SHARE
SURVEY OF HEALTH, AGEING AND RETIREMENT IN EUROPE

Overview & first Steps in SHARE

by SHARE Austria

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Bundesministerium Frauen, Wissenschaft und Forschung

JOHANNES KEPLER UNIVERSITÄT LINZ

SHARE ERIC
SURVEY OF HEALTH, AGEING AND RETIREMENT IN EUROPE

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SHARE Research Data

- 27 European countries + Israel
- Population 50+
- Multidisciplinary: demography, health, family and social networks, employment and pension, finance, etc.

- Free access for persons with scientific affiliation (scientists, students, etc.)

Data access

- Fill out the following user statement and send it to *share-rdc@centerdata.nl*:

  https://share-eric.eu/fileadmin/user_upload/pdf_documentation/SHARE_Data_Statement.pdf

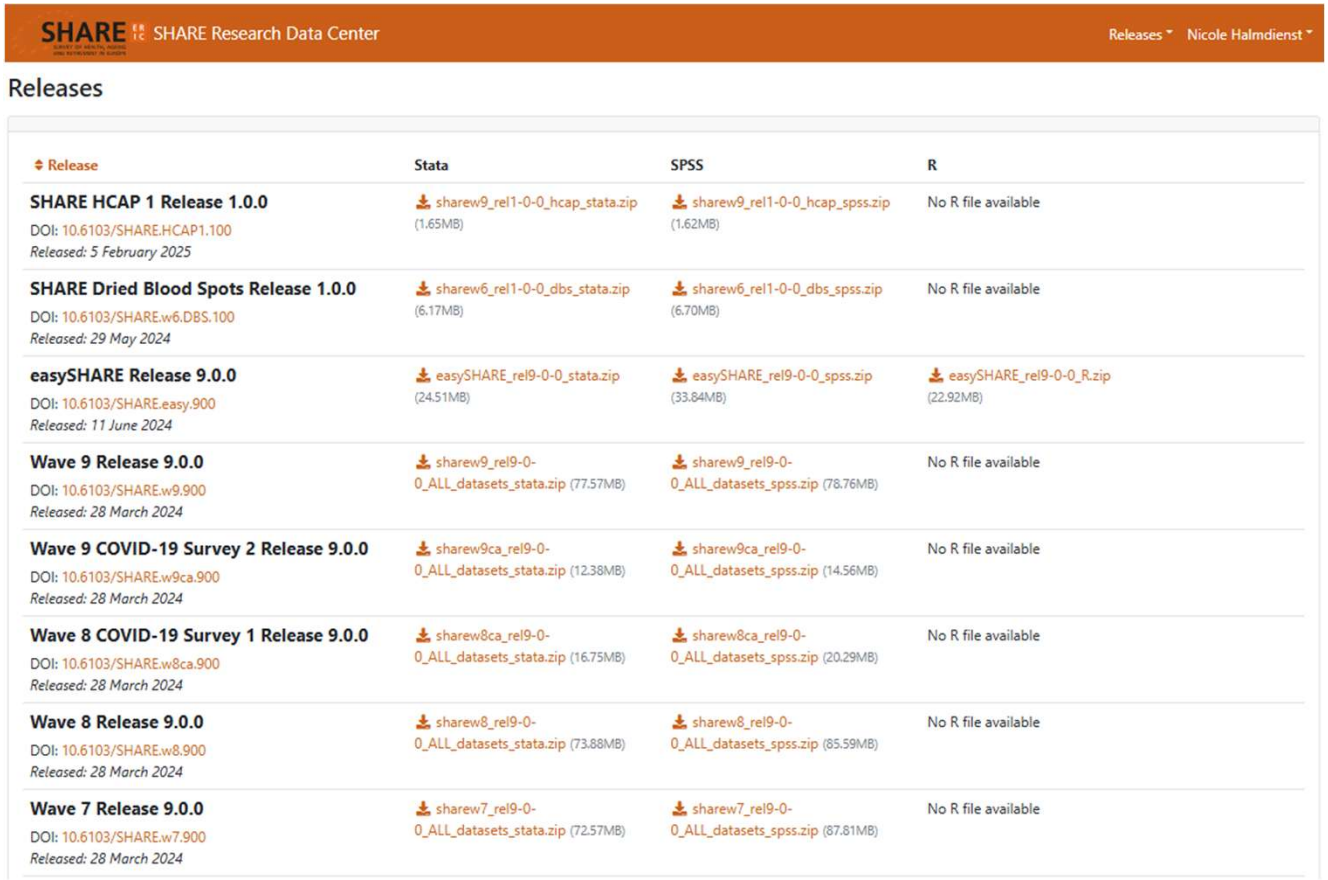
- You will get access within a few days (please also check your spam folder)

