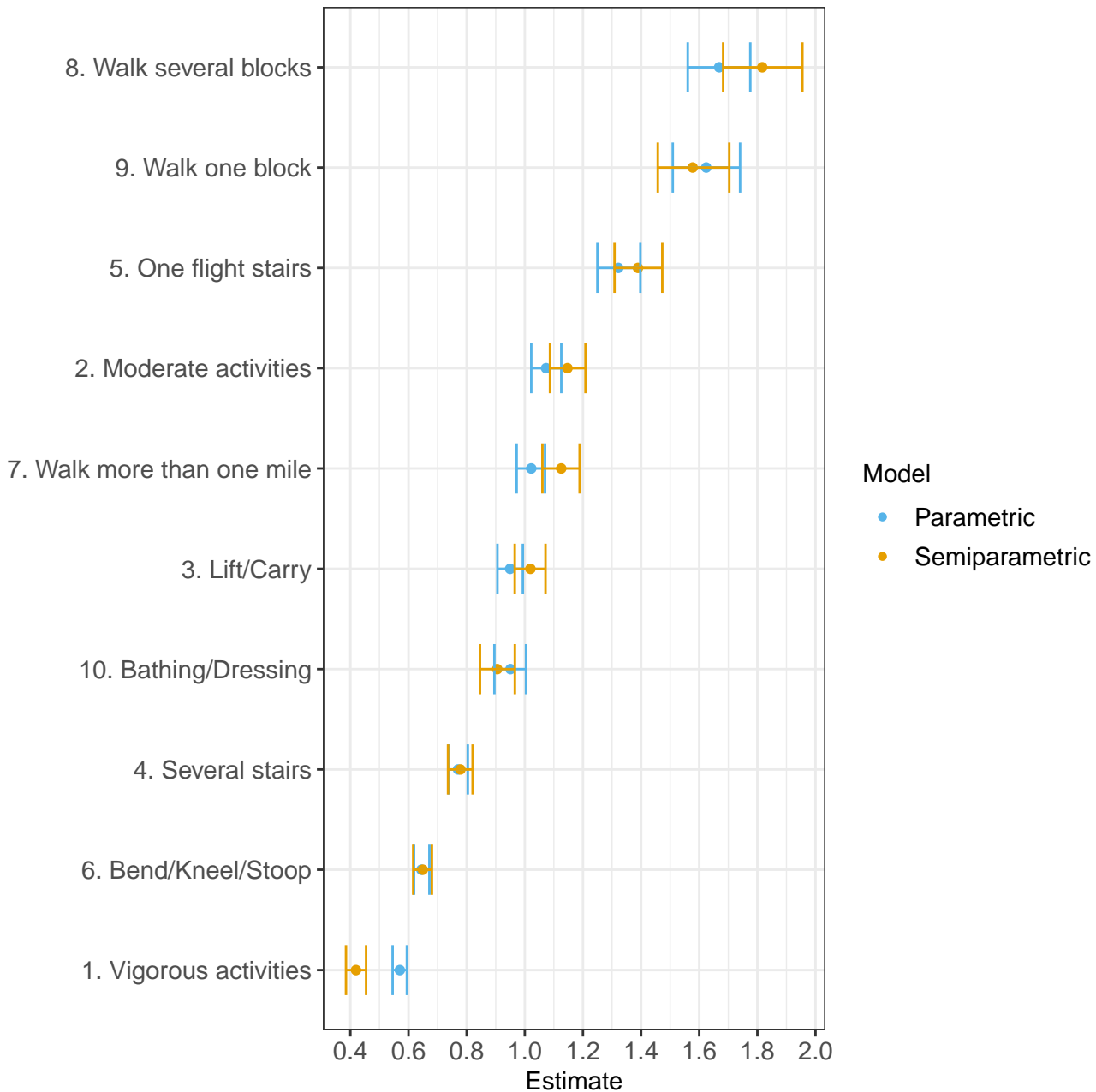
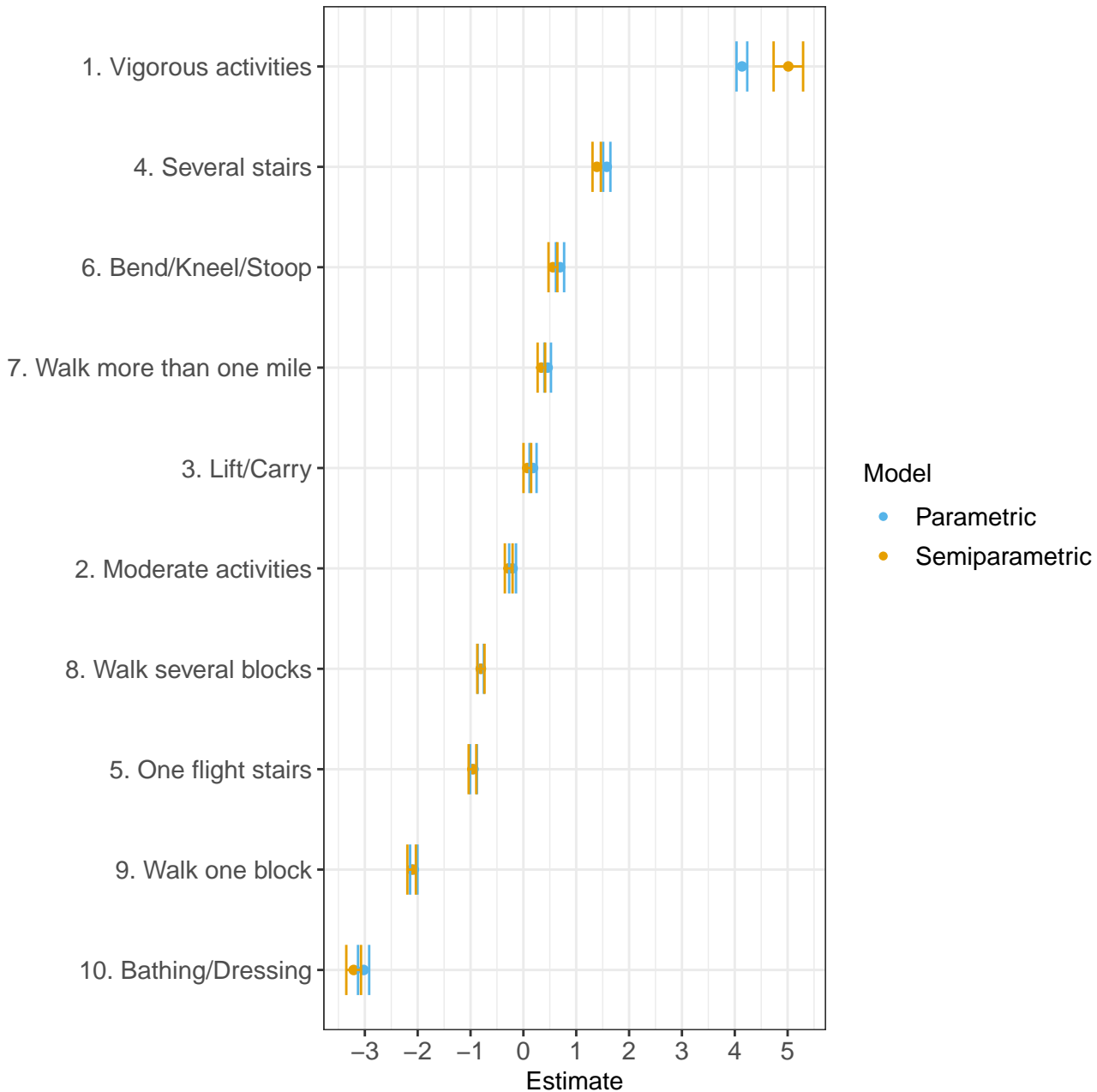


