

Simulation studies

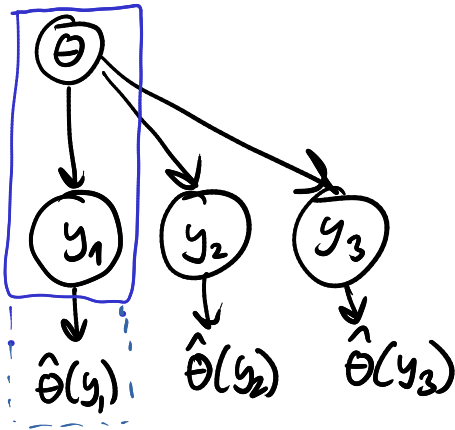
data y
(random var. Y)

parameters θ

y observed

θ want to estimate θ

Frequentist setting: Estimator $\hat{\theta}(Y)$ random var.
Estimate $\hat{\theta}(y)$



But θ unknown (we will "solve" this in the 2nd half of the course; Bootstrapping)

Now: Take some fixed θ values