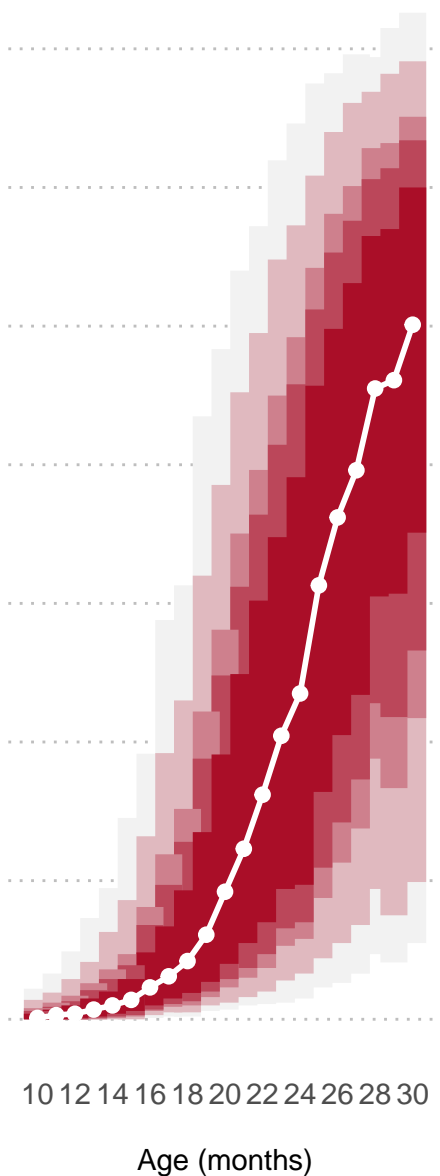
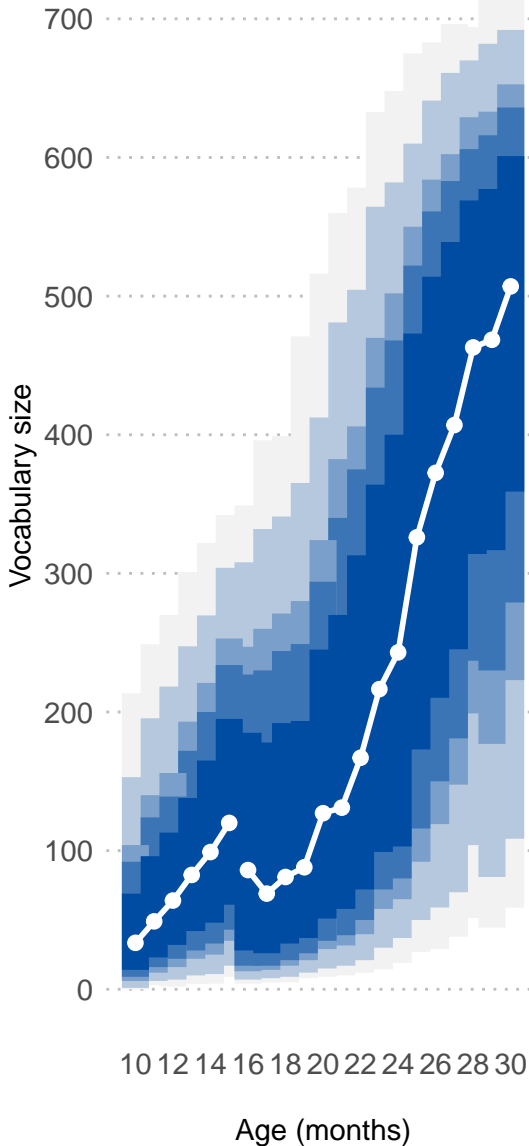
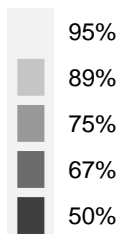
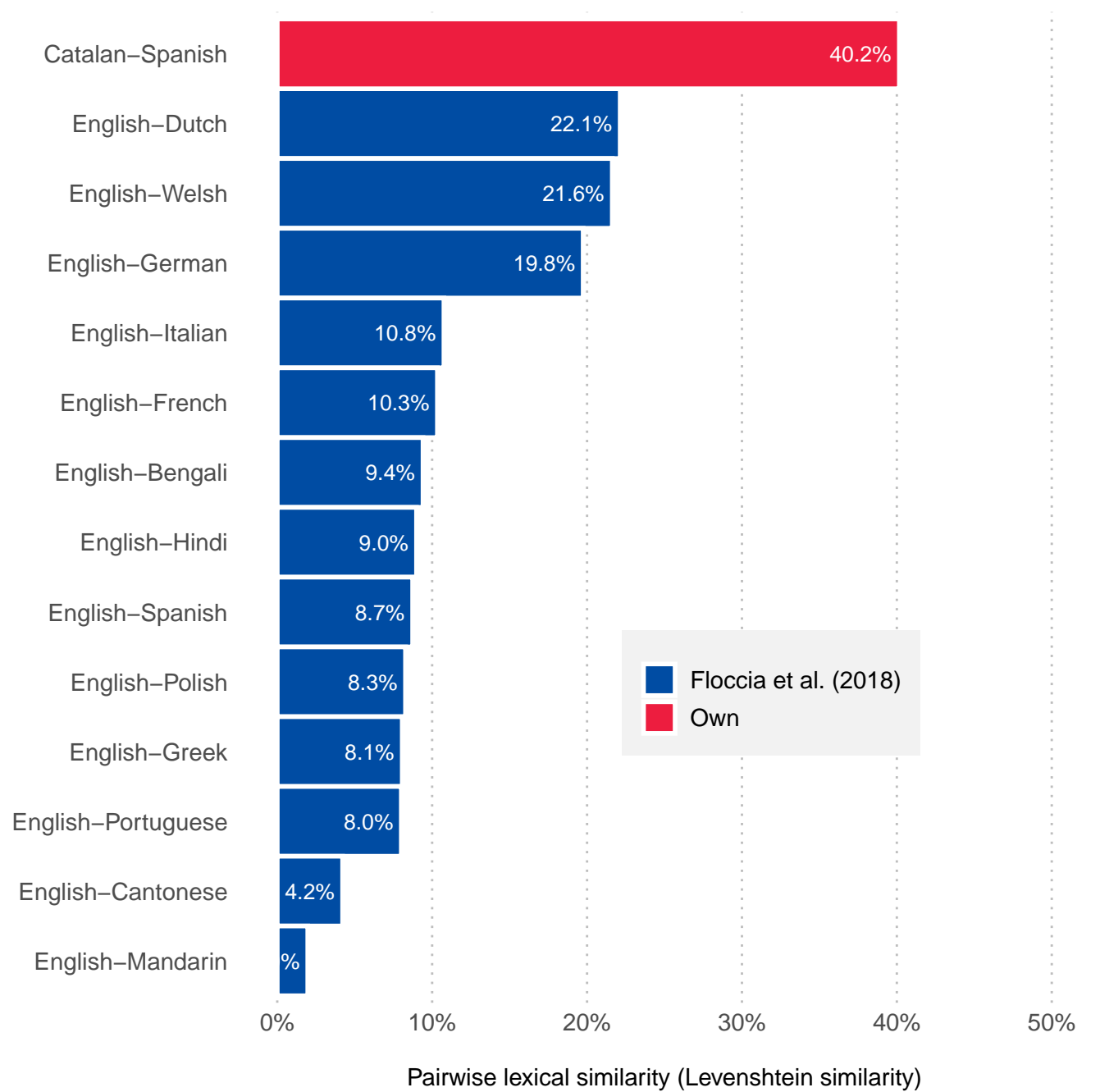


