PROGRAMME

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"Filling in the gaps. An online workshop to promote, improve and implement tools for transparency and reproducibility in health economics research"

This workshop aims to improve open science practices in Health Economics through the promotion of tools for transparency and reproducibility (T&R). Although Health Economics has a huge impact in the policy-making process, transparent and reproducible research has not been entirely fulfilled. The practice of open science standards within the community has been taken for granted. Even though many tools for open science research are available, limits on knowledge and barriers to their implementation still exist.

This workshop aims to introduce and promote open science tools to PhD students, early career researchers and senior investigators in health economics.

Workshop Objectives:
- *Improve understanding of the importance of research transparency in order to motivate the need for transparency and replicability in health economics research*
- *Facilitate the use of three tools to enhance the transparency and reproducibility research in health economics.*

Workshop Structure:

Day 1: will focus on improving awareness of the challenges of transparency in research, and how to overcome these by integrating new tools and solutions into a researcher's workflow.

Day 2: will focus on tools and resources to conduct transparent research with an objective to facilitate the adoption of these tools within the research and practitioner community.
- Specific tools to learn include: Version control with Git and GitHub; and Dynamic documents with Stata and R

Concrete examples and applications using the HEDG public datasets, as well as Stata Do-files and R-Scripts will be shared with the participants.

Pre-requisites:
- This workshop is free of any charge. Thus, a high level of commitment is expected from participants
- Participants should have experience with statistical packages such as Stata or R
- Participants should be prepared to answer the pre-and post-training surveys
- If you want to assist to the "Dynamic Documents in Stata" session, you will be required to have access and/or your own license to Stata. Unfortunately, we cannot provide a temporarily access

Workshop Agenda

Time (BST)	Session
Day 1	Wednesday, September 22
9:00-9:10	Welcome
9:10-10:00	Overview of transparency and reproducibility in social science research Andrea Salas Ortiz. University of York
10:00-10:30	COFFEE BREAK
10:30-11:30	Office-hour Andrea Salas Ortiz. University of York
11:30-13:00	LUNCH BREAK
13:00-14:00	Introduction to the UK Reproducibility Network project Professor Malcolm Macleod. The University of Edinburgh
14:00-15:00	TEA BREAK
15:00-16:00	Version Control with Git/Github. Part 1 Nerissa Nance. University of California at Berkeley and Kaiser Permanente United States of America
Day 2	Thursday, September 23
9:00-10:00	Dynamic Documents **Stata** Gina La Hera Fuentes. University of New South Wales and University of Newcastle, Australia
10:00-10:30	COFFEE BREAK
10:30-11:30	Dynamic Documents in **R** Gina La Hera Fuentes. University of New South Wales and University of Newcastle, Australia
11:30-13:00	LUNCH BREAK
13:00-14:00	Registration & Pre-Analysis Plans Andrea Salas Ortiz. University of York
14:00-15:00	TEA BREAK
15:00-16:00	Version Control with Git/Github. Part 2 Nerissa Nance. University of California at Berkeley and Kaiser Permanente. United States of America
16:00-16:30	Closing reflections and post-survey administration