

Supplementary Material

A recurrent cortical model can parsimoniously explain the effect of expectations on sensory processes

Buse M. Urgan^{1,2}, Huseyin Boyaci^{1,2,3,4}

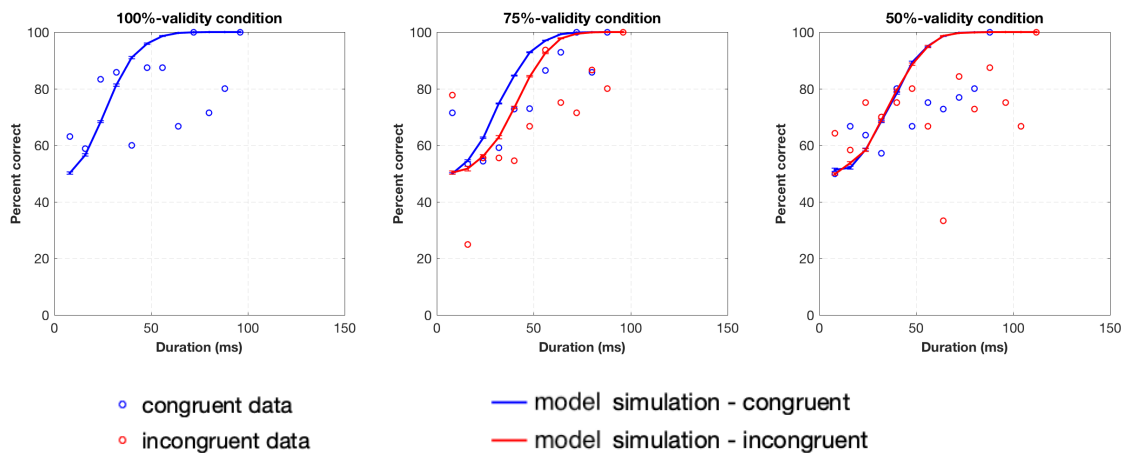
¹ Interdisciplinary Neuroscience Program, Bilkent University, Ankara, Turkey

² Aysel Sabuncu Brain Research Center & National Magnetic Resonance Research Center (UMRAM), Bilkent University, Ankara, Turkey

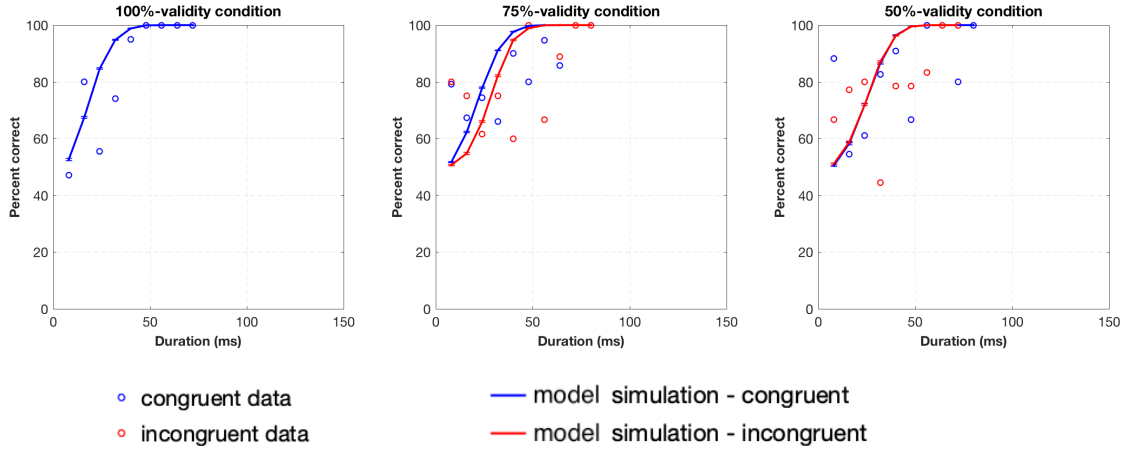
³ Department of Psychology, Bilkent University, Ankara, Turkey

