Argentina 2014

1   Survey Description

Survey: Encuesta Nacional sobre la Estructura Social (ENES), carried out by the Research Program on Contemporary Argentina Society (PISAC) at Ministry of Science, Technology, and Innovation of Argentina, for the year 2014.

Link to the document: https://www.argentina.gob.ar/ciencia/pisac/bases-de-datos

Sample: The survey was conducted between the second semester of 2014 and the first semester of 2015. The ENES collects information from 7 regions (8,265 households and 27,609 individuals) and is nationally representative for urban areas only. The selected sample is restricted to adult individuals aged 29 to 70 with information about outcome and circumstances, 19,203 individuals in the total sample and 6,632 individuals in the analysis sample. Section 3 of this document describes the prevalence and pattern of missing data.

Weights: The population weights are calibrated by taking as reference the age and sex structure of the province level according to the 2010 Population Census and demographic projections (*weights*).

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

Circumstances:

- Sex (female, male)
- Race 'Ethnicity' (indigenous, afro-descendant and others, described in Table 1)
- Region of birth 'Birthplace' (7 regions, described in Table 1)
- Father's edu. (years of education (maximum 15), described in Table 2)
- Mother's edu. (years of education (maximum 15), described in Table 2)
- Father's occ. (10 categories, 10 from 1-Digit ISCO + one category including 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 - 2014

	Analisis sample	Total sample
	(N=6,632)	(N=19,203)
Gender		
0 Female	3,629 (54.7%)	10,147 (52.8%)
1 Male	3,003 (45.3%)	9,051 (47.1%)
Missing	0 (0%)	5 (0.0%)
Ethnicity		
1 Indigenous	216 (3.3%)	741 (3.9%)
2 Afro-descendant	57 (0.9%)	158 (0.8%)
3 Other	6,359 (95.9%)	17,845 (92.9%)
Missing	0 (0%)	459 (2.4%)
Region of birth		
1 Gran Buenos Aires	1,353 (20.4%)	3,167 (16.5%)
2 Pampeana	2,034 (30.7%)	5,315 (27.7%)
3 Cuyo	1,005 (15.2%)	2,693 (14.0%)
4 NOA	945 (14.2%)	3,327 (17.3%)
5 Patagonia	362 (5.5%)	1,133 (5.9%)
6 NEA	646 (9.7%)	1,916 (10.0%)
7 Other country	287 (4.3%)	682 (3.6%)
Missing	0 (0%)	970 (5.1%)

Table 2: Parental education - 2014

	N	Mean	SD	Median	Min	Max	Missing
Analisis sample - Mother's edu	6,632	7.064	3.900	7	0	15	0
Analisis sample - Father's edu	6,632	7.212	4.015	7	0	15	0
Total sample - Mother's edu	19,203	7.060	4.018	7	0	15	9,548
Total sample - Father's edu	19,203	7.147	4.044	7	0	15	10,449

Table 3: Parental occupation - 2014

	Analisis sample	Total sample
	(N=6,632)	(N=19,203)
Father's occupation (ISCO)		
0 Armed forces	64 (1.0%)	144 (0.7%)
1 Managers	939 (14.2%)	1,877 (9.8%)
2 Professionals	302 (4.6%)	587 (3.1%)
3 Technicians and Associate professionals	402 (6.1%)	863 (4.5%)
4 Clerks	344 (5.2%)	739 (3.8%)
5 Services and Sales workers	855 (12.9%)	1,914 (10.0%)
6 Agricultural, Forestry and Fishery workers	549 (8.3%)	1,451 (7.6%)
7 Craft and trade workers	201 (3.0%)	500 (2.6%)
8 Plant and machine opperators and assemblers	970 (14.6%)	2,398 (12.5%)
9 Elementary occupations	1,822 (27.5%)	4,396 (22.9%)
10 Unemployed	184 (2.8%)	474 (2.5%)
Missing	0 (0%)	3,860 (20.1%)

Table 4: Respondant's income - 2014

	N	Mean	SD	Median	Min	Max	Missing
Analisis sample	6,632	13,228	10,664	10,409	81.38	124,294	0
Total sample	19,203	12,245	10,064	9,462	81.38	124,294	2