- Download the data at:
  https://releases.sharedataportal.eu/

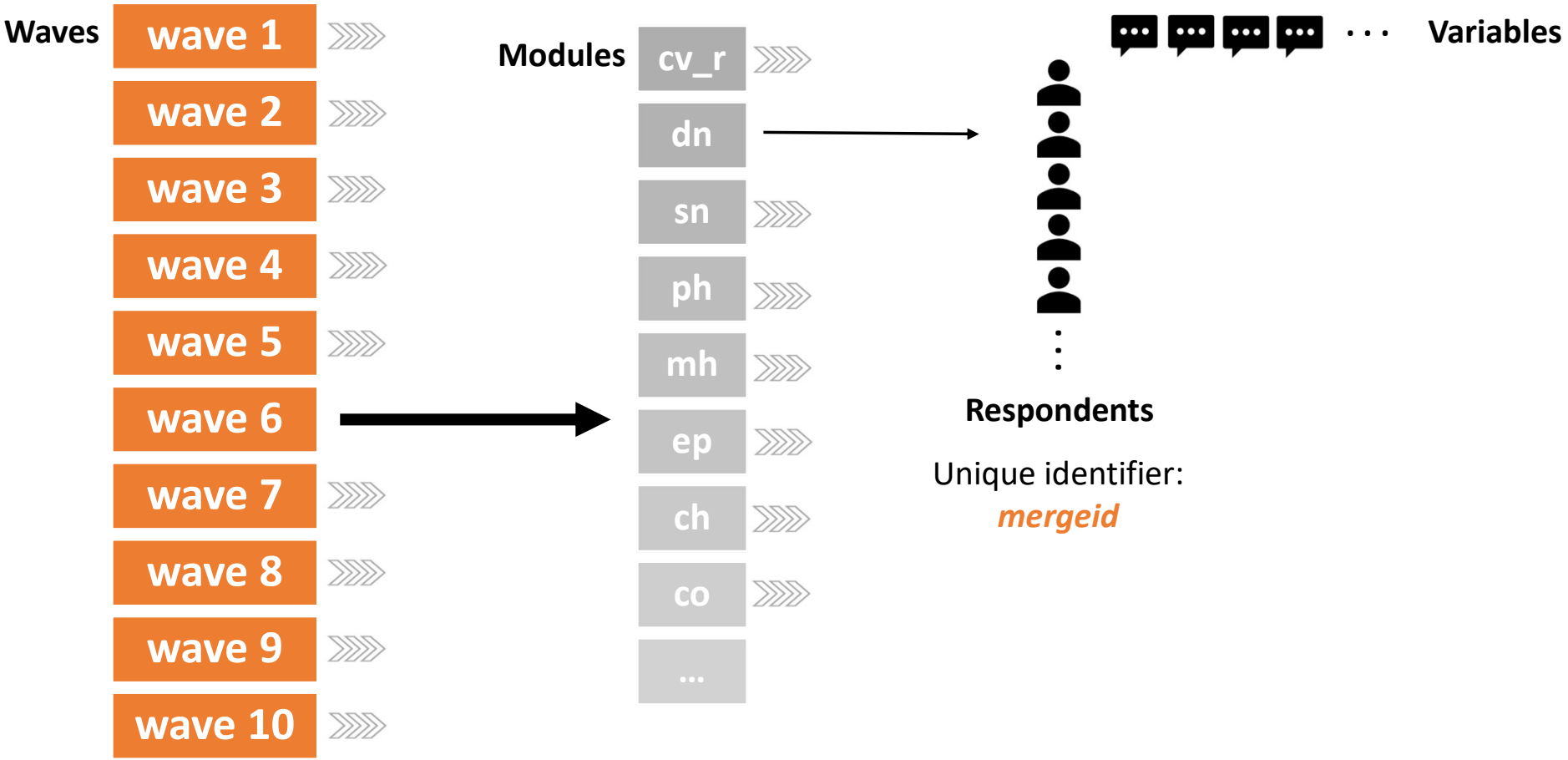
- Please read the **Release Guide**:
  https://share-eric.eu/data/data-documentation/release-guides

