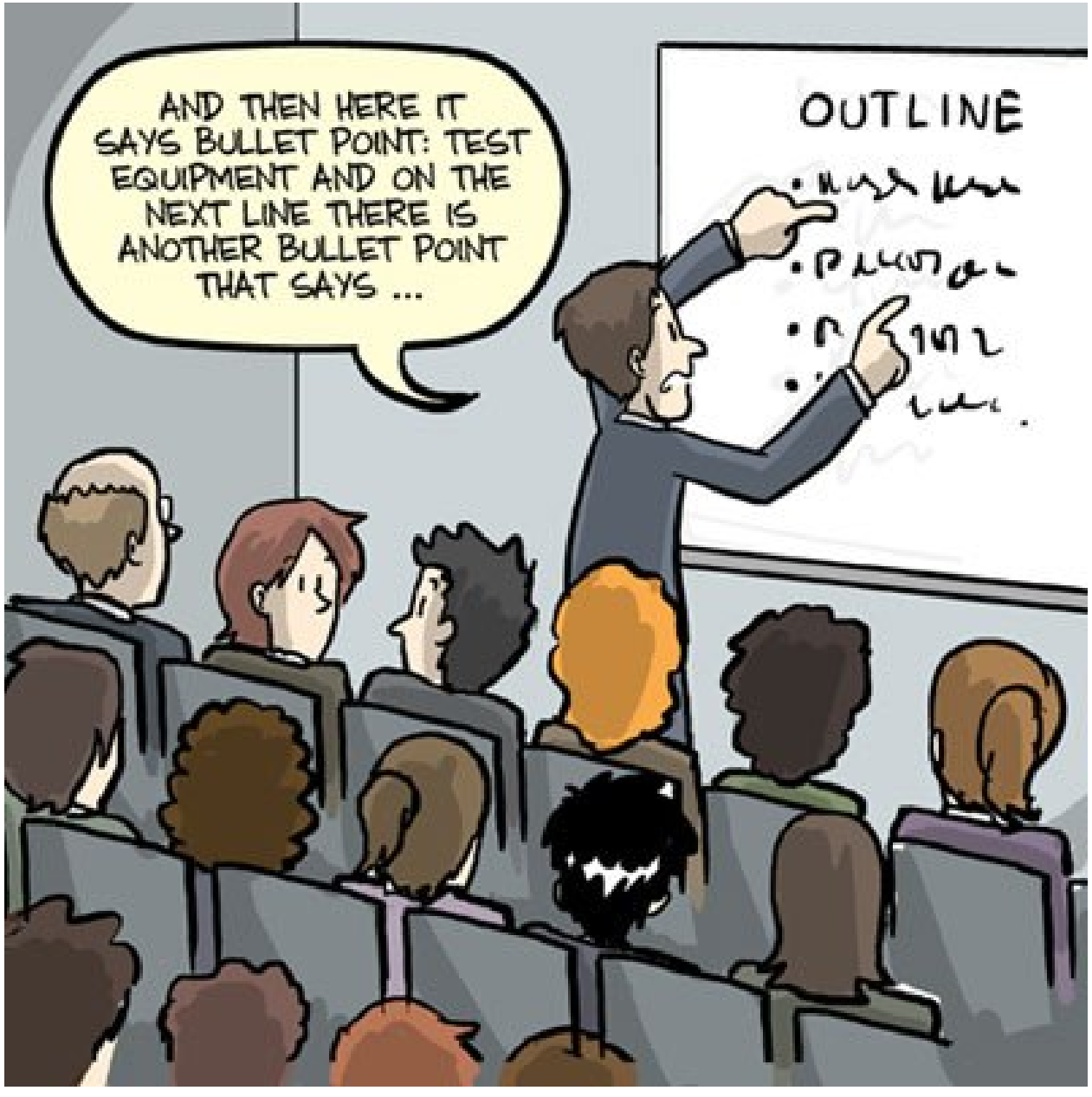
Oral (Scientific) Presentations

Cristina España-Bonet

UdS & DFKI

Summer Semester 2018

4th June 2018


AND THEN HERE IT SAYS BULLET POINT: TEST EQUIPMENT AND ON THE NEXT LINE THERE IS ANOTHER BULLET POINT THAT SAYS ...
OUTLINE

What follows is not
a scientific presentation!

Outline

Introduction

Before starting to prepare a presentation...

think on:

1. The topic
2. The audience
3. The time

Introduction

Before starting to prepare a presentation...

think on:

1. The topic
2. The audience
3. The time

4. The content & structure

Introduction

A talk is a story

Introduction, Development, and End

Content & Structure

Content & Structure

Introduction, Development, and End

A talk is a story

with a trailer and maybe a spoiler

Content & Structure

Introduction with trailer and spoiler

1. Front slide(s)
   - Who (collaborators too!) and **what**
   - Attention getter?

Content & Structure

Introduction with trailer and spoiler

1. Front slide(s)
   - Who (collaborators too!) and **what**
   - Attention getter?
2. Table of contents

Content & Structure

Introduction with trailer and spoiler

1. Front slide(s)
   - Who (collaborators too!) and **what**
   - Attention getter?
2. Table of contents
3. Introductory section
   - Attention getter?
   - **Need** and task
   - (Main message and preview)

