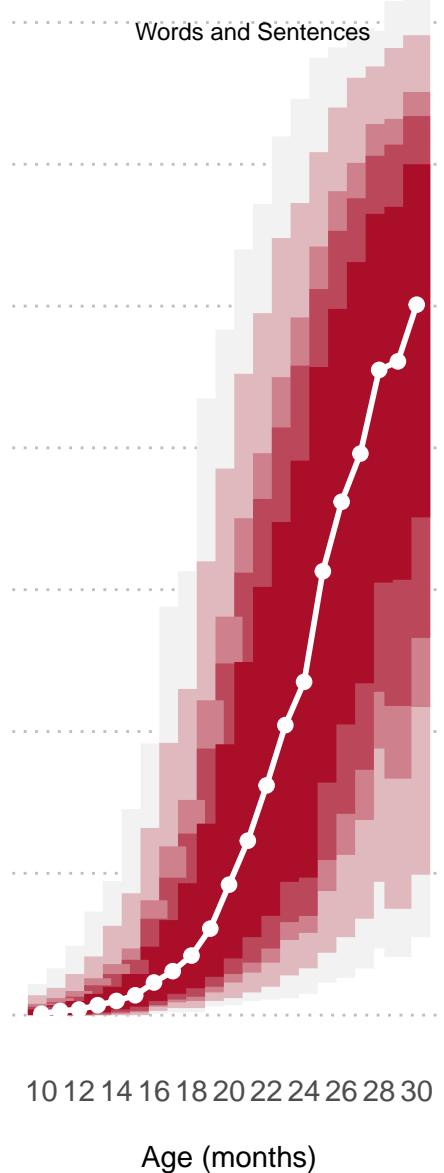
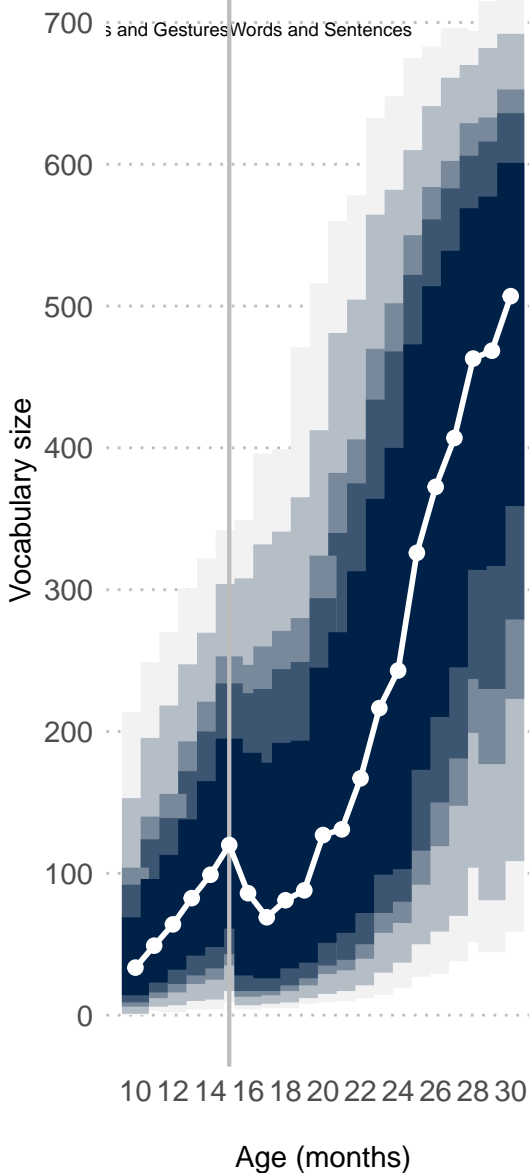
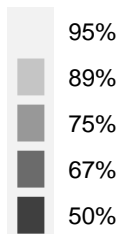
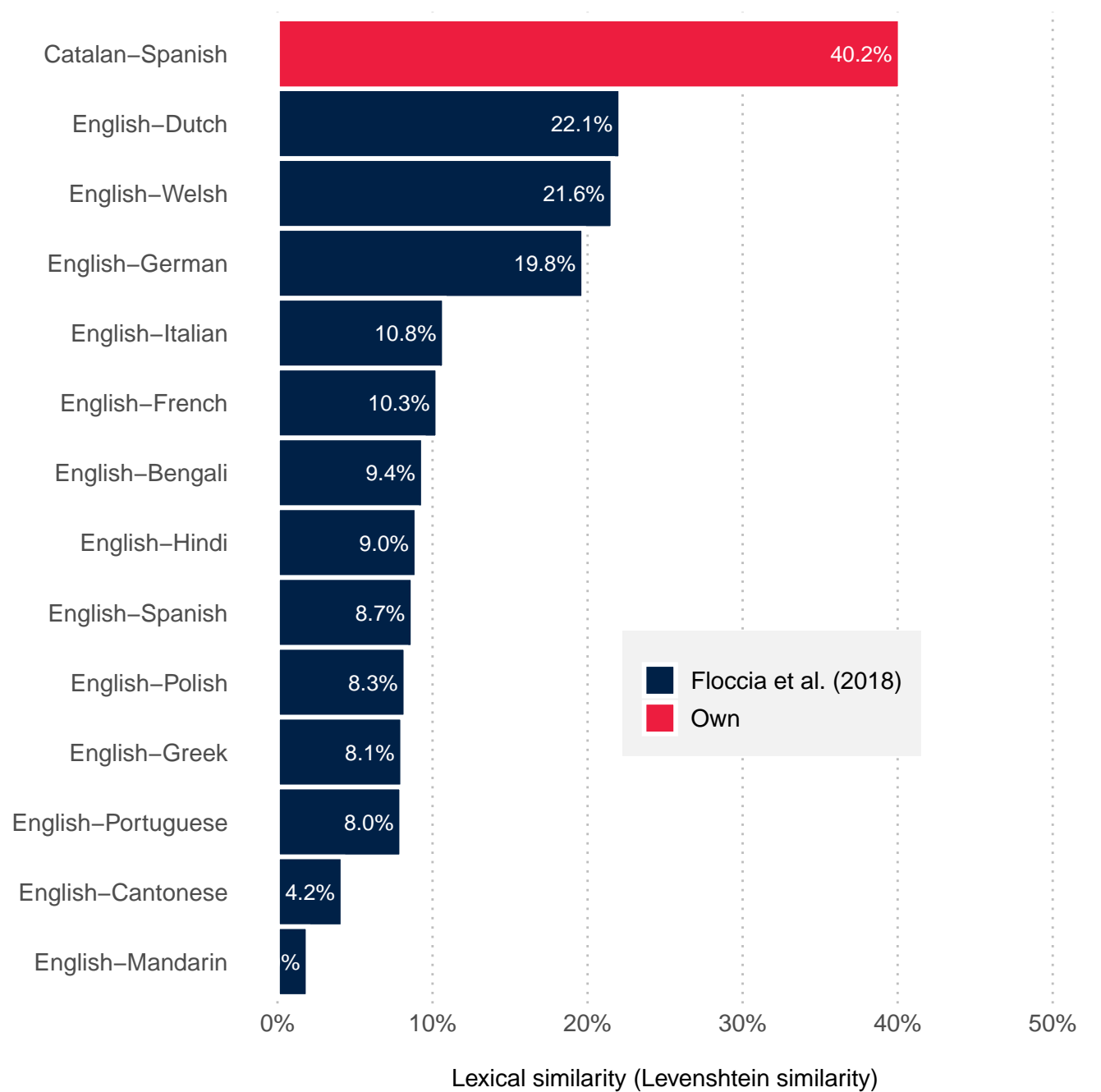