Comprehension
words and Gestures + Words and Sentence

Production
(Words and Sentences)

Sample coverage





Cognateness (phonological similarity)

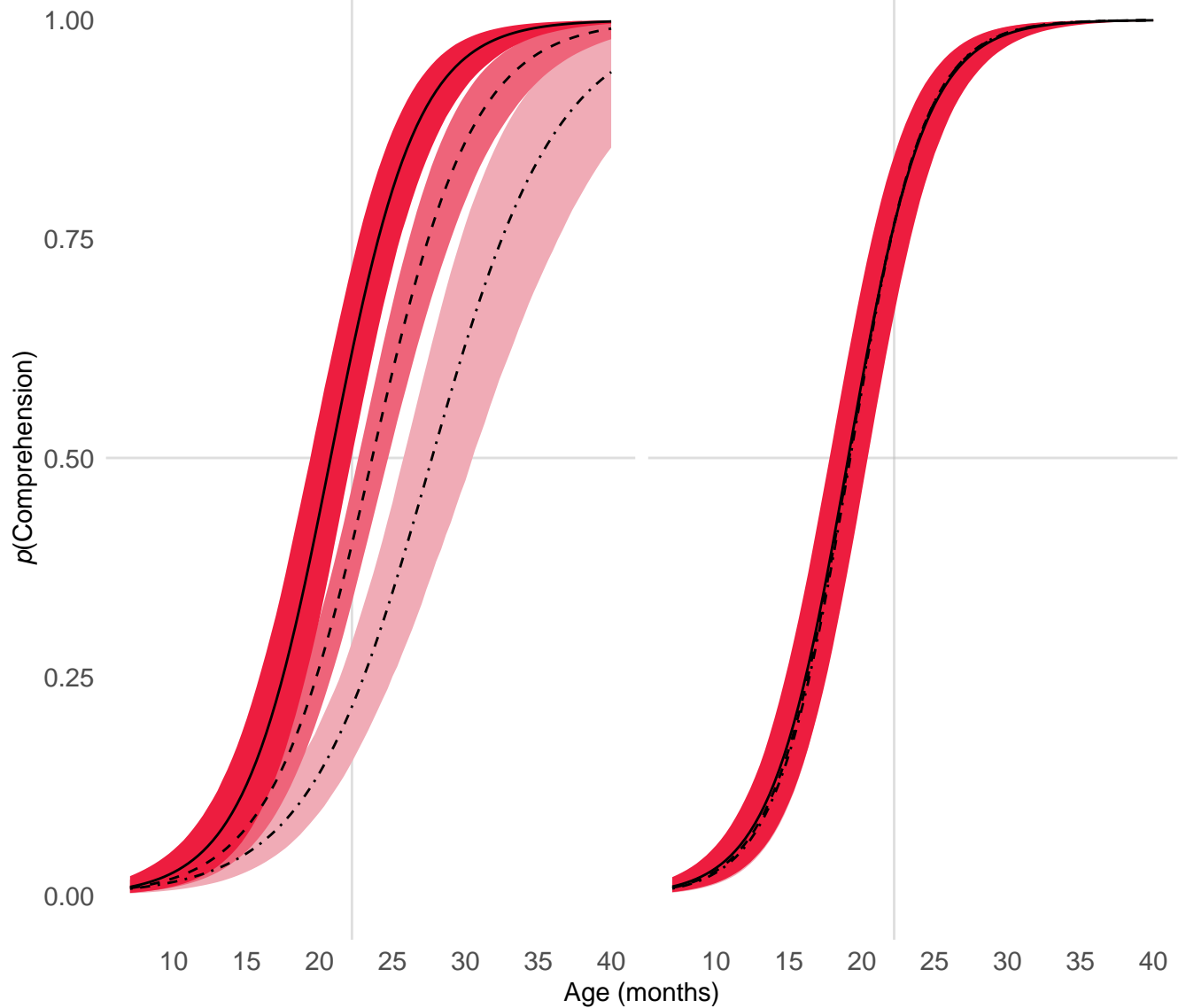
0%

50%

100%

Lower-exposure (−1 SD)

