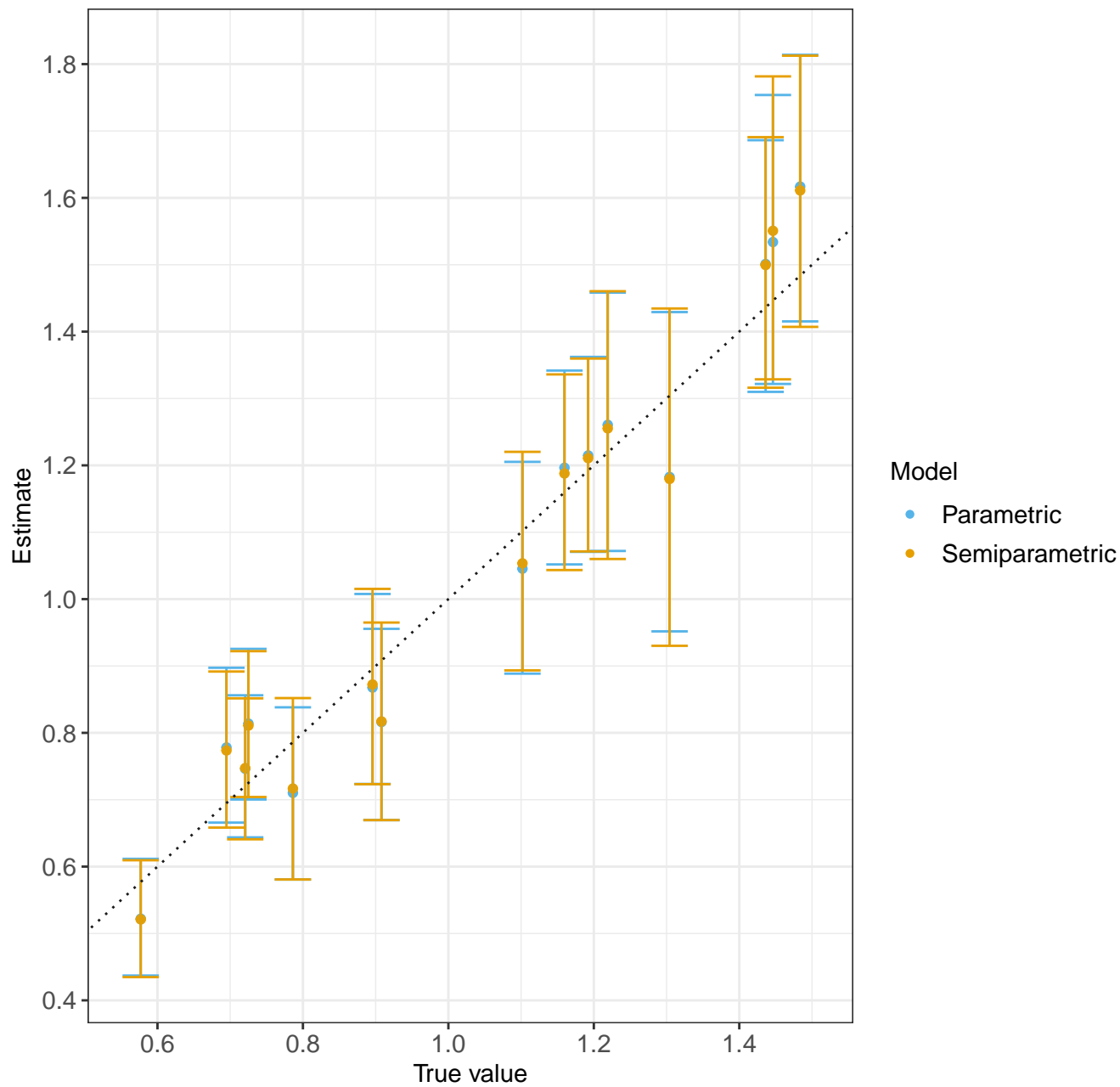
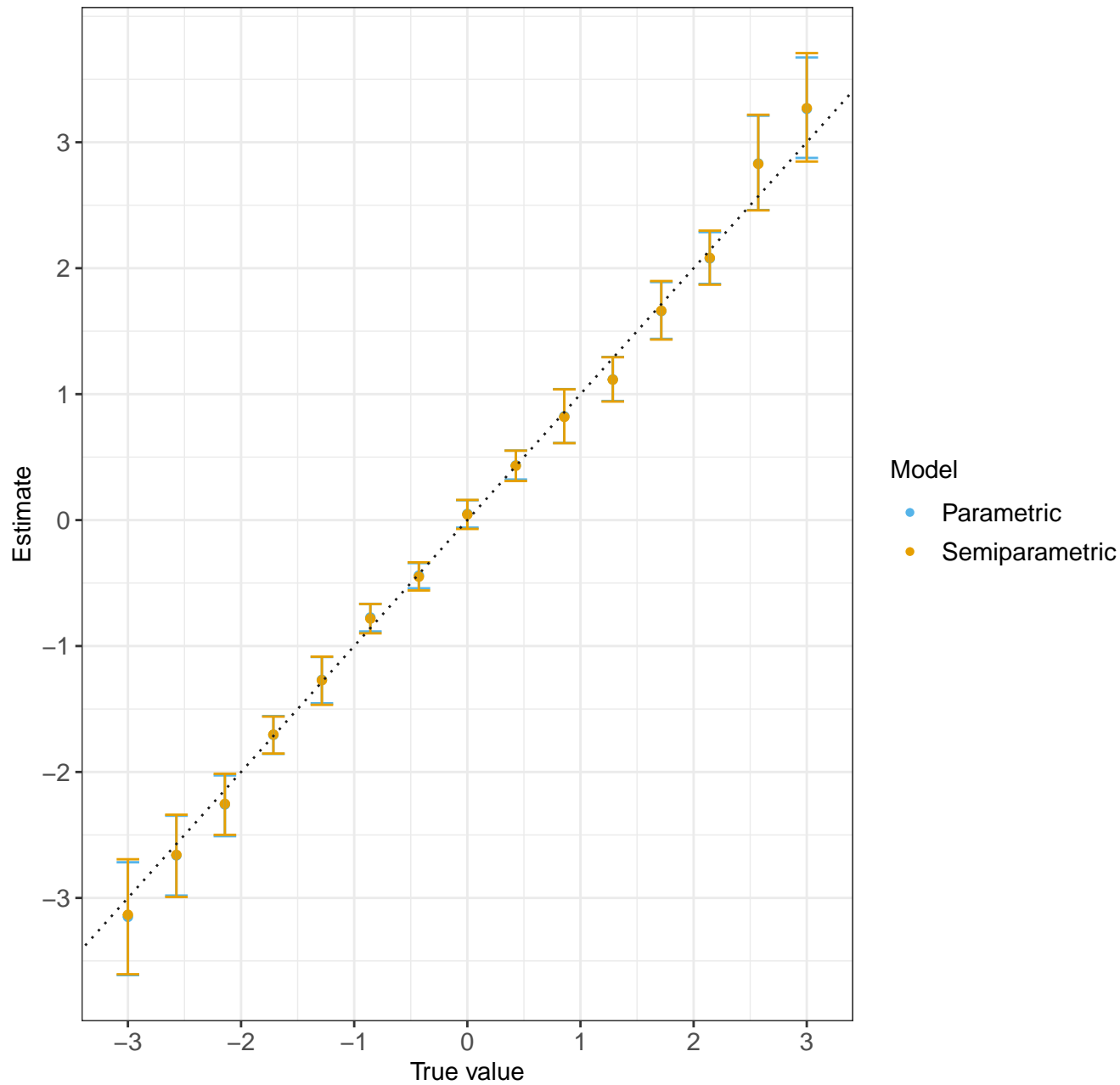


