

GATEWAY TO
GLOBAL
AGING
DATA

Stress and Emotional Well-being Resources on the Gateway to Global Aging Data

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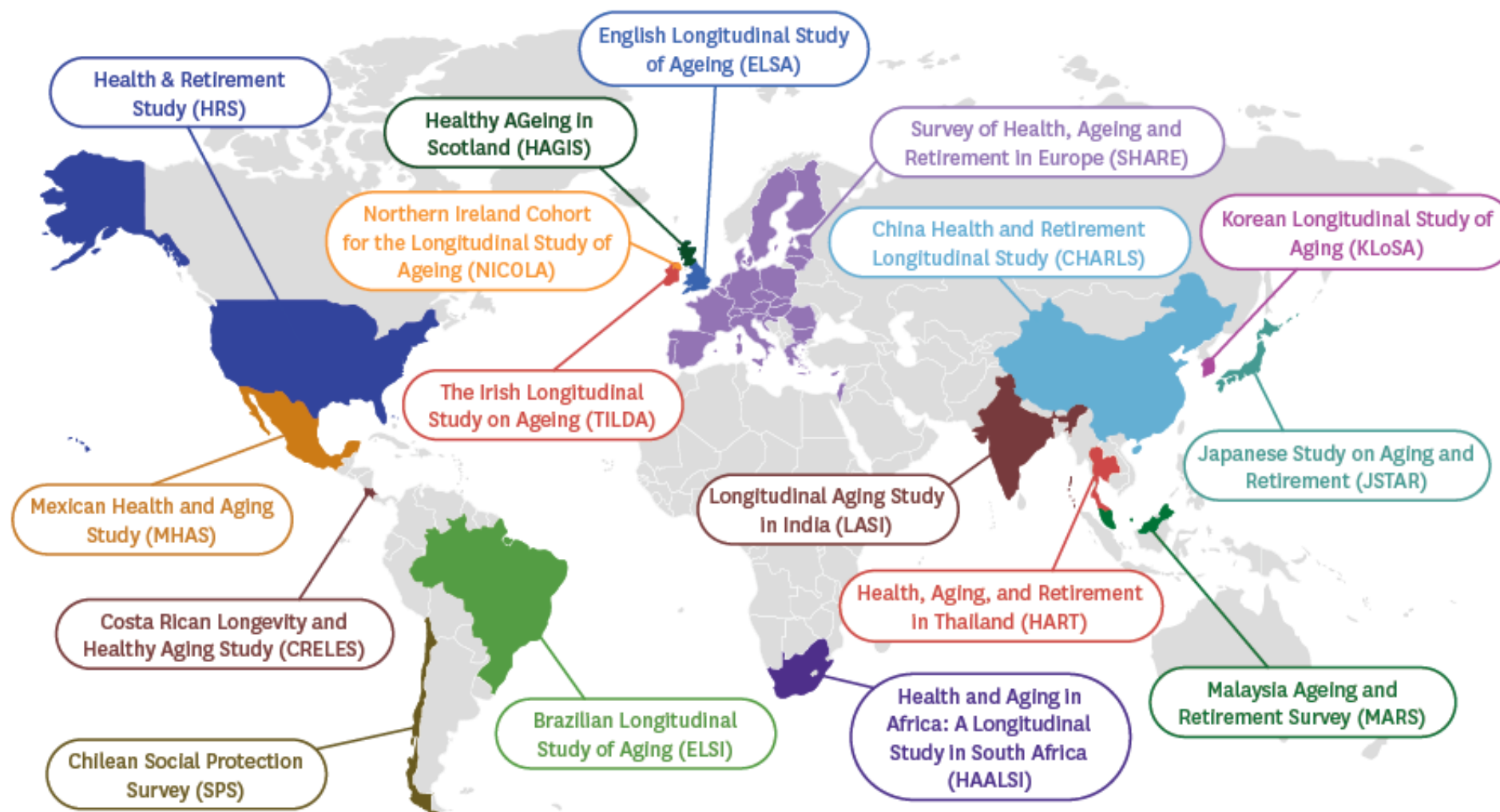
GATEWAY TO
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g2aging.org

A free public resource designed to facilitate cross-national and longitudinal studies on aging using the HRS international network of studies

2R01 AG030153, also collaborate on 2R24AG048024, 1U24AG072699

Health & Retirement Study International Network of Studies (HRS-INS)



Stress Measures by Study

STRESS DOMAIN:	STUDY								
	HRS	ELSA	SHARE	TILDA	JSTAR	KLoSA	CHARLS	MHAS	CRELES
Stressful life events and traumas	X+	X+	X*+	X+	X*+	X*+	X*+	X*+	X*+
Chronic strains	X	X		X*					X
Job strain/stress	X+	X+	X+		X+	X			
Discrimination	X+	X+		X*					
Social strain and unsupportive relationships	X+	X+	X	X+	X			X	X*
Loneliness	X+	X+	X+	X+	X*	X*	X*	X*	X*
Environmental/neighborhood disorder and lack of cohesion	X+	X+	X+		X				

*limited measurement of construct

+harmonized variable is available (at least one item is comparable across studies)

Emotional Well-being Measures by Study


	HRS	MHAS	ELSA	SHARE	KLoSA	JSTAR	TILDA	CHRLS	LASI
<i>Evaluative well-being</i>									
5-item satisfaction with life	X	X	X				X		X
Domain-specific satisfaction	X		X	X	X	X		X	X
Single-item life satisfaction	X	X	X	X	X	X	X	X	X
Single-item job satisfaction	X		X	X	X	X	X		
Cantril ladder	X	X	X			X	X		X
<i>Hedonic well-being</i>									
PANAS-X	X		X						
<i>Eudaimonic well-being</i>									
CASP-19/CASP-12	X		X	X		X	X		
Purpose in life	X		X				X		
<i>Experienced well-being</i>									
Positive affect	X			X				X	X
Negative affect	X			X				X	X

What's Available on the Gateway

- **HRS family studies**
 - Study overviews
 - Survey questionnaires
 - Question search by keyword
 - Question concordance
 - User guides
- **Harmonized data**
 - Harmonized data overview
 - Harmonized variable search
 - Harmonized variable concordance
 - Survey statistics & contextual data shown in interactive graphs and tables
- Policy explorer
- Search of publications based on HRS family surveys
- Gateway Data Enclave

Study Overviews

- Links to study's cohort profile paper
- Introduces the study's sampling framework



ELSA
<https://www.elsa-project.ac.uk>

The English Longitudinal Study of Ageing (ELSA) is a panel survey of people aged 50 and over and their partners, living in private households in England. Its main goal is to provide an interdisciplinary data resource on health, economic position and quality of life as people age. The survey elicits information about demographics, income, assets, health, cognition, family structure and connections, health care use and costs, housing, job status and history, expectations, and insurance.