Content & Structure

Development

1. **Task definition**

Content & Structure

Development

1. **Task definition**

2. Your approach, **key idea**

Content & Structure

Development

1. **Task definition**
2. Your approach, **key idea**
3. Theory, model and **results**

Content & Structure

End

1. **Sum up** your main conclusions
2. Which are the **strong points** (as compared to others)
3. How are you going to improve your **weak points**
4. Any **further work**?
5. **Thanks**

Content & Structure

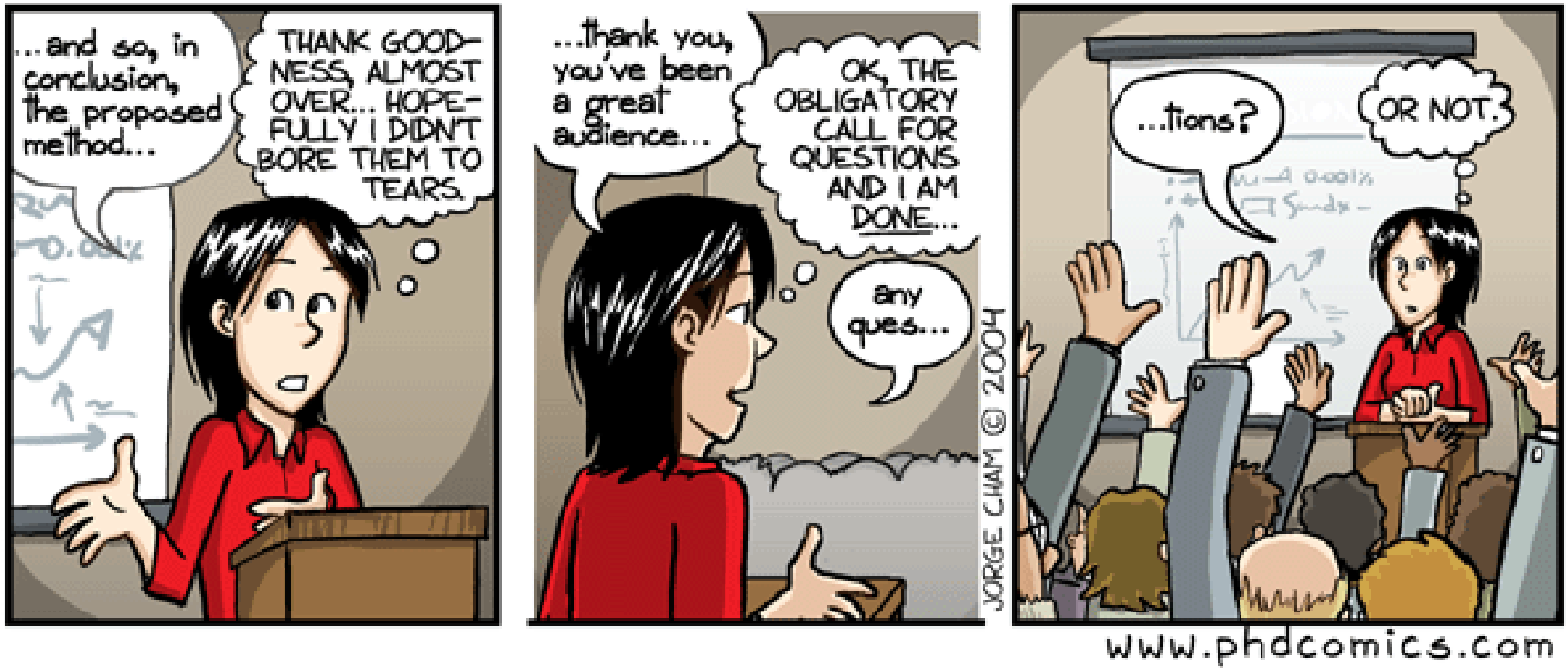
A talk is a story

Introduction, Development, and End

20-30%, 60-70%, and 10%

Content & Structure

End?



Content & Structure

End?

- Back-up slides
- Leave time for questions
- Learn from others

Tips & Recommendations

Tips & Recommendations

As a rule of thumb...

- Be **confident** (but not pedant),
  noone knows more about your talk than you
- Use common sense and, in general,
  - **1 slide per minute**
  - **Visuals** (doesn't mean animations!)
  - **Examples**

Tips & Recommendations

Verbal and nonverbal communication

- Make **eye contact**, don't talk to the screen
- Do **not hide** behind the computer and read

Tips & Recommendations

Verbal and nonverbal communication

- Make **eye contact**, don't talk to the screen
- Do **not hide** behind the computer and read
- Speak **loud** and,
- **change** your pitch, rhythm, and timbre

Tips & Recommendations

Verbal and nonverbal communication

- Make **eye contact**, don't talk to the screen
- Do **not hide** behind the computer and read
- Speak **loud** and,
- **change** your pitch, rhythm, and timbre
- Do **not rush**, especially towards the end
- Make **pauses**, you can use the ToC

