

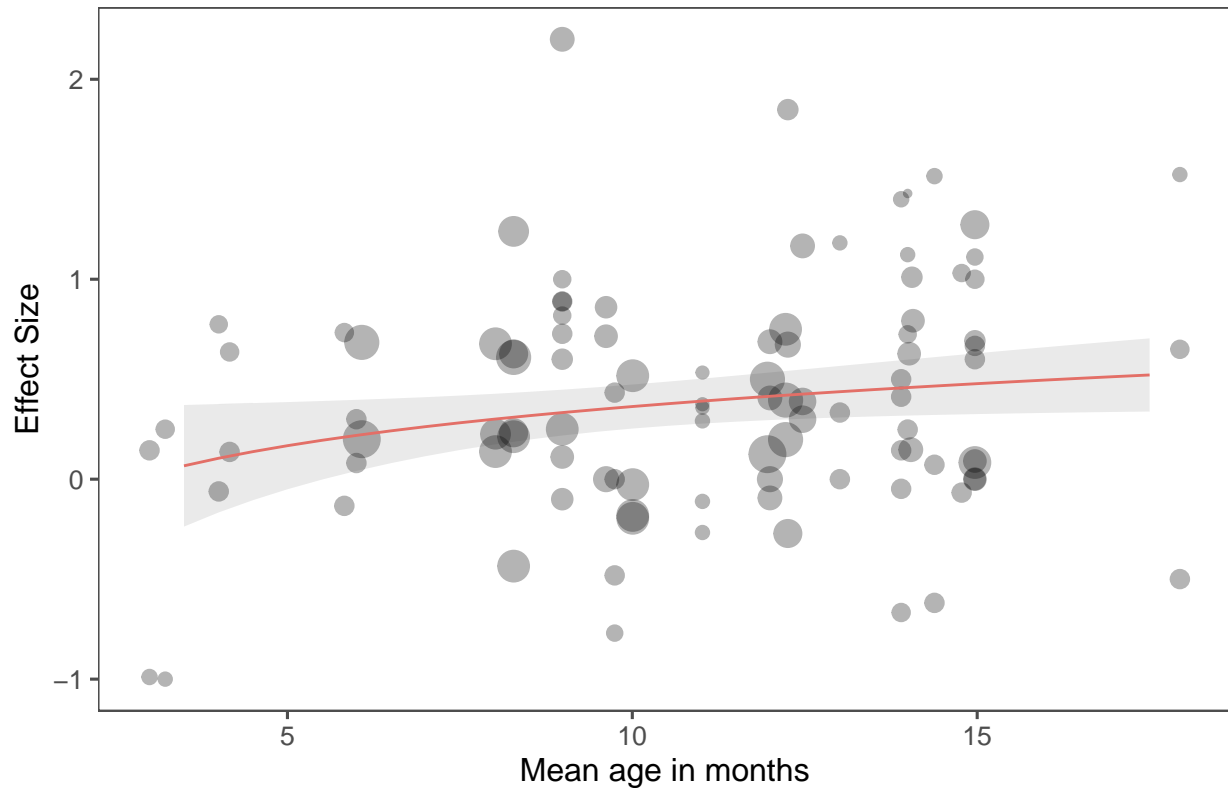
A synthesis of early cognitive and language development using (meta-)meta-analysis Supplementary Information

Anjie Cao, Molly Lewis, and Michael Frank

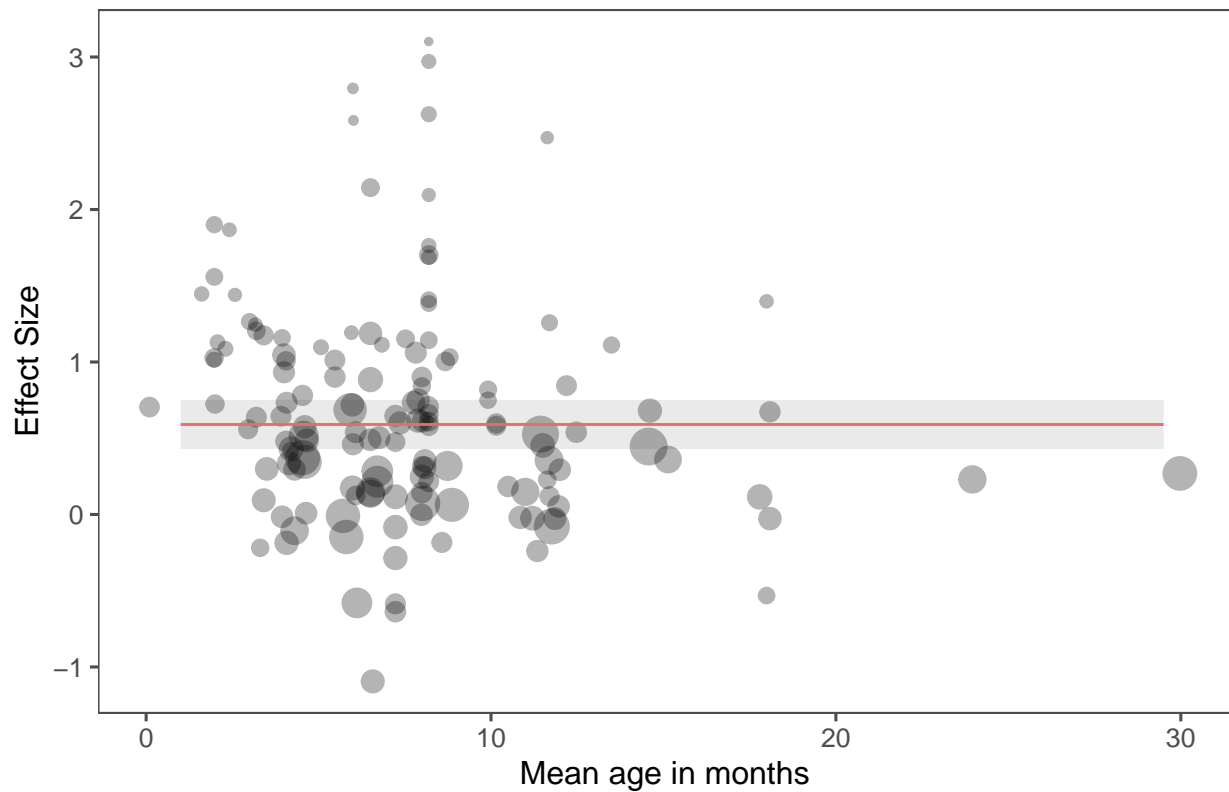
2023-01-26

Each figure shows the dataset from one domain. X-axis is mean age in months. Y-axis is effect size (Cohen's d). Each dot on each figure represents one effect size, with the size denoting the precision of the estimated effect size. The red line represents the predicted value from the best-fitting model, and the shaded area represents the 95% confidence interval.

