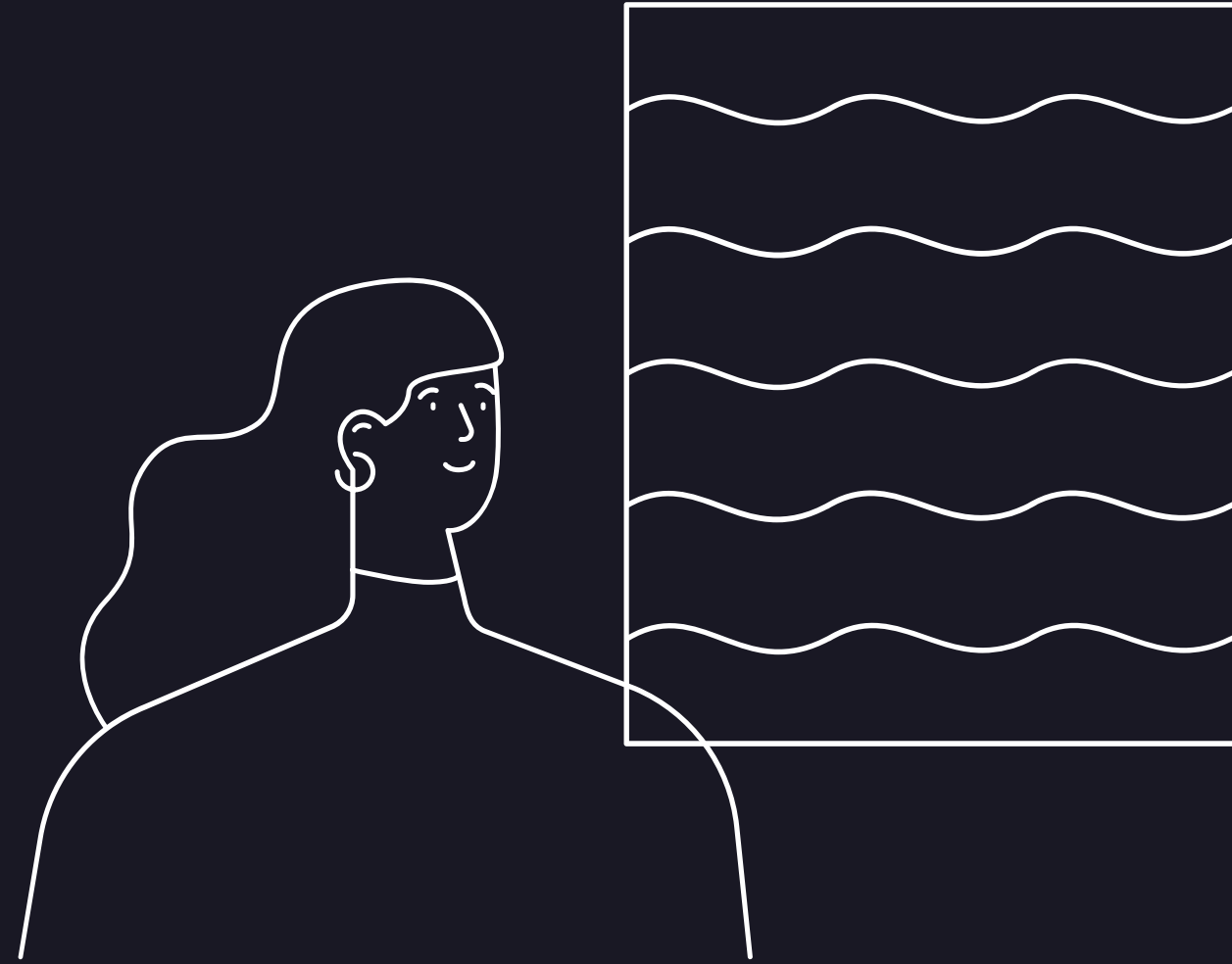




# Version Control with Git and GitHub

Liz Beard - COG Summer Workshop Series



**IMPLEMENTATIONS**

# collaborating

COG Summer Workshop Repo

02

The screenshot shows a web browser window displaying the GitHub repository page for `TU-Coding-Outreach-Group/cog_summer_workshops_2021`. The browser's address bar shows the URL `github.com/TU-Coding-Outreach-Group/cog_summer_workshops_2021`. The page header includes the GitHub logo, a search bar, and navigation links for Pull requests, Issues, Marketplace, and Explore. The repository name is displayed in blue, with buttons for Watch (1), Unstar (1), and Fork (1). Below the repository name, there are tabs for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, and Insights. The main content area shows the repository's file structure, including a `main` branch, 1 branch, and 0 tags. A list of files and folders is shown, including `hspopal Update README.md`, `bids-heudiconv-fmrip`, `data-visualization-in-r`, `excel-basics`, `git-github`, and `jupyter-notebook`. The right sidebar contains an 'About' section with a description, a 'Readme' link, and a 'MIT License' link, and a 'Releases' section with a link to 'Create a new release'.