Cohort Profile: Zaninotto, P., & Steptoe, A. (2019). English longitudinal study of ageing. In D. Gu & M. E. Dupre (eds.), *Encyclopedia of gerontology and population aging*. Springer, Cham.

Secondary Cohort Profile: Steptoe, A., Breeze, E., Banks, J., & Nazroo, J. (2013). Cohort profile: the English longitudinal study of ageing. *International journal of epidemiology*, 42(6), 1640-1648.

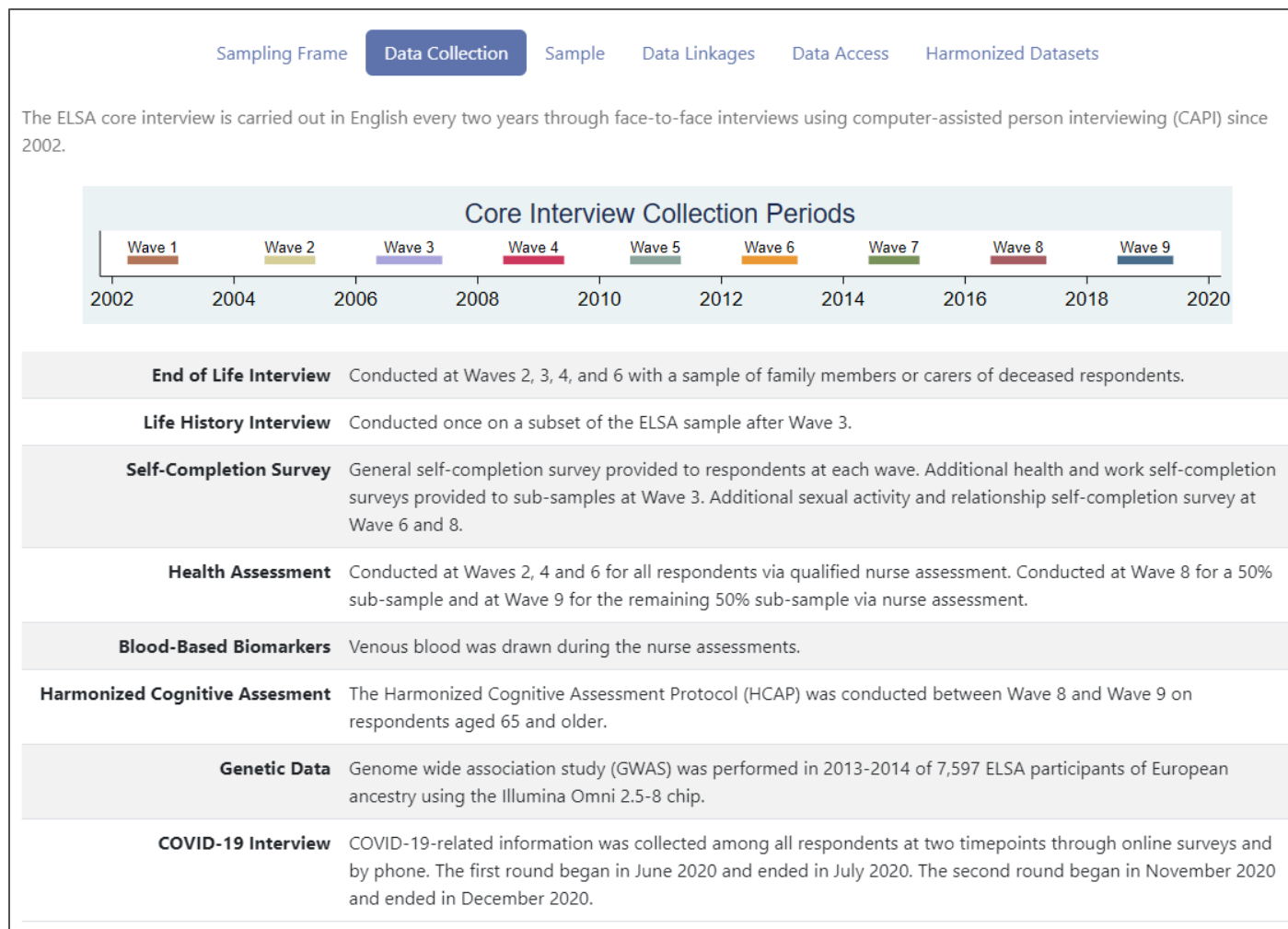
Sampling Frame
Data Collection
Sample
Data Linkages
Data Access
Harmonized Datasets

The ELSA sample is a nationally representative sample of the population aged 50 years and older, living in private households in England. The initial sample was recruited in 2002/03 from consenting households that had participated in the Health Survey for England (HSE) in 1998, 1999, and 2001.

Age Eligibility	Age 50 and older
People Interviewed per Household	All age-eligible residents of household (plus spouse if any)
Spouse Inclusion	Spouse of any age
Representativeness	Nationally Representative
Institutional Representation	Respondents followed into institutions
Oversampling	None

