# Fertility Among the Descendants of Immigrants in Eight European Countries

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#### Abstract:

This study investigates the childbearing patterns of the descendants of immigrants in eight European countries, with a focus on ethnic minority women whose parents arrived in Europe from high-fertility countries. While the fertility levels of immigrants to Europe have been examined in the recent literature, the childbearing patterns among their descendants have received little attention. Using longitudinal data from eight European countries and applying Poisson regression models, the study shows that many descendants of immigrants exhibit first-birth levels that are similar to the native population in their respective countries; however, first-birth levels are slightly elevated among women of Pakistani and Bangladeshi origin in the UK and for those of Turkish descent in France and Belgium. Transition rates to a second child vary less across ethnic groups; only women of Pakistani and Bangladeshi ethnic origin in the UK exhibit elevated second-birth levels. Most ethnic minority women in the UK, France and Belgium show significantly higher third-birth levels than natives in those countries. The inclusion of women's level of education in the analysis has little effect on fertility differences across the ethnic groups. Overall, the childbearing behaviour of the 'second-generation' falls in between the fertility pathways experienced by their parents' generation and the respective native populations. The analysis supports the idea that both the *mainstream society* and the *minority subculture* shape the childbearing patterns of the descendants of immigrants in Europe. Fertility levels of the descendants of immigrants from high-fertility countries are expected to further decline in the 'third generation', but a significant intra-group heterogeneity will likely persist.

Keywords: Fertility, immigrants, the second-generation, Europe, Poisson regression

### 1. Introduction

European populations are characterised by an increasing share of immigrants and their descendants (Castles & Miller, 2009; Rees, van der Gaag, de Beer, & Heins, 2012). In the second half of the 20th century, immigrants mostly arrived in Northern and Western European countries, whereas in the first decade of this century, Southern European countries experienced a rapid increase of the immigrant population (Arango, 2000; Cornelius, 1994; Raymer, de Beer, & van der Erf, 2011). Central and Eastern European countries with state socialist regimes and planned economy showed specific migration patterns during the post-WWII period; some countries contributed to intra-European labour migration, some experienced emigration of political refugees. The East-West migration streams significantly increased after the fall of communism and some Eastern European countries have experienced large emigration streams also in the first decades of this century (Fassmann & Münz, 1994; Frejka, 1996; Raymer et al., 2011; Rees et al., 2012). Over time, the share of the descendants of post-war immigrants has also increased. In many Northern and Western European countries, immigrants and their descendants form approximately one-fifth to onefourth of the population (OECD, 2014; Zimmermann, 2005). Ethnic minorities thus increasingly shape demographic, social and cultural trends in European societies.

There is extensive research examining different aspects of immigrants' lives, including their legal status and citizenship (Bauböck, 2003; Seifert, 1997), employment and education (Adsera & Chiswick, 2007; Rendall, Tsang, Rubin, Rabinovich, & Janta, 2010), and residential and housing patterns (Arbaci, 2008; Musterd, 2005). There is also a growing interest in family and fertility dynamics among ethnic minorities. While the fertility of immigrants in European countries has received considerable attention in the recent demographic literature (Andersson, 2004; Kulu & Milewski, 2007; Milewski, 2010b; Mussino & Strozza, 2012; Sobotka, 2008; Tromans, Natamba, & Jefferie, 2009), the childbearing patterns among the descendants of immigrants have been little studied and understood. The few existing studies show that the descendants of immigrants from high-fertility countries usually have lower fertility levels than their parents' generation, but for some groups, fertility levels remain relatively high (Coleman & Dubuc, 2010; Milewski, 2010b; Sobotka, 2008).

This study investigates the childbearing patterns among the descendants of immigrants in eight European countries: the UK, France, Germany, Belgium, Switzerland, Sweden, Spain and Estonia. This group includes "old" and "new" immigrant countries as well as countries with different migration and family policies and fertility dynamics and patterns. While each country represents a unique case study, the cross-country analysis of fertility behaviour among ethnic minorities will provide the opportunity to detect similarities and differences across European countries. Our main focus is on the fertility of the descendants of immigrants from high-fertility countries. We examine whether the fertility patterns of the so-called second generation are similar to those of their parents' generation, which are often shaped by fertility patterns in the sending country, or those of the native population.

This study extends previous research on ethnic minority fertility in the following ways. First, we conduct a comparative study on the fertility patterns of the descendants of immigrants in eight European countries to advance our understanding of the factors that shape the childbearing patterns among the second generation. Second, we disaggregate fertility measures and analyse the fertility of ethnic minorities by parity to gain information on the underlying fertility behaviour of ethnic minorities. Third, we fit a series of regression models with and without controls for demographic and socio-economic factors to improve our understanding of the role of various factors in shaping the fertility patterns of the descendants of immigrants. The novelty of this study is thus in the use of disaggregated and standardised fertility measures in a comparative study on ethnic minority fertility.

#### 2. Explaining fertility among the descendants of immigrants

The research to date has investigated the role of origin and destination country contexts in shaping immigrant fertility. Some studies have demonstrated that immigrants maintain the childbearing patterns that are dominant in their country of origin (Coleman, 1994; Garssen & Nicolaas, 2008), whereas others have shown that over time, immigrant fertility behaviour increasingly resembles that of natives in the destination country (Andersson, 2004). However, those moving from high-fertility countries to low-fertility settings tend to have larger families than the natives in the destination country (Milewski, 2010b). Due to selection processes the fertility behaviour of immigrants can also substantially differ from that dominant in the sending country (Chiswick, 1999; González-Ferrer, Hannemann, & Castro-Martín, 2016). The fertility behaviour of the descendants of immigrants is primarily influenced by the social

environment in the country in which they grew up. However, their living environment may differ significantly. Some may grow up under the influence of *mainstream society*, while others may be raised and (mostly) live under the influence of the *minority subculture*, if such a subculture exists.

The influence of mainstream society leads to structural (or mostly economic) and cultural assimilation of the descendants of immigrants suggesting that their behaviour becomes similar to that of the majority population (Berry, 1992). The existence of minority subculture suggests that populations of foreign origin may preserve values, norms and behaviour concerning family and fertility behaviour that are common in the respective countries of origin (Milewski, 2010b). Over time a group of immigrants and their descendants may gradually become a minority group with a sense of self-awareness to distinguish between 'us' and 'them', which is also perceived by members of the majority group (Bean & Tienda, 1987; Milewski, 2010a).

Research should therefore determine whether the childbearing behaviour of the descendants of immigrants from high-fertility societies is similar to that of their parents (and their country of origin) or to the patterns that dominate in the mainstream society. If immigrants and their descendants exhibit similar fertility behaviour, which significantly differs from that of the native population, we could assume that the descendants of immigrants were mostly raised under the influence of the minority subculture (Kulu & González-Ferrer, 2014). In contrast, if we observe similar patterns for the descendants of immigrants and the natives, we can conclude that the descendants of immigrants have mostly been influenced by the mainstream society (Kulu & González-Ferrer, 2014). If both the minority subculture and mainstream society have been important (potentially at various stages in an individual's life, e.g., the minority subculture at earlier ages and the mainstream society later), the second generation should show fertility levels that are in between those of immigrants and natives. Such a comparison assumes some differences in fertility levels between the two reference groups, which may be true for immigrants from high-fertility countries in low-fertility settings (e.g., Turkish immigrants in Germany), but not for those who have moved between two countries with similar fertility levels (e.g., Romanians in Spain), although a detailed analysis of childbearing patterns may still reveal some important differences between the groups (e.g., the timing of family formation).

What are the factors that explain the fertility patterns among the descendants of immigrants? Cultural factors may be important. A relatively high fertility rate among some ethnic minority groups may be explained by the fact that they come from large families, they may have grown up in a 'high-fertility' culture and extended family may play an important role in their lives (Fernández & Fogli, 2006; Penn & Lambert, 2002; Robson & Berthoud, 2006). Extended family can support young mothers with children, particularly by providing (highquality and cheap) childcare when needed. Furthermore, value and societal meaning of children may vary between countries and ethnic origins, which would explain some differences in fertility behaviour among different ethnic groups (Nauck, 2007; Nauck & Klaus, 2007). Besides the value of children, the intensity and strength of family ties and the impact of kin on fertility decisions may vary between the different cultures (Reher, 1998). Larger families could also be a result of the cultural pressure to continue childbearing until they have at least one and preferably two sons (Hampshire, Blell, & Simpson, 2012). Similarly, normative factors may be responsible for a desire for small families among the descendants of immigrants who grew up under the influence of a 'low-fertility' mainstream society.

While most research on immigrant and ethnic minority fertility tends to emphasise the importance of *cultural factors*, it is possible that *education* and *employment*-related *factors* may play a key role in shaping the fertility behaviour of the descendants of immigrants. Successful structural integration suggests that high educational aspirations and increased opportunity costs may lead to a significant postponement of family formation and smaller family size among ethnic minority women, thus following the trends for natives in European countries. In contrast, poor employment prospects among some ethnic minority groups due to inferior education and hidden discrimination in the labour market may promote early onset and high completed fertility. Young ethnic minority women may decide to choose the 'motherhood track' to find meaning for their lives and justify their lives to others. For example, research in the UK shows that women of Pakistani and Bangladeshi ethnic origin equate being a housewife with high status (Salway, 2007). While such a belief may be consistent with traditional gender roles in South Asian communities (Hennink, Diamond, & Cooper, 1999), it may be equally explained by the poor employment options among ethnic minority women.

The welfare state provision and policies have been shown to shape fertility trends and patterns in Europe and other industrialised countries (Jan M. Hoem, 1993; Luci-Greulich & Thevenon, 2013; McDonald, 2006; Neyer & Andersson, 2008). State policies may matter for the fertility behaviour of migrants as well (Andersson & Scott, 2005). In addition, similarly to the native population, the descendants of migrants are exposed to the state welfare policies in their home country since early childhood. Thus, state policies may explain whether and how much convergence towards the native baseline has taken place among the descendants of immigrants. The effect of the mainstream society on the descendants of immigrants can be assumed to be stronger in countries with inclusive integration policies and a range of policies that reduce inequalities between population subgroups and promote equality in all spheres of society (including gender equality) than in countries with exclusionist integration policies or where market forces are expected to (mostly) dominate individuals' lives (G. Esping-Andersen, 1990; Gøsta Esping-Andersen & Billari, 2015; McDonald, 2000; Seifert, 1997). Thus, the existence of state policies or the lack of them may explain high fertility rates among some ethnic minority women. For example, high residential segregation (with the weakest schools in ethnic minority areas) or selective school systems (where selection takes place at a very early age, leaving little chance for minority children to excel) may lead to poor educational outcomes among ethnic minority populations. Ethnic minority women with poor employment prospects may decide on the 'motherhood track', particularly if family policies encourage women to stay at home with children. In contrast, low educational segregation between population subgroups and state policies that encourage women's employment and support the compatibility of employment and parenthood, in turn, may explain a lack of high fertility among ethnic groups in a country (Kulu & González-Ferrer, 2014).

Recent research has emphasised the importance of gender equality in shaping fertility trends and patterns in Europe showing that more equalitarian countries have higher fertility levels than less equalitarian societies in the low fertility context (Gøsta Esping-Andersen & Billari, 2015; Kohler, Billari, & Ortega, 2002; McDonald, 2000). The interplay between genderrelated attitudes among ethnic minority women and the levels of gender equality within minority groups may significantly shape minority fertility. The conventional malebreadwinner model may promote relatively high fertility levels among ethnic minority women with conservative gender roles. However, in groups with conservative gender relations, but with a high aspiration of gender equality among ethnic minority women, fertility levels may be low, particularly the likelihood of forming a family, especially in the countries where compatibility of employment and parenthood is difficult (McDonald, 2000).

## 3. Childbearing among the descendants of immigrants in Europe

Previous research has shown that the descendants of some immigrants have fertility levels that are similar to those of the native population, but there are also ethnic minorities, predominantly those of non-Western origins, with early childbearing and relatively high fertility levels (Sobotka, 2008). Milewski (2010b) analysed the fertility levels of the second generation in Germany and showed that there were few (if any) differences between the childbearing behaviour of the descendants of immigrants from Southern Europe and native Germans, whereas those of Turkish descent exhibited distinct childbearing patterns. Those of Turkish descent had their first child much earlier than other population groups, and the likelihood of having a first and a third child was much higher than among the native population. Scott and Stanfors (2011) investigated the fertility levels of ethnic minorities in Sweden. Their analysis showed that the descendants of immigrants in general had somewhat lower first-birth rates than the native Swedish population. Only a limited number of groups of descendants from few high-fertility countries had higher first-birth rates than the native Swedish population or other ethnic minority groups.

A study by Coleman and Dubuc (2010) on ethnic minority fertility in the UK showed that fertility levels significantly declined among ethnic minority populations in Britain in the last decades of the 20th century. Furthermore, for each ethnic group, fertility levels were lower among the descendants of immigrants than immigrants. However, fertility levels were low among women of Indian and Caribbean origin, but still relatively high among women of Pakistani and Bangladeshi descent. Garssen and Nicolaas (2008) found similar results in their study of the childbearing patterns of women of Turkish and Moroccan origin in the Netherlands. The analysis showed that immigrant women had significantly higher fertility levels than the native Dutch population, while the second generation exhibited fertility levels that were in between of those of immigrants and natives. Finally, Milewski (2011) analysed the family formation of women of Turkish descent in seven European countries and showed that they had high first-birth levels in all seven countries. However, there were also significant differences across countries: the second-generation Turkish women had somewhat higher first-birth rates in Sweden, France and the Netherlands and lower levels in Germany and Switzerland. Thus, the study provided evidence of both socialisation into a minority subculture as well as into the mainstream society.

In summary, previous research shows that many ethnic minority groups in Europe have fertility levels that are similar to the native population; the descendants of immigrants from high-fertility countries have lower fertility rates than their parents' generation, but for some groups, fertility levels are still higher than for the native population. This study examines childbearing patterns among the descendants of immigrants in selected European countries, with a particular focus on ethnic minority women whose parents arrived from high-fertility countries. This comparative analysis of fertility patterns combines data from eight European countries: the UK, France, Germany, Belgium, Switzerland, Sweden, Spain and Estonia. The countries represent both old and new immigration countries; they vary by welfare state provision and policies; they differ in their post-war political and economic histories; and they represent all of the major regions and fertility regimes of Europe. The diversity of countries offers the opportunity to detect similarities and differences across European countries and to gain a better understanding of the factors that shape the childbearing patterns among the descendants of immigrants. Another contribution of this study is the analysis of ethnic minority fertility by parity with and without controls for demographic and socio-economic factors. Parity-specific analysis provides rich information on the fertility behaviour of the descendants of immigrants. To the best of the authors' knowledge, no previous study on the childbearing patterns of ethnic minorities has combined a comparative approach with a parity-specific analysis.

Our hypotheses come from previous research and they are as follows. First, most ethnic minority groups in Europe will exhibit childbearing patterns similar to those of the respective native populations, but fertility levels are expected to remain relatively high among certain ethnic minority women, mostly of non-Western origin. It is less clear whether their (expected) high fertility is attributed to the high likelihood of experiencing all first three parity transitions or mostly to high third-birth levels. Second, we expect fertility differences between natives, immigrants and their descendants to decrease after adjusting patterns to socio-demographic characteristics of women; again, an interesting question is how much will education explain initial fertility differences across the population subgroups? Finally, we expect to observe smaller variation in ethnic minority fertility in countries with a range of social policies to reduce inequalities and differences between population subgroups.

### 4. Data

This study uses data from eight European countries: the UK, France, Germany, Belgium, Switzerland, Sweden, Spain and Estonia. Data for the UK are derived from the first wave (2009/2010) of the Understanding Society study, which collected retrospective information on the partnership and fertility histories of the British population, including a boost sample for the main ethnic groups (Kulu & Hannemann, 2015). For France, data from two different sources were combined: the Trajectories and Origins survey, which was conducted in 2007 by the French National Institute of Demography and the French National Statistical Office, and the Family and Housing Survey, which was another retrospective study that was carried out by the National Institute of Statistics and Economic Studies in 2011 (Pailhé, 2015). The German data come from the Mikrozensus of 2005 and 2009, which was a one percent sample of all German households. The fertility histories of German women were reconstructed using the 'own-children method' (Cho, Retherford, & Choe, 1986; Krapf & Wolf, 2015). For Belgium, we use the 2001 census data, which contain information on the full fertility histories for women<sup>1</sup>. The Swedish data are derived from the Swedish Population Register, which includes information on all of the main life events of individuals, including the birth of children (Andersson & Persson, 2015). For Spain, this study exploits data from the Fertility and Values Survey, which was conducted by the Centre for Sociological Research in 2006 (González-Ferrer, Castro-Martín, & Kraus, 2015). Finally, data for Estonia were retrieved from two retrospective studies: the Estonian Generation and Gender Survey (2004/2005) and the Estonian Family and Fertility Survey (1994) (Rahnu, Puur, Sakkeus, & Klesment, 2015).

This study investigates fertility by parity among the descendants of immigrants in eight European countries. In total, there are as many as fifty population subgroups for the analysis of first birth. For some countries, groups of natives, immigrants (the 'first generation') and their descendants (the 'second generation') are included, while for other countries, data are only available for natives and the descendants of immigrants. The UK data distinguish among four groups of origin for both immigrant generations: 1) Europe and other industrialised countries; 2) India; 3) Pakistan and Bangladesh; and 4) Caribbean countries. For France, the following groups of own and their parental origin are investigated: 1) Maghreb states; 2) Sub-Saharan Africa; 3) Turkey; and 4) Southern Europe. The German data include only one ethnic minority group – women of Turkish descent. The main groups of origin for ethnic

<sup>&</sup>lt;sup>1</sup> We would like to thank Didier Willaert for providing supplementary information on the Belgian census data.

minorities in Belgium are: 1) Italy; 2) Morocco; and 3) Turkey. For Switzerland, there are also three groups of immigrants and their descendants: 1) former Yugoslavia and Turkey; 2) Western Europe; and 3) Southern Europe. The data on the Swedish minority populations consist of the descendants of immigrants from: 1) Finland; 2) former Yugoslavia; 3) Turkey; and 4) Iran. For Spain, which has experienced immigration only recently, this study distinguishes among three groups of immigrants who arrived in Spain at age 15 or younger (the '1.5 generation'): 1) the EU and North America; 2) Maghreb; and 3) Latin America. The dominant origins for ethnic minorities in Estonia are of Slavic origin with over 80% of foreign born individuals coming from Russia, Ukraine and Belarus (Rahnu et al., 2015), which are combined in this study under the label 'Russian speakers' or 'Russian-speaking population'.

For each country we decided to use the most relevant and the highest quality data with sufficiently large samples of descendants of immigrants, thus sacrificing the option for an 'easy' comparison by using international surveys such as GGS or SHARE for available countries. Our research sample consists of women born between 1940 and 1989, and the data are categorised into five 10-year birth cohorts. For two countries, information was available for a shorter cohort range: for Germany, 1965–1989 and for Spain, 1950–1989. For Sweden only the birth cohorts 1970–79 were used. Therefore, sensitivity analysis was conducted to determine the effect of different cohort ranges on the results (i.e., 1940–1989, 1950–1989, 1960–1989). The analysis showed that the results only slightly changed (the confidence intervals for the parameters were the most predominant changes); therefore, for the sake of the sample size, the full cohort range (available for the most countries), that is, women born between 1940 and 1989, is used for this analysis.

We use both, data from sample surveys and population registers (Belgium, Germany and Sweden). To keep the samples of the same size we drew a sample of population registers. The sample size still varied across countries (Table 1). In a preliminary analysis, different weights were applied to account for the different sample sizes. Again, the results did not change significantly – the most common change was that the confidence intervals around the parameters increased or decreased when we applied sample weights (see Table A1 in Appendix). Because our main interest is the fertility of ethnic groups and we have included only a few control variables, we decided to use the original sample sizes despite some differences across countries. Another issue was related to the comparison of fertility rates

obtained by using register data and those based on the survey data. Previous study on the UK by Kulu and Hannemann (2015) showed that the survey data tend to overestimate fertility levels, although differences for the UK were small. Therefore, this study may slightly underestimate fertility levels in Belgium, Germany and Sweden relative to those in other countries. However, the latter is not a major issue if the main aim is to compare fertility variation across population subgroups and detect the groups with low or high fertility levels. Given the high quality of the data sources and use of well-defined control variables, the harmonization process between the various datasets from all eight countries was straightforward.

#### (Table 1 about here)

#### 5. Methods

We use the count-data approach to investigate fertility by parity in eight European countries by drawing upon methodology developed by Hoem (Hoem, 1987; J. M. Hoem, 1993; Hoem et al., 1976). This approach is preferred to merge data from different countries and conduct a data analysis when individual-level data cannot be released to another research group or country. The count-data approach can be used to compare fertility rates across population subgroups and countries with and without standardising the rates to individual characteristics. An event-time (or occurrence-exposure) table for each country is prepared, which is defined by a cross-classification over a set of time intervals and covariate categories (Preston, 2005). The data for each cell in such a table include the total number of events,  $E_{jk}$ ; the total time (normally person-years) at risk,  $R_{jk}$ ; and values of covariates,  $x_{jk}$ , for time period j and category k. For each cell, the ratio of the number of events to the risk-time is a crude hazard:

$$\lambda_{jk} = E_{jk} / R_{jk} \tag{1}$$

where  $\lambda_{jk}$  is the hazard for category *k* in time period *j*. Let  $E_{jk}$  denote the number of first births for group *k* in age group *j*. We treat  $E_{jk}$  as the realisation of a Poisson random variable with the mean  $\mu_{jk}$ :

$$\mu_{jk} = \lambda_{jk} \times R_{jk} \tag{2}$$

The expected number of first births is, thus, the product of the hazard of first birth and exposure time. We can present the model in a log-linear format:

$$\ln \mu_{jk} = \ln \lambda_{jk} + \ln R_{jk} \tag{3}$$

We then rearrange the equation to investigate the hazard of first birth:

$$\ln(\mu_{jk}/R_{jk}) = \ln \lambda_{jk} \tag{4}$$

Finally, we present a log-linear model for the hazard of first birth while also including additional covariates:

$$\ln \lambda_{jk} = \alpha_j + \mathbf{x}'_k \beta \tag{5}$$

where  $\alpha_j = \ln, \lambda_j$  measures the hazard of first birth by age (the 'baseline'), **x**'<sub>k</sub> is a vector of the covariates (migrant status and country combined, cohort and educational level) and  $\beta$  represents a vector of the parameters to measure their effects. For higher order births (i.e., second and third),  $\alpha_j$  measures the hazard of the *n*th birth by time since previous birth, and the individual's age at first birth can be included in the analysis as an additional covariate.

We used individual-level data to calculate aggregated exposure-occurrence tables for each country, which were aggregated using different combinations of socio-demographic variables. Individuals became under risk at age 15 and were censored at age 45 or the last data collection date, whichever came first. In the case of Germany, the data source only allowed us to observe women from their 18th birthday onwards, and their life histories were censored at age 40. All country files were then merged into one common database and modelled using a Poisson regression model (5). The variables that were used to prepare the exposure-occurrence tables were as follows: migrant group (specific to country, see data section), birth cohort (1940-49, 1950-59, 1960-69, 1970-79, 1980-89), age group (15-19, 20-24, 25-29, 30-34, 35-44) or time since previous birth in years (0-1, 1-3, 3-5, 5-10, 10+), educational level (low, medium and high, according to ISCED (1997) levels 0-2, 3-4 and 5-6) and for higher order births, the woman's age at first birth (15-19, 20-24, 25-29, 30-44). Table 2 provides the size of the risk population and the number of events and person-months for each birth (first, second and third) in the eight countries by migrant group. In most cases, the

available risk population decreases when proceeding with the investigation to higher order births because women who did not experience a previous birth are no longer included in the new risk population (e.g., childless women are not under risk to experience a second birth). In the case of Germany, two similar size sample sets were drawn from the original data source for the analysis of first and second births.

(Table 2 about here)

## 6. Results

#### 6.1. First birth

For the analysis of first births, all childless women are at risk. The first model only controls for age (baseline) and cohort. We fit our regression models separately for two groups of countries with slightly different timing of childbearing (early versus late). Native British and German women are the reference groups in all comparisons, accordingly. We see that firstbirth rates are similar for native women in the UK, France and Belgium (Table 3 and Figure 1a). The first-birth rates are high in Estonia, as expected. The first-birth rates are relatively low in Germany and Switzerland (further analysis showed lower levels for Germany in comparison to the UK); they are slightly higher in Spain and Sweden (Table 3 and Figure 1b). The results are consistent with well-known differences in the timing and level of family formation across European countries (Adsera, 2011; Billari & Kohler, 2004; Goldstein et al., 2009; Goldstein & Kreyenfeld, 2011; Kohler et al., 2002; Toulemon, Pailhé, & Rossier, 2008). Immigrants from Pakistan and Bangladesh in the UK and those from Turkey in France, Belgium and Germany exhibit significantly higher first-birth rates than most other population subgroups, which is expected, given that they arrived in Europe from high-fertility societies. The patterns vary among the *descendants* of immigrants. For most ethnic minority groups, first-birth rates are relatively similar to those of natives in the respective countries or slightly lower. First-birth risks are somewhat higher among women of Pakistani and Bangladeshi descent in the UK and for those of Turkish origin in France and also Belgium. Interestingly, first-birth levels are also higher among the descendants of Turkish immigrants in Germany and Switzerland than those of natives, but they are not particularly high in comparison with similar groups in other European countries. In Sweden, women of Turkish descent exhibit first-birth levels similar to those of natives. The Russian-speaking population in Estonia has relatively high first-birth risks, which are related to specific patterns in Eastern Europe in general, namely, early and universal childbearing. Interestingly, a significant contrast between Russian-speaking immigrants and native Estonians only emerges in the 'second generation'.