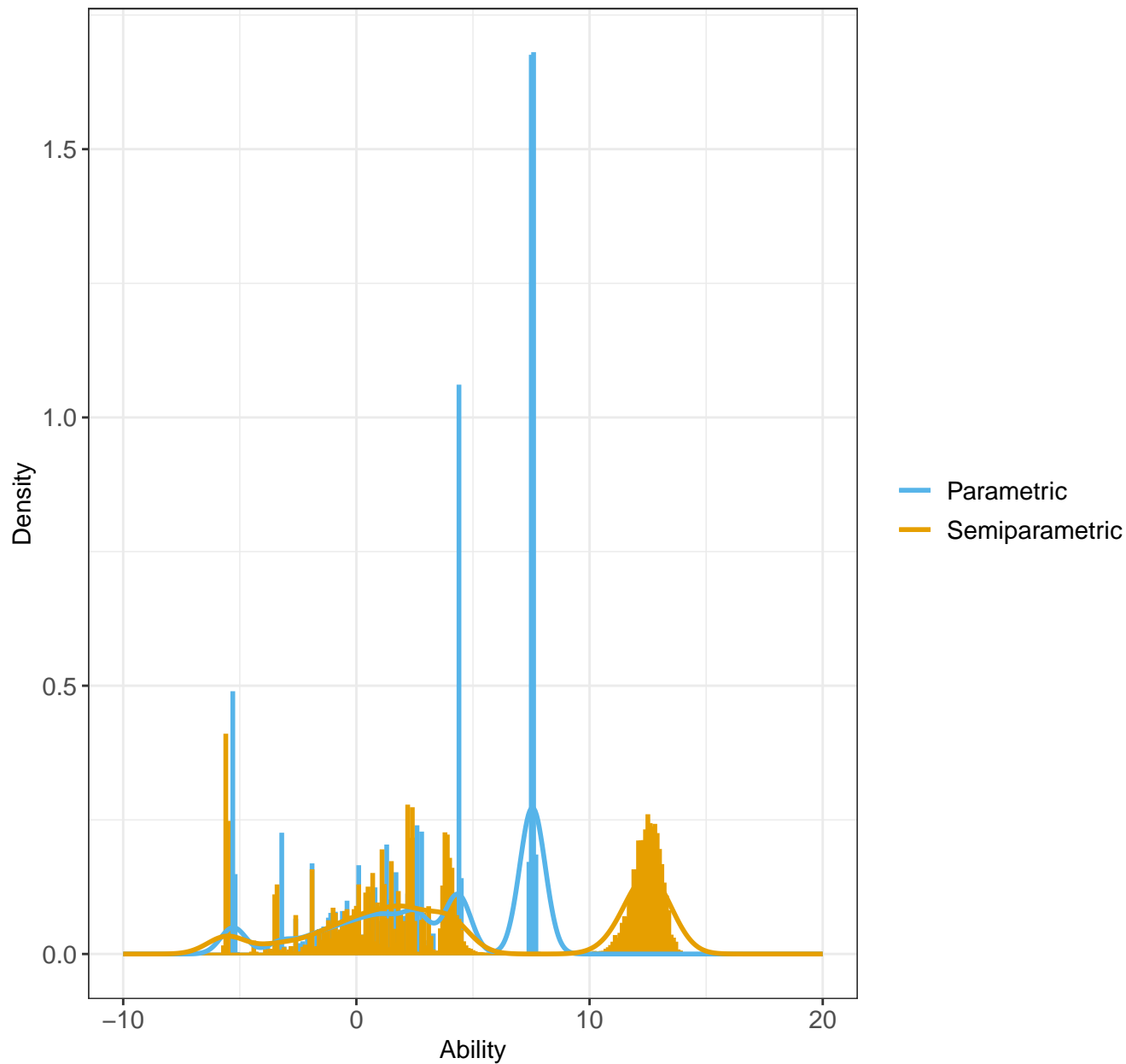
## Discrimination parameters



## Difficulty parameters

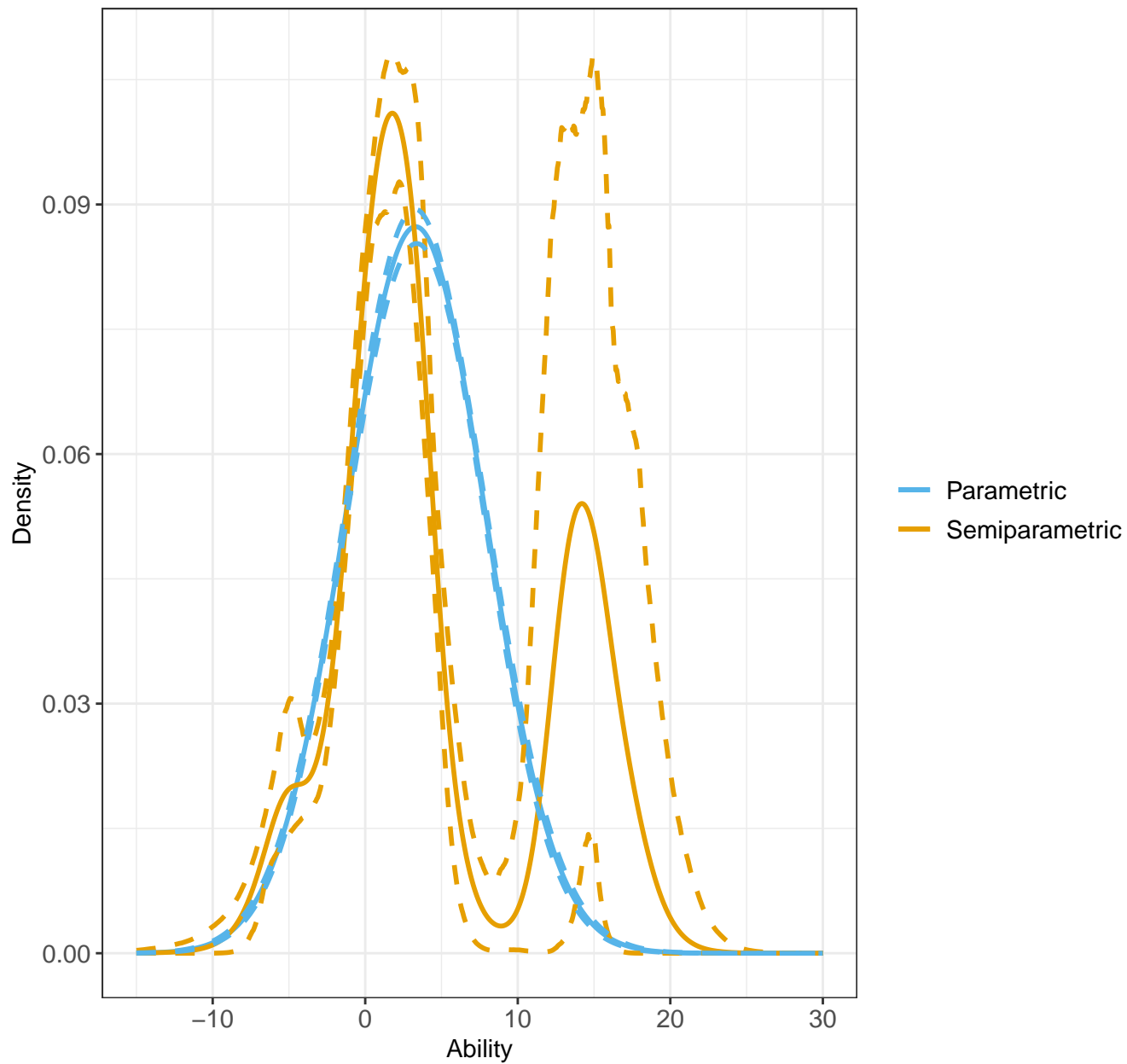


