

# Workshop on Open Workflows

(WooW)

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# Outline

- ▶ Introduction: Why discuss this and why this workshop
- ▶ Tools for (open) workflows (Examples)
  - ▶ Editing
  - ▶ Writing
  - ▶ Analysing
  - ▶ Saving
- ▶ Conclusion

# Intro

## Why this workshop?

- ▶ Interest in workflow tools
- ▶ Increasing need for openness & transparency
  - ▶ from journals, universities and government
  - ▶ increase in cooperation (over wider distances)
  - ▶ access to your own files
- ▶ In the *social sciences* few attention to what tools to use (and why)

# Workflow

## Open?

- ▶ Workflow: *Progression of steps (tasks, events, interactions) that comprise a work process, involve two or more persons, and create or add value to the organization's activities* (BusinessDictionary)
- ▶ Open workflow: One that enhances *transparency, collaboration* and *reproducibility*

## Empirical cycle

- ▶ Read other papers
- ▶ Think of a brilliant idea
- ▶ Do:
  1. Collect data
  2. Transform data
  3. Analyze data
  4. Write up results



# Tools for ...

## Text editing

- ▶ The blessings of plain text and why it pays off to invest in a (good) text editor
- ▶ Suggestions
  - ▶ Vim
  - ▶ Emacs
  - ▶ Other (TextMate, Sublime text, etc., ...)

## Beautiful (and efficient) typesetting

- ▶ Hello plain text
- ▶ Easily convert to a multitude of formats (e.g. LaTeX, HTML)
  - ▶ LaTeX
  - ▶ Org
  - ▶ Markdown

# Conclusion

TBD



## Where to look beyond

- ▶ *Kieran Healy's* “Choosing your Workflow Applications”
- ▶ Cambridge Replication Workshop