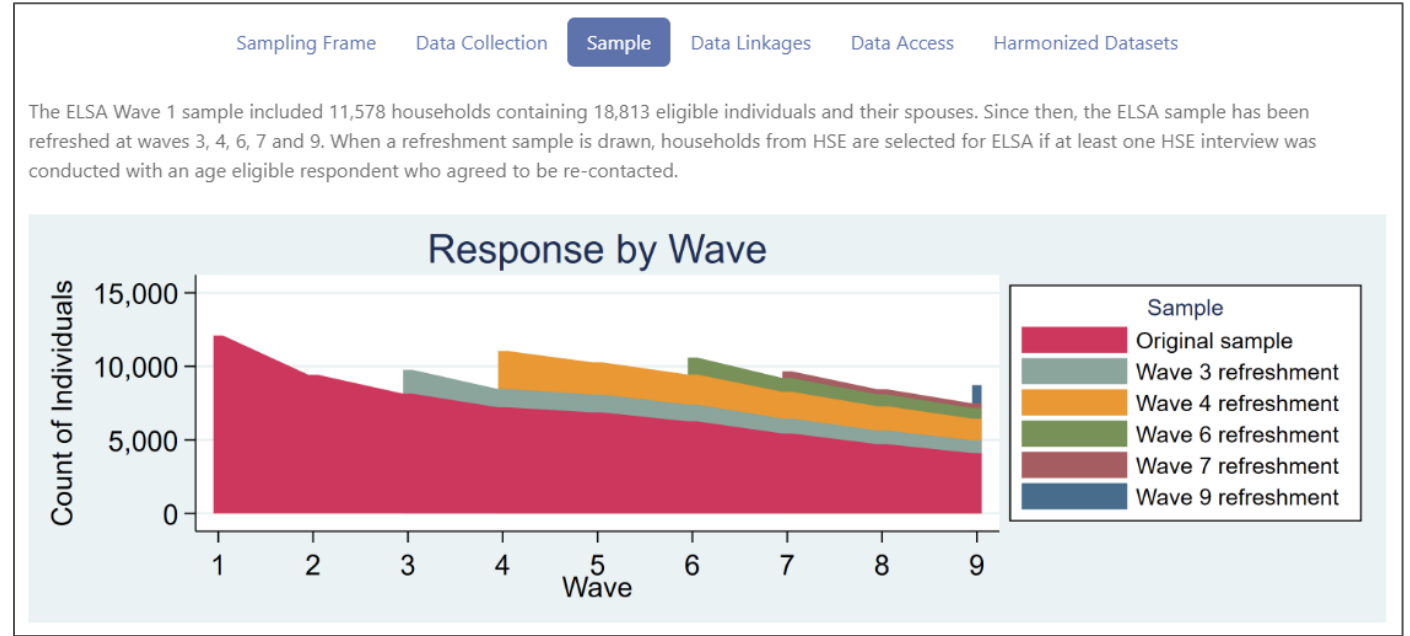
Study Overviews

- Highlights the timing of the core interview collection periods
- Provides information on other types of surveys fielded as part of the study



Study Overviews

- Provides information on refreshment samples
- Highlights study participation by wave for each sample
- Lists the types of administrative linkages included in the study



Sampling Frame Data Collection Sample **Data Linkages** Data Access Harmonized Datasets

The ELSA includes linkages to administrative data. Respondents are asked for permission to link to official records of National Insurance contributions, welfare and benefit receipt, details of any tax credits they may be claiming, Hospital Episode Statistics and NHS Central Register (mortality) and cancer registration data.

Mortality	Office for National Statistics
Healthcare Utilization	Hospital Episode Statistics
Cancer	Public Health England
Pension	National Insurance Records
Benefits	Department of Work and Pensions

Study Overviews

- Links to obtain all available study data, including restricted data

Sampling Frame Data Collection Sample Data Linkages **Data Access** Harmonized Datasets

Most public access ELSA data can be downloaded from the UK Data Service (UKDS). There are three levels of access available from UKDS: 1) End User License (EUL), 2) Special License (SL), 3) Secure Access (SA). The EUL-level data are anonymized and only require registration with UKDS. The SL-level data include variables posing slightly higher risk of disclosure and require additional approval. The SA-level data are considered sensitive and are only available via a Secure Lab or encrypted remote access.

Core interview	Available via: UK Data Service
End of life interview	
Life history interview	
Self-completion survey	
Health assessment	
Harmonized cognitive assessment	
COVID-19 interview	
GWAS Data	Available via: European Genome-phenome Archive (EGA)
Polygenic Score Data	Available via request from: ELSA team
Linked economic data	Available by request from: ELSA Linked Data Access Committee (ELDAC)
Linked health data	Available by request from: NatCen ELSA team

Study Overviews

- Links to obtain Harmonized versions of study data

Sampling Frame Data Collection Sample Data Linkages Data Access **Harmonized Datasets**

The Gateway to Global Aging Data has created several user-friendly datasets based on ELSA data designed to allow researchers to conduct cross-wave and cross-study analysis.

Harmonized ELSA	A dataset of research-ready variables derived from the core interviews, self-completion assessments, and health assessments of Waves 1 - 9.	Download via UK Data Service
Harmonized ELSA End-of-Life	A dataset of research-ready variables derived from the end-of-life interviews of Waves 2, 3, 4, and 6.	Download via UK Data Service
Harmonized ELSA Life History	An age-sequenced dataset of research-ready variables derived from the Wave 3 Life History Interview.	Download via UK Data Service
Harmonized ELSA HCAP	A dataset of research-ready variables derived from the Harmonized Cognitive Assessment Protocol (HCAP) conducted between Wave 8 and Wave 9.	Download via UK Data Service

Survey Questionnaires

- Provides survey questions from all parts of the survey
 - Core interview
 - End of Life interview
 - Life History interview
 - Health assessment
 - Self-Completion survey
 - Harmonized Cognitive Assessment Protocol (HCAP)
- Includes question text and interviewer prompts
- Includes answer types and choices, and how the values are formatted

QUESTIONNAIRES

QUESTIONNAIRE TYPE: Core Interview (dropdown)

YEAR: 2000 (slider) to 2020 (slider)

STUDY	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020
HRS	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	
								UAS HRS W1			
MHAS	W1	W2					W3	W4		W5	
ELSA		W1	W2	W3	W4	W5	W6	W7	W8	W9	
SHARE			W1	W2		W4	W5	W6	W7	W8	
CRELES			W1	W2	W3	W4	W5				
KLoSA				W1	W2	W3	W4	W5	W6	W7	
JSTAR				W1	W2	W3	W4				
TILDA						W1	W2	W3	W4		
CHARLS						W1	W2	W3		W4	

Questionnaire Search

- Search using any keywords
- Limit search by study and year
- View results from every survey questionnaire

QUESTIONNAIRE SEARCH

KEYWORD

STUDY

YEAR

SURVEY TYPE

SURVEY

MODULE

10 rows per page

RESET SEARCH

LABEL	SURVEY	MODULE	DESCRIPTION
PSCEDA	ELSA 2018	PS. Psychosocial	(Much of the time during the past week), you felt depressed? INTERVIEWER: Prompt...
PSCEDA	ELSA 2016	PS. Psychosocial	(Much of the time during the past week), you felt depressed? INTERVIEWER: Prompt...
HEPSYA	ELSA 2016	HE. Health	I have some questions about any treatment you may have had for your depression....
PSCEDA	ELSA 2014	PS. Psychosocial	(Much of the time during the past week), you felt depressed?
PSCEDA	ELSA 2012	PS. Psychosocial	whether depressed in the past week
EIMHFC	ELSA 2012	ES. Exit Survey	Do you think [^he/she] was depressed during [^his/her] last year of life? IF YES,...
HEPSYA	ELSA 2008	HE. Health	I have some questions about any treatment you may have had for your depression....
PSCEDA	ELSA 2008	ER. Effort & Reward	Whether felt depressed much of the time last week
EIMHFC	ELSA 2008	ES. Exit Survey	Do you think [heshe] was depressed during [hisher] last year of life? IF YES,...
SCGHQI	ELSA 2006	SC. Self-completion Questionnaire	whether recently been feeling unhappy and depressed

Question Concordance

- See the availability and comparability of survey questions across time and between studies for select topics

DOMAIN : TOPIC SURVEY QUESTION STUDY

Loneliness Loneliness How often do you feel you lack co... -- select --

[Reset](#)

How Often Do You Feel You Lack Companionship? How Often Do You Feel Left Out?