Higher-exposure (+1 SD)



Cognateness (phonological similarity)

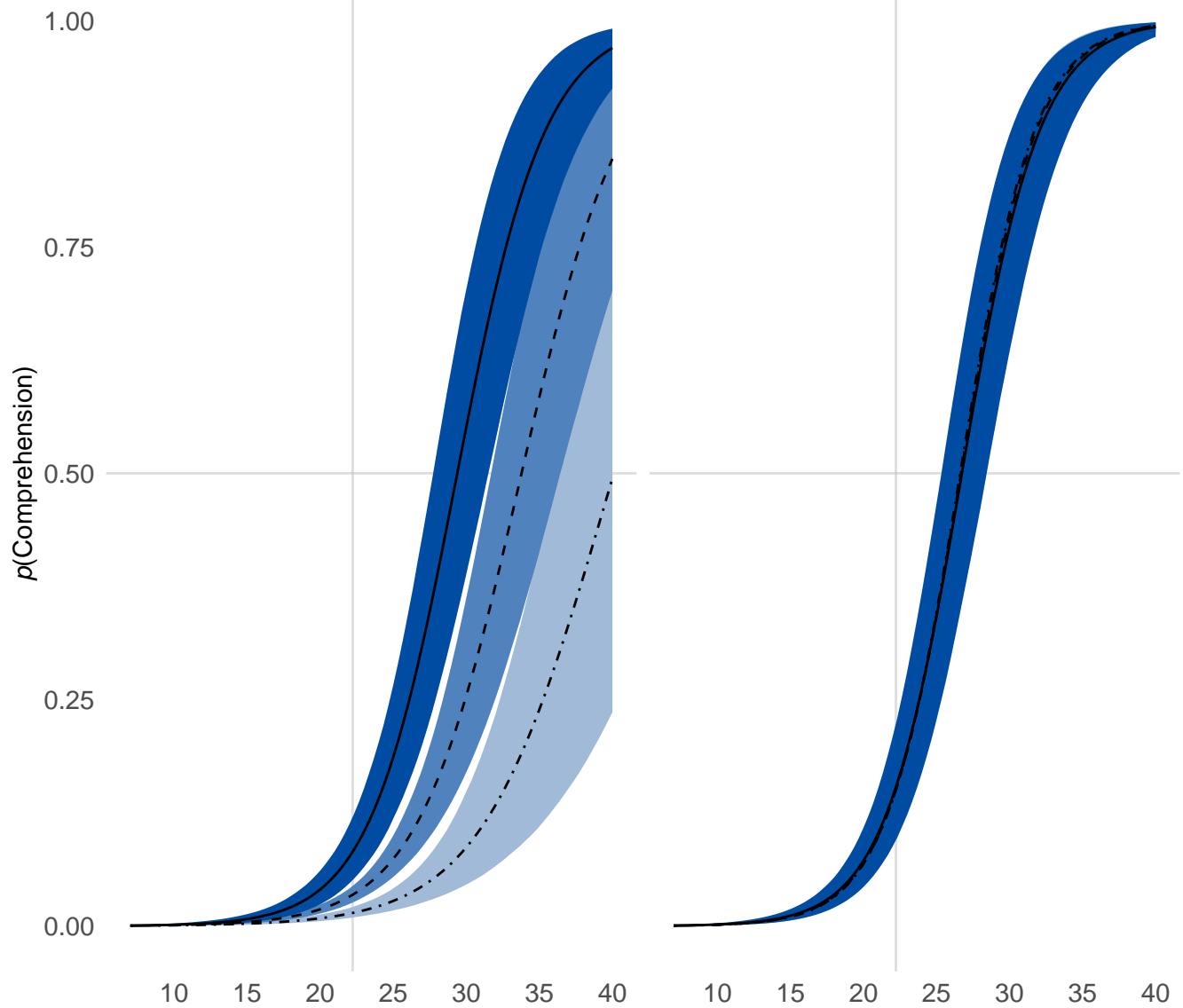
