

# Additive and Multiplicative Effects Network Models

Seminar on Statistical Modeling of Social Networks

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In the morning

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- Turn off alarm
- Get out of bed

- Eat eggs
- Drink coffee

In the evening

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- Eat spaghetti
- Drink wine

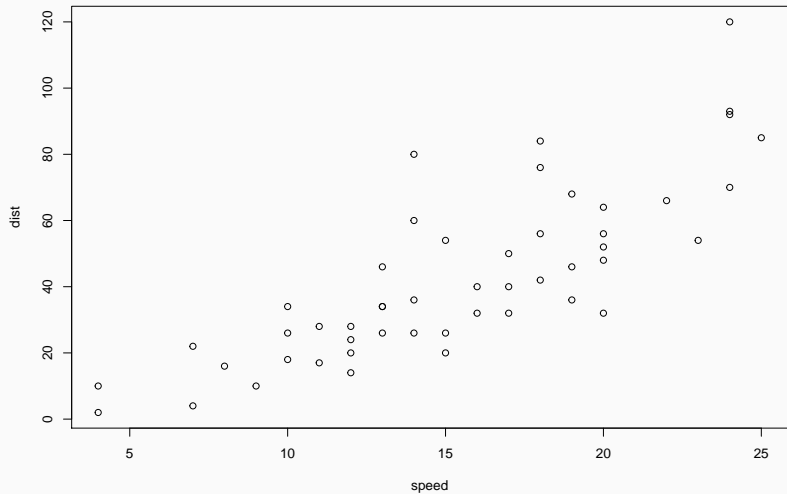


Figure 1: A scatterplot.

## Going to sleep

- Get in bed
- Count sheep



$$y_{ij} = \mu + e_{ij}$$

$$e_{ij} = a_i + b_j + e_{ij}$$