(Table 3 about here) (Figure 1a about here) (Figure 1b about here)

Model 2 controls for the women's educational level. The differences in first-birth levels between natives, immigrants and the descendants of immigrants decline but remain significant. Briefly, high fertility among some ethnic minority women is only slightly explained by their lower educational levels. The effects of all of the control variables are as expected. First-birth rates are the highest the second half of the twenties (early childbearing) or the first half of the thirties (late childbearing), they are higher among older than younger cohorts and they decline with increases in the women's level of education.

#### 6.2. Second birth

Women who had a first child form the risk population for the study of second births. (The analysis uses data from seven countries because data for the transition to second births was too small for Switzerland.) The first model controls only for the time since first birth as the baseline and birth cohort. Again, 'native' women in France and Belgium exhibit similar second-birth risks, with higher levels for 'native' British and Swedish women (Table 4 and Figure 2). Women in Germany, Spain and Estonia have relatively low second-birth levels. The observed patterns are consistent with the variation in second childbearing across European countries reported in previous studies (Goldstein & Kreyenfeld, 2011; Klesment, Puur, Rahnu, & Sakkeus, 2014; Van Bavel & Różańska-Putek, 2010). Immigrants from Pakistan and Bangladesh in the UK, those from Turkey in France and those from Turkey and Morocco in Belgium have significantly higher second-birth rates than most of the other groups in the respective countries, suggesting that the majority of women who become mothers have a second child. Again, the patterns vary among the *descendants* of immigrants. The descendants of immigrants from Pakistan and Bangladesh exhibit high second-birth levels, similar to their parents (or even higher), whereas second-birth rates are somewhat lower among women of Turkish origin in France and Belgium. The descendants of Turkish immigrants in Germany and Sweden show second-birth risks that are similar to those of natives, while children of immigrants from the Maghreb region in Spain have somewhat higher fertility levels than natives.

The analysis also shows that a number of the 'second-generation' groups have low secondbirth levels: Caribbeans in the UK, Italians in Belgium, Latin Americans in Spain and the Russian-speaking population in Estonia. Several 'second-generation' groups of European descent (South Europeans in France, Italians in Belgium, Russian-speakers in Estonia) exhibit lower second-birth rates than their counterparts in the 'first generation', and hence, an increased difference from the native population in the respective countries. Model 2 additionally controls for the women's age at first birth and their educational level. Interestingly, for some groups, the fertility differences relative to 'native' British women slightly decline, while for others they slightly increase, although the changes are not large. Further analysis showed that some unexpected changes are related to the inclusion of education in the analysis. Second-birth rates are the highest (rather than the lowest) among highly educated women showing shorter birth intervals (rather than higher parity progression levels) among the majority population of the respective countries.

(Table 4 about here)(Figure 2 about here)

#### 6.3. Third birth

Information on third births was available for five countries (i.e. samples were large enough for all minority groups): the UK, France, Belgium, Sweden and Estonia. The analysis shows that third-birth levels are relatively similar for natives in the UK, France and Belgium; the levels are somewhat lower for Sweden and Estonia (Table 5 and Figure 3). A number of immigrant groups exhibit very high third-birth risks: women from Pakistan and Bangladesh in the UK, immigrants from Turkey, North and Sub-Saharan Africa in France and those from Turkey and Morocco in Belgium. Fertility rates are also relatively high among immigrants from other non-European countries: Indians and Caribbeans in the UK. Interestingly, most descendants of immigrants also show relatively high levels. Third-birth rates are high among women of Pakistani and Bangladeshi descent in the UK and also among those of Indian and Caribbean origin. Similarly, elevated third-birth rates are observed among the *descendants* of immigrants from both African regions in France and Morocco in Belgium and those of

Turkish descent in both countries. In contrast, third-birth rates are low for Southern Europeans in France and Belgium and for Russian-speaking women in Estonia. In Sweden, most ethnic minorities have fertility levels similar to natives, except those of Turkish origin who exhibit somewhat higher third-birth rates. Model 2 additionally controls for the women's educational level and age at first birth. The fertility differences between ethnic groups slightly decline, but the main differences persist. The effects of the covariates are largely as expected. Third-birth rates are highest one to three years after the birth of the second child, and they are higher for the oldest cohorts. The rates also decline with increases in the women's age at first birth; the rates are higher among women with the lowest educational levels.

(Table 5 about here) (Figure 3 about here)

### 7. Summary and discussion

This study investigated fertility among the descendants of immigrants in selected European countries, with a focus on ethnic minority women whose parents arrived in Europe from high-fertility countries. The main results are as follows. First, many of the descendants of immigrants exhibited first-birth levels that were similar to the native population in their respective countries; however, first-birth levels were slightly higher among women of Pakistani and Bangladeshi origin in the UK and for those of Turkish descent in France and Belgium, which mostly suggests earlier childbearing among these ethnic groups. Second, transition rates to a second child varied less across the descendants of immigrants; only women of Pakistani and Bangladeshi ethnic origin in the UK exhibited elevated second-birth levels. Third, most ethnic minority women in the UK, France and Belgium showed significantly higher third-birth levels than natives in those countries. Fourth, the inclusion of the women's education in the analysis slightly changed the results, but the main differences across the ethnic groups persisted. Finally, fertility variation across ethnic groups was the largest in France, the UK and Belgium and the smallest in Sweden.

The following groups of the descendants of immigrants can be distinguished based on their fertility patterns. Women of Pakistani and Bangladeshi origin in the UK showed consistently high fertility levels; their first-birth rates were somewhat higher than those of native women in the UK; their second- and third-birth levels were significantly higher. Similarly, women of

Turkish descent in France and Belgium exhibited slightly higher first-birth rates; their second- and third-birth levels were somewhat lower, although still higher than those among the respective natives in each country. Indians in the UK and those of North African origin in France had first- and second-birth rates that were similar to natives, but significantly higher third-birth levels. Finally, Caribbeans in the UK and (also) Sub-Saharan Africans in France had first-birth levels that were similar to natives, lower second-birth rates and relatively high third-birth levels, suggesting a polarisation among women of these groups by fertility behaviour.

The analysis supported the idea that both the mainstream society and the minority subculture have shaped the childbearing patterns of the descendants of immigrants in Europe. Overall, the descendants of immigrants from high-fertility countries had lower parity-specific fertility than their parents' generation. Furthermore, in Sweden and Germany, the second generation exhibited fertility levels that were very similar to or even lower than those of natives. However, we also observed relatively high first-birth rates for some and high third-birth rates for many ethnic minority women, which suggest that factors specific to ethnic minorities have also shaped fertility patterns. What are the factors that explain the higher fertility rates for some ethnic minority women? We expected that education would explain a larger share of the high fertility among ethnic minority women. However, this was not the case. The inclusion of women's educational level in the models slightly reduced the fertility differences between ethnic groups, but the main differences persisted. It is possible that factors directly related to employment played a key role; however, previous research suggests that the inclusion of employment status in the models would not change the patterns significantly (Bernhardt, 1993; Hamel & Pailhé, 2015). A number of cultural factors may (further) explain fertility variations across ethnic group and the high fertility levels among some ethnic minority women. Further research shows that ethnic minority women with high fertility levels come from large families and are more religious than natives (Kulu et al., 2015). Previous research supports that individuals who come from larger families are more likely to have larger families themselves, and those who are more religious have higher fertility levels, particularly third-birth rates (Michael & Tuma, 1985; Philipov & Berghammer, 2007).

Our analysis also supported the idea that the *country context* matters both in shaping overall fertility levels and differences across population subgroups. The analysis showed that first-birth rates were relatively low for all ethnic minority groups in Germany, Switzerland and

Spain, suggesting later family formation and/or a lower likelihood of becoming a mother in those countries, which is a well-known finding from previous studies. In contrast, all of the population subgroups in Estonia exhibited early and universal first births, as expected, whereas second- and third-birth levels were relatively low. Those examples underline the importance of country context and illustrate that immigrant fertility behaviour can be influenced strongly by the mainstream society and local fertility patterns. Fertility variation across ethnic groups was the smallest in Sweden and the largest in France, the UK and Belgium. The former finding is not surprising; research has shown that the generous and universal Nordic welfare system has an equalising effect on all population subgroups; furthermore, ethnic minorities are relatively well integrated into education and the labour market in those countries, and residential segregation levels are relatively low (Bevelander, 2004). Welfare state policies have likely reduced differences across population subgroups in the UK and France; however, the size of the main minority groups is large in those countries and residential and school segregation is high, particularly in the UK (Musterd, 2005; Pan Ke Shon & Verdugo, 2015). These factors certainly promote the existence of minority subcultures in those countries and reinforce specific family patterns, e.g., through high levels of ethnic intermarriages. Examples for this are Turkish immigrants and their descendants in France and Belgium and South Asians in the UK.

We conducted a series of analyses to determine how sensitive the results of a comparative study of eight countries are to different sample selections and model specifications. We applied different weights to countries, simultaneously used a set of different countries, fitted models with and without immigrants, used natives from different countries as a reference group and explored the shape of the baseline risk (the woman's age or time since previous birth) for population subgroups. Overall, the results on second- and third-birth rates were robust to different sample selections and model specifications. However, there was some variation across first-birth models for some ethnic groups. The estimated first-birth rates for women of Pakistani and Bangladeshi descent in the UK and those of Turkish origin in France and Belgium varied across models. For example, the first-birth levels for the descendants of Pakistani and Bangladeshi immigrants were only slightly higher than those of British native women when we only used the sample of the British and French women; the differences increased when we included all other countries in the analysis.

The reason for such a variation is that the timing of family formation seems to significantly vary across countries and ethnic groups (which is an interesting finding per se), and it is therefore not easy to find a common baseline (i.e. the shape of the age-specific first-birth rates) for all groups and countries. An obvious solution would be to allow different baselines for different groups or to estimate separate models for different age groups (e.g., 15-29 versus 30-44). However, our further analysis showed that these strategies may not work well either. The second generation mostly comes from younger cohorts, and there are only a few among them who have reached older (childbearing) ages; this figure also varies across groups. To address the issue of timing of family formation, we decided to fit first-birth models separately for two groups of countries, those with earlier family formation and those with later. Our sensitivity analysis therefore suggests that the results of the first birth and particularly the elevated fertility levels for some groups should be interpreted with some caution. However, the estimated second- and third-birth rates are robust to different sample selections and model specifications.

Another issue is related to immigrant fertility. Recent research shows that that tempo and quantum bias is ingredient in the comparison of period fertility of immigrants and native population (Parrado, 2011; Persson & Hoem, 2014; Robards & Berrington, 2015). Due to the tendency to have a child shortly after arrival in the country for the migrant population, period measures of fertility often overestimate migrant total fertility. Because this study uses full fertility histories and controls for age and birth cohort, such bias should be reduced to a minimum, although the use of pre-migration fertility for immigrants can be challenged from the methodological point of view (Hoem, 2014). The only way to avoid the tempo distortion would thus be to analyse completed fertility for immigrants and their descendants, for which many of the analysed migrants groups in this study are still too young.

This is the first study to investigate parity-specific fertility rates among the descendants of immigrants in Europe from a comparative perspective. Our analysis showed that fertility levels are lower among the descendants of immigrants than immigrants, often similar to those of the respective native population, but they, particularly third-birth rates still remain relatively high among certain ethnic minority groups. Overall, fertility levels of the descendants of immigrants from high-fertility countries are in-between those of immigrants and the native population. However, the results of this study also refer to some polarisation among the descendants of immigrants from high-fertility countries. There is a significant

minority who have their first child as late as native women or even remain childless, while the majority have relatively large families, three or four children similarly to their parents. Such polarisation also characterises groups with lower fertility levels, e.g. descendants of Indians and Caribbeans in the UK or North and Sub-Saharan Africans in France. Some of them have small, some large families. Educational differences explain some fertility variation across population subgroups, but significant variation persist; further analysis showed that factors related to family of origin (e.g. number of siblings, religiosity) correlate with the presence of large families among some ethnic minority groups. Intra-group marriages also dominate among high-fertility populations, although the direction of causality between marital patterns and fertility is not clear.

Fertility levels of the descendants of immigrants from high-fertility countries are likely to further decline in the 'third generation' due to the changes in their families of origin (e.g. fewer come from large families and the strength of their religiosity is expected to decline). This could be considered as a sign of intergenerational assimilation of fertility (Coleman & Dubuc, 2010), which for some minority groups in Europe will take place slower than perhaps expected. However, we will simultaneously expect to see increasing heterogeneity among ethnic minority populations. There will be a significant number of those who exhibit childbearing patterns similar to those of the majority population, but, most importantly, there will be still a significant group of those with large families, with three to four children. European societies should see large ethnic minority families as an asset for low-fertility societies and ensure that that children from such families will have the same educational and employment opportunities as those from the 'average', one or two-child families.

### References

- Adsera, A. (2011). Where are the babies? Labor market conditions and fertility in Europe. *European Journal of Population*, 27(1), 1-32. doi: 10.1007/s10680-010-9222-x
- Adsera, A., & Chiswick, B. R. (2007). Are there gender and country of origin differences in immigrant labor market outcomes across European destinations? *Journal of Population Economics*, 20(3), 495-526. doi: 10.1007/s00148-006-0082-y
- Andersson, G. (2004). Childbearing after migration: Fertility patterns of foreign-born women in Sweden. *International Migration Review*, *38*(2), 747-774.
- Andersson, G., & Persson, L. (2015). Childbearing among the descendants of immigrants in Sweden FamiliesAndSocieties Working Paper Series: Changing families and sustainable societies: Policy contexts and diversity over the life course and across generations (Vol. 39, pp. 42-66).
- Andersson, G., & Scott, K. (2005). Labour-market status and first-time parenthood: The experience of immigrant women in Sweden, 1981-97. *Population Studies*, 59(1), 21-38. doi: 10.1080/0032472052000332683
- Arango, J. (2000). Becoming a country of immigration at the end of the twentieth century: The case of Spain. In R. King, G. Lazaridis & C. Tsardanidis (Eds.), *Eldorado or Fortress? Migration in Southern Europe*. New York: St. Marin's Press.
- Arbaci, S. (2008). (Re)viewing ethnic residential segregation in Southern European cities: Housing and urban regimes as mechanisms of marginalisation. *Housing Studies*, 23(4), 589-613. doi: 10.1080/02673030802117050
- Bauböck, R. (2003). Towards a political theory of migrant transnationalism. *International Migration Review*, *37*(3), 700-723.
- Bean, F. D., & Tienda, M. (1987). *The Hispanic population of the United States*. New York: Russell Sage Foundation.
- Bernhardt, E. M. (1993). Fertility and employment. *European Sociological Review*, 9(1), 25-42.
- Berry, J. W. (1992). Acculturation and adaptation in a new society. *International Migration*, 30, 69-85. doi: 10.1111/j.1468-2435.1992.tb00776.x
- Bevelander, P. (2004). Immigration patterns, economic integration and residential segregation Sweden in the late 20th century. *Current Themes in IMER Research*(2).
- Billari, F., & Kohler, H.-P. (2004). Patterns of low and lowest-low fertility in Europe. *Population Studies*, *58*(2), 161-176. doi: 10.1080/0032472042000213695
- Castles, S., & Miller, M. J. (2009). *The age of migration: International population movements in the modern world* (Vol. Fourth Edition). New York: Guilford Press.
- Chiswick, B. R. (1999). Are Immigrants Favorably Self-Selected? *The American Economic Review*, 89(2), 181-185.
- Cho, L.-J., Retherford, R. D., & Choe, M. K. (1986). The Own-Children Method of Fertility Estimation. *Honolulu, HI: East-West Center*.
- Coleman, D. A. (1994). Trends in fertility and intermarriage among immigrant populations in Western-Europe as measure of integration. *Journal of Biosocial Science*, *26*(1), 107-136.
- Coleman, D. A., & Dubuc, S. (2010). The fertility of ethnic minorities in the UK, 1960s-2006. *Population Studies*, 64(1), 19-41. doi: 10.1080/00324720903391201
- Cornelius, W. (1994). Spain: The uneasy transition from labor exporter to labor importer. In W. A. Cornelius, P. L. Martin & J. F. Hollifield (Eds.), *Controlling Immigration: A Global Perspective*. Stanford, California Stanford University Press.
- Esping-Andersen, G. (1990). The three worlds of welfare capitalism. Cambridge: Polity.

- Esping-Andersen, G., & Billari, F. C. (2015). Re-theorizing Family Demographics. *Population and Development Review*, 41(1), 1-31. doi: 10.1111/j.1728-4457.2015.00024.x
- Fassmann, H., & Münz, R. (1994). European migration in the late twentieth century. Historical patterns, actual trends, and social implications. Laxenburg, Austria: International Institute for Applied Systems Analysis.
- Fernández, R., & Fogli, A. (2006). Fertility: The role of cultural and family experience. Journal of the European Economic Association, 4(2-3), 552-561. doi: 10.1162/jeea.2006.4.2-3.552
- Frejka, T. (1996). International migration in Central and Eastern Europe and the Commonwealth of Independent States. Geneva and New York: United Nations.
- Garssen, J., & Nicolaas, H. (2008). Fertility of Turkish and Moroccan women in the Netherlands: Adjustment to native level within one generation. *Demographic Research*, 19(33), 1249-1280.
- Goldstein, J. R., Sobotka, T., & Jasilioniene, A. 2009. The end of "lowest-low" fertility?, *Population and Development Review*, *35*(4), 663-699.
- Goldstein, J. R., & Kreyenfeld, M. 2011. Has East Germany overtaken West Germany? Recent trends in order-specific fertility, *Population and Development Review*, *37*(3), 453-472.
- González-Ferrer, A., Castro-Martín, T., & Kraus, E. (2015). Childbearing among women of immigrant and non-immigrant origin in Spain *FamiliesAndSocieties Working Paper Series: Changing families and sustainable societies: Policy contexts and diversity over the life course and across generations* (Vol. 39, pp. 128-149).
- González-Ferrer, A., Hannemann, T., & Castro-Martín, T. (2016). Partnership formation and dissolution among immigrants in the Spanish context. *Demographic Research*, *35*(1), 1-30.
- Hamel, C., & Pailhé, A. (2015). Avoir des enfants en contexte migratoire. In C. Beauchemin, C. Hamel & P. Simon (Eds.), *Enquête Trajectoires et origines*. Paris: Collection Grandes enquête, INED, forthcoming.
- Hampshire, K., Blell, M., & Simpson, B. (2012). Navigating new socio-demographic landscapes: Using anthropological demography to understand the 'Persistence' of high and early fertility among British Pakistanis. *European Journal of Population*, 28(1), 39-63. doi: 10.1007/s10680-011-9252-z
- Hennink, M., Diamond, I., & Cooper, P. (1999). Young Asian women and relationships: traditional or transitional? *Ethnic and Racial Studies*, 22(5), 867-891. doi: 10.1080/014198799329297
- Hoem, J. M. (1987). Statistical Analysis of a Multiplicative Model and Its Application to the Standardization of Vital Rates: A Review. *International Statistical Review / Revue Internationale de Statistique*, *55*(2), 119-152. doi: 10.2307/1403190
- Hoem, J. M. (1993). *Classical Demographic Methods of Analysis and Modern Event-History Techniques.* Paper presented at the IUSSP: 22nd International Population Conference, Montreal, Canada.
- Hoem, J. M. (1993). Public policy as the fuel of fertility: Effects of a policy reform on the pace of childbearing in Sweden in the 1980s. *Acta Sociologica*, 36(1), 19-31. doi: 10.1177/000169939303600102
- Hoem, J. M. (2014). The dangers of conditioning on the time of occurrence of one demographic process in the analysis of another. *Population Studies - A Journal of Demography*, 68(2), 151-159. doi: 10.1080/00324728.2013.843019

- Hoem, J. M., Keiding, N., Hannu, K., Natvig, B., Barndorff-Nielsen, O., & Hilden, J. (1976). The Statistical Theory of Demographic Rates: A Review of Current Developments. *Scandinavian Journal of Statistics*, 3(4), 169-185.
- Klesment, M., Puur, A., Rahnu, L., & Sakkeus, L. (2014). Varying association between education and second births in Europe: Comparative analysis based on the EU-SILC data. *Demographic Research*, *31*(27), 813-860. doi: 10.4054/DemRes.2014.31.27
- Kohler, H.-P., Billari, F. C., & Ortega, J. A. (2002). The Emergence of Lowest-Low Fertility in Europe During the 1990s. *Population and Development Review*, 28(4), 641-680. doi: 10.1111/j.1728-4457.2002.00641.x
- Krapf, S., & Wolf, K. (2015). Persisting Differences or Adaptation to German Fertility Patterns? First and Second Birth Behavior of the 1.5 and Second Generation Turkish Migrants in Germany. [journal article]. Kölner Zeitschrift für Soziologie und Sozialpsychologie, 67(1), 137-164. doi: 10.1007/s11577-015-0331-8
- Kulu, H., & González-Ferrer, A. (2014). Family dynamics among immigrants and their descendants in Europe: Current research and opportunities. *European Journal of Population*, 30(4), 411-435. doi: 10.1007/s10680-014-9322-0
- Kulu, H., & Hannemann, T. (2015). Why does fertility remain high among certain UK-born ethnic minority women? FamiliesAndSocieties Working Paper Series: Changing families and sustainable societies: Policy contexts and diversity over the life course and across generations (Vol. 39, pp. 67-97).
- Kulu, H., Hannemann, T., Pailhé, A., Rahnu, L., Puur, A., Krapf, S., . . . Persson, L. (2015). Report on Country-specific case studies on fertility among the descendants of immigrants. *FamiliesAndSocieties Working Paper Series: Changing families and sustainable societies: Policy contexts and diversity over the life course and across generations*, 39, 171.
- Kulu, H., & Milewski, N. (2007). Family change and migration in the life course: An introduction. *Demographic Research*, 17(19), 567-590. doi: 10.4054/DemRes.2007.17.19
- Luci-Greulich, A., & Thevenon, O. (2013). The impact of family policies on fertility trends in developed countries. *European Journal of Population*, 29(4), 387-416. doi: 10.1007/s10680-013-9295-4
- McDonald, P. (2000). Gender Equity in Theories of Fertility Transition. *Population and Development Review*, 26(3), 427-439. doi: 10.1111/j.1728-4457.2000.00427.x
- McDonald, P. (2006). Low fertility and the state: The efficacy of policy. *Population and Development Review*, *32*(3), 485-510. doi: 10.1111/j.1728-4457.2006.00134.x
- Michael, R. T., & Tuma, N. B. (1985). Entry into marriage and parenthood by young men and women: The influence of family background. *Demography*, 22(4), 515-544. doi: 10.2307/2061586
- Milewski, N. (2010a). *Fertility of immigrants: a two-generational approach in Germany* (Vol. (6) XXI): Demographic Research Monographs.
- Milewski, N. (2010b). Immigrant fertility in West Germany: Is there a socialization effect in transitions to second and third births? *European Journal of Population*, *26*(3), 297-323. doi: 10.1007/s10680-010-9211-0
- Milewski, N. (2011). Transition to a first birth among Turkish second-generation migrants in Western Europe. Advances in Life Course Research, 16(4), 178-189. doi: 10.1016/j.alcr.2011.09.002
- Mussino, E., & Strozza, S. (2012). The fertility of immigrants after arrival: The Italian case. *Demographic Research*, 26(4), 97-130.
- Musterd, S. (2005). Social and ethnic segregation in Europe: Levels, causes and effects. *Journal of Urban Affairs*, 27(3), 331-348. doi: 10.1111/j.0735-2166.2005.00239.x

- Nauck, B. (2007). Value of Children and the Framing of Fertility: Results from a Crosscultural Comparative Survey in 10 Societies. *European Sociological Review*, 23(5), 615-629. doi: 10.1093/esr/jcm028
- Nauck, B., & Klaus, D. (2007). The Varying Value of Children: Empirical Results from Eleven Societies in Asia, Africa and Europe. *Current Sociology*, 55(4), 487-503. doi: 10.1177/0011392107077634
- Neyer, G., & Andersson, G. (2008). Consequences of family policies on childbearing behavior: Effects or artifacts? *Population and Development Review*, *34*(4), 699-724. doi: 10.1111/j.1728-4457.2008.00246.x
- OECD. (2014). International migration outlook 2014: OECD Publishing.
- Pailhé, A. (2015). The timing of childbearing among the descendants of immigrants in France FamiliesAndSocieties Working Paper Series: Changing families and sustainable societies: Policy contexts and diversity over the life course and across generations (Vol. 39, pp. 98-127).
- Pan Ke Shon, J.-L., & Verdugo, G. (2015). Forty years of immigrant segregation in France, 1968-2007. How different is the new immigration? *Urban Studies*, 52(5), 823-840. doi: 10.1177/0042098014529343
- Parrado, E. A. (2011). How High is Hispanic/Mexican Fertility in the United States? Immigration and Tempo Considerations. [journal article]. *Demography*, 48(3), 1059-1080. doi: 10.1007/s13524-011-0045-0
- Penn, R., & Lambert, P. (2002). Attitudes towards ideal family size of different ethnic/nationality groups in Great Britain, France and Germany. *Population Trends*(108), 49-58.
- Persson, L., & Hoem, J. M. (2014). Immigrant fertility in Sweden, 2000-2011: A descriptive note. *Demographic Research*, *30*(30), 887-898.
- Philipov, D., & Berghammer, C. (2007). Religion and fertility ideals, intentions and behaviour: a comparative study of European countries. *Vienna Yearbook of Population Research*, *5*, 271-305.
- Preston, D. L. (2005). Poisson regression in epidemiology. In P. Armitage & T. Colton (Eds.), *Encyclopedia of biostatistics* (Vol. 6, pp. 4124-4127). New York: Wiley.
- Rahnu, L., Puur, A., Sakkeus, L., & Klesment, M. (2015). Partnership dynamics among migrants and their descendants in Estonia. *Demographic Research*, 32(56), 1519-1566.
- Raymer, J., de Beer, J., & van der Erf, R. (2011). Putting the pieces of the puzzle together: Age and sex-specific estimates of migration amongst countries in the EU/EFTA, 2002-2007. European Journal of Population, 27(2), 185-215. doi: 10.1007/s10680-011-9230-5
- Rees, P., van der Gaag, N., de Beer, J., & Heins, F. (2012). European regional populations: Current trends, future pathways, and policy options. *European Journal of Population*, 28(4), 385-416. doi: 10.1007/s10680-012-9268-z
- Reher, D. (1998). Family ties in Western Europe: Persistent contrasts. *population and Development Review*, 24(2), 203-234.
- Rendall, M. S., Tsang, F., Rubin, J. K., Rabinovich, L., & Janta, B. (2010). Contrasting trajectories of labor-market integration between migrant women in Western and Southern Europe. *European Journal of Population*, 26(4), 383-410. doi: 10.1007/s10680-010-9214-x
- Robards, J., & Berrington, A. (2015). The fertility of recent migrants to England and Wales: interrelationships between migration and birth timing *ESRC Centre for Population Change* (Vol. Working Paper 65).