## Sample coverage





Cognateness (phonological similarity)

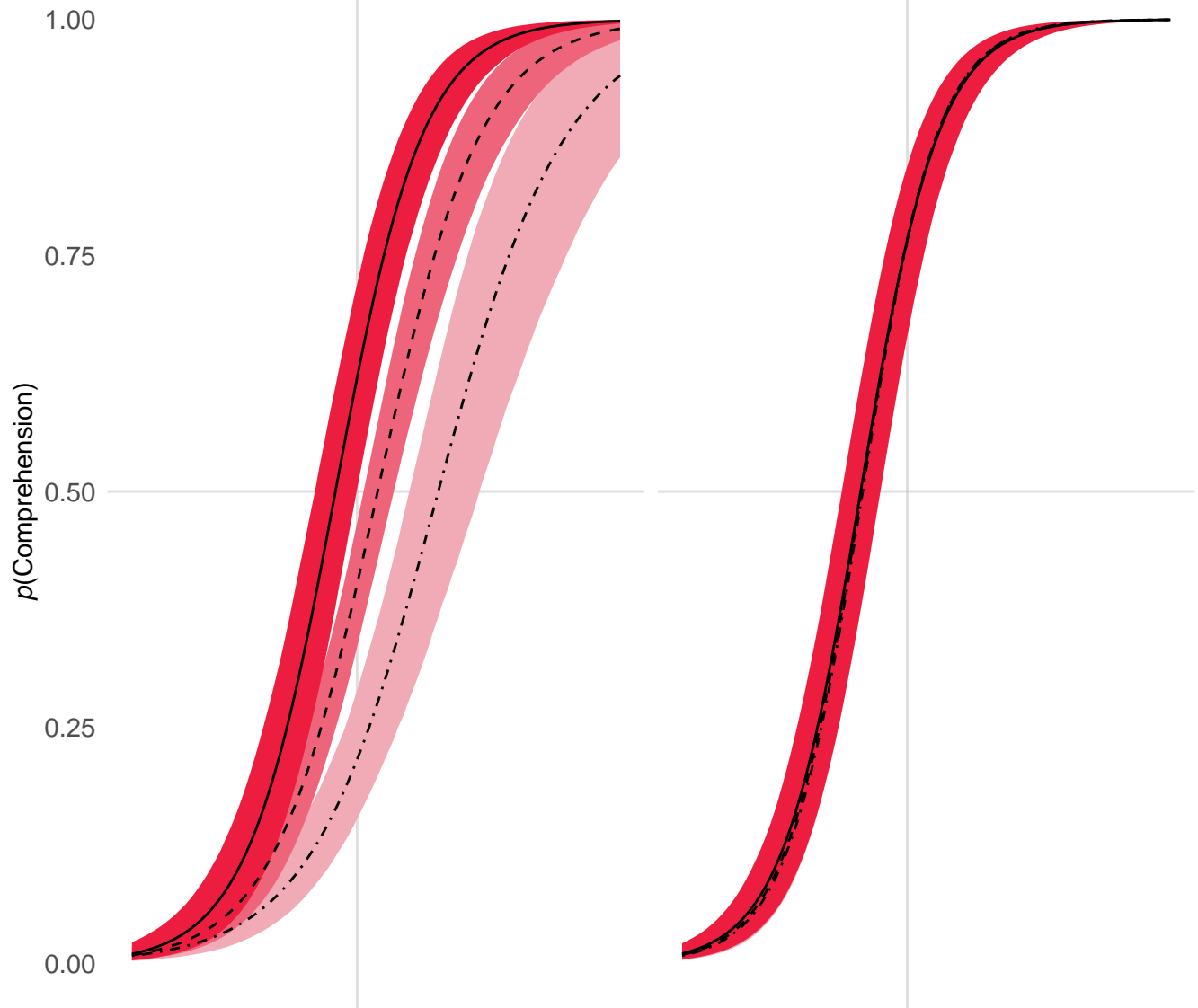
0%

50%

100%

Lower-exposure (−1 SD)

Higher-exposure (+1 SD)



Cognateness (phonological similarity)

