

Scientific Writing in Astro

Lecture #4

Dorottya Szécsi

NCU, 12 Dec. 2020

The other type of presenting your
work: giving a talk

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- Let's see how *not* to do it.

Investigation of the functional parametrics of the statistical significance in the visibility of the SKD27+oSS object

Dorottya Szécsi
NCU/Uni KÖLN

Outline of the talk

- Introduction
- Methods
- Results
- Conclusions

A wall of interesting text that I'm going to read out loud for you

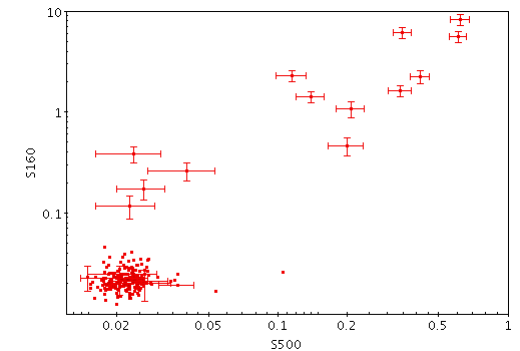
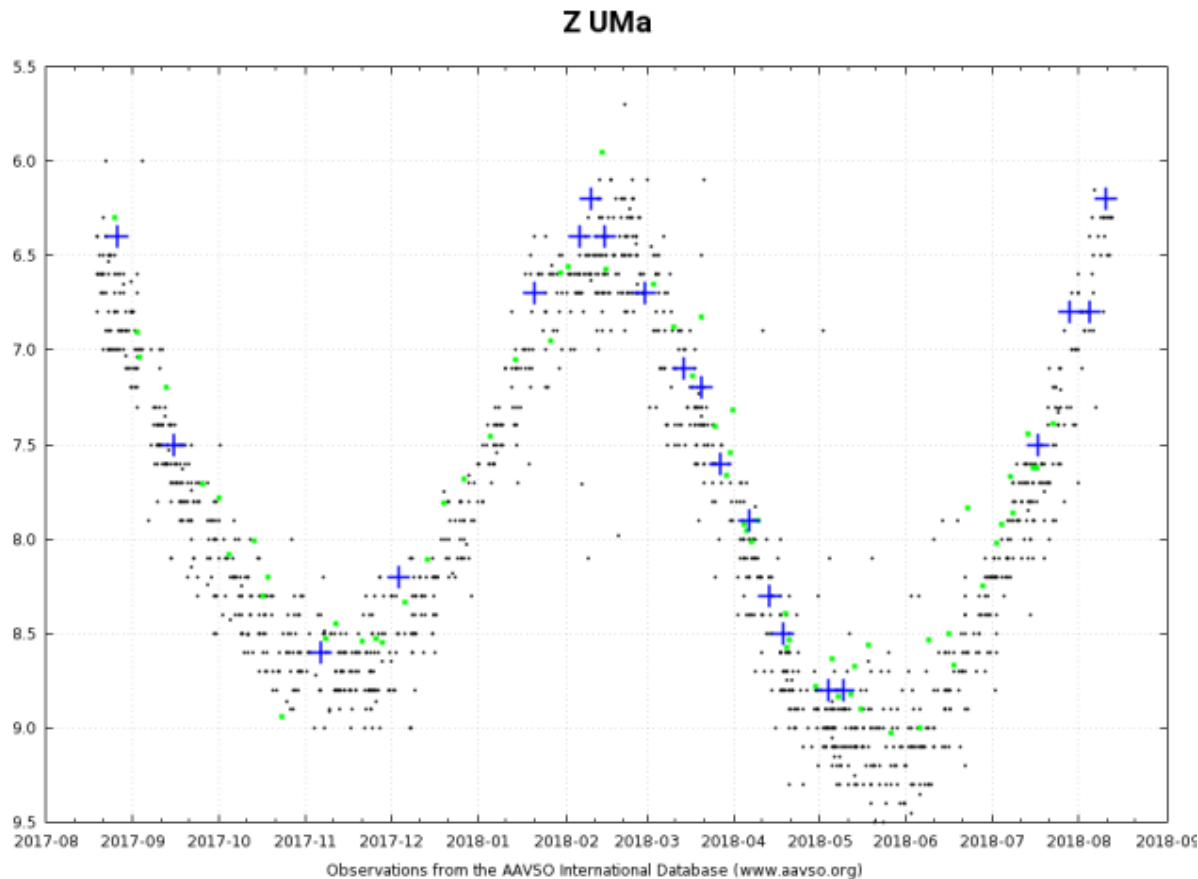
Some of the nearest BCDs, amongst them I Zw 18, have been resolved to stars and were studied comparing CMDs to synthetic populations (Aloisi et al. 1999; Izotov & Thuan 2002, 2004).

