MARS 5470/4470 Spring 2019

Introduction to Scientific Computing

First Presentation Rubric (HW 5)

Oct 1 2019

**Assignment**

The goal of this first presentation is to develop your skills as a presenter and share with the group your data and analysis. Import your data into python using pandas, xarray, or some other method, make some plots and explain your methods and results. You will present this to the class 10/1 in a powerpoint presentation (or similar), along with an introduction to your dataset. The talk format is short, 8 min including questions. There should be about 5 slides, no more than 10. Load this presentation before class into github and call it HW\_5\_yourname.

General ideas about giving a good talk:

* Tell a story: edutainment, pacing, humor have some kind of narrative arc in your talk
* One slide per minute of talk is a good rule
* Make sure your font is legible to the audience, both for text and figures
* Not too many words, but some: bullet points are good
* Pictures to illustrate your ideas, engage the audience
* Explain your figures: axes, etc.
* Minimize and explain jargon
* Speak to multiple intelligences: hearing, reading, pictures
* Highlight your institution, collaborators and funding

Talks should be loaded onto github before the class period.

**Rubric**

Student Name:

1. Talk loaded onto Github before class (1 pt)

Non applicable

1. Has an introduction/background (1 pt)

I think it is lacking a proper overview or introduction of what she will be talking about. However, this may have taken place at another time and we just didn’t see it. Hard to tell.

1. Methods are presented clearly (1 pts)

Methods were presented mostly through her data analysis. I may have missed it but I did not catch here methodological procedure.

1. Results are presented clearly (2 pts)

All of her graphics and charts are all visually appealing, well formatted, and well labeled

1. Discussion of results (1 pt)

Hard to tell if they are presented clearly. I think im in over my head in this subject matter.

1. Slides are legible, fonts good size, not too much text (1 pt)

Some of her slides were heavy with text. But most of her slides were well organized.

1. Figures are formatted for presentation (1 pt)

Yes. But there is a lot of information

1. Speaker engages audience/speaks clearly (1 pts)

Yes she is very clear in speaking and doesn’t make it sound like she’s reading from a script.

1. Speaker keeps on time (1 pts)

If the time was 45 minute, then yes she kept on time.

Notes:

Olivia Clifton’s presents her research in a well thought out manner by using a clear graphics, is well articulated and speaks clearly, and is natural in presenting information. She, however, fills her charts and graphs with information, is clearly made for academics interested in that subject matter, and fails to include many key elements.

Her graphs are well labeled, use good styles and fonts, but are ultimately to complicated to understand while simultaneously trying to listen to her speak. If you had prior knowledge about this information, for example if you were given her slides before hand and studied them using outside information, than following her presentation would be simple. However, if you were in-person, and could not stop the video to fully dissect the information contained in each graphic, you would be lost trying to both understand graphs and listen to Olivia discuss the knowledge that was gained from the information.

She does not have a proper introduction or overview. As someone who knows little about her subject matter, I’m instantly lost from the first slide. A brief overview or summary of her presentation would be helpful. This overview should include what she expects that reader to learn and should also be repeated throughout the 45 minute discussion. She also give little to no background on what she is doing, her lab, or where she is coming from. To be fair, this may have been done in some previous content that we are missing.

Her graphs are all labeled and styled clearly, despite being full of information.

Personally, the subject is very foreign to me and difficult to connect with. I would probably not attend this presentation if I had a choice. Thus, I’m watching the presentation from a very different perspective and am clearly not her the intended audience.

Total: /10