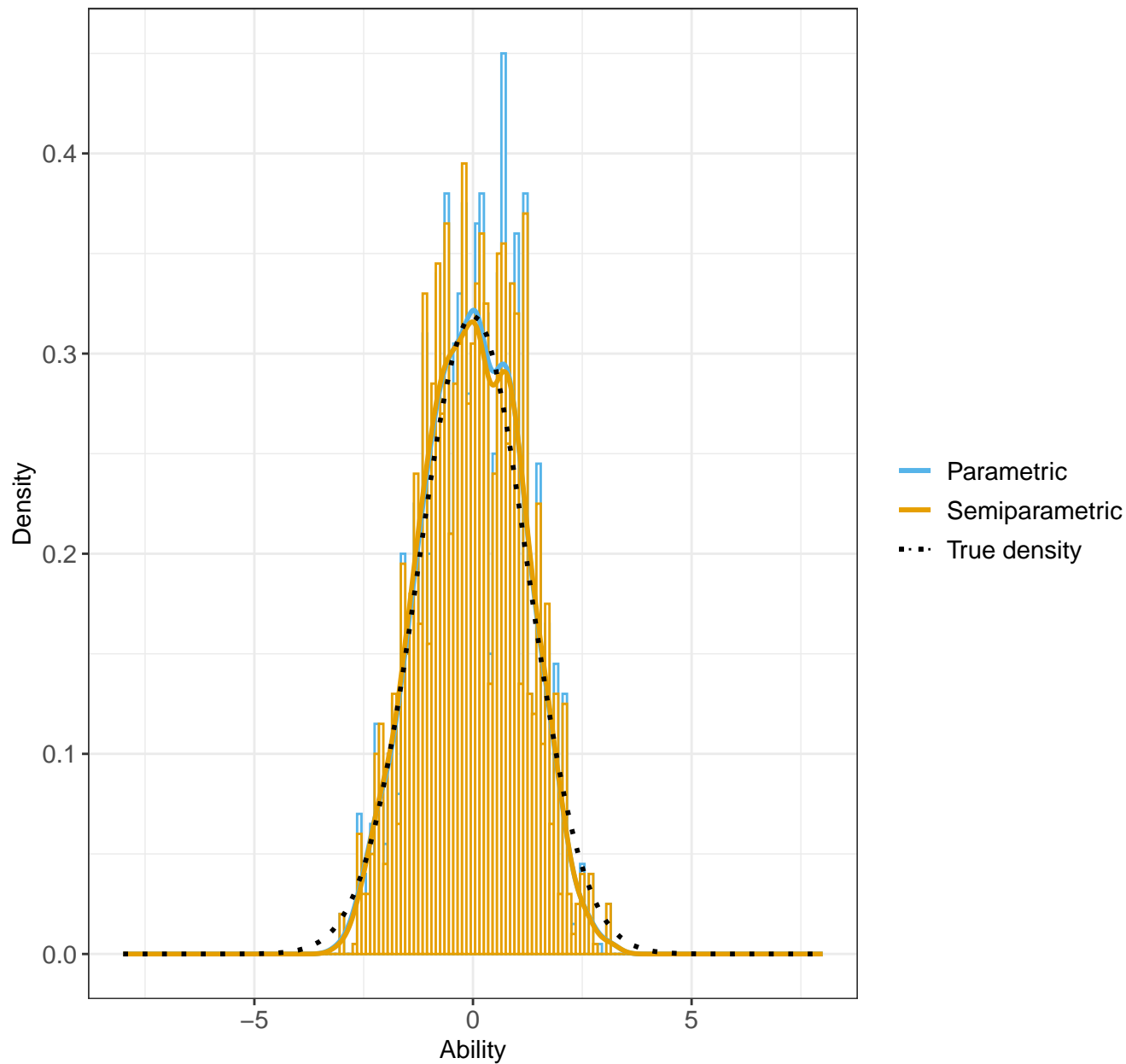
Discrimination parameters



Difficulty parameters

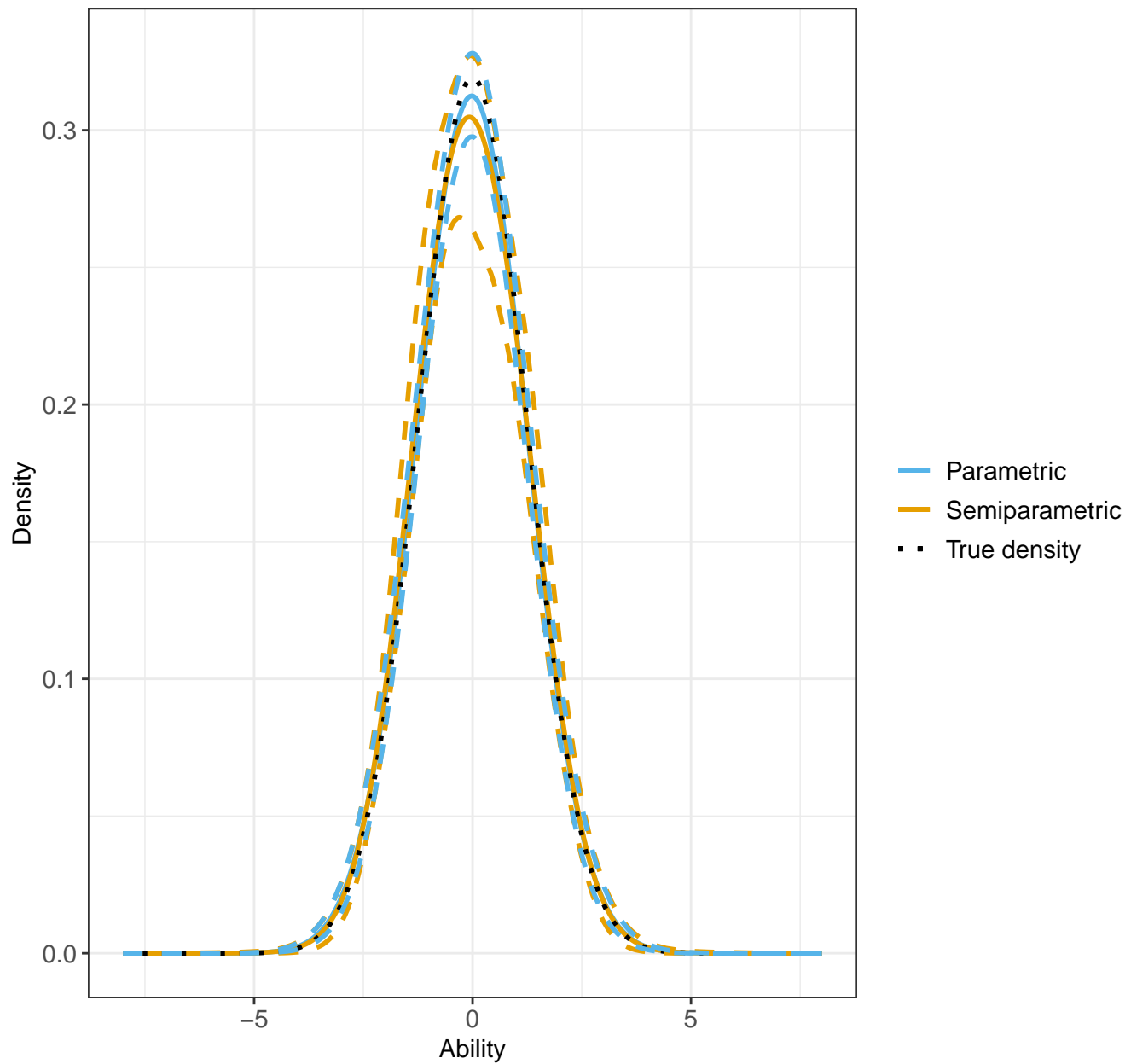