This was done by using non-rotating stellar evolution models with a solar metallicity scaled down (by a factor of ~ 50 in the case of I Zw 18).

And now I'm going to show you 16 (sixteen) figures, one after each other

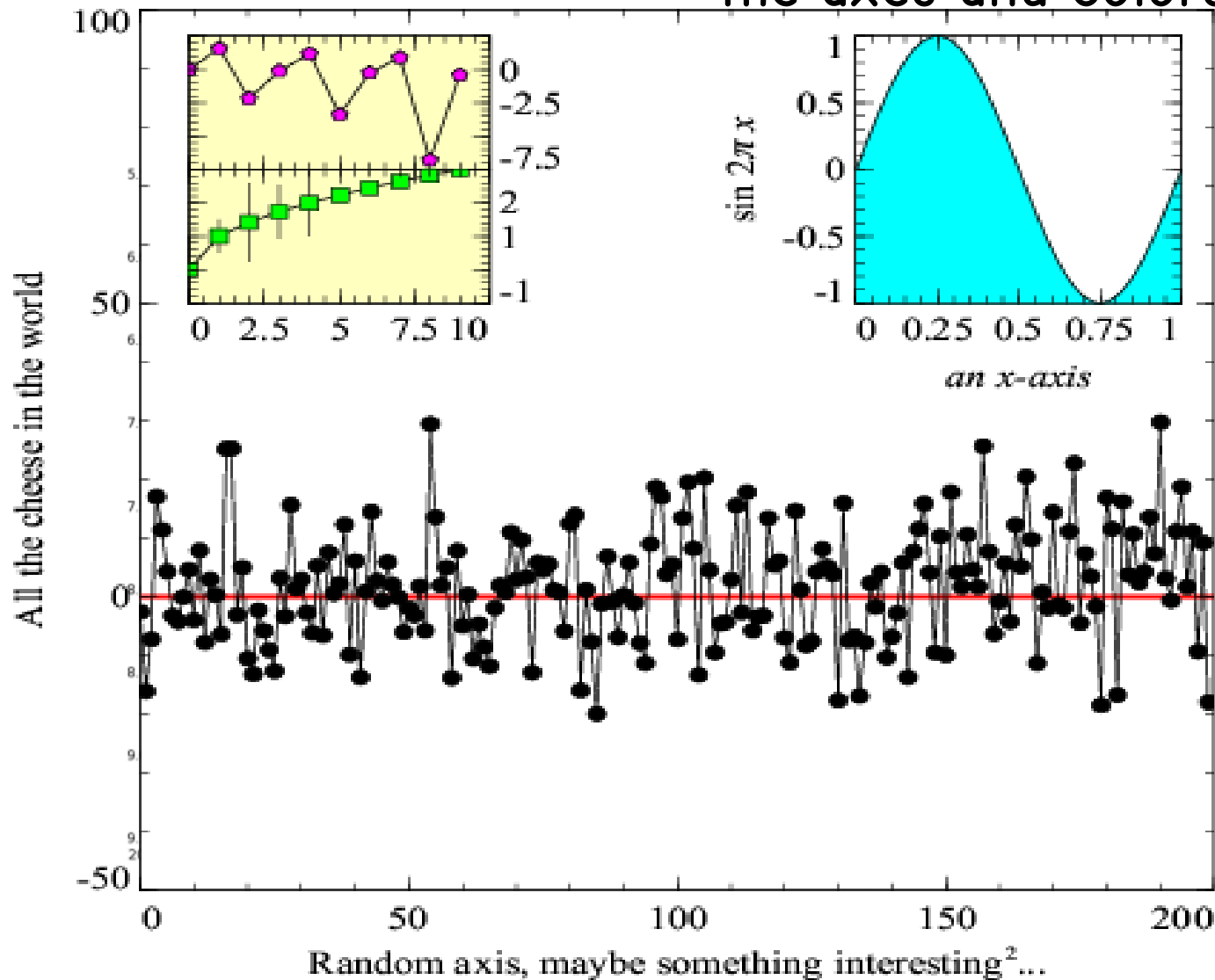
and most of the time don't even explain
the axes and colors and what you see...