- Robson, K., & Berthoud, R. (2006). Age at first birth and disadvantage among ethnic groups in Britain. *Ethnic and Racial Studies*, 29(1), 153-172. doi: 10.1080/01419870500352702
- Salway, S. M. (2007). Economic activity among UK Bangladeshi and Pakistani women in the 1990s: Evidence for continuity or change in the family resources survey. *Journal of Ethnic and Migration Studies*, *33*(5), 825-847. doi: 10.1080/13691830701359256
- Scott, K., & Stanfors, M. (2011). The transition to parenthood among the second generation: Evidence from Sweden, 1990-2005. Advances in Life Course Research, 16(4), 190-204. doi: 10.1016/j.alcr.2011.09.003
- Seifert, W. (1997). Admission policy, patterns of migration and integration: The German and French case compared. *New Community*, *23*(4), 441-460.
- Sobotka, T. (2008). The rising importance of migrants for childbearing in Europe. *Demographic Research*, *S7*(9), 225-248.
- Toulemon, L., Pailhé, A., & Rossier, C. (2008). France: High and stable fertility. *Demographic Research*, 19, 503-555.
- Tromans, N., Natamba, E., & Jefferie, J. (2009). Have women born outside the U.K. driven the rise in U.K. births since 2001? *Population Trends*(136), 28-42.
- Van Bavel, J., & Różańska-Putek, J. (2010). Second birth rates across Europe: interactions between women's level of education and child care enrolment *Vienna Yearbook of Population Research* (Vol. Vol. 8, Education and demography, pp. 107-138): Austrian Academy of Sciences Press.
- Zimmermann, K. F. (2005). *European migration: What do we know?* Oxford and New York: Oxford University Press.

## **Tables and Graphs**

Country	Number of women
United Kingdom	18636
France	21720
Germany	24114
Belgium	42170
Switzerland	7114
Sweden	36243
Spain	12024
Estonia	7233
Total	169254

Table 1: Number of women by country

NetworkPerson- roundsPerson- roun			Conception	n leading to	first birth	Conception	leading to se	cond birth	Conception	leading to	third birth
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20 Europie Wenki         177         378         12026         341         422         3.1.2.9         1.1.9         120           25 India         420         328         1.4.2.8         1.2.2.9         1.2.3         1.2.3         1.2.3         1.2.3         1.3.3         1.3.9         1.3.0         1.2.0         1.3.0         1.3.0         1.3.0         1.2.0         1.3.0         1.3.0         1.2.0         1.3.0         1.3.0         1.2.0         1.3.0         1.2.0         1.3.0         1.2.0         1.3.0         1.2.0         1.3.0         1.2.0         1.3.0         1.2.0         1.3.0         <	Kingdom	1G Europe & West	699 CEE	44Z	116264	417	312	20418	289	95 107	20552
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240 intula         3.20         3.20         7.20         642         5.33         6.133         5.13         5.31         3.80         2.75           2G Pakistan & Bangladesh         366         20.28         36579         106         107         4973         1.13         1.55         5.32         7.6678           2G Carribean         2.73         2.05         38194         1.99         1.31         1.5555         2.768         6.68         9.93         3.62         1.66         1.937         4.9353         2.106         6.67         2.2167           France         Native         3400         2.775         5.0147         2.514         18.20         1.871.15         1.928         4.000         1.218         1.939         6.21         1.939         6.21         1.939         6.21         1.939         6.21         1.939         6.21         1.939         6.21         1.939         6.21         1.939         6.21         1.939         6.21         1.939         6.21         1.939         6.21         1.939         6.21         1.939         6.21         1.939         6.21         7.238         7.22         7.24         7.26         7.14         7.150         7.23         7.22         <		10 IIIUId 20 India	447	202	29012	331 100	200	14296	245	108	20451
Lis Farksiant & Banggutesin         733         002         7.4700         0642         533         1.113         300         2.5764           IG Carribean         100         137         19459         136         101         10088         99         48         9837           IG Carribean         273         206         33149         139         131         1555         126         68         9333           IG May         4800         2477         5519480         13865         10535         65009         102         104         12246           IG May         3400         2475         5313         300.00         1224         1234         1305         9717         1266         1400         12246           IG May         163         01988         446139         1582         1306         9717         1266         313         522         4838           IG Turkey         1195         1063         112212         1036         894         30365         6077         1318         1274         8432         226         1318         1274         45184         2202         23111         110         53         7128         247         34423         236		20 IIIUId 10 Dalvietas 8 Danaladash	320	208	44260	199	103	21102	159	200	22764
Lab         Addition         300         2.00         1.00         1.40         6.47         00008           IG         Carnibean         2.73         2.05         38194         1.99         1.31         1.5555         1.02         6.88         3933           France         Native         3.00         2.475         5.014.27         2.514         1.820         1.871.15         3.00         1.00         1.224.28         1.00         1.121.24         1.00         1.124.24         1.124.24         1.124.24         1.124.24         1.124.24		16 Pakistan & Bangladesh	733	200	72760	64Z	553	21183	531	380	23764
Inductinius and the second s		10 Pakistan & bangiduesn	300	208	303/9	190	101	40/3	147	6/ 40	0000
Ab Carringen         223         2.00         381.24         1.03         1.13		1G Carribean	100	137	19459	130	101	10068	120	48	8937
Indu         Jakes         JJ/7         SJ340         JBS00         JBS00         JBS01         JBS01         JBC03         VE23         JBS01           France         JAG Maghreb         3400         2679         466312         2667         2139         114953         2166         1400         1212           LG Maghreb         3400         1988         461319         1582         97474         1321         817         7032           LG Sub-Saharan Africa         673         264         73277         200         134         10525         133         52         4838           LG Sub-Saharan Africa         673         2264         73277         206         134         10525         133         52         4838           LG Southern Europe         3400         2490         506422         2476         1682         19069         1666         451         22788           Cotal         70tal         2170         1596         200         136         77928         11115         5458         13107           Germany         Native         2293         9006         246774         2169         1236         1379         4161         22788           Ca Turk		ZG Carribean	2/3	206	38194	199	131	15555	126	08	9393
Prantee         Native         3400         24/3         50/427         214         1200         18/11         17/83         0.10         21/24           16         Maghreh         3400         2679         46552         2265         213         114953         2106         541         79274         1321         817         70328           26         Sub-Sharan Africa         673         264         7237         260         134         15025         133         552         4833           26         Sub-Sharan Africa         673         264         7237         260         134         15026         880         6007         45198           26         Suthern Europe         3400         2904         461349         2808         2020         234113         2174         837         749423           26         Suthern Europe         3400         2430         506422         2475         1682         1308         1666         451         223788           6         Total         21720         15946         249714         2526         209         129         11419           7         Total         21797         8341         1605         1338	F	Native	2400	142//	2019460	2544	10322	107115	1700	4528	220127
16 Waghreb         34.00         1.009         480532         2.007         2.133         1.1439         2.100         1.1739           26 Sub-Saharan Africa         2369         1.1873         301600         11221         1332         97717         1226         581         79922           16 Sub-Saharan Africa         673         264         72377         2260         134         10525         133         52         4838           16 Turkey         482         200         48123         2062         162         9111         160         53         7128           26 Southern Europe         3400         2430         50648         1661         97797         1515         5488         112197           26 Turkey         807         599         627678         1506         133         7728         1560         133         11665         5458         113197           26 Turkey         374         109         25553         2009         1323         11737         11315         5488         11327           26 Turkey         3737         1874         77356         5791         363         318255         5934         1193         21737         1102         2897 </td <td>France</td> <td>Native 10 Maghrob</td> <td>3400</td> <td>2475</td> <td>496522</td> <td>2514</td> <td>1820</td> <td>18/115</td> <td>1/89</td> <td>67U 1400</td> <td>121246</td>	France	Native 10 Maghrob	3400	2475	496522	2514	1820	18/115	1/89	67U 1400	121246
Ab Magnreb         3400         1988         40.819         1998         1905         1907         1908         1928         1322         9777         1210         811         79328           26 Sub-Saharan Africa         673         264         72377         260         134         10525         133         52         4838           26 Sub-Saharan Africa         270         48023         262         162         9111         160         53         7128           26 Southern Europe         3400         2204         48023         262         162         91113         216         8277         349423           26 Southern Europe         3400         2240         450642         12169         12263         1141857         11515         5458         131078           Germany         Native         22378         509         62768         1650         1336         77793         1515         5458         131078           Germany         Native         12797         8341         157589         8350         5696         31225         3594         1737         411661           26 taiky         7317         1674         72558         24091         3566         31225		IG Magnreb	3400	2679	480532	2007	2139	114953	2106	1400	121246
16 Sub-Saharan Artica         2639         12/3         30100         1262         133         521         41/1         7438           16 Turkey         1196         1063         11212         1036         884         36525         838         607         4518           16 Turkey         442         270         48023         262         1162         9111         100         53         7228           16 Southern Europe         3400         2904         451849         2868         2202         234113         2174         827         3942323           26 southern Europe         3400         2904         451849         12869         11611         97798         11515         548         1131078           Germany         Native         2233         9006         2467174         22169         1226         1141857         1151         5458         1131078           Germany         Native         22314         157588         8280         5695         50794         1737         411661           16 tarky         5385         4523         4581         157578         8263         5695         102         120879           16 tarky         73138         77276		2G Magnreb	3400	1988	461819	1958	1306	97717	1286	581	79992
Ab Sub-shifter         1073         200         7237         200         133         133         52         133         52         783           Is Turkey         165         12912         1036         884         36225         880         607         7539           25 Outhern Europe         3400         2944         506422         2476         1682         190698         11661         573         7273           76tal         21720         15946         2942961         15869         11691         977971         1151         5458         1131078           Germany         Native         233         900         26467174         22169         1223         11748         7778         151         5458         131078           Germany         Native         2377         8374         109         23535         2800         1237         11749         777         731         5696         2104         65549           Io traky         5385         4558         62354         4591         3568         318255         3594         1137         411661           26 traky         7317         1874         77358         777         753         67314         300		16 Sub-Sanaran Africa	2369	18/3	301600	1828	1352	9/4/4	1321	817	/0328
Ibi turkey         Ibbs		2G SUD-Saliaran Alfica	1100	204	112012	200	154	10525	155	52	4030
Lo tukey         442         2/10         4023         202         1311         100         53         112           1         25 outhem Europe         3400         2304         556422         2476         1682         190988         1566         451         223788           26 Southem Europe         3400         2430         556422         2476         1682         190988         1566         451         223788           Germany         Native         2233         9006         2467174         22169         12263         1141857         558         131078           Contracy         807         599         62768         1650         1335         77928         55793         157938         1311         100         625549           Contracy         307         7312         11578         8435         5593         59794         5696         2104         625549           16 taly         7317         1874         77358         777         763         67314         3702         12071         4075         2178         142971           26 taly         7317         1874         73586         71879         3421         13797         14165         127833		1G Turkey	1190	1003	112912	1036	894	30205	880	607 F2	45198
Lo Southern Europe         3400         2304         934943         2006         2247         1622         139643         114         627         349423           Total         2170         15946         2942861         15869         11691         977971         11515         5458         1131078           Germany         Native         2203         9006         246717         22169         112483         177928         1231534         1418577         11515         5458         1131078           Germany         Native         2277         1374         125532         2009         129         11749         25559         2009         129         17749         1231534         119         27833           Belgium         Native         12797         8341         1775889         8350         5633         59794         5966         2104         62549           10 forlay         7317         1874         773568         7777         763         67314         350         119         27833           10 Morocco         6497         42070         3473         340031         49675         3022         20471         4075         2178         1339754           Southern Euro		2G Turkey	462	270	46025	202	201	224112	100	22	240422
120 Soutilerii Europie         3440         2430         500422         2447         1062         13008         131         223 for           Germany         Native         2293         9006         2467174         22169         12263         1141857         1         155         5658         131078           Germany         Native         2293         9006         2467174         22169         1236         1336         77928           Germany         Native         2273         30018         15758         82099         13728         127154           Germany         Native         21797         8314         157588         8305         5693         57934         5506         2104         625549           Belgium         Native         3368         4558         62354         4591         3566         31825         3504         1377         411661           26 Italy         7317         1874         773568         777         763         3022         120471         4075         2178         143971           26 Torkey         2008         518         127767         520         228         14970         228         56         6588           Swit		1G Southern Europe	3400	2904	451849	2808	1692	234113	21/4	827	349423
Iotal         21/20         1580         248/201         1580         11807         11815         968         113107           Germany         Native         2293         900         246714         22169         11263         114185           26 Turkey         807         599         62768         1650         1336         77928           Total         24114         979         1555         280         129         11213         4           Belgium         Native         12797         8341         157588         3586         5355         5359         1737         411661           26 Italy         7317         1874         773568         777         763         67314         350         119         27833           26 Italy         7317         1874         773568         777         763         67314         350         119         27833           26 Italy         7317         1874         773568         777         763         67314         350         120         28         56         6588           26 Italy         7317         1873         340531         4967         3022         120471         4075         2178		2G Southern Europe	3400	2430	506422	24/6	1082	190698	1000	451	223788
Native         2293         9000         249174         21203         112430         1144307           16 Turkey         374         009         25356         280         1236         1348         77928           26 Turkey         374         009         25356         2809         1378         1231534           Belgium         Native         12797         841         1575889         6350         5693         59394         5696         2104         625549           16 Italy         5385         4558         622354         4591         3586         318255         3594         1727         411661           16 Morocco         6497         488         73163         1877         763         3022         120471         4075         2178         14397           26 Morocco         3896         776         290976         3502         120471         4075         2178         14397           26 Morocco         3896         776         290976         3502         120471         4075         2178         14397           26 Torkyoslavia & Turkey         299         813         1277         130         1507         1303738         1775         921	Cormony	Nativo	21/20	15946	2942961	22160	12262	11/1057	11515	5458	11310/8
Isi unkey         607         399         627.68         1030         1335         1742           Total         2011         9714         2555298         22009         13728         1231534           Belgium         Native         12797         8341         1575889         8350         5693         59794         5696         2104         625549           IG Italy         7317         1874         775568         777         763         67314         350         119         2783           IG Morocco         3996         776         290976         3555         349         19968         3051         102         28979           IG Turkey         4200         24373         446270         2262         120471         4075         218         143971           Switzeriand         Native         560         3060         930415         137588         1775         9373         1758         9421         1379584           Switzeriand         Native         563         287         7918         1375         1303         277         7918           Switzeriand         Native         564         777         7918         1333         136         1041	Germany	16 Turkov	22933	5000	240/1/4	1650	12203	1141657			
Total         233         233         233         233         233         233         11/49           Total         2114         9714         25528         2409         13728         123134           Belgium         Native         12797         8341         1575889         8350         5693         59794         5696         2104         625549           IG Italy         5385         4558         622354         4591         3566         318255         3594         119         27833           IG Morocco         6497         4458         731635         1879         4031         164766         764         3125         15903           IG Turkey         4200         3473         340531         4967         3022         120471         4070         228         56         6588           Total         42170         2498         4462720         24639         176         130378         17758         13797         130378         17758         555         349         128         56         5588           Switterland         Native         5620         3066         390415         17758         130378         17758         3037         125         555 <td></td> <td>26 Turkey</td> <td>00/ 274</td> <td>100</td> <td>02/00</td> <td>200</td> <td>1330</td> <td>11740</td> <td></td> <td></td> <td></td>		26 Turkey	00/ 274	100	02/00	200	1330	11740			
Iotal         2419         37.14         253258         2409         15.15.8           Belgium         Native         12797         8341         1575889         8300         5633         597994         5696         2104         625549           2G Italy         7317         1167         411661         3586         318255         3594         1737         411661           2G Italy         7317         1874         773568         777         773         673         67314         350         119         27833           2G Morocco         3896         776         290976         3555         349         19968         3051         102         8979           16 Turkey         4270         2433         4062720         24639         1767         130378         1775         9421         1379584           Switzerland         Native         520         3060         930415         16507. Yugoslavia & Turkey         54         27         7918         1379584         14770         130378         17758         9421         1379584           Switzerland         Native         5670         3638         213825         4921         1170         343099           2G Sout		Zo Turkey	3/4	0714	2000	200	129	1221524			
bergium         Native         12/97         63-14         15/3693         63-30         53/97-94         50-50         2104         622-38-9           26         foltaly         5385         6558         62254         4391         5366         67314         3506         119         22833           16         Morocco         6497         4858         776         29076         3355         349         19968         301         104076         764         3125         155003           26         Morocco         6497         776         29076         3555         349         19968         301         10         83973         2178         143971           26         Morocco         3396         24373         340531         4967         3022         120471         4075         2178         143971           26         Torkey         2008         518         127767         520         228         14970         228         56         6588           Switzerland         Native         5620         3060         930415         7758         9421         1379584         1379584           Switzerland         Native         5620         3052         26797<	Dolgium	Nativo	10707	9714	1575000	24099	15/28	1231334 F07004	5606	2104	625540
Iso Italiy         3333         4338         62/234         4391         3380         1333         41133         41135         41135           IG Morocco         6497         4858         731635         1879         4031         164766         764         3125         155003           26 Morocco         3896         776         290976         3555         349         19968         3051         102         8979           26 Turkey         2008         518         127767         520         228         14970         228         56         6588           Switzerland         Native         5620         3060         93041         14870         228         57         6598           26 For. Yugoslavia & Turkey         54         27         7918         1477         763         3638         213826         4921         1379584           Switzerland         Native         562         3050         30327         25         71280         15         1379         14193         322         15         134399         322         15         134309         322         1353         339         223         56974         1033         1066         7644         1473         <	Beigium	Native 10 Italy	12/9/	8341	15/5889	8350	2093	210255	25090	2104	025549
Abitaly         Abitaly <t< td=""><td></td><td>1G Italy</td><td>5385</td><td>4558</td><td>772569</td><td>4591</td><td>3580</td><td>318255</td><td>3594</td><td>1/3/</td><td>411001</td></t<>		1G Italy	5385	4558	772569	4591	3580	318255	3594	1/3/	411001
Io Motocco         9899         4808         73183         1897         4031         169766         704         3125         15300           2G Morocco         3896         766         290976         3555         349         19086         3051         102         2178         143971           2G Turkey         2008         518         127767         520         228         14970         228         56         6588           Switzerland         Native         5620         3060         990415         1303738         1775         9421         1379584           Switzerland         Native         5620         3060         990415         16767. Yugoslavia & Turkey         99         81         14870         16707.         1303738         1775         9421         1379584           Switzerland         Native         5620         3060         390415         -         -         -         -         -         1379584           Switzerland         Native         5620         3609         3057         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -<			/31/	10/4	773000	1070	/03	0/314	350	2125	2/033
20 M000000         3636         770         29373         3496         13986         3031         10.0         81391           16 Turkey         4270         3473         340531         44967         3202         120471         4075         2178         143971         2078         558           Total         42170         24398         4462720         24639         1767         1303738         1775         9421         1379584           Switzerland         Native         5620         3600         9301         1775         9421         1379584           Switzerland         Native         5620         3600         9303         16         16         16         16         1379584           26 For. Yugoslavia & Turkey         54         27         7918         172         10         3439         14309         172         14309           16 Southern Europe         329         25697         1714         1100         1339327         113532         4921         11170         343099           Sweden         Native         670         3638         213826         4921         1170         343099           26 For. Vugoslavia         2127         1169         222			2806	4858	/31035	18/9	4031	10069	704 2051	3125	155003
Is furkey         42/0         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         34/3         50/2         128         120/1         40/3         1/18         1/19         3/3         3/3         3/3         3/3         1/18 <t< td=""><td></td><td></td><td>3890</td><td>2472</td><td>290976</td><td>3555</td><td>349</td><td>19968</td><td>3051</td><td>2170</td><td>1 4 2 0 7 1</td></t<>			3890	2472	290976	3555	349	19968	3051	2170	1 4 2 0 7 1
Ze furkeyZoosZoosZzs143/0Zzs560C588Total421/02230228175894211379584SwitzerlaniNative5620306093041516177213037381775894211379584SwitzerlaniIG For. Yugoslavia & Turkey998114870147013303711703430992G For. Yugoslavia & Turope339223569741170133027117441201181741170343099SwedenNative6740399370541150773638213826492111703430992G For. Yugoslavia221711692224971798110379947149937211352SwedenNative6740329315017111411665419629253215801SpainIndiv12687205131431046765554196258863216565500SpainIndiv12687205131431047765554196258863216565500SpainIndiv12687205131431047765554196258863216565500SpainIndiv52783297171545320<		1G Turkey	4270	5473	340531	4967	3022	120471	4075	21/8	1439/1
Indal         42170         22493         4467/20         24639         1767         130578         1778         9421         137584           Switzerland         Native         5620         3060         930415         1         14870         1         3         1         1         1         1         3         1         1         1         1         1         1         1         1         1         1         3         3         1         1         1         1         1         1         1         1         3         3         3         1         1         3         3         1			2008	518	127707	520	17672	14970	17750	50	4270504
Switzerianio       Native       5620       3000       930415         IG For, Yugoslavia & Turkey       99       81       14870         2G For, Yugoslavia & Turkey       54       27       7918         IG Western Europe       385       287       69930         2G Western Europe       395       251       71280         2G Southern Europe       339       223       56974         Total       7114       4120       1181714         Sweden       Native       6740       3993       705419       5670       3638       213826       4921       1170       343099         2G For, Yugoslavia       2127       1169       222497       1798       1103       79947       1499       372       113532         2G For, Yugoslavia       2127       1169       222497       1114       697       46520       925       321       58031         2G For, Yugoslavia       217       169       222497       1114       697       46520       925       321       58031         2G For, Yugoslavia       176       759       150172       1114       697       46520       925       321       58031         2G Iran       176	C	Iotal	42170	24398	4462720	24639	1/6/2	1303/38	17758	9421	13/9584
Alsolo       14300         2G For. Yugoslavia & Turkey       54       27       7918         1G Western Europe       385       287       69930         2G Western Europe       395       251       71280         2G Southern Europe       222       191       30327         2G Southern Europe       339       223       56974         Total       7114       4120       1181714         Sweden       Native       6740       393       705419       5670       3638       213826       4921       1170       343099         2G Finland       2127       1169       222497       1798       1103       79947       1499       372       113532         2G Fin. Yugoslavia       2234       1208       241011       1803       1066       76484       1447       287       107425         2G Fin. Yugoslavia       2234       1208       241011       1803       1066       76484       1447       287       107425         2G Fin. Yugoslavia       2234       1208       241011       1803       1066       76484       1447       287       107425         2G Fin.       126 Ban       775       15172       1114	Switzenanu	10 For Vugoslavia 8 Turkov	5620	5000	930413						
Ast for. rugoslavia c futkey         34         27         7916           1G Western Europe         385         287         69930           2G Western Europe         395         521         71280           1G Southern Europe         222         191         30327           2G Southern Europe         339         223         56974           Total         7114         4120         1181714           Sweden         Native         6740         3993         705419         5670         3638         213826         4921         1170         343092           2G Finland         2127         1169         22247         1798         1103         79947         1499         372         113532           2G For. Yugoslavia         2234         1208         241011         1803         1066         76484         1447         287         107425           2G Turkey         1406         759         150172         1114         697         46520         925         321         58031           2G Iran         176         76         22736         92         51         2848         71         15         3513           Spain         Native         5728 <td></td> <td>C For Vugoslavia &amp; Turkey</td> <td>99</td> <td>10</td> <td>146/0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		C For Vugoslavia & Turkey	99	10	146/0						
Intersection         Intersection         Sees         267         609930           2G Western Europe         395         251         71280           1G Southern Europe         222         191         30327           2G Western Europe         339         223         56974           Total         7114         4120         1181714           Sweden         Native         6740         3993         705419         5670         3638         213826         4921         1170         343099           2G For. Yugoslavia         2234         1208         241011         1803         1066         76484         1447         287         107425           2G For. Yugoslavia         2234         1208         241011         1803         1066         76484         1447         287         107425           2G Turkey         1406         759         12172         1114         697         46520         925         321         58031           2G Iran         176         765         124         71         15         3513           16E U, US, Canada         1779         1144         577         4728         146         639         102876         145         16		10 Mostorn Furano	24	2/	(0020						
As western Europe         359         A51         71280           1G Southern Europe         222         191         3037           2G Southern Europe         339         223         56974           Total         7114         4120         118714           Sweden         Native         6740         3993         705419         5670         3638         213826         4921         1170         343099           2G Finland         2127         1169         222497         1798         1103         79947         1499         372         113532           2G For. Yugoslavia         2234         1208         241011         1803         1066         76484         1447         287         107425           2G For. Yugoslavia         2234         1208         241011         1803         1066         76484         1447         287         107425           2G Turkey         1406         759         150172         1114         697         46520         925         321         58031           Total         12683         7205         1341835         1047         6555         419625         8663         216         625600           Spain         Native<		26 Western Europe	305	20/	71200						
Isolatien Europe         339         223         56974           Total         7114         4120         1181714           Sweden         Native         6740         3993         705419         5670         3638         213826         4921         1170         343099           2G Finland         2127         1169         222497         1798         1103         79947         1499         372         113532           2G For. Yugoslavia         2234         1208         241011         1803         1066         76484         1447         287         107425           2G Furkey         1406         759         150172         1114         697         46520         925         321         58031           2G Turkey         1406         759         150172         1114         697         46520         925         321         58031           Total         12683         705         1341835         10477         6555         419625         8863         2165         625600           Spain         Native         5728         3297         170156         3420         2195         262608         2156         262508         2156         2156         2156 <td></td> <td>16 Southorn Europo</td> <td>585</td> <td>251</td> <td>20227</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		16 Southorn Europo	585	251	20227						
Total         7114         4120         1181714           Sweden         Native         6700         3933         705419         5670         3638         213826         4921         1170         343099           Sweden         Native         6700         3933         705419         5670         3638         213826         4921         1170         343099           2G Finland         2127         1169         222497         1798         1103         79947         1449         372         113532           2G For. Yugoslavia         2234         1208         241011         1803         1066         76484         1447         287         107425           2G Turkey         1406         759         150172         1114         697         46520         925         321         58031           2G Iran         176         76         22736         92         51         2848         71         15         3513           Spain         Native         5728         3297         1701564         3420         2195         262608         2165         625600           Spain         1.5G EU, US, Canada         1779         1144         574332         1144		C Southern Europe	222	191	50527						
Native         7114         7123         7124         7123         7123         7123         7124         7123         7123         7123         7123         7123         7123         7123         7123         7123         7123         7123         7123         7123         7123         7123         7123         7123         7123         7133         7133         7133         7144         7133         7133         7133         7133         7133         7144         7143         7143         7143         7143         7143         7143         7143         7143         <		Zo Southern Europe	559 7114	4120	209/4						
Sweden         Native         0740         3535         7.03415         3070         3038         7.13220         4.321         1170         343039           2G Finland         2127         1169         22247         1798         1103         79947         1499         372         113532           2G For. Yugoslavia         2234         1208         241011         1803         1066         76484         1447         287         107425           2G Turkey         1406         759         15072         1114         697         46520         925         321         58031           2G Iran         176         76         22736         92         51         2848         71         15         3513           Total         12683         7205         1341835         10477         6555         419625         8863         2165         625600           Spain         Native         5728         3297         1701564         3420         2195         262608         2165         43625         4563         2165         45645         4564         102876         4158         416         317         414         537         4728         116         164147         283 </td <td>Swodon</td> <td>Nativo</td> <td>6740</td> <td>2002</td> <td>705/10</td> <td>E670</td> <td>2620</td> <td>212026</td> <td>4021</td> <td>1170</td> <td>242000</td>	Swodon	Nativo	6740	2002	705/10	E670	2620	212026	4021	1170	242000
26 Finialiti       2127       1105       22497       1756       1105       79947       1495       372       113322         26 For. Yugoslavia       2234       1208       24101       1803       1066       76484       1447       287       107425         26 Turkey       1406       759       15072       1114       697       46520       925       321       58031         26 Iran       176       76       22736       92       51       2848       71       15       3513         Total       12683       7205       1341835       10477       6555       419625       8863       2165       625600         Spain       Native       5728       3297       1701564       3420       2195       262608	Sweden	26 Einland	2127	1160	222407	1709	1102	213620	4921	1170	112522
2G Tot. Tugoslavia       22.94       1206       24.011       1803       1606       70484       1447       285       100425         2G Turkey       1406       759       150172       1114       697       46520       925       321       58031         2G Iran       176       76       22736       92       51       2848       71       15       3513         Total       12683       7205       1341835       10477       6555       419625       8863       2165       625600         Spain       Native       5728       3297       1701564       3420       2195       262608		26 Finianu 26 Eor. Vugoslavia	212/	1209	222497	1903	1105	75547	1499	37Z 297	107/25
ZG Iran       1400       735       15172       1114       057       40320       321       30311       30311         ZG Iran       176       76       22736       92       51       2848       71       15       3513         Total       12683       7205       1341835       10477       6555       419625       8863       2165       625600         Spain       Native       5728       3297       170154       3420       2195       262608       216       216       625 <td></td> <td>2G Turkov</td> <td>1/06</td> <td>750</td> <td>150172</td> <td>1003</td> <td>607</td> <td>16520</td> <td>025</td> <td>207</td> <td>58021</td>		2G Turkov	1/06	750	150172	1003	607	16520	025	207	58021
Total         170         7205         132         517         2546         71         153         5315           Spain         Native         12683         7205         1341835         10477         6555         419625         8863         2165         625600           Spain         Native         5728         3297         170154         3420         2195         262608           I G EU, US, Canada         1779         1144         574332         1144         639         102876           I S G EU, US, Canada         129         74         40188         74         57         4728           I S Maghreb         604         361         203184         361         221         31680           I S G Maghreb         2834         2019         868140         2019         1222         174144           I G Latin America         622         459         325         27072         15           I S G Latin America         328         143         97620         143         83         11724           I S G Latin America         3204         77497         3680592         7620         4742         614832           Estonia         Native         4992		2G Iran	176	755	22726	1114	51	40320	925 71	15	2512
Native         5728         3297         170154         3420         2195         262508           Spain         Native         5728         3297         1701564         3420         2195         262608           IG EU, US, Canada         1779         1144         574332         1144         639         102876           1.5G EU, US, Canada         129         74         40188         74         57         4728           16 Maghreb         604         361         203184         361         221         31680           1.5G Maghreb         2834         2019         868140         2019         1222         174144           1G Latin America         622         459         195564         459         325         27072           1.5G Latin America         328         143         97620         143         83         11724           Total         12024         7497         3680592         7620         4742         614832           Estonia         Native         4992         4120         571846         4086         2833         298794         2835         1000         324261           1G Russian Speaker         1373         1262         155927<		Total	17692	7205	12/1925	10/77	6555	/10625	9963	2165	625600
Spann       Native       5723       5257       17104       5420       2153       202003         1G EU, US, Canada       1779       1144       574332       1144       639       102876         1.5G EU, US, Canada       129       74       40188       74       57       4728         1G Maghreb       604       361       2019       1222       174144         1G Latin America       622       459       195564       459       325       27072         1.5G Latin America       328       143       97620       143       83       11724         Total       12024       7497       3680592       7620       4742       614832         Estonia       Native       4992       4120       571846       4086       2833       298794       2835       1000       324261         1G Russian Speaker       1373       1262       155927       1251       794       130110       797       119       117615         2G Russian Speaker       868       674       87946       669       321       64501       323       53       40108	Spain	Native	5728	200	1701564	2/20	2105	262608	8805	2105	023000
1.10160, 03, canada       1773       1144       03432       1144       035       102370         1.56 EU, US, Canada       129       74       40188       74       57       4728         16 Maghreb       604       361       203184       361       221       31680         1.56 Maghreb       2834       2019       868140       2019       1222       174144         16 Latin America       622       459       195564       459       325       27072         1.56 Latin America       328       143       97620       143       83       11724         Total       12024       7497       3680592       7620       4742       614832         Estonia       Native       4992       4120       571846       4086       2833       298794       2835       1000       324261         1G Russian Speaker       1373       1262       155927       1251       794       130110       797       119       117615         2G Russian Speaker       868       674       87946       669       321       64501       323       53       40108	Span	16 EULUS Canada	1770	11//	57/222	11//	630	102000			
Iso Teo, Co, Co, Canada     Iso     Iso     Iso     Iso     Iso     Iso       1G Maghreb     604     361     203184     361     221     31680       1.5G Maghreb     2834     2019     868140     2019     1222     174144       1G Latin America     622     459     195564     459     325     27072       1.5G Latin America     328     143     97620     143     83     11724       Total     12024     7497     3680592     7620     4742     614832       Estonia     Native     4992     4120     571846     4086     2833     298794     2835     1000     324261       1G Russian Speaker     1373     1262     155927     1251     794     130110     797     119     117615       2G Russian Speaker     868     674     87946     669     321     64501     323     53     40108		15G FULUS Canada	179	7/	/0188	7/	57	102070			
Ison Maginetic       Born Store       Born Store       Born Store       Born Store       Born Store         1.5G Maghreb       2834       2019       868140       2019       1222       174144         16 Latin America       622       459       195564       459       325       27072         1.5G Latin America       328       143       97620       143       83       11724         Total       12024       7497       3680592       7620       4742       614832         Estonia       Native       4992       4120       571846       4086       2833       298794       2835       1000       324261         1G Russian Speaker       1373       1262       155927       1251       794       130110       797       119       117615         2G Russian Speaker       868       674       87946       669       321       64501       323       53       40108		1G Maghreh	604	361	203184	361	221	31680			
Isol Maginetica     1004     1004     1001     1001     1001     1001       1G Latin America     622     459     19564     459     325     27072       1.5G Latin America     328     143     97620     143     83     11724       Total     12024     7497     3680592     7620     4742     614832       Estonia     Native     4992     4120     571846     4086     2833     298794     2835     1000     324261       1G Russian Speaker     1373     1262     155927     1251     794     130110     797     119     117615       2G Russian Speaker     868     674     87946     669     321     64501     323     53     40108		1 5G Maghreh	2834	2019	8681/0	2019	1222	17/1//			
Inscription         OLD         Fost of the section of		16 Latin America	677	2019 <u>7</u> 20	19556/	2019 <u>7</u> 20	325	27072			
Total         12024         7497         3680592         7620         4742         614832           Estonia         Native         4992         4120         571846         4086         2833         298794         2835         1000         324261           IG Russian Speaker         1373         1262         155927         1251         794         130110         797         119         117615           2G Russian Speaker         868         674         87946         669         321         64501         323         53         40108		1 5G Latin America	279	1/12	97620	1/12	22 82	11724			
Estonia         Native         4992         4120         571846         4086         2833         298794         2835         1000         324261           1G Russian Speaker         1373         1262         155927         1251         794         130110         797         119         117615           2G Russian Speaker         868         674         87946         669         321         64501         323         53         40108		Total	120 12024	743 7497	3680597	7620	دہ 4742	614837			
Instruction         Instruction <thinstruction< th=""> <thinstruction< th=""></thinstruction<></thinstruction<>	Estonia	Native	1907	41 <b>2</b> 0	5718/16	2026	2822	29879/	2835	1000	374761
2G Russian Speaker 868 674 87946 669 321 64501 323 53 40108	2500110	16 Russian Sneaker	1272	1267	155077	1251	70/	120110	2000	110	117615
		2G Russian Sneaker	272	674	87946	660	304	64501	372	52	40108
Total 7233 6056 815719 6006 3948 493405 3955 1172 481984		Total	7233	6056	815719	6006	3948	493405	3955	1172	481984

