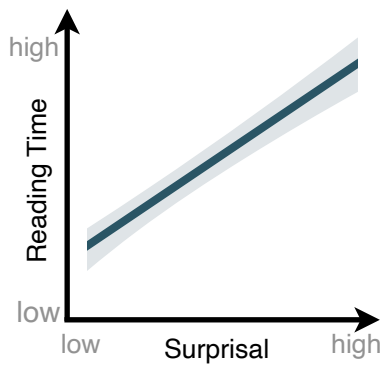
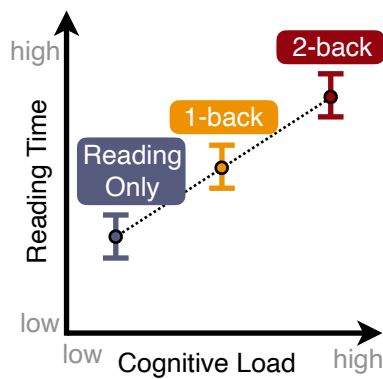


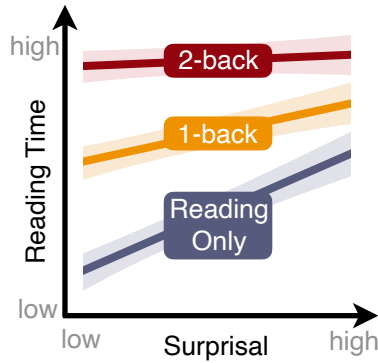
a Reading Time Increases With Increasing Surprisal



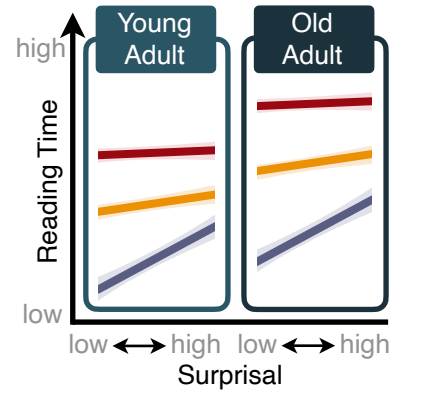
b Reading Time Increases With Increasing Cognitive Load



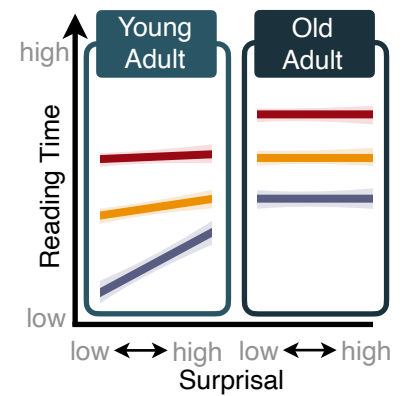
c Surprisal Effect Is Modulated by Cognitive Load

