

# You can be a data detective

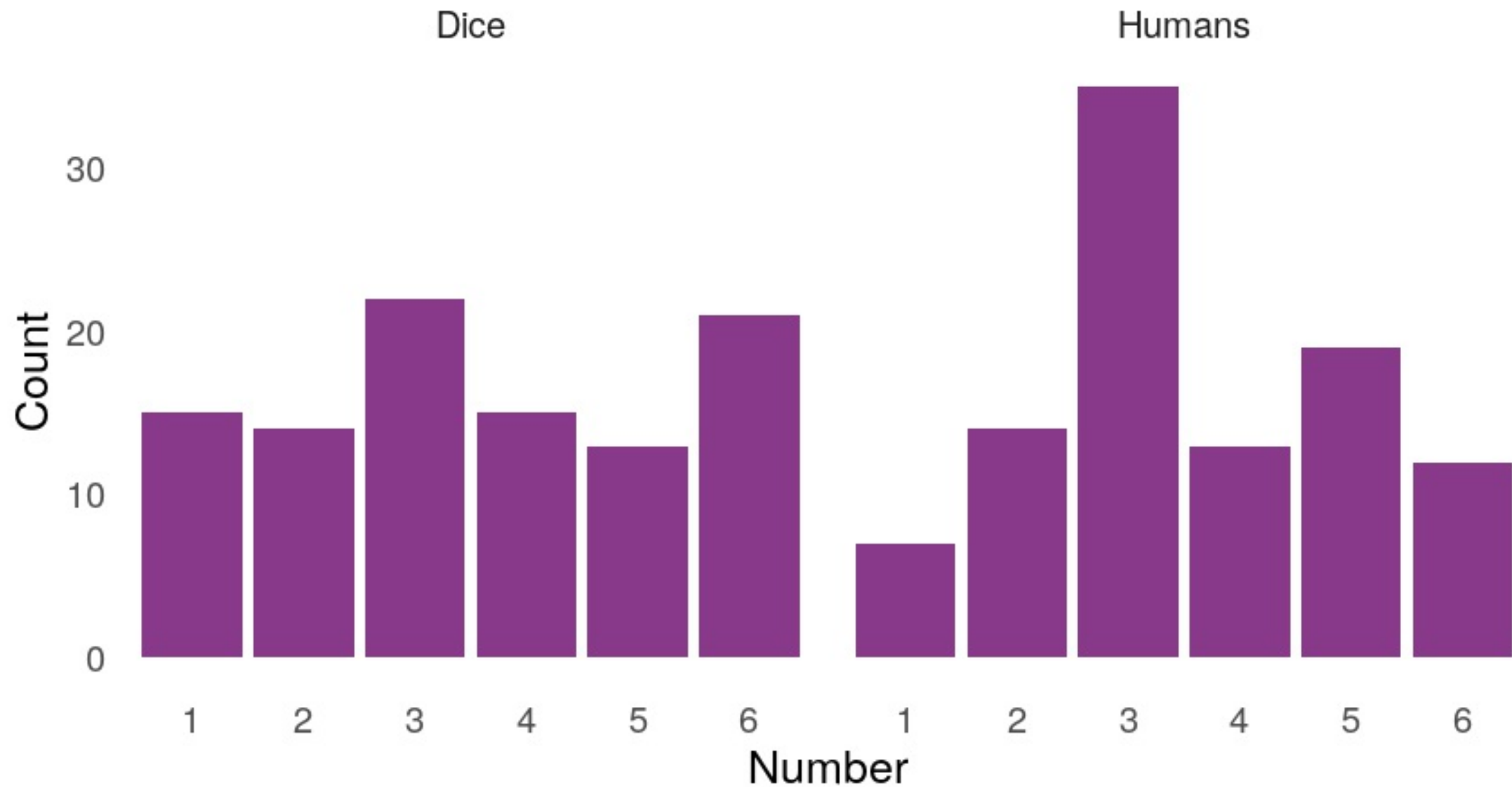
## Florence Nightingale Day

Rhian Davies

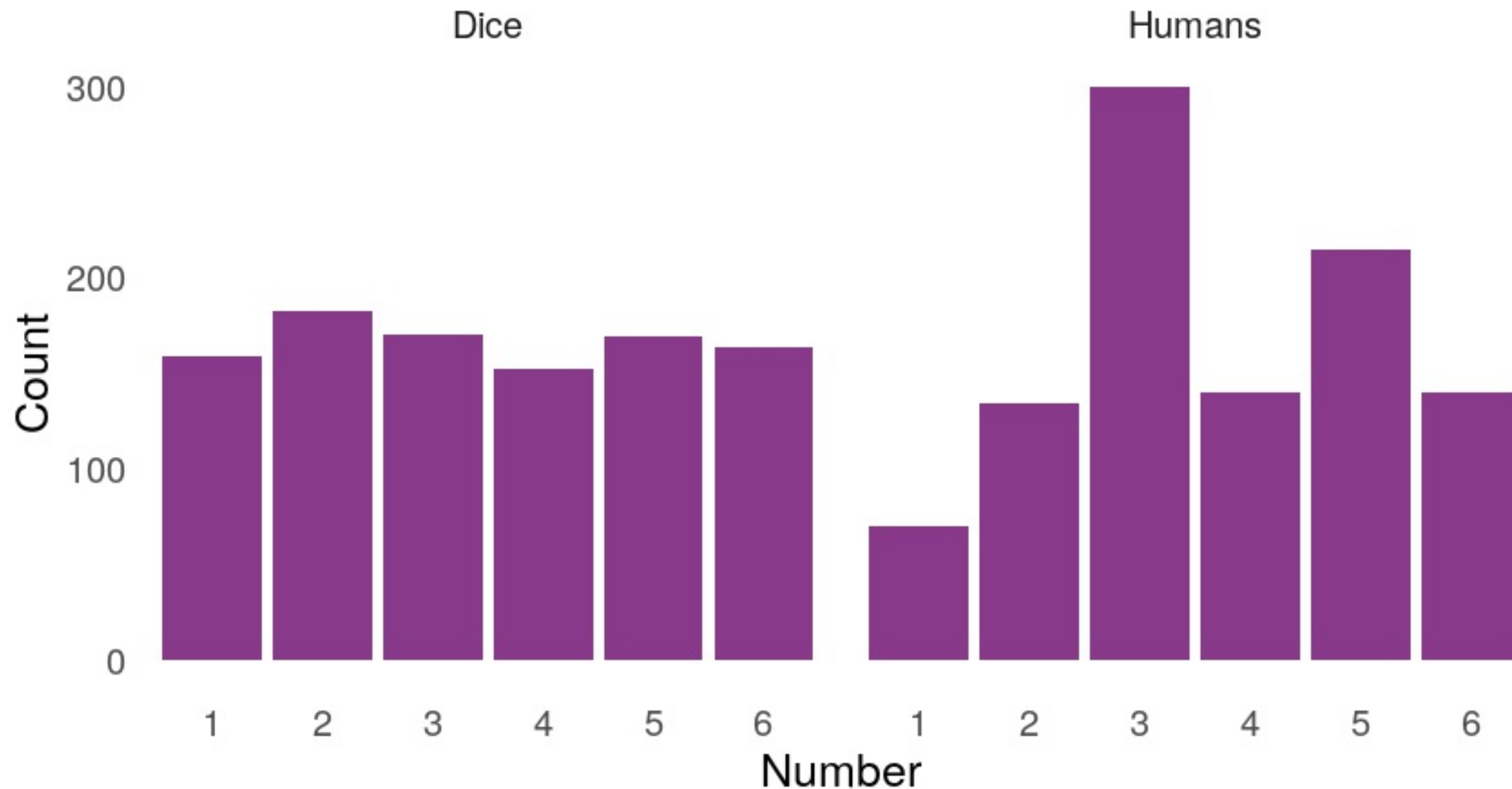
2019-01-10

Randomly choose a number between 1 and 6...

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Let's try tossing a coin.

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HTTHHTTHTTTTHTHTTTTHTHTH



# What is a statistician?



# What is a statistician?

- My job to decide whether differences in data are due to random chance or a real underlying cause.
- Play with other people's data
- Meet lots of interesting people

# Reality check: do speed cameras reduce serious road accidents?







People Insights from Game Technology



People Insights from Game Technology









@ FryRsquared @MonaChalabi

@trianglegirl



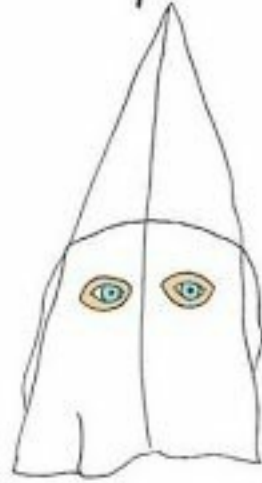
# Breakout!



\* POSITIVE CORRELATION BASED ON 144 FEMALES



# Average Press Coverage Of A Terrorist Attack



NON-MUSLIM PERPETRATOR  
= 15 HEADLINES



MUSLIM PERPETRATOR  
= 105 HEADLINES