Monte Carlo

1) Integration

2) MC estimation — Simulated data from models

$$y = \beta_0 + \beta_1 x + \varepsilon$$

→ MC estimates of (the distⁿ of) statistics / estimators of interest.

3) MC resampling — Drawing from probability distⁿs of interest

a) Simulate n coin tosses

b) Hubers Contamination model