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## Economic conditions of stepfamilies from a cross-national perspective

### Die ökonomische Situation von Stieffamilien im internationalen Vergleich

**Abstract:**

This paper investigates the economic conditions of stepfamilies in Germany, the Russian Federation and France using data from the first wave of the Generations and Gender Survey (GGS). The analysis shows that stepfamilies more often report economic hardship than nuclear families in France and Western Germany. Socio-demographic differences between family types – particularly the fact that stepfamilies tend to be larger families – explain the differences in economic well-being between families in France. For Western Germany, differences between nuclear and stepfamilies remain after controlling for socio-economic composition of different family types. For the Russian Federation and Eastern Germany, we do not find any statistically significant differences in economic well-being between stepfamilies and nuclear families. The major dividing line for these regions runs between single parents and other types of families.

**Key words:** stepfamilies, family changes, Western Germany, Eastern Germany, Russian Federation, France

**Zusammenfassung:**

In diesem Beitrag werden die Daten der ersten Welle des Generations and Gender Survey (GGS) verwendet, um die ökonomische Situation von Stieffamilien in Deutschland, der russischen Föderation und Frankreich zu untersuchen. Die Ergebnisse zeigen, dass Stieffamilien in Frankreich und in Westdeutschland häufiger ökonomischen Schwierigkeiten ausgesetzt sind als Kernfamilien. Soziodemographische Unterschiede zwischen den unterschiedlichen Familientypen, insbesondere die Tatsache, dass Stieffamilien größere Familien mit mehreren Kindern sind, können die Unterschiede in der Einschätzung der ökonomischen Situation in Frankreich erklären. Für Westdeutschland bleiben jedoch auch nach Kontrolle der soziodemographischen Merkmale die Unterschiede zwischen den Familientypen bestehen. Für die russische Föderation und für Ostdeutschland lassen sich keine signifikanten Unterschiede in der Einschätzung der ökonomischen Situation zwischen Stieffamilien und Kernfamilien aufzeigen. Die zentrale Trennlinie verläuft hier zwischen Alleinerziehenden und anderen Familienformen.

**Schlagwörter:** Stieffamilie, familialer Wandel, Westdeutschland, Ostdeutschland, Russische Föderation, Frankreich

## 1. Introduction

It is commonly understood by family sociologists that the nuclear family – defined as a married couple with their biological children – is merely an ideological construct, rather than an exclusive family model (Coontz 2000; Nave-Herz 1998). However, recent changes in family behaviour suggest that the nuclear family is retreating more rapidly than ever before. Increasing separation risks challenge the dominant position of the nuclear family, as other types of families, such as stepfamilies, are becoming more prevalent. It is, however, not just the increase in numbers that makes it appealing to study stepfamilies. They are in many respects distinct and “novel” family forms. While stepfamilies were historically mainly formed through remarriages after widowhood (Juby 2003-2004: 5), they are today overwhelmingly formed after separation. Hence, the stepparent is not replacing the biological parent, but is added to the existing family instead. The consequence is an increasing complexity of stepfamilies and extensive stepfamily networks.

The first quantitative studies that tried to assess the prevalence of stepfamilies were conducted for the U.S. In these earlier studies, stepfamilies were mainly defined as marital unions that had evolved through re-marriages (e.g. Cherlin 1978; White/Booth 1985; Glick 1989). However, research for European countries, and more recent research for the U.S. and Canada, have integrated cohabitation into the definition of what constitutes a stepfamily (Cherlin/Furstenberg 1994; Desrosiers et al. 1995; Bumpass et al. 1995). The most common understanding now is that a stepfamily is composed of a marital or non-marital couple who co-reside with children who, in turn, originate from a prior partnership (Bumpass et al. 1995; Martin and Le Bourdais 2008). It is also acknowledged that “living apart together” arrangements can qualify as a stepfamily, as non-coresiding partners might form a strong bond with the child of a “serious romantic partner” (Bien et al. 2002: 11; Stewart 2007: 2). However, these family forms have so far seldom been addressed in empirical investigations of stepfamilies (an exception is a study by Feldhaus/Huinink 2011). Unfortunately, we are not able to address this issue in this paper either and follow the classical definition, which defines a stepfamily as a couple who lives with children from a prior partnership.

The main goal of this paper is to study the socio-economic well-being of stepfamilies in France, the Russian Federation and Germany based on recent data from the Generations and Gender Survey (GGS). We have selected these three countries not only because they cover a large fraction of the population in Europe, but also because these countries represent different welfare regimes with contrasting demographic behaviour. Social policies may influence stepfamilies in several ways. Firstly, they influence the trajectories that lead to stepfamily membership as they define the incentives to choose a particular family form. Secondly, social policies define the well-being of stepfamilies because maintenance regulations towards children and ex-spouses have a direct bearing on the economic performance of stepfamilies. We investigate how stepfamilies perform in these countries compared to nuclear families, on the one hand, and lone parents on the other hand. We ask whether the special characteristics of stepfamilies – including the fact that they tend to be larger families – could explain why this group experiences greater economic hardship than other family types. The operational definition of economic condition is whether the respondent evaluates his or her own economic situation as being difficult.

## 2. Trajectories into stepfamily membership

Becoming a member of a stepfamily involves a series of life-course transitions. For the biological parent, these transitions include the birth of a child, the separation from the biological father (or mother) of the child and the entrance into a new coresidential union with a new partner. For the stepparent, the transition involves (at a minimum) the formation of a household with a new family and the entry into the parental role, possibly for the first time in his or her life. Meanwhile, the child mostly has to undergo separation of the biological parent, and accept the entrance of a stepparent into the household. A new child might be born into a stepfamily, which eventually transforms the family into a “blended family”. Investigating the prevalence and economic conditions of stepfamilies requires an understanding of the life-course trajectory that leads to becoming a member of a stepfamily (Bumpass et al. 1995; Prskawetz et al. 2003).

From the 16<sup>th</sup> to the 19<sup>th</sup> centuries, the formation of a stepfamily was usually preceded by the death of a partner. Remarriages after the death of a partner were very common, and were often economically necessary to sustain the household (Teubner 2002a). Due to high maternal death rates, it was often the widower who remarried quickly in order to keep the family system intact. Thus, the stepmother family, in which the biological mother was replaced by a stepmother, was the main type of stepfamilies at that period of time. With the decline of mortality rates during the first demographic transition, the importance of stepfamilies decreased continuously. In the aftermath of World War II, separation, divorce and widowhood increased again (Saint-Jacques 1998), but the “golden age of marriage” (Festy 1980) that followed in the subsequent years created conditions that led to a historic low in the number of stepfamilies.

The increase in divorce and separation rates since the 1960s has ushered in a new era in which stepfamilies have become an integral part of the family of contemporary Europe. Whereas in the past stepfamilies were formed through the death of a married partner, stepfamilies are today commonly formed after a separation or divorce from a partner. Thus, the paths that lead to the formation of a stepfamily have become more diverse. It is usually divorce, the breakdown of a cohabiting union or the termination of a more loose relationship, such as a living apart together arrangement, that lead to the formation of a stepfamily. Furthermore, unlike in the past, today children overwhelmingly remain with the biological mother after separation, which inevitably results in a greater number of stepfather families (Villeneuve-Gokalp 2000).

