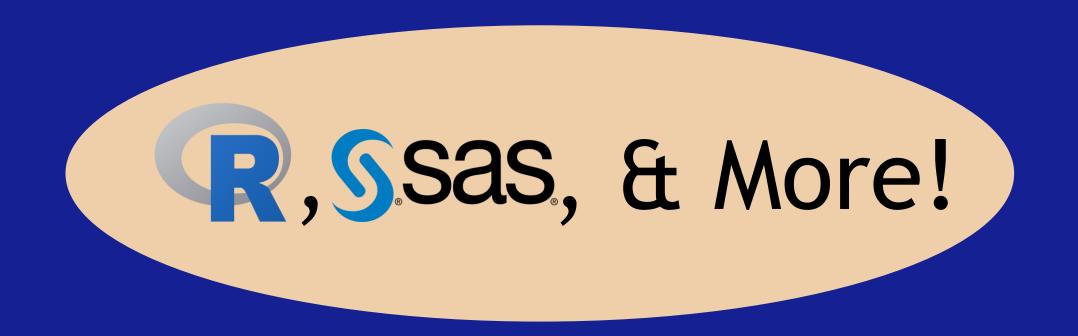


Topic: Working with NHANES Data





Welcome to Today's Lecture!

Today's Lecture

- What are the NHANES data?
- What's good about them?
- What's the problem with them?

Explore our online learning resources!

Visit us: https://buff.ly/45amjaQ

- Online tutorials
- Video demonstration
- Online courses
- Mentoring program
- ...and more!



OS NHANES Data

- National Health and Nutrition Examination Survey (NHANES)
- United States
- Started in the late 1960s
- Went door-to-door, examined respondents in the "mobile examination clinic" (MEC)
- Same surveillance questions as in the Behavioral Risk Factor Surveillance System (BRFSS) – but that is on the phone

Resources

Blog post with explanation and code: https://dethwench.com/nhanes-datasets-for-use-in-data-analysis/

Links to curated datasets for portfolio projects (including N-HANES):

https://dethwench.com/curated-datasets-for-data-science-portfolio-projects/

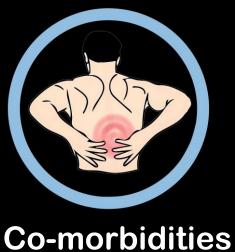
Ideas for portfolio projects:

https://dethwench.com/portfolio-project-examples-for-data-science/



S What are available in NHANES data?

















Reproductive information



Lab values



Exercise data

Medications



NHANES Data

Documentation

- I will explain how to use the documentation because it rather challenging
- Lacks important information

Primary Issues

- NHANES is cross-sectional, like BRFSS
- However, it is not served up in "one big flat table"
- Instead, tables are "federated" – join on SEQN
- Missing data that is hard to explain



Questions?

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