## Table 2: Number of women at risk, events and person-months by migrant group

		Cou	Country set 1 (UK, France, Belgium and Estonia)			Country set 2 (Germany, Switzerland, Sweden and Spain)			
Variable	Category	Mo	Model 1 Model 2		odel 2	Model 1		Model 2	
		RR Sign.	95% Conf. Int.	RR Sign.	95% Conf. Int.	RR Sign.	95% Conf. Int.	RR Sign.	95% Conf. Int.
Age group									
	15-19	0.30 ***	0.29 - 0.30	0.28 ***	0.27 - 0.28	0.09 ***	0.08 - 0.09	0.08 ***	0.08 - 0.08
	20-24	0.85 ***	0.83 - 0.86	0.82 ***	0.81 - 0.84	0.60 ***	0.58 - 0.61	0.57 ***	0.56 - 0.59
	25-29	1	0.57 0.77	1	0.55 0.74	1		1	
	30-34	0.69 ***	0.67 - 0.72	0.69 ***	0.66 - 0.71	1.18 ***	1.14 - 1.22	1.20 ***	1.16 - 1.24
Birth coho	35+ rt	0.19	0.18 - 0.20	0.18	0.17 - 0.19	0.50	0.47 - 0.53	0.50 ***	0.48 - 0.53
Dirtircono	1940-1949	1.25 ***	1.22 - 1.28	1.09 ***	1.06 - 1.11	1.26 ***	1.16 - 1.36	1.13 ***	1.04 - 1.22
	1950-1959	1.15 ***	1.13 - 1.18	1.08 ***	1.05 - 1.10	1.26 ***	1.21 - 1.32	1.20 ***	1.14 - 1.25
	1960-1969	1		1		1		1	
	1970-1979	0.90 ***	0.88 - 0.92	0.97 ***	0.94 - 0.99	0.85 ***	0.83 - 0.88	0.88 ***	0.85 - 0.91
	1980-1989	0.77 ***	0.74 - 0.80	0.83 ***	0.80 - 0.86	0.66 ***	0.63 - 0.70	0.68 ***	0.65 - 0.72
Country	United Kingdom								
and	Native	1	0.65 0.78	1	0.60 0.83				
group	2G Europe & West	0.86 ***	0.03 - 0.78	0.88 ***	0.89 - 0.85				
Broup	1G India	1.06	0.95 - 1.18	1.07	0.96 - 1.20				
	2G India	0.88 *	0.76 - 1.01	0.93	0.81 - 1.07				
	1G Pakistan & Bangladesh	1.87 ***	1.73 - 2.03	1.59 ***	1.47 - 1.72				
	2G Pakistan & Bangladesh	1.29 ***	1.12 - 1.48	1.20 ***	1.05 - 1.38				
	1G Carribean	1.23 **	1.04 - 1.46	1.15 *	0.97 - 1.36				
	2G Carribean	1.00	0.88 - 1.15	1.01	0.88 - 1.15				
	France	0.02 ***	0.80 0.07	0.94 ***	0.90 0.97				
	16 Maghreb	1.02	0.89 - 0.97	0.81 ***	0.80 - 0.87				
	2G Maghreb	0.85 ***	0.81 - 0.89	0.72 ***	0.69 - 0.76				
	1G Sub-Saharan Africa	1.20 ***	1.15 - 1.26	0.98	0.93 - 1.03				
	2G Sub-Saharan Africa	0.81 ***	0.72 - 0.91	0.75 ***	0.66 - 0.84				
	1G Turkey	2.01 ***	1.89 - 2.15	1.48 ***	1.39 - 1.58				
	2G Turkey	1.32 ***	1.17 - 1.49	1.07	0.95 - 1.21				
	1G Southern Europe	1.19 ***	1.14 - 1.24	0.95 **	0.91 - 0.99				
	2G Southern Europe	0.90 ***	0.86 - 0.94	0.78 ***	0.74 - 0.81				
	Belgium	0 02 ***	0.00 0.05	0 90 ***	0.96 0.01				
	16 Italy	1 25 ***	1 20 - 1 29	1.05 **	1.01 - 1.08				
	2G Italy	0.47 ***	0.45 - 0.50	0.44 ***	0.41 - 0.46				
	1G Morocco	1.20 ***	1.16 - 1.24	0.94 ***	0.91 - 0.98				
	2G Morocco	0.62 ***	0.57 - 0.66	0.53 ***	0.49 - 0.57				
	1G Turkey	2.11 ***	2.03 - 2.20	1.60 ***	1.54 - 1.67				
	2G Turkey	1.06	0.97 - 1.16	0.89 ***	0.81 - 0.97				
	Estonia		4.00 4.00	***					
	Native 10 Dussian Speaker	1.27 ***	1.23 - 1.32	1.47 ***	1.41 - 1.52				
	2G Russian Speaker	1.50 ***	1.39 - 1.62	1.72 ***	1.59 - 1.86				
	Germany	1.50	1.05 1.02	1.72	1.00				
	Native					1		1	
	1G Turkey					3.02 ***	2.78 - 3.28	2.34 ***	2.15 - 2.55
	2G Turkey					1.50 ***	1.24 - 1.81	1.38 ***	1.15 - 1.67
	Switzerland								
	Native					0.91 ***	0.87 - 0.95	0.93 ***	0.88 - 0.97
	1G For. Yugoslavia & Turkey					1.56	1.25 - 1.94	1.51	1.21 - 1.88
	16 Western Europe					1.04	0.92 - 1.17	1.15 **	1.02 - 1.29
	2G Western Europe					0.96	0.85 - 1.09	1.02	0.90 - 1.16
	1G Southern Europe					1.82 ***	1.57 - 2.11	1.73 ***	1.49 - 2.00
	2G Southern Europe					1.14 *	1.00 - 1.30	1.14 **	1.00 - 1.31
	Sweden								
	Native					1.21 ***	1.17 - 1.26	1.24 ***	1.19 - 1.29
	2G Finland					1.12 ***	1.06 - 1.20	1.10 ***	1.04 - 1.18
	2G For. Yugoslavia					1.07 **	1.01 - 1.14	1.05 *	0.99 - 1.12
	2G Iran					0.73 ***	0.58 - 0.91	0.75 **	1.04 - 1.22
	Snain					0.73	0.58 - 0.51	0.75	0.00 - 0.94
	Native					1.11 ***	1.07 - 1.16	1.13 ***	1.08 - 1.18
	1G EU, US, Canada					1.08 **	1.02 - 1.16	1.10 ***	1.03 - 1.17
	1.5G EU, US, Canada					0.91 *	0.82 - 1.01	0.90 *	0.81 - 1.00
	1G Maghreb					1.35 ***	1.23 - 1.48	1.12 **	1.02 - 1.23
	1.5G Maghreb					0.99	0.79 - 1.25	0.84	0.67 - 1.06
	1G Latin America					1.38 ***	1.31 - 1.45	1.40 ***	1.33 - 1.47
Education	1.5G Latin America					0.92	0.78 - 1.09	0.99	0.84 - 1.17
Education	Unknown			0.98	0.95 - 1.02			0 12 ***	0.07 - 0.22
	Low			1	0.00 1.02			1	0.07 0.22
	Medium			0.73 ***	0.72 - 0.75			0.73 ***	0.70 - 0.75
	High			0.49 ***	0.48 - 0.50			0.52 ***	0.50 - 0.54
Constant		0.009 ***	0.009 - 0.010	0.015 ***	0.014 - 0.015	0.006 ***	0.006 - 0.007	0.009 ***	0.009 - 0.010

## Table 3: Relative risks of first birth

 Constant
 (1.009 \*\*\*

 Significance level: \*\*\* = p-value < 0.01, \*\* = p-value < 0.05,\* = p-value < 0.1</td>

 Model 1 controlls for cohort and age group

 Model 2 controlls additionally for education



Figure 1a: Relative risks of first birth (UK, France, Belgium and Estonia with UK Natives as reference category)

Model 1 = controlled for cohort and age group Model 2 = controlled additionally for education

Figure 1b: Relative risks of first birth (Germany, Switzerland, Sweden and Spain with Germany Natives as reference category)



Model 1 = controlled for cohort and age group Model 2 = controlled additionally for education

			M	odel 1	Model 2		
Variable		Category	RR Sign.	95% Conf. Int.	RR Sign.	95% Conf. Int.	
Years since Firs	t						
birth		0-1	0.39 ***	0.38 - 0.40	0.39 ***	0.38 - 0.40	
		1-3	1		1		
		3-5	0.85 ***	0.83 - 0.86	0.85 ***	0.83 - 0.86	
		5-10 10+	0.39 ***	0.38 - 0.40	0.39 ***	0.38 - 0.40	
Birth cohort		101	0.05	0.08 - 0.09	0.08	0.08 - 0.05	
		1940-1949	1.13 ***	1.10 - 1.16	1.09 ***	1.06 - 1.13	
		1950-1959	1.06 ***	1.03 - 1.08	1.04 ***	1.01 - 1.06	
		1960-1969	1		1		
		1970-1979	1.01	0.99 - 1.04	0.97 ***	0.95 - 0.99	
Country and	Linite d Kin od and	1980-1989	0.92 ***	0.88 - 0.96	0.81 ***	0.78 - 0.85	
Migrant group	United Kingdom	Native	1		1		
Wilgrand Broop		1G Europe & West	0.96	0.86 - 1.07	0.95	0.84 - 1.06	
		2G Europe & West	0.89 **	0.81 - 0.98	0.89 **	0.80 - 0.98	
		1G India	1.04	0.92 - 1.18	1.01	0.89 - 1.14	
		2G India	1.16 *	0.99 - 1.35	1.15 *	0.99 - 1.34	
		1G Pakistan & Bangladesh	1.53 ***	1.41 - 1.67	1.50 ***	1.38 - 1.64	
		2G Pakistan & Bangladesh	1.83 ***	1.56 - 2.15	1.79 ***	1.53 - 2.10	
		1G Carribean	0.65 ***	0.54 - 0.79	0.63 ***	0.52 - 0.77	
	F	2G Carribean	0.60 ***	0.50 - 0.71	0.56 ***	0.47 - 0.66	
	FIGULE	Native	0.76 ***	073-080	0 77 ***	073-081	
		1G Maghreb	1 22 ***	1 16 - 1 28	1 78 ***	1 22 - 1 35	
		2G Maghreb	0.87 ***	0.82 - 0.93	0.89 ***	0.84 - 0.95	
		1G Sub-Saharan Africa	0.89 ***	0.84 - 0.94	0.88 ***	0.83 - 0.93	
		2G Sub-Saharan Africa	0.76 ***	0.64 - 0.90	0.76 ***	0.64 - 0.91	
		1G Turkey	1.46 ***	1.36 - 1.56	1.42 ***	1.32 - 1.52	
		2G Turkey	1.04	0.89 - 1.22	1.06	0.90 - 1.24	
		1G Southern Europe	0.72 ***	0.69 - 0.76	0.73 ***	0.69 - 0.76	
	<b>C</b>	2G Southern Europe	0.67 ***	0.63 - 0.70	0.68 ***	0.64 - 0.71	
	Germany	Nativo	0 61 ***	0.60 0.62	0 65 ***	0.62 0.67	
		1G Turkey	0.01	0.00 - 0.03	0.03	0.87 - 0.98	
		2G Turkey	0.60 ***	0.50 - 0.72	0.61 ***	0.51 - 0.73	
	Belgium						
	0	Native	0.69 ***	0.67 - 0.71	0.67 ***	0.65 - 0.69	
		1G Italy	0.77 ***	0.74 - 0.81	0.73 ***	0.70 - 0.76	
		2G Italy	0.61 ***	0.56 - 0.66	0.61 ***	0.56 - 0.65	
		1G Morocco	1.48 ***	1.43 - 1.54	1.34 ***	1.29 - 1.40	
		2G Morocco	0.92	0.83 - 1.03	0.88 **	0.79 - 0.98	
		1G Turkey	1.45 ***	1.39 - 1.51	1.26 ***	1.20 - 1.31	
	Sweden	2G Turkey	0.78	0.69 - 0.90	0.73	0.64 - 0.83	
	Sweden	Native	0.93 ***	0.89 - 0.97	1.00	0.96 - 1.05	
		2G Finland	0.82 ***	0.77 - 0.87	0.88 ***	0.82 - 0.94	
		2G For. Yugoslavia	0.78 ***	0.73 - 0.84	0.85 ***	0.80 - 0.91	
		2G Turkey	0.82 ***	0.76 - 0.89	0.85 ***	0.78 - 0.92	
		2G Iran	0.89	0.67 - 1.17	1.01	0.77 - 1.33	
	Spain						
		Native	0.52 ***	0.50 - 0.55	0.54 ***	0.51 - 0.56	
		1G EU, US, Canada	0.41 ***	0.38 - 0.44	0.41 ***	0.38 - 0.45	
		1.5G EU, US, Canada	0.44 ***	0.39 - 0.51	0.4/ ***	0.41 - 0.54	
		1 5G Maghreb	0.66 ***	0.57 - 0.72	0.07 ***	0.00 - 0.75	
		16 Latin America	0.44 ***	0.42 - 0.47	0.44 ***	0.41 - 0.47	
		1.5G Latin America	0.45 ***	0.36 - 0.55	0.46 ***	0.37 - 0.57	
	Estonia						
		Native	0.61 ***	0.59 - 0.64	0.55 ***	0.53 - 0.57	
		1G Russian Speaker	0.42 ***	0.39 - 0.45	0.37 ***	0.35 - 0.40	
		2G Russian Speaker	0.35 ***	0.31 - 0.39	0.30 ***	0.27 - 0.34	
Education level		Linken nuur			1 22 444	1 40 4 20	
		UNKNOWŃ			1.23 ***	1.19 1.28	
		Medium			1 98 **	0.96 1.00	
		High			1.19 ***	1.16 1.21	
Age at first birt	h	····			1.15	1.10 1.61	
		15-19			1.12 ***	1.09 1.14	
		20-24			1		
		25-29			0.89 ***	0.87 0.90	
		30+			0.66 ***	0.64 0.68	
6			0 007 ***	0.005 0.000	0 000 ***	0.000 6.000	
Constant	**** = p vpluo < 0.01 **	- p vplug < 0.05 * - p vplug < 0.1	0.027 ***	0.026 - 0.027	0.029 ***	0.028 - 0.030	