### Stepfamilies and family change

Although divorce and separation rates have increased across Europe since the 1960s, marked differences in demographic behaviour have remained. Eastern Germany, Western Germany, the Russian Federation and France differ greatly in terms of family behaviour, and, thus, also in the paths typically followed in these countries in forming a stepfamily. A salient characteristic of family behaviour of the Western-German population is that a high percentage of men and women continue to get married prior to having children (Kreyenfeld et al. 2011). Non-marital births have increased since the 1990s, and particu-

larly since 1998, when the *Kindschaftsrecht* (law related to parent and child) was reformed, and unmarried parents were finally granted joined custody. However, marriage is still an important transition for many couples before they have a first child. From this it follows that the group “at risk of forming a stepfamily” is mainly composed of divorcees in Western Germany.

The East-German pattern differs considerably from the West-German one, as unmarried parenthood is at record high levels in the East. The same can be said of the French “demographic regime” (see Table 1). Unmarried mothers are overwhelmingly women who coreside with a partner in both France and Eastern Germany (Konietzka/ Kreyenfeld 2002; Köppen 2011). As such, the breakdown of a cohabiting union should be a frequent pathway to forming a stepfamily in these two regions. The fact that cohabiting unions are less stable than marriages might be an additional factor which would explain why there is a large share of unmarried women in the pool of those “at risk of forming a stepfamily” (Marcil-Gratton et al. 2000; Juby et al. 2001).

*Table 1:* Demographic indicators for France, the Russian Federation, Eastern and Western Germany 1960-2008

	1960	1970	1980	1990	2000	2008
Share of non-marital births						
France	6.1	6.8	11.4	30.1	42.6	51.6
Western Germany	6.3	5.5	7.6		18.6	25.8
Eastern Germany	11.6	13.3	22.8	35.0	51.5	60.7
Russian Federation	13.1	10.6	10.8	14.6	28.0	28.0 <sup>ii)</sup>
Total divorce rate						
France	0.10	0.12	0.22	0.32	0.38	0.47 <sup>i)</sup>
Western Germany	—	0.15	0.23	0.31	0.42 <sup>a)</sup>	0.43 <sup>a)i)</sup>
Eastern Germany	0.16	0.19	0.32	0.24	0.34 <sup>b)</sup>	0.37 <sup>b)i)</sup>
Russian Federation	0.17	0.34	0.42	0.40	--	--
Mean age at childbirth						
France	27.6	27.2	26.8	28.3	29.4	29.9
Western Germany	27.9	26.9	27.1	28.3 <sup>c)</sup>	28.9 <sup>c)</sup>	30.2 <sup>c)</sup>
Eastern Germany	26.4	25.4	24.5	25.1 <sup>c)</sup>	27.6 <sup>c)</sup>	29.1 <sup>c)</sup>
Russian Federation	28.2	26.9	25.7	25.3	25.8	27.2

Notes: <sup>a)</sup> with East Berlin; <sup>b)</sup> without East Berlin <sup>c)</sup> without Berlin; <sup>i)</sup> 2006 <sup>ii)</sup> 2007

Sources: Council of Europe (2005); Eurostat (2011); Dorbritz (2007); Statistisches Bundesamt (2001); HFD (2011); Generations and Gender Programme (2011)

In the Russian Federation, cohabitation is still rare, and early marriage and childbearing are almost universal (Perelli-Harris/Gerber 2011). Unfortunately, we do not have access to recent period divorce rates for the Russian Federation, but we do know that Russian divorce rates were among the highest in Europe in 1990 (Table 1). Studies based on micro-level data support the assumption that divorce intensities continued to increase in Russia thereafter (Muszynska 2006). A characteristic of the Russian regime is also the very low age at childbearing, which suggests that Russian women are not only more likely to be divorcees prior to entering a stepfamily, but that they are also likely to be substantially

younger than women in France or Germany. Additionally, as the country is well-known for its high male mortality rates (Andrev et al. 2009; Leon et al. 2009), the Russian Federation might be one of the few European countries where the death of the spouse is still a frequent transition in the trajectory of becoming a stepfamily.

### **Social policies and entrance into stepfamily membership**

Beyond these pure demographics, the social policy context should shape the formation of a stepfamily. Welfare state institutions are largely assumed to govern maternal and paternal employment patterns, and, in doing so, to define the prevalent earner model in a society (Esping-Andersen 1999; 2009). Social policies, however, also provide incentives to get married or to cohabit (Gauthier 2007: 26; Perelli-Harris/Sanchez-Gassen 2010), and thus create incentives to leave singlehood. As children overwhelmingly stay with their mothers after separation, policies that influence the well-being of divorced and single women should be most significant in explaining stepfamily formation. If lone mothers experience economic difficulties because they are unable to support their children, the pressure to enter into a stepfamily arrangement might be higher than in countries where single and divorced mothers can sustain a “livelihood of their own” (Orloff 1993: 311; Orloff 2009: 327).

Comparing the Russian Federation, France and Germany, we must conclude that the economic pressure to exit single motherhood is probably highest in the Russian Federation, where social support to single mothers was heavily curtailed after the demise of the communist system (Zabel 2008). Furthermore, public day care centers were shut down (Pascall/Manning 2000). The combination of these factors have produced a situation that leaves single mothers at exceptionally high poverty risk (Kanji 2004). Additionally, the extremely tight housing situation has forced many single mothers to live in extended kin household structures, either with parents or other relatives (Lokshin et al. 2000). Judging from the high re-marriage rates that have been reported for the Russian Federation (Spielauer et al. 2007), it seems plausible that both aspects taken together, economic strains and the housing situation, have created strong incentives for single mothers to enter a new relationship after separation, divorce or the death of a partner.

In France and Germany, as well, single mothers are at high risk of poverty (Bradshaw et al. 2006). However, the situation is still markedly different from that of Russia, as the general economic situation is substantially more advantageous in France and Germany. For France, it could also be argued that the welfare state enables women’s autonomy, as it is geared towards the integration of women into the labour market (Lewis 1992: 165; Martin 1995). From this it follows that the economic pressure to leave single parenthood is less severe than it is in the Russian Federation. The same might be said about Eastern Germany, where the wide availability of public day care enables women to be employed after having a child.

In Western Germany, a single mother’s chances of being economically self-sustaining are generally seen as being rather limited. Because it is a “male breadwinner regime”, the absence of a husband is usually considered a social risk factor (Ostner 1995). The incompatibility of work and employment could create economic pressure for single mothers to

re-partner in order to avoid transfer dependency. However, there are also legal forces, such as maintenance payments, that could work in the opposite direction. Germany appears to differ from the other countries in this respect as maintenance payments to the care-giving ex-spouse were quite liberally granted until the reform of the alimony law in 2008. Until then, the parent who cared for a child could claim maintenance payments (*Betreuungsunterhalt*) until the child reached age eight, and was only expected to work part-time if the child was between ages eight and 14. However, the income of a new residential partner could be considered in the assessment of the maintenance payments of the ex-partner; upon re-marriage the payment was suspended completely. These regulations might have discouraged some people (or rather some *women* who were the main recipient of these payments) from getting married or forming a non-marital union with a new partner, and thus entering a stepfamily. The legal regulations have been the same for both parts of Germany since unification. However, the *Betreuungsunterhalt* is probably not a relevant factor for explaining re-partnering behaviour in the East because Eastern Germans marry less frequently, and maintenance regulations therefore do not apply to them to the same degree.<sup>1</sup> Further, East-German women often do not become eligible for maintenance claims because they either work themselves, or because the income of the ex-partner is so low that it barely suffices for paying child support.