*oh, and
preferably so
that the font is
way too small
for you to
read...*

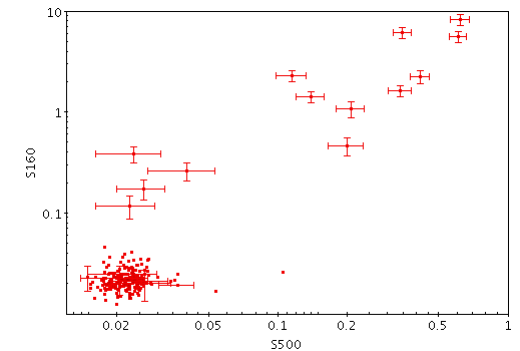


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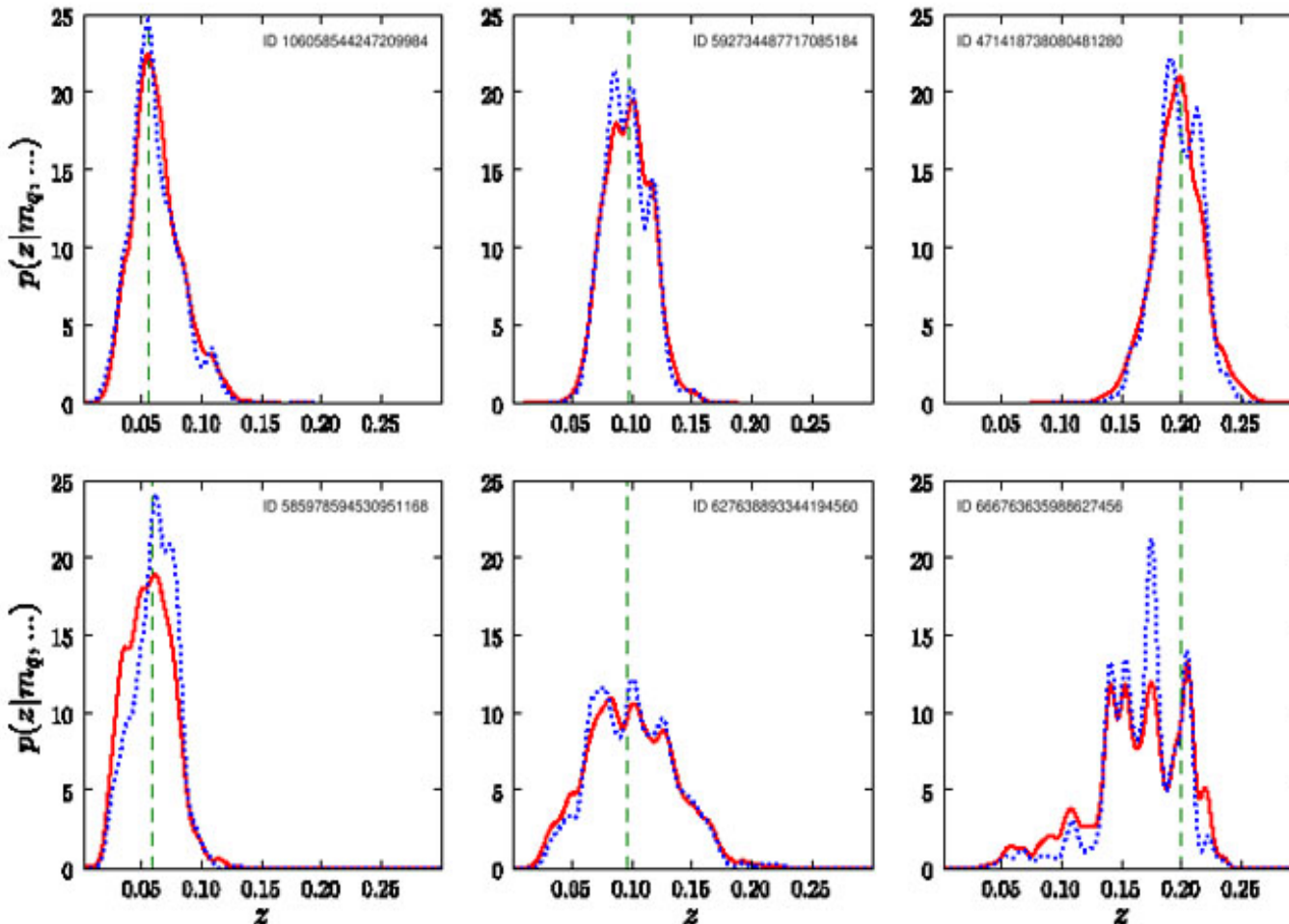


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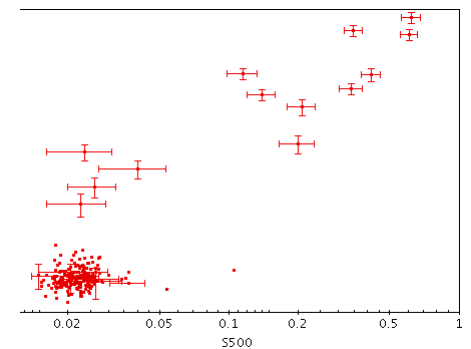


