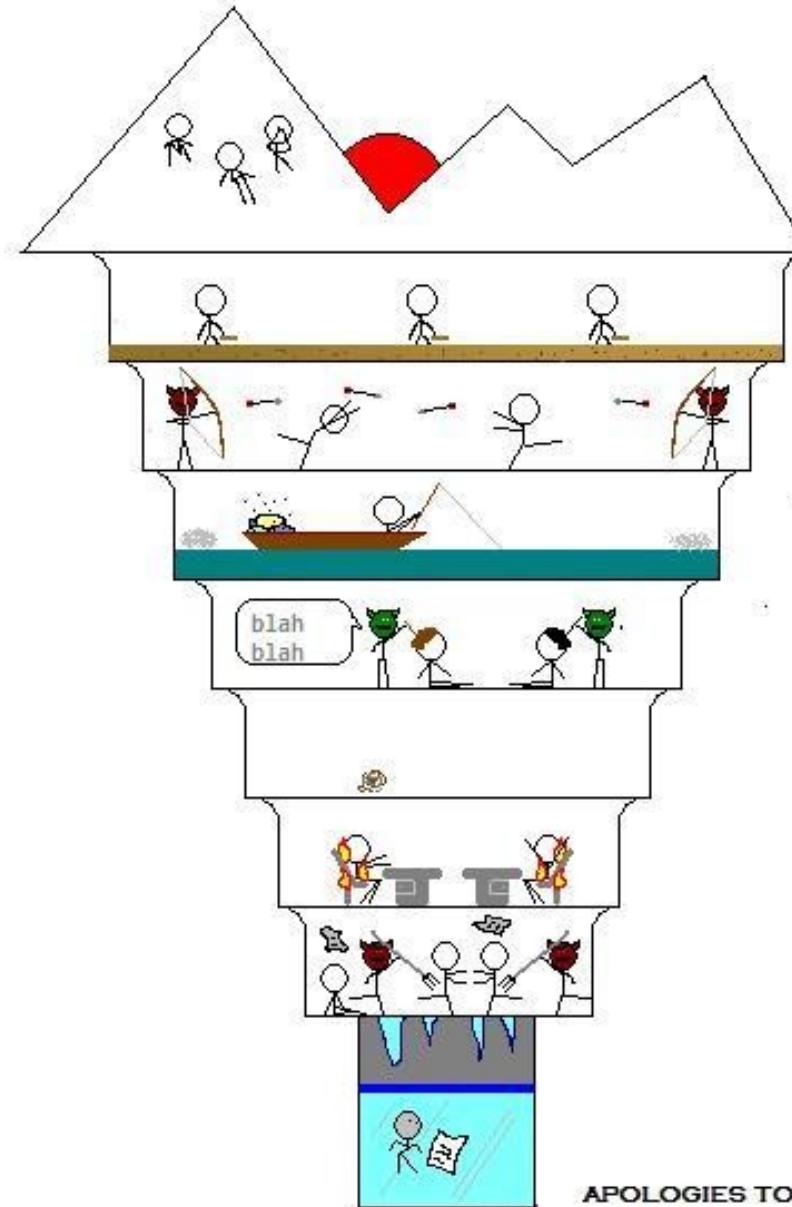


Good Research Practices

Edita Chvojková

Petr Palíšek



I Limbo

II Overselling

III Post-Hoc Storytelling

IV P-Value Fishing

V Creative Outliers

VI Plagiarism

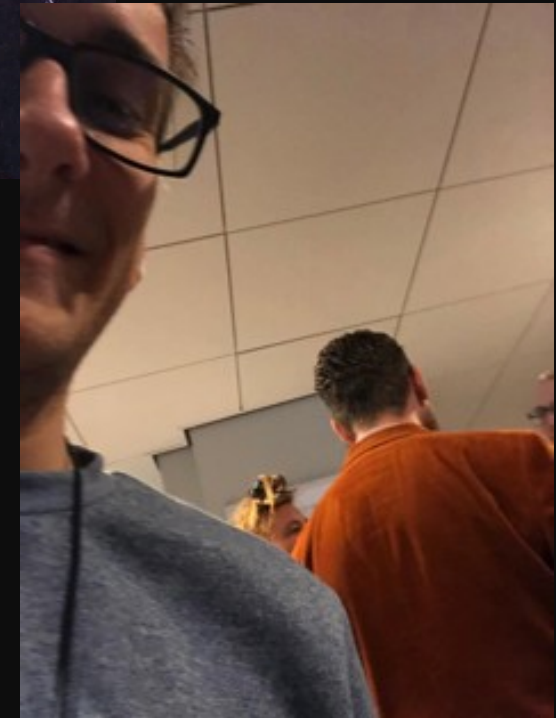
VII Non-Publication

VIII Partial Publication

IX Falsification

APOLOGIES TO DANTE, XKCD

The crew (with Daniel Lakens)



... feat. baron
HARKonnen



Organization of the course - PAQ

- Why this weird timetable?
- Do I need to be here?
- Do I need to read the whole book?

