0.015	0.035	-0.133	0.146	0.017	0.080	0.097	0.084	0.118	0.039	0.029	-0.145	0.086	-0.055	-0.005	0.112	0.174	0.126	0.166	0.051	-0.034	0.057	0.481***	-0.023	0.432	0.074	-0.230**
	(0.11)	(0.16)	(0.11)	(0.13)	(0.11)	(0.11)	(0.11)	(0.12)	(0.16)	(0.10)	(0.13)	(0.09)	(0.11)	(0.11)	(0.10)	(0.16)	(0.12)	(0.11)	(0.10)	(0.11)	(0.09)	(0.15)	(0.10)	(0.11)	(0.14)	(0.27)	(0.09)	(0.14)
Individual: Primary	0.073	0.068	0.158	-0.170	0.148	-0.015	0.068	0.053	0.082	0.003	0.104	-0.053	-0.118	-0.009	-0.056	-0.121	0.051	0.112	0.020	0.169	-0.029	0.022	-0.004	0.428***	-0.099	0.464*	0.042	-0.173
	(0.10)	(0.15)	(0.10)	(0.12)	(0.10)	(0.11)	(0.12)	(0.12)	(0.16)	(0.10)	(0.13)	(0.09)	(0.11)	(0.10)	(0.10)	(0.15)	(0.12)	(0.11)	(0.09)	(0.10)	(0.08)	(0.15)	(0.10)	(0.10)	(0.14)	(0.26)	(0.09)	(0.13)
Individual: Middle/Basic	0.127	0.190	0.158	-0.098	0.180*	0.029	0.079	0.130	0.171	0.076	0.206*	0.115	-0.054	0.122	-0.022	-0.017	0.110	0.247**	0.075	0.244**	0.122	0.103	0.096	0.461***	-0.034	0.540**	0.144*	-0.119
	(0.10)	(0.16)	(0.10)	(0.12)	(0.10)	(0.11)	(0.12)	(0.11)	(0.16)	(0.09)	(0.12)	(0.08)	(0.10)	(0.10)	(0.09)	(0.15)	(0.12)	(0.10)	(0.09)	(0.10)	(0.08)	(0.14)	(0.09)	(0.10)	(0.14)	(0.26)	(0.08)	(0.13)
Individual: General HS	0.193*	0.216	0.248**	-0.064	0.214**	0.136	0.217*	0.252**	0.250	0.178*	0.240*	0.186**	0.010	0.171*	0.107	0.064	0.256**	0.321***	0.193**	0.345***	0.221***	0.166	0.174*	0.511***	0.063	0.599**	0.249***	-0.041
	(0.10)	(0.16)	(0.10)	(0.12)	(0.10)	(0.11)	(0.12)	(0.12)	(0.16)	(0.09)	(0.13)	(0.09)	(0.11)	(0.10)	(0.10)	(0.15)	(0.12)	(0.10)	(0.09)	(0.10)	(0.08)	(0.14)	(0.10)	(0.10)	(0.14)	(0.26)	(0.08)	(0.13)
Individual: Voc/Tech HS	0.309***	0.221*	0.354***	0.070	0.311***	0.213*	0.273**	0.255**	0.268*	0.190**	0.371***	0.172**	0.128	0.211**	0.184*	0.059	0.281***	0.353***	0.217**	0.375***	0.221***	0.184	0.211**	0.536***	0.062	0.633**	0.274***	-0.033
	(0.10)	(0.16)	(0.10)	(0.12)	(0.10)	(0.11)	(0.13)	(0.12)	(0.16)	(0.10)	(0.13)	(0.09)	(0.11)	(0.10)	(0.10)	(0.15)	(0.12)	(0.10)	(0.09)	(0.10)	(0.08)	(0.14)	(0.10)	(0.10)	(0.14)	(0.26)	(0.08)	(0.13)
Individual: College+	0.498***	0.695***	0.628***	0.361***	0.587***	0.495***	0.599***	0.528***	0.618***	0.488***	0.711***	0.445***	0.413***	0.417***	0.457***	0.286*	0.538***	0.544***	0.498***	0.531***	0.469***	0.400***	0.412***	0.730***	0.283**	0.824***	0.463***	0.170
	(0.11)	(0.16)	(0.10)	(0.12)	(0.10)	(0.11)	(0.13)	(0.12)	(0.16)	(0.09)	(0.13)	(0.08)	(0.11)	(0.10)	(0.10)	(0.15)	(0.12)	(0.10)	(0.09)	(0.10)	(0.08)	(0.14)	(0.10)	(0.10)	(0.14)	(0.26)	(0.08)	(0.13)
Mother: Literate no school	0.068	-0.041	-0.018	-0.068*	0.067*	-0.048	-0.019	0.012	-0.072*	-0.003	-0.042	0.044	-0.049	0.097***	-0.031	0.047*	0.009	0.025	-0.004	0.005	0.022	0.024	0.076***	0.032	0.036	0.009	0.015	-0.054*
	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Mother: Primary	0.071**	-0.018	0.036	0.029	0.024	-0.045*	0.023	-0.005	0.001	0.020	-0.024	0.049**	0.029	0.050**	-0.050**	0.047**	0.000	0.016	0.029	0.020	0.043**	0.019	0.049**	0.023	0.050**	0.031	-0.001	-0.022
	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Mother: Middle/Basic	0.131	0.046	0.117*	0.017	0.002	-0.060	0.055	0.017	-0.027	0.091*	0.005	0.141***	0.007	0.091**	-0.085*	0.042	0.019	-0.000	0.062	-0.037	0.136***	0.003	0.087**	0.062*	0.044	0.026	-0.009	-0.042
	(0.08)	(0.06)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.04)	(0.06)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Mother: General HS	0.243***	0.102	0.239***	0.023	0.126	0.070	0.127	0.011	0.184**	0.206***	0.090	0.202***	0.040	0.221***	0.058	0.064	0.027	0.097**	0.176***	0.031	0.250***	0.040	0.201***	0.101**	0.057	0.061	0.084**	0.061
	(0.09)	(0.07)	(0.08)	(0.07)	(0.09)	(0.06)	(0.08)	(0.06)	(0.08)	(0.05)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Mother: Voc/Tech HS	0.115	0.030	0.162**	0.055	0.133	0.139**	0.097	0.055	0.094	0.113*	0.016	0.267***	0.065	0.222***	0.095	0.288***	0.050	0.080	0.115*	0.111**	0.256***	0.088*	0.182***	0.161***	0.256***	0.106**	0.064	-0.034
	(0.09)	(0.08)	(0.08)	(0.07)	(0.09)	(0.06)	(0.08)	(0.06)	(0.07)	(0.06)	(0.07)	(0.06)	(0.07)	(0.06)	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)