Health data  
Distribution of individual posterior mean abilities

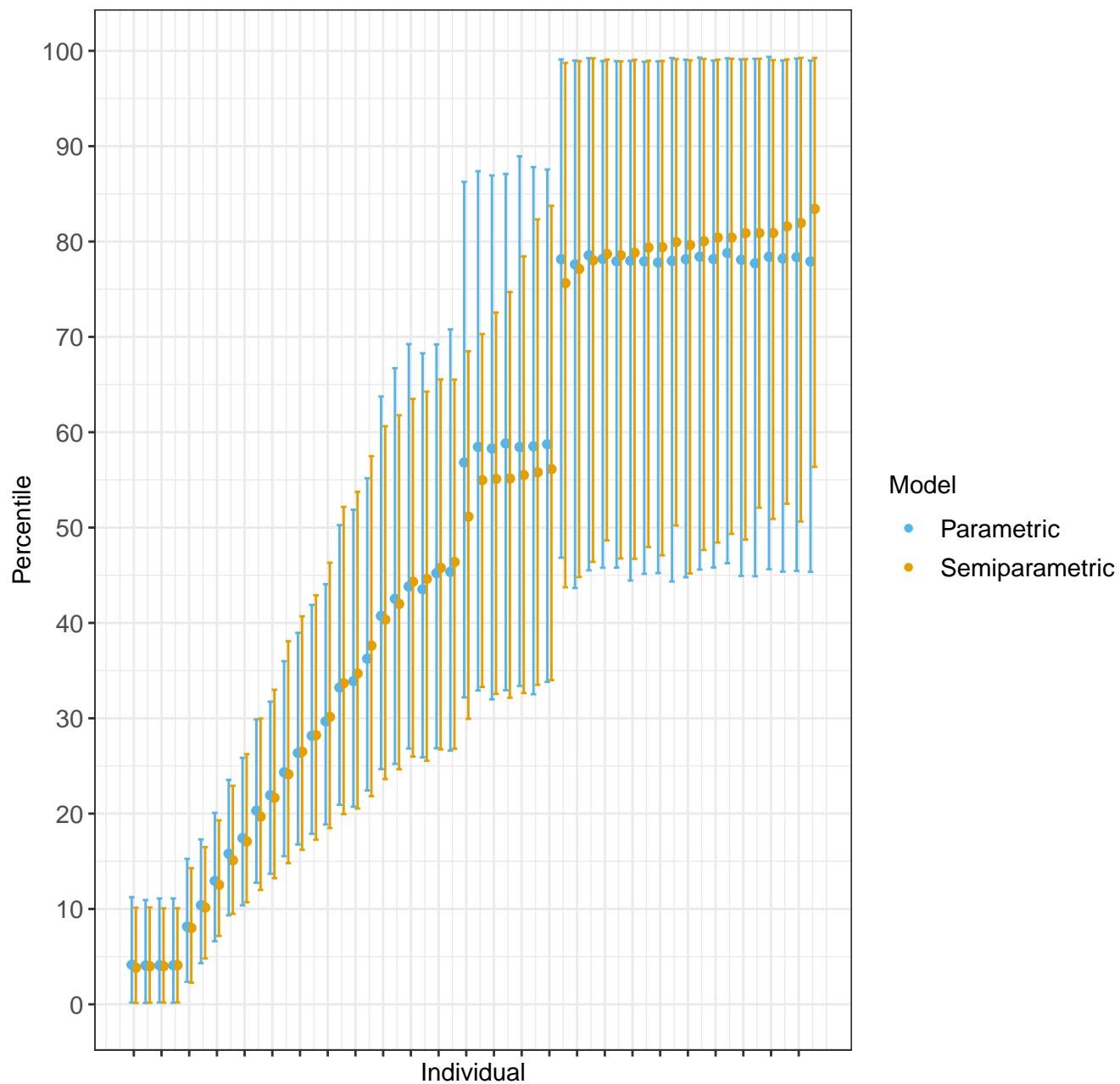


Health data