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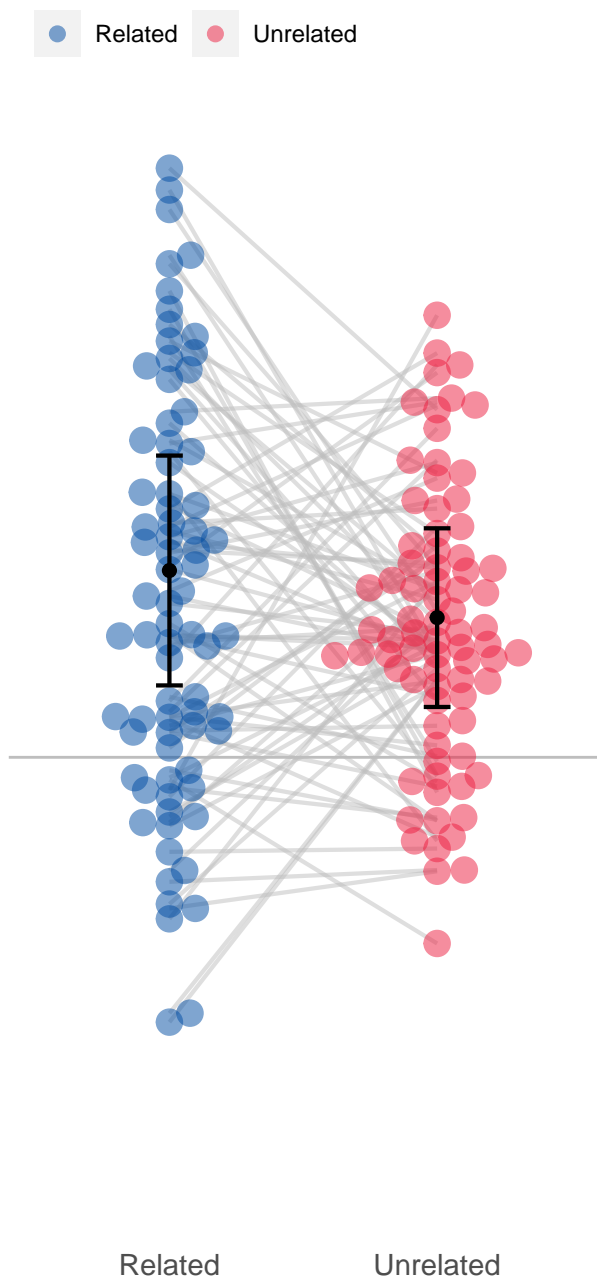
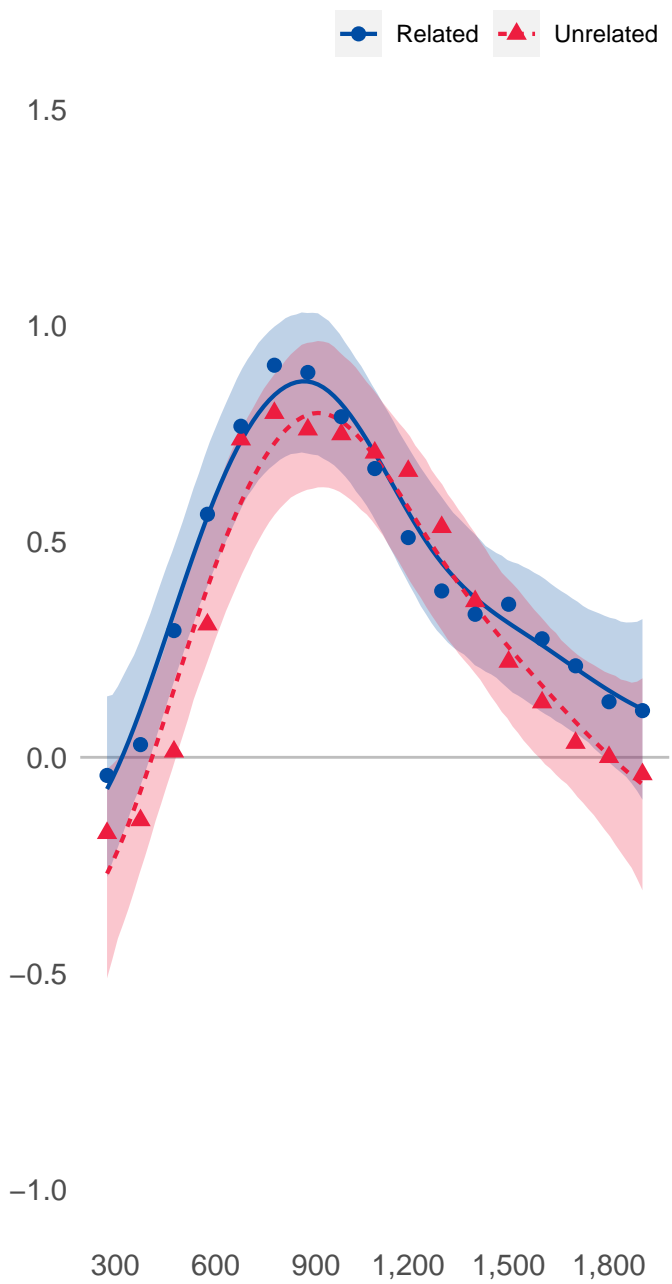
50%

