

Statistics PF Summary

Longlin Wang, Statistics PF, 2023-2024

Feedback and Changes

- ▶ At the start of the teaching course (Stat 303), we received feedback from the students about the activities we planned...
 - ▶ “Are the active learning strategies backed by empirical studies?”
 - ▶ “How are these gonna help in actual teaching?”
- ▶ Also, we heard from G2s who just started teaching but wished they had known certain things in the last year...
 - ▶ “I still don’t know how to manage my time during sections.”

► We made changes aiming to inject more practicability into the curriculum.

Practice
makes
perfect

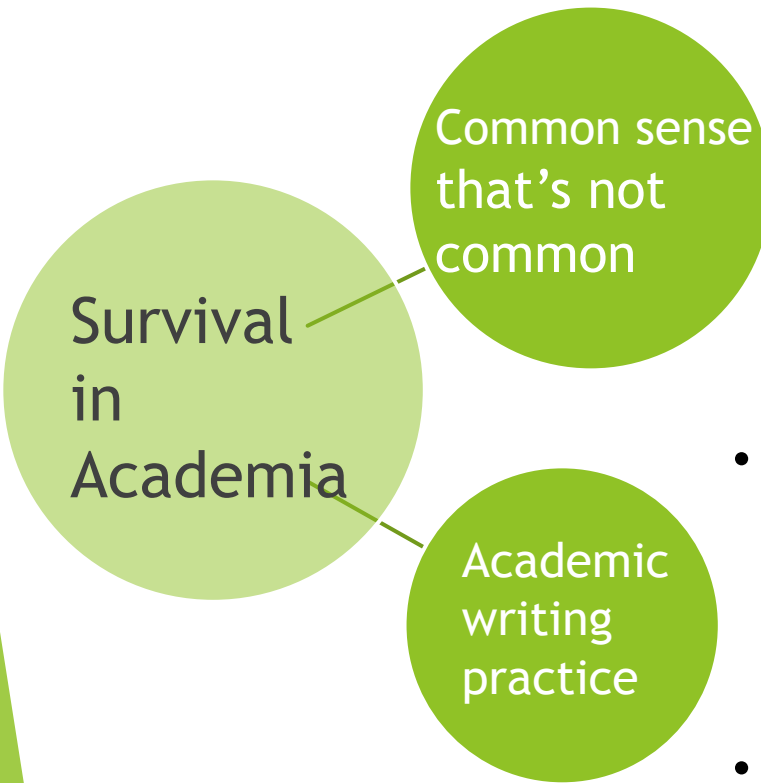
Practical
Teaching
Skills

Everyday
work
of a TF

- Four rounds of micro-teaching:
 - Boardwork / slides / active learning / question handling
 - Practice with the PF before class / instant feedback in class / aggregated feedback after class
- How to teach a section (experience from the PF):
 - Handout, time management, etc.
- Workshop: Grading, rubrics, syllabus design

Many thanks to Anza
who led the workshop!

- ▶ Aside from that, we increased the proportion of academia basic skills.



- How to submit a paper to a journal / conference / Arvix
- How to evaluate a submission venue
- LaTeX pro tips
- ...

Even the PF himself learned a lot he didn't know

- A comprehensive round of writing practice
 - Research proposal
 - Paper review
 - Presentation and discussion
- Person-specific, in-depth feedback for every single student

- ▶ Last but not least, we tried to put more stress on inclusive and ethical teaching.

Equity, Diversity,
Inclusion &
Belonging

- Workshop: EDIB and undergraduates at Harvard

Many thanks to Ashlie
who led the workshop!

Thoughts
on Ethics

Grand
Finale

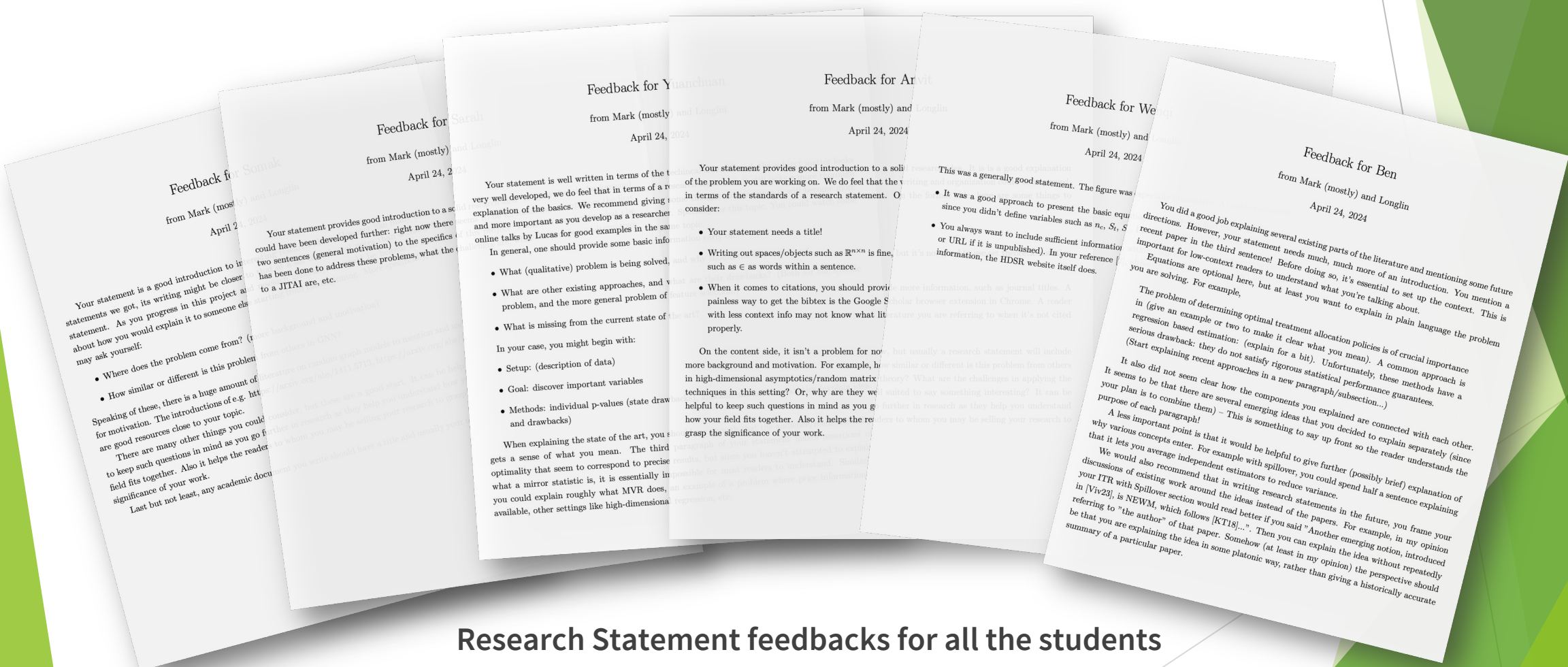
- The point of ethics education in science:
The Origins, Obstacles, and Aspirations of Embedded EthICS@Harvard

- ▶ We addressed many of the student's concerns, and reaffirmed the goal of Stat 303:
 - *To make the students better teachers and communicators of statistics!*



Pictures from the grand finale talk

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 - To make the students better teachers and communicators of statistics!



Research Statement feedbacks for all the students