## Table 4: Relative risks of second birth

Significance level: \*\*\* = p-value < 0.01, \*\* = p-value < 0.05, \* = p-val Model 1 controlls for cohort and years since first birth Model 2 controlls additionally for education and age at first birth



Figure 2: Relative risks of second birth (all countries with UK natives as reference category)

Model 1 = controlled for cohort and years since first birth

Model 2 = controlled additionally for education and age at first birth

Variable         Value         R         Sign         Store furt.         RI         Sign				Model 1	N	Indel 2
Years since Second birth         0.1         0.64         0.62         0.63         0.61         0.66           1-3         1         1.7         1         0.75         0.81         0.76         0.81           3-5         0.78         0.78         0.81         0.76         0.81         0.77         0.81         0.77         0.81         0.77         0.81         0.77         0.81         0.77         0.81         0.77         0.81         0.77         0.81         0.77         0.81         0.77         0.81         0.77         0.81         0.77         0.81         0.77         0.88         0.91         1.11         1         0.91         1.11         1.11         0.91         1.11 <t< th=""><th>Variable</th><th>Value</th><th>RR Sign</th><th>. 95% Conf. Int.</th><th>RR Sign.</th><th>95% Conf. Int.</th></t<>	Variable	Value	RR Sign	. 95% Conf. Int.	RR Sign.	95% Conf. Int.
Second birth         0.1         0.64         0.62         0.65         0.63         0.61         0.66           35         0.78         0.75         0.81         0.78         0.75         0.81         0.78         0.75         0.81         0.75         0.81         0.75         0.81         0.26         0.33         0.32         <	Years since		-		-	
13         1         0         1           35         0.78***         0.75         0.81         0.07****         0.08****         0.07         0.08           Birth cohort         190-190         0.38****         0.07         0.08         0.07         0.08         0.09         0.08         0.07         0.08         0.09         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.08         0.07         0.07         0.08         0.07         0.07         0.07	Second birth	0-1	0.64 ***	0.62 - 0.66	0.63 ***	0.61 - 0.66
5-5         0.78         0.75         0.81         0.78         0.76         0.81           Birth cohort         190         0.09         0.08         0.09         0.08         0.07         0.08           190-1490         1.24         1.29         1.00         0.08         0.09         0.08         0.09         0.08         0.07         0.08           190-1590         1.06         1.24         1.00		1-3	1		1	
5:0     0.38     0.37     0.39     0.38     0.38     0.68     0.09       Birth cohort     130-150     1.06     0.09     0.08     0.08     0.08     0.08       1930-150     1.06     1.02     1.10     0.08<		3-5	0.78 ***	0.75 - 0.81	0.78 ***	0.76 - 0.81
Binh cohort         190         0.09         0.08         0.09         0.08         0.07         0.08           Binh cohort         190-1969         1.24         1.19         1.29         1.10         1.00         0.05         1.03           1900-1969         1.24         1.16         1.11         0.99         0.05         1.03           Country and Migrant group         United Kingdom         1         1.16         1.11         0.99         0.75         1.13           Gá Western EU         0.89         0.72         1.09         0.22         0.75         1.13           Gá Western EU         0.89         0.72         1.09         0.22         1.08         1.48         1.48         1.43         1.43         1.15         1.11         1.10         1.15         1.26         1.13         1.25         1.13         1.25         1.10         1.13         1.25         1.10         1.13         1.13         1.13         1.11         1.10         1.15         1.10         1.13         1.11         1.11         1.11         1.11         1.11         1.11         1.11         1.11         1.11         1.11         1.11         1.11         1.11         1.11         1.11		5-10	0.38 ***	0.37 - 0.39	0.38 ***	0.36 - 0.39
Birth cohort       intermediate       intermediat       intermediat       i		10+	0.09 ***	0.08 - 0.09	0.08 ***	0.07 - 0.08
1940         1.24         1.19         1.29         1.10         1.00         1.03           1950         1950         1.06         1.02         1.00         0.98         0.94         1.03           1970         1.07         1.03         1.12         1.90         0.95         1.03           1970         1.07         1.06         1.12         0.99         0.92         0.75         1.10           1980         1.25         1.108         1.44         1.25         1.108         1.44         1.93         1.06         1.56         1.26         1.08         1.44         1.25         1.108         1.44         1.13         1.26         1.108         1.44         1.25         1.108         1.44         1.25         1.108         1.44         1.25         1.108         1.44         1.25         1.108         1.44         1.25         1.108         1.44         1.25         1.108         1.44         1.25         1.108         1.44         1.25         1.108         1.44         1.25         1.13         1.26         1.44         1.25         1.26         1.26         1.26         1.26         1.26         1.26         1.26         1.26         1.26 <td< td=""><td>Birth cohort</td><td></td><td></td><td></td><td></td><td></td></td<>	Birth cohort					
1950 1959         1.06***         1.02         1.00         0.98         0.94         1.01           1960 1969         1         1         1.07         1.03         1.12         0.99         0.95         1.01           Ourntry and         United Kingdom         1.28****         1.16         1.41         1.01         0.91         1.11           Courntry and         United Kingdom         1.28****         1.06         1.56         1.		1940-1949	1.24 ***	1.19 - 1.29	1.10 ***	1.06 - 1.15
1960         1         1         1           1970-1979         1.07***         1.08 - 1.21         0.99         0.95 - 1.03           Country and Migrant group         Watke         1         1         1         1           Migrant group         Natke         1         1         1         1           10 Western EU         0.85         1.08 - 1.44         1.25 ***         1.08 - 1.45           26 India         1.29 ***         1.08 - 1.44         1.25 ***         1.08 - 1.45           26 India         1.29 ***         1.08 - 1.44         1.25 ***         1.08 - 1.45           26 India         1.29 ***         1.08 - 1.45         1.28 ***         1.44           20 Pakistan & Bangladesh         3.12 ***         2.80 - 3.47         2.79 ***         2.49 - 3.09           26 Carribean         1.42 ***         1.07 - 1.88         1.24         0.99 ***         1.17           26 Carribean         1.42 ***         1.07 - 1.88         1.26 ***         0.99 ***         2.49 ***         2.49 ***         2.49 ***         2.40 ***         1.09         1.41 ***         1.07 ***         2.60 ***         2.57 - 2.91         2.52 ***         2.61 ***         1.57 ***         2.57 **         2.57 **         2.57 **		1950-1959	1.06 ***	1.02 - 1.10	0.98	0.94 - 1.01
1970-1979         1.07         1.03         1.12         0.09         0.055         1.03           Country and Magrant group         Native         1         1         1         1           100         0.92         0.75         1.03         0.92         0.75         1.13           26 Western EU         1.25         1.06         1.55         1.26         1.04         1.53           26 Western EU         1.25         1.06         1.55         1.26         1.08         1.43           26 Gariabaan         1.66         1.33         2.06         1.73         1.93         2.16           16 Gariabaan & Bangladesh         2.44         1.07         1.33         2.49         3.09         1.03         1.10         1.77           France         10         1.78         1.24         1.07         1.33         1.60         1.41         2.40         3.09         1.41         2.45         2.91         2.44         1.03         1.10         1.77           France         16 Magrabe         2.73         2.77         2.60         2.44         2.50         2.51         1.31         1.01         1.75         1.33         1.33         1.60         1.64		1960-1969	1		1	
1990         1.2         1.1         0.91         1.11           Migrant group         United Kingdom         1         1         1           IG Western EU         0.88         0.72         1.08         1.25         1.08         1.25         1.08         1.25         1.08         1.25         1.08         1.25         1.08         1.25         1.08         1.25         1.08         1.25         1.08         1.25         1.08         1.25         1.08         1.26         1.04         1.33         2.26         1.04         1.33         2.26         1.03         2.29         1.35         2.24         1.09         1.25         2.20         1.25         2.24         1.09         1.24         0.93         1.64         2.35         2.44         1.09         1.24         0.93         1.64         2.26         2.29         1.85         2.24         1.65         2.45         2.73         2.27         2.27         2.26         2.27         2.29         2.26         2.45         1.27         2.26         2.24         1.03         1.61         1.65         1.65         1.65         1.65         1.05         1.65         0.56         0.56         0.56         0.56         0.56		1970-1979	1.07 ***	1.03 - 1.12	0.99	0.95 - 1.03
Country and Migrant group         United Kingdom           Migrant group         Native         1         1           16 Western EU         0.89         0.72 - 1.09         0.92         0.75 - 1.13           26 Western EU         1.25 ***         1.06 - 1.56         1.26 ***         1.08 - 1.44           16 Fakistan & Bangladesh         3.12 ***         2.80 - 3.47         2.78 ***         2.49 - 3.09           26 Pakistan & Bangladesh         2.44 ***         1.97 - 3.02         2.29 ***         1.85 - 2.24           16 Garibean         1.42 ***         1.07 - 1.88         1.24         0.39 - 1.64           26 Caribean         1.60 ***         1.25 ***         2.62 ***         2.45 - 2.79           26 Garibean         1.67 ***         1.53 - 1.83         1.60 ***         1.42 ***           26 Garibean         1.67 ***         1.53 - 1.83         1.60 ***         1.42 ***           26 Garibean Africa         2.50 ***         2.45 ***         2.66 ***         2.45 ***         2.67 ***         2.44 ***         1.75 ***         1.63 ***         1.4 ***         1.65 ***         1.63 ***         1.63 ***         1.63 ***         1.63 ***         1.65 ***         2.44 ***         2.65 ***         2.45 ***         2.65 ****         2.45 ***		1980-1989	1.28 ***	1.16 - 1.41	1.01	0.91 - 1.11
Migrant group     Native     1     1       16 Western EU     1.25 ***     1.08     1.44     1.25 ***     1.08     1.45       16 Mestern EU     1.25 ***     1.08     1.26 ***     1.08     1.44     1.25 ***     1.08     1.45       16 India     1.29 ***     1.06     1.56     1.26 ***     1.08     1.26 ***     1.07 ***     1.39     2.26       16 Pakistan & Bangladesh     2.44 ***     1.97 - 3.02     2.29 ***     1.85     2.84       16 Garribean     1.42 ***     1.07 - 1.88     1.24     0.93     1.64       26 Garribean     1.20 ***     2.57     2.91     2.62 ***     2.45     2.79       26 Magineb     2.73 ***     2.57     2.91     2.62 ***     2.45     2.79       26 Magineb     1.67 ***     1.53     1.53     1.50     1.64     1.76       16 Sub-Saharan Africa     2.56 ***     2.37     2.77     2.26 ***     2.46     2.79       26 Garibean     1.64     1.76     1.51     1.53     1.53     1.54     1.66     1.61     1.61     1.61     1.61     1.61     1.61     1.61     1.61     1.61     1.61     1.61     1.61     1.61     1.61     1.61     1.61 <t< td=""><td>Country and United Kingdom</td><td></td><td></td><td></td><td></td><td></td></t<>	Country and United Kingdom					
16 Western EU       0.89       0.72 - 1.09       0.92       0.75 - 1.13         26 Western EU       1.25 ***       1.06 - 1.56       1.26 ***       1.04 - 1.53         16 India       1.26 ***       1.06 - 1.56       1.73 ***       1.85 - 2.84         16 Fakistan & Bangladesh       3.12 ***       2.80 - 3.47       2.78 ***       2.40 - 3.09         26 Fakistan & Bangladesh       3.12 ***       1.97 - 3.02       2.29 ***       1.85 - 2.84         16 Garibean       1.42 **       1.97 - 1.08       1.24       0.93 - 1.64         26 Garibean       1.42 **       1.97 - 1.08       1.24       0.93 - 1.64         26 Garibean       1.67 ***       1.53 - 1.83       1.60 ***       1.46 - 1.76         16 Maghreb       2.73 ***       2.57 - 2.71       2.62 ***       2.64 - 2.79         26 Maghreb       1.67 ***       1.53 - 1.83       1.60 ***       1.46 - 1.76         16 Sub-Saharan Africa       2.06 ****       2.63 ***       2.64 ***       2.77         26 Sub-Saharan Africa       2.06 ****       2.61 ***       1.41 - 2.45         16 Furkey       1.84 ***       1.22 ****       2.61 ***       1.46 ***       1.73         16 Southern EU       0.64 ****       0.78 0.91       0.73 *	Migrant group	Native	1		1	
26 Western EU         1.25 ***         1.08 - 1.44         1.25 ***         1.08 - 1.43           16 India         1.26 ***         1.33 - 2.06         1.73 ***         1.39 - 2.16           16 Fakistan & Bangladesh         3.12 ***         1.07 - 1.83         1.24         0.39           26 Fakistan & Bangladesh         2.44 ***         1.97 - 3.02         2.29 ***         1.85 - 2.44           16 Carribean         1.42 ***         1.07 - 1.83         1.24         0.39 - 1.64           26 Garribean         1.60 ***         1.35 ***         2.04         1.39 ***           7 France         1.00 ***         1.25 ***         1.00 ***         0.87 **         1.26 ***         2.57 **         2.61 ***         1.46 ***         1.77         2.26 ***         2.45 **         2.79 ***         2.65 ***         2.47 ***         2.67 ***         2.46 ***         1.46 ***         1.10 ***         1.79 ***         2.65 ***         2.47 ***         2.67 ***         2.46 ***         1.46 ***         1.46 ***         1.46 ***         1.46 ***         1.46 ***         1.12 ***         1.07 ***         2.67 ***         2.67 ***         2.67 ***         2.67 ***         2.67 ***         2.67 ***         1.68 ***         1.44 ***         1.12 ***         1.07 ***         1.08 ***		1G Western EU	0.89	0.72 - 1.09	0.92	0.75 - 1.13
Initia         1.29         T. Lobe - 1.56         1.26         T. 108 - 1.56           1G Pakistan & Bangladesh         3.12         200         3.47         2.78         2.49         3.09           2G Pakistan & Bangladesh         2.12         2.80         3.47         2.278         2.49         3.09           2G Pakistan & Bangladesh         2.44         1.07         1.88         1.24         0.93         1.64           2G Carribean         1.60         1.26         2.04         1.39         1.10         1.77           France         0.55         0.87         1.03         0.91         4.044         0.99         2.64         2.79         2.62         2.45         2.79         2.66         2.45         2.79         2.66         2.45         2.79         2.66         2.45         2.77         2.26         2.00         2.44         2.63         1.12         2.63         1.12         2.61         3.11         2.61         3.11         2.61         2.77         2.26         2.00         2.44         2.5         2.55         2.61         3.11         3.61         0.55         0.68         0.67         0.79         2.65         0.81         1.00         0.61         1.03		2G Western EU	1.25 ***	1.08 - 1.44	1.25 ***	1.08 - 1.45
100       1.00       1.33       2.00       1.73       1.39       2.13       1.20       1.33       2.00       1.33       2.13       2.13       2.13       2.13       2.13       2.13       2.13       2.13       2.13       2.13       2.13       2.13       2.13       2.13       1.10       1.17       1.11       1.17       1.10       1.17       1.10       1.17       1.10       1.17       1.10       1.17       1.10       1.13       1.10       1.13       1.10       1.13       1.10       1.13       1.10       1.13       1.13       1.13       1.13       1.11       1.13       1.11       1.13       1.11       1.13       1.11       1.13       1.11       1.13       1.11       1.13       1.11       1.13       1.11       1.11       1.11       1.11       1.11       1.11       1.11		1G India	1.29 ***	1.06 - 1.56	1.26 **	1.04 - 1.53
Belgium       3.12       2.20       2.73       2.23       2.29       1.65       2.24         16 Carribean       1.42       1.07       1.88       1.24       0.93       1.64         France       Native       0.95       0.87       1.03       0.91       0.84       0.99         16 Maghreb       2.73       2.57       2.91       2.62       2.62       2.45       2.79         26 Maghreb       1.67       1.53       1.83       1.60       1.46       1.76         16 Sub-Saharan Africa       2.05       2.63       1.86       1.44       1.42       4.5         16 Turkey       1.48       1.12       1.31       1.35       1.60       1.46       1.76         16 Sub-Saharan Africa       2.00       1.52       2.63       1.86       1.41       2.45         26 Turkey       1.48       1.12       1.13       1.14       1.15       1.03       1.79         16 Sub-Saharan Africa       2.00       0.84       0.78       0.91       0.73       0.67       0.79         26 Turkey       1.41       1.45       1.63       1.08       1.77       0.88       0.83       0.83       0.83       0.81		2G India 1C Dekisten & Dengladash	1.00 ***	1.33 - 2.06	1.73 ***	1.39 - 2.16
Link Comparison       1.24*       1.27       1.24       0.39       1.64         2G Carribean       1.60***       1.26       2.04       1.39***       1.10       1.77         France       Native       0.95       0.87       1.03       0.91***       0.84       0.99         16 Maghreb       2.73****       2.57       2.91       2.66****       2.43       2.43       2.43       2.43       2.43       2.43       2.43       1.10       1.77         France       Native       0.95       0.87       1.03       0.91***       0.84       0.99       1.66       1.67       1.63       1.69       1.66       1.66       1.67       1.63       1.66       1.67       1.63       1.67       1.63       1.66       1.67       1.63       1.67       1.63       1.66       1.67       1.63       1.66       1.67       1.63       1.66       1.67       1.63       1.67       0.67       1.63       1.67<		2G Pakistan & Bangladosh	3.12	2.60 - 3.47	2.70 ***	2.49 - 3.09
Belgium         1-42         1-07         1.26         1.24         1.23         1.17           France         Native         0.95         0.87 - 1.03         0.91 **         0.84 - 0.99           10 Maghreb         2.73 ***         2.57 - 2.91         2.62 ***         2.45 - 2.79           26 Maghreb         1.67 ***         1.53 - 1.83         1.60 ***         1.24 *         2.45 * 2.79           26 Sub-Saharan Africa         2.55 ***         2.37 - 2.77         2.26 ***         2.64 *         2.90 * 2.44           26 Sub-Saharan Africa         2.55 ***         2.61 *         1.11 *         2.45 *         2.90 * 2.44           26 Sub-Saharan Africa         2.56 ***         2.61 *         1.13 *         1.60 ***         1.03 *         1.79           16 Southern EU         0.84 ***         0.73 *<0.91		16 Carriboan	2.44	1.37 - 3.02	2.29	1.63 - 2.64
France         Into Entropy         Into Entropy         Into Entropy           IG Maghreb         0.95         0.87 - 1.03         0.91 **         0.84 - 0.99           IG Maghreb         1.73 ****         2.57 - 2.91         2.62 ****         2.45 - 2.79           IG Maghreb         1.67 ****         1.53 - 1.83         1.60 ****         1.46 - 1.76           IG Sub-Saharan Africa         2.05 ****         2.61 - 3.11         2.27 ****         2.07 - 2.48           IG Turkey         2.85 ****         2.61 - 3.11         2.27 ****         2.07 - 2.48           IG Sub-Saharan Africa         2.00 ****         0.55 - 0.68         1.03 - 1.79           IG Sub-Saharan Africa         2.00 ****         0.55 - 0.68         1.03 - 1.79           IG Sub-Saharan Africa         2.00 ****         0.58 - 0.71         0.61 ***         0.56 - 0.68           Beigium         Native         0.90 ****         0.86 - 0.95         0.83 ****         0.78 - 0.88           IG Ialy         1.13 ****         1.07 - 1.20         0.89 ****         0.62 - 0.90           IG Morocco         3.99 ****         3.79 - 4.19         2.77 ****         2.62 - 2.94           IG Morocco         1.89 ****         1.25 - 1.14         1.34 - 1.00           IG Morocco		26 Carribean	1.42	1.07 - 1.00	1.24	1 10 - 1 77
Native         0.95         0.87 · 1.03         0.91 **         0.84 · 0.99           1G Maghreb         2.73 ***         2.57 · 2.91         2.62 ***         2.45 · 2.79           2G Maghreb         1.67 ****         1.53 · 1.83         1.60 ****         1.46 · 1.76           1G Sub-Saharan Africa         2.56 ***         2.37 · 2.77         2.26 ***         2.09 · 2.44           2G Sub-Saharan Africa         2.00 ***         1.52 · 2.63         1.86 ***         1.14 · 2.45           1G Turkey         2.85 ***         2.61 · 3.11         2.27 ***         2.07 · 2.48           2G Turkey         1.48 ***         1.12 · 1.94         1.36 **         1.03 · 1.79           1G Southern EU         0.84 ***         0.78 · 0.83 ***         0.67 · 0.79           2G Sucthern EU         0.90 ***         0.86 · 0.95         0.83 ***         0.78 · 0.88           1G Italy         1.13 ***         1.07 · 1.20         0.89 ***         0.62 · 0.90           1G Morocco         1.89 ***         1.15 · 2.31         1.64 ****         1.43 · 2.04           2G Turkey         3.10 ***         2.94 · 3.28         2.01 ****         1.89 · 2.13           2G Turkey         3.10 ***         2.94 · 3.28         2.01 ****         1.84 · 2.03 <t< td=""><td>France</td><td>20 cambean</td><td>1.00</td><td>1.20 - 2.04</td><td>1.55</td><td>1.10 - 1.77</td></t<>	France	20 cambean	1.00	1.20 - 2.04	1.55	1.10 - 1.77
IG Maghreb       2.73       2.57       2.91       2.62       2.45       2.79         20 Maghreb       1.67       1.53       1.83       1.60       1.46       1.75         16 Sub-Saharan Africa       2.00       2.55       2.37       2.77       2.26       2.09       2.44         20 Sub-Saharan Africa       2.00       1.52       2.63       1.86       1.41       2.45         20 Turkey       2.88       2.61       1.11       2.27       2.07       2.48         20 Turkey       1.48       1.21       1.91       1.36       1.03       1.79         10 Southern EU       0.84       0.78       0.91       0.73       0.67       0.79         20 Turkey       1.48       1.07       1.20       0.83       0.83       0.84       0.83       0.84       0.83       0.84       0.83       0.84       0.83       0.84       0.83       0.84       0.83       0.84       0.91       0.75       0.62       0.90       1.06       0.95       0.37       4.82       0.91       0.75       0.62       0.90       1.64       0.84       0.84       0.84       0.84       0.84       0.84       0.84       2.02       0.84	Thinke	Native	0.95	0.87 - 1.03	0.91 **	0.84 - 0.99
26 Maghreb         167 ***         1.53 · 1.83         1.60 ***         1.46 · 1.75           1G Sub-Saharan Africa         2.56 ***         2.37 · 2.77         2.26 ***         2.09 · 2.44           26 Sub-Saharan Africa         2.00 ***         1.52 · 2.63         1.86 ***         1.41 · 2.45           1G Turkey         2.85 ***         2.61 · 3.11         2.27 ***         2.07 · 2.48           20 Turkey         1.48 ***         1.12 · 1.94         1.36 ***         1.03 · 1.79           1G Southern EU         0.64 ***         0.58 · 0.71         0.61 ***         0.56 · 0.68           Belgium         Native         0.90 ***         0.86 · 0.95         0.73 ***         0.62 · 0.90           1G Morocco         1.89 ****         1.74 · 1.20         0.89 ***         0.83 · 0.34           20 Turkey         3.10 ***         2.94 · 4.19         1.37 ***         0.62 · 0.90           1G Morocco         1.89 ****         1.55 · 2.31         1.64 ****         1.34 · 2.00           1G Turkey         3.10 ***         2.94 · 1.39 · 1.35         1.10         0.84 · 1.43 · 2.01           20 Turkey         3.10 ***         0.66 · 0.77         0.88 ***         0.82 · 0.95           20 Finland         0.72 ****         0.51 · 0.65         0		1G Maghreb	2.73 ***	2.57 - 2.91	2.62 ***	2.45 - 2.79