100%

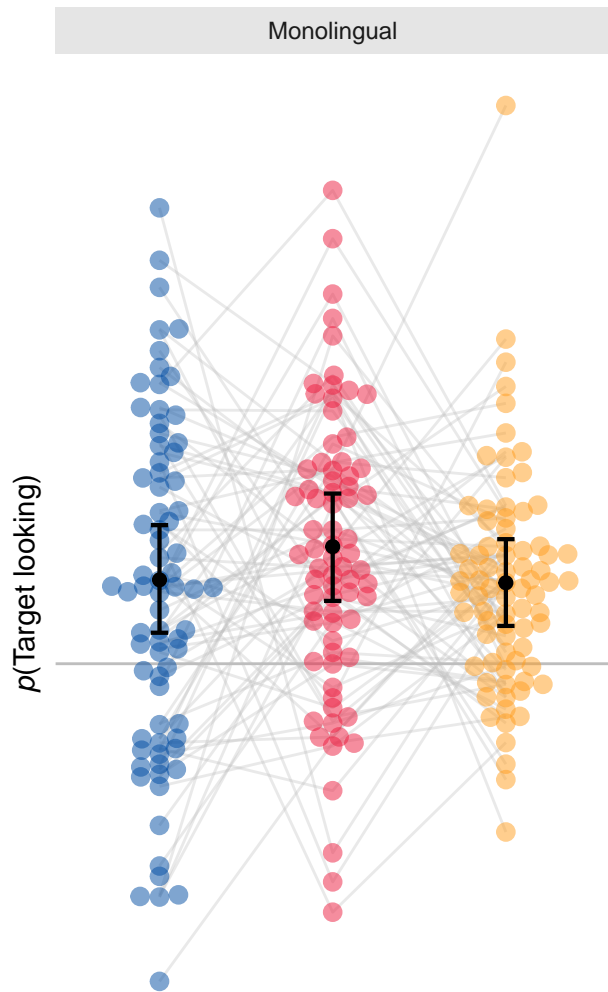
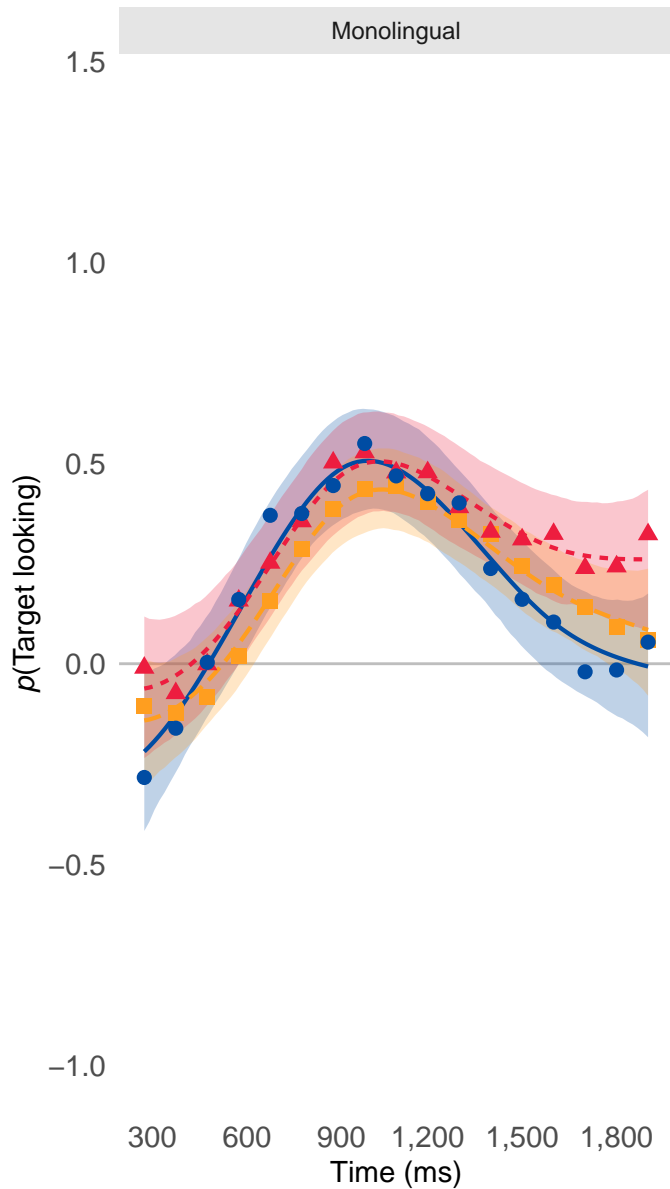
Lower-exposure (−1 SD)

Higher-exposure (+1 SD)