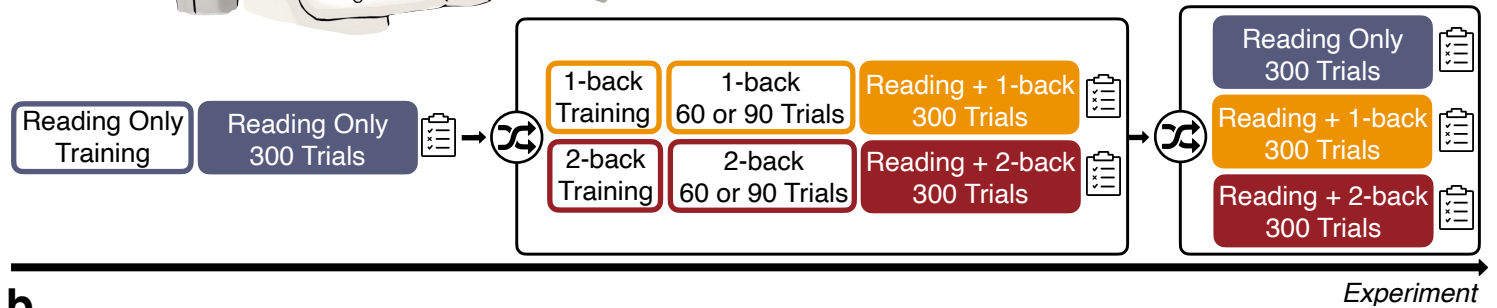
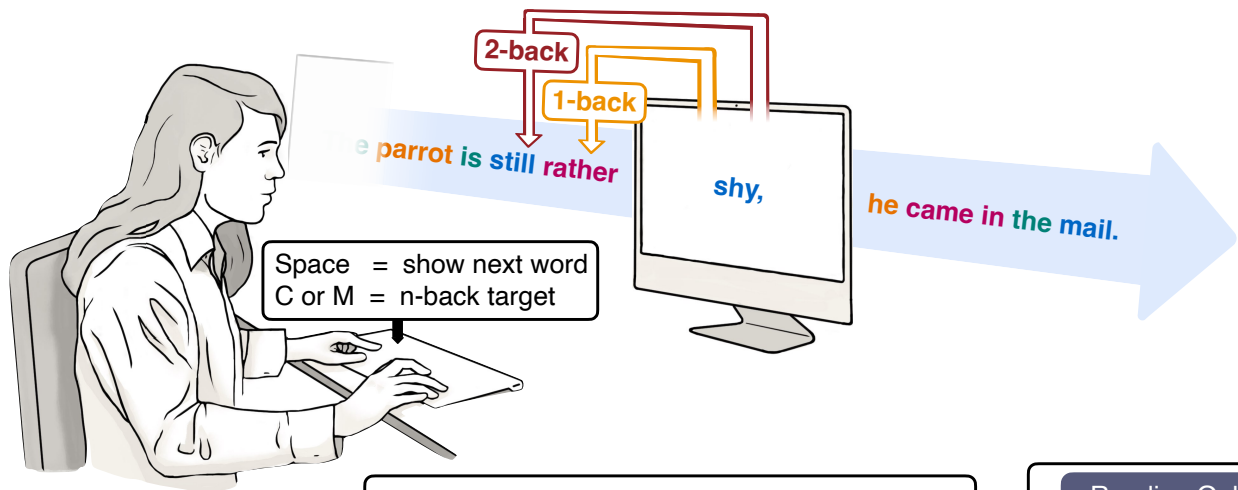
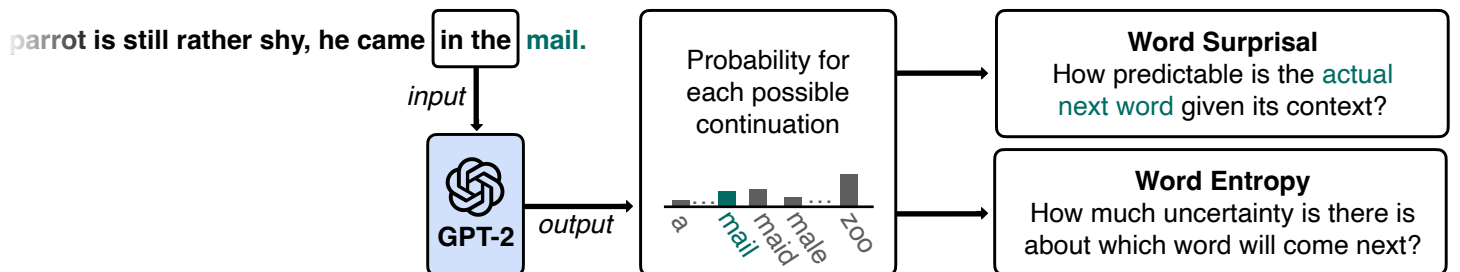


