Logistics for Journal article presentation

- Due date: by 12p on presentation date

- Review Comm Lab workshop slides!
- Completed individually
- Submission guidelines:
  - Slides to Canvas
- Additional assignment components:
  - Ask questions after peer presentations
  - Meet with Noreen to review / discuss your presentation

How will you communicate *their* science?

Format considerations [edit]

The timing provided here is a guideline for a 10-minute presentation. Your presentation may vary depending on the content.

Section	Minutes	Number of slides	DO	DON'T
Introduction	~2	2-3	• Introduce the key concepts that the audience will need to follow your presentation. • Briefly state the overall scope and significance of the study -- what is the central question and why is it interesting? • Try to summarize background material with a model slide rather than lines of text. If text is needed, bring in the details as you speak using PowerPoint animation.	• Don't assume you are addressing an expert audience. • Don't give more information than is absolutely needed to understand the rest of your talk. • Don't put too much information on each slide.
Data	~7	4-6	• Present the data in a logical sequence, letting each slide build upon the previous ones. • Include a title for each slide. The title should be the conclusion and should be unique to the information on the slide. • Make every element of your slide visible to the entire room. This means 20-point font or greater. • Interpret each slide thoroughly and carefully. • Point out strengths and weaknesses of the data along the way.	• Don't read your talk. Similarly, do not read lists from slides. • Don't put much information on each slide. Each slide should make only one point. • Never say, "I know you can't read this, but...". Everything on each slide should be legible. • Don't be afraid to remind the audience how the data fits into the overall question
Summary	~1	1	• Review each of your main messages. • Clearly state what the study contributed to the field.	• Don't repeat experimental details.
Question & Answer	?	0	• Answer the question being asked. If you are unclear about the question, ask for clarification. • Respect every question and questioner.	• Don't take too long with one question. If the discussion is involved, suggest meeting after the talk to discuss it more.

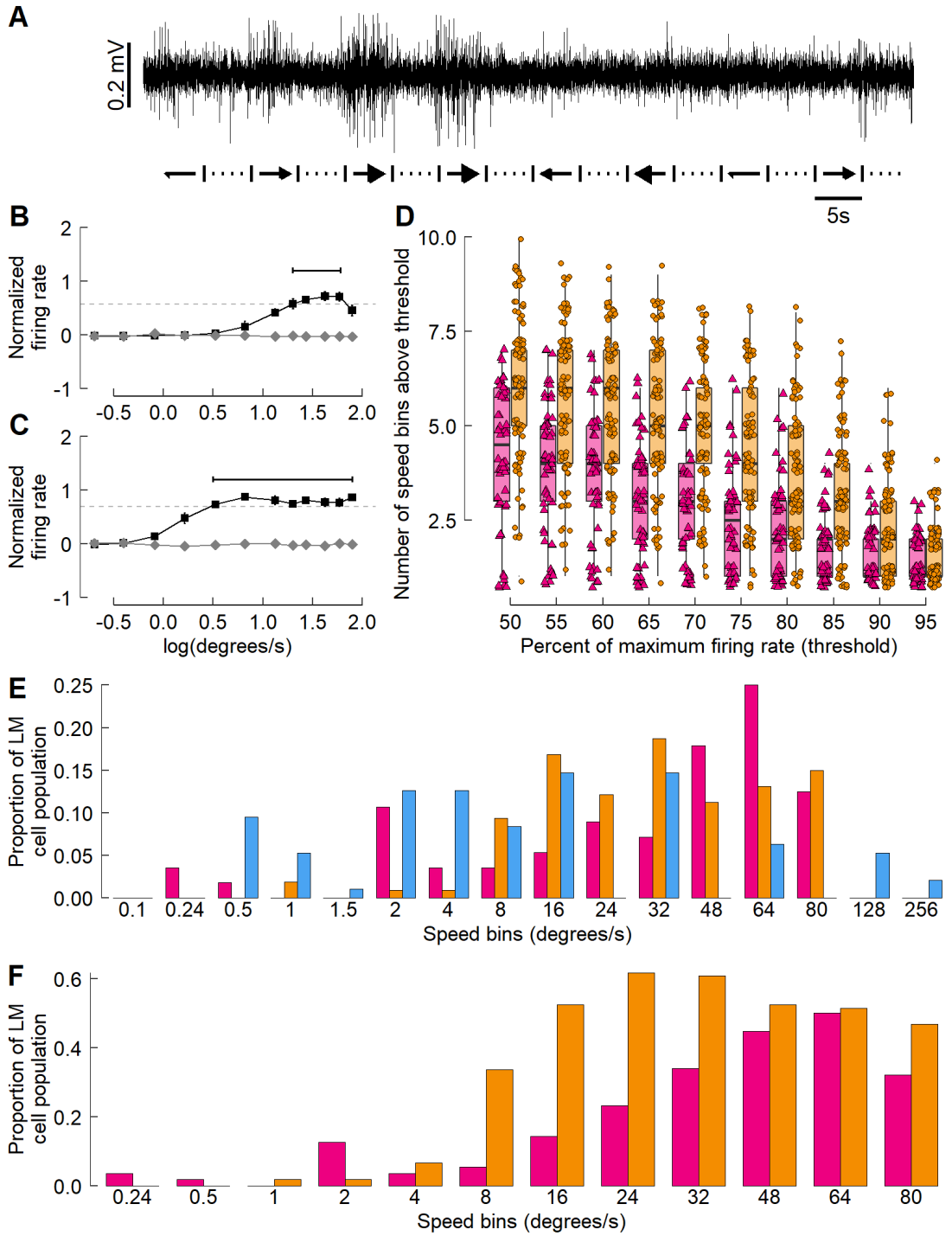
How will you report their data?