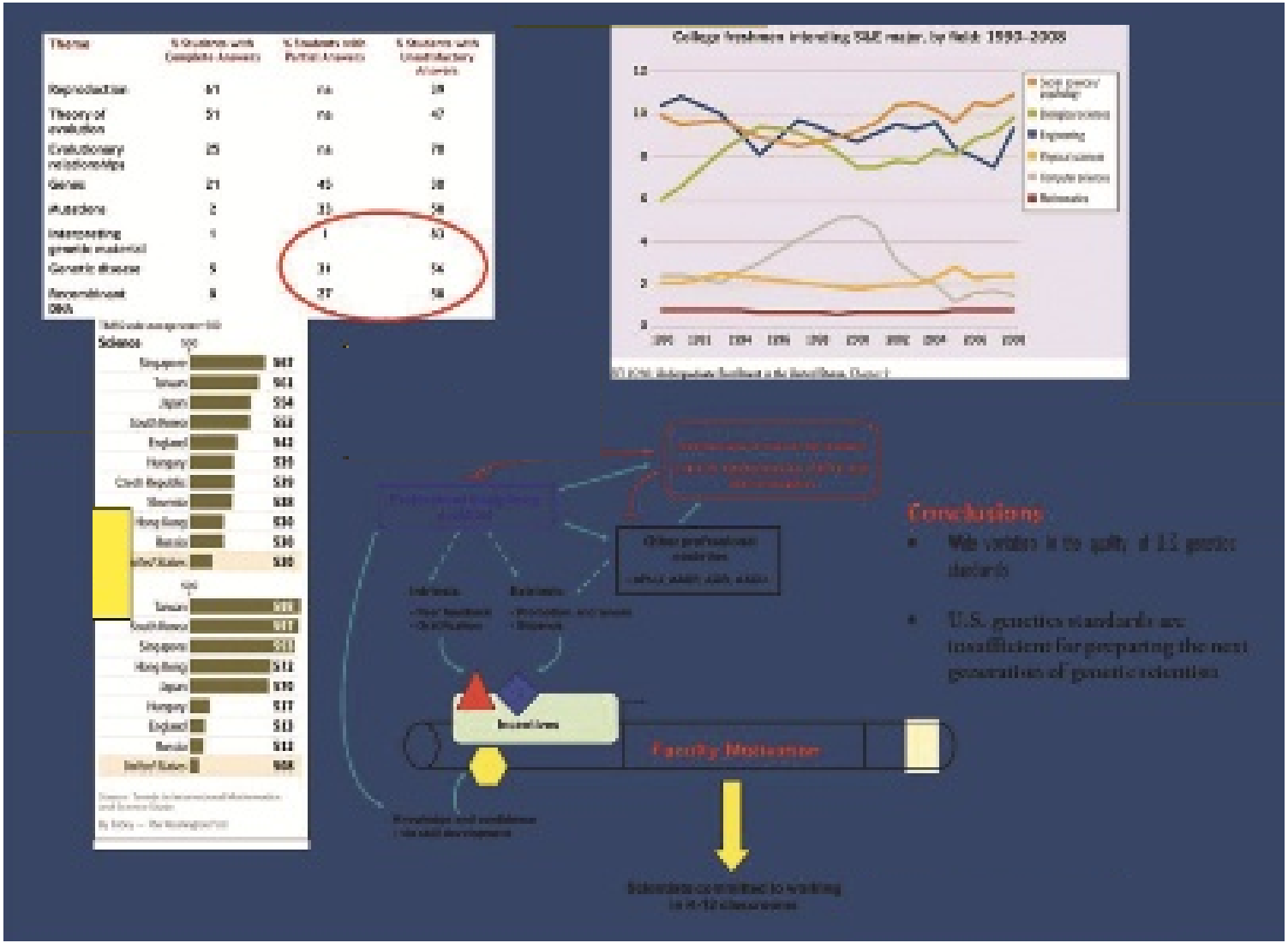
Tips & Recommendations

Visual communication

- One idea per slide
- High contrast
- Few text (and summarised)
- Large (and simple) font

Tips & Recommendations

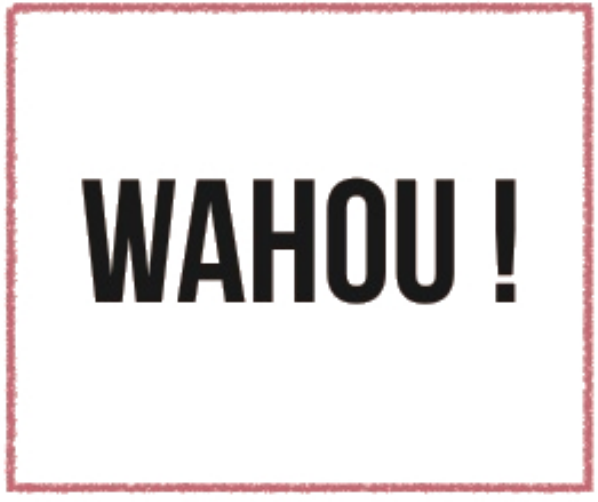
Visual communication: One idea per slide



Tips & Recommendations

Visual communication: Density of text

This is a document.



This is a slide.

