

# Quality Control



# Start to End QC

- Data collection
  - Should also assume some responsibility
  - Motivation behind why QC needs to be done, what level of information given
- Meta Data
  - Crowdsourcing QC, allow for flagging data, provide reasons why
- Archiving / Distribution / Use of data
  - Different databases
  - DOIs
- Analysis
  - Various processes and scripts can lead to different

# What to do? What to be aware of?

- Who is responsible for the QC of the data?  
Shared responsibility.
- How complex can the QC process be and how to make it easier?
  - Automating the QC as much as possible
  - End user responsibility?
- Existing processes and their pros and cons, accuracy
- Documenting protocols for reproducibility
  - identifiers