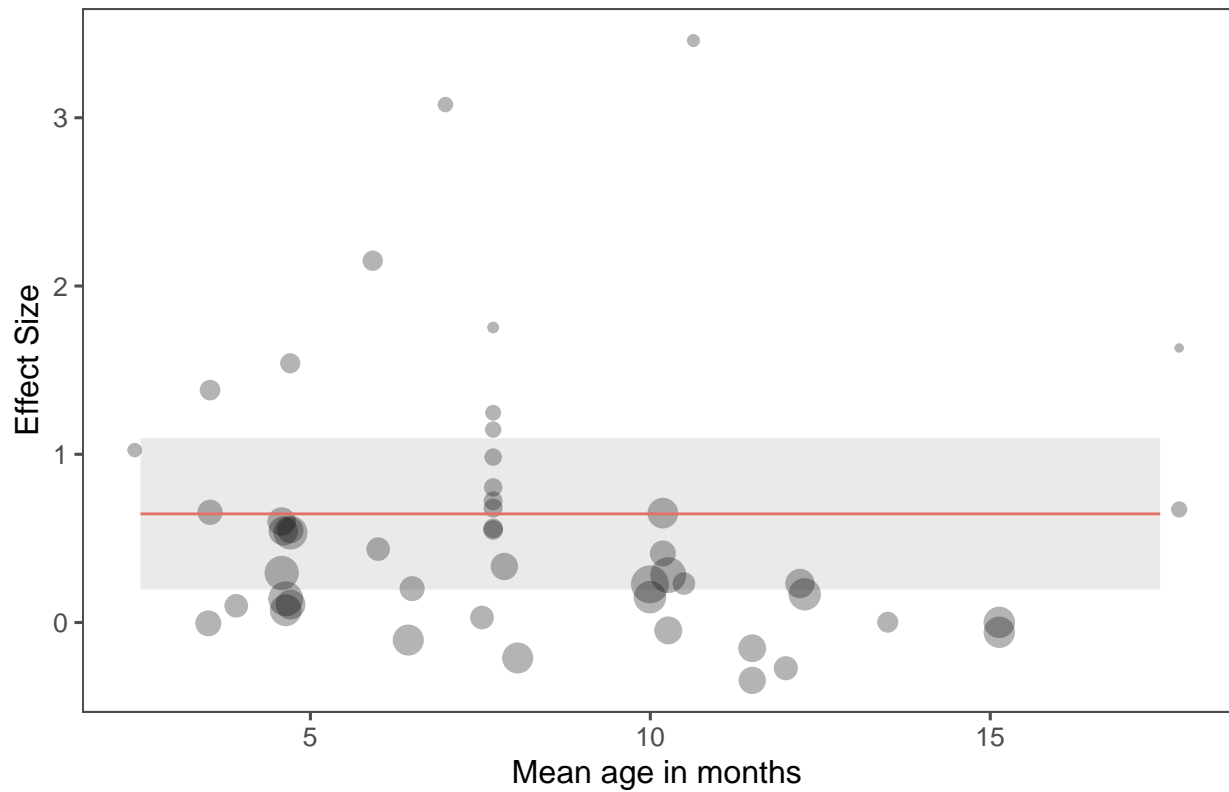
Label advantage in concept learning



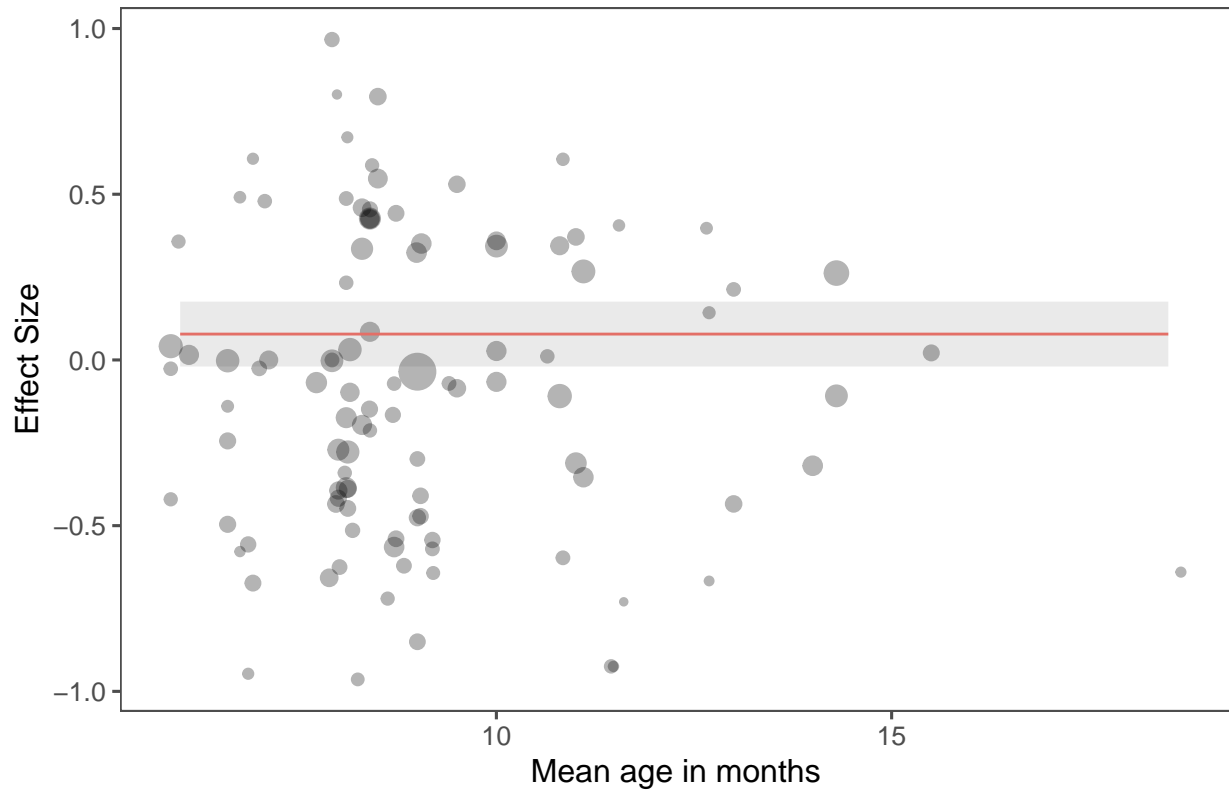
Vowel discrimination (native)



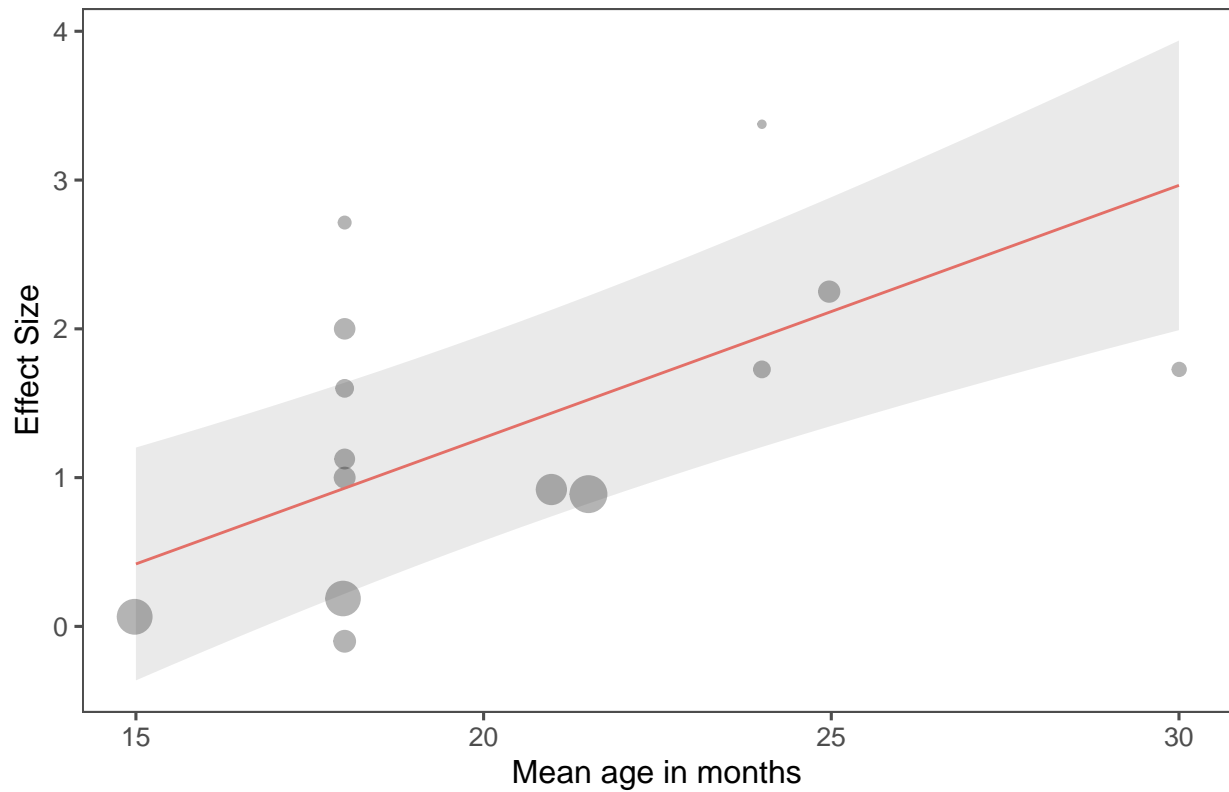
Vowel discrimination (non-native)



