

Supplementary File 1

Stroop Colour Word Test (SCTW)

Control	Congruent	Incongruent
Dog	Red	red
Chair	yellow	yellow
Window	green	green
Boat	blue	blue
Fence	red	red
Bottle	blue	blue
Cup	yellow	yellow
Book	green	green
Table	blue	blue
Tissue	red	red
Desk	blue	blue
Computer	yellow	yellow
School	green	green
Library	blue	blue
Donkey	red	red
Dog	blue	blue
Taxi	yellow	yellow
Car	green	green
Mall	blue	blue
Drink	red	red
School	blue	blue
Water	yellow	yellow
President	green	green
Boy	blue	blue

Figure 1: For practice purposes, all children completed a paper version of the Stroop Colour Word Test (SCWT)

fOLD

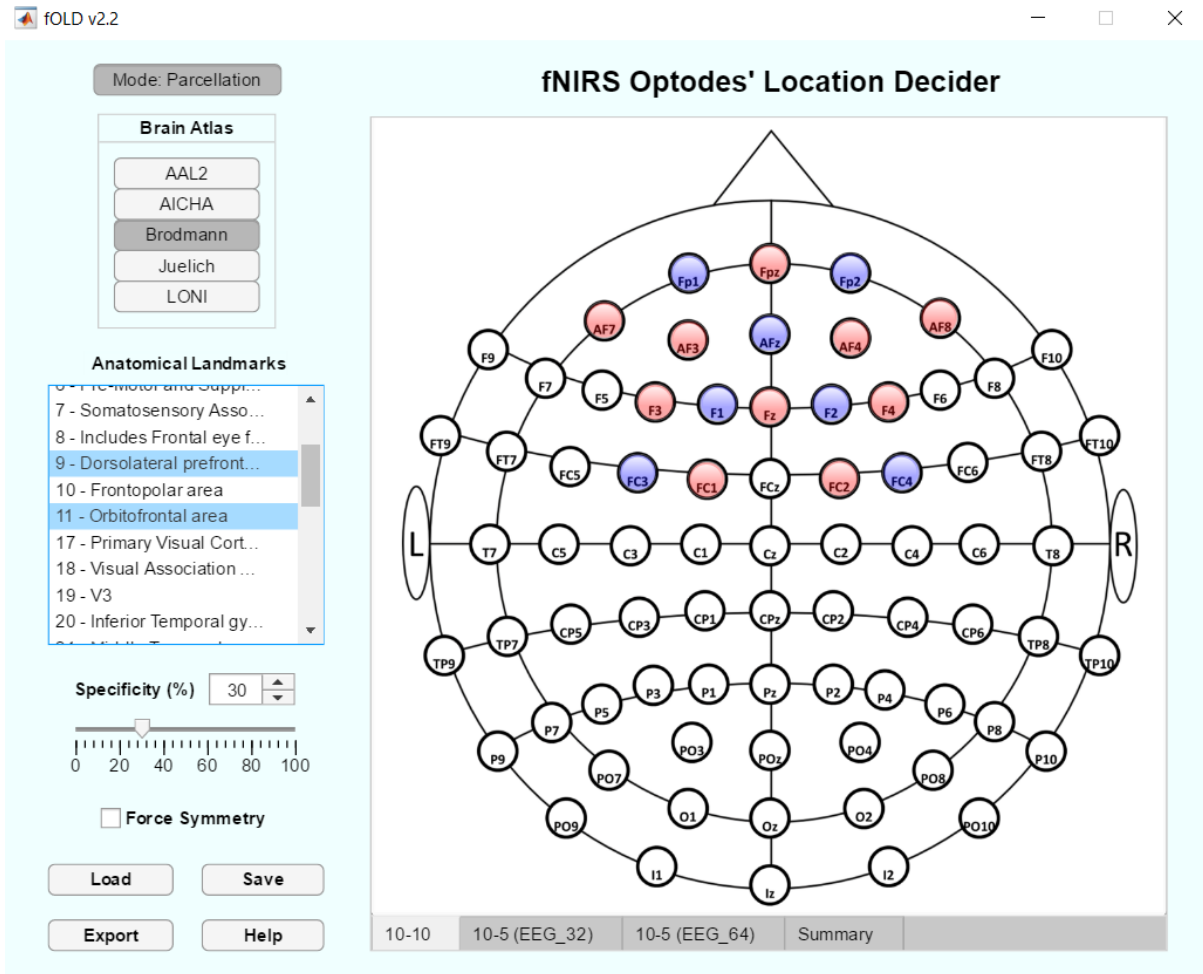


Figure 2: We used the fOLD Software to help identify cortical regions for our study, namely the dorsolateral prefrontal cortex, and the orbitofrontal area.

Guidelines for experimental presentation for neuroimaging research (Poldrack et al., 2008)

Suggested Guidelines	Y/N	Page No
<i>Experimental design</i>		
Design specification		
Number of blocks, trials or experimental units per session and/or subject	Y	7
Length of each trial and interval between trials	Y	8
Blocked designs/Event Related design	Y	8
Was the design optimized for efficiency, and if so, how?	Y	8
Task specification		
Instructions	Y	8
What were subjects asked to do?	Y	8
Stimuli	Y	7,8
What were the stimuli and how many were there?	Y	8
Human subjects		
Number of subjects	Y	6
Age (mean and range)	Y	6
Handedness	Y	6
Number of males/females	Y	14
Additional inclusion/exclusion criteria, if any (including specific sampling strategies that limit inclusion to a specific group, such as laboratory members)	Y	6
Details on subject sample		
If any subjects were scanned but then rejected from analysis after data collection, state how many and reasons for rejection	N/A	N/A
For group comparisons, what variables (if any) were equated across groups?	Y	19
Ethics approval		
State which IRB approved the protocol	Y	7
Behavioural performance		
How was behavioural performance measured (e.g., response time, accuracy)?	Y	8, 21
Data acquisition		
Manufacturer, and model name	Y	9, 12
Number of experimental sessions and volumes acquired per session	Y	7
Whole brain? if not, state area of acquisition (preferably with a figure)	Y	10
Data pre-processing (general)		
Specify order of pre-processing operations	Y	12
Motion correction	Y	12
Statistical modelling		

Block/epoch-based or event-related model	Y	9
ROI analysis	Y	10
Figures and tables	Y	10, 12, 14-20
What statistical map is the figure/table based upon (e.g., Z, t, p)?	Y	19-21
Source of anatomical labels (e.g., atlas, automated labelling method)	Y	18

Adapted from Guidelines for Reporting fMRI study (Poldrack et al., 2008).

Poldrack, R. A., Fletcher, P. C., Henson, R. N., Worsley, K. J., Brett, M., & Nichols, T. E. (2008). Guidelines for reporting an fMRI study. *NeuroImage*, *40*(2), 409–414. <https://doi.org/10.1016/j.neuroimage.2007.11.048>