⁴ Department of Psychology, Justus Liebig University Giessen, Giessen, Germany

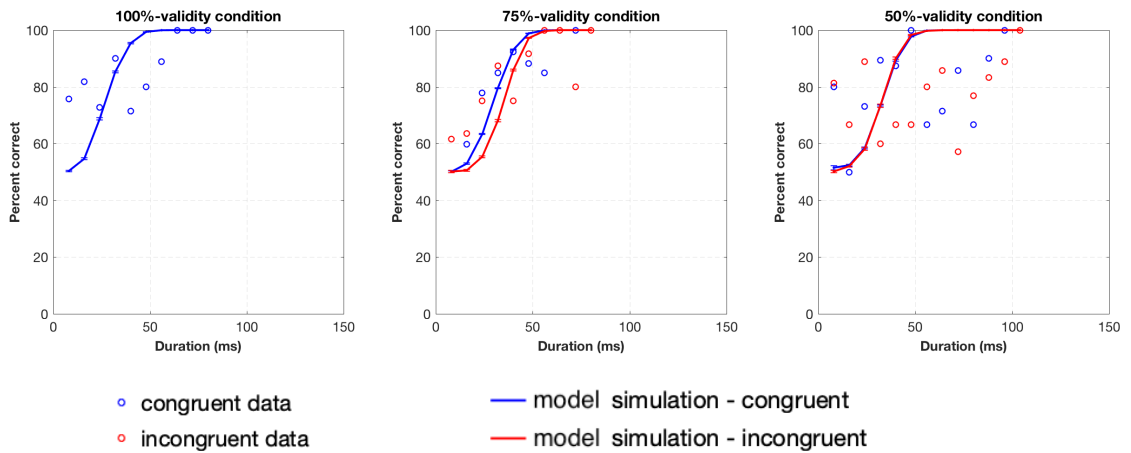
Supplementary Figures



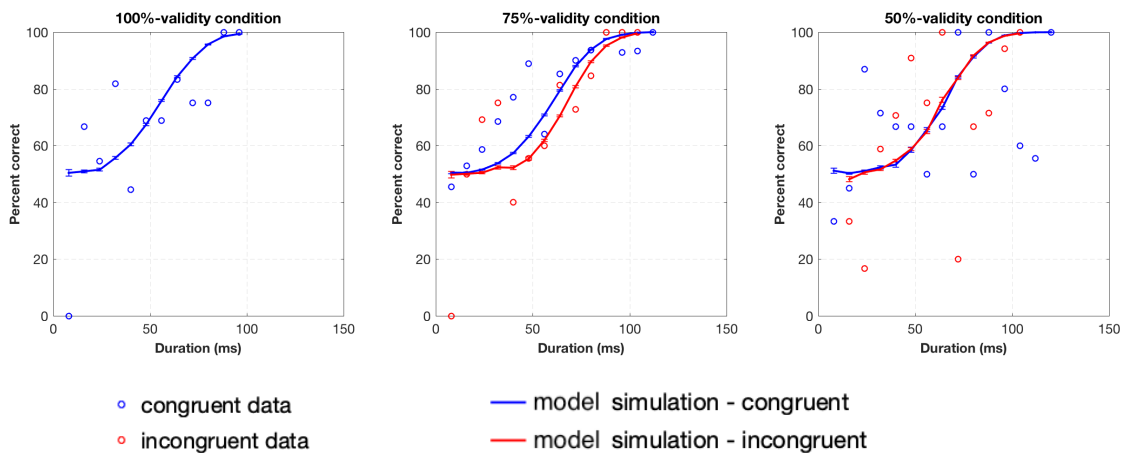
Supplementary Figure 1: Cortical model simulations for a single participant (1). Error bars are twice the standard error.