Tips & Recommendations

Visual communication: Contrast, Font size

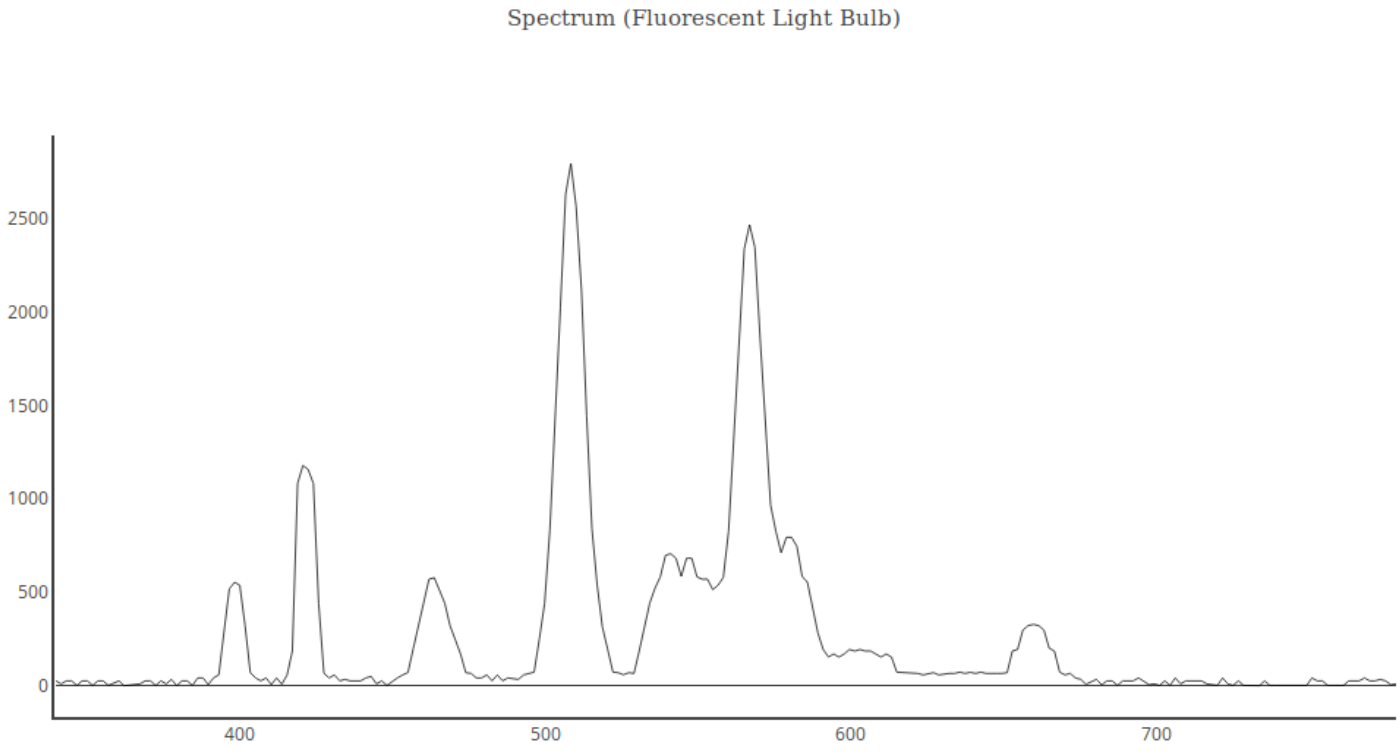
Tips & Recommendations

Specific to scientific talks

- Readable plots with axis and labels
- Readable tables
- Non-misleading information
- Acknowledge other's data

