

# Does chocolate consumption increase the chance of getting a Nobel Prize?

Before class: Read the article

Franz H. Messerli: *Chocolate Consumption, Cognitive Function, and Nobel Laureates*.  
New England Journal of Medicine 367;16 (2012).

## Exercise

Unsurprisingly, the article got quite some attention in the media and in the statistical community. Discuss the article in context of

- Correlation
- Causality
- Prediction

The author has applied a standard linear regression on data.

- What are the assumptions behind the model? Do you see any issues?
- Suggest a way of correcting this.