open science (no reading) reading list

1. **Open Science YouTube playlist of the Society for Personality and Social Psychology** https://www.youtube.com/watch?v=1rFWeTryiW4&list=PLtAL5tCifMi5zG70dslERYcGApAQcvj1s

Topics include: A general introduction, Preregistration and Registered Reports, Power Analysis and Sample Size Decisions, Replication, and Data Sharing and Open Data

2. **Centre for Open Science YouTube channel** https://www.youtube.com/channel/UCGPlVf8FsQ23BehDLFrQa-g

There are lots of resources. Perhaps a good place to start:
OSF 101 (How to use the Open Science Framework osf.io , set up and manage projects)
https://www.youtube.com/watch?v=dLEIhJESIQA
Preregistration on OSF: https://www.youtube.com/watch?v=5GRliQncOdw

3. **Open Science Training Initiative Lectures** http://www.opensciencetraining.com/movielist.php

For instance:
OSTI Lecture 1: Reproducibility and Open Science
OSTI Lecture 4: Data Management Planning
OSTI Lecture 5: The Changing Face of Publication

4. **ReproducibiliTea Podcast** https://soundcloud.com/reproducibilitea

Early career researchers talking about doing open science and why it's the right thing. Check out their Twitter as well: @ReproducibiliT

5. Want to learn R but don't want to spend a lot of money on a course: **Learn R, in R, for free: swirlstats.com**

(I, Sandy, am currently working through the course, and it's fantastic!)

6) Finally, a nice simulation to see **when a significant *p*-value actually indicates a true effect** (and when it doesn't). http://shinyapps.org/showapp.php?app=https://tellmi.psy.lmu.de/felix/PPV&by=Michael%20Zehetleitner%20and%20Felix%20Schönbrodt&title=When%20does%20a%20significant%20p-value%20indicate%20a%20true%20effect?&shorttitle=When%20does%20a%20significant%20p-value%20indicate%20a%20true%20effect?

When does a significant p-value indicate a true effect? shiny app. (c) by Michael Zehetleitner and Felix Schönbrodt

7) And, for everyone who should be writing: Use http://statcheck.io to **check** a PDF, DOCX or HTML file for **errors in statistical reporting**