[Download concordance table \(Format: Excel\)](#)

	How often do you feel you lack companionship? ×		How often do you feel left out? ×	
STUDY	WAVES	NOTES	WAVES	NOTES
HRS	w6-w15	Response Scale: 1.Often 2.Some of the time 3.Hardly ever or never	w6-w15	w6 Response Scale: 1.Hardly ever or never 2.Some of the time 3.Often w7-15 Response Scale: 1.Often 2.Some of the time 3.Hardly ever or never
MHAS	w4	Response Scale: 1.Hardly ever or never 2.Some of the time 3.Often	w4	Response Scale: 1.Hardly ever or never 2.Some of the time 3.Often
ELSA	w2-w9	Response Scale: 1.Hardly ever or never 2.Some of the time 3.Often	w1-w9	w1-w3 Response Scale: 1. Often 2. Sometimes 3. Rarely 4. Never w4-w9 Response Scale: 1.Hardly ever or never 2.Some of the time 3.Often

Domain-Specific User Guides

- Read in-depth documentation summarizing how different research domains were collected across HRS studies and hear expert opinions on their comparability
 - Chronic Medical Conditions
 - Financial Transfers
 - Expectations
 - Employment & Retirement
 - Income
 - Wealth
 - Cognition
 - Health Behavior
 - Informal Care
 - Household Expenditure
 - Healthcare Utilization
 - **Stress**
 - Physical Measures
 - Physical Functional Health
 - **Subjective Wellbeing**

Domain-Specific User Guides

Measures of Stress in the Health and Retirement Study (HRS) and the HRS Family of Studies

USER GUIDE

Tara L. Gruenewald, Alexandra D. Crosswell*, Elissa Epel, Stefanie Mayer, Jacqui Smith, & Jinkook Lee

Version date: April 2020

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USC Dornsife
*Center for Economic
and Social Research*

USC Schaeffer
Leonard D. Schaeffer Center
for Health Policy & Economics

Harmonization of Cross-National Studies of Aging to the Health and Retirement Study

*Jacqui Smith, Lindsay Ryan, Yoobin Park,
Alexandra Crosswell, Drystan Phillips & Jinkook Lee*
Paper No: 2022-006

CESR-SCHAEFFER WORKING PAPER SERIES

The Working Papers in this series have not undergone peer review or been edited by USC. The series is intended to make results of CESR and Schaeffer Center research widely available, in preliminary form, to encourage discussion and input from the research community before publication in a formal, peer-reviewed journal. CESR-Schaeffer working papers can be cited without permission of the author so long as the source is clearly referred to as a CESR-Schaeffer working paper.

cesr.usc.edu

healthpolicy.usc.edu

Harmonized Data

Harmonized datasets are created to provide comparable research-ready variables.

- Variables are defined as similarly as possible across all waves and studies.
- Each dataset combines all available waves from each study; each individual is one record.
- All variables use intuitive variable names and study-specific variable names are used to indicate significant inter-study differences.

The Gateway currently produces five types of Harmonized data:

Core

End of
Life

Life
History

HCAP

COVID

Harmonized Core Data

Harmonized core datasets are created to provide comparable research-ready variables:

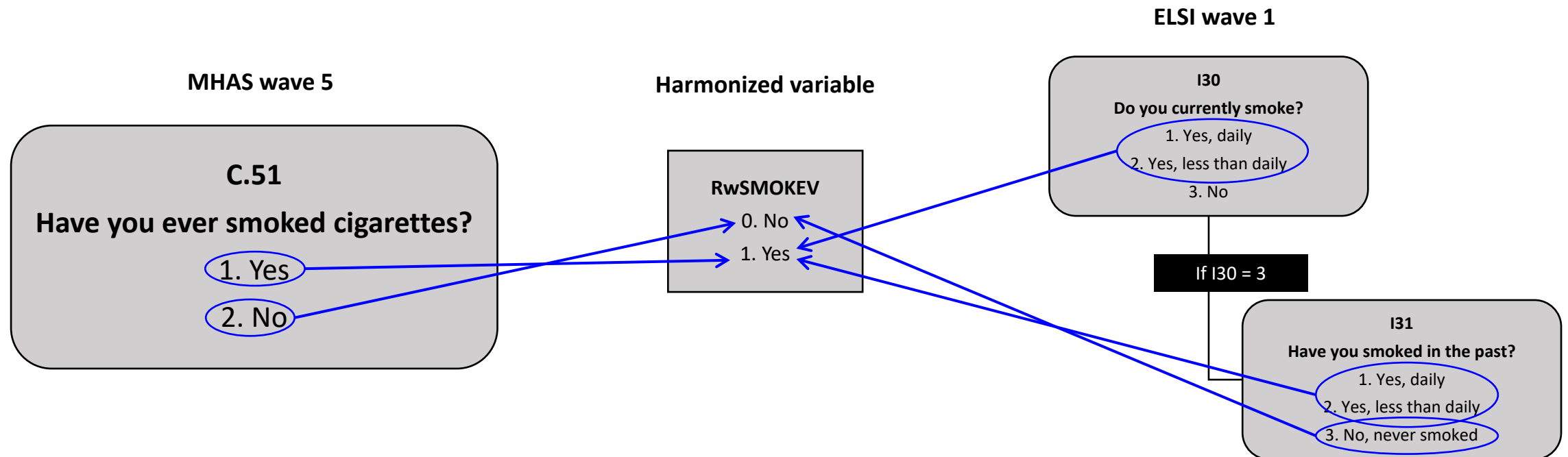
- All variables use intuitive variable names, e.g. R1WORK – whether the respondent is currently working in wave 1
- Spouse versions of most variables are also created, e.g. S2WORK – whether respondent's spouse is currently working in wave 2
- Study specific variable names are used to indicate significant inter-study differences, e.g. R1LBRF_M – respondent's labor force status in wave 1 of MHAS, with different response scale
- Variables have been built to account for the survey's skip patterns

Simple Harmonization

Harmonized variable name: RwSMOKEV

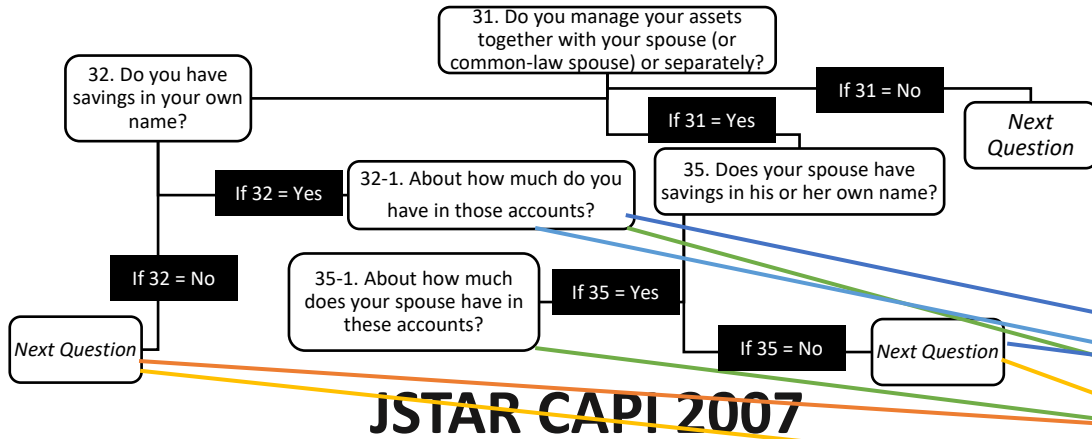
Harmonized variable codes:

