

# ICI3D LaTeX example

Subtitle is optional

Jonathan Dushoff

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# Goals

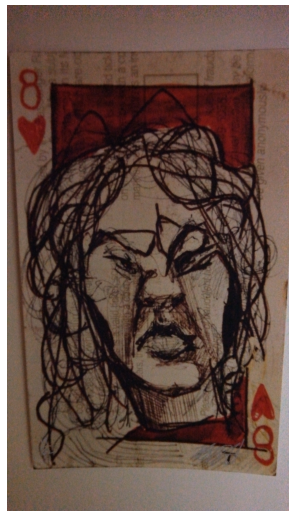
- ▶ Make a template
- ▶ Make a clear example

# How do we use statistics

- ▶ We use statistics to confirm effects, estimate parameters, and predict outcomes
- ▶ It usually rains when I'm in Cape Town, but mostly on Sunday
  - ▶ *Confirmation:* In Cape Town, it rains more on Sundays than other days
  - ▶ *Estimation:* In Cape Town, the *odds* of rain on Sunday are 1.6–2.2 times higher than on other days
  - ▶ *Prediction:* I am confident that it will rain at least one Sunday the next time I go

# Raining in Cape Town

- ▶ How we interpret data like this necessarily depends on assumptions:
  - ▶ Is it likely our observations occurred by chance?
  - ▶ Is it likely they *didn't*?



*Tessa Wessels, Faces on a Train*

# Summary

- ▶ We have made:
  - ▶ a workable template
  - ▶ a reasonably clear example (we hope)
- ▶ Comments, questions, suggestions welcome



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