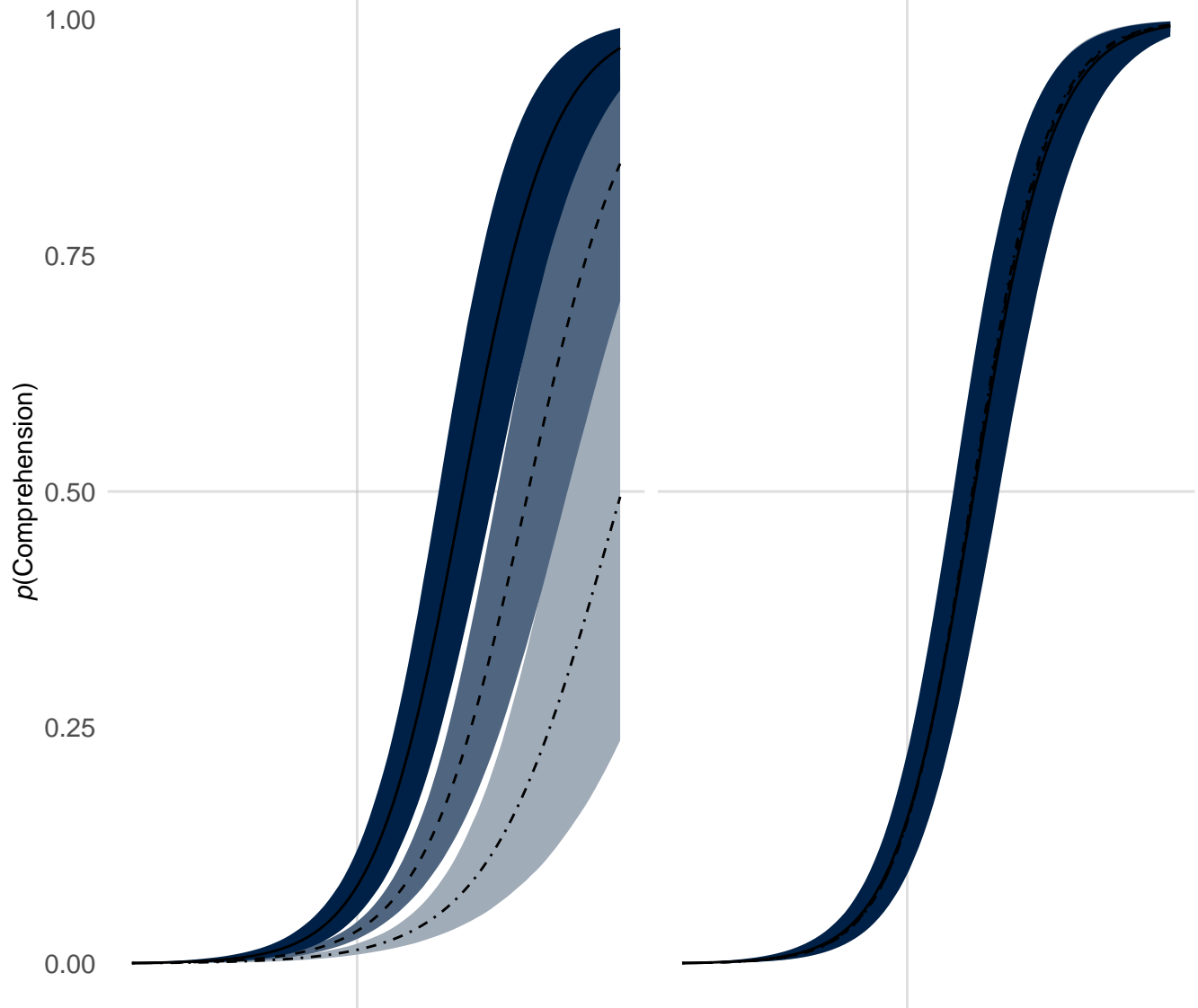
0%

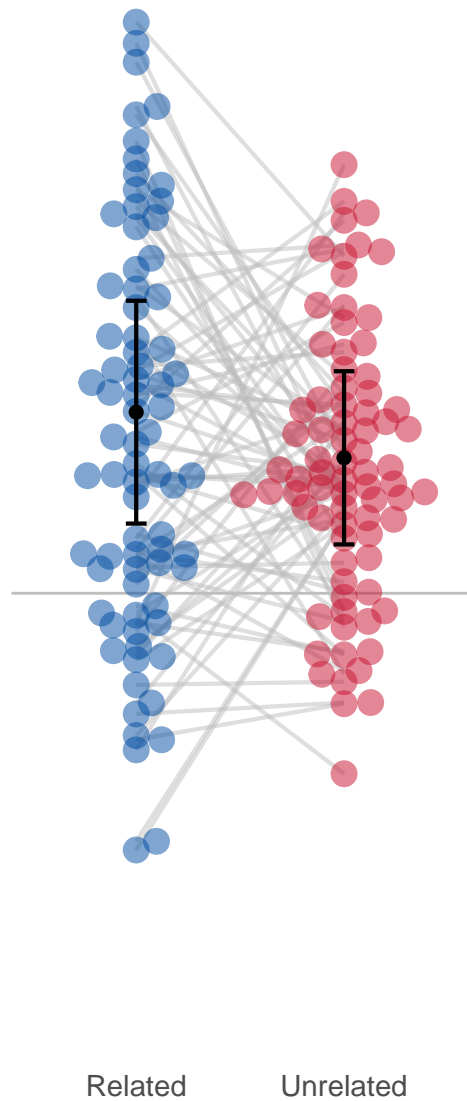