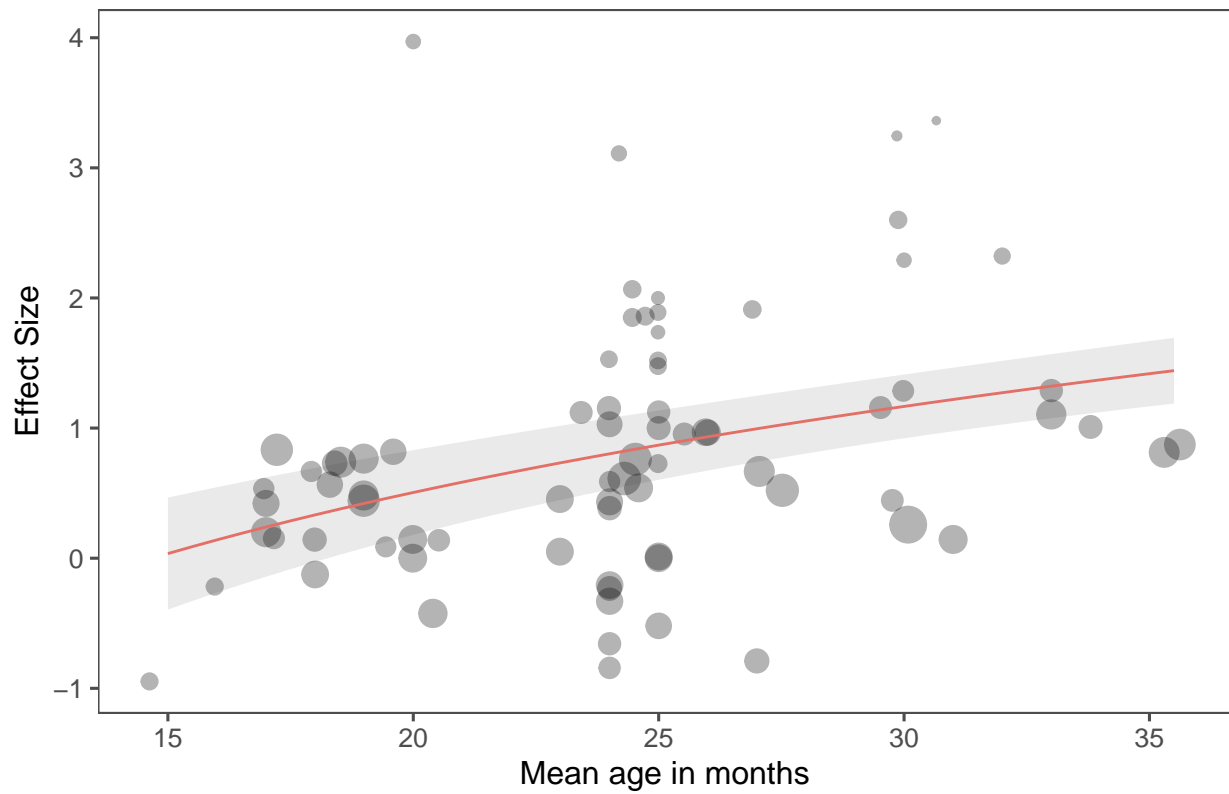
Statistical word segmentation



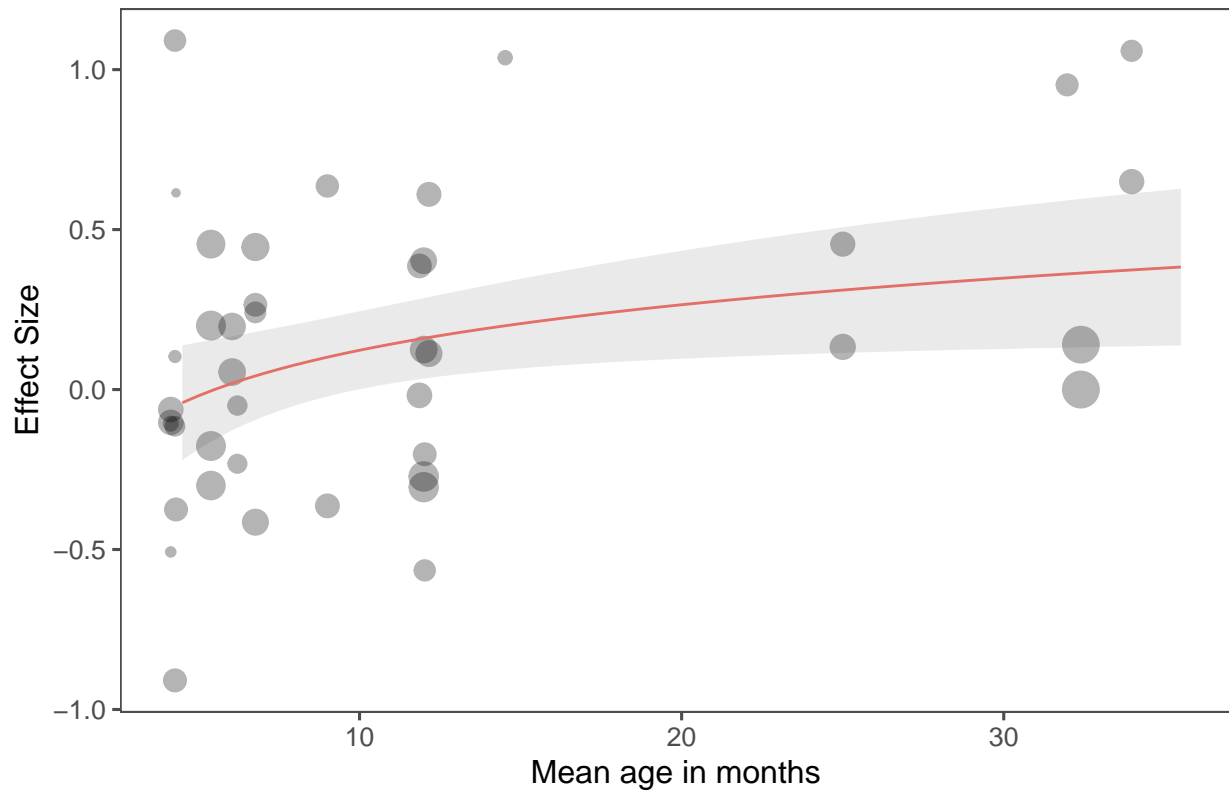
Online word recognition



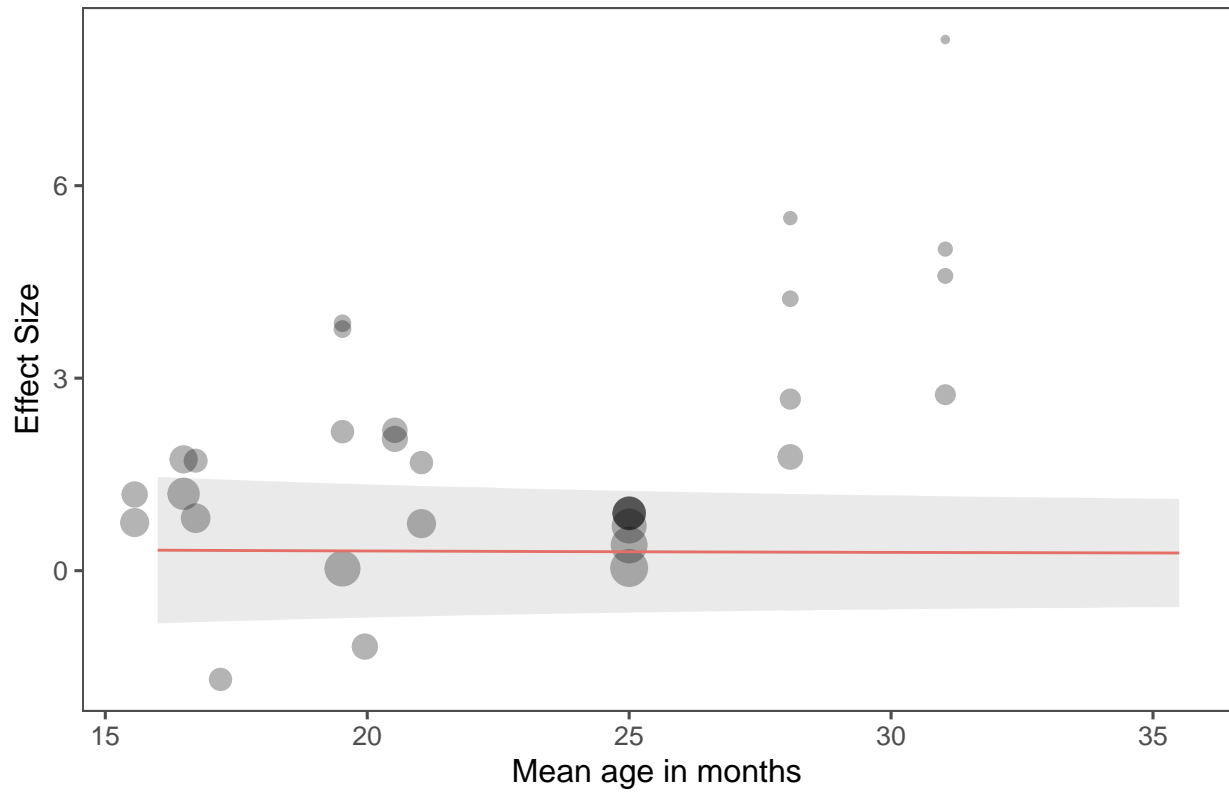
Mutual exclusivity