- Consider how to present the main finding / conclusion using the key data from the article
  - Do not have time to show everything
- Each data slide should present a single message
  - Do not need to include all panels for every figure used
- Be mindful of slide design
  - Title line is valuable real estate, use it wisely
  - Text is okay, but only important details should be included
  - The data are the most important part of the slide, ensure labels are clear

What is a figure?

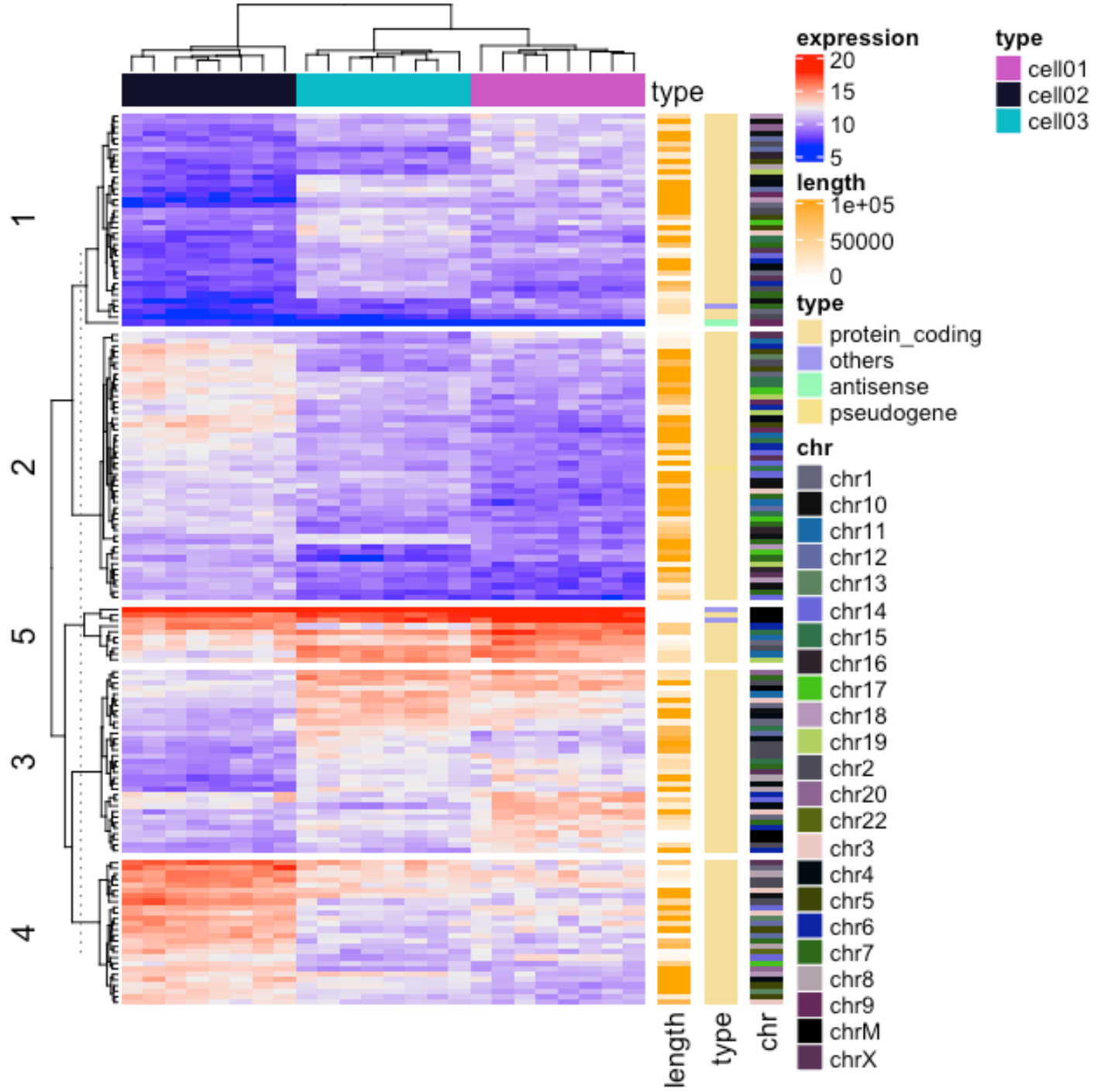
- Critically think about which figures best give the take-home message
- Consider which figures are best for a visual presentation
- Omit panel labels

