Jones, H. S., Towse, J. N., Race, N., and Harrison, T.
Email fraud: The search for psychological predictors of susceptibility
PLOS One

Data variables and explanations

(File name=) EmailTaskData_PLOSOne
Across all variables – a score of -999 signifies a missing value

Participant
Unique number allocated to participant

Age
Age in years for each participant

Gender
1 = Male
2 = Female

Time pressure
1 = Time pressure
2 = No time pressure

No Correct
Number of emails correctly identified

Phishing correct
Number of phishing email stimuli correctly identified

Legitimate correct
Number of legitimate email stimuli correctly identified

Hit Rate
Proportion of phishing emails correctly identified as phishing

False Alarm
Proportion of legitimate emails incorrectly labelled as phishing

D-Prime
D-prime score calculated for signal detection analysis

Beta
Beta criterion calculated for signal detection analysis

AUCEstimate
Area under the curve statistic based on scale response (data can be found in 'Email Response Data')
Participants with score below .5 were subsequently removed from analysis
Score of -999 given to degenerate scores

(File name=) Email Response Data
Participant

Unique number allocated to participant

1Legit
Participant scale response (1=definitely phishing to 6=definitely legitimate) made to email number 1
– a legitimate email

2Phish
Participant scale response (1=definitely phishing to 6=definitely legitimate) made to email number 2
– a phishing email

Subsequent columns labelled with email number and type (phish or legit)

(File name=) Set 1 Cognitive Tasks
Across all variables – a score of -999 signifies a missing value

Participant
Unique number allocated to participant

Age
Age in years for each participant

Gender
1 = Male
2 = Female

Time pressure
1 = Time pressure
2 = No time pressure

CRT Score
Score (max=3) for number of correct responses given to the 3 CRT questions

IPIP Score
Total score across five factors of personality measured by the International Personality Item Pool
(IPIP)

Extraversion
Participant score on IPIP questions relating to extraversion

Agreeableness
Participant score on IPIP questions relating to agreeableness

Conscientiousness
Participant score on IPIP questions relating to conscientiousness

Neuroticism
Participant score on IPIP questions relating to neuroticism

Intellect
Participant score on IPIP questions relating to intellect

Flanker Score
Mean difference between (correct) response time on congruent and incongruent trials

Need for Closure
Score on the Brief Need for Closure scale

D-Prime
D-prime score calculated for signal detection analysis

AUCEstimate
Area under the curve statistic based on scale response (data can be found in 'Email Response Data')
Participants with score below .5 were subsequently removed from analysis
Score of -999 given to degenerate scores

(File name=) Set 2 Cognitive Tasks
Across all variables – a score of -999 signifies a missing value

Participant
Unique number allocated to participant

Age
Age in years for each participant

Gender
1 = Male
2 = Female

Time pressure
1 = Time pressure
2 = No time pressure

SCScore
Score on the Brief Self-Control Scale

SSScore
Score on the Brief Sensation-Seeking Scale

Stroop Score
Mean difference between (correct) response time on congruent and incongruent trials

Reading Span
Reading span score calculated based on highest sequence of sentence-end words correctly recalled

D-Prime
D-prime score calculated for signal detection analysis

AUCEstimate
Area under the curve statistic based on scale response (data can be found in 'Email Response Data')
Participants with score below .5 were subsequently removed from analysis
Score of -999 given to degenerate scores