Posterior distribution

$$\text{Pr}(\alpha, \beta, \sigma | H_i, W_i) = \frac{\overbrace{\text{Pr}(W_i | H_i, \alpha, \beta, \sigma)}^{\textit{garden of forking data}} \text{Pr}(\alpha, \beta, \sigma)}{Z}$$

garden of forking data

posterior probability
of specific line