### **Stepfamilies: A selective population?**

When studying the economic well-being of stepfamilies, it is also necessary to consider that stepfamilies are a select group of families. In particular, they are often larger families because couples have a tendency to cement their partnership by having common children. This “union commitment” explains why the number of children is higher in step- than in nuclear families (Thomson 2004; Buber/Prskawetz 2000; Prskawetz et al. 2003; Vikat et al. 2004; Henz/Thomson 2005; Holland/Thomson 2011).

Given that economic pressures increase with the number of children, stepfamilies should experience economic difficulties more often than nuclear families (Teubner 2002b). The fact that a portion of the household income hinges on the alimony payments of the ex-partner is also a distinctive aspect of stepfamilies, and might be another source of economic distress among stepfamilies.

However, stepfamilies might also differ in terms of other socio-economic characteristics, particularly if there is a social gradient entrenched in the trajectories that lead to becoming a stepfamily. If, for example, lone parenthood is more common among the less educated, we could expect to also find a social gradient by family type, assuming that lone parenthood is common in the trajectory to forming a stepfamily. However, becoming a stepparent also depends on the chances to re-partner, and unfortunately, there are only few studies on this topic available. Jaschinski (in this volume) analysed data from the

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1 In principle, it is possible to claim maintenance (*Betreuungsunterhalt*) from the ex-partner of a non-marital union. However, maintenance payments are restricted to the period until the child reaches age three. In 2008, the ability of divorced persons to claim maintenance has been curtailed, so that regulations for non-marital and marital unions have become more similar. As the data from the first wave of the GGS refer to the time before the reform, we do not discuss the new regulations in detail.

German GGS and investigates how female education affects re-partnering behaviour. She argues that highly educated women should be less likely to re-partner as they are more economically independent than their less educated counterparts. However, she also acknowledges that highly educated women might be more advantaged on the partner market which increases their chances to enter into a new partnership. Empirical evidence is given for the latter presumption which shows that highly educated women experience elevated re-partnering rates. Similar findings have been reported by Wu and Schimmele (2005) for Canada. From these studies, it would follow that highly educated women are more likely to form a stepfamily. However, we also know that highly educated women are less likely to become a lone mother in Germany, France and the Russian Federation, as this is the case in most other parts of Europe (Perelli-Harris et al. 2010). In essence, it is difficult to tell how the different transitions that lead to becoming a member of a stepfamily cumulate over the life course. Even if we knew that a negative social gradient existed in separation risks, we could not necessarily assume that we would find the same gradient in stepfamilies if the social gradient in re-partnering risks runs in the opposite direction. As such, it seems difficult to establish a priori whether we would find a negative or positive social gradient in stepfamily membership.

### **Summary and research hypotheses**

In sum, the demographic regimes in Eastern Germany, Western Germany, France and the Russian Federation differ considerably. In light of these differences, we assume that the trajectories that lead to forming a stepfamily vary in the regions that we consider here. For the Russian Federation, we expect to find a high prevalence of stepfamilies due to the unusually high divorce rates in this country, and also because economic pressures might lead Russian women to try to re-partner after the breakdown of a union. We also anticipate that, in the Russian Federation, the share of women who enter a stepfamily after the death of partner will be shown to be higher than in other countries because of the high Russian male mortality rates. For France and Eastern Germany, we anticipate that the breakdown of a non-marital union will be found to be the standard track prior to entering a stepfamily while it is the dissolution of a marital union in Western Germany.

Although we can make firm statements regarding the trajectories that lead into stepfamily membership, it is more difficult to provide concrete hypotheses regarding the economic conditions of stepfamilies. Because they are larger families, they require more housing space and economic resources and we may therefore assume that they are more prone to suffer economic hardship. Stepfamilies may also experience greater economic difficulties because the socio-economic composition of this type of family differs from that of other families. However, stepfamily membership can involve a series of life-course transitions. How the social gradient, which is entrenched in these transitions, will eventually add up over the life course is difficult to determine in advance, and must be explored using the given data.

### 3. Data and sample

#### 3.1 Data source: First wave of the GGS

In the following, we use data from the first wave of the Generations and Gender Survey (GGS)<sup>2</sup> to study (a) the prevalence of stepfamilies, (b) the trajectories that lead to step-family membership (c) and the economic well-being of stepfamilies.

The GGS is an ideal data set for investigating the topic of stepfamilies as it contains detailed information about the relationship of the respondent to his or her children as well as to the children of the respondent's coresident partner. In a "household grid", the position of the respondent to each household member is assessed. The grid has the following categories: biological child with the current partner or spouse, biological child with a former partner or spouse, stepchild, adopted child, foster child, biological or adopted child. Additionally, the respondent is asked to name the number of non-resident children, to give the relationship status for each child (biological, adopted or foster) and to provide information about whether the child is the biological child of the current spouse. In a separate section of the questionnaire, information on the children of the current partner is collected.

However, there are also some pitfalls related to this data set. The drawback of the Russian GGS is that non-response is rather high, particularly in the urban areas of Saint Petersburg and Moscow, where the response rate only reached 15 percent (Kosolapov/Zakharov 2005). Therefore, the Russian GGS is biased to some extent as it does not include sufficient respondents from these two urban areas of the Russian Federation. In the multivariate analysis, we account for this by controlling for whether the interview was conducted in Saint Petersburg or Moscow. There is also a problem related to the German data. External validation of the fertility and partnership histories has shown that the fertility and marriage rates of the younger cohorts are rather high, while they are much too low for the older cohorts. As a result, cohort marriage and fertility trends based on the German GGS do not follow the time trend suggested by vital statistics (Naderi et al. 2009; Kreyenfeld et al. 2010). The bias is particularly strong if we look at childlessness or try to generate estimates of ever-married men and women for the cohorts born before 1950. It has been assumed that the bias might relate to problems in the modules that collect information on past partnerships and on children who no longer live in the household of the respondent (Kreyenfeld et al. 2010). As the following analysis is restricted to young respondents who live with their children in the same household, we assume that the bias does not affect our investigation of the prevalence and economic conditions of stepfamilies.

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2 The data for Germany (survey year 2005, version 2.0) and France (survey year 2005, version 1.7) have been made available by the United Nations (<http://www.ggp-i.org/>). The Russian data (survey year 2004) has been made available by the Max Planck Institute for Demographic Research. We used here a version that contained a cleansed educational variable. The cleansing has been done by Aiva Jasilioniene and Evgeny Andreev.



### 3.2 Sample and definition

This investigation is limited to women and men who have children ages 18 and younger with whom they coreside. We follow here the age definition used by prior studies (Teubner 2002a; Steinbach 2008). We distinguish between (a) respondents in nuclear families, (b) respondents in stepfamilies and (c) single parents.