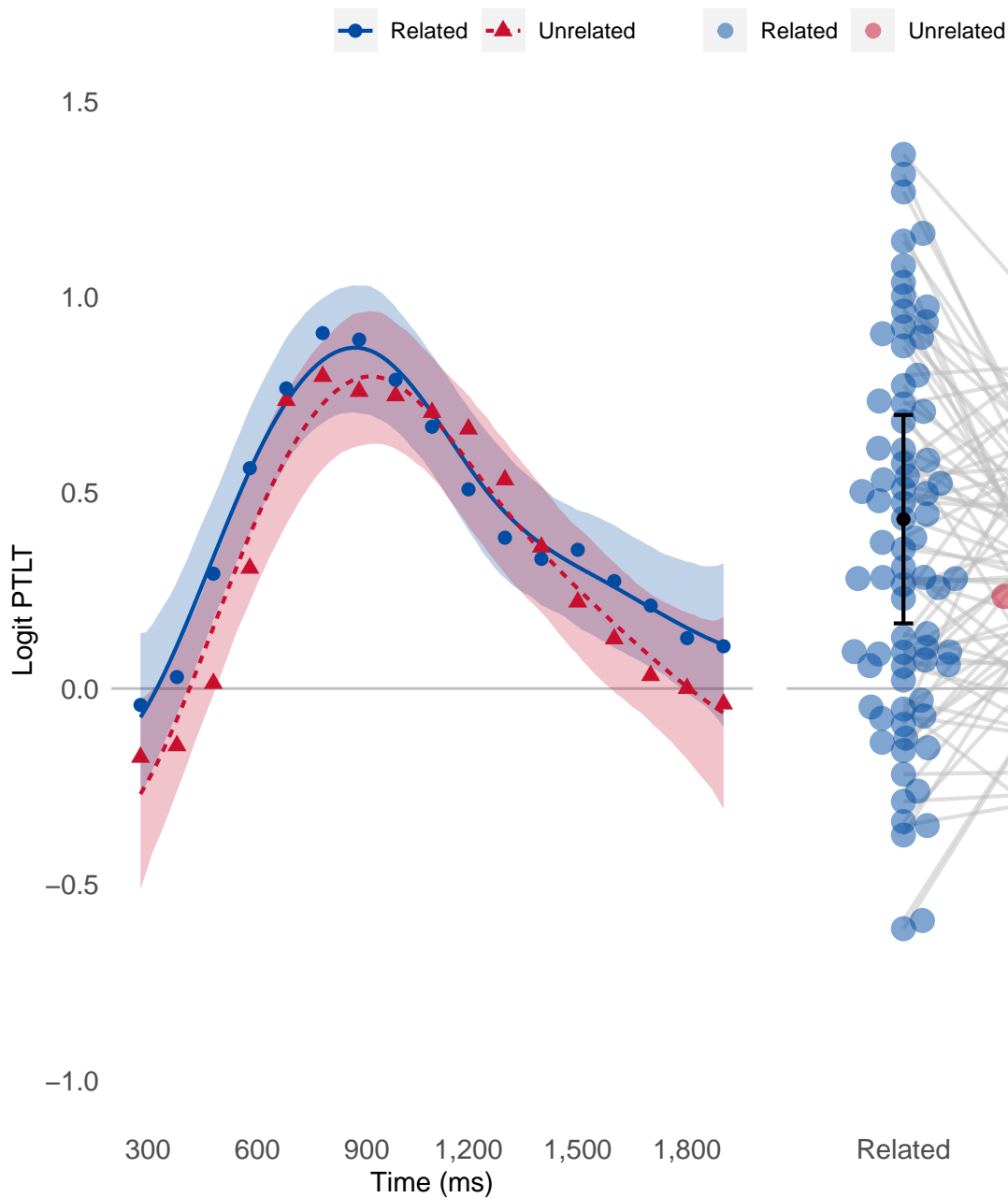
50%

