

# Creating a university-wide resource for Study Design, Open Science, and Data Analysis

Crispin Jordan  
crispin.jordan@ed.ac.uk

# Improving Research Reproducibility

- Open Science
- Study design & analysis

# Improving Research Reproducibility

- Open Science
- Study design & analysis
  - Many resources across disciplines within U of E
  - Many resources are online

# The idea

- Create a central resource for training / best practice in study design, analysis and Open Science for disciplines across the U of E;
- Broad scope: Quantitative and Qualitative approaches;
- Open access (likely flexible to suit needs);
- Format currently undecided; to be discussed by participants / contributors.

# One possible format: Table of Contents

- Power analysis
  - Biomedical Science (Edinburgh)
  - Biomedical Science (Edinburgh - Zhejiang)
  - Ecology & Evolutionary Biology
  - Linguistics
  - Psychology
  - ...

- Resource for researchers
- Teaching resource
- Avenue to collaboration?

# People involved thus far

- Kerry Miller
- Malcolm Macleod
- Crispin Jordan
- People from a variety of disciplines
- You? (Let me know!)

**Thank you!**