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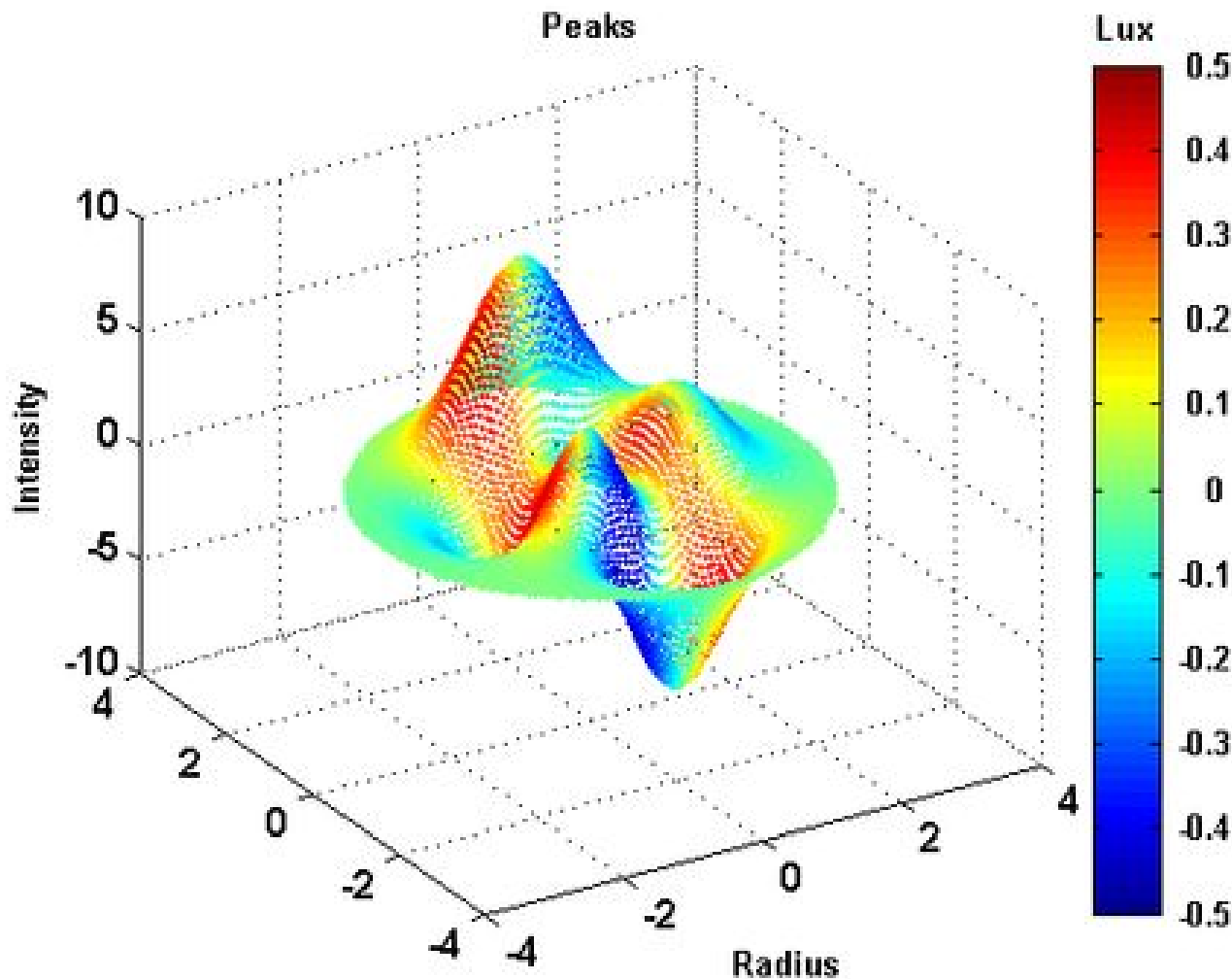


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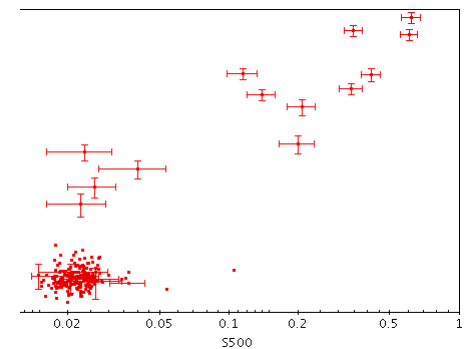


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And now I'm changing to an unreadable color scheme just because

who cares how it looks like on a real-life projector!

and of course I'm using Comic Sans as one of my 8 font types

How can I **make** this even worse??

e.g by not caring about color-blind people

or using another, beautiful font type...

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• How? Tips:

- start with a HOOK – a question perhaps?
- present a story (a narrative)
- now you can have some decorations on your pine-tree!
- 1 slide per minute or less
- limited number of figs., all explained!
- no wall of text, only buzzwords & references
- colors, fonts: *professionalism*

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- have some

- in your pine-tree!

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Practice!

...the more you hate giving a talk, the more you need to practice

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Exercise

- present your talk in 3 minutes
- discuss how you could enhance it
- give advice to each other

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Homework: update your CV :)