Respondents who live in a nuclear family are defined as men and women who coreside with their marital or non-marital partner, and who only have common children who coreside with the parents. A respondent is assumed to live in a stepfamily if he or she lives in a marital or non-marital union and coresides with at least one child from a prior partnership. Single parents are respondents who do not live with a partner, but with biological children. The definition to which we adhere follows the narrow principle of coresidence. This means that we do not consider partnerships if they do not have any children with whom they coreside.<sup>3</sup> As such, childless respondents, non-residential fathers (and mothers) and parents whose children already have all left parental home are not part of this investigation. It should also be noted that we ignore extended family structures. We define family type only by the relationship to the coresident partner and the coresident child(ren). We therefore disregard whether the respondent also coresides with other relatives. This means, for example, that a nuclear family is assumed to be composed of a couple with common children, regardless of whether this couple lives in the same household with other relatives.<sup>4</sup> Our definition of nuclear families does not take into consideration the marital status of the respondents, but we provide a descriptive analysis which shows to what extent nuclear families are composed of married couples.

Childless respondents and the small group of respondents who only have adopted or foster children have been excluded from the sample. If a respondent has biological children and adopted or foster children, we consider his or her biological children, but disregard the adopted or foster children. As the share of adopted and foster children is extremely small, omitting these children from the analysis does not, however, cause any bias. We also omit the small group of respondents with incomplete information from the household grid. Altogether, the remaining sample contains 3,218 French, 2,533 West-German, 539 East-German and 4,030 Russian respondents. A West-German respondent is here defined as a person who coresides in Western Germany at the time of the interview while an East-German respondent is defined as a person who lives in Eastern Germany at the time of the interview.<sup>5</sup> We analyze both parts of Germany separately as marital and fertility behavior between the two parts of Germany strongly differ (Goldstein/Kreyenfeld 2011). We are, however, unable to account for the fact that substantial migration has occurred since unification and that internal migration might blur a comparison of behavior in Eastern and Western Germany.

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3 For a more detailed discussion on the problems related to the definition of stepfamilies, see Martin (2008).

4 This also requires that we disregard whether the children of the respondent already have their own children. There are a few cases to which this applies, as the sample includes respondents with children up to age 18.

5 We group West Berlin to eastern Germany. West Berlin used to belong to the Federal Republic of Germany before unification, but it is geographically located in the Eastern parts of Germany.

## 4. Prevalence and socio-economic characteristics of stepfamilies

### 4.1 Prevalence of stepfamilies

Table 2 tabulates the respondents by family type. The table supports previous findings regarding the prevalence of stepfamilies in France showing that they make up less than ten percent of all families (Martin 1995). For the Russian Federation, we find a share of 13 percent of stepfamilies in all families. For Western Germany, we find the same percentages as for the Russian Federation. This result is surprising as we had expected that high Russian divorce rates would transfer into a high incidence of stepfamilies, while the traditional West-German family behaviour would result into a low prevalence of this type of families.

The results for Western Germany are in line with estimates reported by Steinbach (2008) with data from the German GGS. However, it needs to be mentioned that these findings are at odds with prior work on the same topic. The most comprehensive study which provided necessary information to generate the prevalence of stepfamilies was the German Youth Survey from the years 1994 and 2000 (Bien et al. 2002). Based on this data, Teubner (2002a: 40) estimated that stepfamilies make up only about five percent of all families with children under age 18 in Western Germany (and eleven percent in Eastern Germany) which is substantially lower than the values that we have generated with the German GGS. Possibly, differences relate to the different time periods. It has also been mentioned that the German Youth Survey from the years 1994 and 2000 oversampled respondents in urban areas who are married and have children and private property which could also explain the discrepancy (Steinbach 2008: 166). However, we are unable to resolve this issue as we have no other external sources to validate these numbers due to the lack of information on stepfamilies in census and micro-census data.

For Eastern Germany, our results suggest that stepfamilies are rather widespread as they compose 18 percent of all families. This is compatible with our idea that higher shares of non-marital births and low marriage intensities transfer into a high prevalence of stepfamilies. It also fits to prior research on the topic which reports relatively higher shares of stepfamilies in Eastern than in Western Germany (Teubner 2002a; Steinbach 2008). Studies based on data from the Family and Fertility Survey (FFS) also show that Eastern Germany stands out in cross-national comparison with an extraordinarily high share of women who have children when they start coresiding with a partner (Prskawetz et al. 2003: 124). Also the estimates from this study need to be taken with some caution, though. This latter study used retrospective fertility and partnership histories from the FFS which do, however, not contain any detailed stepfamily episodes. For simplicity, it had been assumed that all children that had been born one year or more prior to the beginning of a cohabitation episode with the current partner were children from prior unions. This is, however, a strong assumption as it wrongly classifies families as stepfamilies who had their children while they lived apart and only moved together at later stages in their life courses. Therefore, it is unclear whether the finding from the FFS is indicative of a high prevalence of stepfamilies in Eastern Germany, or whether it merely reflects the fact that the retrospective histories of the FFS covered the period when Germany was separated and the housing situation precluded young East-German couples from moving

in together. However, our analysis is based on a cross-section of family types for the year 2005 in which we have detailed information on the relationship status of all family members. Thus, our analysis does not suffer from the same problems and we may therefore conclude that stepfamilies are more prevalent in Eastern than in Western Germany.

The table also identifies stepfamilies according to whether they are stepmother families, stepfather families, stepmother-stepfather families or blended families. Blended families are further identified according to which of the two partners has children from a previous partnership. The table shows that the share of stepfather families is substantially higher than the share of stepmother families, which supports the assumption that the children tend to stay with their mothers after separation. The same is true if we look at blended families; here the share of blended-stepfather families is also high, indicating that the couple lives with common children and children of the woman from a previous partnership. Even though we observe a dominance of stepfather and blended-stepfather families for all countries, some country variations are discernable. In the Russian Federation, the share of stepmother families is particularly low, suggesting that it is very uncommon for children to stay with their fathers after the breakdown of a union. In France and the Russian Federation, the share of blended families is rather high while the opposite is true for Eastern and Western Germany which largely supports prior findings on the fertility in stepfamilies (Thomson 2004: 127).

Table 2: Respondents by family type, column percent

	France	Western Germany	Eastern Germany	Russian Federation
<b>All families</b>				
Nuclear family	81	77	68	74
Stepfamily	9	13	18	13
Single parent family	10	10	14	13
Total	100	100	100	100
Sample size	3,218	2,533	539	4,030
<b>Stepfamilies</b>				
Stepfather family <sup>1)</sup>	33	43	49	44
Stepmother family <sup>2)</sup>	10	25	(24)	6
Stepmother-stepfather <sup>3)</sup>	(5)	(1)	(2)	(3)
Blended stepfather family <sup>4)</sup>	40	22	(19)	42
Blended stepmother family <sup>5)</sup>	(10)	(8)	(6)	(5)
Blended stepmother-stepfather family <sup>6)</sup>	(2)	(0)	(0)	(1)
Total	100	100	100	100
Sample size	267	330	88	485

Notes: The sample comprises respondents who have children age 18 and younger with whom they co-reside. Data have been weighted; () cells are composed of fewer than 30 respondents.