Unimodal simulation
Distribution of individual posterior mean abilities

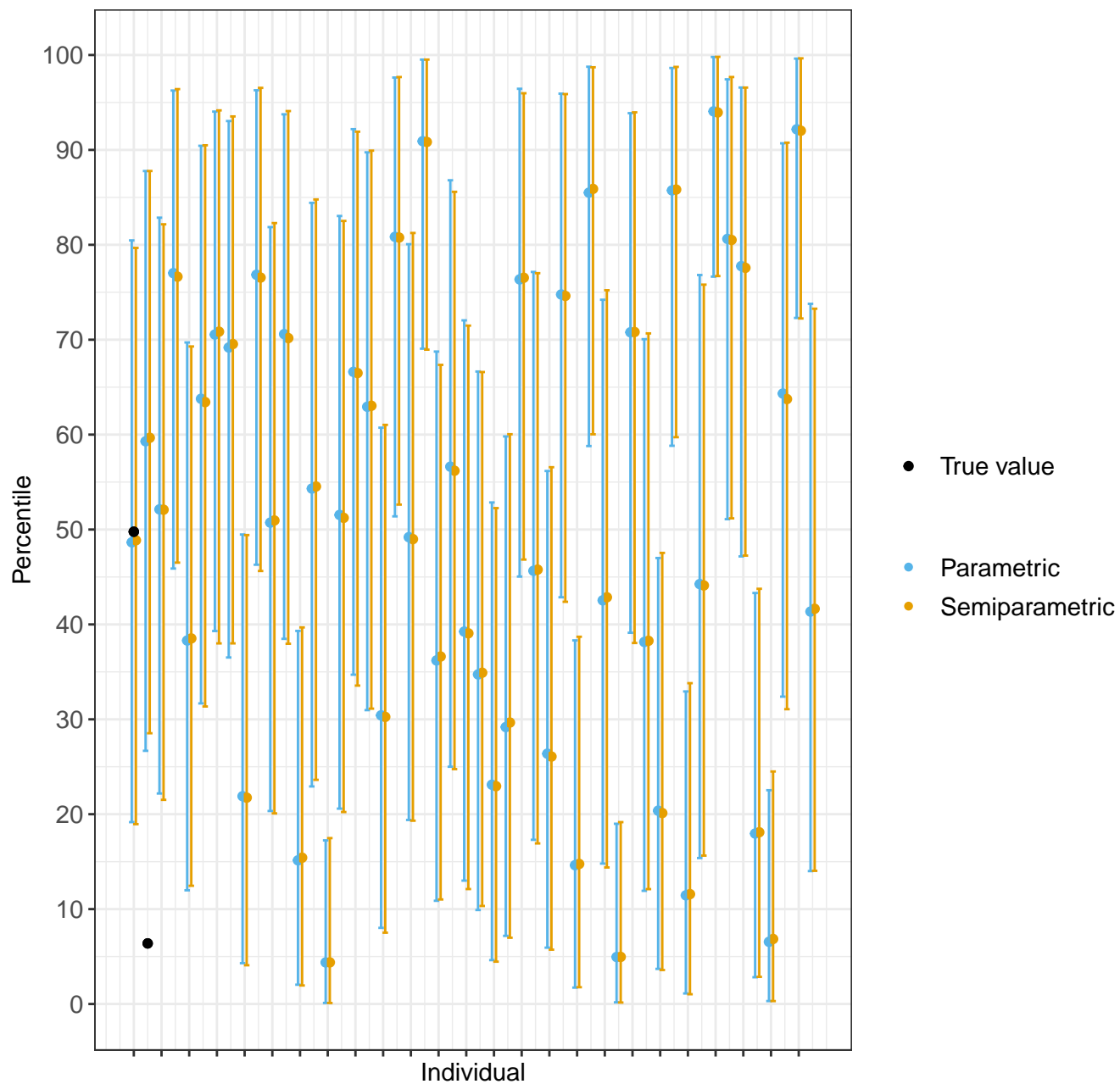


Unimodal simulation