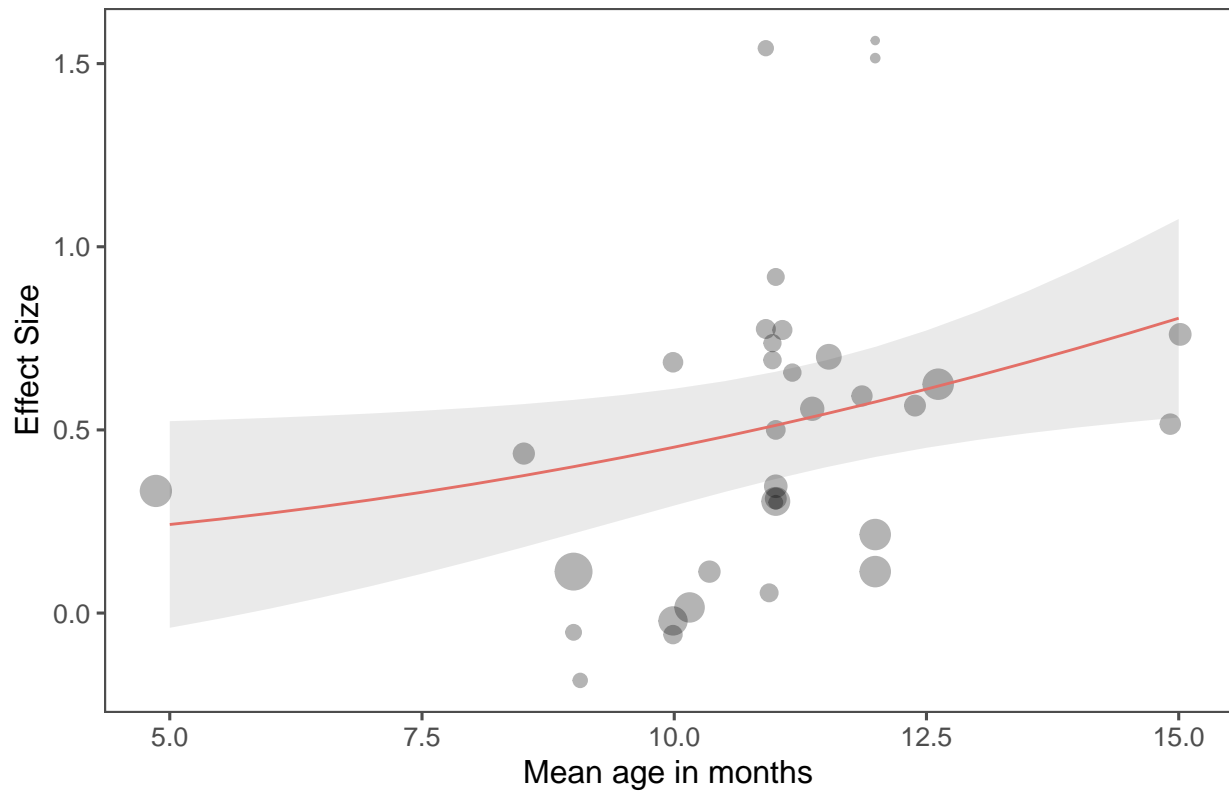
Sound symbolism



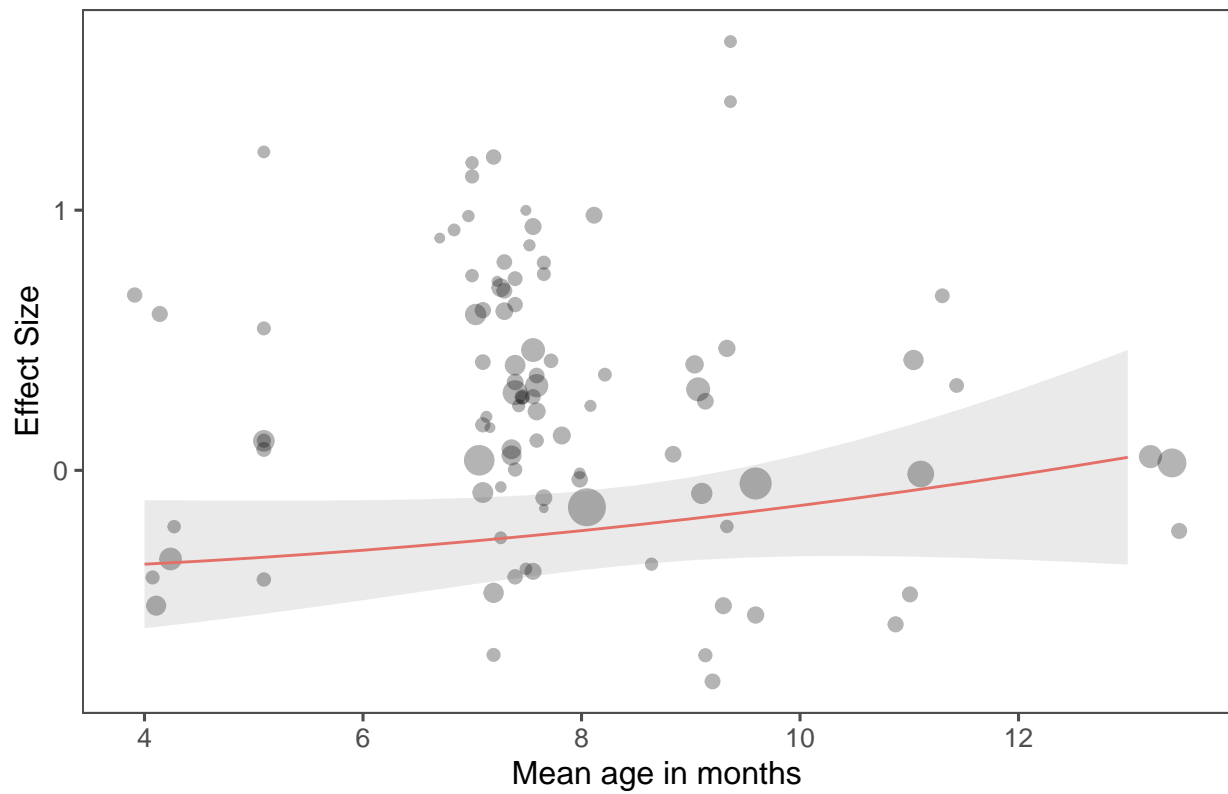
Categorization bias



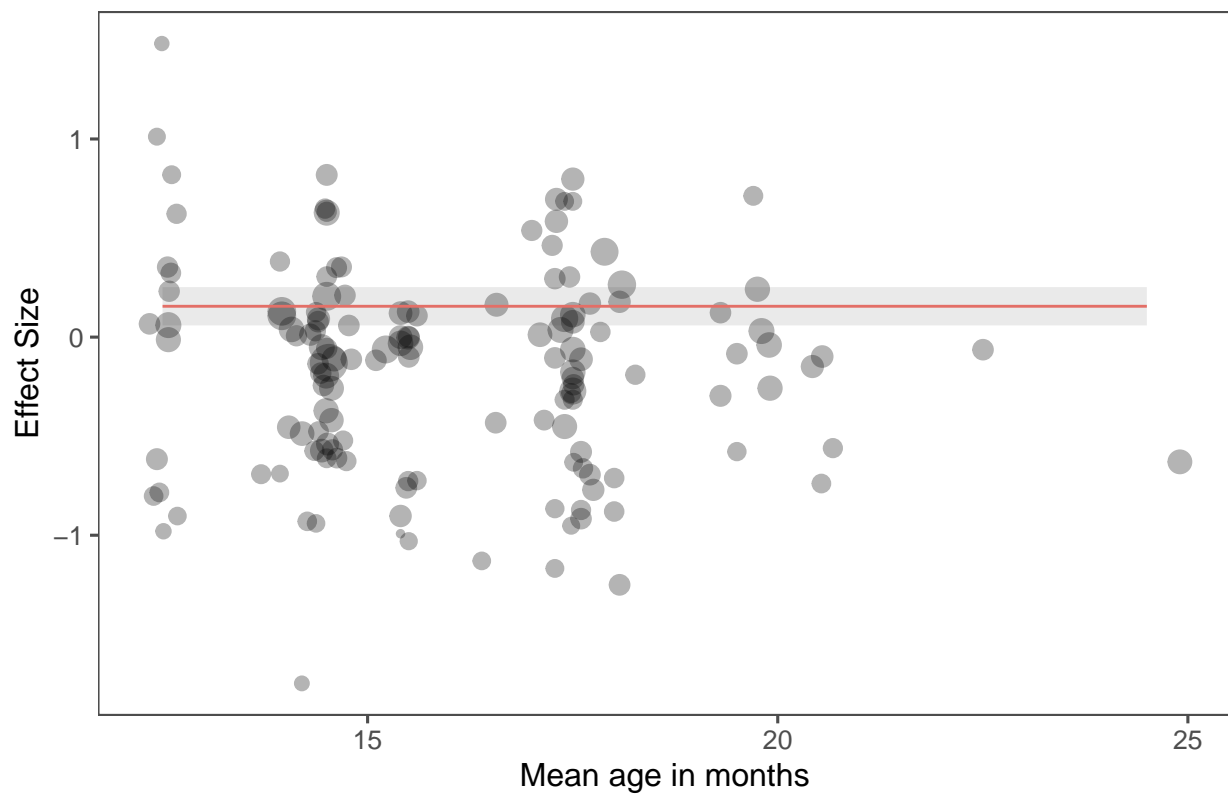
Familiar word recognition



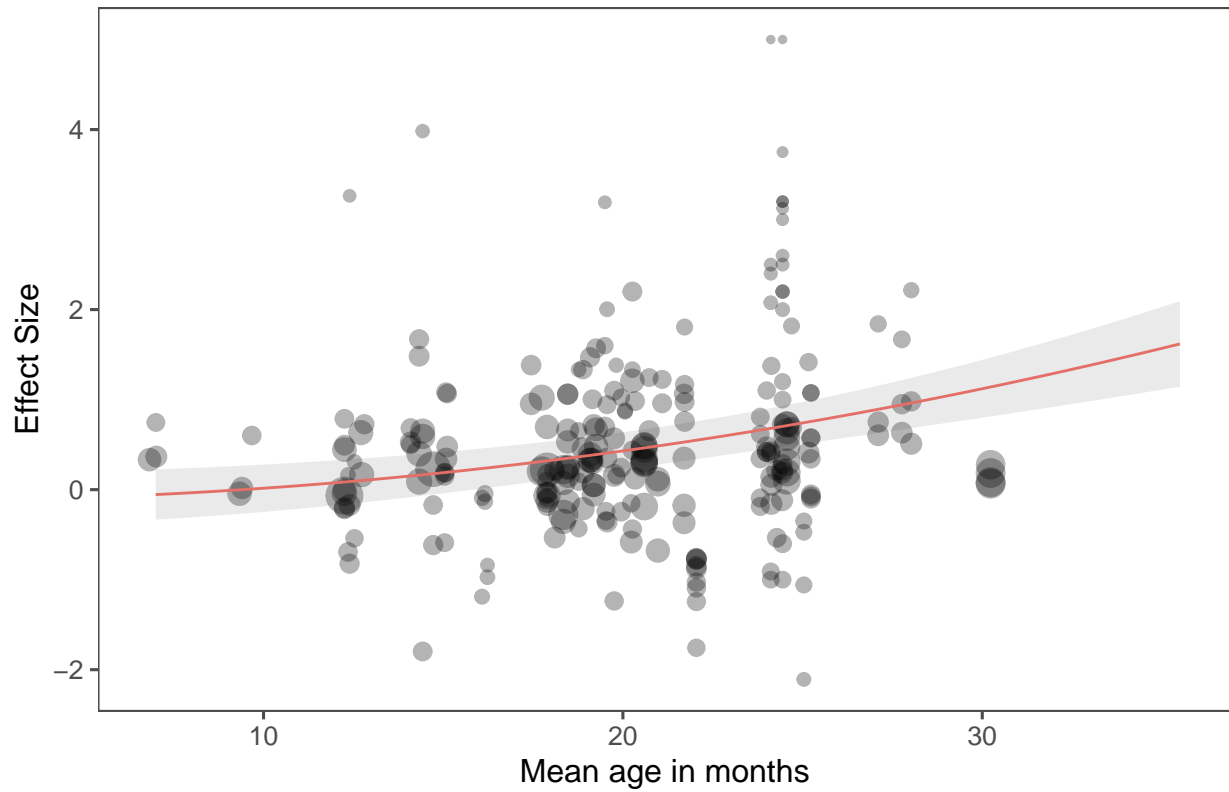