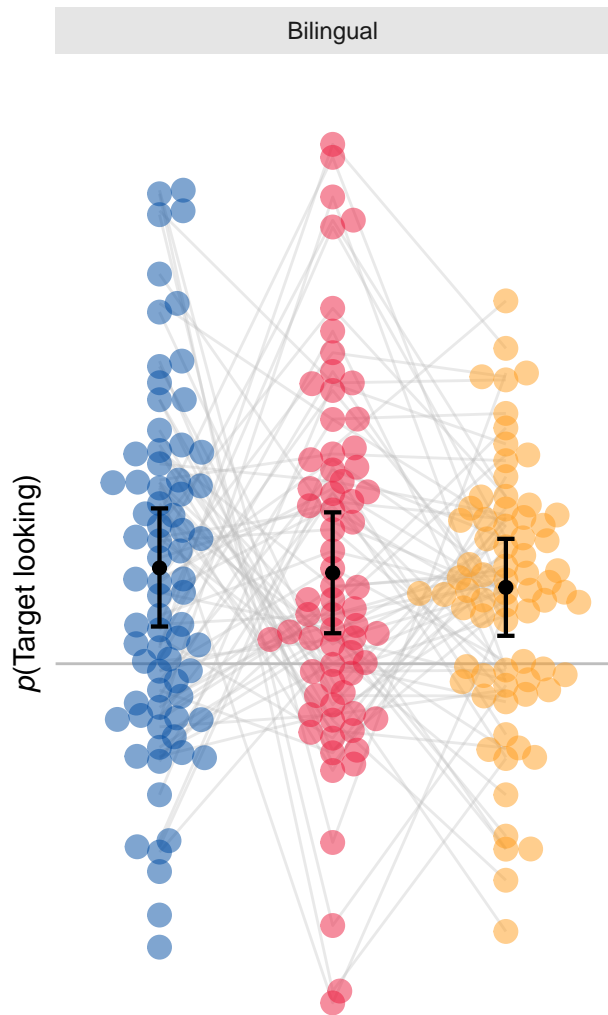
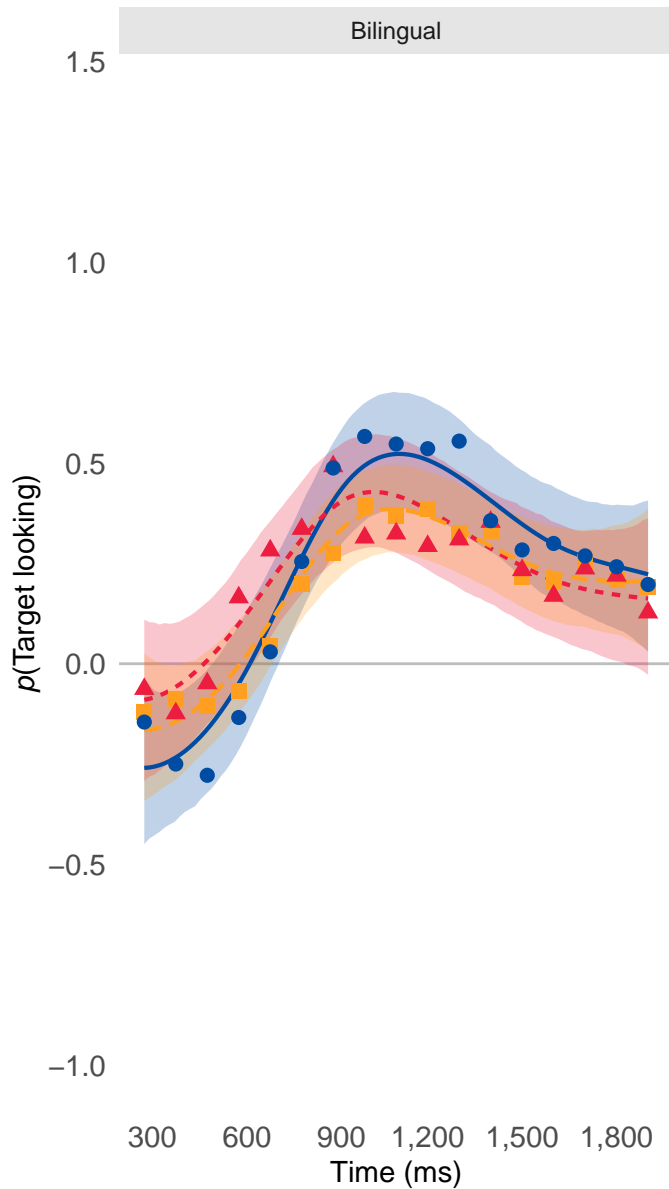




Related/Cognate Related/Non-cognate Unrelated



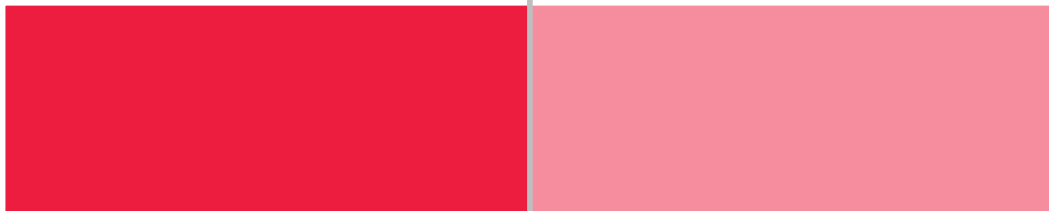
Related/Cognate Related/Non-cognate Unrelated



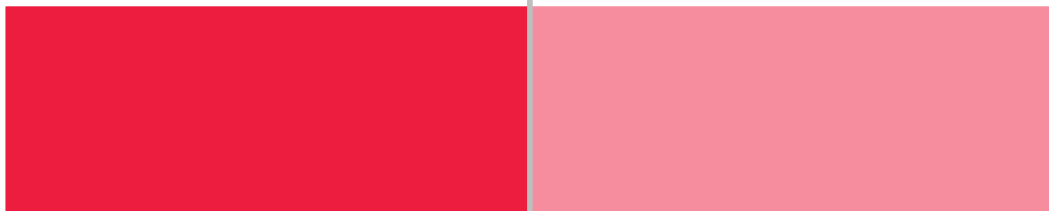
Non-cognates Cognates No cognate facilitation Cognate facilitation

