Data description AMELIA

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1 Data description

1.1 General information

Variable:	Data file (FILE)
Values:	P und R
Missing values:	No missing values
Generation:	Persons over 16 years - P; under 16 years - R
Table:	P R 8007227 2005373
Variable EU-SILC	-
Purpose	Some variables can only exist for persons over 16 years, these are labeled with P.
Measurement scale	Nominal scale

1.2 Structural variables

Variable:	City (CIT)
Values:	1 : 1592
Generation:	Random draws from german register
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. 2 3094 6094 6289 8894 268700
Variable EU-SILC	-
Purpose	Is the same like LAU1, that variable does not exist in the EU-SILC Scientific Use file

Variable:	District (DIS)
Values:	1:40
Missing values:	No missing values
Generation:	Merger of adjacent cities
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. 173500 222100 248200 250300 281400 369400
Variable EU-SILC	-
Purpose	That variable does not exist in the EU-SILC Scientific Use file
Measurement scale	Nominal scale

Variable:	NUTS2 (NUTS2)						
Values:	1:11						
Missing values:	No missing values						
Generation:	Merger of adjacent districts						
Summary:	1	2	3	4	5	6	7
	941885	753006	767215	1382586	1290416	693562	899243
	8	9	10	11			
	637577	1047790	1064007	535313			
Variable EU-SILC	-						
Purpose	Stratification variable						
Measurement scale	Nominal scale						

Variable:	REG (REG)			
Values:	1:4			
Missing values:	No missing values			
Generation:	Merger of adjacent NUTS2 regions			
Summary:	1	2	3	4
	2462106	2673002	2230382	2647110
Variable EU-SILC	-			
Purpose	Stratification variable			
Measurement scale	Nominal scale			

Variable:	Degree of urbanisation (DOU)		
Values:	1:3		
Missing values:	No missing values		
Generation:	Random draw with propensisties from original EU-SILC file for cities.		
Table:	1	2	3
	4427322	2627067	2958211
Variable EU-SILC	DB100		
Purpose	Used for stratification		
Measurement scale	Nominal scale		
Editing rules	has to be equal for all persons in one city.		

1.3 Personal information

Variable:	Sex (SEX)		
Values:	1	2	
	4859468	5153132	
Generation:	Synthetic Sampling		
Variable EU-SILC:	RB090		
Measurement scale	Ratio measurement		

Variable:	Age (AGE)					
Values:	0:80					
Generation:	Synthetic Sampling					
Summary:	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
	0.00	20.00	40.00	39.36	57.00	80.00
Variable EU-SILC:	RX010					
Measurement scale	Ratio measurement					

Variable:	Age class (ACL)
Values:	1:5; Class limits: < 16,< 30,< 40,< 65,> 65
Missing values:	No missing values
Generation:	Synthetic Sampling
Measurement scale	Ordinal scale

Variable:	Marital Status (FST)				
Values:	Never married	Married	Separated	Widowed	Divorced
	1	2	3	4	5
Missing values:	Only for persons over 16 years				
Generation:	Synthetic Sampling				
Table:	1	2	3	4	5
	3832870	4948466	92344	609118	529802
Variable EU-SILC	PB190				
Measurement scale	Nominal				

Variable:	Houesehold size (HHG)					
Values:	1:16					
Missing values:	No missing values					
Generation:	Synthetic Sampling					
Summary:	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
	1.000	2.000	2.000	2.648	4.000	16.000
Variable EU-SILC	HX040					
Measurement scale	Ratio measurement					

Variable:	Household identifier (HID)
Values:	1:3781289
Missing values:	No missing values
Generation:	Synthetic Sampling
Variable EU-SILC	HB030
Measurement scale	Nominal scale

Variable:	Country of birth (PB210)			
Values:	1:4			
Missing values:	No missing values			
Generation:	Synthetic Sampling			
Table:	1	2	3	4
	145281	251931	6877349	732666
Variable EU-SILC	PB210			
Measurement scale	Nominal scale			