Abstract rule learning



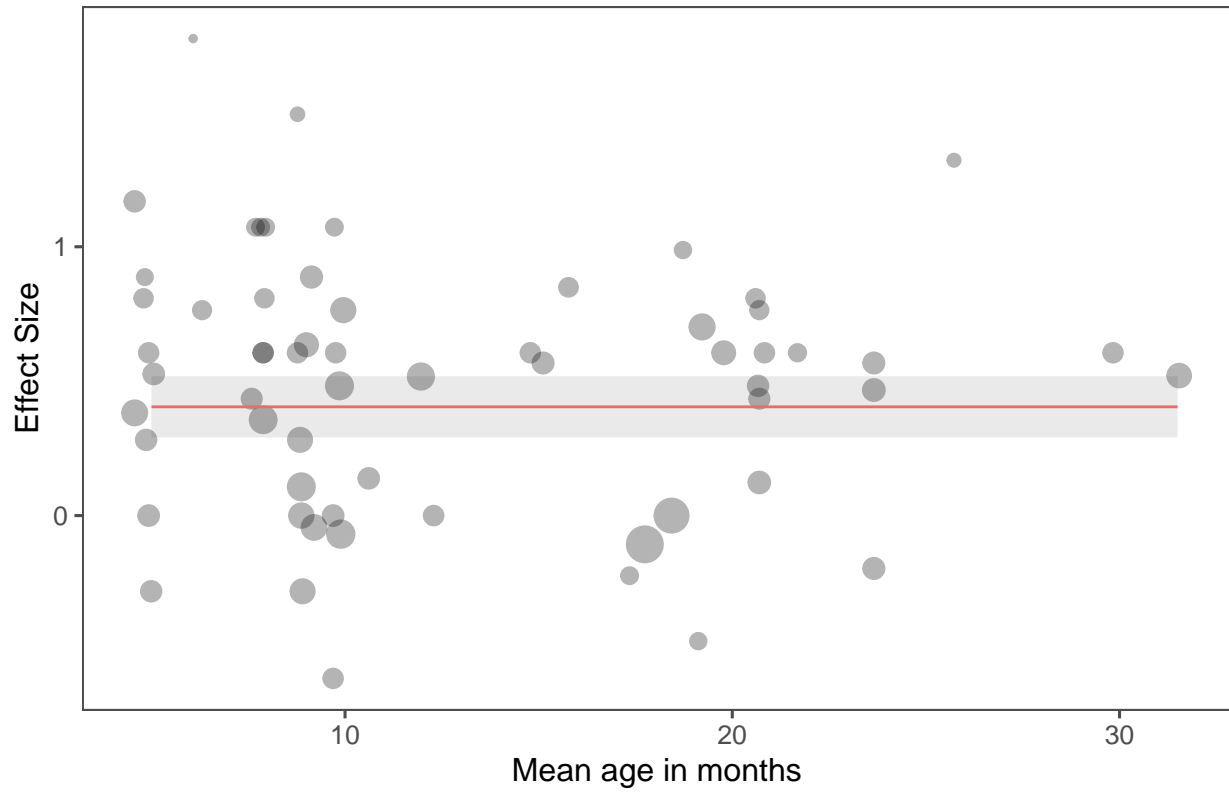
Switch task



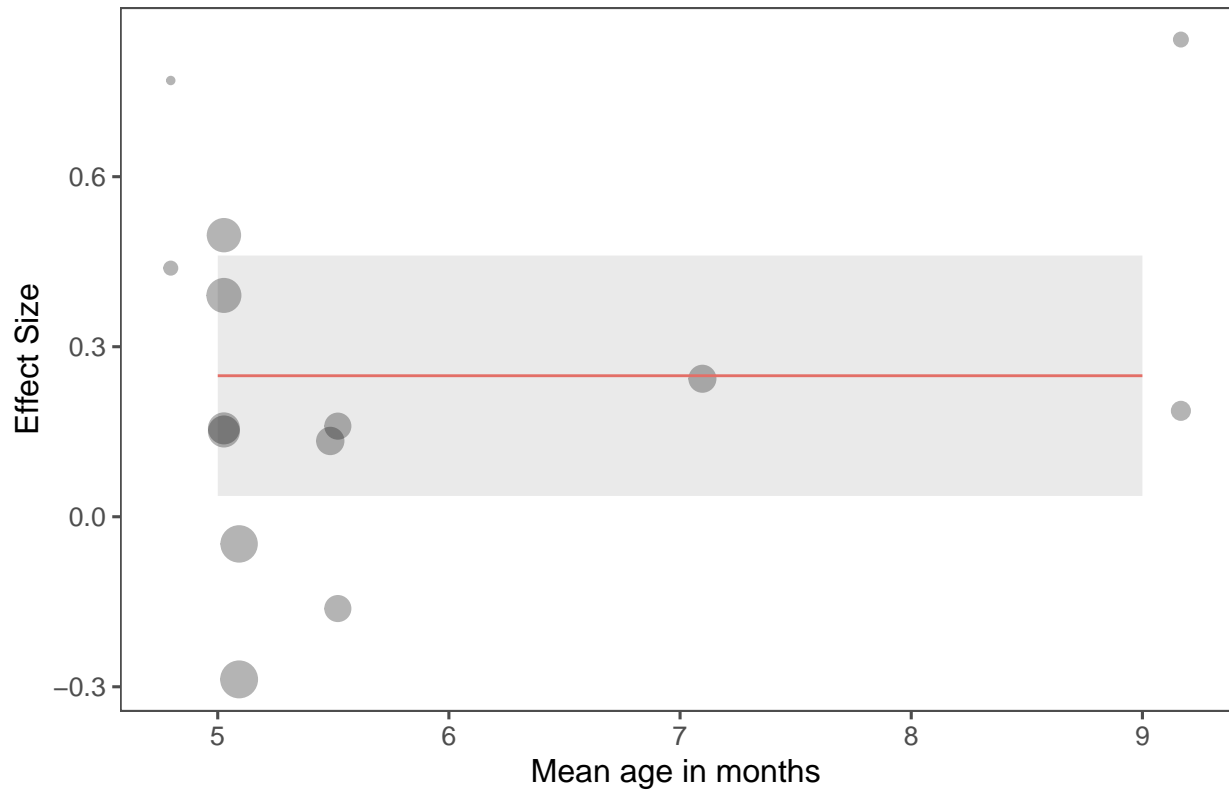
Mispronunciation sensitivity



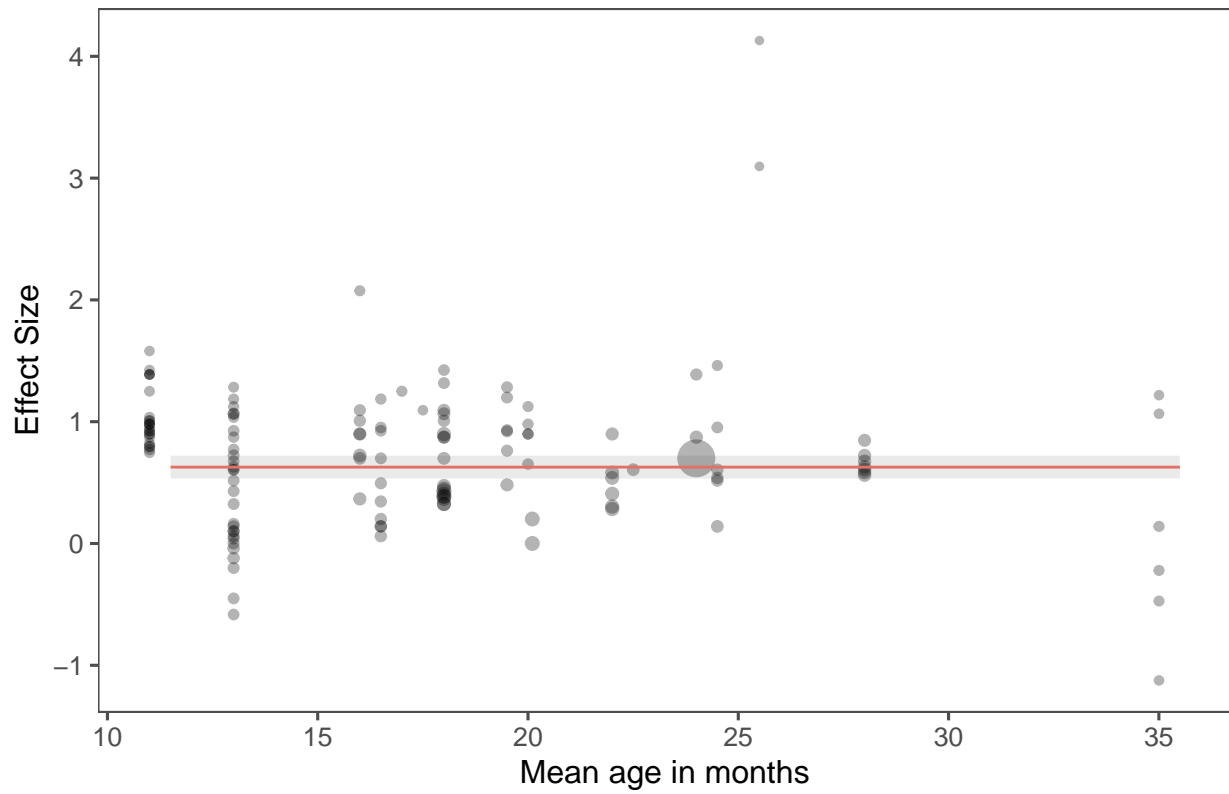