No cognate facilitation

Language



Vocabulary



Cognate facilitation

Language

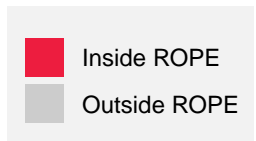


Vocabulary



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

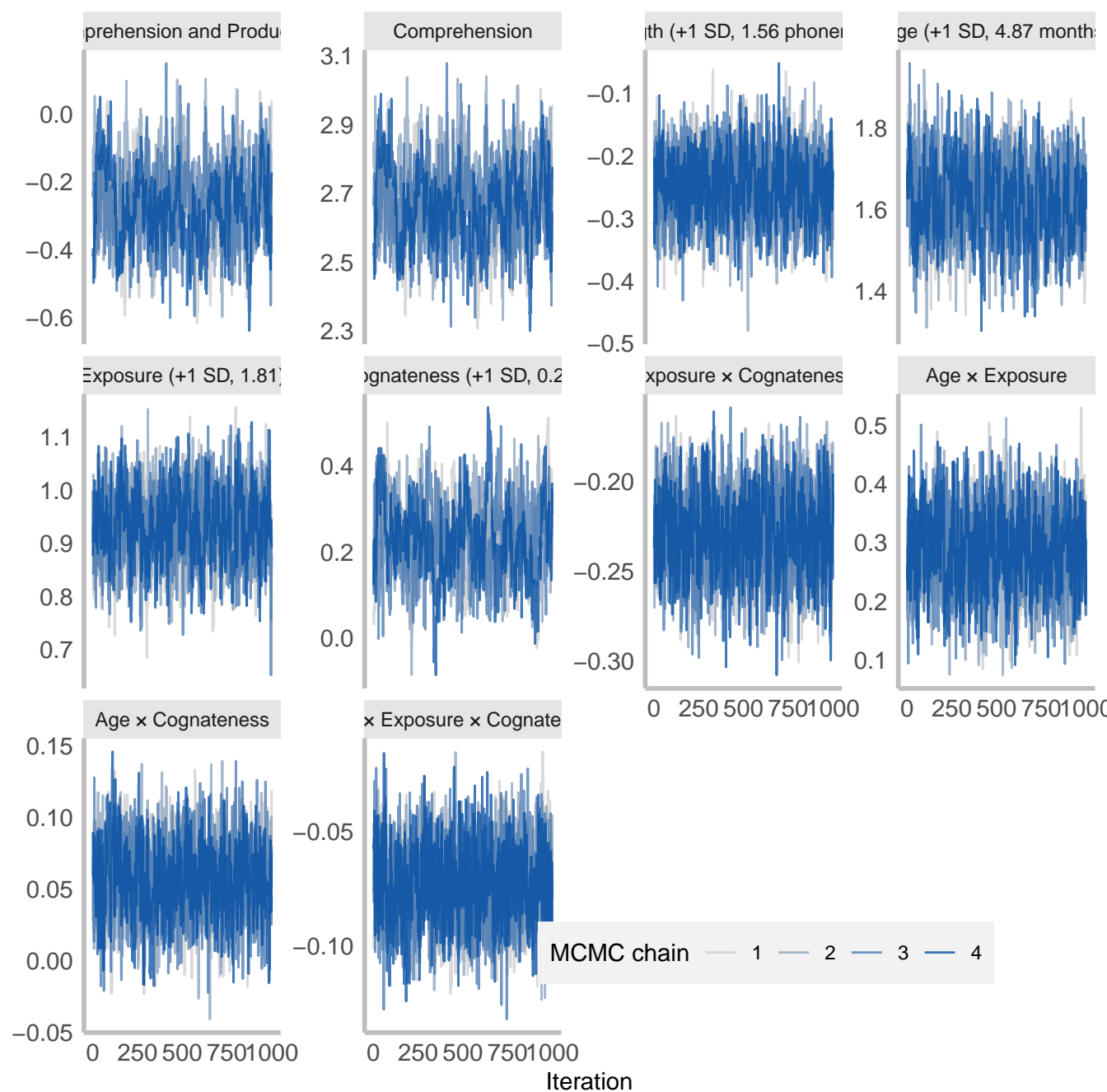


