Stroop Task

Title	Stroop Task
Domain	Self-Regulation
Type	Behavioral
Duration (min)	8
Description	Color words ("red", "blue") are presented in different ink colors. Subjects are required to indicate the ink color of the word.
OSF Link	https://osf.io/br2c9/
Adult/Child	adult
Computerized	
Identified	1
Identified Description	Goals often diverge from natural, automatic tendencies, and the Stroop task is a seminal and robust measure of this ability to overcome automatic tendencies to respond in accordance with current goals, thought to be an essential component of self-regulation. On each trial, a color word (e.g., “red”, “blue”) is presented in one of multiple ink colors. Subjects are instructed to respond based upon the ink color of the word, not the identity of the word itself. When the color and the word are congruent (e.g., “red” in red ink), the natural tendency to read the word facilitates performance, resulting in fast and accurate responding. When the color and the word are incongruent (e.g., “red” in blue ink), the strong, natural tendency to read must be overcome to respond to the ink color. The main dependent measure in the Stroop task is the “Stroop Effect”, which is the degree of slowing and the reduction in accuracy on incongruent trials compared to congruent trials.
Identified Supporting Documentation	
Identified PMCID, PUBMED ID, or CITATION	Text Citation: Stroop, J. R. (1935). Studies of interference in serial verbal reactions. Journal of Experimental Psychology, 18, 643-662.
Measured	
Measured	

Description	
Measured Supporting Documentation	
Measured PMCID, PUBMED ID, or CITATION	
Influenced	
Influenced Description	
Influenced Supporting Documentation	
Influenced PMCID, PUBMED ID, or CITATION	
Outcome (Validated vs Invalidated)	
Outcome	
Outcome Description	
Outcome Supporting Documentation	
Outcome PMCID, PUBMED ID, or CITATION	
Owner	Teon Brooks Send email to Teon