Prosocial agents



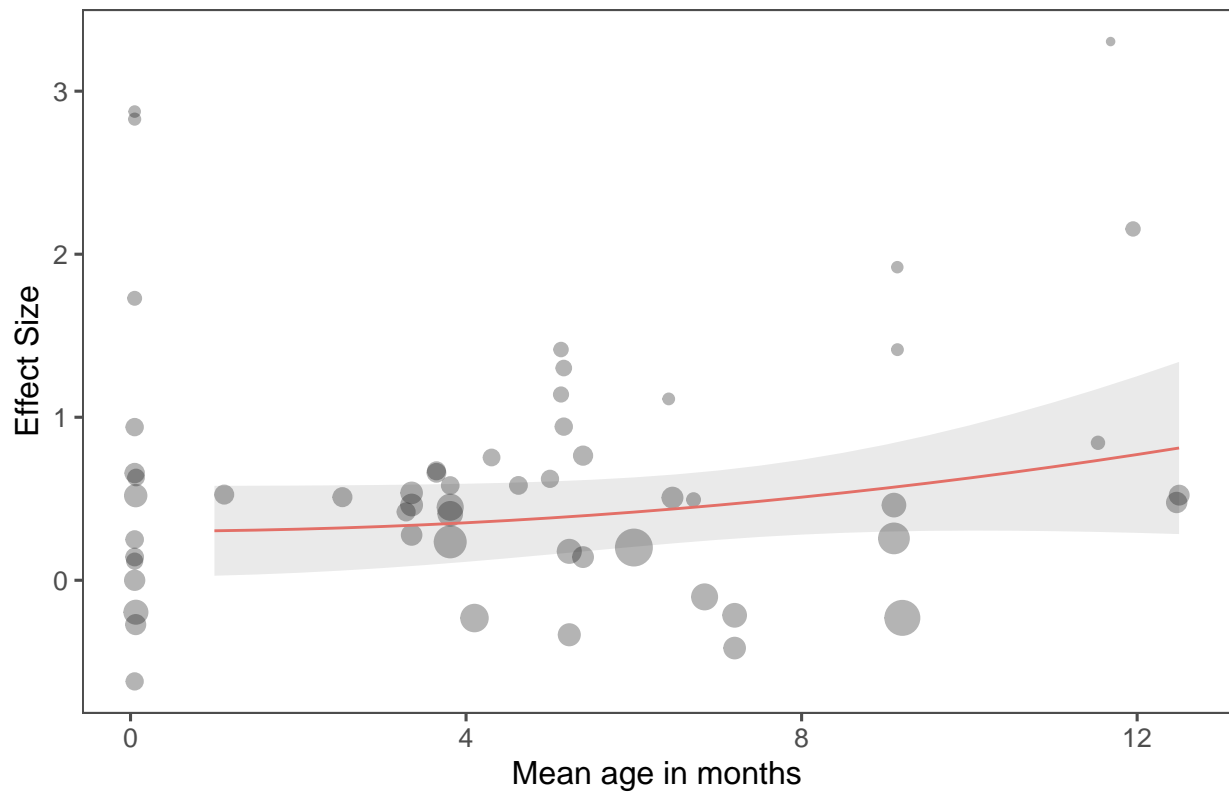
Simple arithmetic competence



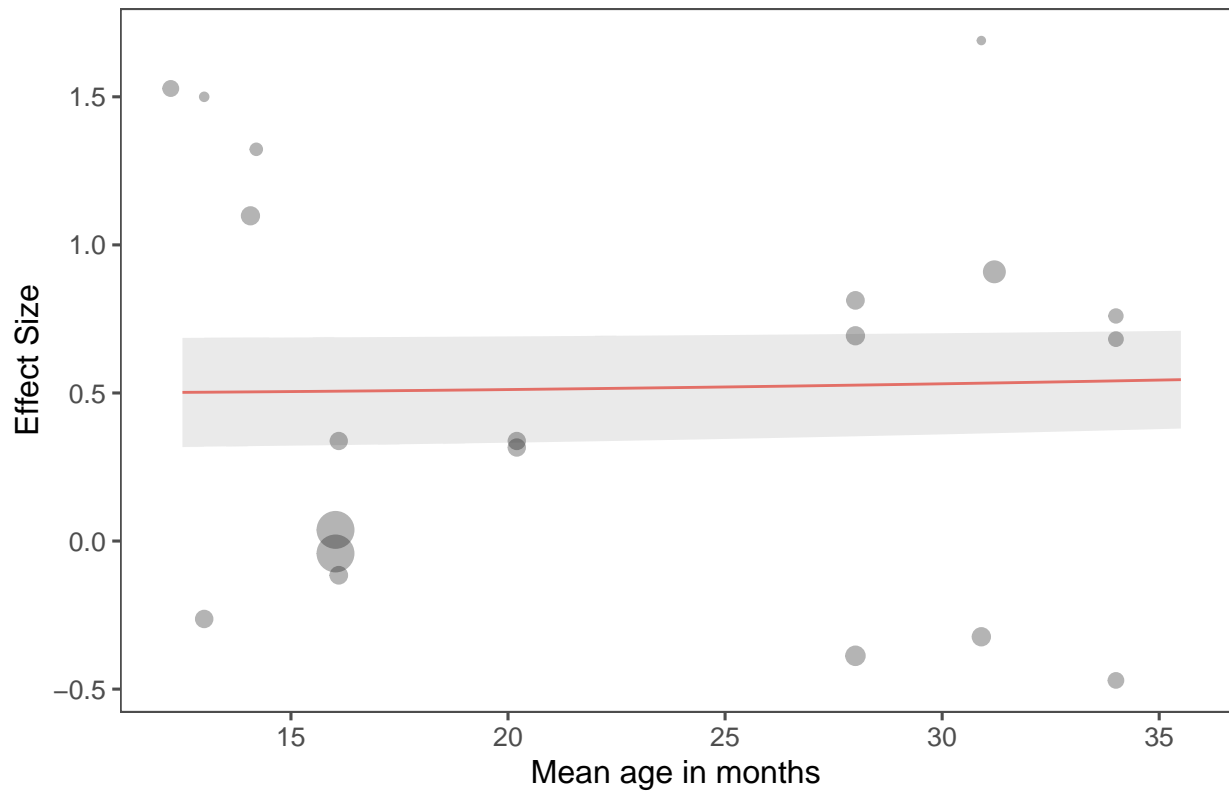
Symbolic play



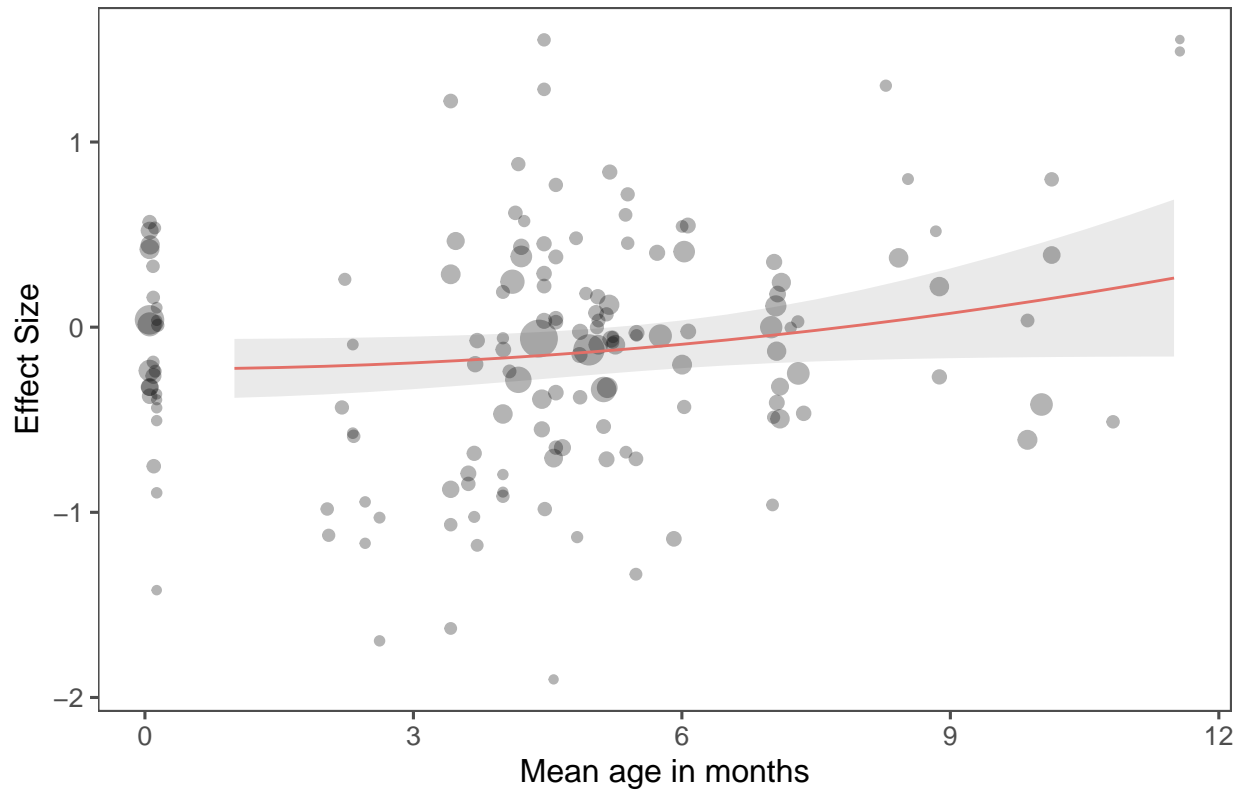
Natural speech preference



