

## Supplementary material 1: Correspondence between variables in the Portuguese 2001 census and the EU-SILC survey.

EU-SILC survey Code/name	Portuguese 2001 Census Code/name*	Recodifications to guarantee matching between EU-SILC and census
<b>HH020: Tenure status</b> 1 - Owner 2 - Tenant or subtenant paying rent at prevailing or market rate 3 - Accommodation is rented at a reduced rate (lower price than the market price) 4 - Accommodation is provided free	AFCRHPO – Owned household AFCRHARR – Rented (regardless the price) household AFCRH – Total households	Census variables were grouped to match EU-SILC: AFCRHPO – Owned household (EU-SILC 1) AFCRHARR – Rented (regardless the price) household (EU-SILC 2-3) AFCRH – (AFCRHPO+ AFCRHARR) – Other situations (EU-SILC 4)
<b>HH080: Bath or shower in dwelling</b> 1 - Yes 2 - No	AFRHBN – Households with bath/shower	None
<b>HH090: Indoor flushing toilet for sole use of household</b> 1 - Yes 2 - No	AFRHRE – Households with indoor flushing	None

\* Answer categories do not fully match those in the 2001 Census questionnaire; these categories are those made available by Statistics Portugal (confidentiality issues)

EU-SILC survey Code/name	Portuguese 2001 Census Code/name*	Recodifications to guarantee matching between EU-SILC and census
<b>RB080: Year of birth</b> Continuous variable	HR15_19 - Resident male aged 15 - 19 yrs MR15_19 - Resident female aged 15 - 19 yrs HR20_64 - Resident male aged 20 - 64 yrs MR20_64 - Resident female aged 20 - 64 yrs HR65 - Resident male aged 65 yrs or more MR65 - Resident female aged 65 yrs or more	EU-SILC variables were grouped to match census: 1 - Resident male aged 15 - 19 yrs (census HR15_19) 2 - Resident female aged 15 - 19 yrs (census MR15_19) 3 - Resident male aged 20 - 64 yrs (census HR20_64) 4 - Resident female aged 20 - 64 yrs (census MR20_64) 5 - Resident male aged 65 yrs or more (census HR65) 6 - Resident female aged 65 yrs or more (census MR65)
<b>RB090: Sex</b> 1 - Male 2 - Female	HR15_19 + HR20_64 + HR65 – Resident males MR15_19 + MR20_64 + MR65 – Resident females	
<b>PL020: Actively looking for a job</b> 1 - Yes 2 - No	Unemployed resident population looking for a job in the last 30 days†	None

\* Answer categories do not fully match those in the 2001 Census questionnaire; these categories are those made available by Statistics Portugal (confidentiality issues); †These variables were obtained upon request; they were not freely available (no code assigned)

EU-SILC survey Code/name	Portuguese 2001 Census Code/name*	Recodifications to guarantee matching between EU-SILC and census
<b>PL050: Occupation (ISCO-88 (COM)) ‡</b> Code (2 digits)	IR_SP – Employed in the primary sector IR_SS – Employed in the secondary sector IR_ST – Employed in the tertiary sector	EU-SILC variables were grouped to match census: 1 - Primary sector – ISCO-88 = 61 (census IR_SP) 2 - Secondary sector – ISCO-88 = 01-71 (census IR_SS) 3 - Tertiary sector – ISCO-88 = 11-52 (census IR_ST)
<b>HH030: Number of rooms available to the household</b> 1 - 5 number of rooms 6 - 6 or more rooms	Households with 5 rooms or less† Households with 6 rooms or more	EU-SILC variables were grouped to match census: 1 - Households with 5 rooms or less (H5) 2 - Households with 6 rooms or more (H5)
<b>PE040: Highest ISCED-97§ level attained</b> 0 - Pre-primary education 1 - Primary education 2 - Lower secondary education 3 - (Upper) Secondary education 4 - Post-secondary non tertiary education 5 - First stage of tertiary education and second stage of tertiary education	IRQA_110 – 1 <sup>st</sup> - 4 <sup>th</sup> grades IRQA_120 – 5 <sup>th</sup> - 6 <sup>th</sup> grades IRQA_130 – 7 <sup>th</sup> - 9 <sup>th</sup> grades IRQA_200 – 10 <sup>th</sup> - 12 <sup>th</sup> grades IRQA_300 – Medium education IRQA_400 – University	Census variables were grouped to match EU-SILC: IRQA_110 + IRQA_120 - Primary education (EU-SILC 1) IRQA_130 - Lower secondary education (EU-SILC 2) IRQA_200 - (Upper) Secondary education (EU-SILC 3) IRQA_300 - Post-secondary non tertiary education (EU-SILC 4) IRQA_400 - First stage of tertiary education and second stage of tertiary education (EU-SILC 5)

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‡ International Standard Classification of Occupations, published by the International Labour Force (Geneva, 1990) § International Standard Classification of Education 1997.