



# City Research Online

## City St George's, University of London

**Citation:** Christophel, T. B., Allefeld, C., Endisch, C. & Haynes, J-D. (2018). View-Independent Working Memory Representations of Artificial Shapes in Prefrontal and Posterior Regions of the Human Brain. *Cerebral Cortex*, 28(6), pp. 2146-2161. doi: 10.1093/cercor/bhx119

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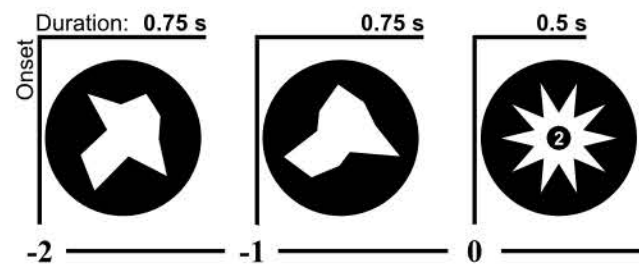
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**A**

## Retro-Cue Encoding



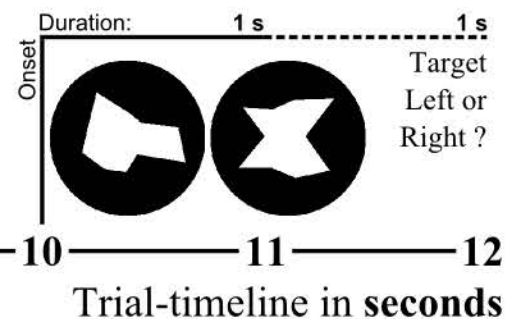
## Delay-Period



Memorized Sample

.....

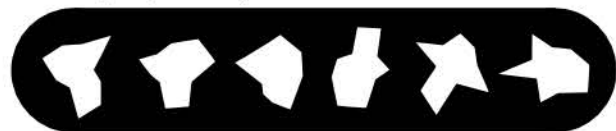
## Shape-Similarity Task

**B**

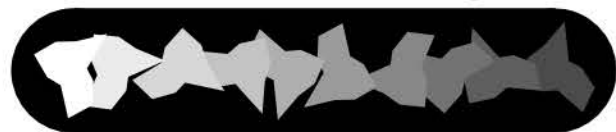
## Design

Six Shapes per Subject

Four Runs

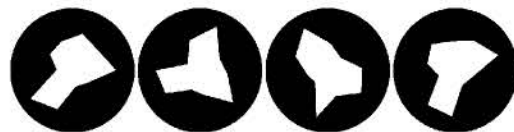


Memorized in Ten Random Rotations per Run

**C**

## Rotation Invariant Task

Example Targets

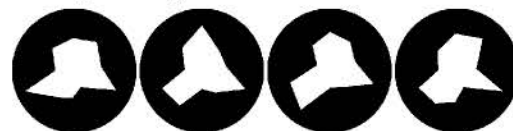


Example Foils

**D**

## Rotation Specific Task

Example Targets



Example Foils

