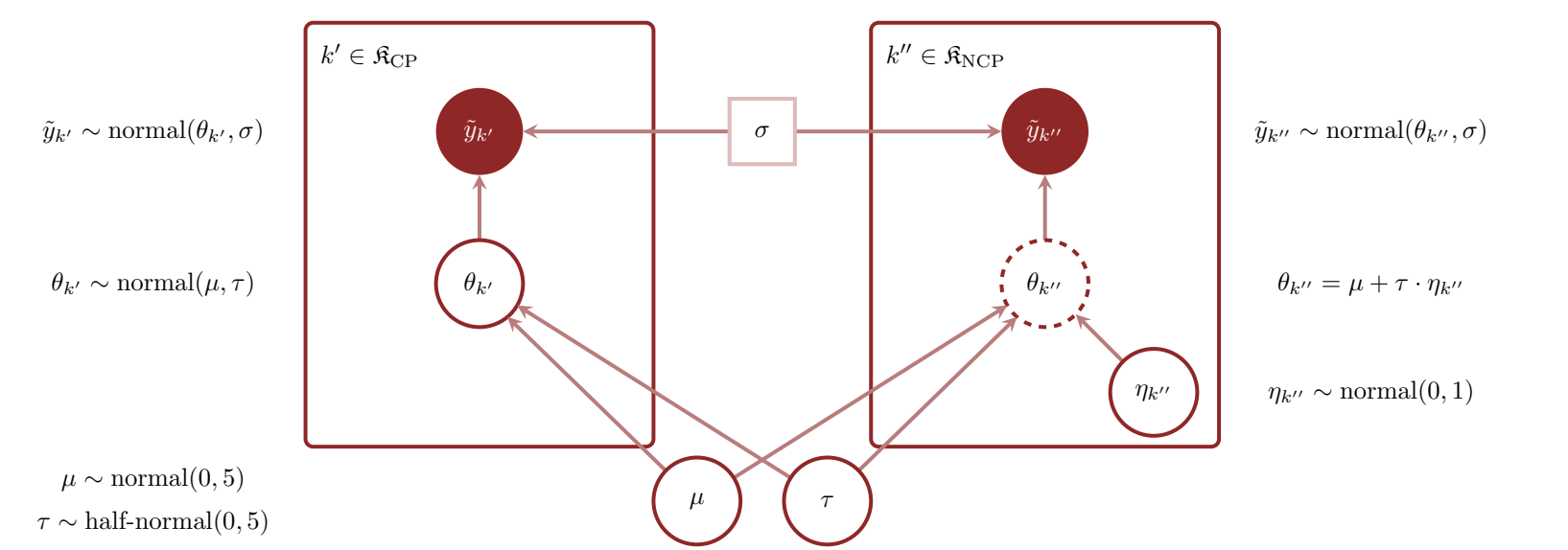
$k' \in \mathfrak{K}_{\text{CP}}$
$k'' \in \mathfrak{K}_{\text{NCP}}$
$\tilde{y}_{k'} \sim \text{normal}(\theta_{k'}, \sigma)$
$\tilde{y}_{k''} \sim \text{normal}(\theta_{k''}, \sigma)$
σ
$\theta_{k'} \sim \text{normal}(\mu, \tau)$
$\theta_{k''} = \mu + \tau \cdot \eta_{k''}$
$\eta_{k''} \sim \text{normal}(0, 1)$
$\mu \sim \text{normal}(0, 5)$
$\tau \sim \text{half-normal}(0, 5)$