Research Data Center

- The latest data release should be used
- Different waves, different data sets
- Stata, SPSS
- easySHARE for teaching available in R

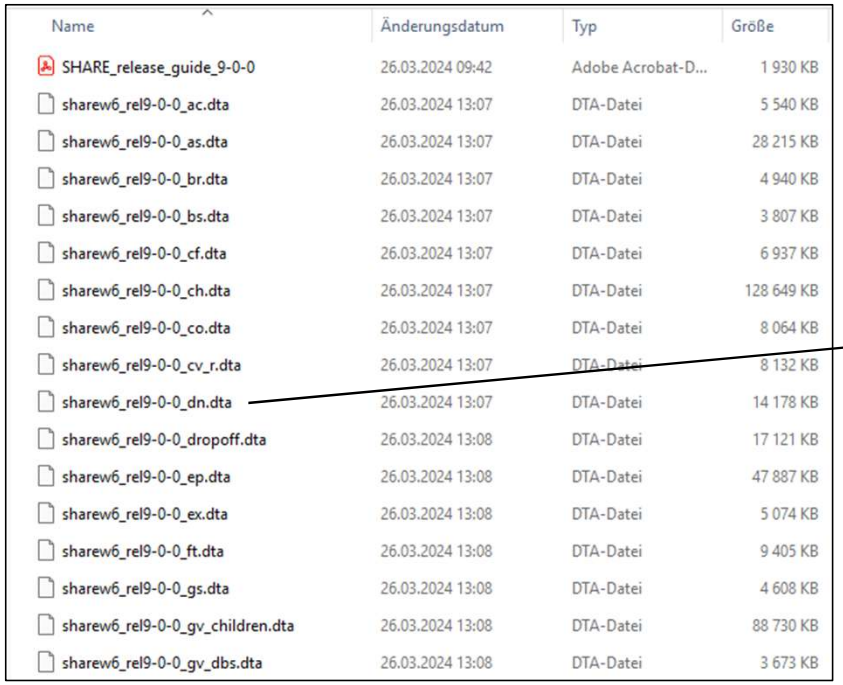


Data structure



Data structure II

Modules in folder „W6 release 9-0-0“:



Name	Änderungsdatum	Typ	Größe
SHARE_release_guide_9-0-0	26.03.2024 09:42	Adobe Acrobat-D...	1 930 KB
sharew6_rel9-0-0_ac.dta	26.03.2024 13:07	DTA-Datei	5 540 KB
sharew6_rel9-0-0_as.dta	26.03.2024 13:07	DTA-Datei	28 215 KB
sharew6_rel9-0-0_br.dta	26.03.2024 13:07	DTA-Datei	4 940 KB
sharew6_rel9-0-0_bs.dta	26.03.2024 13:07	DTA-Datei	3 807 KB
sharew6_rel9-0-0_cf.dta	26.03.2024 13:07	DTA-Datei	6 937 KB
sharew6_rel9-0-0_ch.dta	26.03.2024 13:07	DTA-Datei	128 649 KB
sharew6_rel9-0-0_co.dta	26.03.2024 13:07	DTA-Datei	8 064 KB
sharew6_rel9-0-0_cv_r.dta	26.03.2024 13:07	DTA-Datei	8 132 KB
sharew6_rel9-0-0_dn.dta	26.03.2024 13:07	DTA-Datei	14 178 KB
sharew6_rel9-0-0_dropoff.dta	26.03.2024 13:08	DTA-Datei	17 121 KB
sharew6_rel9-0-0_ep.dta	26.03.2024 13:08	DTA-Datei	47 887 KB
sharew6_rel9-0-0_ex.dta	26.03.2024 13:08	DTA-Datei	5 074 KB
sharew6_rel9-0-0_ft.dta	26.03.2024 13:08	DTA-Datei	9 405 KB
sharew6_rel9-0-0_gs.dta	26.03.2024 13:08	DTA-Datei	4 608 KB
sharew6_rel9-0-0_gv_children.dta	26.03.2024 13:08	DTA-Datei	88 730 KB
sharew6_rel9-0-0_gv_dbs.dta	26.03.2024 13:08	DTA-Datei	3 673 KB