- What figures are you able to understand / explain?



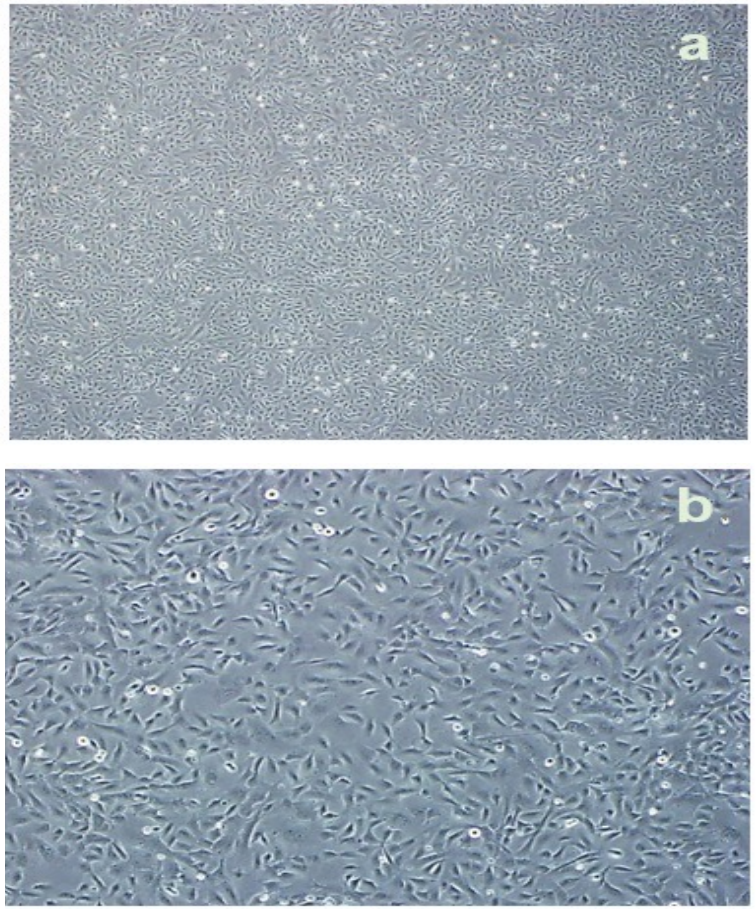
Figures can be overwhelming!