100%

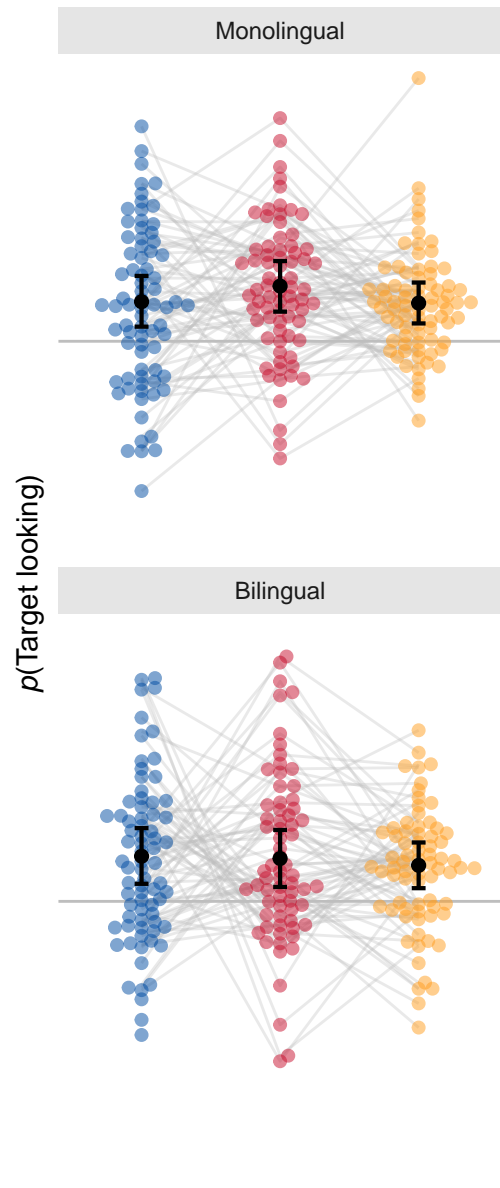
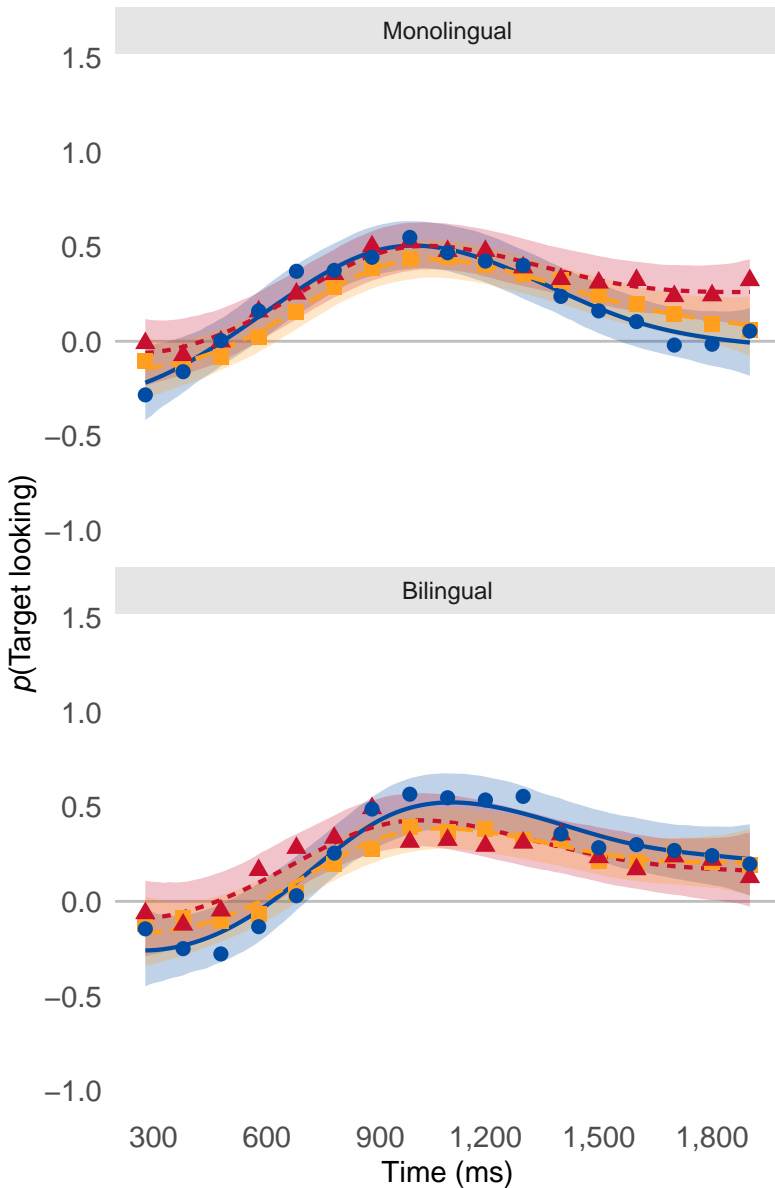
Lower-exposure (−1 SD)