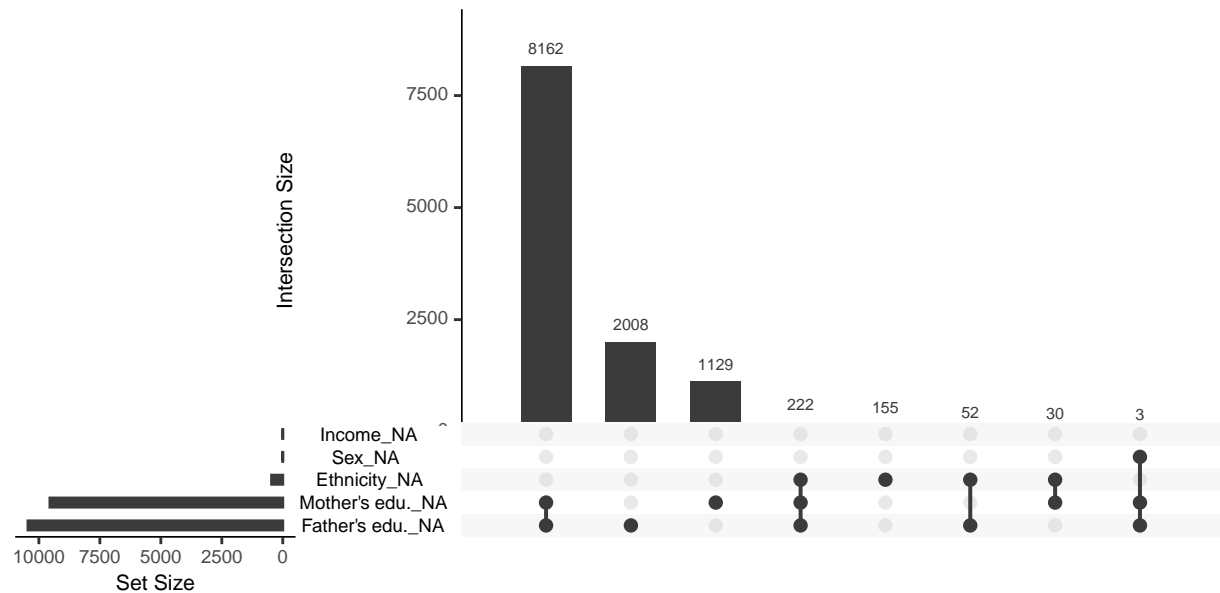# 3 Missing data analysis

3.1 Missing patterns

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

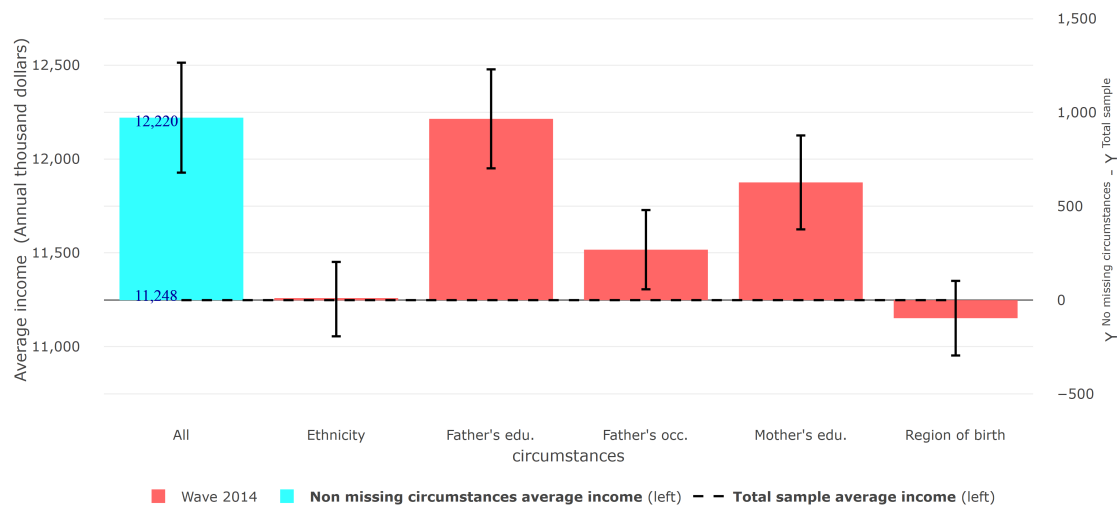## 3.2 Differences in expected total equivalized household income between samples

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 2014	Analysis sample	0.392	0.395	0.417	12,220
Wave 2014	Total sample	0.401	0.401	0.414	11,248

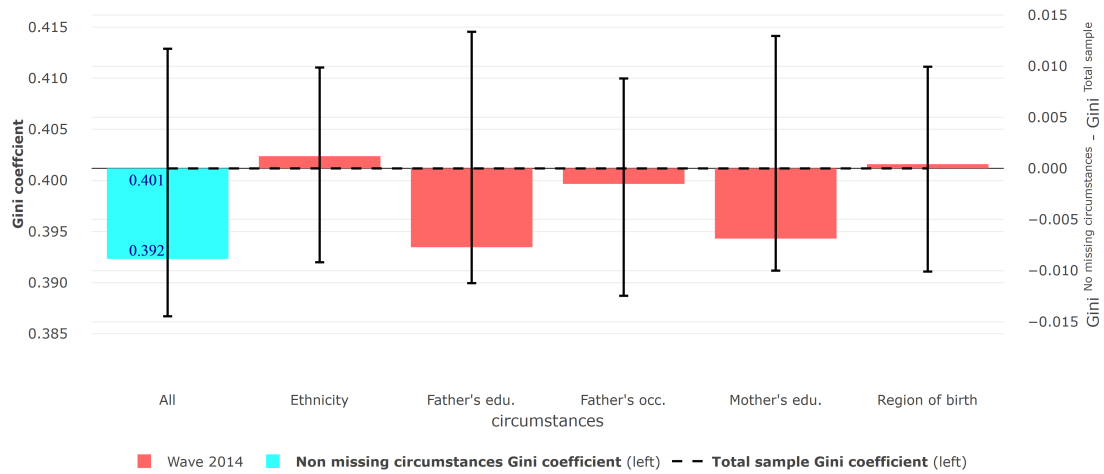## 3.4 Differences in Gini coefficient between samples

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