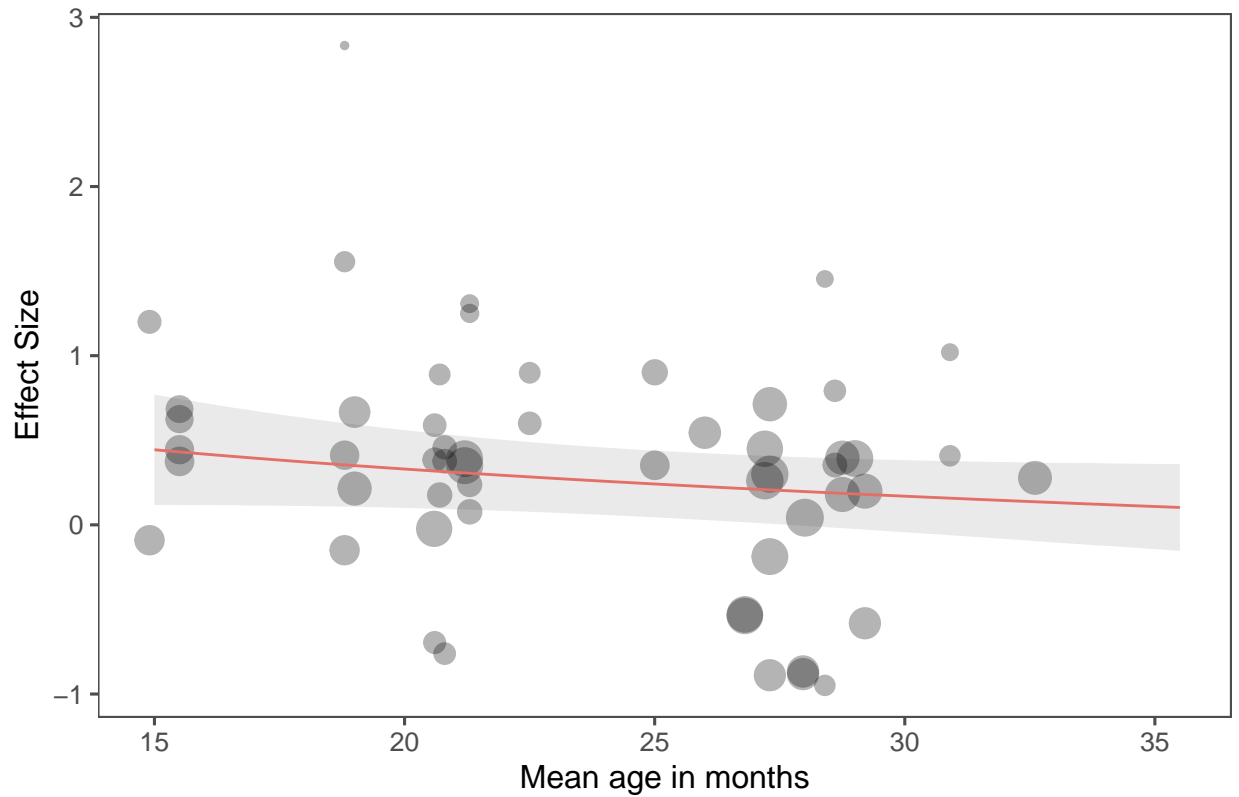
Cross-situational word learning



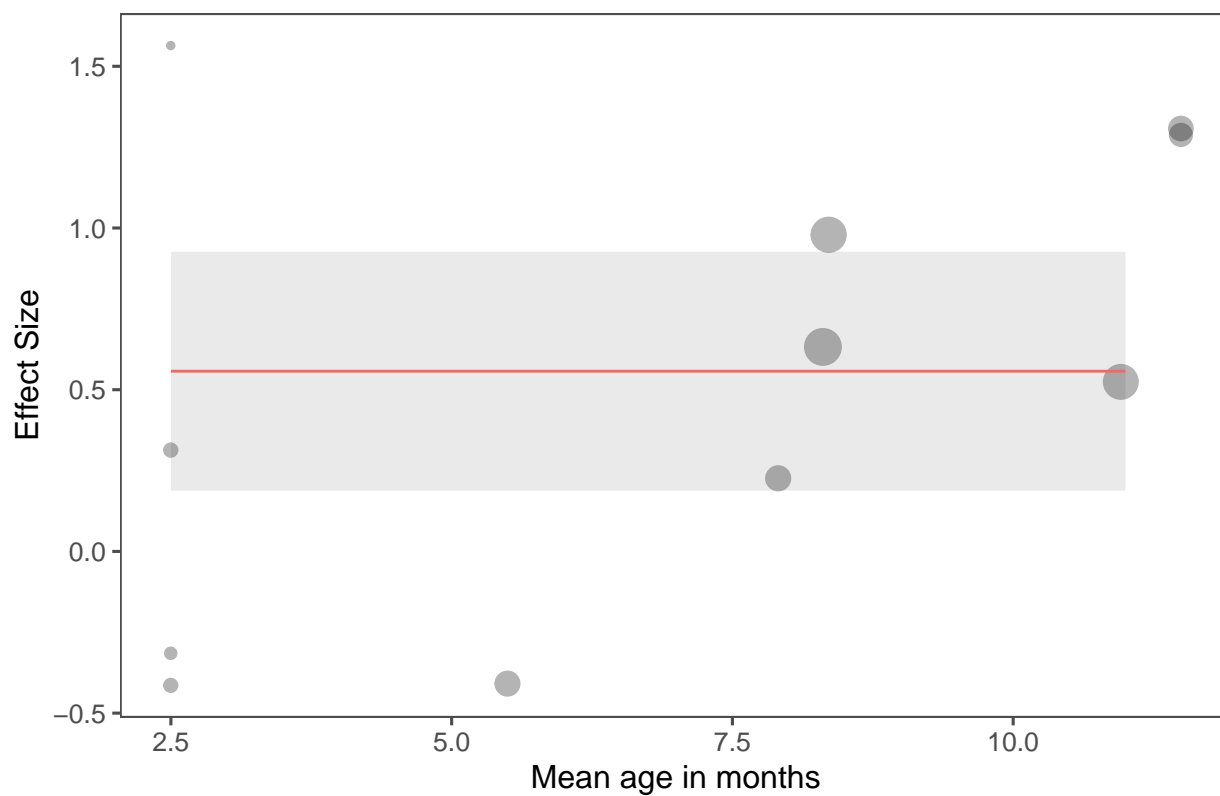
Language discrimination and preference



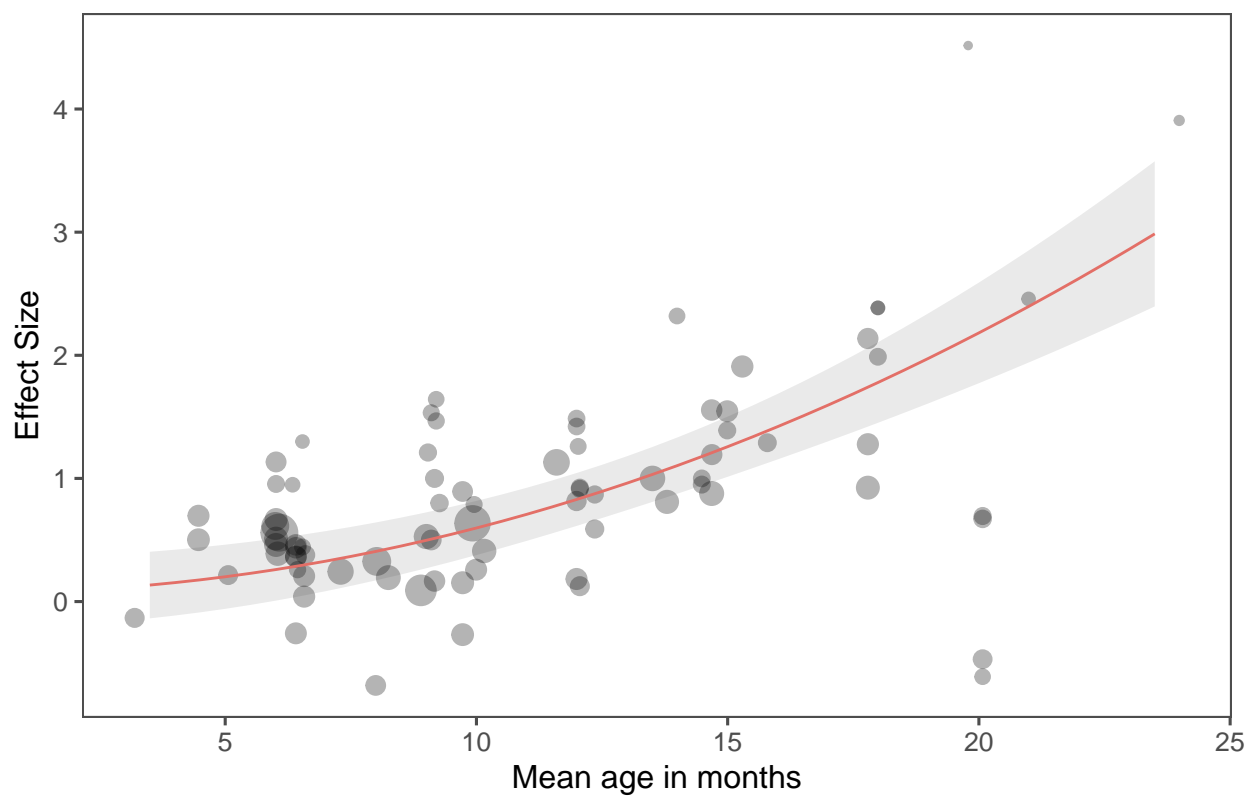
Syntactic bootstrapping