1.4 Education variables

Variable:	Current education activity (PE010)	
Values:	1	in education
	2	not in education
Missing values:	No missing values	
Generation:	Synthetic reconstruction	
Table:	1	2
	1018770	6988457
Variable EU-SILC	PE010	
Measurement scale	Nominal scale	

Variable:	Highest ISCED level attained (PE040)	
Values:	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 (not leading directly to an advanced research qualification) and second stage of tertiary education (leading to an advanced research qualification)
Missing values:	No missing values	
Generation:	Synthetic reconstruction	

Table:	1	2
	1018770	6988457

Variable EU-SILC	PE040
Measurement scale	Nominal scale

1.5 Health variables

Variable:	General health (PH010)	
Values:	1	very good
	2	good
	3	fair
	4	bad
	5	very bad
Missing values:	No missing values	
Generation:	Synthetic reconstruction	

Table:	1	2	3	4	5
	1684181	3389148	2039612	714991	179295

Variable EU-SILC	PH010
Measurement scale	Ordinal scale

Variable:	Suffer from any a chronic (long-standing) illness or condition (PH020)
Values:	1 yes 2 no
Missing values:	2005373 missing values
Generation:	Synthetic reconstruction
Table:	1 2 2519390 5487837
Variable EU-SILC	PH020
Measurement scale	Nominal scale

Variable:	Limitation in activities because of health problems (PH030)
Values:	1 yes, strongly limited 2 yes, limited 3 no, not limited
Missing values:	2005373 missing values
Generation:	Synthetic reconstruction
Table:	1 2 3 631195 1380646 5995386
Variable EU-SILC	PH030
Measurement scale	Nominal scale

Variable:	Unmet need for medical examination or treatment (PH040)
Values:	1 yes, strongly limited 2 yes, limited 3 no, not limited
Missing values:	2005373 missing values
Generation:	Synthetic reconstruction
Table:	1 2 3 631195 1380646 5995386
Variable EU-SILC	PH030
Measurement scale	Nominal scale

1.6 Employment variables

Variable:	Basic activity status (RB210)
Values:	1 at work 2 unemployed 3 in retirement or early retirement 4 other inactive person
Missing values:	2005373 missing values
Generation:	Synthetic reconstruction
Table:	1 2 3 631195 1380646 5995386
Variable EU-SILC	RB210
Measurement scale	Nominal scale

Variable:	Number of months spent in unemployment in income reference period (PL080)
Values:	1 - 13 number of months
Missing values:	8072441 missing values
Generation:	Synthetic reconstruction
Table:	1 2 3 4 5 6 7 1703631 19143 17164 17139 26714 17186 17724 8 9 10 11 12 13 29810 17580 18600 17859 17619 19990
Variable EU-SILC	PL080
Measurement scale	Ratio measurement

1.7 Personal income components

Variable:	Employee cash or near cash income (PY010D)
Values:	Length equals number of persons
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. NA's 0 0 0 8290 9119 230100
Variable EU-SILC	PY010G
Measurement scale	Discret scale

Variable:	Non-Cash employee income (PY020D)
Values:	Length equals number of persons
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. NA's 0.0 0.0 0.0 384.0 366.5 3260.0
Variable EU-SILC	PY020G
Measurement scale	Discret scale

Variable:	Cash benefits or losses from self-employment (PY050D)
Values:	Length equals number of persons
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. NA's 0 0 0 2370 0 999700
Variable EU-SILC	PY050G
Measurement scale	Discret scale

Variable:	Value of goods produced by own-consumption (PY070D)
Values:	Length equals number of persons
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. NA's 0.00 0.00 0.00 30.93 0.00 27040.00
Variable EU-SILC	PY070G
Measurement scale	Discret scale

Variable:	Unemployment benefits (PY090D)
Values:	Length equals number of persons
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. NA's 0.0 0.0 0.0 285.9 0.0 114100.0
Variable EU-SILC	PY090G
Measurement scale	Discret scale

Variable:	Old-age benefits (PY100D)
Values:	Length equals number of persons
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. NA's 0 0 0 2916 1426 804300
Variable EU-SILC	PY100G
Measurement scale	Discret scale

