

Shape Matching Task

Title	Shape Matching Task
Domain	Self-Regulation
Type	Behavioral
Duration (min)	20
Description	The shape matching task assesses distractor or stimulus interference. Participants are presented with probe and target shapes and must decide whether they are the same shape. On some trials a distractor shape will be present, which the participant is instructed to ignore. The primary dependent measure is the difference in response time and accuracy between when the distractor is present or absent. This task putatively measures components of cognitive control, where it has been associated with factors putatively related to "resistance to distraction" (Friedman & Miyake, 2004) and "stimulus interference" (Stahl et al, 2014).
OSF Link	
Adult/Child	adult
Computerized	
Identified	1
Identified Description	The shape matching task assesses distractor or stimulus interference. Participants are presented with probe and target shapes and must decide whether they are the same shape. On some trials a distractor shape will be present, which the participant is instructed to ignore. The primary dependent measure is the difference in response time and accuracy between when the distractor is present or absent. This task putatively measures components of cognitive control, where it has been associated with factors putatively related to "resistance to distraction" (Friedman & Miyake, 2004) and "stimulus interference" (Stahl et al, 2014).
Identified Supporting Documentation	FriedmanMiyake2004-1.pdf StahlEtAl2014-1.pdf
Identified PMCID, PUBMED ID, or CITATION	

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**

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