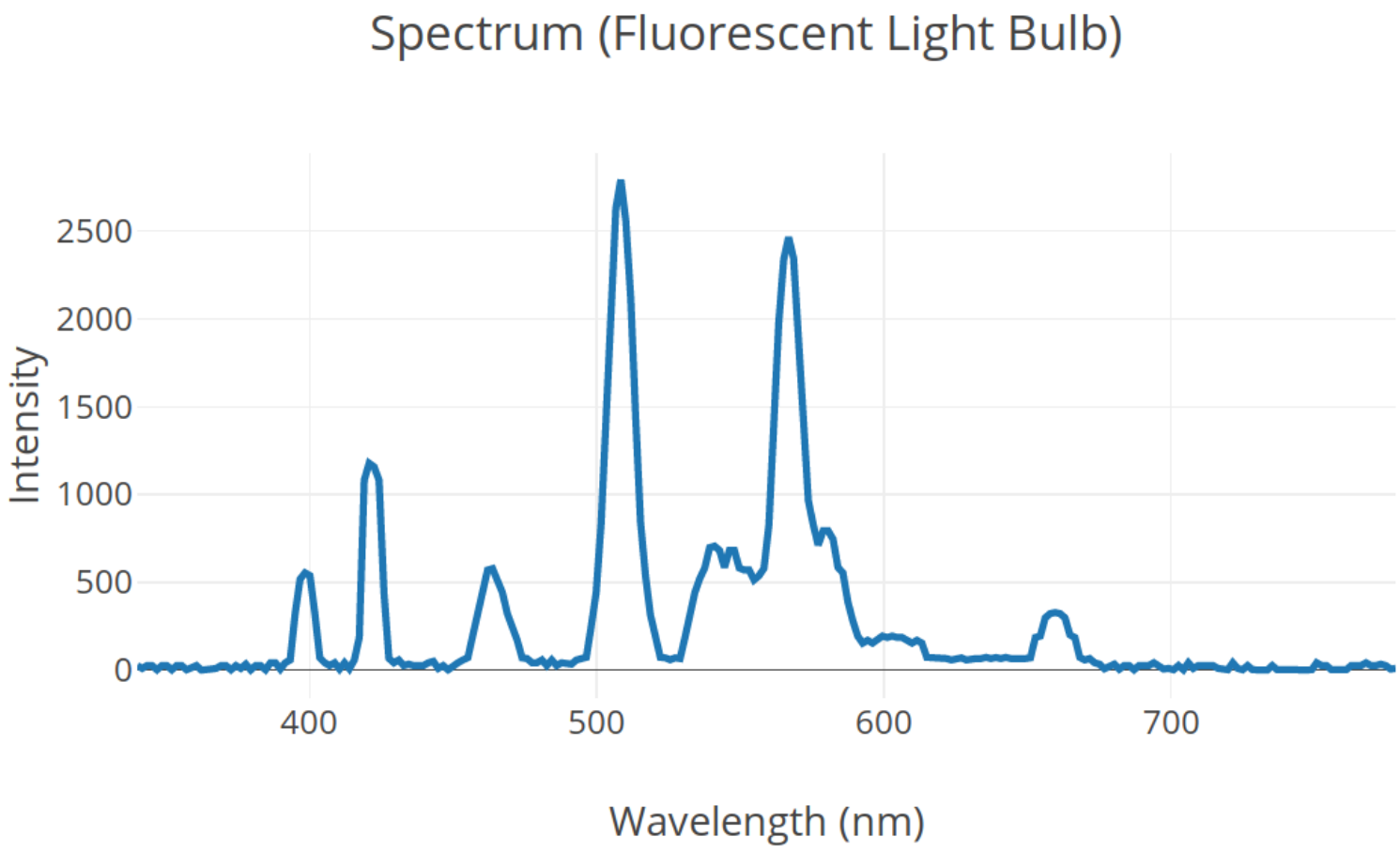
Tips & Recommendations

Visual: Clear plots (No!!)



Tips & Recommendations

Visual: Clear plots



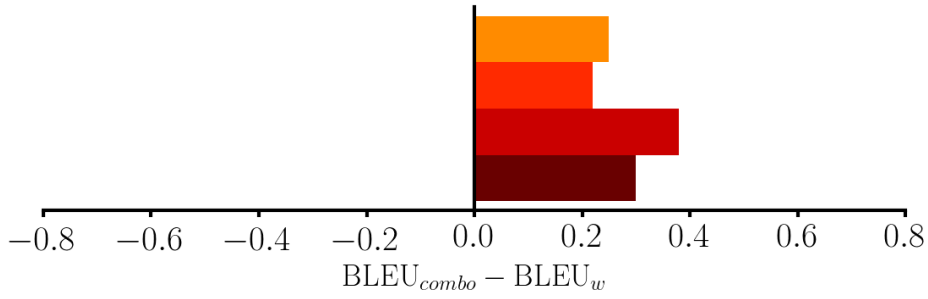
Tips & Recommendations

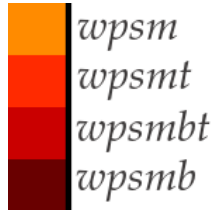
Visual: Clear tables with comprehensible data (No!!)

