

## Table of contents

Open and reproducible practices in developmental psychology research: The workflow of the WomCogDev lab as an example .....	1
Characteristics of the paper .....	1
Tools .....	1
Specific tools mentioned - their function - where in the research process used .....	1
Organizational structure for open collaboration .....	1
Governance .....	1
Workflow .....	1
Barriers .....	1
Barriers for open science .....	1
Bibliography .....	1

## Open and reproducible practices in developmental psychology research: The workflow of the WomCogDev lab as an example

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### Characteristics of the paper

- Type of paper (e.g., tips, example): example
- Themes (e.g., tools, organization): tools, workflow
- Other keywords (e.g., newcomers): lab-centered

### Tools

#### Specific tools mentioned - their function - where in the research process used

- Slack - communication - all
- Trello - project management - planning
- Open Science Framework - repository - planning, analysing, dissemination
- R - data analysis - analysing
- Jasp - data analysis - analysing
- Zenodo - data sharing - dissemination
- OpenNeuro - data sharing - dissemination

### Organizational structure for open collaboration

#### Governance

- Setup a clear structure for how to conduct the research considering open science in each step
- Build in steps for error correction

### Workflow

- designing the project - preregistration - creating the experiment - recruiting and data collection - data analysis - dissemination

### Barriers

#### Barriers for open science

- Not everyone have the same prerequisites. There are conscious tradeoffs between trying to be as open as possible, and the feasibility of applying an open practice
- Some practices can take additional time
- For the workflow to work, lab members must follow it quite closely
- The learning curve can be steep, especially for people who arrive from more goal-oriented labs

### Bibliography