Higher-exposure (+1 SD)





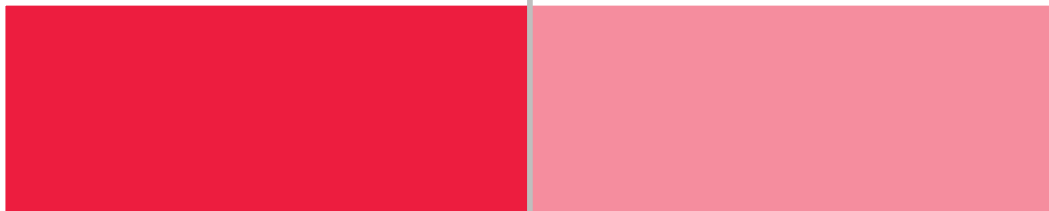
● Related/Cognate   
 ▲ Related/Non-cognate   
 ■ Unrelated



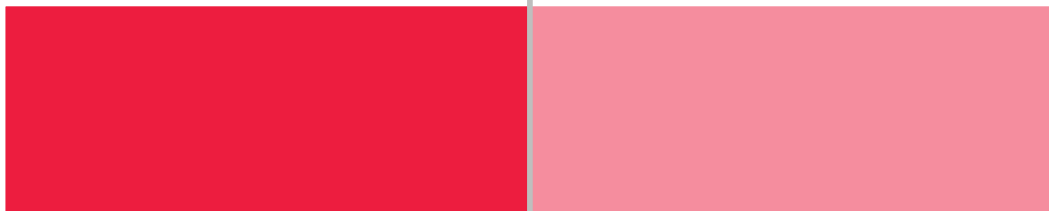
Non-cognates Cognates No cognate facilitation Cognate facilitation

No cognate facilitation

Language

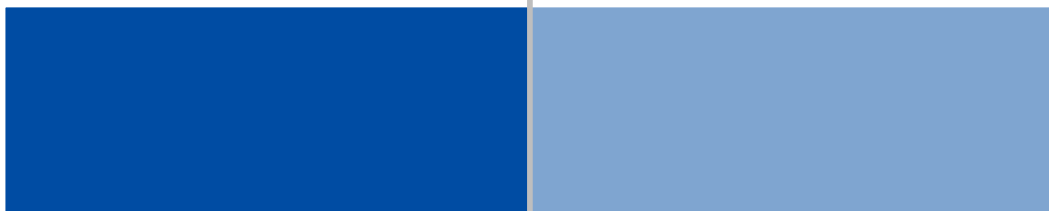


Vocabulary



Cognate facilitation

Language



Vocabulary



# Slopes

ROPE

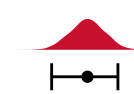
Length (+1 SD, 1.56 phonemes)



Age (+1 SD, 4.87 months)



Exposure (+1 SD, 1.81)



Cognateness (+1 SD, 0.26)