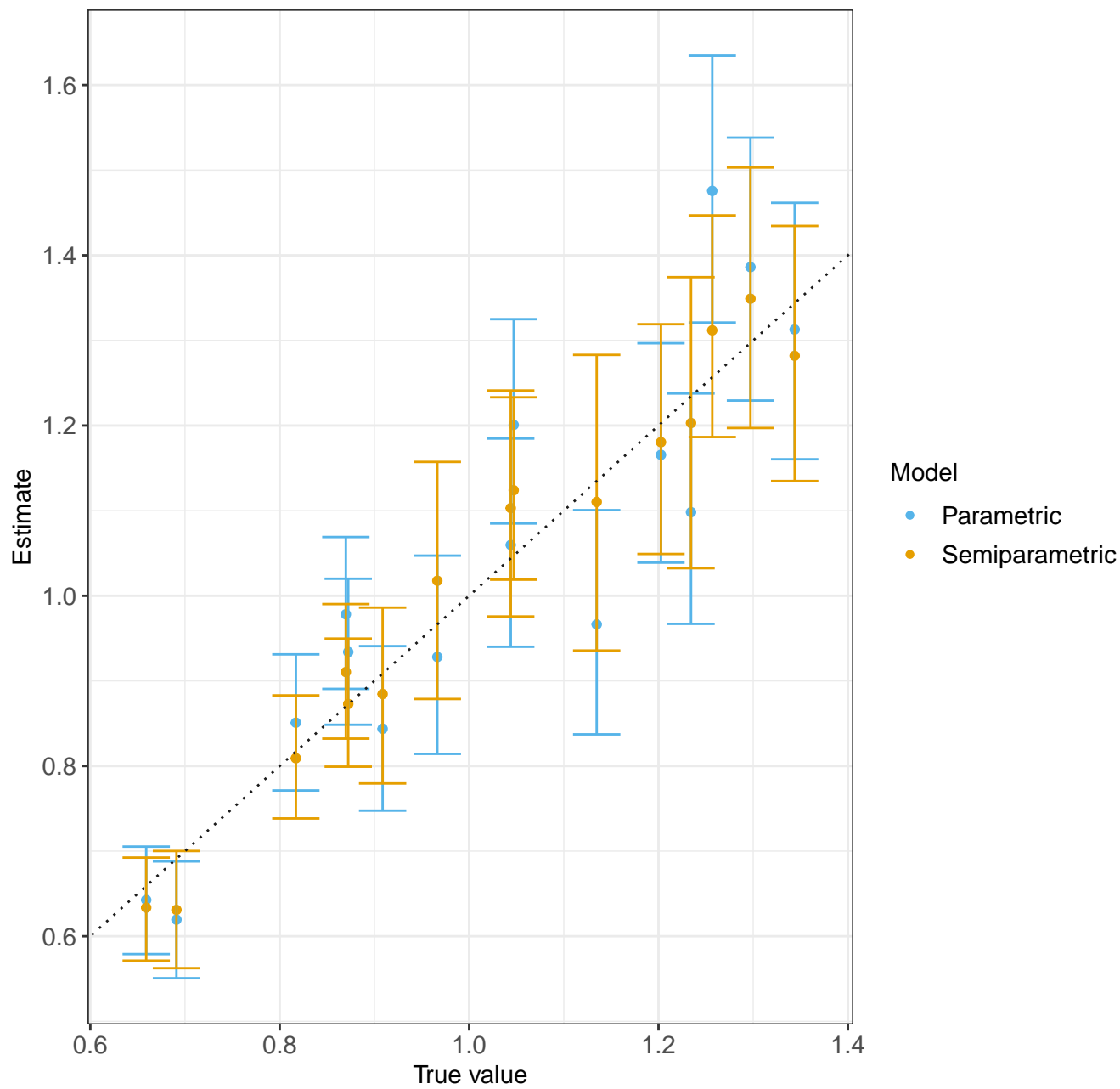
Estimate of the distribution of ability



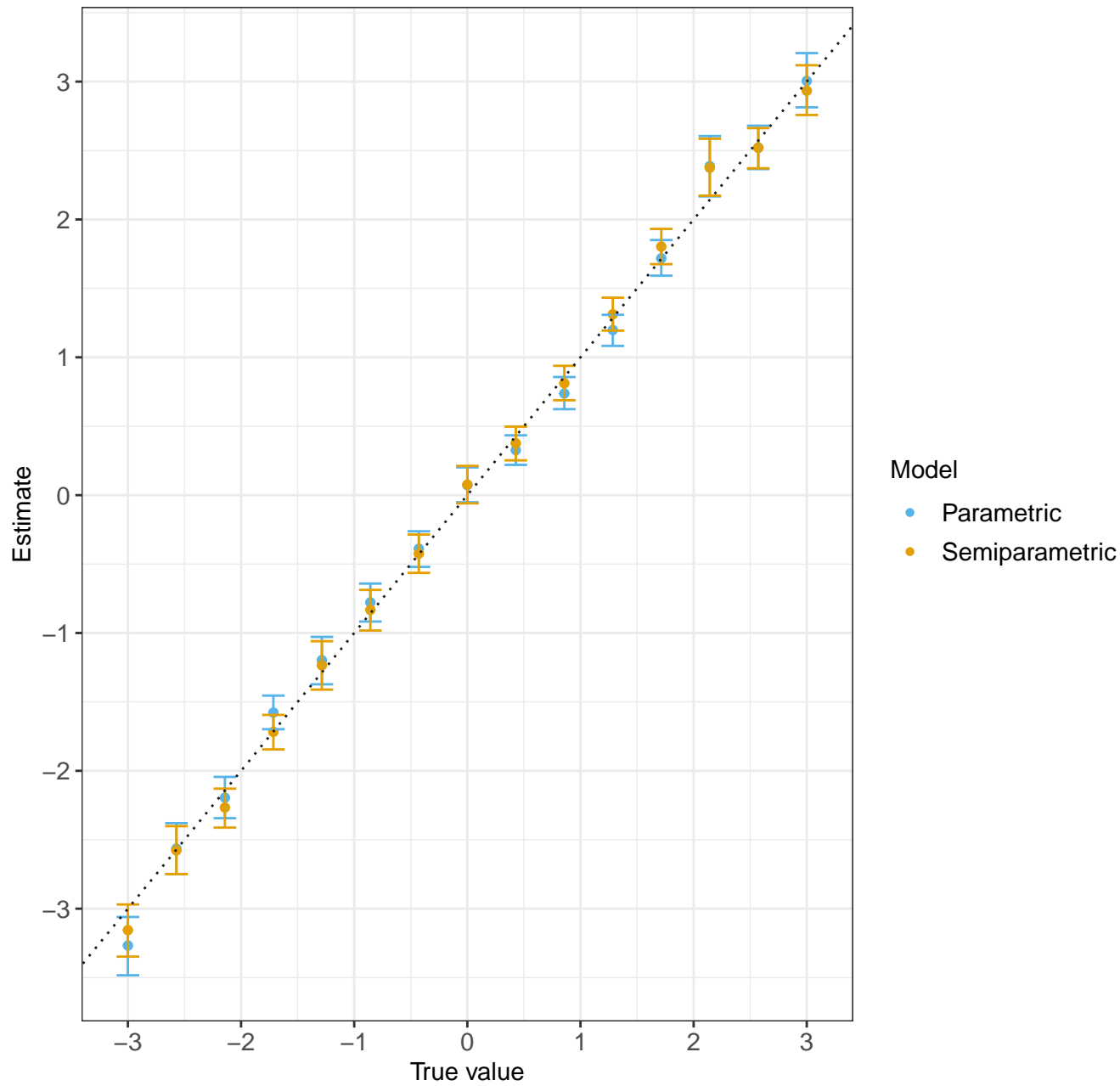
Unimodal simulation