IG Sub-Saharan Africa         2.56 ***         2.37 · 2.77         2.26 ***         2.09 · 2.44           ZO Sub-Saharan Africa         2.00 ***         1.52 · 2.63         1.86 ***         1.14 · 2.45           IG Turkey         2.85 ***         2.61 · 3.11         2.27 ***         2.07 · 2.48           ZG Turkey         1.48 ***         1.12 · 1.94         1.36 **         1.03 · 1.79           IG Southern EU         0.84 ***         0.78 · 0.91         0.73 ***         0.67 · 0.79           ZG Turkey         1.13 ***         1.07 · 1.20         0.89 ***         0.82 · 0.95           ZG Italy         1.07 · 1.20         0.89 ***         0.62 · 0.90         1.66 · 0.95         0.75 ***         0.62 · 0.90           IG Morocco         3.99 ***         3.79 · 4.19         2.77 ***         2.62 · 2.94         2.66 · 0.95         0.75 ***         0.62 · 0.90         1.66 · 0.77         0.88 ***         0.82 · 0.95         2.75 ***         0.62 · 0.90         1.66 · 0.77         0.88 ***         0.82 · 0.95         2.75 ***         0.62 · 0.90         1.66 · 0.77         0.88 ***         0.82 · 0.95         2.75 ***         0.66 · 0.77         0.88 ***         0.82 · 0.95         2.75 · 0.94         2.66 · 0.77         0.88 ***         0.82 · 0.95         2.67 · 0.78         2.67 · 0.7		2G Maghreb	1.67 ***	1.53 - 1.83	1.60 ***	1.46 - 1.76
26 Sub-Saharan Africa       2.00 ***       1.52 - 2.63       1.86 ***       1.41 - 2.45         16 Turkey       2.85 ***       2.61 - 3.11       2.27 ***       2.07 - 2.48         26 Turkey       1.48 ***       0.78 - 0.91       0.73 ***       0.67 - 0.79         26 Southern EU       0.84 ***       0.78 - 0.91       0.73 ***       0.67 - 0.79         26 Southern EU       0.84 ***       0.78 - 0.91       0.73 ***       0.67 - 0.79         26 Southern EU       0.90 ***       0.86 - 0.95       0.83 ***       0.78 - 0.88         16 Tatly       1.13 ***       1.07 - 1.20       0.89 ***       0.83 - 0.94         26 Italy       0.79 ***       0.66 - 0.95       0.57 ***       0.62 - 0.90         16 Morocco       3.99 ***       3.79 - 4.19       2.77 ***       2.62 - 2.94         26 Morocco       1.89 ***       1.55 - 2.31       1.64 ***       1.34 - 2.00         16 Turkey       1.10 **       0.84 ***       0.75 - 0.94       2.67 ***       0.66 * 0.77       0.88 ***       0.69 ***       0.82 ***       0.95       0.27 ***       0.66 * 0.77       0.88 ***       0.82 * 0.95       0.27 ***       0.64 ***       0.75 ***       0.94       0.75 ***       0.94       0.75 ***       0.94       0.75		1G Sub-Saharan Africa	2.56 ***	2.37 - 2.77	2.26 ***	2.09 - 2.44
1G Turkey       2.85 ***       2.61 - 3.11       2.27 ***       2.07 - 2.48         2G Turkey       1.48 ***       1.12 - 1.94       1.36 **       1.03 - 1.79         1G Southern EU       0.84 ***       0.58 - 0.71       0.61 ***       0.56 - 0.68         Belgium       Native       0.90 ***       0.86 - 0.55       0.83 ***       0.83 ***       0.83 - 0.94         2G taly       1.13 ***       1.07 - 1.20       0.89 ***       0.83 - 0.94       0.66 - 0.55       0.75 ***       0.62 - 0.90         1G Morocco       3.99 ***       3.75 - 2.31       1.64 ***       1.34 - 2.00         1G Turkey       3.10 ***       2.94 + 3.28       2.01 ***       1.89 + 2.13         2G Morocco       1.89 ***       1.95 + 3.31       1.64 ***       1.34 + 2.00         1G Turkey       3.10 ***       2.94 + 3.28       2.01 ***       1.89 + 2.13         2G Morocco       1.89 ***       0.85 ***       0.82 ***       0.93         2G Turkey       3.10 ***       2.94 + 3.28       2.01 ***       1.89 * 2.13         2G For Vugoslavia       0.72 ***       0.66 - 0.77       0.88 ***       0.82 * 0.95         2G For Vugoslavia       0.57 ***       0.51 * 0.65 **       0.66 ***       0.66 ***		2G Sub-Saharan Africa	2.00 ***	1.52 - 2.63	1.86 ***	1.41 - 2.45
26 Turkey         1.48         1.12 - 1.94         1.36         1.03 - 1.79           16 Southern EU         0.84         0.78 - 0.91         0.73         0.67 - 0.79           26 Southern EU         0.64         0.58 - 0.71         0.61         0.56 - 0.68           Belgium         Native         0.90         0.66         0.55         0.83         0.78 - 0.91           26 Turkey         1.13         0.77         0.60         0.56 - 0.68         0.95         0.61         0.56 - 0.68           26 Turkey         1.13         0.79         0.66 - 0.95         0.75         0.66 - 0.95         0.75         0.66 - 0.95         0.75         0.66 - 0.95         0.75         0.66 - 0.95         0.75         0.66 - 0.95         0.75         0.61         1.48 - 2.13         2.00         1.61         1.48 - 2.13         2.00         1.61         1.48 - 2.13         2.00         1.61         1.48 - 2.13         2.00         1.61         1.48 - 2.13         2.00         1.61         1.48 - 2.13         2.00         1.61         1.48 - 2.13         2.00         1.61         1.48         2.03         1.00         0.84 - 1.43         1.43         2.00         1.61         1.68         1.06         1.68         1.00         1.00		1G Turkey	2.85 ***	2.61 - 3.11	2.27 ***	2.07 - 2.48
IG Southern EU         0.84         0.78         0.91         0.73         0.67         0.79           2G Southern EU         0.64         0.58         0.71         0.61         0.55         0.68           Belgium         1.13         1.13         0.61         0.67         0.79         0.85         0.71         0.61         0.55         0.68           1G Italy         1.13         1.13         1.07         1.20         0.89         0.83         0.94         0.94         0.90         0.86         0.95         0.83         0.78         0.94         0.90         1.13         0.67         0.90         0.89         0.83         0.94         0.94         0.99         0.89         0.83         0.94         0.94         0.99         0.85         0.95         0.83         0.94         0.99         0.80         0.99         0.85         0.94         0.99         0.99         0.75         0.61         1.89         0.81         0.81         0.84         0.94         0.84         0.84         0.99         0.77         0.77         0.66         0.81         0.84         0.87         0.95         0.85         0.87         0.66         0.77         0.77         0.77         0.7		2G Turkey	1.48 ***	1.12 - 1.94	1.36 **	1.03 - 1.79
2G Southern EU         0.64 ***         0.58 - 0.71         0.61 ***         0.56 - 0.68           Belgium         Native         0.90 ***         0.86 - 0.95         0.83 ***         0.78 - 0.88           1G Italy         1.13 ***         1.07 - 1.20         0.89 ***         0.83 - 0.94           2G Italy         0.79 **         0.66 - 0.95         0.75 ***         0.62 - 0.90           1G Morocco         3.99 ***         3.79 - 4.19         2.77 ***         2.62 - 2.94           2G Morocco         1.89 ***         1.55 - 2.31         1.64 ****         1.38 - 2.13           2G Turkey         3.10 ****         2.94 - 3.28         2.01 ***         1.89 - 2.13           2G Turkey         1.42 ***         1.09 - 1.85         1.10         0.84 - 1.43           Sweden         Native         0.71 ****         0.66 - 0.77         0.88 ****         0.82 - 0.95           2G Finland         0.72 ****         0.64 - 0.81         0.84 ****         0.75 - 0.94           2G For. Yugoslavia         0.57 ****         0.51 - 0.65         0.68 ****         0.60 - 0.77           2G Turkey         1.11 **         0.84 - 1.29         1.01         0.61 - 1.68           Education level         Native         0.79 ***         0.73 - 0.85<		1G Southern EU	0.84 ***	0.78 - 0.91	0.73 ***	0.67 - 0.79
Belgium         Native         0.90 ****         0.86 - 0.95         0.83 ****         0.78 - 0.84           1G Italy         1.13 ***         1.07 - 1.20         0.89 ****         0.62 - 0.90           1G Morocco         3.99 ***         3.79 - 4.19         2.77 ***         2.62 - 2.94           2G Morocco         1.89 ****         1.55 - 2.31         1.64 ***         1.34 - 2.00           1G Turkey         3.10 ***         2.94 - 3.28         2.01 ***         1.89 - 2.13           2G Turkey         1.42 ***         1.09 - 1.85         1.10         0.84 - 1.43           Sweden         Native         0.71 ***         0.66 - 0.77         0.88 ***         0.82 - 0.95           2G Finland         0.72 ***         0.64 - 0.81         0.84 ***         0.75 - 0.94           2G For. Yugoslavia         0.57 ***         0.51 - 0.65         0.68 ***         0.60 - 0.77           2G Turkey         1.11 *         0.98 - 1.25         1.14 ***         10.1 - 1.29           2G For. Yugoslavia         0.57 ***         0.51 - 0.65         0.68 ***         0.60 - 0.77           2G Turkey         1.11 *         0.98 - 1.25         1.14 ***         10.11 - 1.29           2G Iran         0.78 ***         0.33 - 0.27 * 0.47         0.32		2G Southern EU	0.64 ***	0.58 - 0.71	0.61 ***	0.56 - 0.68
Native       0.90 ***       0.86 - 0.95       0.83 ***       0.78 - 0.88         1G Italy       1.13 ***       1.07 - 1.20       0.89 ***       0.83 - 0.94         2G Italy       0.79 **       0.66 - 0.95       0.75 **       0.62 - 0.90         1G Morocco       3.99 ***       3.79 - 4.19       2.77 ***       2.62 - 2.94         2G Morocco       1.89 ***       1.55 - 2.31       1.64 ***       1.34 - 2.00         1G Turkey       3.10 ***       2.94 - 3.28       2.01 ***       1.89 - 2.13         2G Turkey       3.10 ***       2.94 - 3.28       2.01 ***       1.89 - 2.13         Sweden       0.71 ***       0.66 - 0.77       0.88 ***       0.82 - 0.95         2G For. Yugoslavia       0.77 ***       0.51 - 0.65       0.68 ***       0.60 - 0.77         2G For. Yugoslavia       0.77 ***       0.51 - 0.65       0.68 ***       0.60 - 0.77         2G Turkey       1.11 *       0.98 - 1.25       1.14 **       1.01 - 1.29         2G Iran       0.73 ***       0.31 - 0.85       0.72 ***       0.67 - 0.78         1G Russian Speaker       0.28 ***       0.23 - 0.33       0.26 ***       0.22 - 0.31         2G Russian Speaker       0.36 ***       0.27 - 0.47       0.32 ***	Belgium					
16 Italy       1.13 ***       1.07 - 1.20       0.89 ***       0.83 - 0.94         26 Italy       0.79 **       0.66 - 0.95       0.75 ***       0.62 - 0.90         16 Morocco       3.99 ***       1.55 - 2.31       1.64 ***       1.34 - 2.00         16 Turkey       3.10 ***       2.94 - 3.28       2.01 ***       1.89 - 2.13         26 Turkey       3.10 ***       2.94 - 3.28       2.01 ***       1.89 - 2.13         26 Turkey       1.42 ***       1.09 - 1.85       1.10       0.84 - 1.43         Sweden       Native       0.71 ***       0.66 - 0.77       0.88 ***       0.82 - 0.95         26 Finland       0.72 ***       0.64 - 0.81       0.84 ***       0.75 - 0.94         26 For. Yugoslavia       0.57 ***       0.51 - 0.65       0.68 ***       0.60 - 0.77         26 Tor. Yugoslavia       0.57 ***       0.51 - 0.65       0.68 ***       0.60 - 0.77         26 Tor. Yugoslavia       0.57 ***       0.51 - 0.65       0.68 ***       0.60 - 0.77         26 Tor.       26 Iran       0.78       0.47 - 1.29       1.01       0.61 - 1.68         Estonia       Native       0.79 ***       0.73 - 0.85       0.72 ***       0.67 - 0.78         26 Russian Speaker       0.26 ***<		Native	0.90 ***	0.86 - 0.95	0.83 ***	0.78 - 0.88
26 italy       0.79       0.66 - 0.95       0.75       0.62 - 0.90         16 Morocco       3.99       3.79 - 4.19       2.77       2.62 - 2.94         26 Morocco       1.89       1.55 - 2.31       1.64       1.34 - 2.00         16 Turkey       3.10       2.94 - 3.28       2.01       1.89 - 2.13         26 Turkey       1.42       1.09 - 1.85       1.10       0.84 - 1.43         Sweden         Native       0.71       0.66 - 0.77       0.88       0.82 - 0.95         26 For. Yugoslavia       0.57       0.51 - 0.65       0.68       0.66 - 0.77         26 Turkey       1.11 *       0.98 - 1.25       1.14 **       1.01 - 1.29         26 Turkey       1.11 *       0.98 - 1.25       1.14 **       1.01 - 1.29         26 Iran       0.79       0.73 - 0.85       0.72 ***       0.67 - 0.78         16 Russian Speaker       0.28 ***       0.23 - 0.33       0.26 ***       0.22 - 0.31         26 Russian Speaker       0.26 ***       0.27 - 0.47       0.32 ***       0.32 ***       0.32 ***         16 Russian Speaker       0.26 ***       0.27 - 0.47       0.32 ***       0.27 - 0.33       0.26 ***       0.27 - 0.47         Leducation lev		1G Italy	1.13 ***	1.07 - 1.20	0.89 ***	0.83 - 0.94
16 Morocco       3.99 ***       3.79 - 4.19       2.77 ***       2.62 - 2.94         26 Morocco       1.89 ***       1.55 - 2.31       1.64 ***       1.34 - 2.00         16 Turkey       3.10 ***       2.94 - 3.28       2.01 ***       1.89 - 2.13         26 Turkey       1.09 - 1.85       1.10       0.84 - 1.43         Sweden       0.71 ***       0.66 - 0.77       0.88 ***       0.82 - 0.95         26 For. Yugoslavia       0.72 ***       0.64 - 0.81       0.84 ***       0.75 - 0.94         26 For. Yugoslavia       0.57 ***       0.51 - 0.65       0.68 ***       0.60 - 0.77         26 Turkey       1.11 *       0.98 - 1.25       1.14 **       1.01 - 1.29         26 Iran       0.78       0.47 - 1.29       1.01       0.61 - 1.68         Estonia       Estonia       0.82 ***       0.22 - 0.31       0.26 ***       0.22 - 0.31         26 Russian Speaker       0.36 ***       0.27 - 0.47       0.32 ***       0.24 - 0.42         Education level       Unknown       1       1       1         Low       1       1.35 ***       1.30 - 1.39       0.82 ***       0.93 •**       0.85 - 0.93         Age at first birth       15-19       1.35 ***       1.30 - 1.72		2G Italy	0.79 **	0.66 - 0.95	0.75 ***	0.62 - 0.90
26 Morocco       1.89 ***       1.55 - 2.31       1.64 ***       1.34 - 2.00         16 Turkey       3.10 ***       2.94 - 3.28       2.01 ***       1.89 - 2.13         26 Turkey       1.42 ***       1.09 - 1.85       1.10       0.84 - 1.43         Sweden       Native       0.71 ***       0.66 - 0.77       0.88 ***       0.82 - 0.95         26 For. Yugoslavia       0.57 ***       0.51 - 0.65       0.68 ***       0.60 - 0.77         26 Gran       0.72 ***       0.64 - 0.81       0.84 ***       0.75 - 0.94         26 Gran       0.78       0.47 - 1.29       1.01       0.61 - 1.68         Estonia       Native       0.79 ***       0.73 - 0.85       0.72 ***       0.67 - 0.73         12 G Russian Speaker       0.36 ***       0.23 - 0.33       0.26 ***       0.24 - 0.42         Education level       Unknown       1       1       1       1         Low       1       0.82 ***       0.79 - 0.85       0.93 ***       0.85 - 0.93         Age at first birth       15-19       1.35 ***       1.30 - 1.39       1         26-24       1       1       25-29       0.66 ***       0.67 - 0.72         30+       0.49 ***       0.46 - 0.52       0		1G Morocco	3.99 ***	3.79 - 4.19	2.77 ***	2.62 - 2.94
16 Turkey       3.10 ***       2.94 - 3.28       2.01 ***       1.89 - 2.13         26 Turkey       1.42 ***       1.09 - 1.85       1.10       0.84 - 1.43         Sweden         Native       0.71 ***       0.66 - 0.77       0.88 ***       0.82 - 0.95         26 Finland       0.72 ***       0.64 - 0.81       0.84 ***       0.75 - 0.94         26 For, Yugoslavia       0.57 ***       0.51 - 0.65       0.68 ***       0.60 - 0.77         26 Turkey       1.11 *       0.98 - 1.25       1.14 ***       1.01 - 1.29         26 Iran       0.78       0.47 - 1.29       1.01       0.61 - 1.68         Estonia       Native       0.79 ****       0.73 - 0.85       0.72 ****       0.67 - 0.78         16 Russian Speaker       0.36 ***       0.23 - 0.33       0.26 ***       0.22 - 0.31         26 Russian Speaker       0.36 ***       0.27 - 0.47       0.32 ***       0.24 - 0.42         Education level       1.40 ****       1.34 - 1.47       1.04       1.34 - 1.47         Low       1       1.35 ****       1.30 - 1.39       0.89 ****       0.85 - 0.93         Age at first birth       15-19       1.35 ****       1.30 - 1.39       0.66 ****       0.66 ****       0.67 -		2G Morocco	1.89 ***	1.55 - 2.31	1.64 ***	1.34 - 2.00
Sweden       1.42 ****       1.09 - 1.85       1.10       0.84 - 1.43         Sweden       Native       0.71 ****       0.66 - 0.77       0.88 ****       0.82 - 0.95         2G Finland       0.72 ****       0.64 - 0.81       0.84 ****       0.75 - 0.94         2G For. Yugoslavia       0.57 ****       0.51 - 0.65       0.68 ****       0.60 - 0.77         2G Tarkey       1.11 *       0.98 - 1.25       1.14 ***       1.01 - 1.29         2G Iran       0.78       0.47 - 1.29       1.01       0.61 - 1.68         Estonia       Native       0.79 ****       0.73 - 0.85       0.72 ****       0.67 - 0.78         1G Russian Speaker       0.28 ****       0.23 - 0.33       0.26 ****       0.22 - 0.31         2G Russian Speaker       0.36 ***       0.27 - 0.47       0.32 ****       0.42 - 0.42         Education level       Unknown       1.40 ****       1.34 - 1.47         Low       1       0.82 ****       0.82 ****       0.82 ****       0.93 ****         Age at first birth       15-19       1.35 ****       1.30 - 1.39       1.30 - 1.39         20-24       1       1       25-29       0.69 ****       0.67 - 0.72         30+       0.49 ****       0.46 - 0.52		1G Turkey	3.10 ***	2.94 - 3.28	2.01 ***	1.89 - 2.13
Sweden         Native         0.71         0.66         0.77         0.88         0.82         0.95           2G Finland         0.72         0.64         0.81         0.84         0.75         0.94           2G For. Yugoslavia         0.57         0.51         0.65         0.68         0.60         0.77           2G Turkey         1.11         0.98         1.25         1.14         1.01         1.29           2G Turkey         0.78         0.77         1.29         1.01         0.61         1.68           Estonia         Image: Constant Speaker         0.28         0.23         0.33         0.26         0.22         0.31           2G Russian Speaker         0.28         0.23         0.33         0.24         0.42		2G Turkey	1.42 ***	1.09 - 1.85	1.10	0.84 - 1.43
Native       0.71 ***       0.60 - 0.77       0.88 ***       0.82 - 0.95         2G Finland       0.72 ***       0.64 - 0.81       0.84 ***       0.75 - 0.94         2G For. Yugoslavia       0.57 ***       0.51 - 0.65       0.66 ***       0.60 - 0.77         2G Turkey       1.11 *       0.98 - 1.25       1.14 ***       1.01 - 1.29         2G Iran       0.78       0.47 - 1.29       1.01       0.61 - 1.68         Estonia         Native       0.79 ***       0.73 - 0.85       0.72 ***       0.67 - 0.78         Id Russian Speaker       0.28 ***       0.27 - 0.47       0.32 ***       0.24 - 0.42         Education level         Unknown         Low       1       1.34 - 1.47         Low       1       0.82 ***       0.79 - 0.85         High       0.82 ***       0.79 - 0.85       0.93         Age at first birth       15-19       1.35 ***       1.30 - 1.39         20-24       1       1.35 ***       1.30 - 1.39         20-24       1       1.25       2.93         30+       0.49 ***       0.46 - 0.52	Sweden	Nedice	0 74 ***	0.66 0.77	0.00 ***	0.02 0.05
2ds Finitality       0.72       0.64       0.61       0.64       0.64       0.64       0.64       0.64       0.64       0.64       0.64       0.64       0.64       0.64       0.64       0.64       0.64       0.64       0.64       0.65       0.66       0.60       0.77       0.61       1.64       0.65       0.68       0.60       0.77       2G Turkey       1.11       1.01       0.98       1.25       1.14       ***       1.01       1.29       2G Iran       0.78       0.47       1.29       1.01       0.61       1.68         Estonia         Imainty 0.79       ***       0.73       0.85       0.72       ***       0.67       0.73       0.85       0.22       0.31       1.68       0.22       0.31       1.26       0.24       0.22       0.31       1.26       0.24       0.42       1.40       1.34 <td></td> <td>Native 26 Finland</td> <td>0.71 ***</td> <td>0.66 - 0.77</td> <td>0.88 ***</td> <td>0.82 - 0.95</td>		Native 26 Finland	0.71 ***	0.66 - 0.77	0.88 ***	0.82 - 0.95
2G Turkey       1.11 *       0.93 *       0.51 *       0.00 * <td></td> <td>2G For Vugoslavia</td> <td>0.72 ***</td> <td>0.64 - 0.61</td> <td>0.64 ***</td> <td>0.75 - 0.94</td>		2G For Vugoslavia	0.72 ***	0.64 - 0.61	0.64 ***	0.75 - 0.94
ZG Iran       0.78       0.47 - 1.29       1.14       0.61 - 1.68         Estonia       Native       0.79 ***       0.73 - 0.85       0.72 ***       0.67 - 0.78         IG Russian Speaker       0.28 ***       0.23 - 0.33       0.26 ***       0.22 - 0.31         ZG Russian Speaker       0.36 ***       0.27 - 0.47       0.32 ***       0.24 - 0.42         Education level       Unknown       1.40 ****       1.34 - 1.47         Low       1       1       1         Medium       0.82 ***       0.28 ***       0.88 ***       0.82 ***         Age at first birth       15-19       1.35 ***       1.30 - 1.39         20-24       1       25-29       0.69 ***       0.67 - 0.72         30+       0.021 ***       0.021 ***       0.49 ***       0.46 - 0.52		2G Turkey	1 11 *	0.98 - 1.25	1 14 **	1.01 - 1.29
Estonia Estonia Native 0.79 *** 0.73 - 0.85 0.72 *** 0.67 - 0.78 16 Russian Speaker 0.28 *** 0.23 - 0.33 0.26 *** 0.22 - 0.31 26 Russian Speaker 0.36 *** 0.27 - 0.47 0.32 *** 0.24 - 0.42 Education level Unknown 1.40 *** 1.34 - 1.47 Low 1 Unknown 1		2G Iran	0.78	0.47 - 1.29	1.14	0.61 - 1.68
Native         0.79 ***         0.73 - 0.85         0.72 ***         0.67 - 0.78           1G Russian Speaker         0.28 ***         0.23 - 0.33         0.26 ***         0.22 - 0.31           2G Russian Speaker         0.36 ***         0.27 - 0.47         0.32 ***         0.24 - 0.42           Education level         Unknown         1.40 ***         1.34 - 1.47           Low         1         1         1           Medium         0.82 ***         0.89 ***         0.85 - 0.93           Age at first birth         15-19         1.35 ***         1.30 - 1.39           20-24         1         1         1           25-29         0.69 ***         0.49 ***         0.46 - 0.52           Conctent         0.49 ***         0.46 - 0.52         0.49 ***	Estonia	20 1011	0.70	0.47 1.25	1.01	0.01 1.00
IG Russian Speaker       0.28 ***       0.23 - 0.33       0.26 ***       0.22 - 0.31         2G Russian Speaker       0.36 ***       0.27 - 0.47       0.32 ***       0.24 - 0.42         Education level       Unknown       1.40 ***       1.34 - 1.47         Low       1       Medium       0.82 ***       0.79 - 0.85         High       0.89 ***       0.89 ***       0.85 - 0.93         Age at first birth       15-19       1.35 ***       1.30 - 1.39         20-24       1       1       1.30 - 1.39         20-24       1       1       1.40 ***       0.69 ***       0.67 - 0.72         30+       0.002 ***       0.002 ***       0.002 ***       0.002 ***       0.002 ***	Estorina	Native	0.79 ***	0.73 - 0.85	0.72 ***	0.67 - 0.78
2G Russian Speaker         0.36 ***         0.27 - 0.47         0.32 ***         0.24 - 0.42           Education level         Unknown         1.40 ***         1.34 - 1.47           Low         1         1           Medium         0.82 ***         0.79 - 0.85           High         0.89 ***         0.85 - 0.93           Age at first birth         15-19         1.35 ***         1.30 - 1.39           20-24         1         25-29         0.69 ***         0.67 - 0.72           30+         0.49 ***         0.46 - 0.52         0.47		1G Russian Speaker	0.28 ***	0.23 - 0.33	0.26 ***	0.22 - 0.31
Education level Unknown Low 1.40 *** 1.34 - 1.47 Low 1 Medium Medium 15-19 20-24 1 25-29 30+ 0.027 *** 0.407 0.40 0.40		2G Russian Speaker	0.36 ***	0.27 - 0.47	0.32 ***	0.24 - 0.42
Unknown         1.40 ***         1.34 - 1.47           Low         1           Medium         0.82 ***         0.79 - 0.85           High         0.82 ***         0.85 - 0.93           Age at first birth         15-19         1.35 ***         1.30 - 1.39           20-24         1         25-29         0.66 ***         0.67 - 0.72           30+         0.49 ***         0.46 - 0.52         0.46         0.57	Education level					
Low         1           Medium         0.82 ***         0.79 - 0.85           High         0.89 ***         0.85 - 0.93           Age at first birth         1         1.30 - 1.39           20-24         1         1           25-29         0.69 ***         0.67 - 0.72           30+         0.49 ***         0.46 - 0.52		Unknown			1.40 ***	1.34 - 1.47
Medium         0.82         ***         0.79 - 0.85           High         0.89         ***         0.85 - 0.93           Age at first birth         15-19         1.35         ***         1.30 - 1.39           20-24         1         1         1         1         1           25-29         0.69         ***         0.46 - 0.52         0.49         ***         0.46 - 0.52		Low			1	
High         0.89         0.85         0.93           Age at first birth         15-19         1.35         1.30         1.39           20-24         1		Medium			0.82 ***	0.79 - 0.85
Age at first birth 15-19 20-24 25-29 30+ 2002 ## 2002 ## 2000 ## 2002		High			0.89 ***	0.85 - 0.93
15-19       1.35 ***       1.30 - 1.39         20-24       1         25-29       0.69 ***       0.67 - 0.72         30+       0.49 ***       0.46 - 0.52	Age at first birth					
20-24         1           25-29         0.69 ***         0.67 - 0.72           30+         0.49 ***         0.46 - 0.52		15-19			1.35 ***	1.30 - 1.39
25-29         0.69 ***         0.67 - 0.72           30+         0.49 ***         0.46 - 0.52		20-24			1	
30+ 0.49 *** 0.46 - 0.52		25-29			0.69 ***	0.67 - 0.72
		30+			0.49 ***	0.46 - 0.52
	Constant		0.007 ***	0.007 0.007	0.000 ***	0.000 0.010