Exposure x Cognateness



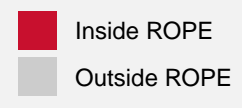
Age x Exposure



Age x Cognateness



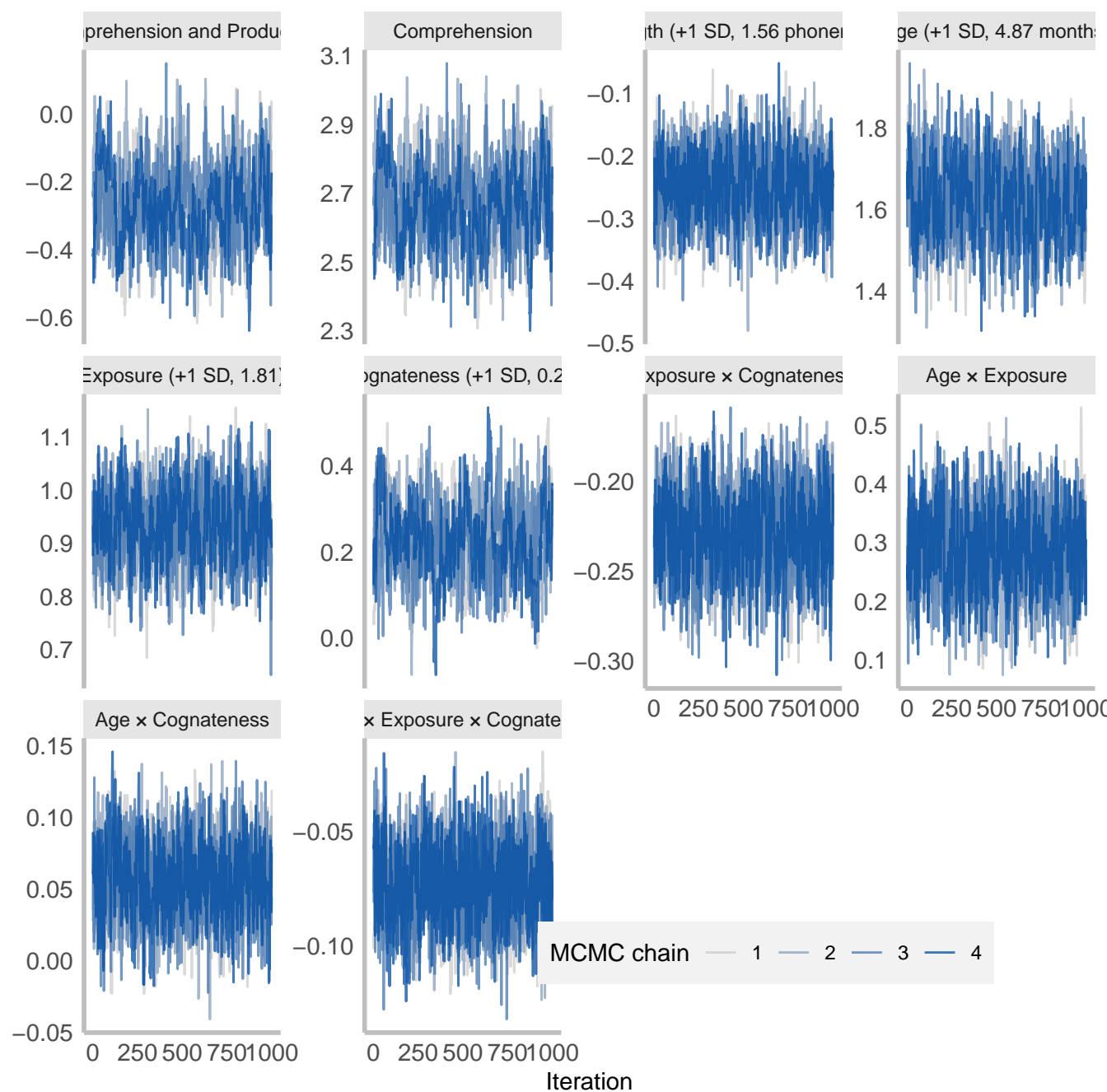
Age x Exposure x Cognateness

