

Choice Reaction Time

Title	Choice Reaction Time
Domain	Self-Regulation
Type	Behavioral
Duration (min)	5
Description	Subjects press one of two buttons for one stimulus and the other button for the other stimulus.
OSF Link	https://osf.io/br2c9/
Adult/Child	adult
Computerized	
Identified	1
Identified Description	The Choice RT task measures the basic cognitive processes of perception, discrimination, response selection, and response execution. The task involves making a specific, speeded response to each of two or more stimuli that are presented in succession. For example, subjects could make an “m” keypress when a circle appears and a “z” keypress when a square appears. Like the simple RT task, this task’s basic processes are not thought to be core self-regulatory measures. Therefore, this task can be used to investigate whether any relationships between self-regulatory tasks are also shared with choice RT, which would suggest that the relationship in question arose as a result of these overlapping basic processes like discrimination. The main dependent measure is the speed and accuracy of the speeded responses.
Identified Supporting Documentation	
Identified PMCID, PUBMED ID, or CITATION	Text Citation: F.C. Donders, On the speed of mental processes, Acta Psychologica, Volume 30, 1969, Pages 412-431, ISSN 0001-6918, http://dx.doi.org/10.1016/0001-6918(69)90065-1 .
Measured	
Measured Description	
Measured Supporting	

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