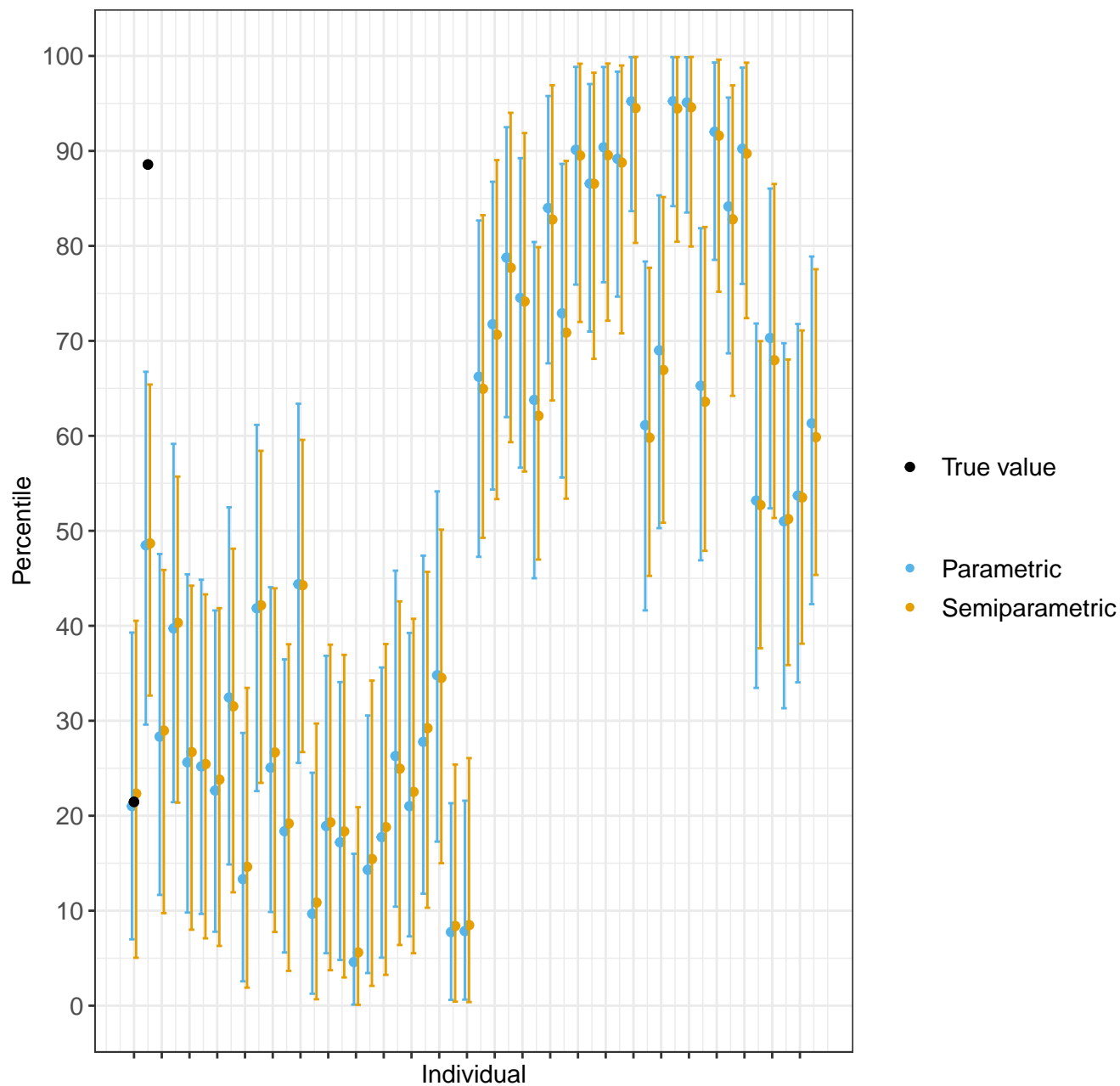
Discrimination parameters



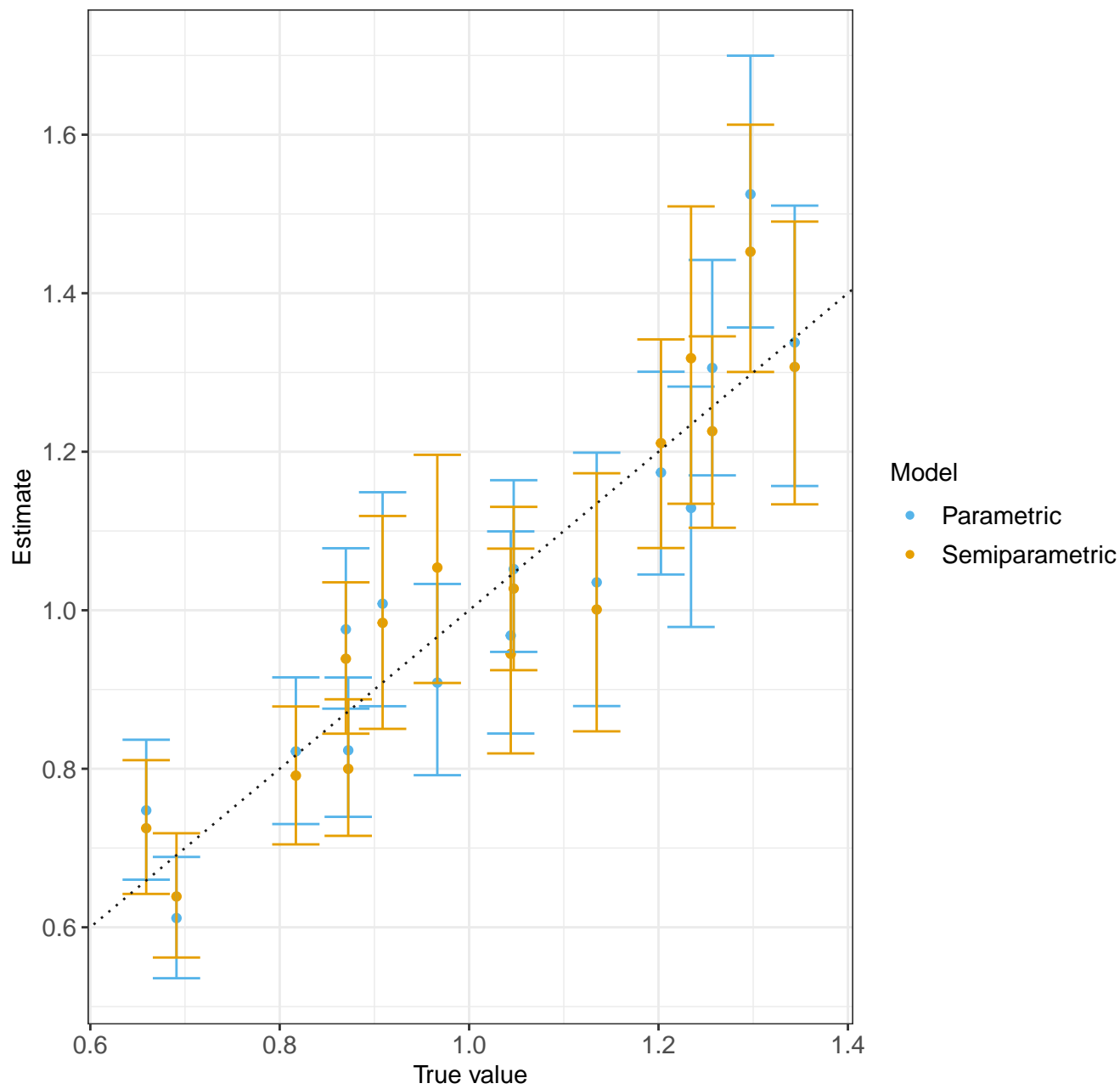
Difficulty parameters



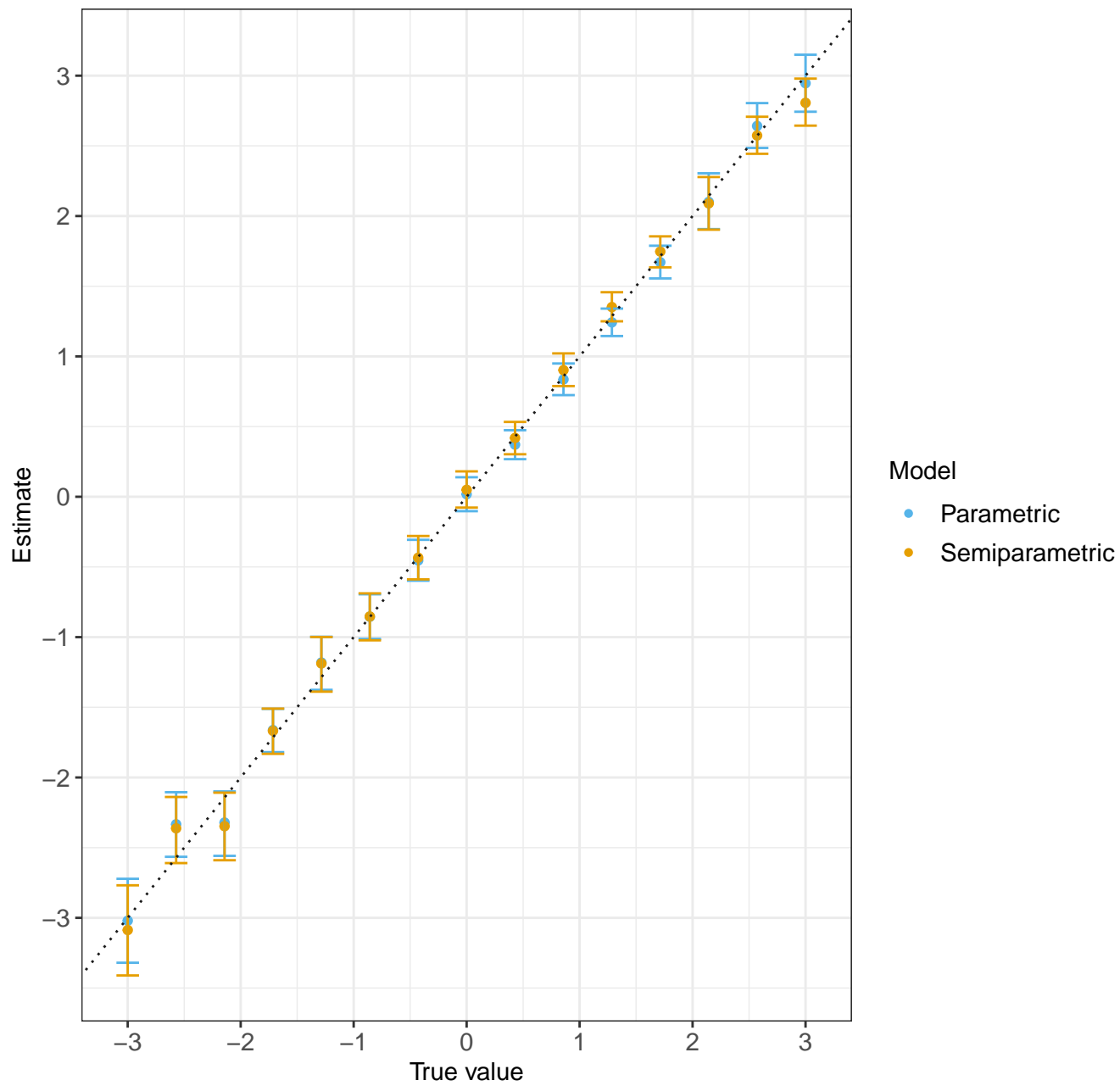