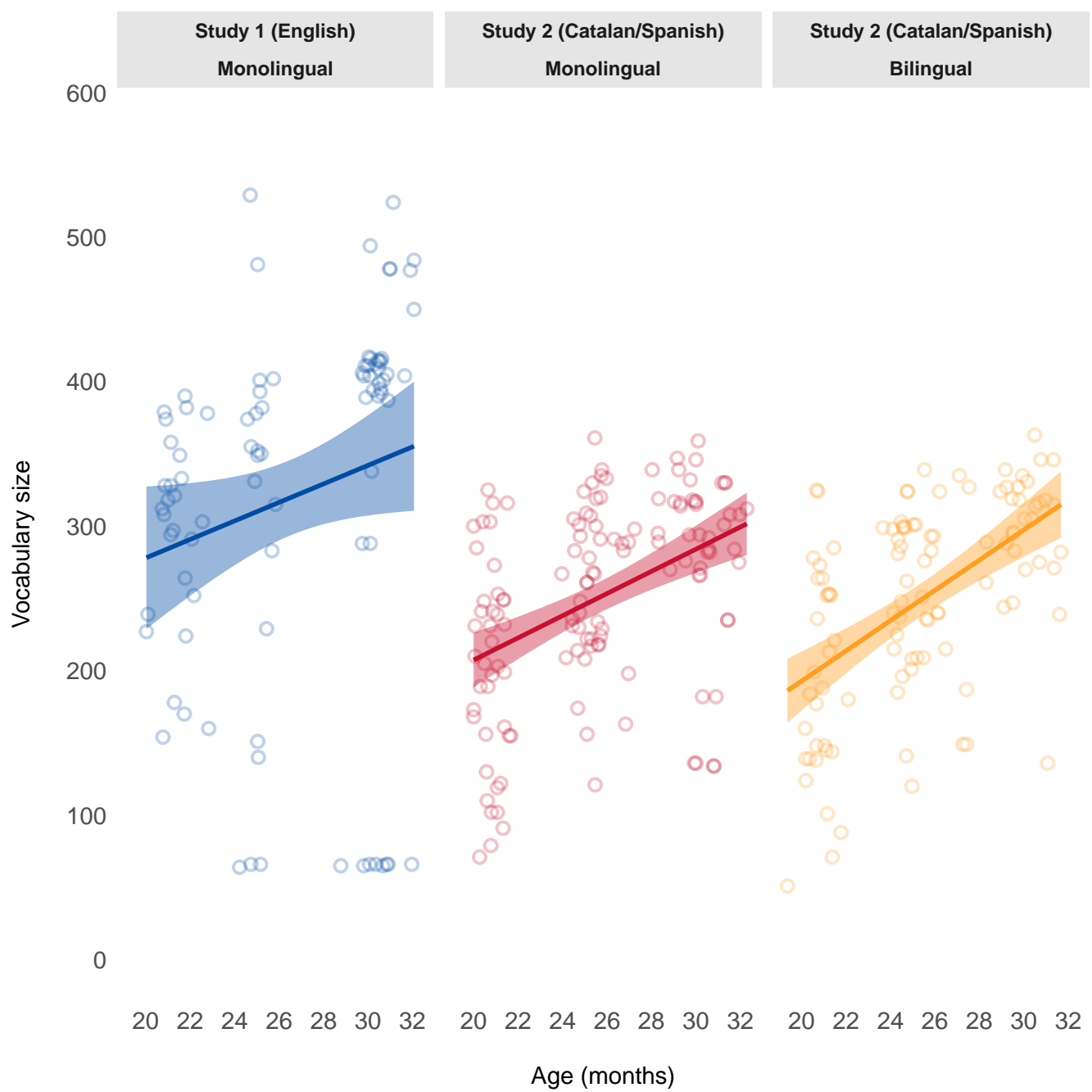


-0.2 0.0 0.2 0.4 0.6

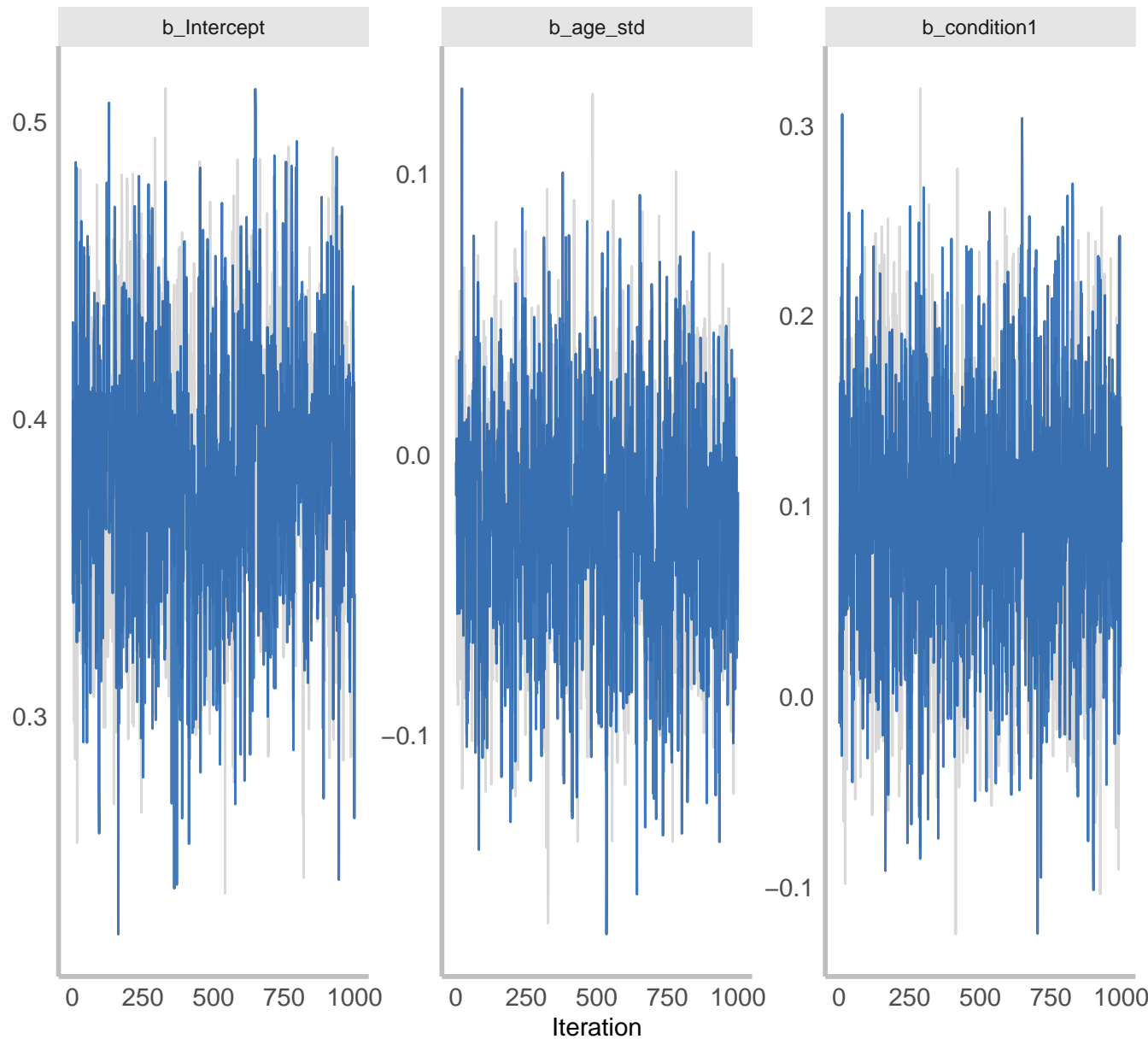
Change in acquisition probability







MCMC chain — 1 — 2



MCMC chain 1 2