Variable:	Survivorâ™ benefits (PY110D)
Values:	Length equals number of persons
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. NA's 0.0 0.0 0.0 672.1 0.0 127000.0
Variable EU-SILC	PY110G
Measurement scale	Discret scale

Variable:	Sickness benefits (PY120D)
Values:	Length equals number of persons
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd 0.00 31.15 100.90 110.00 149.10 95950.00
Variable EU-SILC	PY120G
Measurement scale	Discret scale

Variable:	Disability benefits (PY130D)
Values:	Length equals number of persons
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. NA's 0 0 0 1366 0 145900
Variable EU-SILC	PY130G
Measurement scale	Discret scale

Variable:	(PY140D)
Values:	Length equals number of persons
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. NA's 0.0 0.0 0.0 199.9 0.0 78230.0
Variable EU-SILC	PY140G
Measurement scale	Discret scale

1.8 Household income components

Variable:	Total household gross income (HY010new)
Values:	Length equals number of households
Missing values:	No missing values
Generation:	Addition of several income components
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. NA's -215900 9214 24820 36030 50990 13100000 58812
Variable EU-SILC	HY010
Measurement scale	Discret scale

Variable:	Total disposable household income (HY020new)
Values:	Length equals number of households
Missing values:	No missing values
Generation:	Addition of several income components
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. -2311000 9828 29260 40520 59630 1647000
Variable EU-SILC	HY020
Purpose	Calculation of Equivalent disposable income
Measurement scale	Discret scale

Variable:	Imputed rent (HY030D)
Values:	Length equals number of households
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. 0 0 0 2897 5171 56300
Variable EU-SILC	HY030G
Purpose	Calculation of HY020
Measurement scale	Discret scale

Variable:	Income from rental of a property or land (HY040D)
Values:	Length equals number of households
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. 0.0 0.0 0.0 327.5 0.0 892100.0
Variable EU-SILC	HY040G
Purpose	Calculation of HY020
Measurement scale	Discret scale

Variable:	Family/Children related allowances (HY050D)
Values:	Length equals number of households
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. 0.0 0.0 0.0 909.2 703.7 57400.0
Variable EU-SILC	HY050G
Purpose	Calculation of HY020
Measurement scale	Discret scale
Editing rules	Only households with children

Variable:	Social exclusion not elsewhere classified (HY060D)
Values:	Length equals number of households
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. 0 0 0 836 126 37320
Variable EU-SILC	HY060G
Purpose	Calculation of HY020
Measurement scale	Discret scale

Variable:	Housing allowances (HY070D)
Values:	Length equals number of households
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. 0.0 0.0 0.0 268.7 0.0 46120.0
Variable EU-SILC	HY070G
Purpose	Calculation of HY020
Measurement scale	Discret scale

Variable:	Regular inter-household cash transfer received (HY080D)
Values:	Length equals number of households
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. 0.0 0.0 0.0 1035.0 235.5 1434000.0
Variable EU-SILC	HY080G
Purpose	Calculation of HY020
Measurement scale	Discret scale

Variable:	Interest, dividends, profit from capital investments in unincorporated business (HY090D)
Values:	Length equals number of households
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max.
Variable EU-SILC	Regular inter-household cash transfer received HY080G
Purpose	Calculation of HY020
Measurement scale	Discret scale

Variable:	Interest repayments on mortgage (HY100D)
Values:	Length equals number of households
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max.
Variable EU-SILC	HY080G
Purpose	Calculation of HY020
Measurement scale	Discret scale

Variable:	Income received by people aged under 16 (HY110D)
Values:	Length equals number of households
Missing values:	No missing values
Generation:	Synthetic Reconstruction and discretisation
Summary:	Min. 1st Qu. Median Mean 3rd Qu. Max. 0 0 0 6.083e-01 0 3.045e+04
Variable EU-SILC:	HY110G
Alternatives:	HY110C
Measurement scale:	Ratio measurement

Variable:	(HY120D)					
Values:	Length equals number of households					
Missing values:	No missing values					
Generation:	Synthetic Reconstruction and discretisation					
Summary:	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
	0	0	1.544	285.500	139.100	93180.000
Variable EU-SILC: HY120G						
Measurement scale:	Ratio measurement					