Bimodal simulation



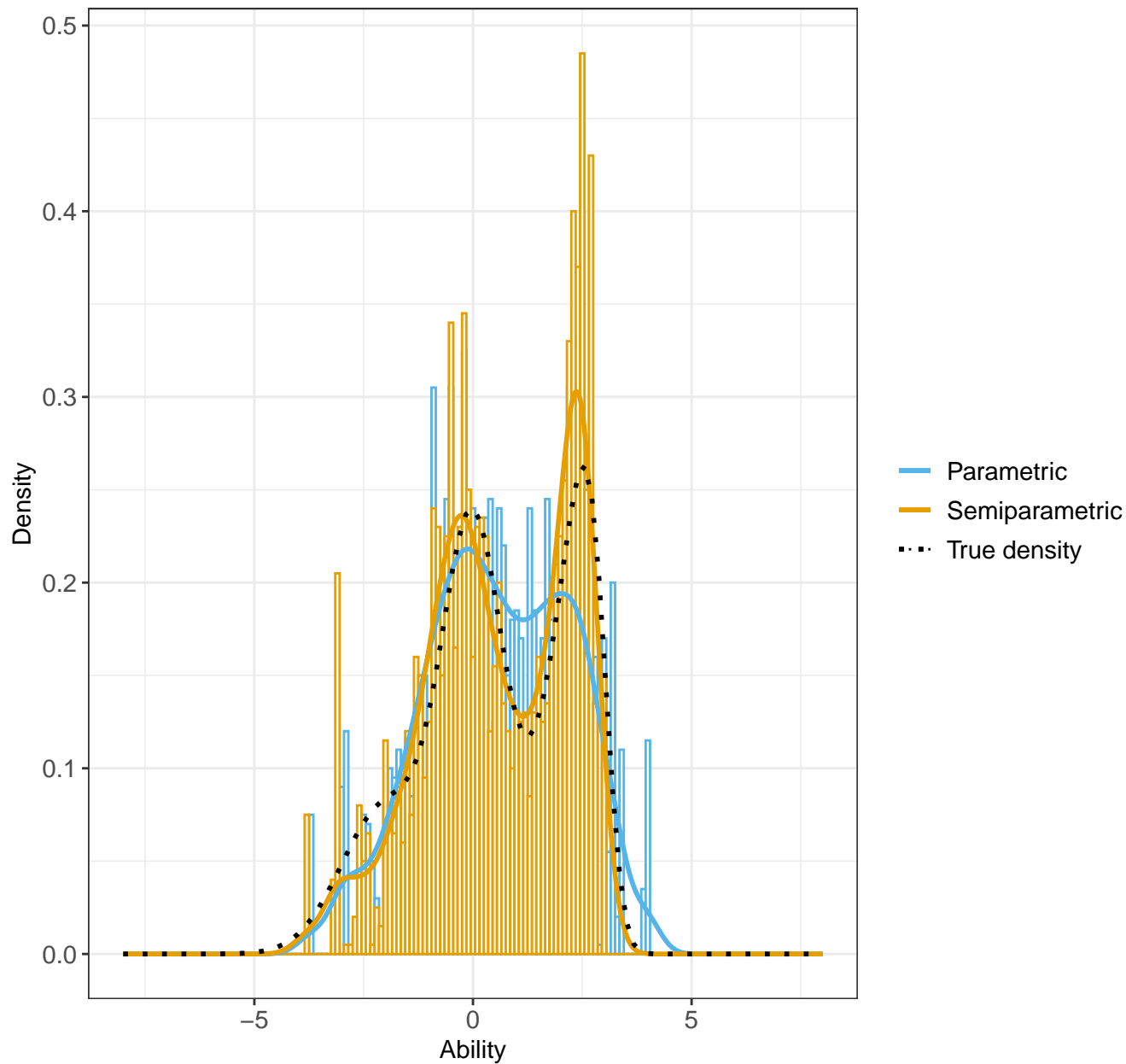
Discrimination parameters



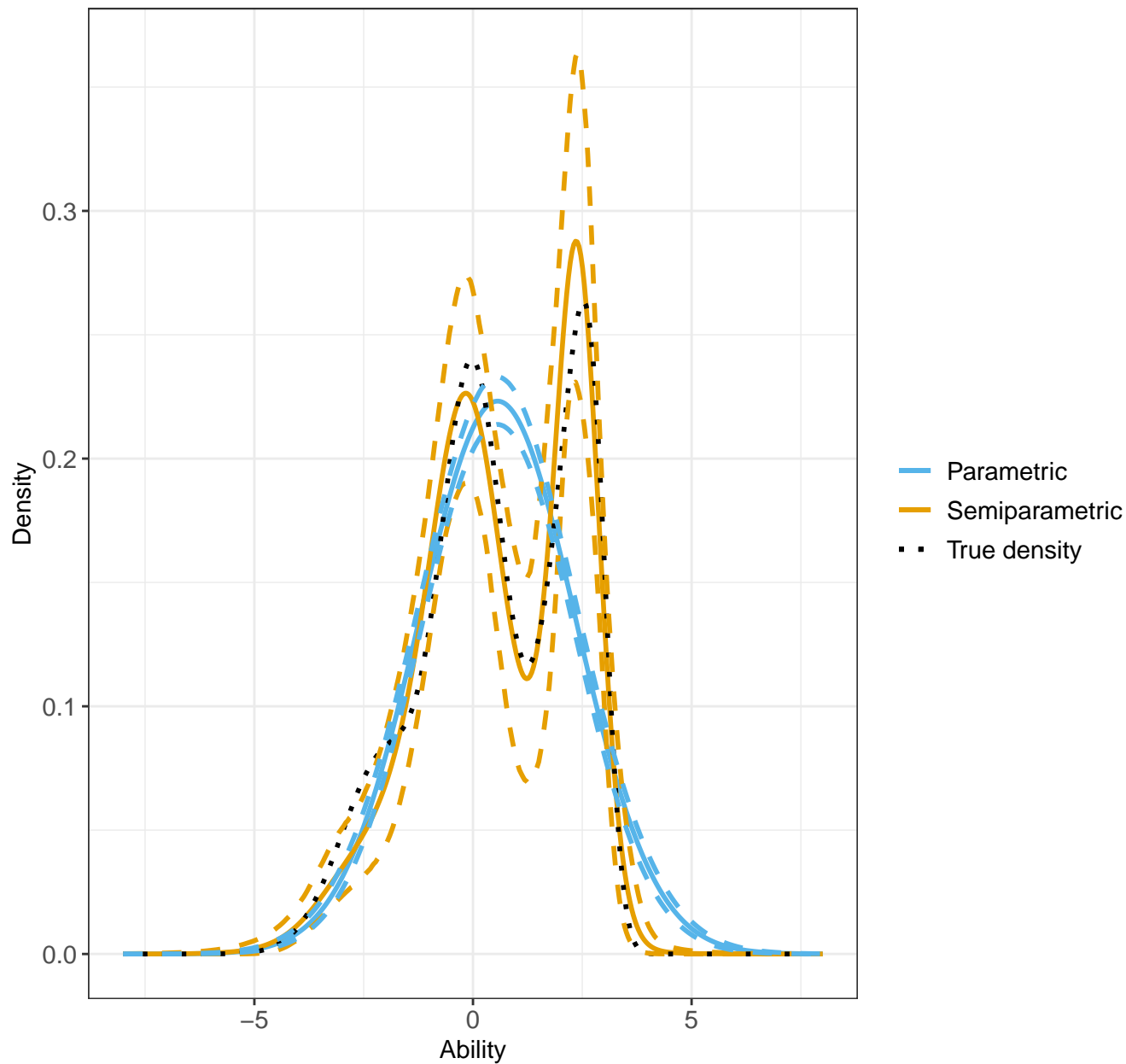
