

Data Definitions for Data File “Storm's_Reactance_study_data”

The table below describes all the columns and data values in the data file Storm's_Reactance_study_data.csv for the study:

“Reactance in a picture-identification task using a fuzzy-set encoded target” by Lance Storm.

Variable or Column Name	Variable or Column Description	Data Value Descriptions or Decodes
A	ID	1 to 80
B	DOB	DD/MM/YYYY
C	Sex	1 = Male 2 = Female
D	education	1 = Under Year 12 2 = Year 12 (SACE) 3 = TAFE 4 = University/College Graduate 5 = University/College Post-Graduate
E	time1	Time taken (secs) to complete demographics page
Popular Beliefs (Hong’s Psychological Reactance Scale; HPRS)		
F	h1 Regulations trigger a sense of resistance in me.	1 = Strongly disagree 2 = Disagree 3 = Neither Agree nor disagree 4 = Agree 5 = Strongly agree
G	h2 I find contradicting others stimulating.	Same as above
H	h3 When something is prohibited, I usually think, “That’s exactly what I am going to do”.	Same as above
I	h4 The thought of being dependent on others aggravates me.	Same as above
J	h5 I consider advice from others to be an intrusion.	Same as above
K	h6 I become frustrated when I am unable to make free and	Same as above

	independent decisions.	
L	h7 It irritates me when someone points out things which are obvious to me.	Same as above
M	h8 I become angry when my freedom of choice is restricted.	Same as above
N	h9 Advice and recommendations usually induce me to do just the opposite.	Same as above
O	h10 I am content only when I am acting of my own free will.	Same as above
P	h11 I resist the attempts of others to influence me.	Same as above
Q	h12 It makes me angry when another person is held up as a role model for me to follow.	Same as above
R	h13 When someone forces me to do something, I feel like doing the opposite.	Same as above
S	h14 It disappoints me to see others submitting to standards and rules.	Same as above
T	HPRS11_Score	Total score for 11-item version of the HPRS (excludes #4, #10, & #14) ¹
U	time2	Time taken (secs) to complete HPRS
ParanormalBeliefs1 (Thalbourne's Australian Sheep-Goat Scale; ASGS) Each item starts: "I am completely convinced that..."		
V	S1 ESP exists.	VAS 1 to 100
W	S2 I have had personal experience of ESP.	Same as above
X	S3 I am psychic.	Same as above
Y	S4 it is possible to gain information about the future before it happens	Same as above

¹ "The HPRS-R is an 11-item self-report measure of psychological reactance. This is a proposed improvement upon the 14-item HPRS, omitting three items (4, 10, and 14) in order to maximise reliability" (Billows & Storm, 2015).

	in ways that do not depend on rational prediction or normal sensory channels.	
Z	S5 I have had a hunch that turned out to be correct and which (I believe) was not just a coincidence.	Same as above
AA	S6 I have had at least one premonition about the future that came true and which (I believe) was not just a coincidence.	Same as above
AB	S7 I have had at least one dream that came true and which (I believe) was not just a coincidence.	Same as above
AC	S8 I have had at least one vision that was not an hallucination and from which I received information that I could not have otherwise gained at that time and place.	Same as above
AD	S9 there is a life after death.	Same as above
AE	S10 it is possible to contact spirits of the dead.	Same as above
AF	S11 it is possible to gain information about the thoughts, feelings or circum-stances of another person, in a way that does not depend on rational prediction or normal sensory channels.	Same as above

AG	S12 it is possible to send a "mental message" to another person, or in some way influence them at a distance, by means other than the normal channels of	Same as above
AH	S13 I have had at least one experience of telepathy between myself and another person.	Same as above
AI	S14 psychokinesis (or "PK") exists, that is, the direct influence of mind on a physical system, without the mediation of any known physical energy.	Same as above
AJ	S15 I have personally exerted PK on at least one occasion.	Same as above
AK	S16 I have marked psychokinetic ability.	Same as above
AL	S17 I am completely convinced that, on at least one occasion, an inexplicable (but non-recurrent) physical event of an apparently psychokinetic origin has occurred in my presence.	Same as above
AM	S18 persistent inexplicable physical disturbances, of an apparently psychokinetic origin (as for example a "poltergeist") have occurred in my presence.	Same as above
AN	RASGS	Rasch-scaled Australian Sheep-Goat Scale ²

² For details, go to http://www.aiprinc.org/documents/ASGS_rasch_100.txt

AO	SHEEP_GOAT	0 = goat 1 = sheep
AP	SH_GT_IND	1 = goat 2 = indecisive 3 = sheep
AQ	time3	Time taken (secs) to complete ASGS
AR	Reactance	1 = Reactance group 2 = control
Perceived Threat to Freedom (four items)		
AS	freedom (“The message threatened my freedom to choose”)	1 = Strongly agree 2 = Disagree 3 = Neutral/Don’t know 4 = Agree 5 = Strongly agree
AT	decision (“The message tried to make a decision for me”)	Same as above
AU	manip “The message tried to manipulate me”	Same as above
AV	pressu “The message tried to pressure me”.	Same as above
AW	THR_FREE	Total of 4 items for ‘Threat to Freedom’
Anger Scale (four items)		
AX	Irrita (“To what extent did this message make you feel irritated?”)	Range: 0 (None of this feeling) to 4(A great deal of this feeling)
AY	Angry (“To what extent did this message make you feel angry?”)	Same as above
AZ	Annoy (“To what extent did this message make you feel annoyed?”)	Same as above
BA	Agrav (“To what extent did this message make you feel aggravated?”)	Same as above
BB	ANGER	Total of 4 items for ‘Anger’
BC	time4	Time taken (secs) to complete Perceived Threat to Freedom and Anger Scales
BD	group	Group of Photos (1 to 12)
BE	phot1	Photo from 1st Category
BF	phot2	Photo from 2nd Category
BG	phot3	Photo from 3rd Category
BH	phot4	Photo from 4th Category
BI	phot5	Photo from 5th Category

BJ	time5	Time taken (secs) to generate five photo numbers using RNG
BK	rank1	Rank # for 1st photo
BL	rank2	Rank # for 2nd photo
BM	rank3	Rank # for 3rd photo
BN	rank4	Rank # for 4th photo
BO	rank5	Rank # for 5th photo
BP	time6	Time taken (secs) to rank five photos
BQ	choice	RNG's selection
BR	hit	1 = hit 0 = miss
BS	Time7	Time taken (secs) to rank five photos

References

Billows, H. & Storm, L. (2015). Believe it or not: II. An exploratory study on possible predictors of paranormal belief. *Australian Journal of Parapsychology*, 15, 141-165.