Demonstration slides in Beamer with Metropolis

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Motivation

- Repeating all instructions to all students is complicated; total number of instructions is:

$$\mathcal{O}(s \cdot i)$$

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- Solid chance of missing something important
- Correcting the same student errors all over again is boring

Main approach idea

Make example slides $\rightarrow$ Put them on GitHub

Results so far

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From the availabe data (from other similar efforts), we can assume that:

- More than 1 student will download and use the template
- More than 5 minutes of time will be saved.

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From the availabe data (from other similar efforts), we can assume that:

- More than 1 student will download and use the template
- More than 5 minutes of time will be saved. Likely more.

Making the slides

Contents

The template is a normal metropolis-themed beamer document.

Main focus:

- Focus on fast dive-in

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  - This is what presentations should look like, right?

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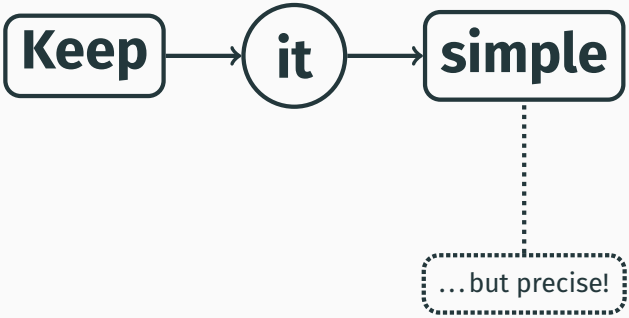
Main focus:

- Focus on fast dive-in
  - Decreases the risk of not getting to the results
  - This is what presentations should look like, right?
- Demo the common beamer tricks (pause, standout, …)

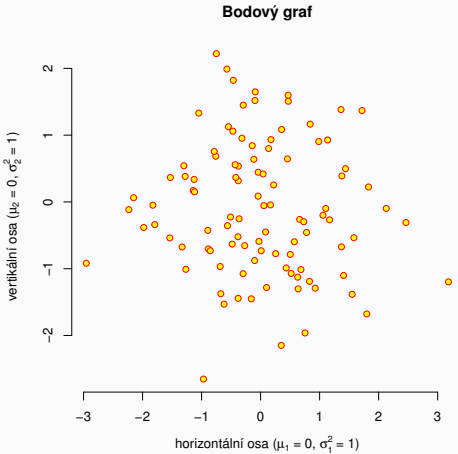
Demo: TikZ diagram



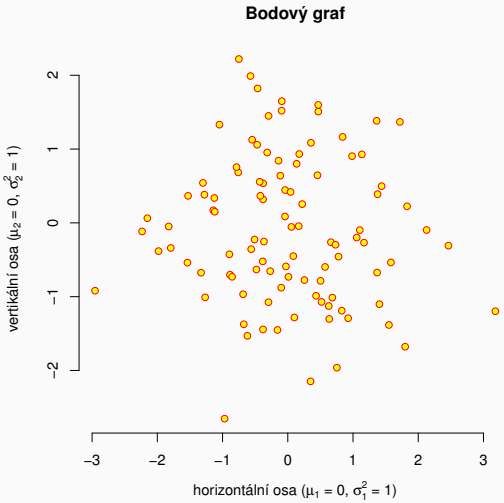
Demo: including formatted source

```
int main() {
  printf("The answer is: %d\n", 6*7); %actually 6*9
  return 0; //no chance this didn't succeed
}
```

Demo: showing a picture with detailed results



Demo: showing something with comments, as in outlook



How we arrived at this?

1. Generated the data
2. Plotted them
3. Used a very fine red marker to circle the points

‘Advantages’ demo:

- ✔ Data is normal
- ✖ Data is sparse
- ? What now?

Thank you for attention!

You can try the results on GitHub:

`https://github.com/exaexa/simple-mff-slides`