- When a complicated figure is necessary for the message, consider…
  - Using animation to layer in the information
  - Using boxes / arrows to highlight the information as it is discussed
- All color codes / labels that are shown should be explained



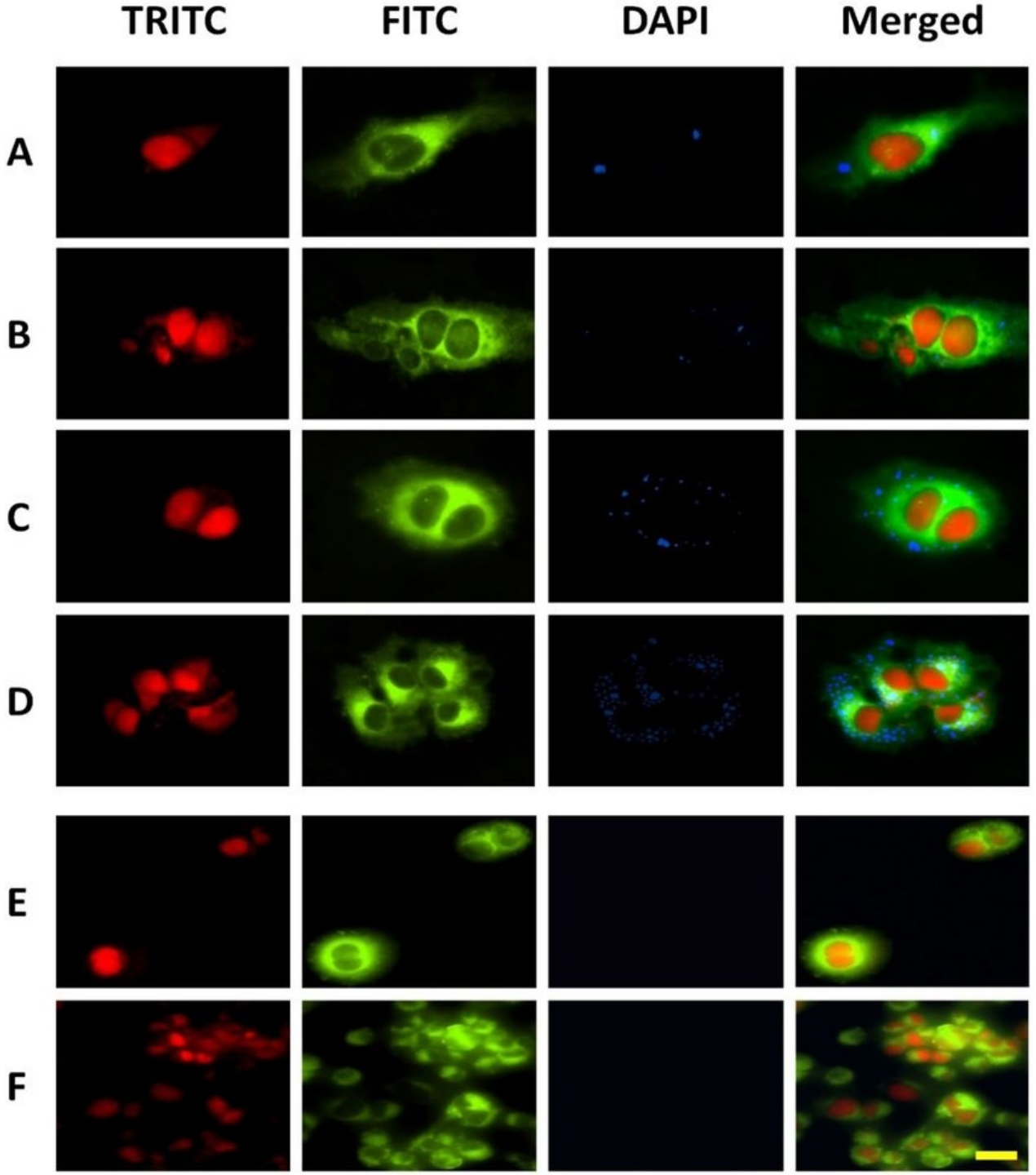
Figures may not project well!

- When an intricate / low contrast figure is necessary for the message, consider…
  - Describing each image and the key differences between the images as part of the script
  - Using clear labels on the images that define what is shown in each
- Avoid stating “this is difficult to see” or “this is better in the paper”



Figures may include layers of data!