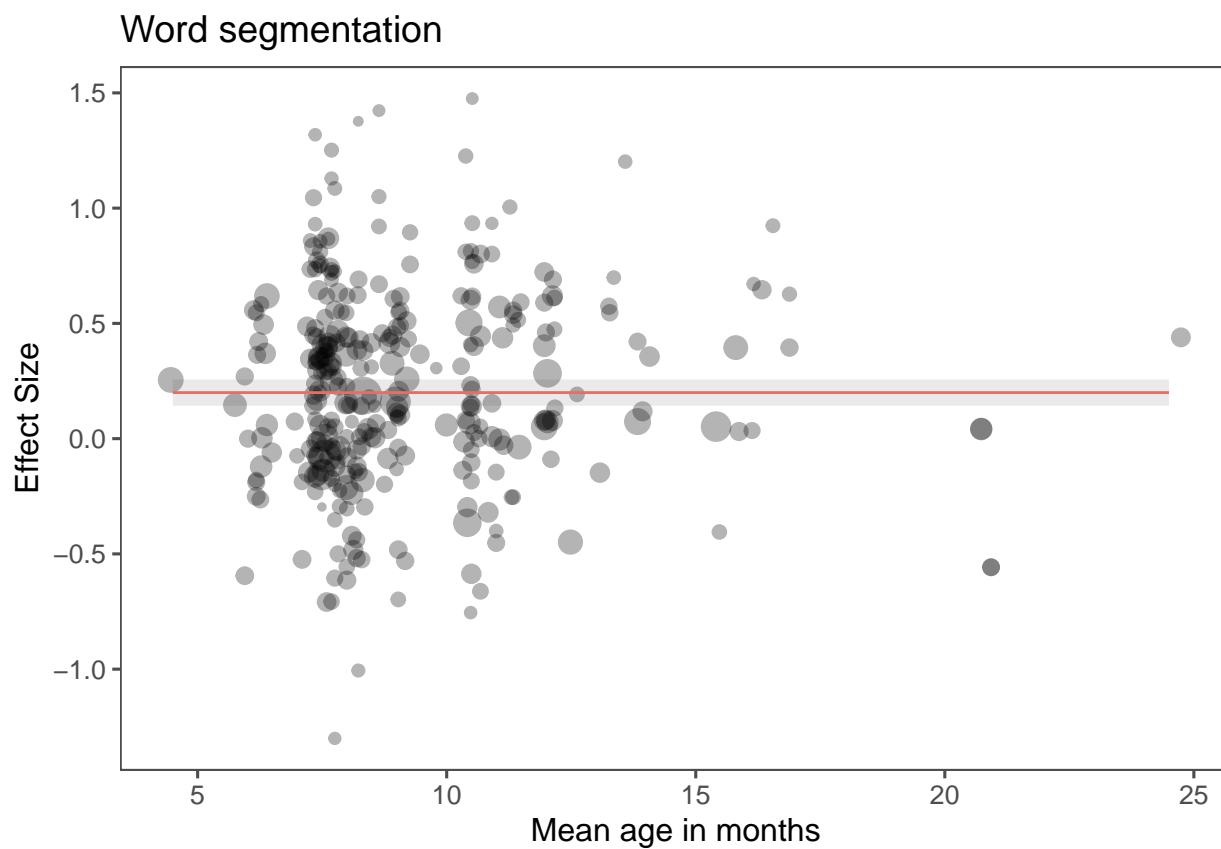


Statistical sound category learning



Gaze following





Warning: Removed 36 rows containing missing values (geom_point).

Infant directed speech preference