- 0. No, the respondent has never smoked
- 1. Yes, the respondent has smoked

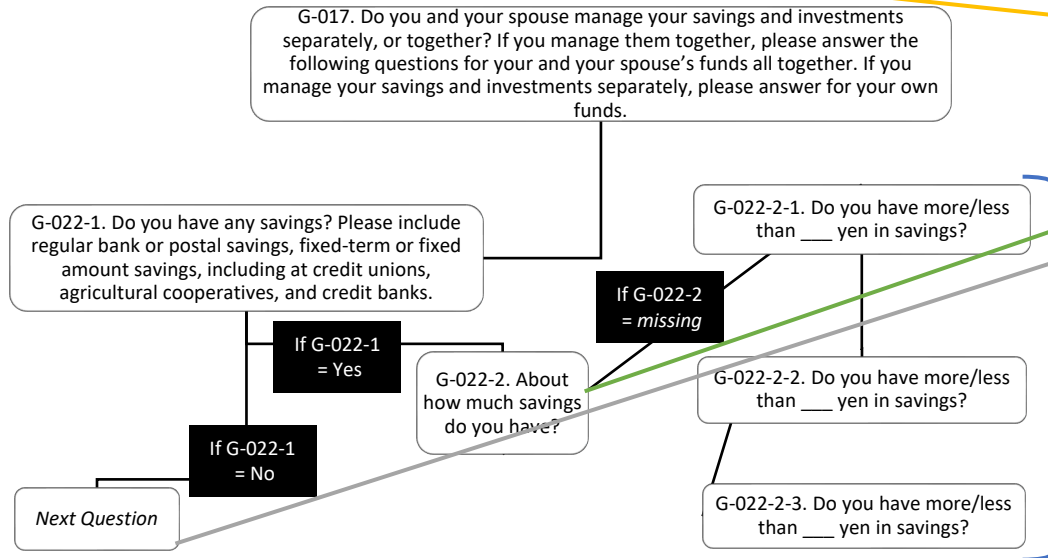


Complex Harmonization

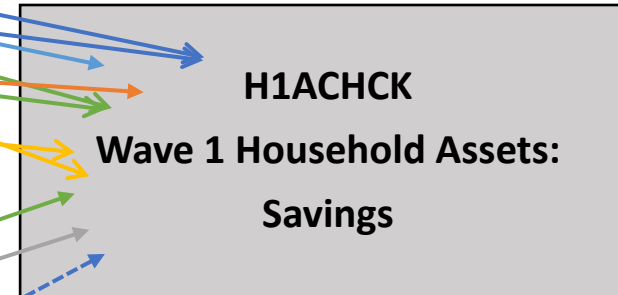
JSTAR Self-completion 2007



JSTAR CAPI 2007



Harmonized JSTAR



Harmonized Codebooks

Each harmonized dataset is accompanied by its own codebook

USC Dornsife
Center for Economic
and Social Research
Program on Global
Aging, Health, and Policy

Harmonized CHARLS
Documentation

VERSION D (2011-2018), JUNE 2021

Drystan Phillips, Hunter Green, Sarah Petrosyan, Kanghong Shao,
Jenny Wilkens, & Jinkook Lee

We greatly appreciate support from the National Institute on Aging
(R01 AG030153, RC2 AG036619, R03 AG043052)

g2aging.org

- Introduces the harmonization project and study
- Overviews survey timing, survey design, and sampling framework
- Discusses weighting and imputation
- Details specifics of harmonization process
- Divides variables into sections based on research domain

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Harmonized Codebooks

Summarizes each set of variables

Categorical Variable Codes				
Value-----	R1SATLIFE	R2SATLIFE	R3SATLIFE	R4SATLIFE
.d:dk	57			
.m:missing	1795	1674	372	731
.p:proxy	1473	477	1257	933
.r:refuse	21			
1.Not at all satisfied	365	467	337	577
2.Not very satisfied	1911	1860	1325	1542
3.Somewhat satisfied	8942	10069	9441	9801
4.Very satisfied	2879	3516	7053	5303
5.Completely satisfied	265	549	1312	929
Value-----	S1SATLIFE	S2SATLIFE	S3SATLIFE	S4SATLIFE
.d:dk	40			
.m:missing	1320	1239	176	462
.p:proxy	1272	376	937	715
.r:refuse	16			
.u:unmar	2260	2401	2719	2926
.v:sp nr	538	622	650	517
1.Not at all satisfied	297	357	221	427
2.Not very satisfied	1586	1539	1062	1210
3.Somewhat satisfied	7731	8639	8112	8311
4.Very satisfied	2426	2980	6075	4482
5.Completely satisfied	222	450	1141	755

Harmonized Codebooks

Details variable creation and any assumptions made in the creation

How Constructed:

RwSATLIFE and RwsATLIFEZ indicate the respondent's level of life satisfaction. In CHARLS, life satisfaction is asked with the question "Please think about your life-as-a-whole. How satisfied are you with it?" and using the response scale of 1.Completely satisfied, 2.Very satisfied, 3.Somewhat satisfied, 4.Not very satisfied, and 5.Not at all satisfied. To make RwsATLIFE comparable across Harmonized datasets, responses to this question have been reverse-coded, so that RwsATLIFE is coded as follows: 1.Not at all satisfied, 2.Not very satisfied, 3.Somewhat satisfied, 4.Very satisfied, and 5.Completely satisfied. RwsATLIFEZ is a z-scored version of the respondent's level of life satisfaction, and is calculated by z-scoring RwsATLIFE. Special missing value (.p) is assigned if this question was skipped because the interview was completed by a proxy. Don't know, refused, and missing responses are assigned special missing values (.d), (.r), and (.m), respectively. RwsATLIFE and RwsATLIFEZ are coded as blank missing (.) if the respondent did not respond to this wave.

At Waves 1 and 3, CHARLS provides a variable, proxy, to identify interviews when the selected respondent was absent or totally unable to answer the questions. This variable is not available at Waves 2 and 4. The absence of this variable may explain in part the high number of missing values at Waves 2 and 4.