## Table 5: Relative risks of third birth

Significance level: \*\*\* = p-value < 0.01, \*\* = p-value < 0.05, \* = p-value < 0.1 Model 1 controlls for cohort and years since second birth Model 2 controlls additionally for education and age at first birth



Figure 3: Relative risks of third birth (all countries with UK natives as reference category)

Model 1 = controlled for cohort and years since second birth Model 2 = controlled additionally for education and age at first birth

## Appendix

Table A1: Relative risks of second birth, with and without weight	3
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Variable         Category         R         Sign         95% Conf. Int.         R         Sign         95% Conf. Int.           Country and Migrant group         United Kingdom         Native         1         1         1           IG Europe & West         0.5         0.84 - 1.06         0.66         0.83 - 1.11           26 Europe & West         0.95         0.84 - 1.04         0.08 - 1.03         0.88 - 1.24           20 India         1.01         0.89 - 1.34         1.18         0.06 - 1.38         1.24           26 Granteean         0.53         0.52 - 0.77         0.62         0.50 - 0.73         1.26           26 Granteean         0.53         0.52 - 0.77         0.62         0.64 - 0.68         0.64           France         Native         0.77         0.73 - 0.81         0.75 ***         1.14         1.42           26 Garntean Africa         0.86         0.83 - 0.83         0.83         0.87 ***         0.67 - 0.84           16 Sub-Shatran Africa         0.76 ****         0.64 - 0.91         0.77 ***         1.77 ***         1.14         1.42           26 Southerm Europe         0.37 ***         0.65 ***         0.65 ***         0.65 ***         0.65 ***         0.65 ***         0.65 ***         0				Model 2,	no weights	Model 2	Model 2 weights		
Country and Migrant group         United Kingdom         Native         1         1           1 G Europe & West         0.95         0.84 - 1.06         0.95           26 Europe & West         0.99 **         0.89         0.88         0.78         1.00           16 India         1.01         0.89 **         0.89         0.89         0.88         0.78         1.02           16 India         1.15         0.99 **         1.38         1.00         1.38         1.64         1.52         ***         1.32         1.74         4.62         2.53         1.66         0.55         ***         0.52         ***         0.90         0.82         ***         0.90         0.73         0.81         0.75         ***         0.46         0.68           26 Carribean         0.63         ***         0.25         0.81         0.75         ***         1.44         4.22         2.62         0.67         0.84         1.63         0.81         0.75         ***         1.44         4.22         2.63         0.67         0.64         0.91         0.67         0.84         0.65         0.65         0.65         0.65         0.65         0.65         0.65         0.65         0.65         0.65	Variable		Category	RR Sign.	95% Conf. Int.	RR Sign.	95% Conf. Int.		
County and Context angle of the set of the	Country and	United Kingdom							
Information group         Information group         Information group         Information group           Information group         Information group         0.84         1.06         0.36         0.83         0.11           Information group         Information group         0.89         0.88         0.78         1.00           Information group         Information group         0.89         1.34         1.18         1.00         1.38           Information group         Information group         1.38         1.64         1.12         1.32         1.74           Information group         Information group         1.38         1.64         1.12         1.32         1.74           Information group         Information group         Information group         1.38         1.64         1.12         1.32         1.74           Information group	Migrant group	Onited Kingdom	Nativo	1		1			
26 Europe & West         0.25         0.05         0.05         0.05         0.075         1.00           16 India         1.01         0.89         1.14         1.03         0.85         1.24           16 India         1.50         ***         1.33         1.18         1.00         1.38           16 Pakistan & Bangladesh         1.50         ***         1.32         1.14         1.00         0.85         1.24           26 Pakistan & Bangladesh         1.50         ***         1.32         1.16         1.22         ***         1.32         1.14         1.00         1.35         1.27         ***         1.32         1.74         0.67         0.84         0.52         0.77         0.62         0.66         0.68         0.72         1.26         1.59         1.26         1.59         1.26         1.59         1.26 <td< td=""><td>Wilgrant group</td><td></td><td>1G Europe &amp; West</td><td>0.95</td><td>0.84 - 1.06</td><td>0.96</td><td>0.83 - 1.11</td></td<>	Wilgrant group		1G Europe & West	0.95	0.84 - 1.06	0.96	0.83 - 1.11		
Is india         100         100         0.00         0.00         0.00         0.00         1.14         1.00         0.88         1.24           20 india         1.15         0.99         1.34         1.18         1.00         1.38         1.34         1.26         1.32         1.32         1.32         1.32         1.32         1.32         1.32         1.32         1.32         1.35         1.32         1.35         1.32         1.35         1.32         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.35         1.36         1.35         1.36         1.36         1.35         1.36			26 Europe & West	0.89 **	0.80 - 0.98	0.88 **	0.78 - 1.00		
26 India         1.15         0.99         1.34         1.18         1.00         1.38           16 Pakistan & Bangladesh         1.50         1.38         1.64         1.52         1.32         1.74           26 India         0.63         0.53         0.52         0.77         0.66         0.62         0.63         0.51         0.63         0.51         0.63         0.55         0.67         0.64         0.91         0.78         0.63         0.55         0.67         0.64         0.91         0.78         0.63         0.55         0.67         0.66         0.72         0.66         0.72         0.65         0.72         0.72         0.72         0.65         0.72         0.72         0.77 <td< td=""><td></td><td></td><td>16 India</td><td>1.01</td><td>0.89 - 1.14</td><td>1.03</td><td>0.85 - 1.24</td></td<>			16 India	1.01	0.89 - 1.14	1.03	0.85 - 1.24		
IG Pakistan & Bangladesh         1.50         1.38         1.64         1.52         1.32         1.74           2G Pakistan & Bangladesh         1.79         1.33         2.01         1.85         1.46         2.35           G Carribean         0.63         0.52         0.77         0.62         0.50         0.78           ZG Carribean         0.55         0.47         0.66         0.55         0.46         0.88           France         Native         0.77         0.73         0.81         0.75         0.67         0.44           IG Maghreb         1.28         1.21         1.31         0.75         0.67         0.44           IG Maghreb         0.29         0.44         0.05         0.89         0.81         0.38         0.33         0.87         0.79         0.95         0.65         0.67         0.78         0.63         0.95         1.65         0.55         0.79         0.63         0.95         1.65         0.67         0.65         0.79         0.63         0.79         0.65         0.79         0.65         0.70         0.65         0.70         0.76         0.70         0.76         0.70         0.76         0.77         0.57         0.78			2G India	1.15 *	0.99 - 1.34	1.18 **	1.00 - 1.38		
26 Pakistan & Bangladesh         1.79         1.53         2.10         1.85         1.46         2.35           16 Carribean         0.63         0.52         0.77         0.62         0.55         0.46         0.85           France         Native         0.77         0.73         0.81         0.75         0.67         0.84           16 Maghreb         1.28         1.22         1.35         1.27         1.14         1.42           26 Maghreb         0.28         0.83         0.83         0.83         0.87         0.79         0.66           26 Sub-Saharan Africa         0.88         0.83         0.93         0.87         0.66         0.95         0.66         0.77         0.76         0.64         0.91         0.76         0.66         0.77         0.76         0.66         0.77         0.76         0.66         0.77         0.76         0.66         0.77         0.66         0.77         0.66         0.77         0.76         0.77         0.76         0.77         0.77         0.77         0.77         0.77         0.77         0.77         0.77         0.77         0.77         0.77         0.77         0.77         0.77         0.77         0.77         <			1G Pakistan & Bangladesh	1.50 ***	1.38 - 1.64	1.52 ***	1.32 - 1.74		
16 Carribean         0.63         0.52         0.77         0.62         0.50         0.78           20 Carribean         0.63         0.47         0.65         0.55         0.46         0.88           France         Native         0.77         0.73         0.81         0.75         0.67         0.84         0.85           IG Maghreb         1.28         1.22         1.35         1.27         1.14         1.42           26 Maghreb         0.88         0.84         0.95         0.89         0.81         0.89           16 Sub-Saharan Africa         0.76         0.64         0.91         0.78         0.63         0.95           16 Turkey         1.06         0.90         1.24         1.07         0.99         1.28           26 Sub-Saharan Africa         0.76         0.76         0.77         0.66         0.70         0.63         0.73           26 Turkey         1.06         0.83         0.66         0.76         0.77         0.65         0.79         0.77         0.78         0.63         0.79         0.77         0.76         0.74         0.65         0.67         0.59         0.79         0.79         1.77         0.64         0.79			2G Pakistan & Bangladesh	1.79 ***	1.53 - 2.10	1.85 ***	1.46 - 2.35		
Prance         Vartive         0.75 ***         0.47 · 0.66         0.56 ***         0.46 · 0.68           IG Maghreb         1.28 ***         1.22 · 1.33         1.27 ***         1.14 · 1.42           2G Maghreb         0.88 ***         0.83 · 0.93         0.89 ***         0.81 · 0.98           1G Sub-Saharan Africa         0.76 ***         0.64 · 0.91         0.78 ***         0.63 · 0.57           2G Sub-Saharan Africa         0.76 ***         0.64 · 0.91         0.78 ***         0.63 · 0.57           2G Turkey         1.06         0.90 · 1.24         1.07 · 0.90 · 1.28         1.06 · 0.90 · 1.24         1.07 · 0.90 · 1.28           2G Southern Europe         0.73 ***         0.63 · 0.67 · 0.70 · 0.76         0.71 · 0.66 ***         0.63 · 0.78           2G Turkey         0.92 ***         0.87 · 0.98         0.92 · 0.79 · 1.07         0.56 ***           2G Turkey         0.61 ***         0.51 · 0.73 · 0.73 · 0.70 · 0.76         0.71 · 0.70 · 0.76         0.71 · 0.70 · 0.76           2G Turkey         0.61 ***         0.55 · 0.65 · 0.			1G Carribean	0.63 ***	0.52 - 0.77	0.62 ***	0.50 - 0.78		
France         Native         0.77 ***         0.73 - 0.81         0.75 ***         0.67 - 0.94           16 Maghreb         1.28 ***         1.22 - 1.35         1.27 ***         1.14 - 1.42           26 Maghreb         0.89 ***         0.84 - 0.95         0.89 ***         0.81 - 0.95           16 Sub-Saharan Africa         0.76 ***         0.64 - 0.91         0.78 **         0.63 - 0.95           26 Sub-Saharan Africa         0.76 ***         0.64 - 0.91         0.78 **         0.63 - 0.72           26 Turkey         1.06         0.99 - 1.24         1.07 - 0.90 - 1.28         0.63 - 0.72           26 Southern Europe         0.73 ***         0.69 - 0.76         0.70 ***         0.63 - 0.72           26 Southern Europe         0.65 ***         0.63 - 0.72         0.65 ***         0.83 - 0.72           26 Turkey         0.92 ***         0.87 - 0.73         0.61 ***         0.88 **         0.70 ***         0.84 * 0.73           26 Turkey         0.92 ***         0.85 ***         0.85 ***         0.85 ***         0.84 * 0.72           26 Turkey         0.67 ****         0.65 ***         0.65 ****         0.85 ***         0.71 ****         0.64 * 0.79           26 Turkey         0.73 ****         0.70 ****         0.65 ****         0.85			2G Carribean	0.56 ***	0.47 - 0.66	0.56 ***	0.46 - 0.68		
Native         0.77         0.73         0.81         0.75         0.67         0.84           1G Maghreb         1.28         1.22         1.13         1.17         1.14         1.42           2G Maghreb         0.89         0.88         0.93         0.87         0.79         0.96           2G Sub-Saharan Africa         0.76         0.64         0.93         0.77         0.63         0.95           2G Sub-Saharan Africa         0.76         0.64         0.91         0.78         0.63         0.97           2G Turkey         1.06         0.90         1.24         1.07         0.90         1.28           1G Southern Europe         0.65         0.76         0.70         0.63         0.78           2G Southern Europe         0.65         0.69         0.76         0.70         0.65         0.60         0.73           2G Turkey         0.92         0.87         0.98         0.92         0.79         1.07           2G Turkey         0.92         0.87         0.78         0.65         0.65         0.65         0.61         0.55         0.65         0.61         0.55         0.67         0.65         0.61         0.55         0.67         1		France							
16 Maghreb       1.28 ***       1.22 - 1.35       1.27 ***       1.14 - 1.42         26 Maghreb       0.89 ***       0.84 - 0.95       0.89 ***       0.81 - 0.98         16 Sub-Saharan Africa       0.76 ***       0.64 - 0.91       0.77 ***       0.63 - 0.55         26 Sub-Saharan Africa       0.76 ****       0.64 - 0.91       0.77 ***       0.63 - 0.55         26 Turkey       1.06       0.90 - 1.24       1.42 ****       1.26 - 1.59         26 Turkey       1.06       0.90 - 0.76       0.70 ****       0.63 - 0.78         26 Southern Europe       0.73 ****       0.69 - 0.76       0.70 ****       0.65 ****         26 Southern Europe       0.68 ****       0.67 -       0.65 ****       0.58 - 0.72         26 Turkey       0.61 ****       0.51 - 0.73       0.61 ****       0.58 - 0.72         26 Turkey       0.61 ****       0.51 - 0.73       0.61 ****       0.58 - 0.74         15 Turkey       0.73 ****       0.76 - 0.75       0.71 ***       0.64 - 0.79         26 Turkey       0.61 ****       0.55 - 0.69       0.55 ***       0.58 - 0.74         15 Taly       0.74 ****       0.51 - 0.73       0.61 ****       0.57 ***         26 Turkey       0.73 *****       0.70 - 0.75			Native	0.77 ***	0.73 - 0.81	0.75 ***	0.67 - 0.84		
26 Maghreb         0.89 ***         0.84 - 0.95         0.89 ***         0.81 - 0.98           16 Sub-Saharan Africa         0.76 ****         0.64 - 0.91         0.78 ***         0.79 - 0.96           26 Sub-Saharan Africa         0.76 ****         0.64 - 0.91         0.78 ***         0.79 - 0.96           26 Sub-Saharan Africa         0.76 ****         0.64 - 0.91         0.77 ***         0.63 - 0.95           16 Southern Europe         0.73 ***         0.69 - 0.76         0.70 ***         0.66 ***         0.69 - 0.73           26 Southern Europe         0.68 ***         0.61 - 0.71         0.66 ***         0.66 ***         0.67           26 Southern Europe         0.63 ***         0.63 - 0.67         0.65 ***         0.58 - 0.72           16 Turkey         0.92 ****         0.87 ***         0.58 ***         0.88 **           16 Turkey         0.92 ****         0.87 ***         0.58 ***         0.88 **           16 Talay         0.73 ****         0.70 ***         0.56 ****         0.58 ***         0.89           26 Talay         0.73 ****         0.70 ****         0.56 ****         0.57 ***         0.56 ****         0.57 ***         0.57 ***         0.57 ***         0.58 ***         0.89         0.76 ****         0.56 ****         0.57 *			1G Maghreb	1.28 ***	1.22 - 1.35	1.27 ***	1.14 - 1.42		
IG Sub-Saharan Africa       0.88       0.83       0.93       0.87       0.79       0.96         ZG Sub-Saharan Africa       0.76       0.64       0.91       0.78       0.63       0.55         IG Turkey       1.06       0.90       1.24       1.07       0.90       1.28         IG Southern Europe       0.73       0.69       0.76       0.70       0.63       0.87         ZG Southern Europe       0.73       0.69       0.76       0.70       0.63       0.87         ZG Turkey       0.66       0.66       0.67       0.65       0.68       0.66       0.66       0.66       0.66       0.66       0.66       0.66       0.66       0.66       0.73       0.61       0.73       0.61       0.73       0.61       0.73       0.61       0.66       0.71       0.68       0.79       0.92       0.79       1.07       2.67       0.61       0.61       0.55       0.69       0.74       0.78       0.72       1.07       2.61       1.01       0.61       0.71       0.64       0.79       0.72       1.07       2.61       1.01       1.34       1.12       1.46       2.65       0.65       0.61       0.55       0.69       0.71 <td></td> <td></td> <td>2G Maghreb</td> <td>0.89 ***</td> <td>0.84 - 0.95</td> <td>0.89 **</td> <td>0.81 - 0.98</td>			2G Maghreb	0.89 ***	0.84 - 0.95	0.89 **	0.81 - 0.98		
26 Sub-Saharan Africa         0.76***         0.64 - 0.91         0.78**         0.63 - 0.95           16 Turkey         1.42***         1.32         1.42****         1.32         1.42****         1.32         1.42****         1.32         1.42****         1.32         1.42****         1.32         1.42*****         1.26         1.35         1.65         0.50         0.70****         0.63         0.73***         0.69         0.76         0.70****         0.63         0.73         0.66         ***         0.66         ***         0.66         ***         0.66         ***         0.66         ***         0.66         ***         0.65         ***         0.65         ***         0.51         0.70         0.70         0.76         0.71         ***         0.83         0.72         1.67         0.65         1.67         0.66         ***         0.58         0.74         1.61         1.61         1.72         1.44         0.73         ***         0.70         0.76         0.71         ***         0.55         0.69         0.65         ***         0.57         0.69         0.55         0.69         0.57         ***         0.51         0.74         ***         0.55         0.69         0.57         ***			1G Sub-Saharan Africa	0.88 ***	0.83 - 0.93	0.87 ***	0.79 - 0.96		
IG Turkey         1.42 ***         1.32 - 1.52         1.42 ***         1.26 - 1.59           IG Southern Europe         0.63         0.07         1.07         0.90         -1.28           IG Southern Europe         0.68 ***         0.69         0.76         0.70 ****         0.66         0.70 ****         0.66         0.70 ****         0.66         0.70 ****         0.66         0.70 ****         0.66         0.70 ****         0.66         0.70 ****         0.66         0.70 ****         0.66         ****         0.66         ****         0.66         ****         0.66         ****         0.65         ****         0.58 * 0.72         0.65         1.71         0.66         ****         0.58 * 0.72         0.73         1.71         0.66         ****         0.58 * 0.74         0.73         1.72         0.74         0.75         0.72         0.73         0.74         0.74         0.65         0.65         0.61 ***         0.58 * 0.74         0.74         0.74         0.74         0.74         0.65         0.69         0.65         0.61 ***         0.58         0.74         0.74         0.61         0.72         0.75         0.67         0.69         0.74         0.74         0.74         0.74         0.74         0			2G Sub-Saharan Africa	0.76 ***	0.64 - 0.91	0.78 **	0.63 - 0.95		
26 Turkey         1.06         0.90 - 1.24         1.07         0.90 - 1.28           16 Southern Europe         0.73 ****         0.68 • 0.76         0.70 ****         0.63 • 0.73           26 Southern Europe         0.68 ****         0.63 • 0.67         0.66 ****         0.60 • 0.73           Germany         Native         0.65 ****         0.63 • 0.67         0.65 ****         0.58 • 0.72           16 Turkey         0.92 ****         0.87 • 0.98         0.92         0.79 • 1.07           26 Turkey         0.61 ***         0.51 • 0.73         0.61 ***         0.48 • 0.73           Belgium         Native         0.67 ***         0.65 • 0.69         0.65 ***         0.58 • 0.74           16 Italy         0.73 ****         0.70 • 0.76         0.71 ***         0.64 • 0.73           26 Italy         0.61 ****         0.55 • 0.69         0.65 ****         0.58 • 0.74           16 Morocco         1.34 ****         1.22 • 1.40         1.34 ****         1.22 • 1.46           26 Morocco         0.88 ****         0.82 • 0.94         0.88 • 0.74 • 0.61 • 0.90           26 Turkey         0.73 •***         0.64 • 0.83         0.74 •***         0.61 • 0.90           26 GrunAug         0.88 ****         0.82 • 0.94         0.88 •***			1G Turkey	1.42 ***	1.32 - 1.52	1.42 ***	1.26 - 1.59		
Is Southern Europe 26 Southern Europe         0.73         0.69         0.76         0.70         0.63         0.73           Germany         Native         0.65         0.63         0.63         0.65         0.65         0.65         0.73           Mative         0.65         0.63         0.67         0.65         0.73         0.73           Belgium         0.61         0.73         0.73         0.73         0.61         0.73           Belgium         Native         0.67         0.65         0.69         0.65         0.74           G Tarkey         0.73         0.74         0.65         0.61         0.74         0.64         0.79           Belgium         Native         0.67         0.67         0.65         0.61         0.74         0.64         0.79           2 G Tarkey         0.73         0.61         0.55         0.61         0.55         0.61         0.71         0.74           2 G Morocco         1.34         1.29         1.40         1.34         1.25         1.13         1.39           2 G Tarkey         0.73         0.64         0.83         0.74         0.61         0.90           2 G Tarkey         0.88			2G Turkey	1.06	0.90 - 1.24	1.07	0.90 - 1.28		
2G Southern Europe         0.68         0.64         0.71         0.66         0.60         0.73           Germany         Native         0.65         0.63         0.67         0.65         0.72           IG Turkey         0.92         0.92         0.79         1.07           2G Turkey         0.61         0.51         0.73         0.61         0.68         0.74           Belgium         Native         0.67         0.65         0.69         0.58         0.74           IG Taly         0.73         0.70         0.76         0.71         0.64         0.79           2G Taly         0.73         0.70         0.76         0.71         0.64         0.79           2G Taly         0.73         0.70         0.76         0.71         0.64         0.79           2G Tarkey         0.73         0.70         0.76         0.71         0.58         0.74           2G Turkey         0.73         0.70         0.76         0.71         0.58         0.72           2G Turkey         0.73         0.79         0.80         0.79         0.75         1.07           3G Turkey         0.73         0.73         0.54         0.83			1G Southern Europe	0.73 ***	0.69 - 0.76	0.70 ***	0.63 - 0.78		
Germany         Native         0.65 ***         0.63 · 0.67         0.65 ***         0.58 · 0.72           IG Turkey         0.92 ***         0.87 · 0.98         0.92         0.79 · 1.07           2G Turkey         0.61 ***         0.51 · 0.73         0.61 ***         0.78 · 0.78           Belgium         Native         0.67 ***         0.65 · 0.69         0.65 ***         0.58 · 0.74           IG Italy         0.73 ***         0.70 · 0.76         0.71 ***         0.64 · 0.79           2G Italy         0.61 ***         0.56 · 0.65         0.61 ***         0.55 · 0.69           IG Morocco         1.34 ***         1.29 · 1.40         1.34 ***         1.22 · 1.46           2G Morocco         0.88 **         0.79 · 0.98         0.90         0.76 · 1.07           IG Turkey         1.26 · 1.21         1.21 · 1.31 · 1.39         1.25 ·**         1.13 · 1.39           2G Turkey         0.73 ***         0.64 · 0.83         0.74 ·**         0.61 · 0.90           Sweden         Native         0.88 ****         0.78 · 0.92         0.86 **         0.71 · 0.20           2G Finland         0.88 ****         0.80 · 0.91         0.86 **         0.74 · 0.99           2G Turkey         0.85 ****         0.87 · 0.55         0			2G Southern Europe	0.68 ***	0.64 - 0.71	0.66 ***	0.60 - 0.73		