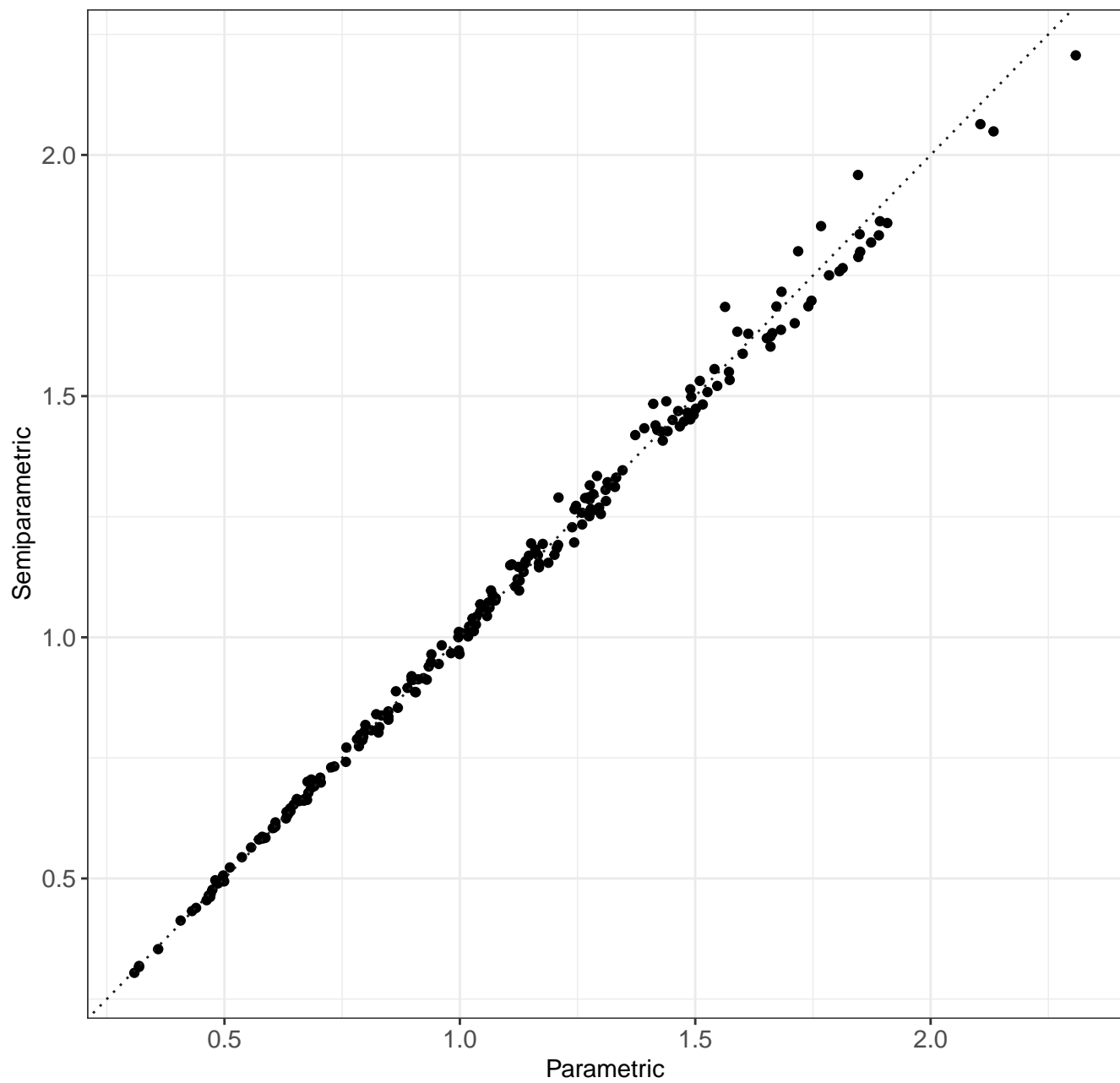
Estimate of the distribution of ability



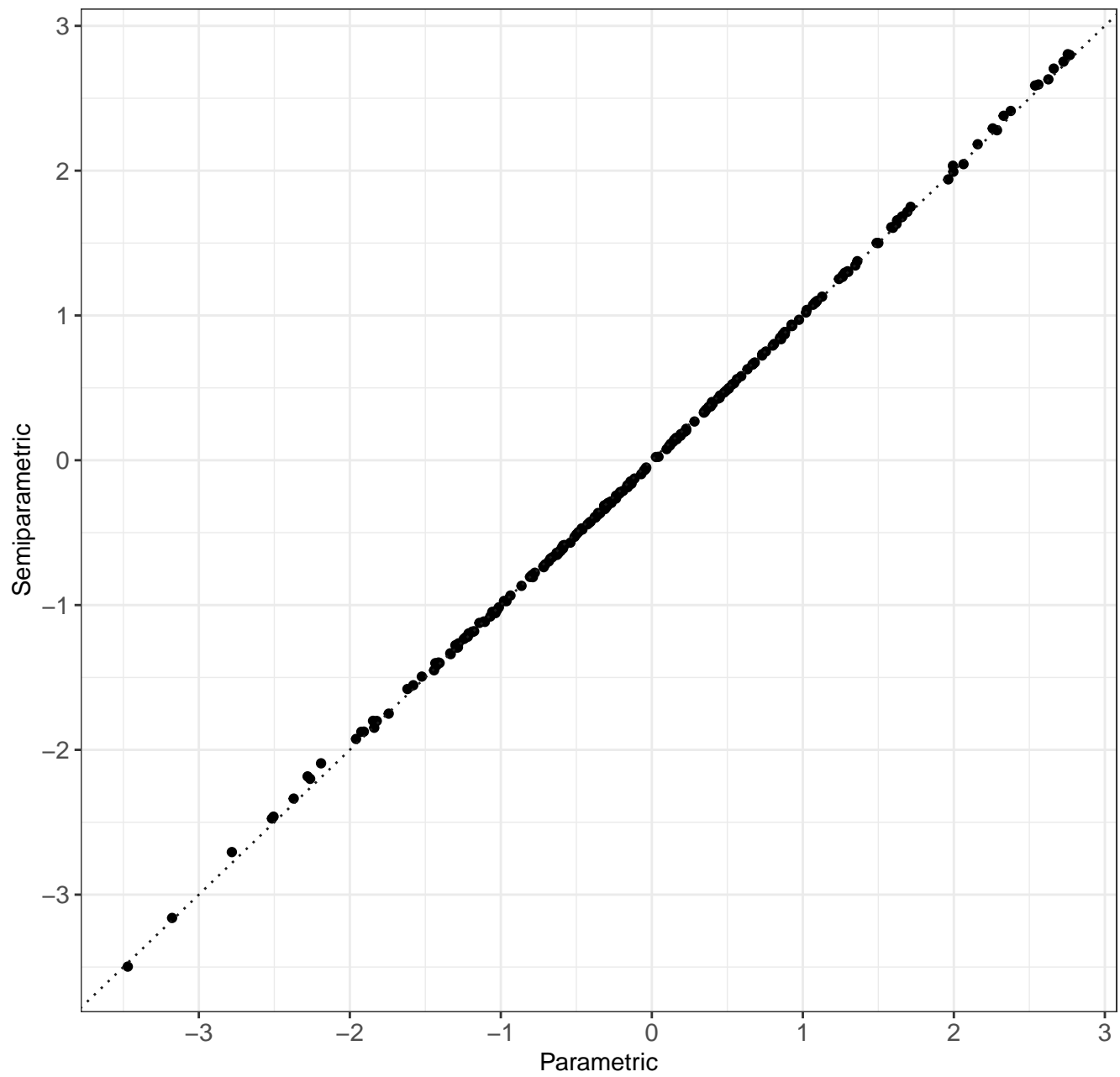
Health data