Mother: College+	0.358***	0.203**	0.202	0.342***	0.290**	0.074	0.418***	0.116	0.251***	0.362***	0.202**	0.294**	0.332***	0.240***	0.042	0.149**	0.062	0.054	0.162**	0.054	0.303***	0.106**	0.262***	0.128**	0.227***	0.110**	0.157***	0.167***	0.051	0.153***
	(0.13)	(0.09)	(0.13)	(0.08)	(0.11)	(0.07)	(0.11)	(0.08)	(0.09)	(0.08)	(0.09)	(0.07)	(0.08)	(0.06)	(0.07)	(0.06)	(0.08)	(0.06)	(0.08)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)
Mother: Agriculture & Mining	-0.057	-0.103**	0.059	0.085**	-0.061	0.003	0.138**	-0.005	0.002	0.059*	-0.101**	-0.010	0.078**	0.013	0.025	0.033	0.008	0.043	0.056*	-0.016	-0.025	-0.002	0.001	0.049	0.041	-0.028	0.016	0.006
	(0.05)	(0.05)	(0.04)	(0.04)	(0.05)	(0.04)	(0.05)	(0.03)	(0.05)	(0.03)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.04)	(0.03)	(0.04)
Mother: Industry	0.002	-0.050	0.001	-0.054	-0.011	0.024	-0.019	-0.010	-0.019	-0.023	0.019	0.020	-0.011	0.028	0.011	-0.015	0.034	0.063	-0.063	-0.030	0.004	0.041	0.009	-0.045	-0.046	-0.027	0.036	-0.111***
	(0.08)	(0.08)	(0.08)	(0.07)	(0.08)	(0.06)	(0.08)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Mother: Trade/Transport/Hospitality	-0.130*	-0.045	-0.076	0.054	0.004	-0.025	0.124**	-0.057*	-0.006	-0.055*	-0.040	-0.049	0.072*	-0.025	-0.022	-0.073***	-0.051*	-0.062**	-0.058**	-0.027	0.001	-0.033	-0.016	0.002	-0.074***	0.001	-0.062**	0.003
	(0.07)	(0.05)	(0.06)	(0.04)	(0.06)	(0.03)	(0.06)	(0.03)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.03)	(0.02)
Father: Literate no school	0.138**	0.030	0.097*	0.113*	-0.038	0.077	-0.009	0.070	0.049	0.054	-0.005	0.132***	0.106**	0.076*	0.056	-0.025	0.078*	0.095**	0.042	-0.029	0.082*	0.032	0.063	0.057	-0.028	-0.029	0.100**	0.023
	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.06)	(0.04)	(0.06)	(0.04)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)
Father: College+	0.152***	0.044	0.083*	0.093*	0.048	0.099**	0.064	0.118***	0.082	0.061*	0.027	0.083**	0.056	0.058*	0.064	0.030	0.107***	0.106***	0.033	0.066*	0.049	0.054	0.054*	0.054	0.017	-0.034	0.107***	0.014
	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.06)	(0.04)	(0.05)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)
Father:=Middle/Basic	0.173***	-0.002	0.111*	0.101*	-0.008	0.124**	0.149**	0.178***	0.104	0.138***	0.014	0.132***	0.072	0.069*	0.106**	0.083*	0.152***	0.106**	0.118***	0.094**	0.117***	0.017	0.071*	0.060	0.077*	0.004	0.104***	0.014
	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.05)	(0.07)	(0.04)	(0.07)	(0.04)	(0.06)	(0.04)	(0.04)	(0.03)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Father:=General HS	0.170**	0.147**	0.102	0.171**	0.109	0.212***	0.157**	0.153***	0.232***	0.106**	0.175***	0.119**	0.130**	0.075*	0.188***	0.129***	0.132***	0.123**	0.082*	0.062	0.075	0.045	0.079*	0.059	0.114**	-0.008	0.115***	0.065
	(0.08)	(0.07)	(0.07)	(0.07)	(0.07)	(0.06)	(0.08)	(0.05)	(0.08)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.05)	(0.05)	(0.04)	(0.05)
Father:=Voc/Tech HS	0.362***	0.087	0.230***	0.220***	0.111	0.250***	0.062	0.269***	0.223***	0.102*	0.080	0.119**	0.162***	0.128***	0.228***	0.125**	0.234***	0.131***	0.100**	0.121**	0.113**	0.175***	0.123***	0.121**	0.112**	0.053	0.116**	0.046
	(0.08)	(0.07)	(0.06)	(0.07)	(0.07)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.05)	(0.05)	(0.04)	(0.05)
Father:=College+	0.265***	0.113	0.132*	0.176**	0.079	0.222***	0.205***	0.339***	0.220***	0.143**	0.103	0.214***	0.147**	0.227***	0.225***	0.201***	0.302***	0.284***	0.162***	0.260***	0.164***	0.224***	0.228***	0.183***	0.174***	0.122**	0.267***	0.206***
	(0.08)	(0.08)	(0.07)	(0.07)	(0.07)	(0.06)	(0.08)	(0.06)	(0.08)	(0.06)	(0.07)	(0.06)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)
Father: Agriculture & Mining	0.016	0.057	-0.055	-0.108***	0.045	-0.000	-0.143***	0.026	0.025	-0.014	0.043	0.039	-0.127***	0.025	-0.001	-0.031	0.019	-0.067**	-0.004	-0.043	0.041	-0.066*	0.040	-0.094***	-0.031	0.017	-0.070**	-0.006
	(0.05)	(0.05)	(0.04)	(0.04)	(0.05)	(0.03)	(0.05)	(0.03)	(0.05)	(0.03)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.04)	(0.03)	(0.04)
Father: Industry	-0.067	-0.062*	-0.003	-0.035	-0.024	0.035	-0.020	0.058	0.000	-0.042	0.022	-0.049*	0.031	-0.025	0.033	-0.014	-0.011	0.027	0.020	0.017	0.032	0.003	0.030	0.021	0.015	-0.002		