- When results for controls are shown, be sure to…
  - Describe for what the result controls
  - State what is expected and how is relates to the experimental results
- Conditions and results for individual variables should be addressed



Be thoughtful of how the data are presented

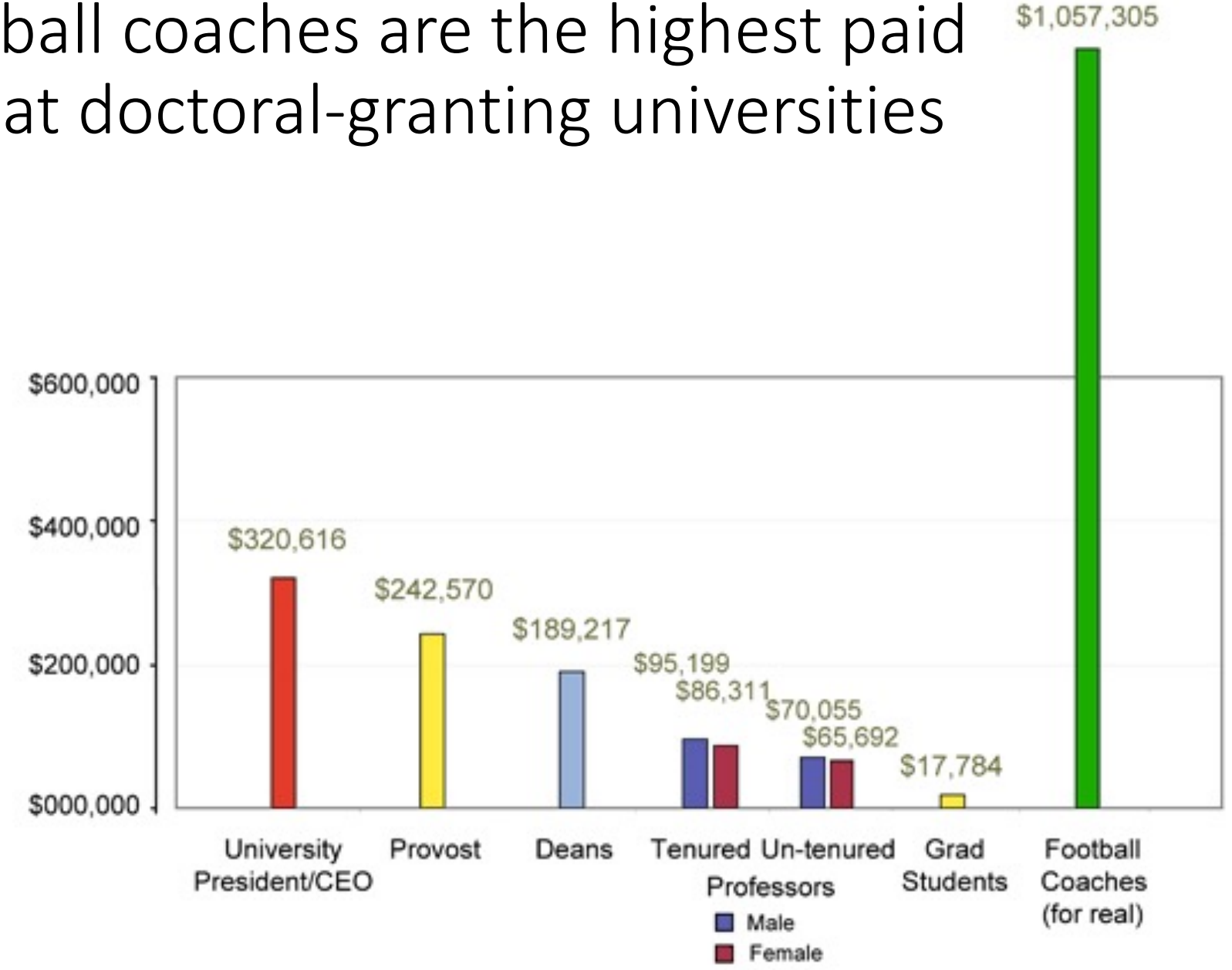
- Slides are for the audience, not for you!
  - Succinct bullets ensure the listener is able to follow the key information presented for each figure

- Images should be visible to ‘old eyes’ and shown long enough for the listener to see the data / results

- Brief statement on how the data were generated should be included to ensure the listener knows how to interpret what is shown

EXAMPLE SLIDE: Football coaches are the highest paid academic employees at doctoral-granting universities

- Data represent expression of Y using method A
- Possibly something about the control(s), if applicable
- Important notes about the data and findings that are not already stated in the title
- Transition to next slide… (can also be done verbally)



PhD Comics