Native         0.65         0.63         0.67         0.65         0.58         0.72           1G Turkey         0.92         0.87         0.87         0.89         0.92         0.79         1.07           2G Turkey         0.61         0.51         0.73         0.61         0.48         0.78           Belgium         Native         0.67         0.65         0.69         0.65         0.65         0.69         0.65         0.64         0.79         1.74           1G Italy         0.61         0.77         0.70         0.70         0.71         0.64         0.75         0.69         0.65         0.69         0.65         0.69         0.65         0.69         0.65         0.69         0.65         0.69         0.65         0.69         0.67         0.64         0.79         0.58         0.69         0.57         0.64         0.79         0.58         0.69         0.76         1.07         1.31         1.32         1.31         1.39         0.56         0.61         0.79         0.58         0.73         0.61         0.50         0.61         0.70         1.61         0.74         0.59         0.56         1.07         0.56         0.57         0.57		Germany							
1G Turkey         0.92         0.87         0.98         0.92         0.79         1.07           2G Turkey         0.61         0.51         0.73         0.61         0.48         0.78           Belgium         Native         0.67         0.65         0.65         0.65         0.64         0.79           1G Italy         0.73         0.70         0.76         0.71         0.64         0.79           2G Italy         0.61         0.55         0.65         0.61         0.64         0.79           2G Morocco         0.88         0.79         0.90         0.76         1.07         1.07           1G Turkey         1.26         1.20         1.31         1.25         1.13         1.39           2G Morocco         0.88         0.79         0.90         0.76         1.07           1G Turkey         1.26         1.20         1.31         1.25         1.13         1.39           2G Turkey         0.73         0.64         0.83         0.74         0.90         0.74         0.90           2G Turkey         0.73         0.65         0.92         0.85         0.74         0.99           2G For. Yugoslavia         0.85 <td></td> <td></td> <td>Native</td> <td>0.65 ***</td> <td>0.63 - 0.67</td> <td>0.65 ***</td> <td>0.58 - 0.72</td>			Native	0.65 ***	0.63 - 0.67	0.65 ***	0.58 - 0.72		
2G Turkey         0.61 ***         0.51 - 0.73         0.61 ***         0.48 - 0.78           Belgium			1G Turkey	0.92 ***	0.87 - 0.98	0.92	0.79 - 1.07		
Belgium           Native         0.67****         0.65         0.65         0.58         0.74           1G Italy         0.73****         0.70         0.76         0.71****         0.64         0.79           2G Italy         0.61****         0.56         0.65         0.61****         0.55         0.69           1G Morocco         1.34****         1.29         1.40         1.34****         1.22         1.46           2G Morocco         0.88***         0.79         0.98         0.90         0.76         1.07           1G Turkey         1.26         73***         0.64         0.83         0.90         0.76         1.090           2G Turkey         1.00         0.96         1.05         1.02         0.86         1.090           2G Finland         0.88         0.82         0.94         0.88         0.73         1.05           2G For. Yugoslavia         0.85         88         0.82         0.94         0.86         0.74         0.99           2G Turkey         0.85         85***         0.78         0.92         0.85         0.70         1.02           2G Turkey         0.54         0.55         0.51         0.56			2G Turkey	0.61 ***	0.51 - 0.73	0.61 ***	0.48 - 0.78		
Native       0.67***       0.65       0.69       0.65***       0.58       0.74         1G Italy       0.73***       0.70       0.76       0.71***       0.64       0.79         2G Italy       0.61****       0.56       0.65       0.61****       0.55       0.69         1G Morocco       1.34****       1.29       1.40       1.34****       1.22       1.46         2G Morocco       0.88***       0.79       0.98       0.90       0.76       1.07         1G Turkey       1.26***       1.20       1.31       1.25***       1.13       1.39         2G Turkey       0.73***       0.64       0.83       0.74***       0.61       0.90         Sweden       Native       1.00       0.96       1.05       1.02       0.86       1.21         2G Finland       0.88***       0.82       0.91       0.86**       0.74       0.99         2G Turkey       0.85***       0.78       0.92       0.85*       0.70       1.02       0.86       1.30       0.31       1.34       1.35       1.34       1.35       1.35       0.36       0.45       0.61       0.51       0.56       0.52****       0.74       0.99       0		Belgium							
1G (taly       0.73 ***       0.70 - 0.76       0.71 ***       0.64 - 0.79         2G (taly       0.61 ****       0.56 - 0.65       0.61 ****       0.55 - 0.69         1G Morocco       1.34 ****       1.29 - 1.40       1.34 ****       1.22 - 1.46         2G Morocco       0.88 **       0.79 - 0.98       0.90       0.76 - 1.07         1G Turkey       1.26 ***       1.20 - 1.31       1.25 ***       1.13 - 1.39         2G Turkey       0.73 ***       0.64 - 0.83       0.74 ***       0.61 - 0.90         Sweden       Native       1.00       0.96 - 1.05       1.02       0.86 *1.21         2G Finland       0.88 ***       0.82 - 0.94       0.88       0.73 - 1.05         2G For. Yugoslavia       0.85 ***       0.80 - 0.91       0.86 **       0.74 - 0.99         2G Turkey       0.85 ***       0.78 - 0.92       0.85 **       0.70 - 1.02         2G Turkey       0.85 ***       0.78 - 0.92       0.85 **       0.70 - 1.02         2G Iran       1.01       0.77 - 1.33       1.04       0.80 - 1.31         1G EU, US, Canada       0.41 ***       0.38 - 0.45       0.40 ***       0.37 - 0.58         1G EU, US, Canada       0.41 ***       0.38 - 0.45       0.40 *** <td< td=""><td></td><td></td><td>Native</td><td>0.67 ***</td><td>0.65 - 0.69</td><td>0.65 ***</td><td>0.58 - 0.74</td></td<>			Native	0.67 ***	0.65 - 0.69	0.65 ***	0.58 - 0.74		
26 Italy       0.61 ****       0.56 - 0.65       0.61 ****       0.55 - 0.69         1G Morocco       1.34 ****       1.29 - 1.40       1.34 ****       1.22 - 1.46         2G Morocco       0.88 **       0.79 - 0.98       0.90       0.76 - 1.07         1G Turkey       1.26 ****       1.20 - 1.31       1.25 ****       0.61 - 0.90         2G Turkey       0.73 ***       0.64 - 0.83       0.74 ****       0.61 - 0.90         Sweden       Native       1.00       0.96 - 1.05       1.02       0.86 - 1.21         2G Finland       0.88 ***       0.82 - 0.94       0.88       0.73 - 1.05         2G For. Yugoslavia       0.85 ***       0.80 - 0.91       0.86 **       0.74 - 0.99         2G Turkey       0.85 ***       0.80 - 0.91       0.86 **       0.74 - 0.99         2G Turkey       0.85 ***       0.80 - 0.91       0.86 **       0.74 - 0.99         2G Iran       1.01       0.77 - 1.33       1.04       0.80 - 1.36         Spain       Native       0.54 ***       0.51 - 0.56       0.52 ***       0.45 - 0.61         1G EU, US, Canada       0.41 ***       0.38 - 0.45       0.40 ***       0.36 - 0.46         1.5G EU, US, Canada       0.41 ***       0.54 - 0.92 <t< td=""><td></td><td></td><td>1G Italy</td><td>0.73 ***</td><td>0.70 - 0.76</td><td>0.71 ***</td><td>0.64 - 0.79</td></t<>			1G Italy	0.73 ***	0.70 - 0.76	0.71 ***	0.64 - 0.79		
1G Morocco       1.34 ***       1.29 - 1.40       1.34 ***       1.22 - 1.46         2G Morocco       0.88 **       0.79 - 0.98       0.90       0.76 - 1.07         1G Turkey       0.26 ***       1.20 - 1.31       1.25 ***       1.13 - 0.90         Sweden       0.73 ***       0.64 - 0.83       0.74 ***       0.61 - 0.90         Sweden       1.00       0.96 - 1.05       1.02       0.86 - 1.21         2G Finland       0.88 ***       0.82 - 0.94       0.88       0.73 - 1.05         2G For. Yugoslavia       0.85 ***       0.80 - 0.91       0.86 **       0.74 - 0.99         2G Turkey       0.85 ***       0.78 - 0.92       0.85 **       0.70 - 1.02         2G Iran       1.01       0.77 - 1.33       1.04       0.80 - 1.36         Spain       101       0.77 - 1.33       1.04       0.86 - 1.21         1G EU, US, Canada       0.41 ***       0.38 - 0.45       0.40 ***       0.36 - 0.46         1.5G EU, US, Canada       0.41 ***       0.38 - 0.45       0.40 ***       0.36 - 0.46         1.5G EU, US, Canada       0.47 ***       0.60 - 0.75       0.67 ***       0.57 - 0.57         1.6 Maghreb       0.71 ***       0.54 - 0.92       0.69 ***       0.54 - 0.88 </td <td></td> <td></td> <td>2G Italy</td> <td>0.61 ***</td> <td>0.56 - 0.65</td> <td>0.61 ***</td> <td>0.55 - 0.69</td>			2G Italy	0.61 ***	0.56 - 0.65	0.61 ***	0.55 - 0.69		
2G Morocco       0.88 **       0.79 - 0.98       0.90       0.76 - 1.07         1G Turkey       1.26 ***       1.20 - 1.31       1.25 ***       1.13 - 1.39         2G Turkey       0.73 ***       0.64 - 0.83       0.74 ***       0.61 - 0.90         Sweden       Native       1.00       0.96 - 1.05       1.02       0.86 - 1.21         2G Finland       0.88 ***       0.82 - 0.94       0.88       0.73 - 1.05         2G For. Yugoslavia       0.85 ***       0.78 - 0.92       0.85 **       0.70 - 1.02         2G Turkey       0.85 ***       0.78 - 0.92       0.85 **       0.70 - 1.02         2G Iran       1.01       0.77 - 1.33       1.04       0.80 - 1.36         Spain       Native       0.54 ***       0.51 - 0.56       0.52 ***       0.45 - 0.61         1G EU, US, Canada       0.41 ***       0.38 - 0.45       0.40 ***       0.36 - 0.46         1.5G EU, US, Canada       0.47 ***       0.41 - 0.54       0.46 ***       0.37 - 0.58         1G Maghreb       0.67 ***       0.60 - 0.75       0.67 ***       0.57 - 0.79         1.5G Maghreb       0.71 ***       0.54 - 0.92       0.69 ***       0.54 - 0.88         1G Latin America       0.44 ***       0.41 - 0.47			1G Morocco	1.34 ***	1.29 - 1.40	1.34 ***	1.22 - 1.46		
1G Turkey       1.26 ***       1.20 - 1.31       1.25 ***       1.13 - 1.39         2G Turkey       0.73 ***       0.64 - 0.83       0.74 ***       0.61 - 0.90         Sweden       Native       1.00       0.96 - 1.05       1.02       0.86 - 1.21         2G Finland       0.88 ***       0.82 - 0.94       0.88       0.73 - 1.05         2G For. Yugoslavia       0.85 ***       0.80 - 0.91       0.86 **       0.74 - 0.99         2G Turkey       0.85 ***       0.78 - 0.92       0.85 **       0.70 - 1.02         2G Iran       1.01       0.77 - 1.33       1.04       0.80 - 1.36         Spain       Native       0.54 ***       0.51 - 0.56       0.52 ***       0.45 - 0.61         1G EU, US, Canada       0.41 ***       0.38 - 0.45       0.46 ***       0.37 - 0.58         1G Maghreb       0.67 ***       0.60 - 0.75       0.67 ***       0.57 - 0.79         1.5G Maghreb       0.71 ***       0.54 - 0.92       0.69 ***       0.39 - 0.49         1.5G Jatin America       0.44 ***       0.41 - 0.47       0.43 ***       0.39 - 0.49         1.5G Latin America       0.46 ***       0.37 - 0.57       0.57 ***       0.54 - 0.82         1.5G Latin America       0.46 ***       0.37 -			2G Morocco	0.88 **	0.79 - 0.98	0.90	0.76 - 1.07		
2G Turkey         0.73 ***         0.64 - 0.83         0.74 ***         0.61 - 0.90           Sweden         Native         1.00         0.96 - 1.05         1.02         0.86 - 1.21           2G Finland         0.88 ***         0.82 - 0.94         0.88         0.73 + 1.05           2G For. Yugoslavia         0.85 ***         0.80 - 0.91         0.86 **         0.74 - 0.99           2G Turkey         0.85 ***         0.78 - 0.92         0.85 **         0.70 - 1.02           2G Iran         1.01         0.77 - 1.33         1.04         0.80 - 1.36           Spain         Native         0.54 ****         0.51 - 0.56         0.52 ***         0.45 - 0.61           1G EU, US, Canada         0.41 ***         0.38 - 0.45         0.46 ***         0.37 - 0.58           1G Maghreb         0.67 ***         0.60 - 0.75         0.67 ***         0.57 - 0.79           1.5G Maghreb         0.71 ***         0.54 - 0.92         0.69 ***         0.39 - 0.49           1.5G Latin America         0.44 ***         0.41 - 0.47         0.43 ***         0.39 - 0.49           1.5G Latin America         0.46 ***         0.37 - 0.57         0.55 ***         0.37 - 0.56           Estonia         Native         0.55 ***         0.53 - 0.57			1G Turkey	1.26 ***	1.20 - 1.31	1.25 ***	1.13 - 1.39		
Sweden         Native         1.00         0.96 - 1.05         1.02         0.86 - 1.21           2G Finland         0.88 ***         0.82 - 0.94         0.88         0.73 - 1.05           2G For. Yugoslavia         0.85 ***         0.80 - 0.91         0.86 **         0.74 - 0.99           2G Turkey         0.85 ***         0.78 - 0.92         0.85 *         0.70 - 1.02           2G Iran         1.01         0.77 - 1.33         1.04         0.80 - 1.36           Spain         Native         0.54 ***         0.51 - 0.56         0.52 ***         0.46 ***         0.37 - 0.58           Mative         0.54 ***         0.51 - 0.56         0.52 ***         0.46 ***         0.37 - 0.58           IG Bughreb         0.67 ***         0.60 - 0.75         0.67 ***         0.57 - 0.79           1.5G Maghreb         0.71 ***         0.54 - 0.92         0.69 ***         0.54 - 0.88           IG Latin America         0.44 ***         0.41 - 0.47         0.43 ***         0.39 - 0.49           1.5G Latin America         0.46 ***         0.37 - 0.57         0.55 ***         0.50 - 0.61           IG Russian Speaker         0.30 ***         0.35 - 0.57         0.55 ***         0.50 - 0.61           IG Russian Speaker         0.30 *** <td></td> <td></td> <td>2G Turkey</td> <td>0.73 ***</td> <td>0.64 - 0.83</td> <td>0.74 ***</td> <td>0.61 - 0.90</td>			2G Turkey	0.73 ***	0.64 - 0.83	0.74 ***	0.61 - 0.90		
Native       1.00       0.96       - 1.05       1.02       0.86       - 1.21         2G Finland       0.88       ***       0.82       - 0.94       0.88       0.73       - 1.05         2G For. Yugoslavia       0.85       ***       0.80       - 0.91       0.86       **       0.74       - 0.99         2G Turkey       0.85       ***       0.78       - 0.92       0.85       *       0.70       - 1.02         2G Iran       1.01       0.77       1.33       1.04       0.80       - 1.36         Spain         Native       0.54       ***       0.51       0.56       0.52       ***       0.45       0.61         1G EU, US, Canada       0.41       ***       0.38       0.43       ***       0.37       0.58       0.37       0.57       0.57       0.57       0.57       0.57       0.59       1.54       0.88       1.56       Latin America       0.44       ***       0.41       0.43       ***       0.37       0.35       0.37       0.55       ***       0.37       0.55       ***       0.37       0.55       ***       0.37       0.55       ***       0.37       0.55       ***		Sweden							
2G Finland       0.88       0.82       0.94       0.88       0.73       1.05         2G For. Yugoslavia       0.85       0.80       0.91       0.86       **       0.74       0.99         2G Turkey       0.85       ***       0.78       0.92       0.85       *       0.70       1.02         2G Turkey       0.85       ***       0.78       0.92       0.85       *       0.70       1.02         2G Iran       1.01       0.77       1.33       1.04       0.80       1.36         Spain       Native       0.54       ***       0.51       0.56       0.52       ***       0.45       0.61         1G EU, US, Canada       0.41       ***       0.38       0.45       0.40       ***       0.36       0.46         1.5G LU, US, Canada       0.41       ***       0.41       0.54       0.46       ***       0.37       0.57       0.57       0.57       0.57       0.57       0.57       0.57       0.59       ***       0.39       0.49       1.5G Maghreb       0.71       ***       0.37       ***       0.37       0.35       0.37       0.45       ***       0.37       0.43       ***       0.39			Native	1.00	0.96 - 1.05	1.02	0.86 - 1.21		
2G For. Yugoslavia       0.85 ***       0.80 - 0.91       0.86 **       0.74 - 0.99         2G Turkey       0.85 ***       0.78 - 0.92       0.85 *       0.70 - 1.02         2G Iran       1.01       0.77 - 1.33       1.04       0.80 - 1.36         Spain         Native       0.54 ***       0.51 - 0.56       0.52 ***       0.45 - 0.61         1G EU, US, Canada       0.41 ***       0.38 - 0.45       0.40 ***       0.36 - 0.46         1.5G EU, US, Canada       0.47 ***       0.41 - 0.54       0.46 ***       0.37 - 0.58         1G Maghreb       0.67 ***       0.60 - 0.75       0.67 ***       0.57 - 0.79         1.5G Maghreb       0.71 ***       0.54 - 0.92       0.69 ***       0.54 - 0.88         1G Latin America       0.44 ***       0.41 - 0.47       0.43 ***       0.39 - 0.49         1.5G Latin America       0.46 ***       0.37 - 0.57       0.45 ***       0.37 - 0.56         Estonia         Native       0.55 ***       0.53 - 0.57       0.55 ***       0.50 - 0.61         1G Russian Speaker       0.37 ***       0.35 - 0.40       0.37 ***       0.32 - 0.43         O Start Materica       0.30 ***       0.27 - 0.34       0			2G Finland	0.88 ***	0.82 - 0.94	0.88	0.73 - 1.05		
26 Turkey       0.85 ***       0.78 - 0.92       0.85 *       0.70 - 1.02         26 Iran       1.01       0.77 - 1.33       1.04       0.80 - 1.36         Spain       Native       0.54 ***       0.51 - 0.56       0.52 ***       0.45 - 0.61         1G EU, US, Canada       0.41 ***       0.38 - 0.45       0.40 ***       0.36 - 0.46         1.5G EU, US, Canada       0.47 ***       0.41 - 0.54       0.46 ***       0.37 - 0.58         1G Maghreb       0.67 ***       0.60 - 0.75       0.67 ***       0.57 - 0.79         1.5G Maghreb       0.71 ***       0.54 - 0.92       0.69 ***       0.54 - 0.88         1G Latin America       0.44 ***       0.41 - 0.47       0.43 ***       0.39 - 0.49         1.5G Latin America       0.46 ***       0.37 - 0.57       0.45 ***       0.37 - 0.56         Estonia         Native       0.55 ***       0.53 - 0.57       0.55 ***       0.50 - 0.61         1G Russian Speaker       0.37 ***       0.35 - 0.40       0.37 ***       0.32 - 0.43         26 Bussian Speaker       0.30 ***       0.27 - 0.34       0.30 ***       0.26 - 0.34			2G For. Yugoslavia	0.85 ***	0.80 - 0.91	0.86 **	0.74 - 0.99		
26 Iran       1.01       0.77 - 1.33       1.04       0.80 - 1.36         Spain       Native       0.54 ***       0.51 - 0.56       0.52 ***       0.45 - 0.61         1G EU, US, Canada       0.41 ***       0.38 - 0.45       0.40 ***       0.36 - 0.46         1.5G EU, US, Canada       0.47 ***       0.41 - 0.54       0.46 ***       0.37 - 0.58         1G Maghreb       0.67 ***       0.60 - 0.75       0.67 ***       0.57 - 0.79         1.5G Maghreb       0.71 ***       0.54 - 0.92       0.69 ***       0.54 - 0.88         1G Latin America       0.44 ***       0.41 - 0.47       0.43 ***       0.39 - 0.49         1.5G Latin America       0.46 ***       0.37 - 0.57       0.45 ***       0.37 - 0.56         Estonia         Native       0.55 ***       0.53 - 0.57       0.55 ***       0.50 - 0.61         1G Russian Speaker       0.37 ***       0.35 - 0.40       0.37 ***       0.32 - 0.43         26 Russian Speaker       0.30 ***       0.27 - 0.34       0.30 ***       0.26 - 0.34			2G Turkey	0.85 ***	0.78 - 0.92	0.85 *	0.70 - 1.02		
Spain       Native       0.54 ***       0.51 - 0.56       0.52 ***       0.45 - 0.61         1G EU, US, Canada       0.41 ***       0.38 - 0.45       0.40 ***       0.36 - 0.46         1.5G EU, US, Canada       0.47 ***       0.41 - 0.54       0.46 ***       0.37 - 0.58         1G Maghreb       0.67 ***       0.60 - 0.75       0.67 ***       0.57 - 0.79         1.5G Maghreb       0.71 ***       0.54 - 0.92       0.69 ***       0.54 - 0.88         1G Latin America       0.44 ***       0.41 - 0.47       0.43 ***       0.39 - 0.49         1.5G Latin America       0.46 ***       0.37 - 0.57       0.45 ***       0.37 - 0.56         Estonia         Native       0.55 ***       0.53 - 0.57       0.55 ***       0.50 - 0.61         1G Russian Speaker       0.37 ***       0.35 - 0.40       0.37 ***       0.32 - 0.43         26 Russian Speaker       0.30 ***       0.27 - 0.34       0.30 ***       0.26 - 0.34		Consta	2G Iran	1.01	0.77 - 1.33	1.04	0.80 - 1.36		
Native       0.54       0.51       0.55       0.52       0.45       0.46         1G EU, US, Canada       0.41       ***       0.38       0.45       0.40       ***       0.36       0.46         1.5G EU, US, Canada       0.47       0.41       0.54       0.46       ***       0.37       0.58         1G Maghreb       0.67       ***       0.60       0.75       0.67       ***       0.57       0.79         1.5G Maghreb       0.71       ***       0.54       0.92       0.69       ***       0.39       0.49         1.5G Maghreb       0.71       ***       0.54       0.92       0.69       ***       0.39       0.49         1.5G Latin America       0.44       ***       0.41       0.47       0.43       ***       0.39       0.49         1.5G Latin America       0.46       ***       0.37       0.57       0.55       ***       0.37       0.56         Estonia         Native       0.55       ***       0.53       0.57       0.57       0.57       0.50       -0.61         1G Russian Speaker       0.30       ***       0.35       0.40       0.37       ***       <		Spain	Nether	0 54 ***	0.54 0.56	0 52 ***	0.45 0.64		
16 EU, US, Canada       0.41 ***       0.38 - 0.45       0.40 ***       0.37 - 0.46         1.5G EU, US, Canada       0.47 ***       0.41 - 0.54       0.46 ***       0.37 - 0.58         1.6 Maghreb       0.67 ***       0.60 - 0.75       0.67 ***       0.57 - 0.79         1.5G Maghreb       0.71 ***       0.54 - 0.92       0.69 ***       0.54 - 0.88         16 Latin America       0.44 ***       0.41 - 0.47       0.43 ***       0.39 - 0.49         1.5G Latin America       0.46 ***       0.37 - 0.57       0.45 ***       0.37 - 0.56         Estonia         Native       0.55 ***       0.53 - 0.40       0.37 ***       0.32 - 0.43         16 Russian Speaker       0.30 ***       0.27 - 0.34       0.30 ***       0.26 - 0.34			Native	0.54 ***	0.51 - 0.56	0.52 ***	0.45 - 0.61		
1.56 E0, 05, Calidad       0.47 ***       0.41 - 0.54       0.46 ***       0.37 - 0.53         1G Maghreb       0.67 ***       0.60 - 0.75       0.67 ***       0.57 - 0.79         1.5G Maghreb       0.71 ***       0.54 - 0.92       0.69 ***       0.54 - 0.88         1G Latin America       0.44 ***       0.41 - 0.47       0.43 ***       0.39 - 0.49         1.5G Latin America       0.46 ***       0.37 - 0.57       0.45 ***       0.37 - 0.56         Estonia         Native       0.55 ***       0.53 - 0.57       0.55 ***       0.50 - 0.61         1G Russian Speaker       0.37 ***       0.35 - 0.40       0.37 ***       0.32 - 0.43         26 Russian Speaker       0.30 ***       0.27 - 0.34       0.30 ***       0.26 - 0.34			1G EU, US, Canada	0.41 ***	0.38 - 0.45	0.40	0.36 - 0.46		
16 Magnieo       0.07 ***       0.00 - 0.75       0.07 ***       0.02 ***			1.50 EU, US, Callada	0.47	0.41 - 0.54	0.40	0.57 - 0.58		
1.50 Magineb       0.71       0.54 * 0.52       0.09       0.54 * 0.83         1G Latin America       0.44 ***       0.41 - 0.47       0.43 ***       0.39 - 0.49         1.5G Latin America       0.46 ***       0.37 - 0.57       0.45 ***       0.37 - 0.56         Estonia         Native       0.55 ***       0.53 - 0.57       0.55 ***       0.50 - 0.61         1G Russian Speaker       0.37 ***       0.35 - 0.40       0.37 ***       0.32 - 0.43         2G Russian Speaker       0.30 ***       0.27 - 0.34       0.30 ***       0.26 - 0.34			15 Maghreb	0.07	0.60 - 0.73	0.60 ***	0.57 - 0.79		
1.5G Latin America       0.44       0.41 * 0.47       0.43 * * 0.35 * 0.45         1.5G Latin America       0.46 ***       0.37 - 0.57       0.45 ***       0.37 - 0.56         Estonia       Native       0.55 ***       0.53 - 0.57       0.45 ***       0.50 - 0.61         1G Russian Speaker       0.37 ***       0.35 - 0.40       0.37 ***       0.32 - 0.43         2G Russian Speaker       0.30 ***       0.27 - 0.34       0.30 ***       0.26 - 0.34			16 Latin Amorica	0.71	0.34 - 0.32	0.03	0.34 - 0.88		
Estonia         0.46         0.57         0.45         0.45         0.37         0.45         0.57         0.55         ***         0.50         0.61         10 <th10< th="">         10         <th10< th=""> <th10< td="" th<=""><td></td><td></td><td>1 5G Latin America</td><td>0.44</td><td>0.41 - 0.47</td><td>0.45</td><td>0.35 - 0.49</td></th10<></th10<></th10<>			1 5G Latin America	0.44	0.41 - 0.47	0.45	0.35 - 0.49		
Native         0.55 ***         0.53 - 0.57         0.55 ***         0.50 - 0.61           1G Russian Speaker         0.37 ***         0.35 - 0.40         0.37 ***         0.32 - 0.43           2G Russian Speaker         0.30 ***         0.27 - 0.34         0.30 ***         0.26 - 0.34		Estonia	1.30 Latin Antenita	0.40	0.37 - 0.37	0.43	0.37 - 0.30		
1G Russian Speaker 0.37 *** 0.35 - 0.40 0.37 *** 0.32 - 0.43 2G Russian Speaker 0.30 *** 0.27 - 0.34 0 30 *** 0.26 - 0.34		Estoria	Native	0 55 ***	053-057	0 55 ***	0.50 - 0.61		
26 Russian Speaker 0.30 *** 0.27 - 0.34 0.30 *** 0.26 - 0.34			1G Russian Speaker	0.37 ***	0.35 - 0.40	0.37 ***	0.32 - 0.43		
			2G Russian Speaker	0.30 ***	0.27 - 0.34	0.30 ***	0.26 - 0.34		

Significance level: \*\*\* = p-value < 0.01, \*\* = p-value < 0.05,\* = p-value < 0.1 Model 2 controlls for cohort, years since first birth, education and age at first birth