Difficulty parameters



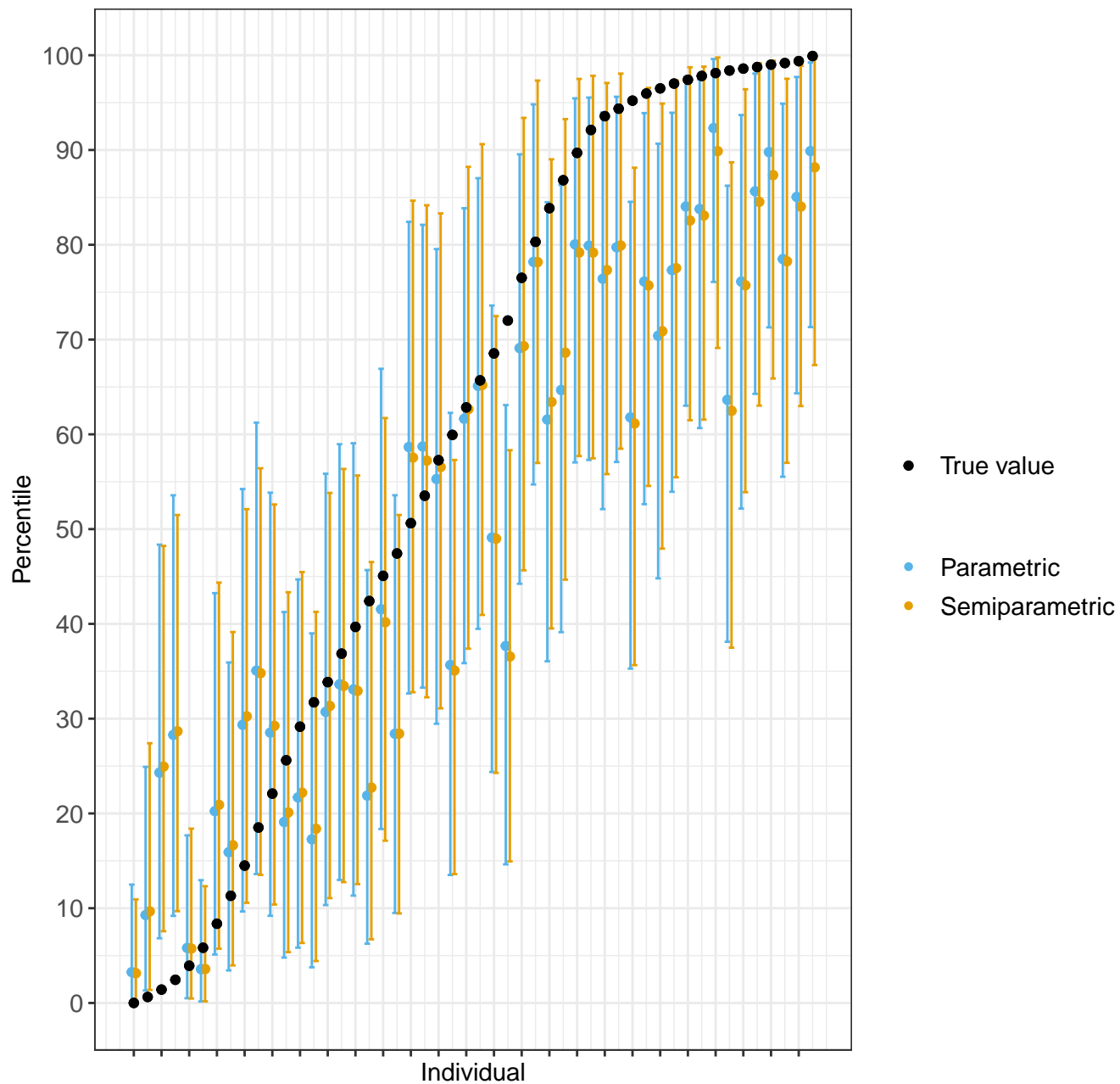
Multimodal simulation
Distribution of individual posterior mean abilities



