Exp\_Name: A string specifying our name for the experiment

Part\_Id: the subject ID – same as column “sn”

Gender: self reported gender

Birth: age in years

Block: Block number – practice block discarded

TBlock Trial in block

O1 Ordinal number of orientation of first half of displayed bars – when orientation was varied. Ranging from vertical in 15% steps. Left leaning bars anti-clockwise, right leaning bars clockwise.

O2 Ordinal number of orientation of second half of displayed bars – when orientation was varied

Ranging from vertical in 15% steps.

Tori Ordinal number of orientation of probe bar

C1 Ordinal number of color of first half of displayed bars – when color was varied

C2 Ordinal number of color of second half of displayed bars – when color was varied

In cases where both the color and orientation varied the color and orientation of the bars was factorial combined across the display.

TCol Ordinal number of color of probe bar

Ori\_Col code showing actual orientations and colors of displayed bars and probe bars. O1 O2 and Probe orientation followed by C1 C2 and Probe color separated by commas.

key\_press Ascii of actual key-pressed

Rt Reaction time of key press

ID coding of trial type l or r – orientation of plotted bars (rightwards or leftwards) followed by color of plotted bars g or b green or blue. N – new item, O – old item M – mean item are the codes for kind of probe used - first character orientation code – second character color code.

Corr\_key dee – ‘d’ kay – ‘k’

Sn: the subject ID – same as column “Part\_ID”

Mori : mean of O1 and O2

MCol : mean of C1 and C2

Exp : a code for the experiment

Target : the target dimension

IrrelDim : the irrelevant dimension

distRelTto: the dimension that the relative distance is calculated from

irrDFM: distance from mean for the irrelevant dimension

irrDFO: distance from old for the irrelevant dimension

distfrMean: distance from mean for the relevant dimension

distfrOld: distance from old for the relevant dimension

IrrDimLabel: the dimension label for the irrelevant dimension (N, M, O)

IrrDimLabel2: same as IrrDimLabel, but a number is appended after N to indicate the distance form old

Response: response indicating whether the participant thought the target was present (Y/N)

Correct: Whether the response was correct (TRUE) or incorrect (FALSE)