Organization of the course - PAQ

- Why this weird timetable?
 - We also need to do research sometime. And you can benefit from a steep learning curve and being done half-semester.
- Do I need to be here?
 - We don't really care, but if you don't show up for a quiz, there's no possibility to sit it later.
- Do I need to read the whole book?
 - Yes.

Organization of the course - PAQ

- Why this weird timetable?
 - We also need to do research sometime. And you can benefit from a steep learning curve and being done half-semester.
- Do I need to be here?
 - We don't really care, but if you don't show up for a quiz, there's no possibility to sit it later.
- Do I need to read the whole book?
 - Yes. **In fact, you need to read a bit more than the book.**

week	seminar	lecture	assignments
1 Feb 17, 22	none	The Sins of Corruptibility & Bean Counting	
2 Feb 24, 22	Retraction Watch & How not to fall a victim	The Sin of Bias	Quiz 1
3 Mar 3, 22	Preregistrations, Registered reports and other saving graces	The Sin of Unreliability	GA 1
4 Mar 10, 22	Guest: Ethics & GRP + CryptoBias	The Sin of Hidden flexibility	Quiz 2
5 Mar 17, 22	Guest: GRP in qualitative research + Theory building	The Sin of Data Hoarding	GA 2
6 Mar 24, 22	Data & Registration Repositories	The Sin of Internment	Quiz 3
7 Mar 31, 22	Voices against Good Research Practices	Redemption	
8 Apr 7, 22	Guest: The redeemed sinner	none	Final assignment

Schedule

- Contents of modules may slightly change
- We are negotiating a guest appearance by an Australian open science activist and academic iconoclast
- Stay tuned! And check out the interactive canvas in IS

Communication in the course

- this is an **English-taught course**, open to international students,
- this is also a **platform for open communication and debate**,
- and a low-key **simulation of what you may experience when you decide to study at a university abroad**.

We understand that some of you may not feel comfortable with speaking English. However, if you wish to study abroad or even attend conferences, you'd eventually need to. So don't worry about your mistakes and just try to get the message through. You will **NEVER be graded on your language skills**, given that you are able to get the message through. However, you will get feedback on the quality of your writing in the assignments.

Grading

- **not an easy course!**
- however, your **chances of passing are high**, since we do not give a final grade!
- 10-point grading scheme
- **late submissions possible**; a penalty (1p/day) applies when you do not provide a reasonable explanation beforehand
- 4 types of assignments:
 - Quiz (Q)
 - Group assignment (GA)
 - Individual assignment (preregistration/registered-report)
 - Newsflash! (a week in the world of GRP)

	UvA Letter	Grade point	UvA Descriptive grade	Grade point	UK Letter	US Letter
9.0 - 10.0	A+	9.5	Excellent	9.0	A+	A+
8.5 - 8.9	A	8.5				
8.3 - 8.4			A-	8.0	Good	8.0
8.0 - 8.2						
7.8 - 7.9						
7.5 - 7.7						
7.3 - 7.4	B+	7.5	Satisfactory	7.0	B	B+
7.0 - 7.2	B	7.1				
6.7 - 6.9	B-	6.8				
6.5 - 6.6	C+	6.5				
6.4						
6.0 - 6.3	C	6.0	Sufficient	6.0	D	C
5.5 - 5.9						
4.6 - 5.4	D	5.0	Fail	4.0	F	F
1.0 - 4.5	F	4.0				

Quizzes

- there will be **three quizzes** altogether
- the quizzes are **NOT OPEN BOOK**, just paper-pencil
- composed of from **two to several open-ended questions**
- the purpose of the quizzes is to check whether you **read & understood the literature**
- you **will be told what you will be quizzed on** (usually the book)
- you **WILL NOT** be tested on **encyclopaedic knowledge**
- The **MEDIAN** grade for quizzed counts

Group assignments

- Further details are in the interactive syllabus – **groups of 4-5**.
1. Read two articles and write a short blogpost about your position.
 2. Briefly comment on a study of your choice with regards to its research practices – is it good, bad, or okay?

Final Individual Assignment

- Preregistration or registered report
- Choose one that fits you best
- **You are encouraged to (pre)register your thesis!**
- Deadline may be set individually so that you can profit the most from this assignment (e.g., if you don't have a thesis topic yet)

Newsflash! - the week in the world of GRP

- Good news – Newsflash is **not graded!**
- Every week at the seminar you can briefly share the interested info you gathered on your scientifically relevant Twitter, or via other media!
- This way we can all learn about interesting new things!



HARKing

Low power

P-hacking

Publication bias

Shall we roll?