DscoreApp::cheat sheet

Ottavia M. Epifania, Pasquale Anselmi, & Egidio Robusto, University of Padova

The Implicit Association Test

DscoreApp

Toy dataset

Import data (CSV)

DscoreApp

Example data

Race IAT dataset

Choose CSV file

Appereance & Input

Read Me First D- Score results Descriptive Statistics

The Implicit Association Test (Greenwald et al., 1998) is one of the most commonly used measures for the implicit assessment of attitudes and preferences. It is based on the speed and accuracy with which stimuli representing four different categories (two contrasting objects and positive and negative attributes) are sorted in their belonging

Bloc	kFunction	Left response key	Right response key	e practic
1	Practice	Object 1	Object 2	
2	Practice	Positive	Negative	
3	Associative Practice Mapping A	Object 1 + Positive	Object 2 + Negative	appingB
4	Associative Test Mapping A	Object 1 + Positive	Object 2 + Negative	
5	Practice	Object 2	Object 1	PREPAR
6	Associative Practice Mapping B	Object 2 + Positive	Object 1 + Negative	
7	Associative Test Mapping B	Object 2 + Positive	Object 1 + Negative	ow info
	IAT D-score			
	Core Procedure:			Accuracy d
	• Compute <i>D-score</i> $(D_{practice} = \frac{M_{B6}}{\text{sd}_{B}})$	$\frac{2}{M_{B3}}$ for practice bloc $\frac{M_{B3}}{6,B3}$	ks	No Yes (Prablocks) Vote: Please
		for tost blocks (D		10101210000

1	Associative Test Mapping A	Object 1 + Positive	Object 2 + Negative	е	
5	Practice	Object 2	Object 1	Prepare Data	
5	Associative Practice Mapping B	Object 2 + Positive	Object 1 + Negative	e ow info	
7	Associative Test Mapping B	Object 2 + Positive	Object 1 + Negative		
	IAT D-score				
Core Procedure: Accuracy deletion					
	• Compute D-score $(D_{practice} = \frac{M_{B6}}{\text{sd}_{B6}}$	$\frac{1}{2}$ for practice block $\frac{M_{B3}}{6,B_3}$	KS .	 No Yes (Practice + T blocks) Note: Please, read th	
	• Compute <i>D</i> -score $= \frac{M_{B7} - M_{B4}}{\operatorname{sd}_{B7,B4}})$	` `		CALCULATE & U	
	• Compute <i>D-score</i> = $\frac{D_{practice} + D_{test}}{2}$ Render settings				

Lower tail treatment

No

< 400 ms

No

No

< 400ms

< 400ms

ing				IMPORT DATA
keys.	Browse No file selected		34 · · · · · · · · · · · · · · · · · · ·	How it works
	MappingA Practice block label	MappingA Test block label	MappingA Test block label How did you label the MappingA test block?	THE D-SCORE RESULTS PANEL
Right response l	⟨ey practiceWhiteGood	e.g. testWhiteGood	Diocks	DESCRIPTIVE STATISTICS PANEL
Object 2 Negative	appingB Practice block label	MappingB Test block label	IAT Blocks labels	WHAT YOU GET
Object 2 + Negat	ive practiceWhiteBad	e.g. testWhiteBad		REFERENCES
Object 2 + Negat	ive	•		CONTACTS
Object 1	PREPARE DATA She	ow info	Warn when data	LICENSE
Object 1 + Negat	owinfo compl		are ready DATA	Betwee importing the data: • Remove from the dataset the pure practice be extensive in the dataset the pure practice be extensive. • The LAT data are in a CSV file with "," set as second attor.
	Select your D Accuracy deletion	Fast participants deletion	Select your ()	Feature the columns according to the column participant; it defines the Di of the p block: It defines the blocked or the LAT unique label, hence there have to be for and the practice and core block or the LAT varieties and core block or the LAT varieties and core block or the AT Alseron; It contains the laterator
ks	No Yes (Practice + Test	No Ves	D1 (Built-in, no lower treatment) D2 (Built-in, 400ms lower treatment)	this variable. If the LAT DLD include. • correct: It contains the correct and er Summarizing, for using the App it is fundamental
	blocks) Note: Please, read the READ ME FIRS		NO BUILT-IN D3 (+2sd error inflation, no lower treament) D4 (+600ms error inflation, no lower treament)	
test	CALCULATE & UPDATE RE	SET & RESTART & DOWNLOAD	D5 (+2sd error inflation, 400ms lower treatment) D6 (+600ms error inflation, 400ms lower treatment)	
Render setting changes in the	gs R e results	Pestart app		
2			Download results	



	♣ DOWNLOAD CSV TEM

Getti	ng	star	ted	-	Prepare datase
-------	----	------	-----	---	----------------

- 1. Prepare a CSV file with comma set a separator
- 2. Get rid of the pure practice blocks (B1, B2, & B5)
- 3. Name the columns as following:
- participant: Participants'd IDs
- block: IAT blocks labels (4 levels)
- latency: Response times in millisecond
- correct: response accuracy (either 0 or 1)
- 4. Save the file & upload it with Browse...

Getting started Compute



and wait for

DATA ARE READY!

Download Template

IMPORT DATA

participant: it defines the ID of the participants. The IDs may be either numeric (e.g., 1,2,300,450) or a string (e.g., ssot, aso5, John L Participant: It defines the ID of the participants. The ID into the other insurant (e.g., La., 300.—[19]) of a string (e.g., size), assign-freedow each.
 Bookel. It defines the Bookel of the LAT. The libels identifying each booke are not importing per are. The important thing is that each biside is defined by unique label, hence there have to be four district labels defining the procrite and nor blooks of Mapping A (e.g., prescrive/bincook, testVinincook and the practice and red below of Mapping B (e.g., periodic Whiteke, testVinitadia).
 Internet: I contains the latencies of the responses expressed in milliscook. If the LAT DID NOT include a built-in correcting label the string which is writtle. If the AT DID Include a built-in correction, place the raw latend in writtle. If the AT DID Include a built-in correction, place the participant in the latency of the error responses.

- 2. Choose a *D-score* from the drop-down menu
- 3. Discard inaccurate partcipants (Accuracy deletion)?

THE D-SCORE SHINY APP

IMPORT DATA

- 4. Discard fast participants (Fast participants deletion)?
- CALCULATE & UPDATE 5. Click on

Click this button everytime you want to make a change effective!



(Trial > 10,000ms are discarded)

Built-in

Built-in

Mean + 2sd

Mean + 600ms

Mean +2 sd

Mean + 600ms

Dscore Error treatment

Algorithms:

D1

D₂

 D_3

D4

D5

D6

