

# STATISTICS 1

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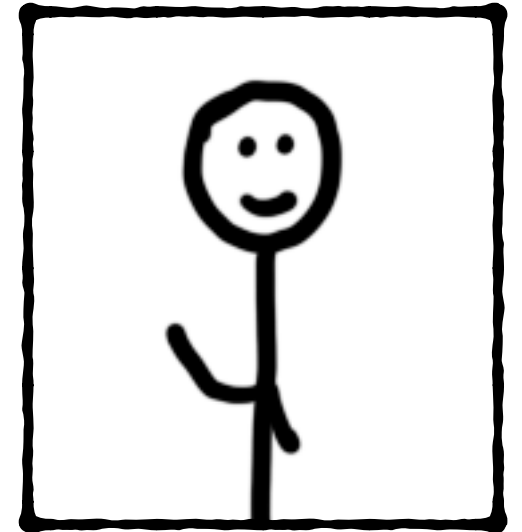
## *Tutorial*

*Lisa Gotzian, April 4, 2019*

# THAT'S ME:

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- Lisa Gotzian
  - I am a student in the Master's programme "Data Science"...
  - ... and I am about to write my Master thesis.
  - I use statistics & R all day
  - I work in Henrik's lab and support everyone's research regarding the hairy statistics




# WHY DO WE NEED STATISTICS?

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- Statistics explain the world.
- See yourself: Go to
  - <https://kurzelinks.de/statisticsquiz> and take the quiz.
  - Enter a name starting with “lisa”!

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# THE FACTFULNESS QUIZ

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- The quiz comes with the headline: “Can you score better than a chimp?”
- Chimps score about 33%.
  - Randomness: a person who answers randomly, will score 33% correct on average because...
  - there are 3 options for each question, so you’ll score correctly in 1 out of 3 questions (on average)
  - Who scored better than the chimp?

Next time: Data types

*See you there!*