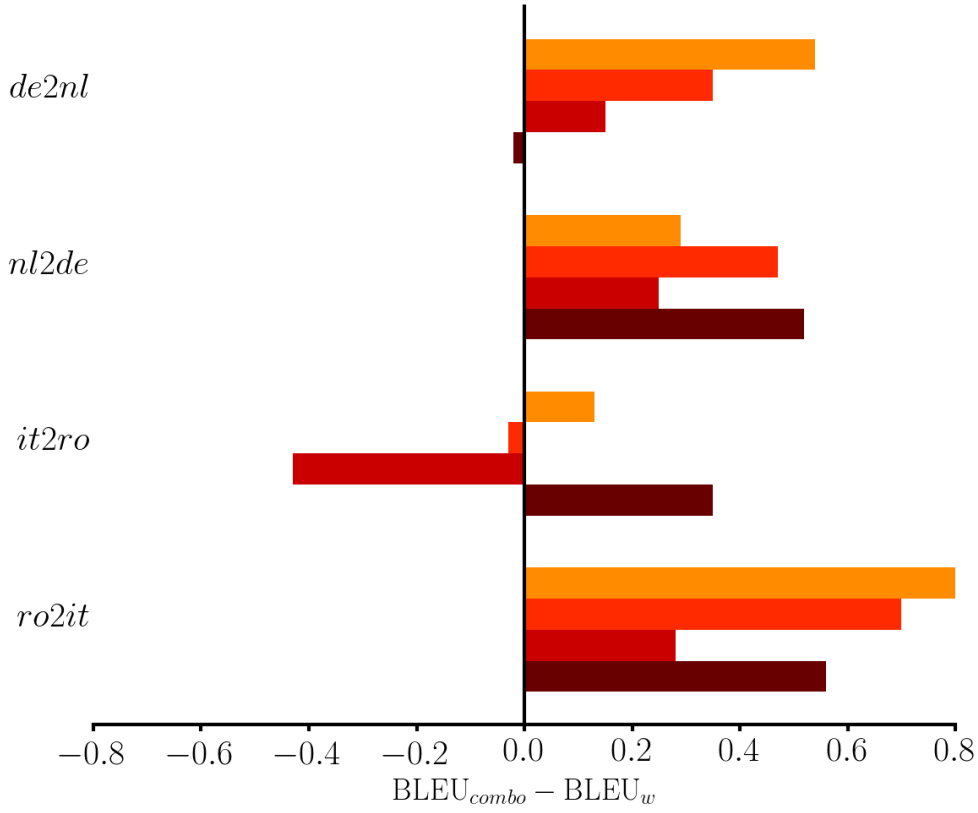
	beam size		factors + 4-ensembles (beam size 10)						
	w5	w10	w	wb	wt	wpsmb	wpsm (SUB1)	wpsmt (SUB2)	wpsmbt (SUB3)
de2it	18.02	19.20	19.78	20.28	19.67	**20.35**	20.10	20.05	20.33
it2de	18.05	19.49	19.90	20.42	20.30	20.22	20.42	20.06	**20.45**
de2nl	18.82	21.11	21.75	22.51	21.62	21.73	**22.29**	22.10	21.90
nl2de	18.82	20.76	21.52	21.99	21.56	**22.04**	21.81	21.99	21.77
de2ro	15.85	17.57	18.23	18.46	18.19	**18.60**	18.23	18.00	18.40
ro2de	18.56	20.05	20.87	21.23	20.78	21.34	**21.49**	21.12	21.41
de2en	30.11	31.67	32.65	32.97	32.71	33.34	33.11	32.91	**33.51**
en2de	24.61	26.06	27.02	27.26	26.97	27.36	27.15	27.10	**27.44**
en2it	26.33	27.90	28.88	**29.35**	28.69	29.06	28.99	28.94	29.34
it2en	31.22	32.56	33.46	33.20	33.25	33.49	33.53	33.33	**33.87**
en2nl	28.60	30.24	31.27	31.08	31.26	30.80	30.90	31.17	**31.44**
nl2en	33.86	35.39	36.20	36.57	36.03	36.92	36.82	36.55	**37.40**
en2ro	23.65	25.28	26.38	26.18	25.76	26.37	25.85	26.08	**26.47**
ro2en	32.02	33.59	34.34	34.82	34.34	**35.31**	34.87	34.89	35.09
it2nl	19.03	21.05	21.58	21.91	21.48	21.41	**21.79**	21.77	21.54
nl2it	19.80	21.23	21.72	21.97	21.71	21.81	21.61	**21.84**	21.83
it2ro	16.42	18.14	19.16	18.94	18.68	**19.51**	19.29	19.13	18.73
ro2it	17.37	19.50	20.04	20.84	20.28	20.60	**20.94**	20.74	20.32
nl2ro	17.28	18.42	19.09	19.39	19.07	19.35	19.09	**19.45**	19.42
ro2nl	19.28	21.21	21.70	21.65	22.00	22.21	**22.61**	22.20	22.50
Concatenation	22.68	24.31	25.08	25.32	25.01	25.38	25.33	25.30	**25.46**

Tips & Recommendations

Visual: Clear tables with comprehensible data (a plot?)

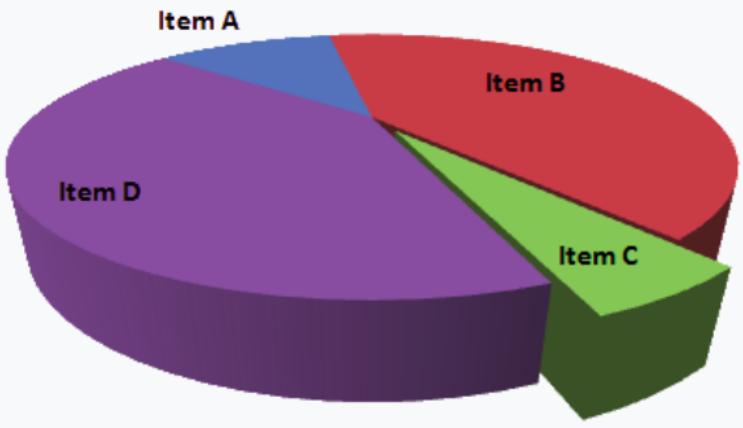
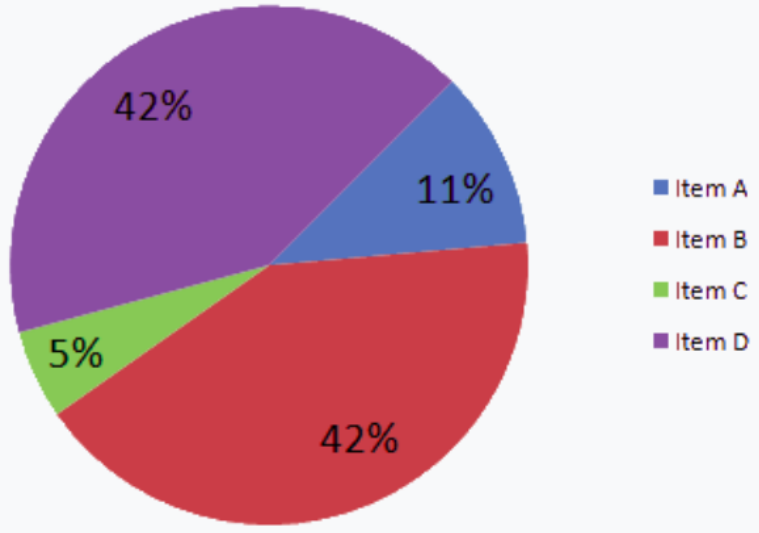