<sup>1)</sup> Stepfather family: A mother with her biological children and a stepfather; <sup>2)</sup> Stepmother family: A father with his biological children and a stepmother; <sup>3)</sup> Stepmother and stepfather family: A mother with her biological children and a father with his biological children; <sup>4)</sup> Blended stepfather family: A mother with her biological children and a stepfather + common children; <sup>5)</sup> Blended stepmother family: A father with his biological children and a stepmother + common children; <sup>6)</sup> Blended stepmother and stepfather family: A mother with her biological children and a father and his biological children + common children.

Source: GGS, wave 1

## 4.2 Socio-demographic characteristics of stepfamilies and nuclear families

We generally assume that stepfamilies are larger families. This is true for all three of the countries under consideration (see Table 3). However, there are marked differences between the countries. Family size in France is much higher than in Germany or the Russian Federation, which fits the well-known differences in completed fertility between the countries. What is also striking is that the relative differences between stepfamilies and nuclear families are greater in France. What is also noteworthy for France is that the number of non-resident stepchildren (i.e. the children of the partner of the respondent) is larger than in the two other countries. The same is true for the number of non-resident children of previous partners. Therefore, our previous conclusion that the share of stepfamilies is rather low in France must be attributed to our narrow definition of stepfamilies. When we consider the large family network, France stands out due to the high number of non-resident stepchildren in the country. The German stepfamily differs markedly from the French stepfamily as relatively few non-resident children are involved in stepfamilies in Germany.

Table 3: Number of children by family type

	France	Western Germany	Eastern Germany	Russian Federation
<b>Nuclear family</b>				
Resident children of respondent & partner	1.93	1.90	1.65	1.59
Non-resident children of respondent & partner	0.15	0.05	0.04	0.13
Non-resident children of respondent	0.07	0.03	0.07	0.05
Non-resident children of partner	0.08	0.03	0.03	0.08
Total	2.23	2.01	1.79	1.85
<i>Sample size</i>	2,438	1,846	344	2,809
<b>Stepfamily</b>				
Resident children of respondent & partner	0.74	0.43	0.36	0.56
Resident children of respondent	0.84	1.33	1.19	0.77
Resident children of partner	0.69	0.23	0.30	0.52
Non-resident children of respondent & partner	0.03	0.04	0.00	0.02
Non-resident children of respondent	0.45	0.12	0.22	0.28
Non-resident children of partner	0.43	0.11	0.15	0.35
Total	3.19	2.25	2.22	2.49
<i>Sample size</i>	267	330	88	485

Notes: The sample comprises respondents who have children ages 18 and younger with whom they coreside. Lone parents have been excluded from this table. Data have been weighted.

Source: GGS wave 1

Table 4 compares the marital status of nuclear and stepfamilies at the time of the interview. We distinguish here between married, single, divorced and widowed respondents. As this table only considers respondents who coreside with their partners, the divorced, single and widowed respondents are in fact cohabitantes. The table shows that marriage is the dominant arrangement in both step- and nuclear families. However, cohabitation (of a single, divorced or widowed woman) is more common in stepfamilies than in nuclear families. The country that stands out is, again, the Russian Federation where we find a

large fraction of widowed and divorced respondents among the stepfamilies. But also in France, nuclear and stepfamilies differ significantly as the share of married respondents is quite low in the group of stepfamilies. Contrary to our expectations, we find that step- and nuclear families hardly differ in Western Germany. For both groups, we find that more than 80 percent of the respondents are married. This finding stands in some contrast to our predictions as we assumed that the social policy regulations (i.e. the maintenance payments to care-giving divorcees) could discourage re-marriage. The relatively low share of cohabiters among the stepfamilies contradicts this notion.

*Table 4:* Marital status of respondent by family type

	France	Western Germany	Eastern Germany	Russian Federation
<b>Nuclear Family</b>				
Married	78	94	78	93
Single & cohabiting	21	6	21	6
Divorced & cohabiting	1	0	1	1
Widowed & cohabiting	0	0	0	0
Total	100	100	100	100
<i>Sample size</i>	2,438	1,846	334	2,809
<b>Stepfamily</b>				
Married	44	83	60	51
Single & cohabiting	31	10	26	18
Divorced & cohabiting	22	5	13	26
Widowed & cohabiting	3	1	1	5
Total	100	100	100	100
<i>Sample size</i>	267	330	88	485

Notes: The sample comprises respondents who have children ages 18 and younger with whom they co-reside. Lone parents have been excluded for this representation. Data have been weighted.

Source: GGS wave 1

Table 5 shows the trajectories that lead into stepfamily parenthood. In this table, stepfamilies are categorised according to the way the partnership prior to the current union ended. We distinguish here between widowhood, separation, divorce and singlehood. Respondents who were never in a coresidential union before they entered the stepfamily are classified as “never in a cohabiting union”. Respondents whose last marital union ended in divorce are placed in the “divorce” category. “End of cohabiting union” includes respondents whose last union was a cohabiting union. “Widowhood” includes respondents whose former partners died, regardless of whether they lived together in a marital or non-marital union. For Germany, we are unfortunately unable to present estimates as they show unreasonably large shares of respondents who had no partnership before they entered a stepfamily. We attribute this to the poor quality of the partnership histories and we therefore refrain from displaying the results. For the other two countries, we find a plausible pattern that is in line with what we know about the demographic regimes in these two countries. In France, the breakdown of a cohabiting union is just as likely to be a precursor of stepfamily membership as the termination of a marital union. In the Russian Federation, divorce is a frequent track to stepfamily membership. However, what is very

striking for the Russian Federation is the relatively large share of respondents who live in a stepfamily, and whose prior partnership ended because the partner had died. This obviously relates to the high mortality risks in the country.

*Table 5:* Trajectory into stepfamily membership. Respondents in stepfamilies distinguished by preceding partnership status

	France	Russian Federation
Never in cohabiting or marital union	27	27
Divorce	34	44
End of cohabiting union	35	18
Widowhood	5	11
Total	100	100
<i>Sample size</i>	267	485

Notes: The sample comprises respondents who have children ages 18 and younger with whom they co-reside. For this representation, only stepfamilies have been selected.