SwsATLIFE and SwsATLIFEZ indicate the respondent's spouse's level of life satisfaction. SwsATLIFE and SwsATLIFEZ are taken from the spouse's values to RwsATLIFE and RwsATLIFEZ, respectively. In addition to the special missing values using in RwsATLIFE and RwsATLIFEZ, SwsATLIFE and SwsATLIFEZ employ two additional special missing values. Special missing value (.u) is assigned if the respondent does not report being coupled in the current wave. Special missing value (.v) is assigned if the respondent reports being coupled in the current wave but their spouse is not interviewed.

Harmonized Codebooks

Highlights differences between waves and any differences between this variable and the HRS version of the Harmonized variable

Cross Wave Differences in CHARLS

The current release of the CHARLS data includes a large number of missing responses to the question asking the respondent's level of life satisfaction, especially at Waves 1 and 2.

Differences with the RAND HRS/Harmonized HRS

No differences known.

Harmonized Codebooks

Lists all the variables from the originating dataset used in the creation of the variable

CHARLS Variables Used:

Wave 1:

DB032	How Often Did the Respondent Receive Assistance
DC028	Self Comment of Your Life
PROXY	interview done by proxy

Wave 2:

DB032	Receive Assistance
DC028	Life Satisfaction

Wave 3:

DB032	Receive Assistance
DC028	Life Satisfaction
PROXY	Proxy Mode or Not

Wave 4:

DB032	How often the Respondent Receive Assistance
DC028	Life Satisfaction

Core Harmonized Data Files

Harmonized HRS - incorporates the first fifteen waves of HRS (1992 - 2020), complementing RAND HRS

Harmonized MHAS - incorporates the first five waves of MHAS (2001, 2003, 2012, 2015, 2018)

Harmonized ELSA - incorporates the first nine waves of ELSA (2002 - 2018)

Harmonized SHARE - incorporates the first, second, fourth - eighth waves of SHARE (2004, 2006, 2010, 2013, 2015, 2017, 2019)

Harmonized CRELES - incorporates the five waves of CRELES (2005, 2007, 2009, 2010, 2012)

Harmonized KLoSA - incorporates the first eight waves of KLoSA (2006 - 2020)

Harmonized JSTAR - incorporates the first three waves of JSTAR (2007, 2009, 2011)

Harmonized TILDA - incorporates the first four waves of TILDA (2010 - 2016)

Harmonized CHARLS - incorporates the first four waves of CHARLS (2011, 2013, 2015, 2018)

Harmonized LASI - incorporates the first wave of LASI (2017 - 2019)

Harmonized MARS - incorporates the first wave of MARS (2018 - 2019)

Harmonized Variable Search

- Search using any keywords
- Limit search by study and year
- View results from Harmonized dataset

KEYWORD:

STUDY:

YEAR:

SURVEY TYPE:

10 rows per page

LABEL	DATA SET	MODULE	DESCRIPTION
r5whappy	Harmonized MHAS	Section Q: Psychosocial	r5whappy: w5 R CESD-Felt happy
s5whappy	Harmonized MHAS	Section Q: Psychosocial	s5whappy: w5 S CESD-Felt happy
r4whappy	Harmonized MHAS	Section Q: Psychosocial	r4whappy: w4 R CESD-Felt happy
s4whappy	Harmonized MHAS	Section Q: Psychosocial	s4whappy: w4 S CESD-Felt happy
r3whappy	Harmonized MHAS	Section Q: Psychosocial	r3whappy: w3 R CESD-Felt happy
s3whappy	Harmonized MHAS	Section Q: Psychosocial	s3whappy: w3 S CESD-Felt happy
r2whappy	Harmonized MHAS	Section Q: Psychosocial	r2whappy: w2 R CESD-Felt happy
s2whappy	Harmonized MHAS	Section Q: Psychosocial	s2whappy: w2 S CESD-Felt happy
r1whappy	Harmonized MHAS	Section Q: Psychosocial	r1whappy: w1 R CESD-Felt happy
s1whappy	Harmonized MHAS	Section Q: Psychosocial	s1whappy: w1 S CESD-Felt happy

Variable Concordance

- See the availability and comparability of Harmonized variables for selected topics

TOPIC : SUBTOPIC
VARIABLE NAME

Stress & Psychosocial Content
▼

Satisfaction Items
▼

All selected (25)
▼

↻ Reset

Stress & Psychosocial Content > Satisfaction Items

- **Domain-Specific Satisfaction:** These variables indicate the level of agreement with statements about the respondent's satisfaction with their health, financial situation, and where they live.
- **Satisfaction with Family and Friends:** These variables indicate the level of agreement with statements about the respondent's satisfaction with their family life, spouse, children, and friendships.
- **Satisfaction with Life:** These variables indicate the level of agreement with statements about the respondent's life satisfaction.

VARIABLE	DESCRIPTION	DATASET
RwSATHOME Domain-Specific Satisfaction	Satisfaction with home	Harmonized HRS - w9-15 Harmonized ELSA - w5 (RwSATHOME_E) Harmonized LASI - w1
RwSATAREA Domain-Specific Satisfaction	Satisfaction with city/town	Harmonized HRS - w9-15 Harmonized ELSA - w5 (RwSATAREA_E)
RwSATFNNCL Domain-Specific Satisfaction	Satisfaction with financial situation	Harmonized HRS - w9-15 ¹ Harmonized KLoSA - w1-8 (RwSATFNNCL_K) ²
RwSATHLTH Domain-Specific Satisfaction	Satisfaction with health	Harmonized HRS - w9-15 ¹ Harmonized KLoSA - w1-8 (RwSATHLTH_K) ²