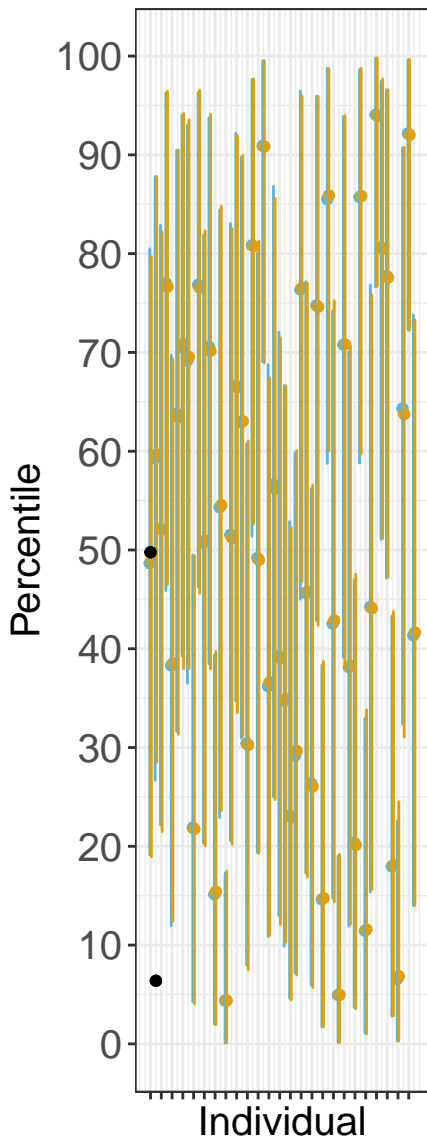
Multimodal simulation
Estimate of the distribution of ability



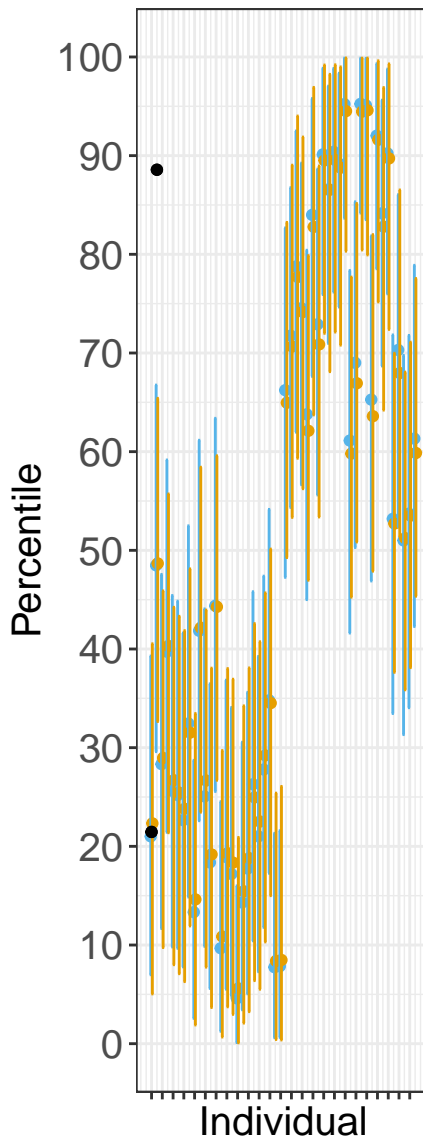
Multimodal simulation



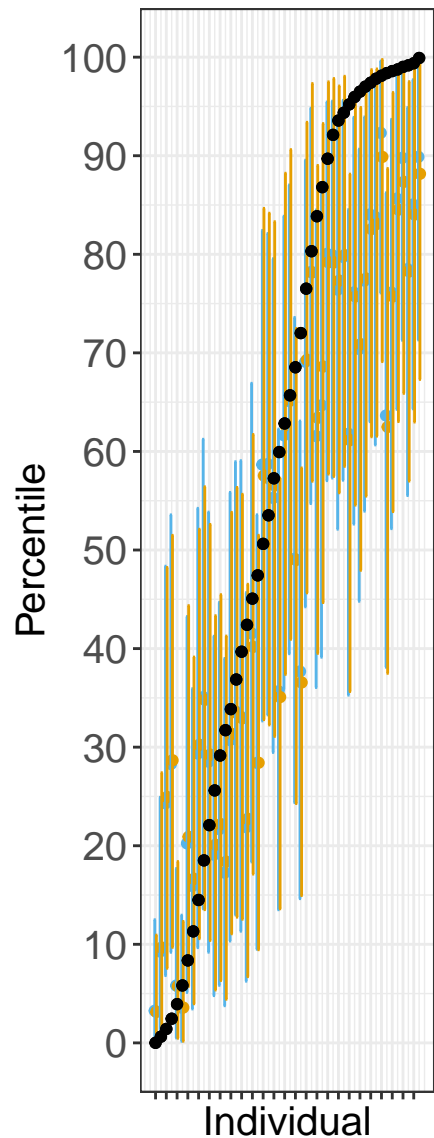
Unimodal simul



Bimodal simul



Multimodal simul



• Parametric • Semiparametric • True value