Example sharew6_rel9-0-0_dn.dta:

	mergeid	hhid6	country	language	dn002_	dn003_	dn004_
139	AT-0[illegible]70-01	AT-0[illegible]70-A	Austria	German (at)	July	1948	.
140	AT-0[illegible]70-02	AT-0[illegible]70-A	Austria	German (at)	August	1954	.
141	AT-0[illegible]68-01	AT-0[illegible]8-A	Austria	German (at)	July	1941	.
142	AT-0[illegible]07-01	AT-0[illegible]7-A	Austria	German (at)	October	1921	.
143	AT-0[illegible]92-01	AT-0[illegible]92-A	Austria	German (at)	July	1940	.
144	AT-0[illegible]92-02	AT-0[illegible]-A	Austria	German (at)	January	1943	Yes
145	AT-04[illegible]5-01	AT-0[illegible]5-A	Austria	German (at)	December	1957	.
146	AT-04[illegible]5-02	AT-0[illegible]5-A	Austria	German (at)	September	1957	.
147	AT-04[illegible]9-01	AT-04[illegible]9-A	Austria	German (at)	May	1937	.
148	AT-04[illegible]6-01	AT-04[illegible]6-A	Austria	German (at)	May	1959	.
149	AT-04[illegible]1-01	AT-04[illegible]1-A	Austria	German (at)	November	1944	.
150	AT-04[illegible]8-01	AT-04[illegible]3-A	Austria	German (at)	July	1950	.
151	AT-04[illegible]9-02	AT-04[illegible]-A	Austria	German (at)	June	1944	Yes
152	AT-04[illegible]16-02	AT-04[illegible]6-A	Austria	German (at)	December	1936	.
153	AT-04[illegible]9-01	AT-04[illegible]9-A	Austria	German (at)	January	1944	.
154	AT-04[illegible]3-01	AT-04[illegible]-A	Austria	German (at)	September	1948	.
155	AT-04[illegible]3-01	AT-0[illegible]8-A	Austria	German (at)	August	1950	.
156	AT-04[illegible]2-02	AT-0[illegible]8-A	Austria	German (at)	December	1945	.
157	AT-04[illegible]0-01	AT-0[illegible]0-A	Austria	German (at)	December	1952	.
158	AT-04[illegible]0-01	AT-0[illegible]0-A	Austria	German (at)	May	1947	.
159	AT-04[illegible]1-01	AT-0[illegible]1-A	Austria	German (at)	September	1945	.
160	AT-04[illegible]6-01	AT-0[illegible]6-A	Austria	German (at)	October	1937	.
161	AT-04[illegible]6-02	AT-0[illegible]16-A	Austria	German (at)	March	1940	.
162	AT-04[illegible]2-01	AT-0[illegible]2-A	Austria	German (at)	June	1938	.
163	AT-0[illegible]7-01	AT-0[illegible]7-A	Austria	German (at)	July	1945	.
164	AT-04[illegible]7-02	AT-04[illegible]7-A	Austria	German (at)	March	1945	.
165	AT-04[illegible]8-01	AT-0[illegible]-A	Austria	German (at)	December	1940	.
166	AT-05[illegible]3-01	AT-0[illegible]3-A	Austria	German (at)	January	1948	.
167	AT-05[illegible]3-04	AT-05[illegible]3-A	Austria	German (at)	August	1953	Yes

Questionnaire (1)

- Main questionnaire is harmonized across countries and waves
- Country specific-national add ons, so called drop off questionnaires
- All questionnaires can be downloaded in national languages and English at: https://share-eric.eu/data/data-documentation/questionnaires

- **Types of interviews:**
  - Standard main questionnaire
  - End-of-Life questionnaire: For dependants of deceased respondents about the last year of life
  - SHARELIFE: Life history interviews (wave 3 and partly 7)
  - SHARE Corona Survey

Questionnaire (2)

- **Types of respondents:**
  - There are different types of respondents in a household: Family respondent and financial respondent – some questions are only asked to one person in the household
  - Proxy respondents: If a persons cannot answer because of a health problem for example, a proxy interview is allowed. A proxy answers the whole or parts of the questionnaire for the respondent.

IF PH041_UseGlasses = a1

Txt_FL_PH690

PH690_BifocGlasLenses
Welche Art von Brille oder Kontaktlinsen tragen Sie?