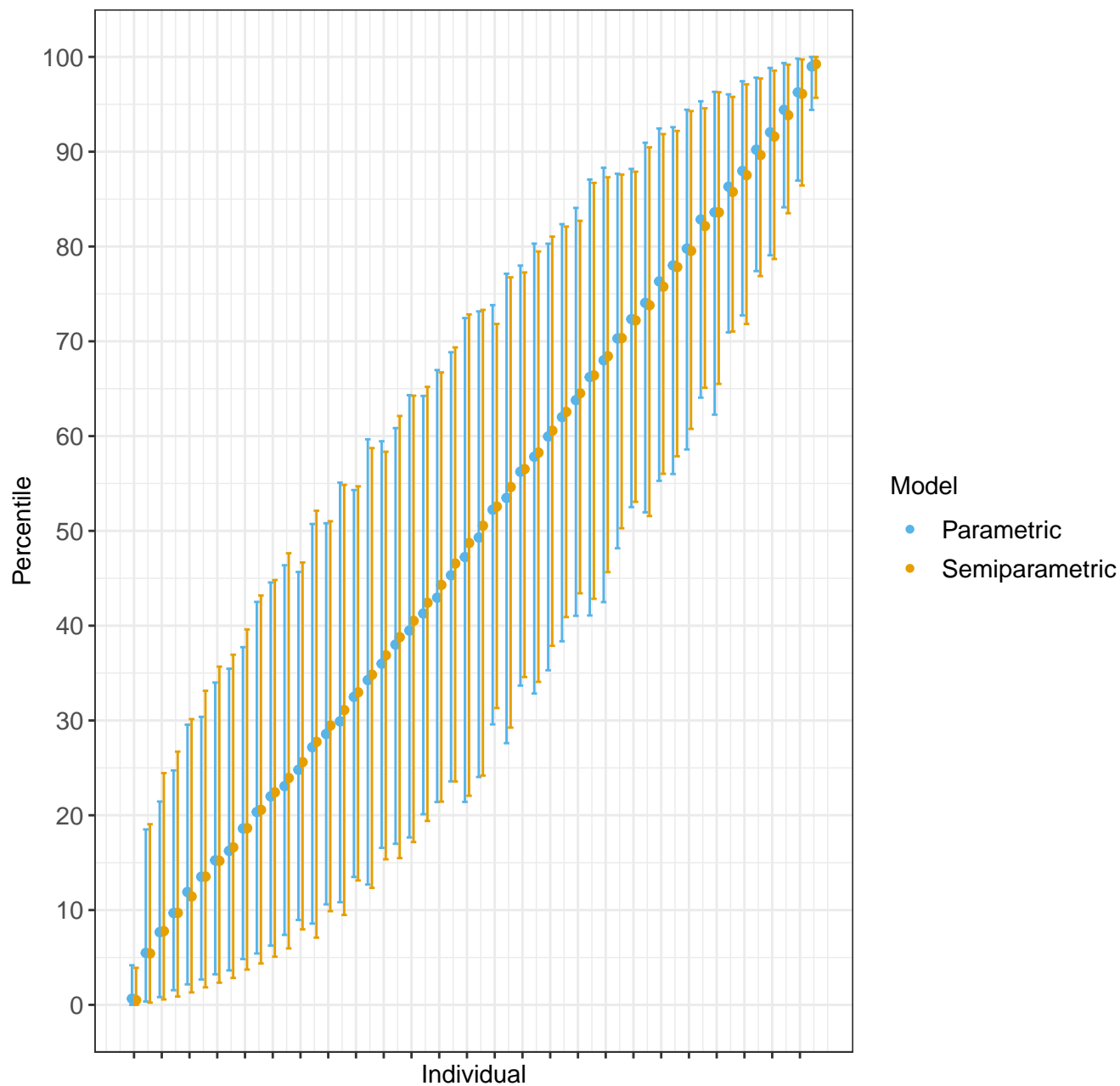
Discrimination parameters



Difficulty parameters

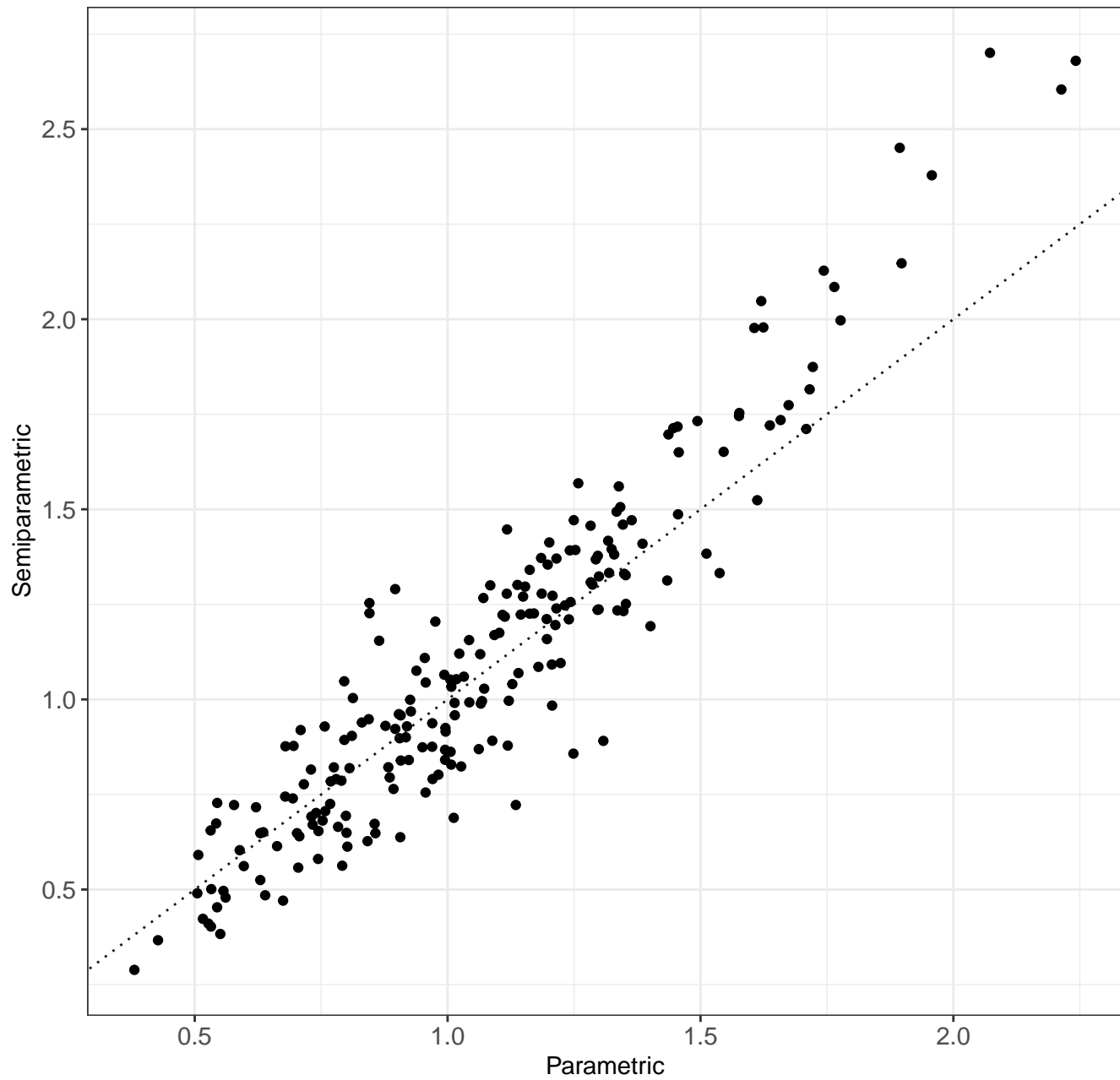


