France 2011

1 Survey Description

Survey: EU Statistics on Income and Living Conditions household and individual survey (EU-SILC), carried out by the Statistical Office of the European Union, for the 2011

Link to the document: https://www.gesis.org/en/missy/metadata/EU-SILC/2011/#FR

Sample: The survey employed a comprehensive sampling approach, incorporating probabilistic, systematic,stratified,and multi-stage designs for a robust representation of the population. There are 21,211 individuals in the total sample and 10,436 individuals in the analysis sample. Section 3 of this document describes the prevalence and pattern of missing data.

Weights: The waithing method used in this survey is not available for consultation

Outcome: The outcome variables are annual equivalized household disposable total (*eq_iinc*) income in dollars PPP 2017.[1]

Circumstances:

- Sex (female, male)
- Country of birth 'Birthplace' (Same country as country of residence, any european country except country of residence or, any other country, described in table 1)
- Fathers's edu. (levels of education, described in Table 2)
- Mother's edu. (levels of education, described in Table 2)
- Father's occ. (11 categories, 10 from 1-Digit ISCO + one category including death/unknown/unemployed, described in Table 3)
- Mother's occ. (11 categories, 10 from 1-Digit ISCO + one category including death-unknown-unemployed, described in Table 3)

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[1]Income variable was equivalized using the square root scale.

2 Descriptive Statistics

Table 1: Respondant's socio-demographics - 2011

	Analisis sample	Total sample
	(N=10,436)	(N=21,211)
Gender		
Mean (SD)	1.52 (0.499)	1.52 (0.500)
Median [Min, Max]	2.00 [1.00, 2.00]	2.00 [1.00, 2.00]
Region of birth		
1 Local	9,370 (89.8%)	19,129 (90.2%)
2 European Union	331 (3.2%)	705 (3.3%)
3 Other	735 (7.0%)	1,377 (6.5%)

Table 2: Parental education - 2011

	Analisis sample	Total sample
	(N=10,436)	(N=21,211)
Father's education (years)		
0 Unknown	112 (1.1%)	126 (0.6%)
1 None	406 (3.9%)	448 (2.1%)
2 Low	7,875 (75.5%)	8,479 (40.0%)
3 Medium	873 (8.4%)	1,862 (8.8%)
4 High	1,170 (11.2%)	1,632 (7.7%)
Missing	0 (0%)	8,664 (40.8%)
Mother's education (levels)		
0 Unknown	28 (0.3%)	31 (0.1%)
1 None	606 (5.8%)	707 (3.3%)
2 Low	7,974 (76.4%)	8,697 (41.0%)
3 Medium	932 (8.9%)	1,329 (6.3%)
4 High	896 (8.6%)	1,070 (5.0%)
Missing	0 (0%)	9,377 (44.2%)

Table 3: Parental occupation - 2011

	Analisis sample	Total sample
	(N=10,436)	(N=21,211)
Father's occupation (ISCO)		
0 Dead/unknown/not working	721 (6.9%)	851 (4.0%)
1 Manager	896 (8.6%)	1,138 (5.4%)
2 Professional	786 (7.5%)	1,075 (5.1%)
3 Technician	1,203 (11.5%)	1,629 (7.7%)
4 Clerical	745 (7.1%)	886 (4.2%)
5 Service	395 (3.8%)	543 (2.6%)
6 Agriculture	1,113 (10.7%)	1,252 (5.9%)
7 Craft/Trades	1,579 (15.1%)	1,979 (9.3%)
8 Plant Operator	568 (5.4%)	792 (3.7%)
9 Elementary	2,296 (22.0%)	2,677 (12.6%)
10 Armed forces	134 (1.3%)	146 (0.7%)
Missing	0 (0%)	8,243 (38.9%)
Mother's occupation (ISCO)		
0 Dead/unknown/not working	4,809 (46.1%)	5,384 (25.4%)
1 Manager	127 (1.2%)	215 (1.0%)
2 Professional	419 (4.0%)	686 (3.2%)
3 Technician	554 (5.3%)	867 (4.1%)
4 Clerical	1,170 (11.2%)	1,631 (7.7%)
5 Service	1,081 (10.4%)	1,685 (7.9%)
6 Agriculture	679 (6.5%)	764 (3.6%)
7 Craft/Trades	497 (4.8%)	590 (2.8%)
8 Plant Operator	40 (0.4%)	92 (0.4%)
9 Elementary	1,055 (10.1%)	1,607 (7.6%)
10 Armed forces	5 (0.0%)	10 (0.0%)
Missing	0 (0%)	7,680 (36.2%)