	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.03)	(0.04)	(0.02)	(0.04)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Father: Trade/Transport/Hospitality	0.009	-0.025	-0.030	-0.049*	-0.035	-0.027	-0.010	0.002	0.005	-0.050**	-0.033	-0.025	-0.046**	-0.003	-0.041**	0.017	-0.007	-0.009	-0.056***	0.031	-0.032	-0.004	-0.003	-0.043**	0.015	-0.021	-0.003	-0.033*
	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Bati Marmara	-0.150**	-0.158***	-0.207***	-0.133**	-0.146**	-0.178***	-0.157**	-0.184***	-0.243***	-0.085*	-0.143**	-0.170***	-0.113**	-0.166***	-0.166***	-0.112***	-0.191***	-0.133***	-0.114***	-0.142***	-0.193***	-0.099**	-0.183***	-0.043	-0.134***	-0.191***	-0.107***	-0.117***
	(0.07)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
Ege	-0.266***	-0.110***	-0.296***	-0.123***	-0.191***	-0.150***	-0.213***	-0.153***	-0.239***	-0.105***	-0.102***	-0.107***	-0.112***	-0.189***	-0.153***	-0.106***	-0.161***	-0.127***	-0.123***	-0.115***	-0.097***	-0.127***	-0.203***	-0.091***	-0.129***	-0.144***	-0.119***	-0.075***
	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)
Dogu Marmara	-0.031	0.033	-0.031	-0.074**	0.051	-0.082***	-0.067	-0.074***	-0.020	-0.048*	0.008	-0.056*	-0.033	-0.104***	-0.061**	-0.060**	-0.063**	-0.104***	-0.073***	-0.042*	-0.058**	-0.034	-0.111***	-0.037	-0.072***	-0.065***	-0.096***	-0.008
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	(0.03)	(0.02)	(0.02)	(0.03)
Bati Anadolu	-0.155***	-0.107***	-0.095**	-0.069*	-0.141***	-0.111***	-0.115***	-0.091***	-0.135***	-0.031	-0.091**	-0.014	-0.046	-0.063**	-0.100***	-0.111***	-0.071**	-0.084***	-0.058**	-0.074***	-0.026	-0.083***	-0.090***	-0.083***	-0.110***	-0.123***	-0.088***	-0.063**
	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Akdeniz	-0.242***	-0.222***	-0.280***	-0.235***	-0.251***	-0.277***	-0.236***	-0.247***	-0.260***	-0.196***	-0.208***	-0.221***	-0.236***	-0.193***	-0.286***	-0.172***	-0.254***	-0.191***	-0.218***	-0.172***	-0.238***	-0.162***	-0.193***	-0.149***	-0.212***	-0.134***	-0.200***	-0.116***
	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.05)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)
Orta Anadolu	-0.080	-0.180***	-0.130**	-0.126**	-0.182***	-0.094**	-0.152**	-0.124***	-0.236***	-0.060	-0.194***	-0.107***	-0.135***	-0.083**	-0.106***	-0.003	-0.111***	-0.069*	-0.090**	-0.155***	-0.105***	-0.069*	-0.106***	-0.108***	-0.028	-0.107***	-0.066*	-0.125***
	(0.06)	(0.05)	(0.05)	(0.06)	(0.06)	(0.04)	(0.06)	(0.04)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.04)	(0.04)
Bati Karadeniz	-0.244***	-0.214***	-0.240***	-0.159***	-0.198***	-0.217***	-0.165**	-0.153***	-0.183***	-0.175***	-0.210***	-0.135***	-0.154***	-0.158***	-0.200***	-0.207***	-0.177***	-0.245***	-0.194***	-0.224***	-0.148***	-0.166***	-0.167***	-0.134***	-0.206***	-0.223***	-0.240***	-0.098**
	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.06)	(0.04)	(0.06)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)
Dogu Karadeniz	-0.137*	-0.255***	-0.131**	-0.217***	-0.039	-0.269***	-0.237***	-0.191***	-0.313***	-0.267***	-0.245***	-0.172***	-0.205***	-0.194***	-0.284***	-0.218***	-0.189***	-0.240***	-0.276***	-0.250***	-0.160***	-0.204***	-0.209***	-0.117**	-0.237***	-0.109**	-0.224***	-0.113**
	(0.08)	(0.06)	(0.07)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.07)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.04)	(0.05)	(0

Adjusted R-squared	0.300	0.360	0.367	0.316	0.300	0.320	0.393	0.283	0.403	0.287	0.392	0.287	0.354	0.284	0.368	0.264	0.308	0.272	0.329	0.272	0.340	0.247	0.319	0.237	0.311	0.232	0.340	0.215

Table B6. Estimates of hourly wage model for 10-year pairs, 2006-2024

	2006-2016		2007-2017		2008-2018		2009-2019		2010-2020		2011-2021		2012-2022		2013-2023		2014-2024	
	2006	2016	2007	2017	2008	2018	2009	2019	2010	2020	2011	2021	2012	2022	2013	2023	2014	2024
Female	-0.018	-0.063**	-0.048**	-0.048**	-0.040	-0.057**	-0.060**	-0.019	-0.085***	-0.027	-0.027	-0.032	-0.034	-0.035	-0.057***	-0.058***	-0.056***	-0.083***
	(0.03)	(0.03)	(0.02)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Age 15-19	-0.370	0.000	0.305	0.000	-0.519	0.000	-0.518***	0.000	-0.461	0.000	-0.406***	0.000	-0.485***	0.000	-0.719**	0.000	-0.335	0.000
	(0.30)	(.)	(0.77)	(.)	(0.33)	(.)	(0.14)	(.)	(0.33)	(.)	(0.15)	(.)	(0.10)	(.)	(0.32)	(.)	(0.34)	(.)