Source: GGS wave 1

## 5. Economic conditions and family type

### 5.1 Dependent variable and method

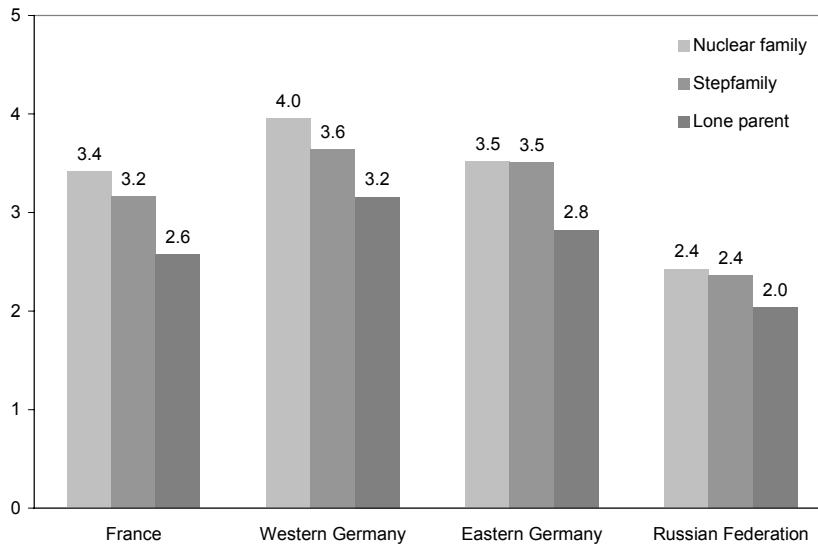
The following part of the analysis addresses the socio-economic well-being of different types of families. The key question here is whether stepfamilies fare worse economically than other families. The operational definition of the dependent variable is whether the respondent thinks that he/she can make ends meet financially.<sup>6</sup> There are six answer categories given to the respondent: 1: with great difficulty, 2: with difficulty, 3: with some difficulty, 4: fairly easily, 5: easily and 6: very easily. As a method, we apply an ordered probit regression. Our modelling strategy is a stepwise inclusion of the socio-demographic covariates. This strategy allows us to investigate whether the differences in economic well-being between families can be explained by the different socio-demographic characteristics of stepfamilies and other types of families. Our sample includes both male and female respondents. It is likely that the socio-economic characteristics of the woman and the man have a different impact on the well-being of a household. This should particularly be true for a male breadwinner regime like Germany where the man's economic standing should primarily define the economic well-being of the family. For this reason, we also estimate another set of models where we distinguish between woman's and man's level of education and employment. As we were unable to construct these variables for single parent households, these families have been left out for this subset of the analyses. Also left out for this part of the analysis are same-sex unions. All analyses are conducted separately

<sup>6</sup> The wording in the core questionnaire of the GGS is as follows: "A household may have different sources of income and more than one household member may contribute to it. Thinking of your household's total monthly income, is your household able to make ends meet?"

for France, Germany and the Russian Federation. As the Eastern German sample is rather small, we grouped Eastern and Western Germany together for this part of the analysis. However, we performed interaction models to test whether the relationship between family type and economic hardship differs between the two parts of Germany.

Figure 1 displays the mean values of the dependent variable by family type. The key variable is an ordinal variable where high numbers mean little economic hardship and low numbers mean greater economic difficulties. The figure shows that stepfamilies do worse than nuclear families in France and Western Germany. The mean value in Western Germany for stepfamilies is 3.6, but it is 4.0 for nuclear families. For France, the respective figures are 3.2 (stepfamilies) and 3.4 (nuclear families). For the Russian Federation and Eastern Germany, we do not observe much of a difference between step- and nuclear families. For all four regions, we observe that single parents are the most likely to report economic difficulties.

*Figure 1:* Economic difficulties by family type and region, mean values of the ordinal variable that indicates if the household is able to make ends meet (1: with great difficulty, 2: with difficulty, 3: with some difficulty, 4: fairly easily, 5: easily, 6: very easily)



Notes: The sample comprises respondents who have children ages 18 and younger with whom they coreside.

Source: GGS wave 1

## 5.2 Independent variables and composition of the sample

Table 6 displays the composition of the sample by family status and country. We accounted for standard socio-demographic variables, such as citizenship, age, education, employment status, age of the youngest resident child and the number of non-resident and

resident children. The table also reports the sex composition of the sample showing that the large share of single parents are single mothers.

The variable “citizenship” distinguishes respondents with the citizenship of the country of interview from other respondents. For Germany, we also noted whether the interview was conducted in Eastern or Western Germany. As in the descriptive analysis, Berlin was grouped into Eastern Germany. For the Russian Federation, we used a flag variable in the model that indicating whether the interview was conducted in Saint Petersburg or Moscow to account for the low response rate in these cities.

Education was constructed by drawing on the ISCED-97-classification. We grouped the ISCED levels 0-2 into the category “low education”, 3-4 into the category “medium education” and 5-6 into the category “high education”. We should point out that the distribution of the educational variable is quite different in each of the countries. In France, we observe a much higher share of respondents with a high level of education. This can be attributed to the fact that we treated respondents with a *baccalauréat*, which is a standard track in the educational career in France, as ISCED 5. If one turns to the bivariate relationship between education and family type, there is a clear correlation between stepfamily membership and educational attainment in France. Respondents who live in stepfamilies are less educated. We also find a similar correlation for the Russian Federation and Germany, but the association is less strong than for France. Apart from individual education, we have also generated variables that indicate the level of education of the female and male person in the household.

We integrated employment status into the analysis by distinguishing between respondents who are employed, unemployed, not working and others. The category “not working” includes the category “looking after the home or family” as well as maternity and parental leave. We also generated this variable for the female and male in the household. The descriptive statistics for these latter variables show that Russian women are more likely to be employed than women in the other two countries. Employment rates in France are also higher than in Germany. Overall, we do not see much difference in the employment status by family type in the three countries. However, French stepfamilies seem to be at extraordinarily high risks of unemployment compared to nuclear families.

In order to account for the number of children, we include two variables. One variable indicates the number of resident children. The other variable indicates the number of non-resident children. Both are treated as continuous variables. As was mentioned in the previous section, the family sizes of nuclear families and of stepfamilies differ. The difference is largest in France, where a stepfamily has on average 0.9 non-resident children. Hardly any of the single parents in our sample have non-resident children. Because the type of family is closely correlated with the number of children, our independent variables are, unfortunately, collinear. We checked, however, whether our results remain robust if we restrict the analysis to nuclear and stepfamilies. As they are, we decided to keep lone parents in the sample.

Age was entered as a continuous variable. In addition, age was considered as a squared term (multiplied by 100) to account for nonlinearities. We also accounted for the age of the youngest child by a continuous variable. Due to the low age at childbearing, the respondents in the Russian sample are younger than the respondents in the German or French samples.



*Table 6:* Descriptive statistics, column % (categorical variables), mean (continuous variables)

	France			Germany			Russian Federation		
	Nucl.	Step	Lone	Nucl.	Step	Lone	Nucl.	Step	Lone
Economic difficulty									
Great difficulty	7	13	26	3	5	12	23	27	41
Difficulty	17	18	22	9	12	21	26	25	24
Some difficulty	26	27	27	23	29	30	40	38	27
Fairly easily	31	26	20	35	31	25	8	8	5
Easily	16	15	5	23	19	10	3	2	2
Very easily	3	2	1	7	5	3	0	0	1
Sex of respondent									
Male	45	48	15	40	36	12	43	44	5
Female	55	52	85	60	64	88	57	56	95
Citizenship respondent									
Native	87	89	86	81	83	87	89	90	90
Other citizenship	13	11	14	19	17	13	11	10	10
Region									
Eastern Germany	–	–	–	15	21	25	–	–	–
Moscow/St. Petersburg	–	–	–	–	–	–	11	14	14
Education respondent									
Low	20	29	31	10	12	20	5	7	5
Medium	12	9	15	59	62	55	71	76	71
High	68	62	54	29	25	21	24	16	25
Unknown	0	0	0	2	1	4	0	0	0
Education female in household									
Low	20	29	31	13	14	21	6	9	5
Medium	15	12	15	62	64	54	69	73	71
High	65	58	53	23	20	21	25	16	24
Unknown	0	1	0	2	2	3	0	1	0
Education male in household									
Low	19	25	28	6	10	11	5	8	0
Medium	9	8	13	56	57	64	72	76	70
High	71	66	59	37	31	21	23	15	30
Unknown	0	1	0	1	2	4	0	0	0
Employment respondent									
Employed	78	75	69	68	66	56	73	71	76
Unemployed	6	12	17	6	8	19	7	8	7
Not working	12	10	9	23	22	19	15	16	10
Other	4	3	5	3	4	7	5	6	7
Employment female									
Employed	69	64	66	52	56	54	65	61	76
Unemployed	6	9	19	5	6	19	6	8	6
Not working	21	22	11	40	35	21	25	26	11
Other	3	4	5	3	3	6	4	6	7
Employment male									
Employed	91	85	86	89	87	68	85	84	78
Unemployed/ not work.	5	11	6	7	9	20	9	8	10
Other	4	3	8	4	5	13	6	8	13