Harmonized Stress Variables

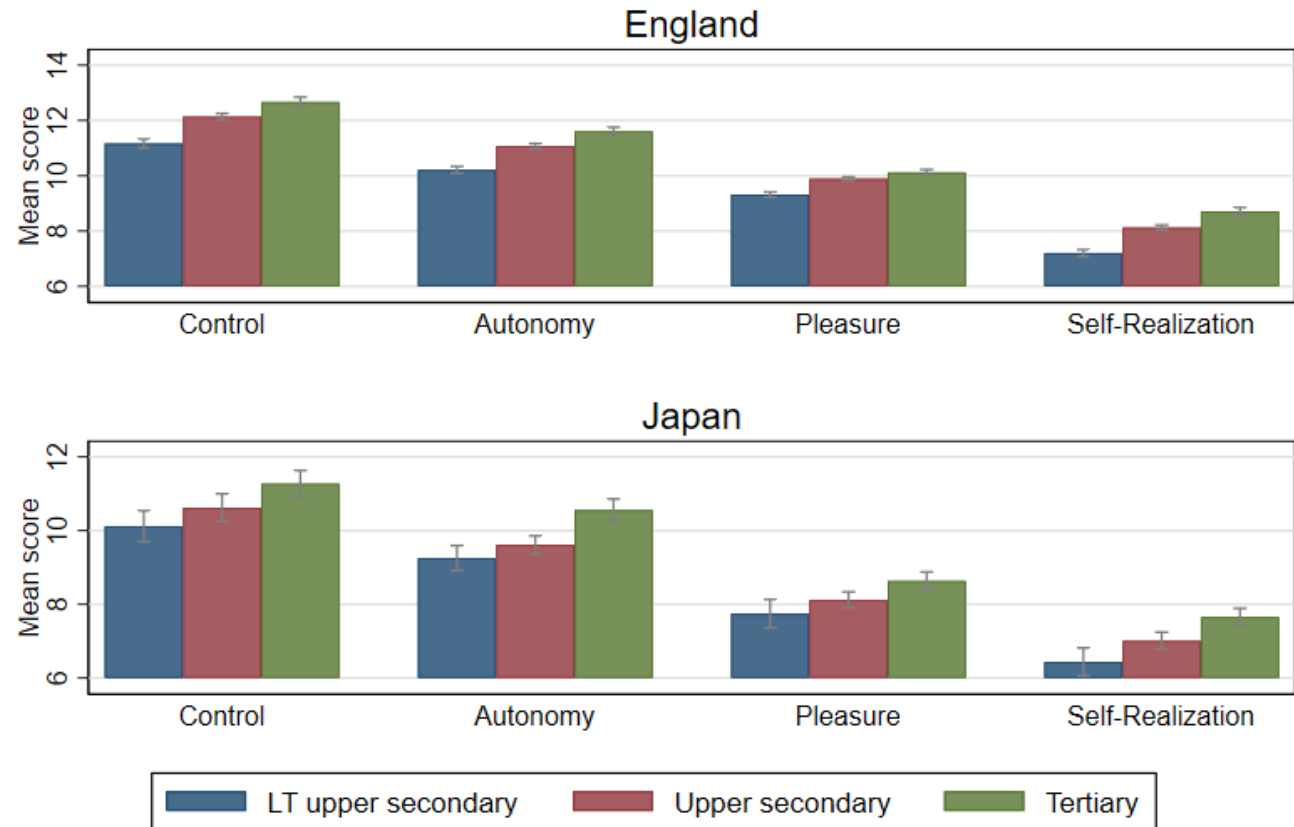
	HRS	MHAS	ELSA	SHARE	KLoSA	TILDA	CHARLS	LASI
Job Stress	✓		✓	✓	✓			
Neighborhood Disorder	✓		✓			✓		✓
Lifetime Stressful Events	✓		✓	✓		✓	✓	✓
Parental Warmth	✓		✓				✓	
Loneliness	✓		✓	✓		✓		
Social Support	✓	✓	✓			✓		
Discrimination	✓		✓			✓		✓

Harmonized Emotional Well-being Variables

	HRS	MHAS	ELSA	SHARE	KLoSA	TILDA	CHARLS	LASI
Life Satisfaction	✓	✓	✓	✓		✓	✓	✓
Domain-specific Satisfaction	✓		✓		✓			✓
Cantril Ladder	✓	✓						✓
PANAS-X	✓		✓					
MIDUS	✓							
CASP	✓		✓					
Ryff's	✓		✓					
Experienced Well-being	✓		✓					✓