TU-Coding-Outreach-Group / `cog_summer_workshops_2021`

Watch 1 Unstar 1 Fork 1

Code Issues Pull requests Actions Projects Wiki Security Insights

main 1 branch 0 tags Go to file Add file Code

**hspopal** Update README.md ✓ 725023f 20 hours ago ⌚ 50 commits

bids-heudiconv-fmrip	edited gitingore	7 days ago
data-visualization-in-r	edited gitingore	7 days ago
excel-basics	edited gitingore	7 days ago
git-github	edited gitingore	7 days ago
jupyter-notebook	Update README.md	20 hours ago

**About**

No description, website, or topics provided.

Readme

MIT License

**Releases**

No releases published

Create a new release

# open science

Ralf's PNAS Repo

nomcomm/BrainConnectivitySoc x

github.com/nomcomm/BrainConnectivitySocialNetwork\_PNAS

Apps TUEmail Actions Trello Google Scholar Canvas TUportal GitHub Psych SONA

README.md

## Analysis for Schmäzle, O'Donnell, Garcia, Cascio, Bayer, Bassett, Vettel, & Falk (2017)

Data and analysis code for *Schmäzle, R., O'Donnell, M.B., Garcia, J.O., Cascio, C.N., Bayer, J., Bassett, D.S., Vettel, J. & Falk, E.B. (2017). Brain connectivity dynamics during social interaction reflect social network structure. Proceedings of the National Academy of Sciences.* [\[External Link\]](#)

### Code

- The [notebook](#) to reproduce the analysis of the main effect of exclusion
- The [notebook](#) to reproduce the analysis of the association between social network density and brain connectivity
- The [notebook](#) for running the meta-analysis in Neurosynth

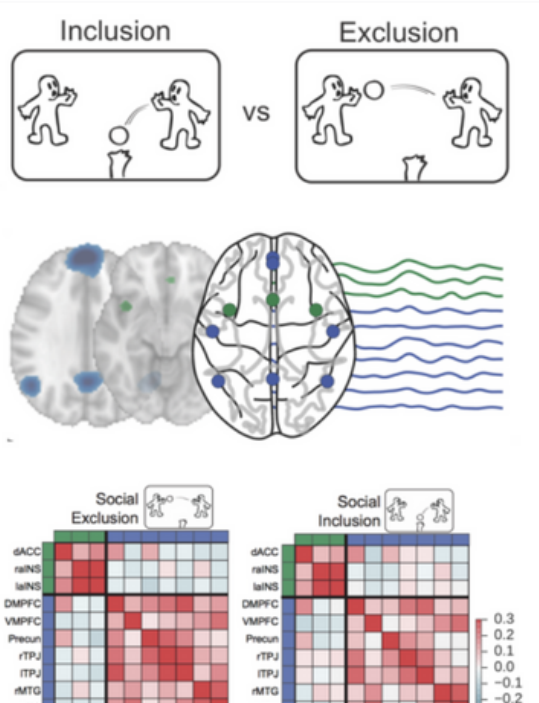
### Data

- [Extracted data matrices for the a-priori-](#)

Inclusion

Exclusion

vs





yarikoptic Merge pull request #50



.github

DOC: issue template clarity

2 years ago



custom/dbic

add dcmtk for dcmdump

4 years ago



docs

[DATALAD RUNCMD] prepare the release

6 months ago



heudiconv

RM: reproin - Remove (ancient) DBIC specific craft

last month



utils

Do no bother ensuring that version changed - should...

6 months ago



.coveragerc

RF: move tests under heudiconv/ module

3 years ago



.dockerignore

maint: outline issue reporting, ignore certain files wh...

2 years ago



.gitignore

doc: finalize rtd

2 years ago



.mailmap

ENH(DOC): .mailmap file for git shortlog -sn

4 years ago

# software distribution

[nipy/heudiconv](https://github.com/nipy/heudiconv)

## About

A flexible DICOM converter for organizing brain imaging data into structured directory layouts

[heudiconv.readthedocs.io](https://heudiconv.readthedocs.io)

Readme

View license

## Releases 21

**v0.9.0: ## [0.9.0] ...**  
on Dec 23, 2020

Latest

+ 20 releases



# TODAY WE'VE

## Implemented version control

- Setting up git
- Create a local repo
- Commit changes to a local repo
- Add files to a GitHub repository

## Collaborated on GitHub

- Forking and cloning a repo from GitHub
- Updating a local repo with changes from the forked repo
- BONUS: Pull Requests



# PROS OF IMPLEMENTING VERSION CONTROL



## MACRO:

Good data management practices enhance scientific rigor by simplifying reproducibility efforts, promoting collaboration, etc.

## MESO:

Larger-scale projects are often passed down from student to student. Pls work across projects with lots of different students.

## MICRO:

Your #1 collaborator is you from the past. Be nice to your favorite collaborator!

# THANKS!

[liz.beard@temple.edu](mailto:liz.beard@temple.edu)

