

36-726: Statistical Practice

Next Steps

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Outline

- Feedback from your Faculty Mentors
- Upcoming Third Progress Reports
- IDMRAD paper
- IDMRAD talk
- Some Details
- Next Week & after...

Feedback from your faculty mentors

- Collected last week
 - Some comments, such as “data coming tomorrow”, will be a little out of date
 - Generally feedback focuses on what you are doing well (lots!) and some challenges you may be facing
- Will be sent to you today, cc’d to your faculty mentor
 - Please feel free to discuss with your mentor, me, and/or Jamie

Third Progress Reports

- Talks scheduled for Apr 12-21
- Thinking about IDMRAD components
 - Updates of D and M as needed
 - More complete R, and some D
- I will also ask for a draft IDMRAD paper from each team.
 - If a different written paper format would work better for your team, let's set up a meeting to discuss.

IDMRAD Paper

- Abstract
 - Summarize I, D, M, R and D of paper
- (I)ntroduction
 - Why would anyone want to read this paper?
 - What questions will be addressed?
- (D)ata
 - What dataset was used for this study?
 - Typically: Variable definitions, sample size, quick summaries and initial descriptive EDA
- (M)ethods
 - What did you do, to address these questions?
- (R)esults
 - What did you find?
- (a)nd
- (D)iscussion
 - What does it all mean?
 - Typically: answer questions, discuss generalizations & limitations
- Technical Appendix
 - Technical details of carrying out the (M)ethods

IDMRAD Talk

- Abstract
 - Title page (1 slide) + outline with sections for I, D, M, R and D of paper
- (I)ntroduction
 - (2-3 slides) What are the research questions?
- (D)ata
 - (2-6 slides) What dataset was used for this study?
 - Typically: Variable definitions, sample size, quick summaries and initial descriptive EDA
- (M)ethods
 - (2-6 slides) What did you do, to address these questions?
- (R)esults
 - (3-9 slides) What did you find?
- (a)nd
 - (1-3 slides) What does it all mean?
 - Typically: answer questions, discuss generalizations & limitations
- (D)iscussion
 - (1-3 slides) What does it all mean?
 - Typically: answer questions, discuss generalizations & limitations
- Extra slides
 - Have a few extra slides with details that don't fit in the main talk

Some details

- The slide counts on the previous slides are approximate
- The main idea is to have something to say in your talk about all the sections: I, D, M, R and D.
 - If some things aren't done yet, that's fine.
 - Just divide the section into “what's been done so far” and “what we still hope to do”
 - You can do the same thing in your draft paper.
- I will give you some written feedback on your projects based on your talk and draft report

Next Week & after...

- No class on Monday Apr 5
- We will have class on Wednesday Apr 9
- Third Progress Reports scheduled for Apr 12-21
 - Present talk
 - Submit slides (as pdf)
 - Submit draft paper (as pdf)