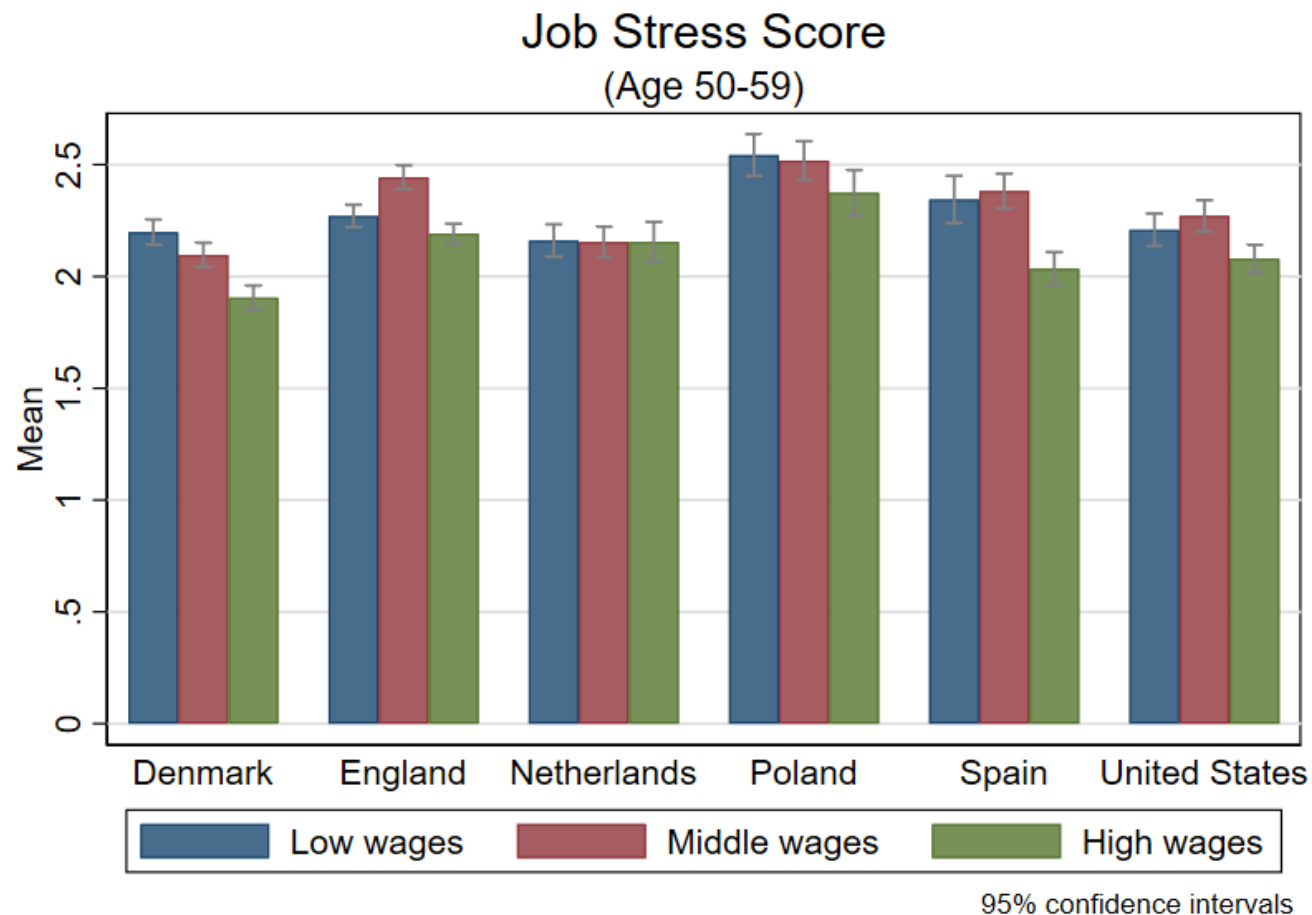
CASP Harmonized Variables Example

CASP Scales by Education Level



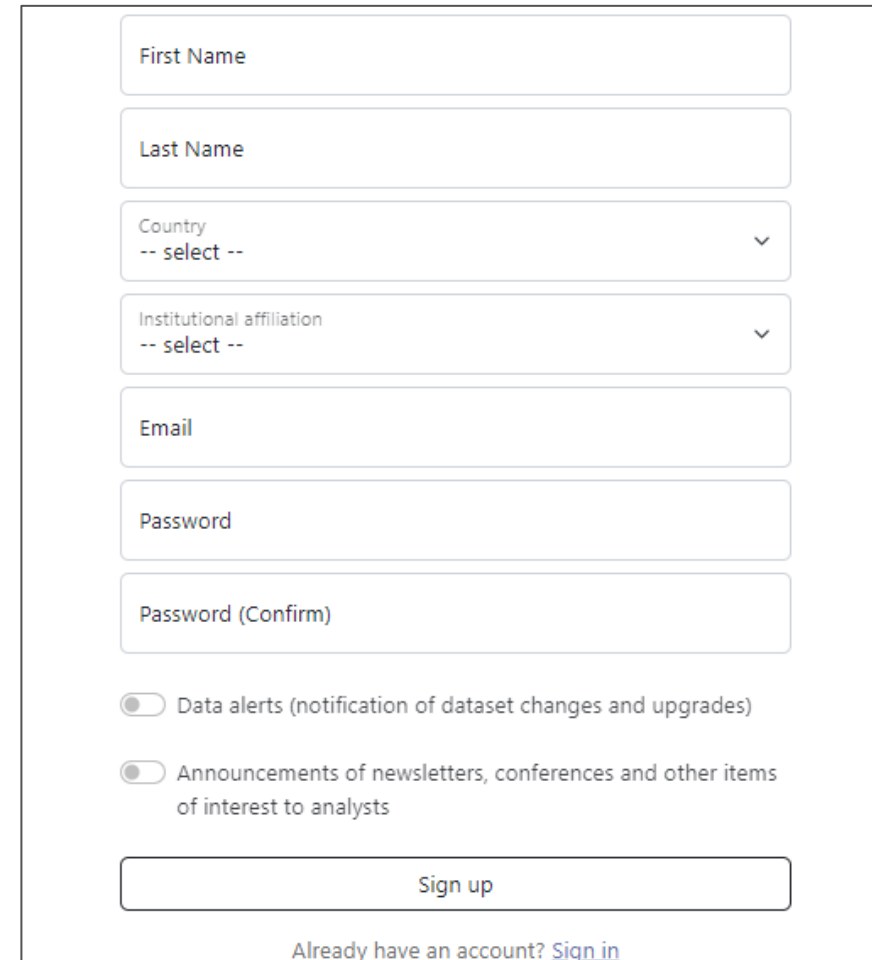
95% confidence intervals shown

Job Stress Harmonized Variable Example



Registering at g2aging.org

- Choose “register” in the upper right
- Enter your information
- Confirm email



The registration form consists of the following fields and options:

- First Name
- Last Name
- Country (dropdown menu, currently showing "-- select --")
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- Email
- Password
- Password (Confirm)
- Data alerts (notification of dataset changes and upgrades)
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Auxiliary Slides

End of Life Harmonized Data Files

Harmonized End of Life files are built on the on the exit/end-of-life/next-of-kin interviews which are performed with a close relative or caretaker after the time of the respondent's death and include invaluable information about the circumstances of the respondent's death, the time in-between the last interview and death, and the respondent's estate.

[Harmonized HRS End of Life](#) - incorporates the first eleven waves of HRS Exit surveys (1994 - 2014)

[Harmonized MHAS End of Life](#) - incorporates the first four waves of MHAS Next-of-Kin surveys (2003 - 2018)

[Harmonized ELSA End of Life](#) - incorporates the first four waves of ELSA End of Life surveys (2004 - 2013)

[Harmonized SHARE End of Life](#) - incorporates the first seven waves of SHARE End of Life surveys (2006 - 2020)

[Harmonized KLoSA End of Life](#) - incorporates the first seven waves of KLoSA Exit surveys (2008 - 2020)

[Harmonized CHARLS End of Life](#) - incorporates the first wave of CHARLS Exit survey (2013)

Harmonized JSTAR End of Life - being built

Life History Harmonized Data Files

Harmonized Life History files are built on the life history interviews during which the respondent provides retrospective reports about their entire life including their childhood, education, job history, marriage history, child birth, accommodation history, and health history.

[Harmonized ELSA Life History](#) - incorporates ELSA Wave 3 Life History survey (2007)

[Harmonized SHARE Life History](#) - incorporates SHARELIFE (Wave 3 and Wave 7) Life History surveys (2008, 2017)

[Harmonized CHARLS Life History](#) - incorporates CHARLS 2014 Life History survey

Harmonized KLoSA Job History - being built

Harmonized HRS Life History – being built

HCAP Harmonized Data Files

Harmonized HCAP files are built on the Harmonized Cognitive Assessment Protocol battery which measure a range of key cognitive domains affected by cognitive aging (including attention, memory, executive function, language, and visuospatial function) and allow comparisons between populations around the world. These Harmonized files include sophisticated cognitive imputations and latent variables.

[Harmonized LASI-DAD](#) - incorporates Wave 1 LASI-DAD study (2018 - 2020)

[Harmonized ELSA-HCAP](#) - incorporates Wave 1 of ELSA-HCAP study (2018)

[Harmonized Mex-Cog](#) - incorporates Wave 1 of Mex-Cog study (2016)

Harmonized HRS-HCAP - being built

Harmonized Chile-Cog - being built

COVID Harmonized Data Files

Harmonized COVID files are built upon the COVID-19 interviews that were fielded in response to the global pandemic. They provide more immediate information on the impact of the global pandemic and include questions on COVID-19 related diagnoses and symptoms, hospitalizations, deaths, mitigation behaviors, changes in health behaviors and healthcare utilization, financial situation and support, employment, care, social contact, and psychosocial behaviors.

Harmonized HRS COVID - incorporates Round 1 (COVID-19 module in HRS Wave 15, 2020 - 2021) and Round 2 (HRS mail-out survey, 2021 - 2022)

Harmonized ELSA COVID - incorporates Rounds 1 - 2 of the ELSA COVID-19 Substudy (2020)

Harmonized SHARE COVID - incorporates Round 1 - 2 of the SHARE Corona Survey (2020 - 2021)

Harmonized TILDA COVID - being built