VERGLEICHENDE SOZIALFORSCHUNG MIT MEHREBENENMODELLEN IN R

Forschungspraktikum I und II
Dr. Christian Czymara
Abschlusssitzung

AGENDA

- A few helpful tricks when working with the ESS (and R)

- Evaluation feedback

- Open questions

TERM PAPER: UPDATES

- Should include a self-conducted comparative analysis of secondary data

- You are free to chose any topic

- ~~~25 to 30 pages (incl. tables, graphs, references etc.)~~ → "Der Umfang beträgt 15 bis 20 Seiten" (Prüfungsordnung MA Soz. §32 Punkte 3 & 8)

- ~~**DEADLINE IS 01 APRIL 2022!**~~ → **15 April 2022**

- Hand in as PDF and R code via e-mail to cc@soz.uni-frankfurt.de

TIPS AND TRICKS WHEN WORKING WITH THE ESS

ADDING COUNTRY (AND NUTS-) LEVEL DATA TO THE ESS

- For the term papers, you will likely need to add some macro-level data to the survey data (see *Tutorial 5: Preparing multi-national data*)

- Some data are used very often (e. g., GDP per head or unemployment rates)

- For waves four to nine, the ESS Multilevel Download helps downloading data where such information is already added

- Saves research time, less error-prone

- But only limited information available

- http://www.europeansocialsurvey.org/data/multilevel/wizard.html

DOWNLOADING SEVERAL ESS WAVES

- When working with various waves of the ESS, you may want to use the *ESS Cumulative Data Wizard*

- Combines selected countries, waves, and variables into one large dataset

- https://www.europeansocialsurvey.org/downloadwizard/
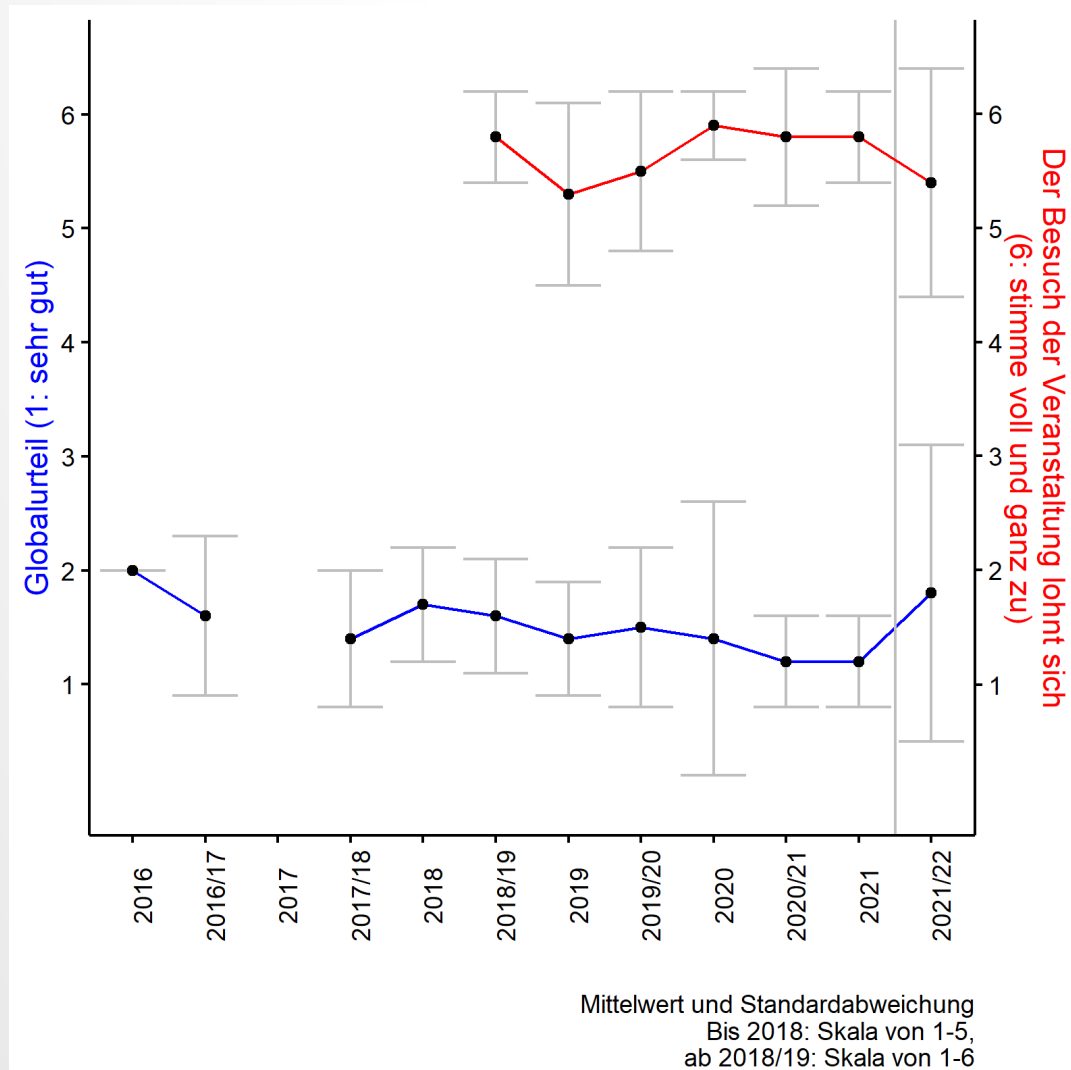
DOWNLOADING THE ESS VIA API

- In fact, you don't even have to download the data from the website

- The `essurvey` package allows downloading all data directly in R

- First, you need to login (just with e-mail, no password), e.g.: `set_email("…@stud.uni-frankfurt.de")`

- Example: `ESS8DE <- import_country(` `country = "Germany", rounds = c(8))`

- Make sure to save the data after you downloaded it (otherwise you inflate traffic) → `save.image("data.RData")`

- More info: Cimentada (2019): [Download Data from the European Social Survey on the Fly](#).

EUROSTAT PACKAGE

- The ESS isn't the only data source that allows downloading via API

- For example, Eurostat also provides its data through the `eurostat` package

- For example: Downloading this table that includes information on population size for EU member countries (*demo_gind*): http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=demo_gind&lang=de

  - `eurostat_pop <- get_eurostat("demo_gind", time_format = "num")`
  - `eurostat_pop <- label_eurostat(eurostat_pop) # label`

- More info: Lahti, Huovari, Kainu & Biecek (2017): Retrieval and Analysis of Eurostat Open Data with the eurostat Package. The R Journal, 9 (1), 385-392.

EVALUATION

EVALUATION TREND

Globalurteil (1: sehr gut)

Der Besuch der Veranstaltung lohnt sich
(6: stimme voll und ganz zu)

Mittelwert und Standardabweichung
Bis 2018: Skala von 1-5,
ab 2018/19: Skala von 1-6

KRITIK

- In jeder Sitzung Vorlesung und Übung tauschen?

- *Packages zu beginn der Tutorials auflisten* → Gute Idee

- *Aufgabenstellungen teilweise unklar (z. B. nötige Variablen)* → Wichtiger Punkt, bitte konkrete Beispiele weiterleiten

- *Voraussetzung von unbekannten Befehlen (teilweise auf Folien)* → Intendiert

- *Leistungsnachweise unklar* → ?

LITERATURE

- Academy of Sociology (2020). Checklist for Quantitative Social Science Articles.

NOCH FRAGEN? ☺