What is open science?

Sarah C

Benefits of open data

Hannah S

Concerns of open data

Hannah J

Is there even open data now? (what’s the status of open data)

* Google searchable open data

There’s no one way to do this, so here’s some suggestions.

Best practices for open data

* Machine readable (json)
* Interpreting datasets
  + Connection of variable name to description of what that is
  + Type of variable: factor, character, number, logical
  + Measurement of the variable: repeated or between
  + Level labels
  + Measurement scale

Best practices for options to creating open data

* KISS (easy to use)
* Give examples / tutorials of how to fill out the thing
* One big file instead of multiple files

Thoughts from Data Spice so far:

* Installing R, packages, coding things can be hard
* Files and where files should go and how to connect everything
* What if they wanted to add extra information – no place to go at the moment (labels for levels of a variable, for example)
* Purpose of the map ? why use it? How would you fill that part in if you are using turk – allow for usefulness but maybe not in that way
  + Where/how data was collected but not necessary for mapping
* Definition of what should be in each column
* What you should you include in each of these things – examples of what should go in those columns
* The practical part where the code doesn’t work

Sharing the data

* Json machine readable stacked code
* Not currently what data spice has
* HTML not a bad format – structured better
  + But OSF doesn’t render those – maybe we can ask them to
* PDF formatting is another alternative (copying might be a problem)
* Metadata csv or something importable into other programs

Three examples of data dictionaries

Do the things (closer paragraph about why it’s a good idea).