

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

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 . . .

open workflows

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

Conclusion

TBD

Where to look beyond

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