	France			Germany			Russian Federation		
	Nucl.	Step	Lone	Nucl.	Step	Lone	Nucl.	Step	Lone
<b>Continuous variables</b>									
number of resident children	2.0	2.3	1.7	1.9	2.0	1.7	1.5	1.8	1.4
number of non-resident children	0.3	0.9	0.0	0.1	0.3	0.2	0.3	0.7	0.0
Age of youngest child	6.7	7.3	8.9	7.6	8.5	9.3	9.0	8.7	10.7
Age	38.9	39.4	39.7	39.2	39.5	38.4	36.5	36.2	37.9
<i>Sample size</i>	2,438	267	513	2,180	418	474	2,809	485	736

Note: The sample only comprises respondents who live with their children ages 18 or younger in the same household.

Source: GGS wave 1

### 5.3 Results of multivariate model

Table 7 displays the results from the ordered probit model that investigates the determinants of economic hardship for women with children. We have estimated separate models for the three countries. For each country, we have again estimated three regressions. The first regression only contains our key variable of interest — namely, the family type — as well as standard control variables, such as citizenship, age and the age of the youngest child. Model 2 also controls for education and employment status and the final model includes the number of resident and non-resident children. We followed this stepwise inclusion of variables in order to check whether differences in economic well-being between step- and nuclear families can be explained by the special socio-economic composition of the group of stepfamilies.

Turning first to the models for France, we find that the first model, which only contains the major controls (M1), shows that stepfamilies more often experience greater economic hardship than nuclear families. Worse off are single parents who perform significantly worse than nuclear families. The control variables are mostly in line with general expectations: foreigners as well as younger women experience economic difficulties more often than others. The results for education and employment status, which are included in Model 2, are also very much in line with general expectations. Low education and unemployment are strongly associated with economic difficulties. Model 3 shows that the number of resident and non-resident children increases economic difficulties significantly. The most important finding of this stepwise analysis is, however, that the coefficient for being a member of a stepfamily becomes weak after controlling for education and employment and becomes insignificant after the number of children has been included into the model. In the final model (M 3), we no longer find any statistical differences between step- and nuclear families. From this, we can conclude that differences in economic well-being between step- and nuclear families in France can be completely explained by compositional differences between the two comparison groups.

For Germany, we find that non-German citizenship strongly increases economic difficulties, as do non-employment and low education. What is special about Germany is that economic well-being differs between stepfamilies and nuclear families, and that these differences remain after controlling for the number of children. For the Russian Federation, the results are at odds with the French pattern: women in stepfamilies and in nuclear

families do not differ with respect to economic difficulties. This holds true before and after controlling for education, employment and the number of children. For the Russian Federation, the dividing line in economic well-being only runs between lone parents and other types of families. Other covariates, such as education, the age of the youngest child and employment status, are similar. What is striking for the Russian Federation is, however, that older respondents suffer greater difficulties than younger ones.

*Table 7:* Ordered probit model, dependent variable indicates if household is able to make ends meet (1: with great difficulty, 2: with difficulty, 3: with some difficulty, 4: fairly easily, 5: easily, 6: very easily)

	France			Germany			Russian Federation		
	M 1	M 2	M 3	M 1	M 3	M 3	M 1	M 2	M 3
Family status									
Nuclear family	0	0	0	0	0	0	0	0	0
Stepfamily	-0.22***	-0.17*	-0.06	-0.24***	-0.22***	-0.21***	-0.09	-0.03	0.04
Lone parent	-0.73***	-0.66***	-0.74***	-0.70***	-0.61***	-0.62***	-0.39***	-0.43***	-0.47***
Sex									
Male	0	0	0	0	0	0	0	0	0
Female	0.02	0.08	0.09	0.04	0.08	0.09	-0.10*	-0.05	-0.04
Citizenship									
Native	0	0	0	0	0	0	0	0	0
Other	-0.29***	-0.16**	-0.13*	-0.38***	-0.30***	-0.29***	0.01	0.02	0.03
Age	0.07***	0.03	0.04*	0.05***	0.01	0.01	-0.04**	-0.08***	-0.05**
– squared /100	-0.08***	-0.02	-0.03***	-0.04***	0.00	0.00	0.03	0.07	0.04
Age youngest child	0.01	0.02	0.01	-0.02	0.00	0.00	0.03*	0.02	0.01
– squared /100	-0.07	-0.09	-0.12	0.10	0.01	0.01	-0.11	-0.05	-0.05
Education									
Low		0	0		0	0		0	0
Medium		0.29***	0.25***		0.20**	0.19**		0.47***	0.42***
High		0.45***	0.41***		0.65***	0.64***		0.96***	0.89***
Employment									
Employed		0	0		0	0			
Unemployed		-0.64***	-0.63***		-0.81***	-0.80***		0	0
Not working		-0.18**	-0.11		-0.12*	-0.12*		-0.47***	-0.43***
Other		-0.31**	-0.28**		-0.29**	-0.28**		-0.25***	-0.22***
Resident children			-0.12***			-0.03			-0.17***
Non-resident children			-0.13***			-0.05			-0.07*
Log Likelihood									
Nil model	-5202	-5202	-5202	-4872	-4872	-4872	-5536	-5536	-5536
Final model	-5073	-4971	-4949	-4696	-4561	-4559	-5419	-5284	-5265

Note: \*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$ .

The sample comprises respondents who live with their children ages 18 or younger in the same household. The constant terms are not shown in the table. The regression for the Russian Federation also controls for whether the interview was conducted in Moscow or Saint Petersburg. The regression for Germany also controls for whether the respondent lived in Eastern or Western Germany. In addition, a dummy for missing education was employed.

Source: GGS wave 1

Table 8 is finally limited to respondents in partnerships and thus, to stepfamilies and nuclear families. This table distinguishes the impact of female and male education and employment. The analysis shows that high education of both men and women lowers economic hardship. It also shows that male non-employment has a very strong negative impact on the economic well-being of the household. Female unemployment also negatively affects the economic well-being of the household. This is, however, not the case for female non-employment (including maternity leave, parental leave and “looking after the home or family”) which only moderately relates to economic distress. The most important finding from this table is, however, that the previous results are buttressed. Stepfamilies do worse than nuclear families in Germany, even after controlling for the socio-economic composition of the sample. This is not the case for the two other countries.

