Educational interventions support adoption of reproducible research practices
How to teach reproducible research?
<table>
<thead>
<tr>
<th>Berlin</th>
<th>Oxford Summerschool on Open Research</th>
<th>Reproducible Research with R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>4 full consecutive days</td>
<td>15 weeks ~2h per week + homework</td>
</tr>
<tr>
<td>Participants</td>
<td>40 international PhD/postdoc</td>
<td>~25 PhD/medical doctoral graduate students per course</td>
</tr>
</tbody>
</table>

- Learning to code: ✗
- Multiple lecturers: ✗
- Pregistration: ✗
- Registered reports: ✗
- Data Repositories: ✔
- Reproducible Workflows (including Version Control): ✗
- Publication strategies: ✔

Response rate ~50%

2 courses investigated via post course evaluation ~6 months later
Each participants plans to apply at least one repro tool AND 92% plan to/do already publish open access!

Some challenges are not perceived as critical
Was there lack of supervisory support?

Summary

Courses on reproducible research tools included: preregistration, open data and code, and publishing strategies.

Participants plan to engage in the covered tools. *Will they actually do this?*

Supervisory support needed for this.

Acknowledgments: QUEST Team, Meggie Danziger, Ulrich Dirnagl
2. Oxford | Berlin Summerschool on Open Research
16.-20.09.2019 University Oxford