TIMSS data

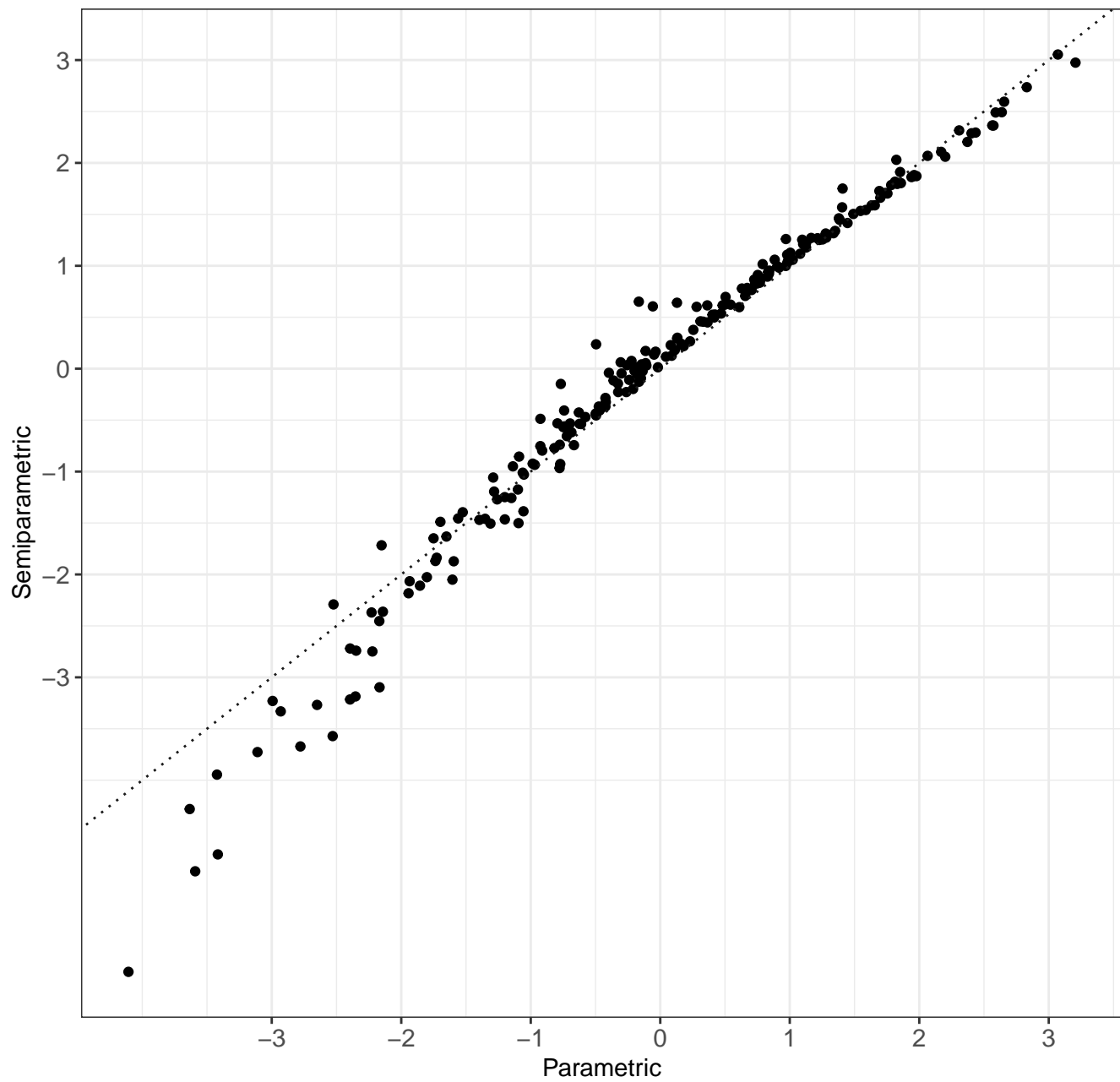




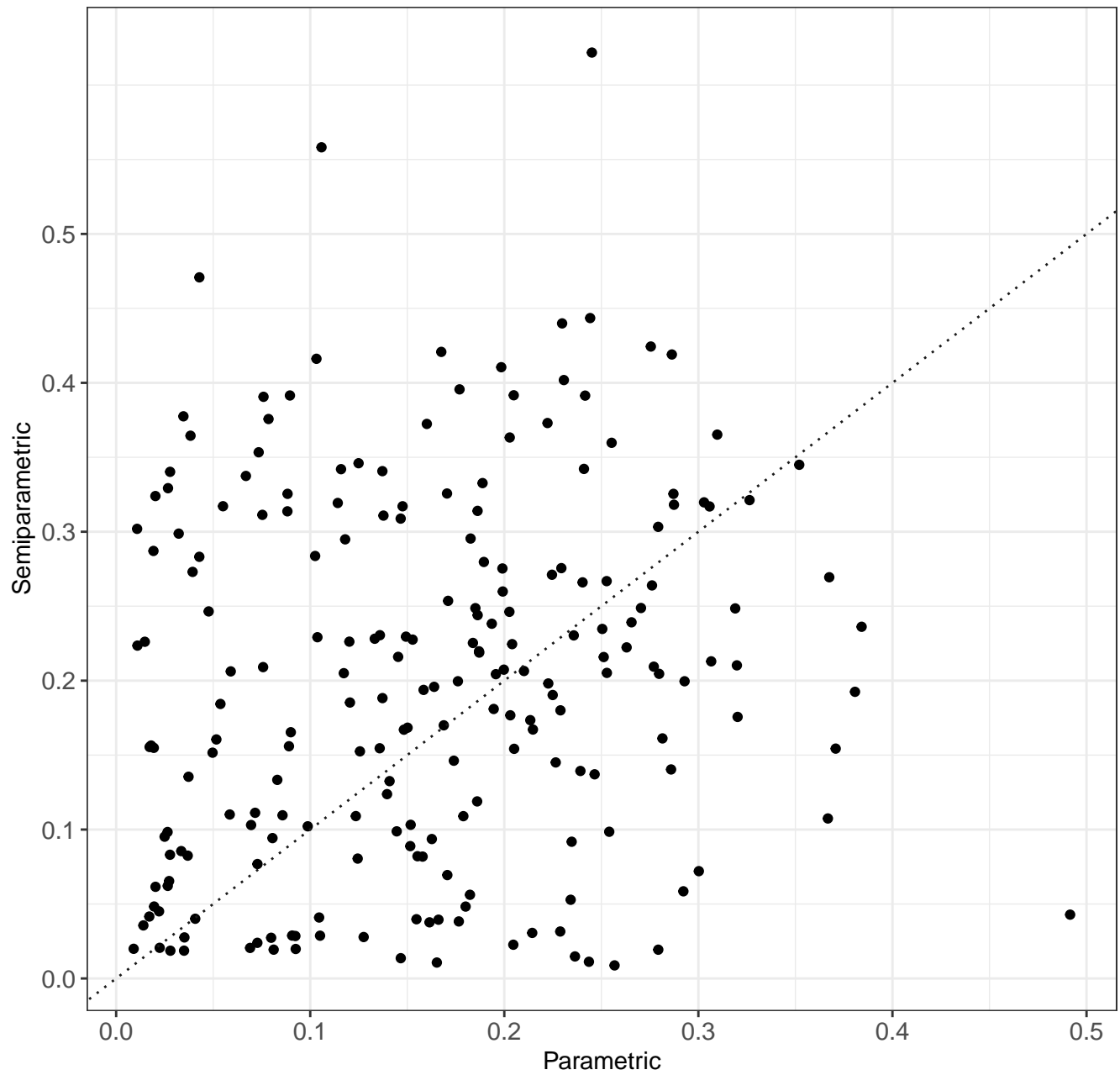
Discrimination parameters