Age 20-24	-0.214	0.000	0.421	0.000	-0.361	0.000	-0.283**	0.000	-0.236	0.000	-0.229	0.000	-0.366***	0.000	-0.550*	0.000	-0.213	0.000
	(0.30)	(.)	(0.77)	(.)	(0.33)	(.)	(0.13)	(.)	(0.32)	(.)	(0.15)	(.)	(0.10)	(.)	(0.32)	(.)	(0.34)	(.)
Age 25-29	-0.065	-0.414	0.545	0.176	-0.258	0.002	-0.188	-0.238	-0.103	-0.635***	-0.129	0.058	-0.231**	-0.443*	-0.447	0.049	-0.129	-0.387
	(0.30)	(0.30)	(0.77)	(0.22)	(0.33)	(0.19)	(0.13)	(0.17)	(0.32)	(0.24)	(0.15)	(0.25)	(0.10)	(0.26)	(0.32)	(0.81)	(0.34)	(0.35)
Age 30-34	-0.029	-0.339	0.618	0.263	-0.169	0.049	-0.108	-0.185	-0.021	-0.561**	-0.036	0.136	-0.162	-0.396	-0.392	0.135	-0.075	-0.325
	(0.30)	(0.30)	(0.77)	(0.22)	(0.33)	(0.19)	(0.13)	(0.17)	(0.32)	(0.24)	(0.15)	(0.25)	(0.10)	(0.26)	(0.32)	(0.81)	(0.34)	(0.35)
Age 35-39	0.010	-0.352	0.592	0.297	-0.198	0.131	0.005	-0.074	-0.030	-0.556**	0.030	0.161	-0.063	-0.298	-0.281	0.246	-0.016	-0.269
	(0.30)	(0.30)	(0.77)	(0.22)	(0.33)	(0.19)	(0.14)	(0.17)	(0.33)	(0.24)	(0.16)	(0.25)	(0.11)	(0.26)	(0.32)	(0.81)	(0.34)	(0.35)
Age 40-44	0.257	-0.219	0.869	0.274	-0.066	0.095	0.274*	-0.176	0.261	-0.576**	0.067	0.170	-0.034	-0.332	-0.280	0.219	0.038	-0.358
	(0.31)	(0.30)	(0.77)	(0.23)	(0.34)	(0.20)	(0.16)	(0.17)	(0.33)	(0.24)	(0.17)	(0.26)	(0.12)	(0.26)	(0.32)	(0.81)	(0.34)	(0.35)
Age 45-49	0.104	-0.171	0.689	0.493**	-0.222	0.160	0.000	-0.133	0.248	-0.464*	0.000	0.234	0.000	-0.269	-0.262	0.197	0.316	-0.384
	(0.34)	(0.30)	(0.78)	(0.23)	(0.35)	(0.20)	(.)	(0.18)	(0.38)	(0.25)	(.)	(0.26)	(.)	(0.27)	(0.33)	(0.81)	(0.35)	(0.35)
Age 50-54	0.000	-0.144	0.834	0.773***	0.118	0.224	-0.164	0.163	0.000	-0.444*	0.377	0.205	-0.141	-0.565**	-0.177	0.249	-0.084	-0.332
	(.)	(0.32)	(0.95)	(0.26)	(0.45)	(0.22)	(0.69)	(0.21)	(.)	(0.27)	(0.33)	(0.28)	(0.33)	(0.29)	(0.41)	(0.81)	(0.38)	(0.37)
Age 60-64	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.716	0.000	-1.308***	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000
	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(0.59)	(.)	(0.46)	(.)	(.)	(.)	(.)	(.)	(0.95)	(.)	(.)