Tips & Recommendations

Visual: Non-misleading visualisations!

Misleading pie chart	Regular pie chart
	

https://en.wikipedia.org/wiki/Misleading_graph

References & Remarks

References & Remarks

Where to know more

- Publishers such as Springer or Elsevier have tutorials
- Learn by listening to others
- If we have time, we'll go through Lucia Dettori talk
  `www.uvm.edu/~aellis5/Dettori.2007.Research.talk.101.ppt`

References & Remarks

For Lab 3:

1. The topic
2. The audience
3. The time

References & Remarks

For Lab 3:

1. The topic
   assigned paper

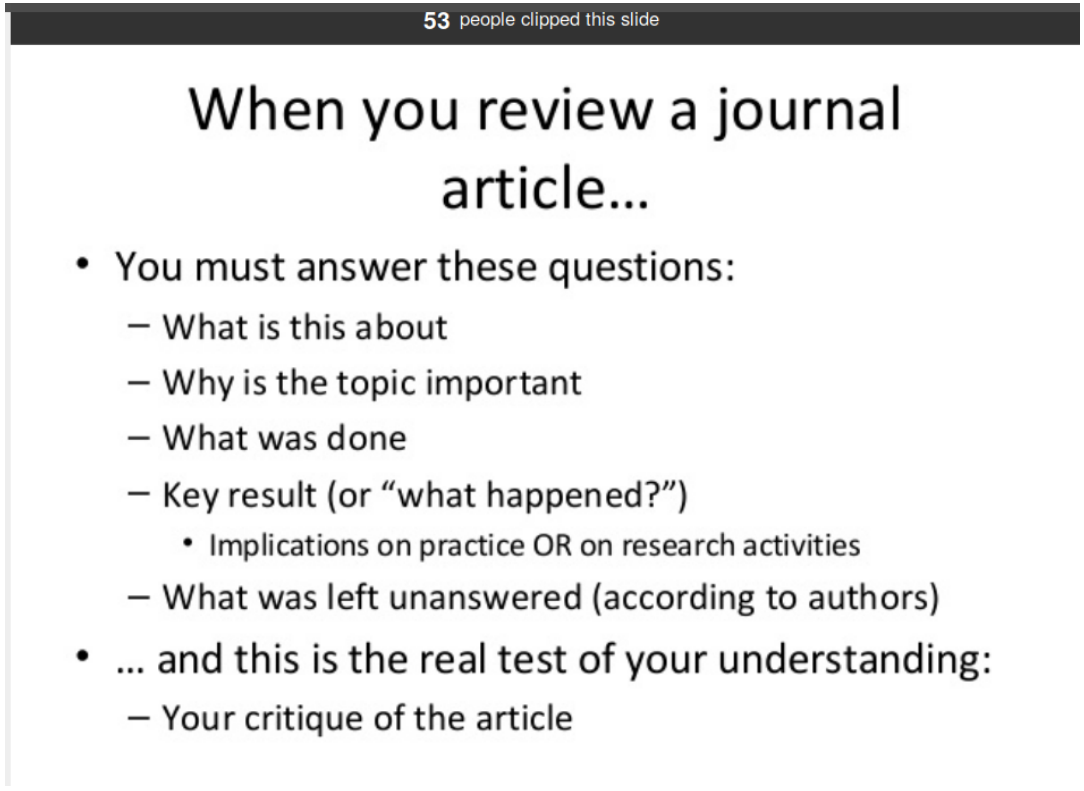
2. The audience
   students (assume no previous knowledge on the topic)

3. The time
   15 min (2 min review) + 5 min questions

4. The content & structure
   detailed! –not a research talk yet

References & Remarks

For Lab 3:



https://www.slideshare.net/Skarrila/how-to-review-a-journal-paper-and-prepare-oral-presentation

References & Remarks

For Lab 3: Review

ACL review form

`https://acl2018.org/downloads/acl_2018_review_form.html`

References & Remarks

For Lab 3: Review

Summary and Contributions

Describe a summary of the paper, and list the main contributions claimed for the work in this submission, in the order of strength (primary contributions should be presented first).

Describe the contributions of this work *as you see them*, not as the authors see them. For example, the authors may think their method is a key contribution; however, you may think the method lacks novelty, but the data and evaluation are significant contributions. We recommend to give between 1 and 3 contributions.

```
Summary:

Contribution 1:

Contribution 2:

Contribution 3:
```

References & Remarks

For Lab 3: Review

Strengths

What are your strongest arguments supporting the acceptance of this submission?