We also investigated whether the association between family type and economic well-being differs between Eastern and Western Germany. For this reason, we ran a model in which we interacted family type with region (see Table 8, Model 2 for Germany). In line with the previous analysis, we find that stepfamilies are disadvantaged in terms of economic well-being in Western Germany. For Eastern Germany, we do not find the same association. Here, we find that the coefficient for stepfamilies is insignificant and close to zero indicating that stepfamilies do not differ from nuclear families.

*Table 8:* Ordered probit model, dependent variable indicates if household is able to make ends meet, only respondents with partners (1: with great difficulty, 2: with difficulty, 3: with some difficulty, 4: fairly easily, 5: easily, 6: very easily)

	France M1	Germany M1 M2		Russian Federation M1
Family status				
Nuclear family	0	0		0
Stepfamily	0.07	-0.22***		0.06
Family status				
Nuclear family (Western Germany)			0.25***	
Stepfamily (Western Germany)			-0.01	
Nuclear family (Eastern Germany)			0	
Stepfamily (Eastern Germany)			0.002	
Education female				
Low	0	0	0	0
Medium	0.45***	0.17*	0.17*	0.45***
High	0.69***	0.44***	0.44***	0.69***
Education male				
Low	0	0	0	0
Medium	-0.05	0.14	0.14	-0.05
High	0.42***	0.57***	0.57***	0.39***
Employment status female				
Employed	0	0	0	0
Unemployed	-0.38***	0.67***	0.68***	-0.37***
Not working/ leave	-0.17**	-0.13**	-0.13**	-0.18***
Other	-0.04	-0.01	-0.01	-0.04

	France M1	Germany M1 M2		Russian Federation M1
Employment status male				
Employed	0	0	0	0
Unemployed/ not working	-0.49***	-0.81***	-0.81***	-0.48***
Other	-0.12	-0.32**	-0.31**	-0.11
Log Likelihood				
Nil model	-4517	-4027	-4027	-4516
Final model	-4280	-3740	-3738	-4268

Note: \*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$ .

The sample comprises respondents who live with their children ages 18 or younger in the same household. The constant terms are not shown in the table. The regression for the Russian Federation also controls for whether the interview was conducted in Moscow or Saint Petersburg. The regression for Germany also controls for whether the respondent lived in Eastern or Western Germany. In addition, a dummy for missing education was employed. Other variables in the model are citizenship, age, age squared, age of youngest child, age of youngest child squared, number of resident and non-resident children.

Source: German GGS wave 1

## 5. Summary and conclusion

The aim of this paper was to study the economic well-being of stepfamilies in France, Germany and the Russian Federation using data from the first wave of the Generations and Gender Survey. As was done in previous studies, we limited the sample to respondents with at least one coresiding step- or biological child under age 18. We have also adhered to the standard definition, according to which a family qualifies as being a stepfamily if one of the coresiding children is from a prior partnership. Following this definition, our analysis has shown that the prevalence of stepfamilies is lowest in France, where about nine percent of all families can be classified as stepfamilies. In the Russian Federation and Western Germany, the shares of stepfamilies are 13 percent, respectively. The prevalence of stepfamilies is highest in Eastern Germany, at 18 percent.

Regarding the trajectory into stepfamily membership, the Russian case is remarkable for a modern society as an unusually large share (11 percent) of the respondents who live in a stepfamily were widowed before they entered the union. The analyses for France support the assumption that it is not just divorce, but also the breakdown of a non-marital union that commonly precedes entry into a stepfamily.

In addition to giving an account on the trajectories that lead into stepfamily membership, we also compared the marital status of stepfamilies and nuclear families at time of interview. Here we find again that the Russian Federation stands out with its high share of divorcees and widowed respondents among the stepfamilies. However, unmarried cohabitation is also relatively common in the French and East-German stepfamily. In Western Germany, respondents in step- and nuclear families are mostly married. This finding is at odds with our idea that social policy regulations (i.e. the maintenance regulations) would discourage West-German women from re-marrying. Overall, our descriptive analy-

ses on the prevalence of stepfamilies did not support well our presumptions. The prevalence of stepfamilies does not correlate well with other indicators of demographic change. Apparently, a high divorce rate, as we find it for the Russian Federation, transfers into a relatively high prevalence of stepfamilies. On the other hand, we find high shares of stepfamilies in Western Germany where marriage rates are relatively high and divorce rates at an only medium level. The French and the East-German case show that high shares of non-marital births are compatible with both low and high shares of stepfamilies.

Regarding the socio-demographic composition of stepfamilies, we find that family size is larger in step- than in nuclear families. France is striking in this context as stepfamilies in this country are found to have a much larger number of children. The share of blended families is also particularly high in France. In respect to other socio-demographic indicators, there is no homogenous pattern. In France, we find that stepfamilies stick out as they are more often subject to unemployment than other families. We also find that stepfamily membership is often associated with somewhat lower education in France. In the Russian Federation and Germany, stepfamily members are also somewhat less educated than members of nuclear families. But the differences between these two family types are much smaller than in France.

Our investigation of the economic well-being of families reveals that stepfamilies differ from other families in France and in Western Germany, but not in the Russian Federation and Eastern Germany. In France, the socio-economic characteristics of stepfamilies, particularly the fact that these are larger families, explain why these families fare worse economically than other families. In Western Germany, differences between nuclear and stepfamilies remain after controlling for socio-economic characteristics. In the Russian Federation and Eastern Germany, stepfamilies do not differ significantly from other families. In these regions, the dividing line runs between single parents and other families.

Our analysis provided an overview on the prevalence and economic conditions of stepfamilies in three of the largest countries in Europe using recent data. Unfortunately, our analyses also had to leave a lot of questions unresolved. One issue concerns the definition of stepfamilies. When we defined a stepfamily, we took into account the household context only. However, French respondents who live in stepfamilies have more non-resident stepchildren than respondents in stepfamilies in other countries. This means that our results must be viewed with caution as a wider definition, which also includes relationships with non-resident children, would probably lead to a completely different country ranking. Another problem with our analysis is that we had to handle the German analysis with great care as the retrospective partnership histories are biased in the German data. This precluded us from analysing the trajectories that lead into stepfamily membership in this country. Finally, the analyses of the economic situation of different types of families leave some issues unresolved. For France, we were able to explain the differences between families by citing the special socio-economic composition of the French stepfamily. However, for Western Germany, we were unable to give a conclusive answer as to why stepfamilies do worse than other families. We discussed the particular social policy regulations in Germany which used to provide quite generous maintenance payments to divorcees. These special regulations could affect the well-being of stepfamilies if the male partner needs to pay maintenance to the ex-spouse. An argument that speaks for this interpretation is that we do not find differences between step- and nuclear families for

Eastern Germany for which these payments only play an inferior role. Germany has recently reformed maintenance regulations by curtailing the maintenance payments for divorcees. It remains to be seen whether this policy reform had any bearings on the relative economic performance of stepfamilies in this country.

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