Age 65-69	0.000	0.000	0.000	0.313	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	(.)	(.)	(.)	(0.65)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)
Head	0.115	0.102*	0.033	0.074	-0.004	0.014	0.118	0.010	0.219***	0.054	0.073	0.101**	0.170***	0.010	0.155***	-0.005	0.034	-0.015
	(0.09)	(0.06)	(0.07)	(0.05)	(0.07)	(0.05)	(0.08)	(0.05)	(0.08)	(0.05)	(0.07)	(0.04)	(0.06)	(0.04)	(0.06)	(0.05)	(0.05)	(0.05)
Individual: Literate no school	0.121	0.103	0.035	0.140	0.146	-0.018	0.080	0.143	0.084	0.136	0.039	-0.015	-0.145	0.390***	-0.055	0.402	0.112	-0.341*
	(0.11)	(0.12)	(0.11)	(0.13)	(0.11)	(0.18)	(0.13)	(0.16)	(0.16)	(0.13)	(0.13)	(0.18)	(0.11)	(0.15)	(0.10)	(0.29)	(0.12)	(0.18)
Individual: Primary	0.073	-0.021	0.158	0.042	0.148	-0.118	0.068	0.101	0.082	0.168	0.104	0.006	-0.118	0.383***	-0.056	0.456	0.051	-0.214
	(0.10)	(0.10)	(0.10)	(0.12)	(0.10)	(0.17)	(0.12)	(0.16)	(0.16)	(0.12)	(0.13)	(0.17)	(0.11)	(0.14)	(0.10)	(0.28)	(0.12)	(0.16)
Individual: Middle/Basic	0.127	0.112	0.158	0.146	0.180*	-0.035	0.079	0.224	0.171	0.249**	0.206*	0.071	-0.054	0.426***	-0.022	0.519*	0.110	-0.164
	(0.10)	(0.10)	(0.10)	(0.12)	(0.10)	(0.17)	(0.12)	(0.16)	(0.16)	(0.12)	(0.12)	(0.16)	(0.10)	(0.13)	(0.09)	(0.28)	(0.12)	(0.16)
Individual: General HS	0.193*	0.171*	0.248**	0.196	0.214**	0.069	0.217*	0.326**	0.250	0.357***	0.240*	0.127	0.010	0.463***	0.107	0.571**	0.256**	-0.088
	(0.10)	(0.10)	(0.10)	(0.12)	(0.10)	(0.17)	(0.12)	(0.16)	(0.16)	(0.12)	(0.13)	(0.17)	(0.11)	(0.13)	(0.10)	(0.28)	(0.12)	(0.16)
Individual: Voc/Tech HS	0.369***	0.193*	0.354***	0.257**	0.311***	0.051	0.273**	0.324**	0.298*	0.378***	0.371***	0.152	0.128	0.502***	0.184*	0.640**	0.281**	-0.039
	(0.10)	(0.10)	(0.10)	(0.12)	(0.10)	(0.17)	(0.13)	(0.16)	(0.16)	(0.12)	(0.13)	(0.17)	(0.11)	(0.13)	(0.10)	(0.28)	(0.12)	(0.16)
Individual: College+	0.498***	0.508***	0.628***	0.485***	0.587***	0.319*	0.599***	0.546***	0.618***	0.558***	0.711***	0.396**	0.413***	0.711***	0.457***	0.832***	0.538***	0.155
	(0.11)	(0.10)	(0.10)	(0.12)	(0.10)	(0.17)	(0.13)	(0.16)	(0.16)	(0.12)	(0.13)	(0.16)	(0.11)	(0.13)	(0.10)	(0.28)	(0.12)	(0.16)
Mother: Literate no school	0.068	0.033	-0.018	0.089**	0.067*	0.097***	-0.019	0.042	-0.072*	0.008	-0.042	-0.009	-0.049	-0.020	-0.031	-0.009	0.009	-0.049
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)
Mother: Primary	0.071**	0.052*	0.036	0.055**	0.024	0.058**	0.023	0.022	0.001	0.027	-0.024	0.016	0.029	0.024	-0.050**	0.008	0.000	-0.041
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)
Mother: Middle/Basic	0.131	0.125**	0.117*	0.085*	0.002	-0.018	0.055	-0.011	-0.027	-0.065	0.005	0.012	0.007	0.070	-0.085*	-0.001	0.019	-0.015
	(0.08)	(0.06)	(0.07)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)
Mother: General HS	0.243***	0.241***	0.239***	0.280***	0.126	0.046	0.127	0.122**	0.184**	0.032	0.090	0.052	0.040	0.077	0.058	0.027	0.027	0.062
	(0.09)	(0.06)	(0.08)	(0.05)	(0.09)	(0.05)	(0.08)	(0.06)	(0.08)	(0.06)	(0.07)	(0.06)	(0.07)	(0.06)	(0.06)	(0.06)	(0.05)	(0.05)
Mother: Voc/Tech HS	0.115	0.223***	0.162**	0.264***	0.133	0.357***	0.097	0.149**	0.094	0.153**	0.016	0.163***	0.065	0.168***	0.095	0.048	0.050	-0.046
	(0.09)	(0.08)	(0.08)	(0.07)	(0.09)	(0.08)	(0.08)	(0.07)	(0.07)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.07)
Mother: College+	0.358***	0.295***	0.202	0.291***	0.290**	0.121	0.418***	0.086	0.251***	0.055	0.202**	0.157**	0.332***	0.120**	0.042	0.104*	0.162**	0.092