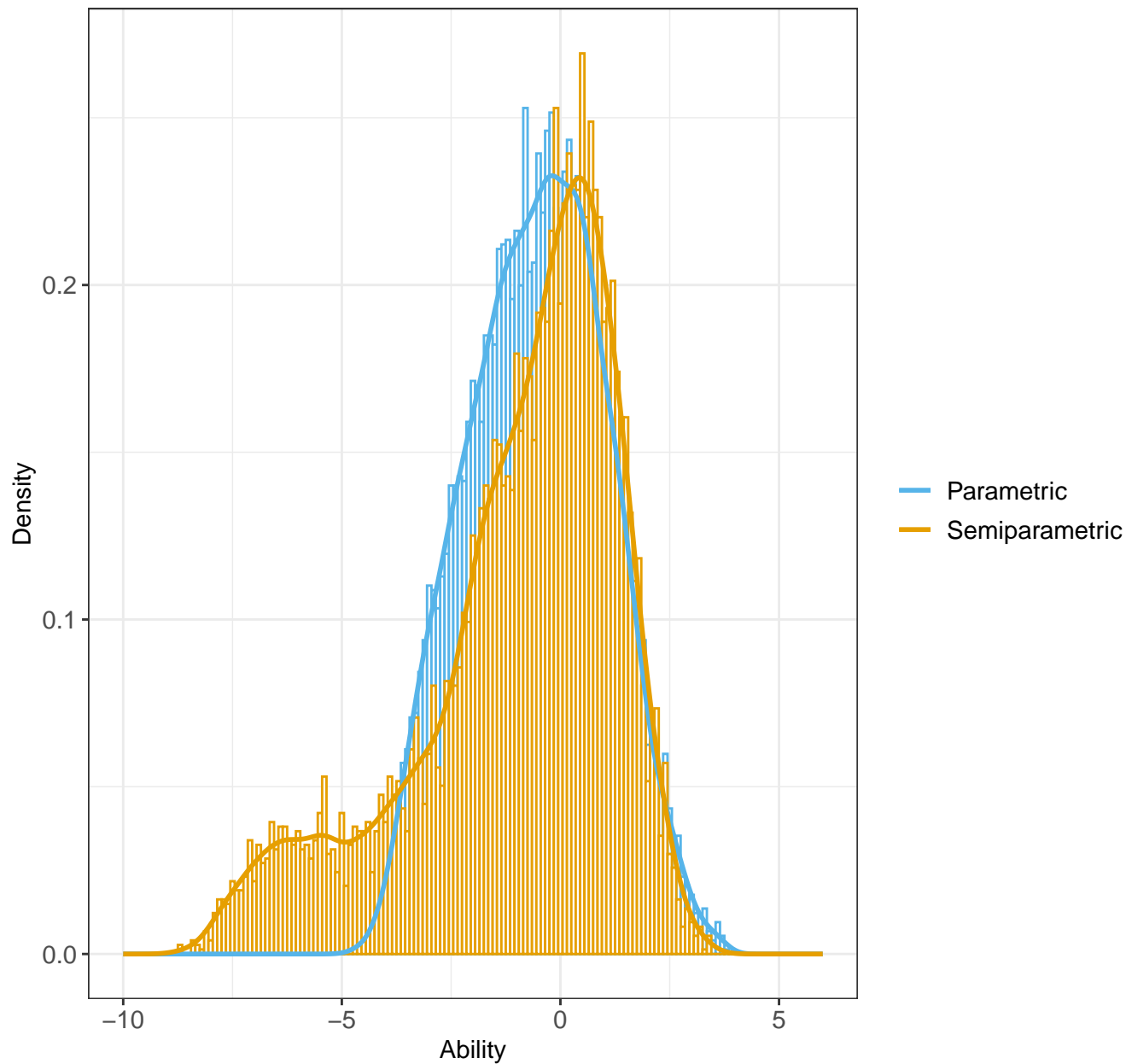
Difficulty parameters



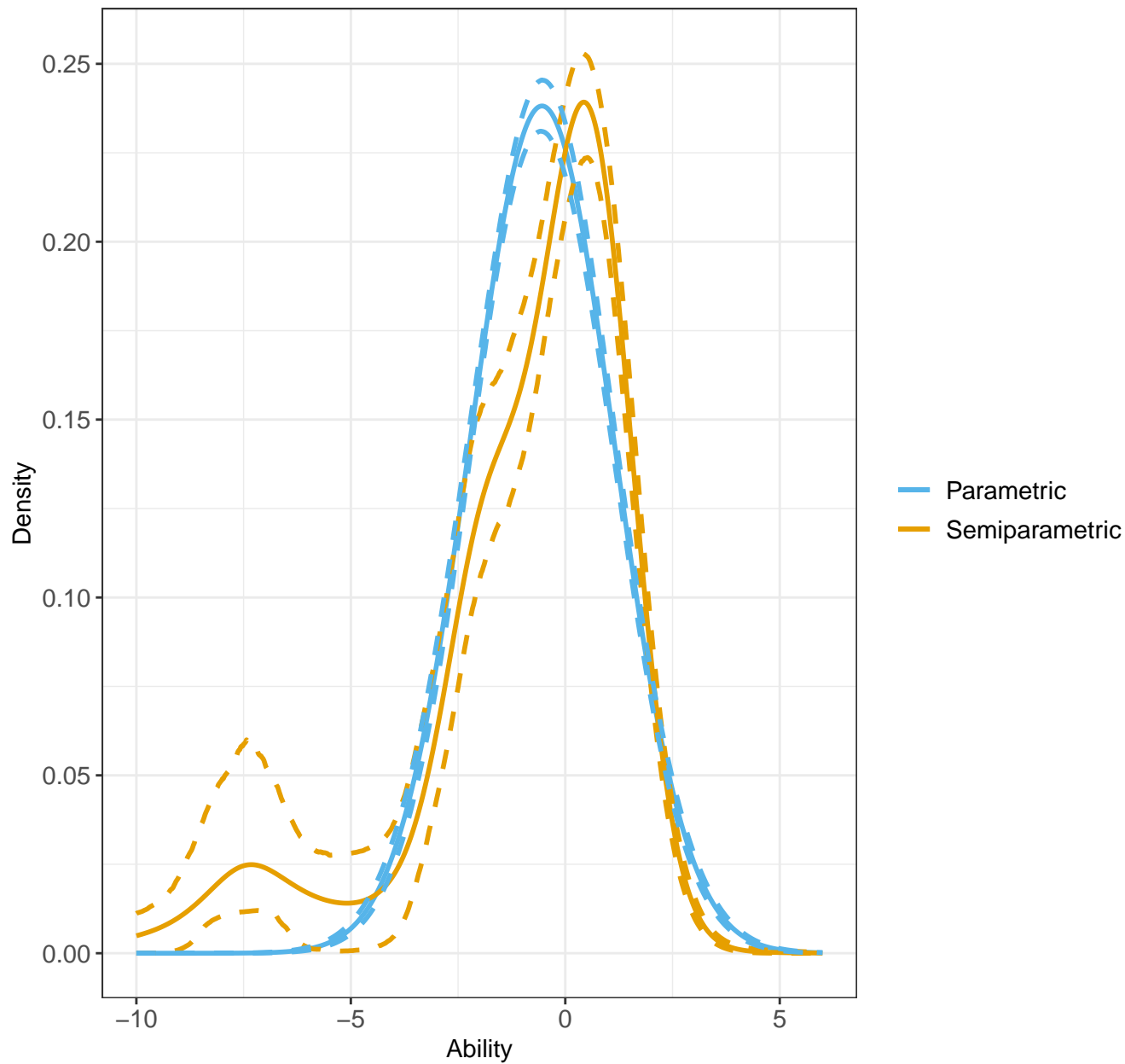
Guessing parameters



TIMSS data  
Distribution of individual posterior mean abilities



TIMSS data  
Estimate of the distribution of ability



TIMSS data