Table 4: Respondant's income - 2011

	N	Mean	SD	Median	Min	Max	Missing
Analisis sample	10,436	33,931	28,819	28,903	75.2	1,120,535	0
Total sample	21,211	33,286	29,814	27,779	75.2	1,226,594	18

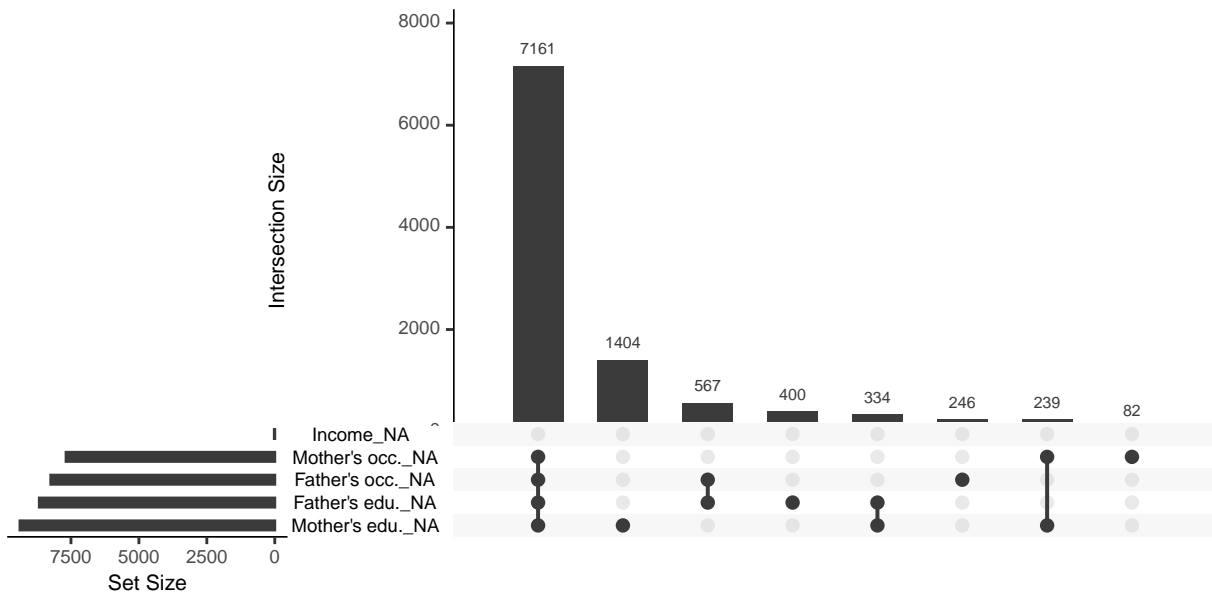# 3 Missing data analysis

3.1 Missing patterns

Figure 1: Missing patterns: *Left:* Marginal distribution of missing observations per variable. *Right:* Combination of missingness across cases