	(0.13)	(0.09)	(0.13)	(0.07)	(0.11)	(0.07)	(0.11)	(0.08)	(0.09)	(0.07)	(0.09)	(0.07)	(0.08)	(0.06)	(0.07)	(0.06)	(0.08)	(0.06)
Mother: Agriculture & Mining	-0.057	-0.011	0.059	0.008	-0.061	0.025	0.138**	0.065	0.002	-0.028	-0.101**	0.035	0.078**	0.060	0.025	-0.069	0.008	-0.042
	(0.05)	(0.05)	(0.04)	(0.04)	(0.05)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.03)	(0.05)	(0.03)	(0.06)
Mother: Industry	0.002	0.079	0.001	0.051	-0.011	-0.056	-0.019	0.085	-0.019	-0.089	0.019	0.017	-0.011	-0.062	0.011	-0.073	0.034	-0.225***
	(0.08)	(0.08)	(0.08)	(0.07)	(0.08)	(0.06)	(0.08)	(0.06)	(0.07)	(0.07)	(0.07)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.04)	(0.06)
Mother: Trade/Transport/Hospitality	-0.130*	-0.075*	-0.076	-0.063	0.004	-0.063	0.124**	-0.031	-0.006	-0.036	-0.040	-0.064	0.072*	-0.036	-0.022	0.024	-0.051*	0.032
	(0.07)	(0.04)	(0.06)	(0.04)	(0.06)	(0.04)	(0.06)	(0.04)	(0.05)	(0.04)	(0.04)	(0.05)	(0.04)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)
Father: Literate no school	0.138**	0.122**	0.097*	0.059	-0.038	-0.034	-0.009	0.111**	0.049	-0.004	-0.005	0.016	0.106**	0.079	0.056	-0.021	0.078*	0.014
	(0.06)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.07)	(0.04)	(0.07)
Father: College+	0.152***	0.076	0.083*	0.059	0.048	0.028	0.064	0.139***	0.082	0.097**	0.027	0.076	0.056	0.062	0.064	-0.009	0.107***	0.023
	(0.05)	(0.05)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.03)	(0.05)
Father:=Middle/Basic	0.173***	0.140**	0.111*	0.099**	-0.008	0.065	0.149**	0.142***	0.104	0.095*	0.014	0.018	0.072	0.071	0.106**	-0.004	0.152***	0.031
	(0.07)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.04)	(0.06)
Father:=General HS	0.170**	0.123*	0.102	0.054	0.109	0.148**	0.157**	0.145**	0.232***	0.121*	0.175***	0.046	0.130**	0.038	0.188***	0.026	0.132***	0.107*
	(0.08)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.08)	(0.06)	(0.08)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)
Father:=Voc/Tech HS	0.362***	0.129*	0.230***	0.126**	0.111	0.138**	0.062	0.167***	0.223***	0.153**	0.080	0.254***	0.162***	0.148**	0.228***	0.069	0.234***	0.087
	(0.08)	(0.07)	(0.06)	(0.06)	(0.07)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)
Father:=College+	0.265***	0.201***	0.132*	0.196***	0.079	0.241***	0.205***	0.323***	0.220***	0.299***	0.103	0.245***	0.147**	0.204***	0.225***	0.161**	0.302***	0.225***
	(0.08)	(0.07)	(0.07)	(0.06)	(0.07)	(0.07)	(0.08)	(0.06)	(0.08)	(0.06)	(0.07)	(0.06)	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)
Father: Agriculture & Mining	0.016	0.052	-0.055	0.023	0.045	-0.035	-0.143***	-0.076*	0.025	-0.050	0.043	-0.098*	-0.127***	-0.124***	-0.001	0.041	0.019	0.025
	(0.05)	(0.05)	(0.04)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.05)	(0.04)	(0.04)	(0.03)	(0.05)	(0.03)	(0.05)
Father: Industry	-0.067	0.053	-0.003	0.038	-0.054	0.054*	0.035	0.002	0.058	0.018	-0.042	0.032	-0.049*	0.001	-0.025	0.038	-0.014	0.043
	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)
Father: Trade/Transport/Hospitality	0.009	-0.024	-0.030	-0.003	-0.035	-0.015	-0.010	-0.026	0.005	0.035	-0.033	0.025	-0.046**	-0.024	-0.041**	-0.021	-0.007	-0.035
	(0.03)	(0.03)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.03)	(0.02)	(0.03)
Bati Marmara	-0.150**	-0.180***	-0.207***	-0.171***	-0.146**	-0.139**	-0.157**	-0.159***	-0.243***	-0.218***	-0.143**	-0.112*	-0.113**	-0.069	-0.166***	-0.205***	-0.191***	-0.174***
	(0.07)	(0.06)	(0.06)	(0.05)	(0.06)	(0.06)	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.04)	(0.06)	(0.04)	(0.06)
