

Simple Reaction Time Task

Title	Simple Reaction Time Task
Domain	Self-Regulation
Type	Behavioral
Duration (min)	3
Description	Subjects are instructed to make a single (and always the same) keypress when any stimulus appears on the screen.
OSF Link	
Adult/Child	adult
Computerized	
Identified	1
Identified Description	The simple RT task measures the basic cognitive processes of perception and response execution. The Simple RT task requires that subjects make one specific response (e.g., a spacebar press) whenever any stimulus (e.g., a shape) appears on the screen. Typically only one stimulus occurs. This straightforward task engages certain basic processes, like perception and response execution, without requiring more complicated processes like resisting distraction or response inhibition. The main dependent measure is the speed of responding. This task does not include any putative self-regulatory processes and was included in the task battery to investigate whether any relationships between self-regulatory tasks are also shared with simple RT, suggesting that the relationship arose as a result of overlapping requirements for perception and response execution.
Identified Supporting Documentation	
Identified PMCID, PUBMED ID, or CITATION	Text Citation: F.C. Donders (1969). On the speed of mental processes. Acta Psychologica, 30, 412-431. (original work published in 1868).
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