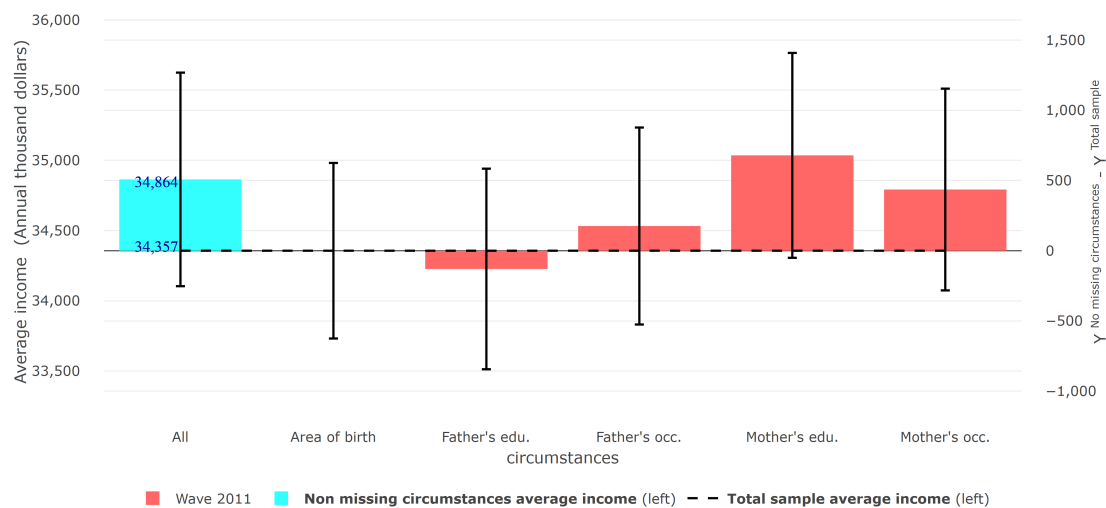## 3.2 Differences in expected total equivalized household income between samples

Figure 2: Differences in expected equivalized household income between the sample with non-missing circumstances and the total sample

3.3   Gini coefficient

Table 5: Gini coefficient in analysis sample and total sample

Wave	Sample	Gini	Lower bound	Upper bound	Average income
Wave 2011	Analysis sample	0.300	0.289	0.312	34,864
Wave 2011	Total sample	0.309	0.301	0.318	34,357

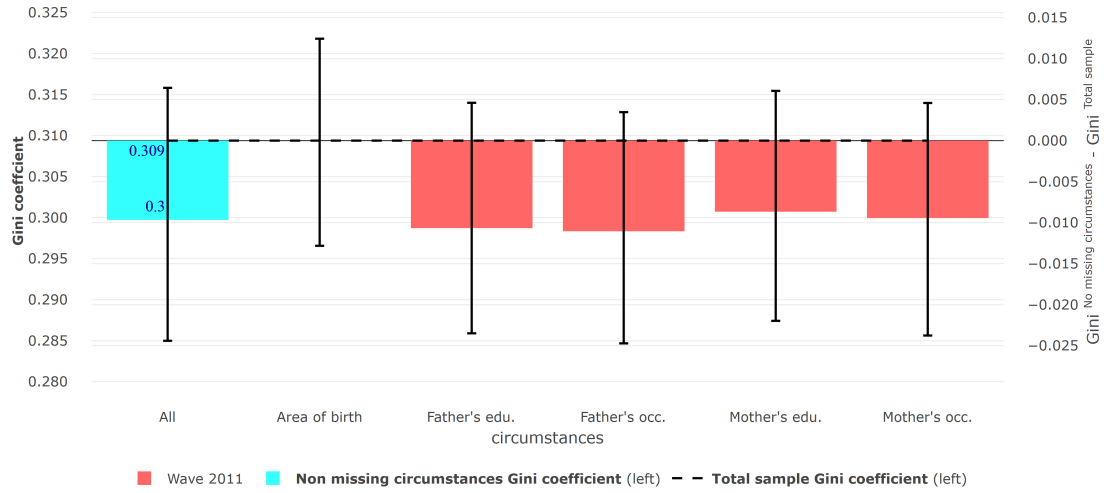## 3.4   Differences in Gini coefficient between samples

Figure 3: Differences in Gini coefficient between the sample with non-missing circumstances and the total sample