Ege	-0.266***	-0.188***	-0.296***	-0.207***	-0.191***	-0.137***	-0.213***	-0.142***	-0.239***	-0.135***	-0.102***	-0.126***	-0.112***	-0.087**	-0.153***	-0.135***	-0.161***	-0.058
	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)
Dogu Marmara	-0.031	-0.084**	-0.031	-0.121***	0.051	-0.102***	-0.067	-0.133***	-0.020	-0.084**	0.008	-0.049	-0.033	-0.021	-0.061**	-0.084**	-0.063**	-0.018
	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Bati Anadolu	-0.155***	-0.032	-0.095**	-0.055*	-0.141***	-0.126***	-0.115***	-0.096***	-0.135***	-0.109***	-0.091**	-0.071*	-0.046	-0.085**	-0.100***	-0.101***	-0.071**	-0.062*
	(0.05)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.03)	(0.04)	(0.03)	(0.04)
Akdeniz	-0.242***	-0.204***	-0.280***	-0.195***	-0.251***	-0.136***	-0.236***	-0.194***	-0.260***	-0.219***	-0.208***	-0.166***	-0.236***	-0.090**	-0.286***	-0.141***	-0.254***	-0.073*
	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.03)	(0.04)	(0.03)	(0.04)
Orta Anadolu	-0.080	-0.106**	-0.130**	-0.106**	-0.182***	-0.000	-0.152**	-0.091*	-0.236***	-0.147***	-0.194***	-0.082	-0.135***	-0.073	-0.106***	-0.071	-0.111***	-0.109**
	(0.06)	(0.05)	(0.05)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)
Bati Karadeniz	-0.244***	-0.121**	-0.240***	-0.139***	-0.198***	-0.206***	-0.165**	-0.293***	-0.183***	-0.250***	-0.210***	-0.144***	-0.154***	-0.142***	-0.200***	-0.242***	-0.177***	-0.143***
	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)
Dogu Karadeniz	-0.137*	-0.150**	-0.131**	-0.190***	-0.039	-0.298***	-0.237***	-0.256***	-0.313***	-0.322***	-0.245***	-0.233***	-0.205***	-0.126**	-0.284***	-0.158**	-0.189***	-0.190**
	(0.08)	(0.06)	(0.07)	(0.05)	(0.07)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.05)	(0.07)	(0.05)	(0.06)	(0.05)	(0.07)	(0.04)	(0.08)
Kuzey Dogu Anadolu	-0.238***	-0.198***	-0.169**	-0.020	-0.171**	-0.123*	-0.249***	-0.154**	-0.302***	-0.074	-0.147**	-0.140*	-0.084	-0.077	-0.112**	-0.119	-0.117**	-0.073
	(0.09)	(0.06)	(0.07)	(0.06)	(0.08)	(0.07)	(0.09)	(0.07)	(0.09)	(0.07)	(0.07)	(0.07)	(0.07)	(0.07)	(0.06)	(0.08)	(0.05)	(0.09)
Orta Dogu Anadolu	-0.211***	-0.082	-0.242***	-0.094*	-0.260***	-0.127***	-0.241***	-0.157***	-0.241***	-0.234***	-0.121**	-0.185***	-0.076	-0.114**	-0.134***	-0.236***	-0.142***	-0.228***
	(0.07)	(0.05)	(0.07)	(0.05)	(0.07)	(0.05)	(0.07)	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.06)	(0.04)	(0.06)
Guney Dogu Anadolu	-0.250***	-0.289***	-0.182***	-0.243***	-0.247***	-0.250***	-0.354***	-0.193***	-0.425***	-0.154***	-0.335***	-0.079*	-0.192***	-0.197***	-0.261***	-0.255***	-0.199***	-0.256***
	(0.06)	(0.05)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)
Constant	1.971***	2.541***	1.378*	1.971***	2.266***	2.412***	2.230***	2.331***	2.124***	2.775***	2.141***	2.246***	2.415***	2.441***	2.672***	1.989**	2.178***	3.375***
	(0.31)	(0.31)	(0.77)	(0.25)	(0.34)	(0.26)	(0.18)	(0.23)	(0.36)	(0.27)	(0.19)	(0.31)	(0.14)	(0.29)	(0.33)	(0.85)	(0.36)	(0.38)
Observations	1402	1506	1472	1546	1533	1580	1469	1554	1428	1512	1796	1544	2201	1564	2484	1509	2846	1600
R-squared	0.322	0.316	0.386	0.328	0.320	0.287	0.411	0.282	0.421	0.294	0.407	0.262	0.367	0.240	0.380	0.245	0.319	0.236

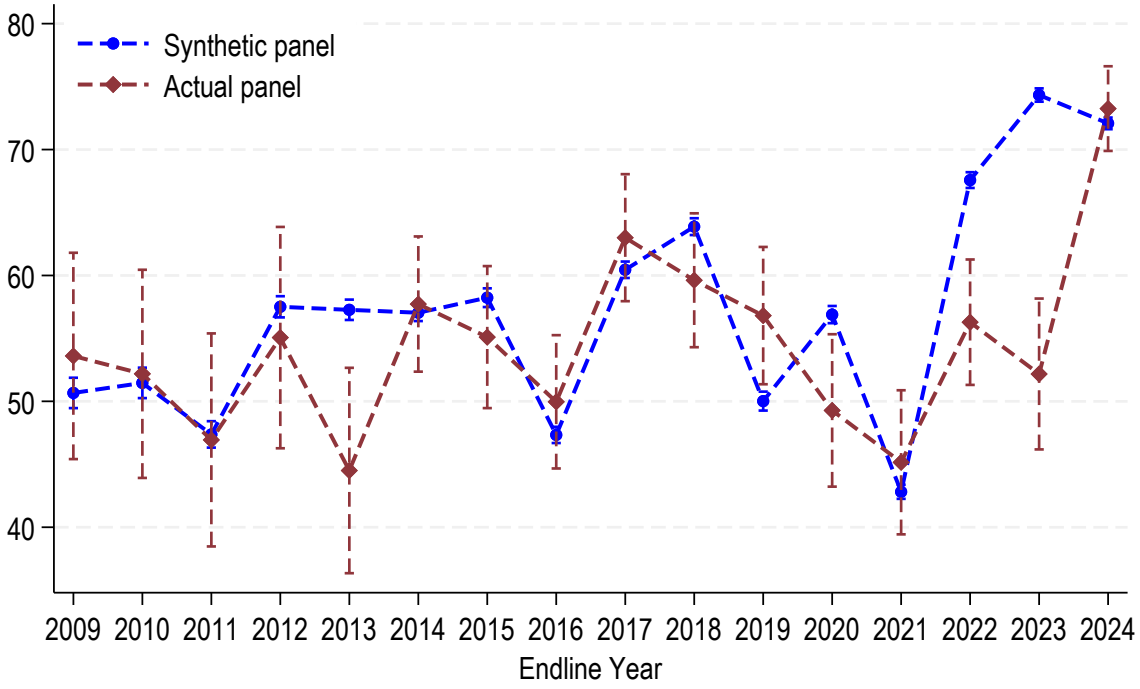
Adjusted R-squared	0.300	0.296	0.367	0.309	0.300	0.267	0.393	0.261	0.403	0.273	0.392	0.241	0.354	0.218	0.368	0.222	0.308	0.215

Table B7. Estimated rho (ρ) from cross-sectional data, Türkiye