For each argument you give, **please provide detailed explanations and/or evidences supporting your argument, so as to facilitate the area chairs to evaluate the significance of the submission**. To trade off between thoroughness and compactness, we recommend to give between 3 and 5 arguments, ordered by the arguments importance (primary arguments should be presented first).

```
Strength argument 1:

Strength argument 2:

Strength argument 3:

Strength argument 4:

Strength argument 5:
```

References & Remarks

For Lab 3: Review

Weaknesses

What are your strongest arguments against the acceptance of this submission?

Note that the authors are supposed to reply to your weakness arguments during the author response period. For each argument you give, if applicable, **please provide detailed explanations and/or evidences supporting your argument, so as to facilitate the authors to reply**. To trade off between thoroughness and compactness, we recommend to give between 3 and 5 arguments, ordered by the arguments importance (primary arguments should be presented first).

```
Weakness argument 1:

Weakness argument 2:

Weakness argument 3:

Weakness argument 4:

Weakness argument 5:
```

References & Remarks

Oral (Scientific) Presentations

Cristina España-Bonet

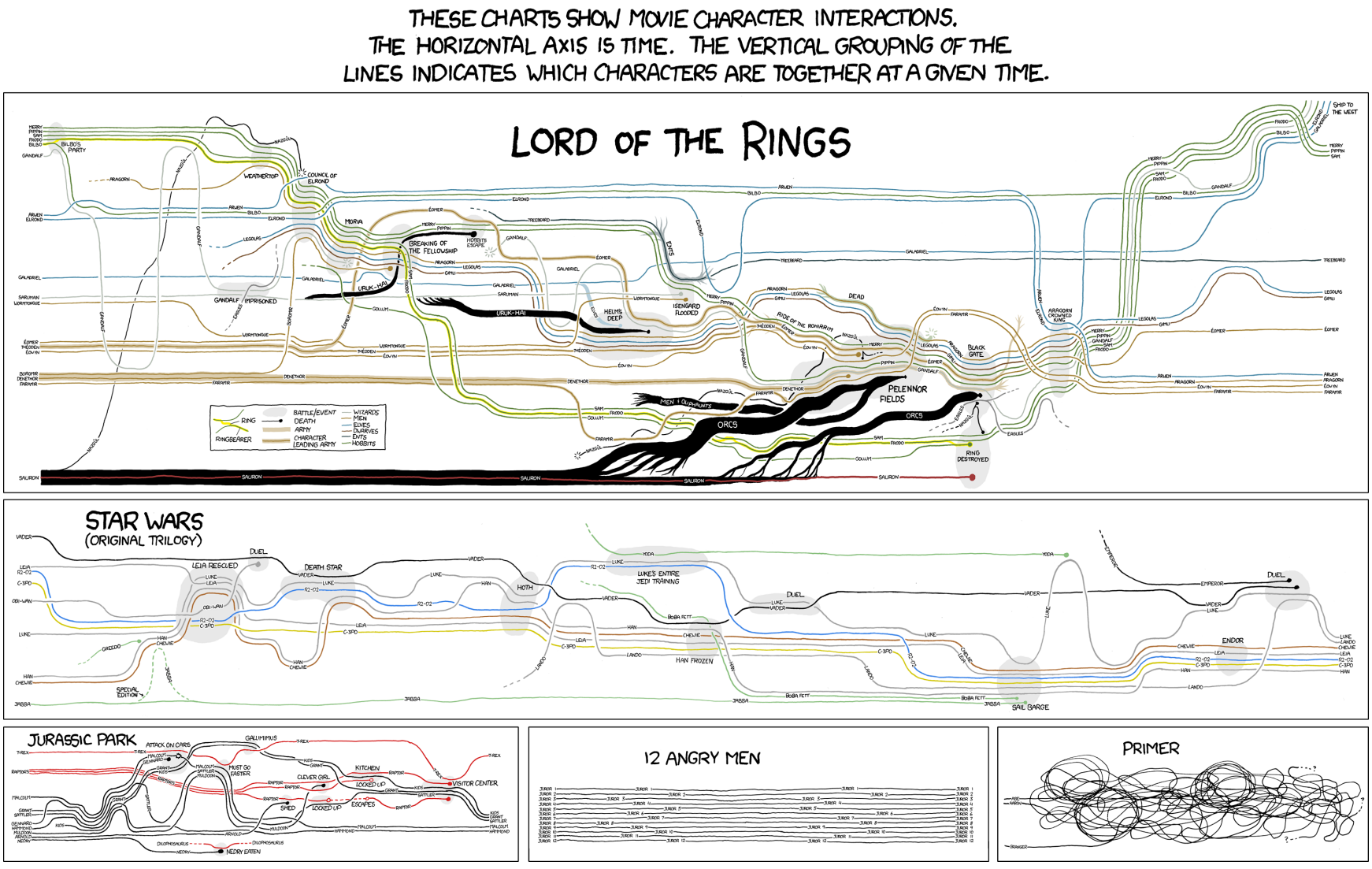
UdS & DFKI

Summer Semester 2018

4th June 2018

Back-up slides

Tell a story... but be careful!



https://xkcd.com/657/