France 2019

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 2019

Link to the document: https://www.gesis.org/en/missy/metadata/EU-SILC/2019/#FR

Sample: The survey employed a comprehensive sampling approach, incorporating probabilistic, random, stratified, and one stage designs for a robust representation of the population. There are 21,065 individuals in the total sample and 10,114 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 - 2019

	Analisis sample	Total sample
	(N=10,114)	(N=21,065)
Gender		
Mean (SD)	1.52 (0.499)	1.52 (0.499)
Median [Min, Max]	2.00 [1.00, 2.00]	2.00 [1.00, 2.00]
Region of birth		
1 Local	9,049 (89.5%)	18,820 (89.3%)
2 European Union	247 (2.4%)	648 (3.1%)
3 Other	818 (8.1%)	1,597 (7.6%)

Table 2: Parental education - 2019

	Analisis sample	Total sample
	(N=10,114)	(N=21,065)
Father's education (years)		
0 Unknown	865 (8.6%)	981 (4.7%)
1 Low	6,139 (60.7%)	6,454 (30.6%)
2 Medium	1,444 (14.3%)	1,649 (7.8%)
3 High	1,666 (16.5%)	1,790 (8.5%)
Missing	0 (0%)	10,191 (48.4%)
Mother's education (levels)		
0 Unknown	386 (3.8%)	446 (2.1%)
1 Low	6,615 (65.4%)	7,196 (34.2%)
2 Medium	1,656 (16.4%)	2,080 (9.9%)
3 High	1,457 (14.4%)	1,713 (8.1%)
Missing	0 (0%)	9,630 (45.7%)

Table 3: Parental occupation - 2019

	Analisis sample	Total sample
	(N=10,114)	(N=21,065)
Father's occupation (ISCO)		
0 Dead/unknown/not working	2,425 (24.0%)	3,153 (15.0%)
1 Manager	735 (7.3%)	832 (3.9%)
2 Professional	733 (7.2%)	822 (3.9%)
3 Technician	1,002 (9.9%)	1,196 (5.7%)
4 Clerical	602 (6.0%)	723 (3.4%)
5 Service	419 (4.1%)	527 (2.5%)
6 Agriculture	344 (3.4%)	411 (2.0%)
7 Craft/Trades	1,389 (13.7%)	1,699 (8.1%)
8 Plant Operator	367 (3.6%)	459 (2.2%)
9 Elementary	1,912 (18.9%)	2,339 (11.1%)
10 Armed forces	186 (1.8%)	243 (1.2%)
Missing	0 (0%)	8,661 (41.1%)
Mother's occupation (ISCO)		
0 Dead/unknown/not working	4,465 (44.1%)	5,621 (26.7%)
1 Manager	166 (1.6%)	206 (1.0%)
2 Professional	568 (5.6%)	680 (3.2%)
3 Technician	811 (8.0%)	974 (4.6%)
4 Clerical	1,355 (13.4%)	1,650 (7.8%)
5 Service	1,245 (12.3%)	1,605 (7.6%)
6 Agriculture	102 (1.0%)	129 (0.6%)
7 Craft/Trades	166 (1.6%)	213 (1.0%)
8 Plant Operator	53 (0.5%)	78 (0.4%)
9 Elementary	1,175 (11.6%)	1,514 (7.2%)
10 Armed forces	8 (0.1%)	10 (0.0%)
Missing	0 (0%)	8,385 (39.8%)

Table 4: Respondant's income - 2019

	N	Mean	SD	Median	Min	Max	Missing
Analisis sample	10,114	34,240	59,564	30,045	314.0	7,621,544	0
Total sample	21,065	33,719	66,266	28,656	290.7	7,621,544	13