IWER:
{CodeAll} {ReadOut}
USE BIFOCAL GLASSES/LENSES
1. Gleitsichtbrille oder -kontaktlinsen (bifokal oder progressiv)
2. Lesebrille oder -kontaktlinsen (nur eine Stärke)
3. Fernsichtbrille oder -kontaktlinsen (nur eine Stärke)
4. Andere Brille oder Kontaktlinsen

IF ((a1 IN PH690_BifocGlasLenses) OR (a2 IN PH690_BifocGlasLenses)) OR (a4 IN PH690_BifocGlasLenses)
ENDIF

ENDIF
IF (PH041_UseGlasses = a5) OR ((a2 IN PH690_BifocGlasLenses) AND (PH690_BifocGlasLenses.CARDINAL = 1))

Txt_FL_PH043

PH043_EyeSightDist
Wie gut können Sie {FL_PH043_1} auf mittlere Entfernung sehen, z.B. einen Freund auf der anderen Straßenseite erkennen? Würden Sie sagen, Sie sehen...

IWER:
{ReadOut}
EYESIGHT DISTANCE
1. Ausgezeichnet
2. Sehr gut
3. Gut
4. Mittelmäßig
5. Schlecht

ELSE

Txt_FL_PH043

Condition

Question number (Module + number) including a shortcut of the content

Question text

Interviewer instruction

Answer categories

Fill (can be dependent on gender, family status or previous answers)

How to merge SHARE modules?

- If you work with regular SHARE data you have to decide which modules you want to merge and which waves you need
- Even if you only want to do a cross-sectional analysis of one wave it is always recommended to merge at least demographic information of all previous waves because in the longitudinal sample some questions are only asked during the first interview
- There are also modules with generated variables like health, housing and financial indicators which you should always consider
- When working with different waves always check for changes in questionnaire for the variables used

Stata code example: Merging SHARE modules for one wave

Untitled.do*

```
/*FIRST SET PATHS and DATA RELEASE*/
local Path: display "D:\FOLDER\FOLDER\Daten" /*Path to SHARE release data*/
local savePath: display "D:\FOLDER\FOLDER\Save" /*Path to save generated files*/
local release: display "rel9-0-0" /*Data release*/

    *** WAVE 4 ***

    cd "`Path'"
    local wave: display "4"
    clear all
    use "sharew`wave'_`release'_ALL_datasets_stata\sharew`wave'_`release'_cv_r.dta", clear

    *** MERGE MODULES: /*CHOOSE MODULES*/
    foreach i in dn br gv_isced gv_housing gv_health ph gv_weights {
        merge 1:1 mergeid using "sharew`wave'_`release'_ALL_datasets_stata\sharew`wave'_`release'_`i'.dta"
        rename _merge merge_`i'
    }

    foreach var of varlist _all { /*add the wave info to the variable name*/
       rename `var' w`wave'`var'
    }
    rename w`wave'mergeid mergeid

    save "`savePath'\base_w`wave'`release'.dta", replace
```

After merging necessary modules for one wave, merge alle waves (code example)

- After merging all necessary modules of a wave, merge all datasets. The result is a dataset in wide format with a variable for each wave

➔ merge all files from the folder

```
/*MERGE ALL WAVES*/

    cd "`savePath'"
    pwd

    local files : dir "`savePath'" files "*`release'.dta"
    foreach file in `files' {
      dis "`file'"
      merge 1:1 mergeid using "`file'", force
      drop _merge
    }
```

Code to copy into a Stata dofile

```
/*FIRST SET PATHS and DATA RELEASE*/
local Path: display "D:\FOLDER\FOLDER\Daten" /*Path to SHARE release data*/
local savePath: display "D:\FOLDER\FOLDER\Save" /*Path to save generated files*/
local release: display "rel9-0-0" /*Data release*/

        *** WAVE 4 ***

        cd "`Path'"
        local wave: display "4"
        clear all
        use "sharew`wave'_`release'_ALL_datasets_stata\sharew`wave'_`release'_cv_r.dta", clear

        *** MERGE MODULES: /*CHOOSE MODULES*/
        foreach i in dn br gv_isced gv_housing gv_health ph gv_weights {
                merge 1:1 mergeid using "sharew`wave'_`release'_ALL_datasets_stata\sharew`wave'_`release'_`i'.dta"
                rename _merge merge_`i'
        }

        foreach var of varlist _all { /*add the wave info to the variable name*/
           rename `var' w`wave'`var'
        }
        rename w`wave'mergeid mergeid

        save "`savePath'\base_w`wave'`release'.dta", replace
```

Code to copy into a Stata dofile (2)

```
/*MERGE ALL WAVES*/

        cd "`savePath'"
        pwd

        local files : dir "`savePath'" files "*`release'.dta"
        foreach file in `files' {
          dis "`file'"
          merge 1:1 mergeid using "`file'", force
          drop _merge
        }
```

Tip: Run code as a whole!

Any questions?

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