First year	Second year	Simple correlation	Partial correlation in first year	Partial correlation in second year	Alternative rho
2006	2009	0.69	0.57	0.54	0.75
2006	2011	0.75	0.76	0.65	0.76
2006	2016	0.83	1.01	0.82	0.70
2006	2021	0.48	0.32	0.34	0.56
2006	2024	0.39	0.36	0.27	0.33
2007	2010	0.70	0.57	0.50	0.79
2007	2012	0.45	0.35	0.23	0.60
2007	2017	0.79	0.72	0.75	0.61
2007	2022	0.62	0.66	0.54	0.60
2008	2011	0.76	0.68	0.61	0.80
2008	2013	0.77	0.91	0.74	0.82
2008	2018	0.58	0.50	0.48	0.68
2008	2023	0.54	0.37	0.43	0.61
2009	2012	0.63	0.45	0.42	0.71
2009	2014	0.85	0.94	0.86	0.83
2009	2019	0.55	0.56	0.43	0.62
2009	2024	0.40	0.35	0.26	0.30
2010	2013	0.66	0.42	0.47	0.76
2010	2015	0.57	0.40	0.43	0.68
2010	2020	0.65	0.95	0.58	0.65
2011	2014	0.68	0.49	0.53	0.78
2011	2016	0.84	1.03	0.84	0.78
2011	2021	0.70	0.62	0.64	0.62
2012	2015	0.67	0.51	0.52	0.77
2012	2017	0.83	0.77	0.83	0.72
2012	2022	0.48	0.58	0.33	0.55
2013	2016	0.83	0.77	0.73	0.89
2013	2018	0.64	0.59	0.53	0.77
2013	2023	0.52	0.37	0.39	0.60
2014	2017	0.74	0.64	0.60	0.81
2014	2019	0.72	0.78	0.63	0.83
2014	2024	0.50	0.56	0.39	0.44
2015	2018	0.67	0.52	0.50	0.79
2015	2020	0.61	0.80	0.49	0.69
2016	2019	0.84	0.77	0.74	0.85
2016	2021	0.88	0.88	0.90	0.84
2017	2020	0.74	0.63	0.63	0.80
2017	2022	0.60	0.68	0.51	0.71
2018	2021	0.85	0.77	0.76	0.88
2018	2023	0.60	0.47	0.50	0.68
2019	2022	0.53	0.31	0.34	0.73
2019	2024	0.59	0.65	0.53	0.39
2020	2023	0.45	0.25	0.25	0.66
2021	2024	0.67	0.54	0.53	0.60

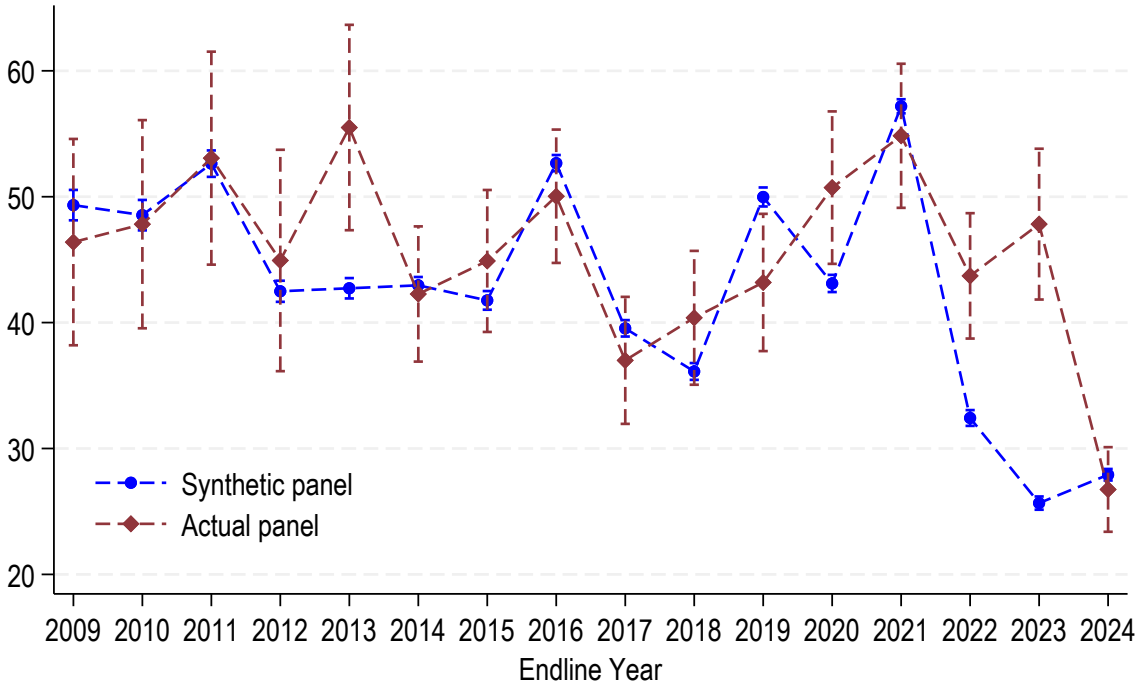
Note: ρ are estimated with cohorts being defined by age groups (1 "00-04" 2 "05-11" 3 "12-14" 4 "15-19" 5 "20-24" 6 "25-29" 7 "30-34" 8 "35-39" 9 "40-44" 10 "45-49" 11 "50-54" 12 "55-59" 13 "60-64" 14 "65+") interacted with individual highest completed education level (0 "Illiterate" 1 "Literate, no school" 2 "Primary" 3 "Middle/Basic" 4 "General HS" 5 "Voc/Tech HS" 6 "College+"). In each baseline year, the sample is restricted to individuals aged 15–55, and this restriction is adjusted accordingly in the endline year.

Figure B1. Upward wage mobility for 3-year periods, using synthetic panels and actual panels



Note: Hourly wages are expressed in constant 2018 prices using the consumer price index. Upward mobility is defined as moving from below 60% of median hourly wage (of employees in that year) to above it in the next period. Wage thresholds are anchored to the endline year for each panel. In each baseline year, the sample is restricted to individuals aged 15–55, and this restriction is adjusted accordingly in the endline year. The x-axis refers to the endline year of each backward-looking panel where transitions are anchored on the later year, which is shown with the synthetic panel endline years for consistency.

Figure B2. Chronic low wage for 3-year periods, using synthetic panels and actual panels



Note: Hourly wages are expressed in constant 2018 prices using the consumer price index. Chronic low wage is defined as staying below 60% of median hourly wage (of employees in that year) in both periods. Wage thresholds are anchored to the endline year for each panel. In each baseline year, the sample is restricted to individuals aged 15–55, and this restriction is adjusted accordingly in the endline year. The x-axis refers to the endline year of each backward-looking panel where transitions are anchored on the later year, which is shown with the synthetic panel endline years for consistency.