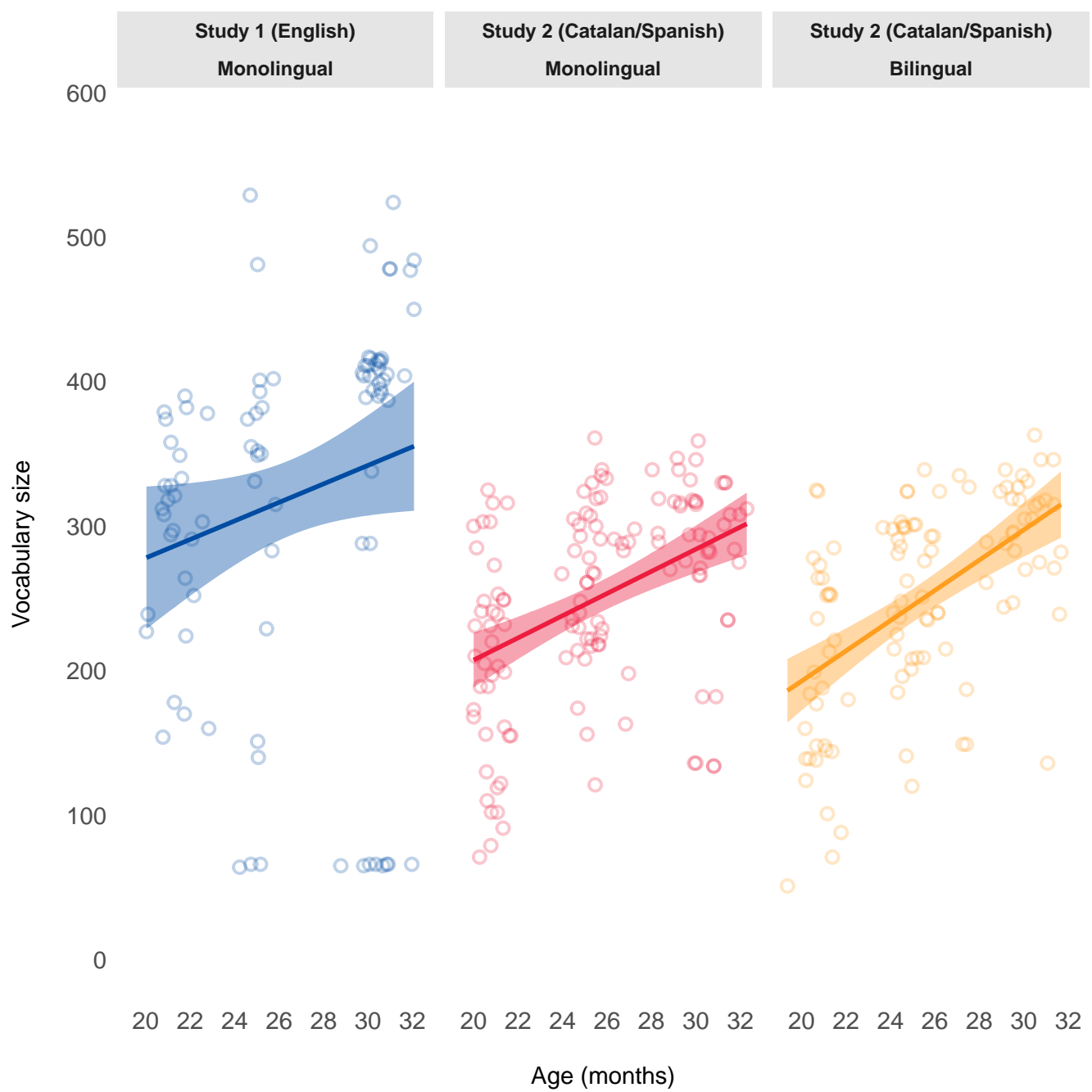
Age x Exposure x Cognateness



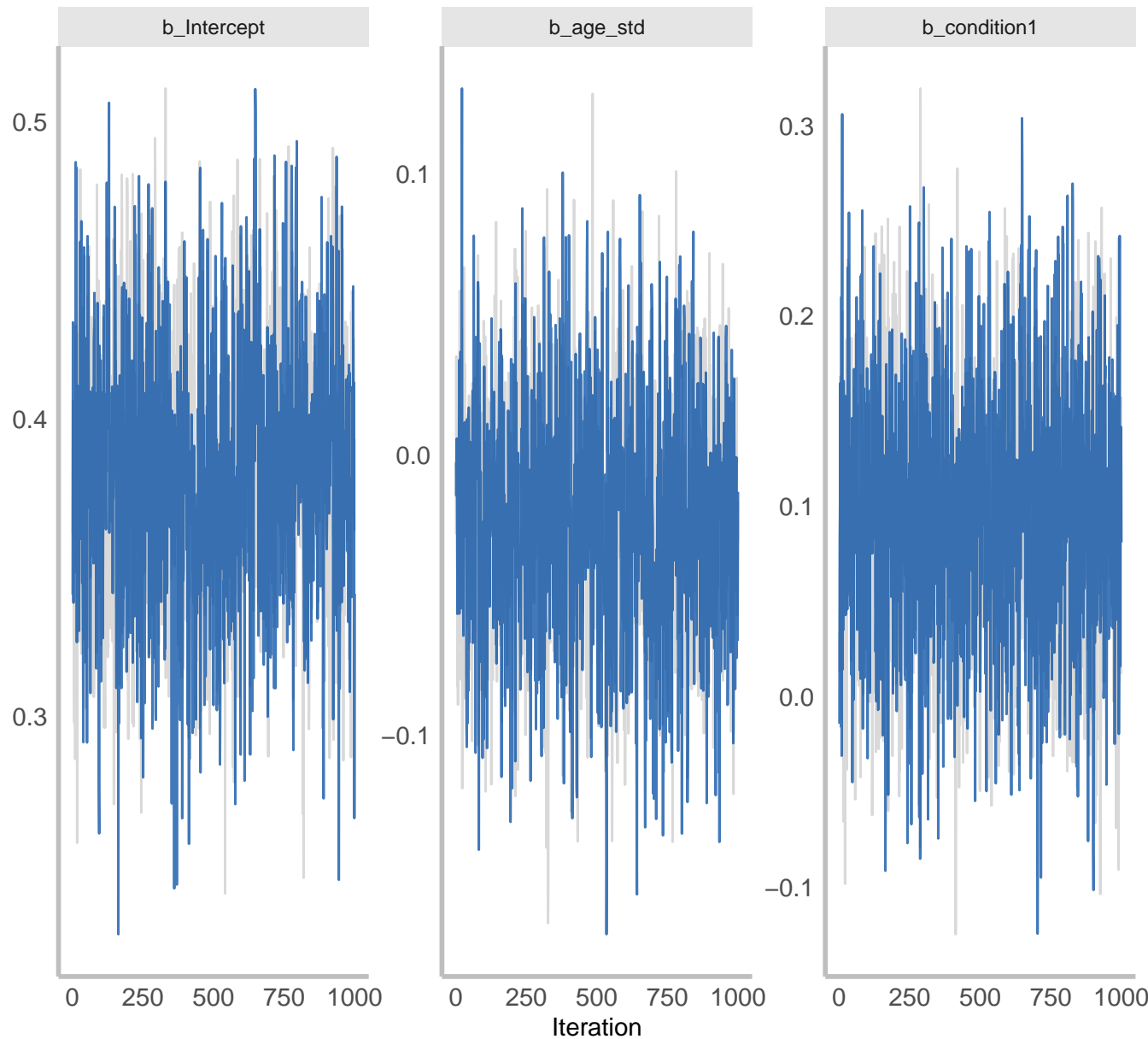
-0.2 0.0 0.2 0.4 0.6

Change in acquisition probability





MCMC chain — 1 — 2



MCMC chain 1 2

