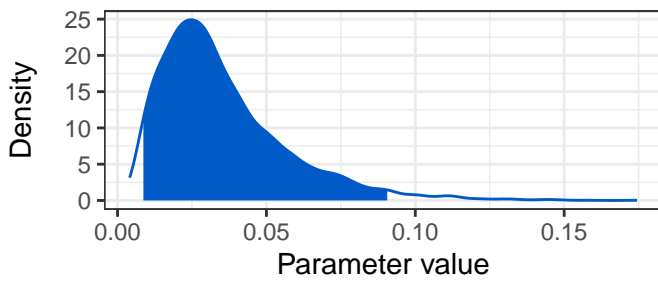
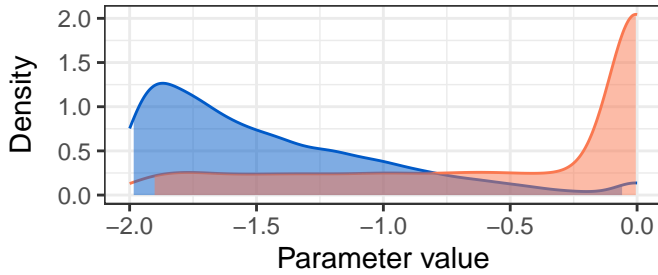
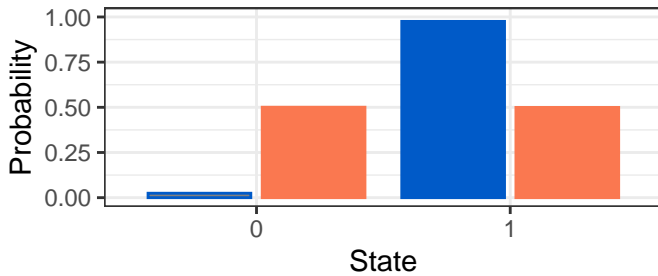


Base rate,  $\rho_d$ Quant. feature effects,  $\phi_d[i]$ 

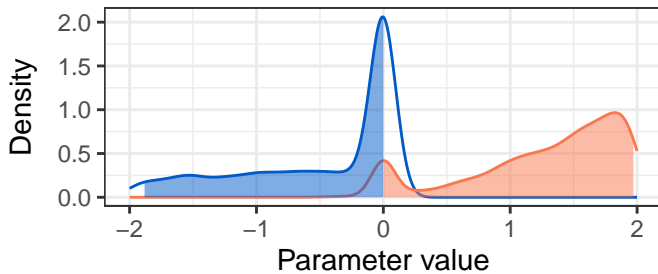
Variable

- $\phi_d[1]$  : Distance
- $\phi_d[2]$  : Log distance

Quant. feature used,  $\phi_d[i] \neq 0$ 

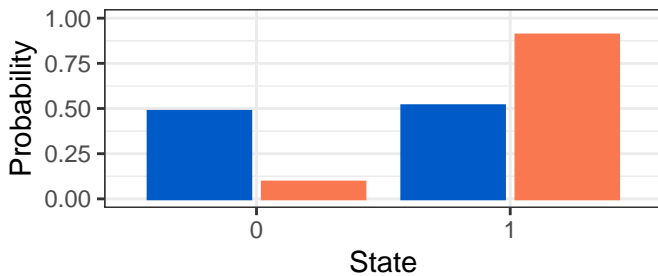
Variable

- $\text{use\_phi\_d}[1]$  : Distance
- $\text{use\_phi\_d}[2]$  : Log distance

Cat. feature effect,  $\sigma_d[i]$ 

Variable

- $\sigma_d[1]$  : Dispersal class
- $\sigma_d[2]$  : Rel. age class

Cat. feature used,  $\sigma_d[i] \neq 0$ 

Variable

- $\text{use\_sigma\_d}[1]$  : Dispersal class
- $\text{use\_sigma\_d}[2]$  : Rel. age class