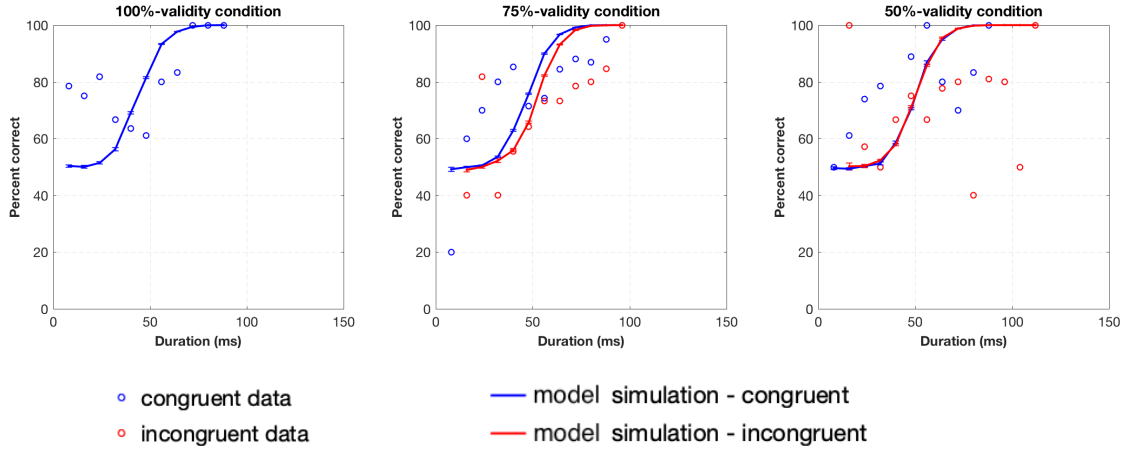
Supplementary Figure 2: **Cortical model simulations for a single participant (2).** Error bars are twice the standard error.



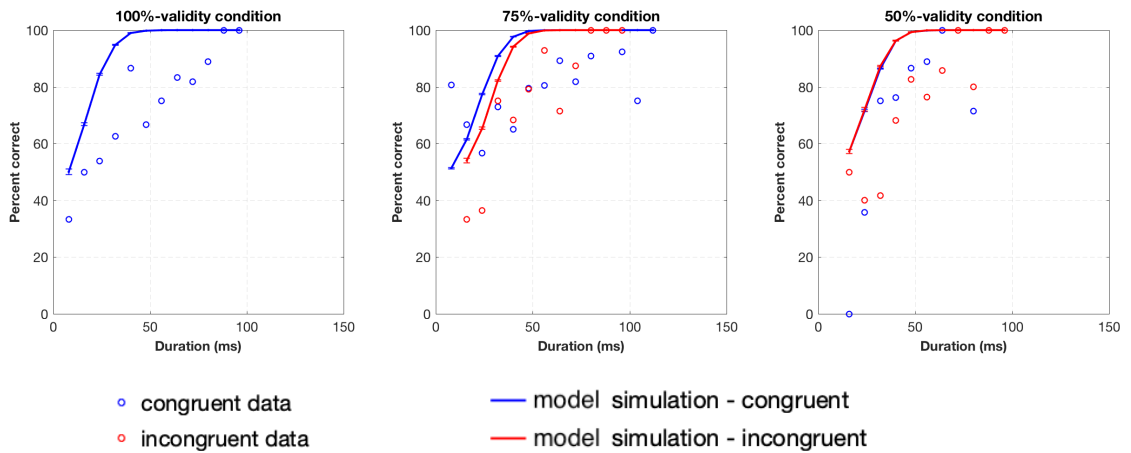
Supplementary Figure 3: **Cortical model simulations for a single participant (3).** Error bars are twice the standard error.