d Effect of Surprisal is Relatively Consistent Across the Adult Life Span

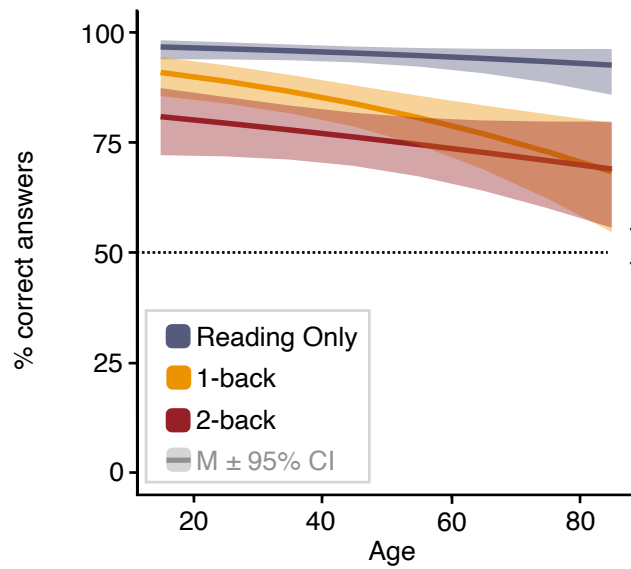


Effect of Surprisal is Diminished In Old Age

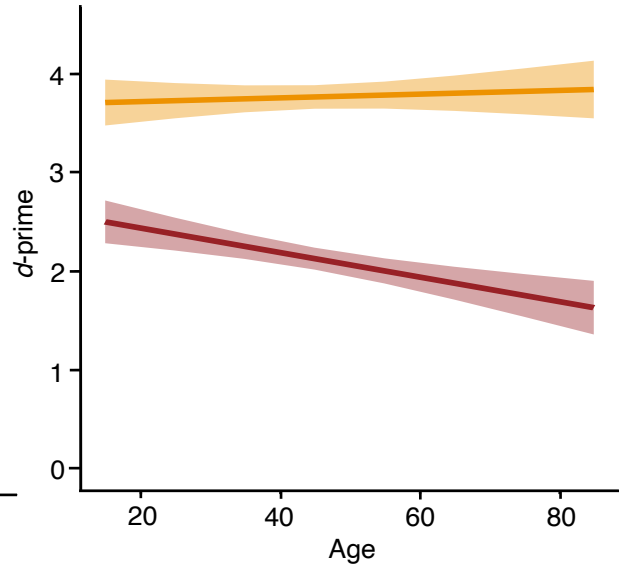


a**b**

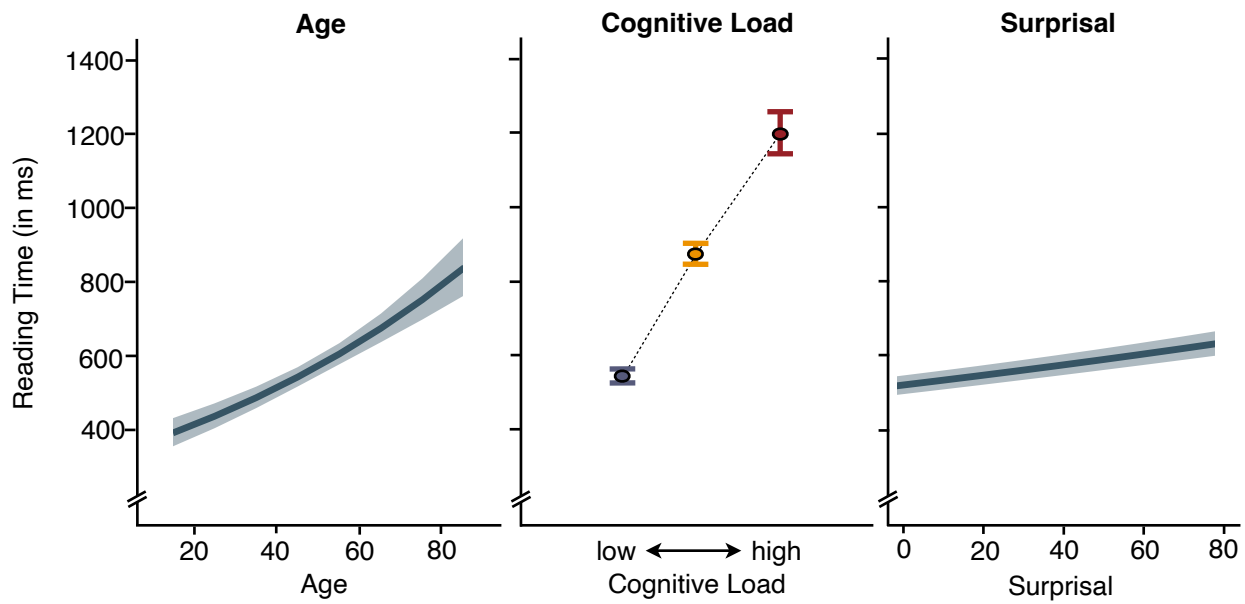
a Effect of age and cognitive load on comprehension question accuracy



b Effect of age and cognitive load on n -back performance



c Effects of age, cognitive load and surprisal on reading times



d 2-way interaction effects of cognitive load, age and surprisal on reading times