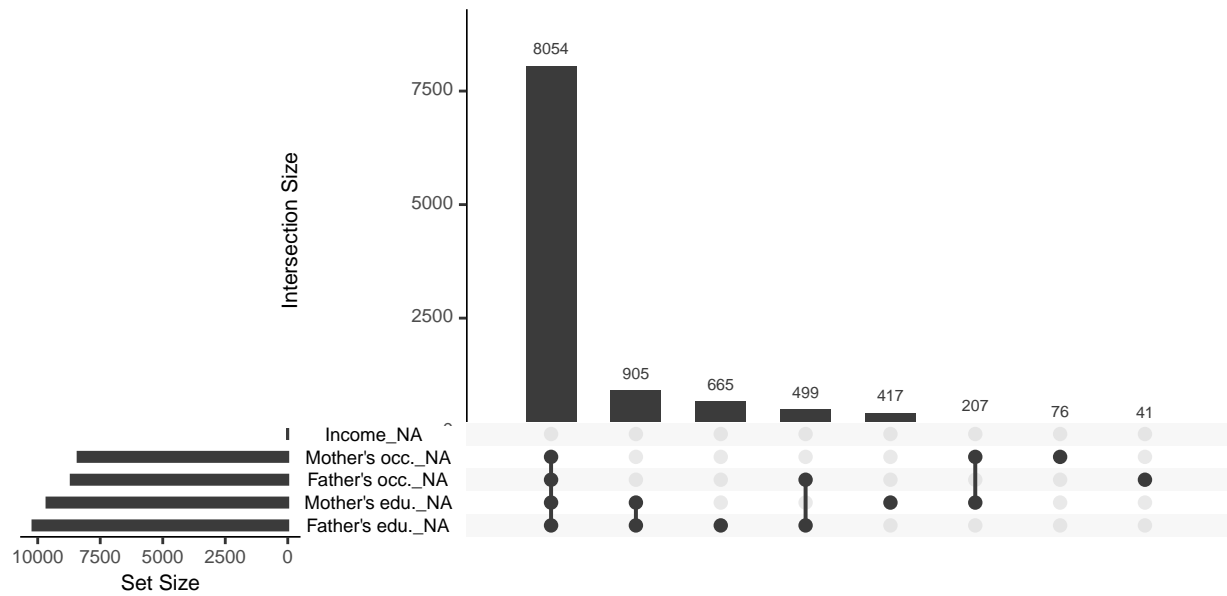# 3 Missing data analysis

3.1 Missing patterns

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

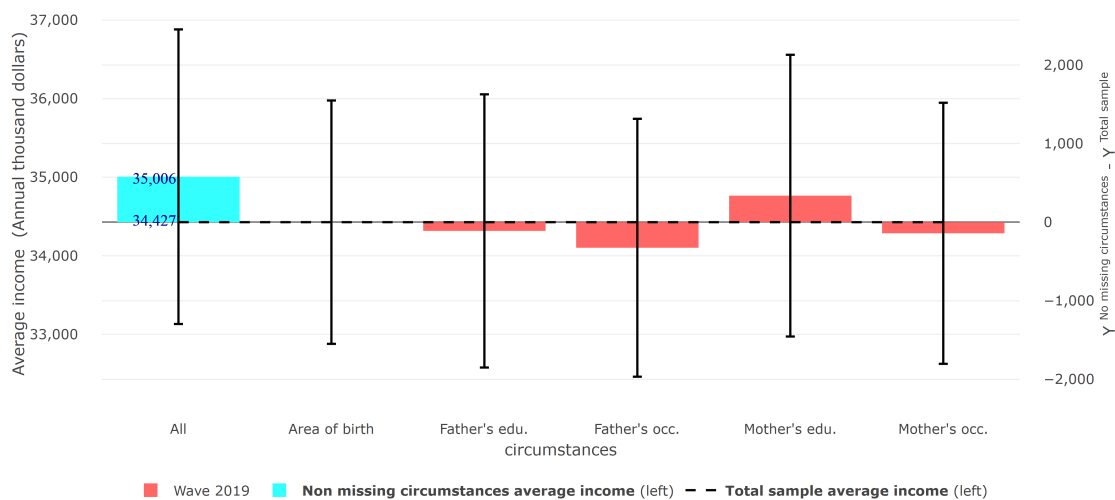## 3.2 Differences in expected total equivalized household income between samples

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 2019	Analysis sample	0.284	0.266	0.339	35,006
Wave 2019	Total sample	0.297	0.277	0.332	34,427

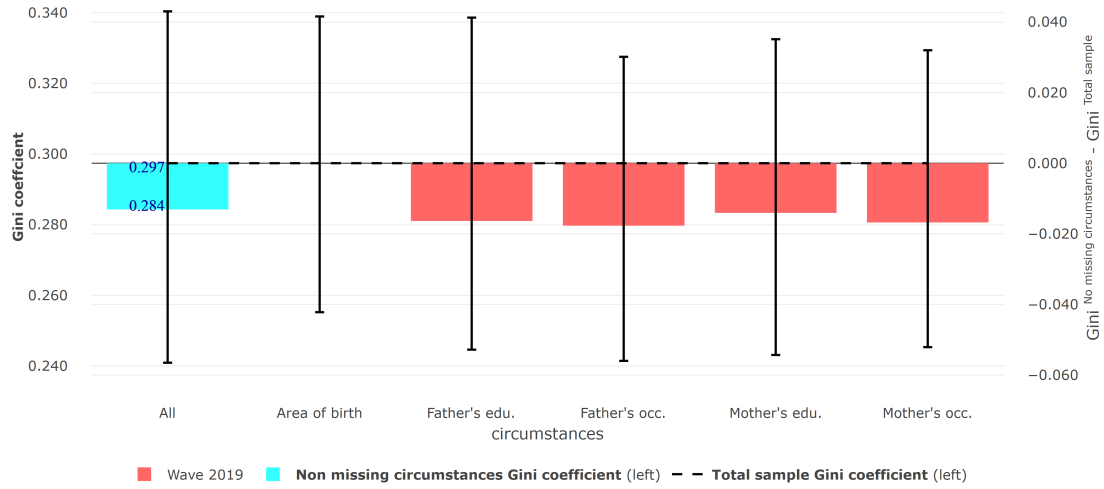## 3.4 Differences in Gini coefficient between samples

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