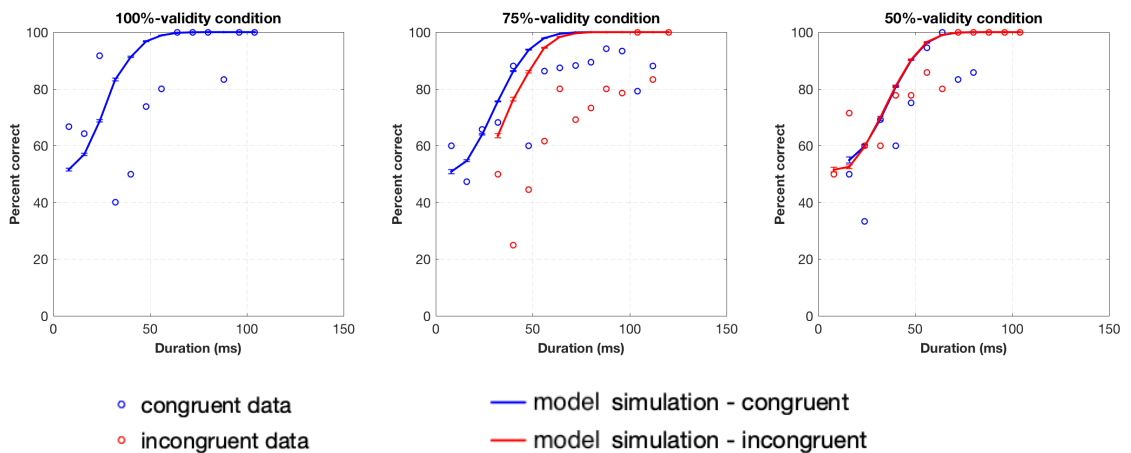
Supplementary Figure 4: **Cortical model simulations for a single participant (4).** Error bars are twice the standard error.



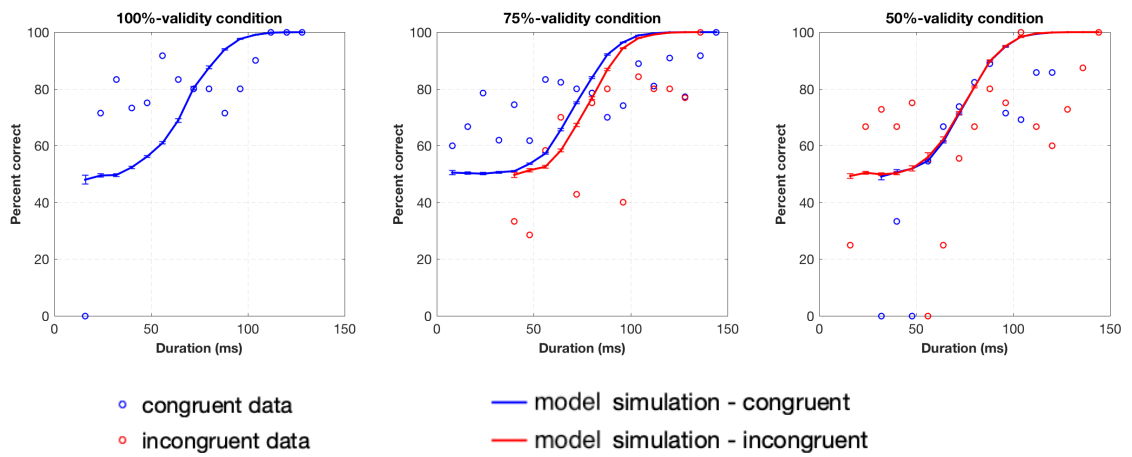
Supplementary Figure 5: **Cortical model simulations for a single participant (5).** Error bars are twice the standard error.



Supplementary Figure 6: **Cortical model simulations for a single participant (6).** Error bars are twice the standard error.



Supplementary Figure 7: **Cortical model simulations for a single participant (7).** Error bars are twice the standard error.



Supplementary Figure 8: **Cortical model simulations for a single participant (8).** Error bars are twice the standard error.