Study information

**Primary Investigator (PI) (name):**   
Prof. Eveline A. Crone  
  
**Other Principal Investigators:**   
dr. Kiki Zanolie

**Other Investigators:**

Suzanne van de Groep, Msc.   
dr. Sarah Burke

**Data Collection was performed by:**

Suzanne van de Groep  
Anna van Steenbergen, MSc.   
Philip Brandner, MSc.   
 **Students that assisted during data collection:**Nina Eckhardt, Dorien Huijser, Lisa Kool, Fabienne Rossenberg

**Time period data collection**

February 14, 2018 – May 7, 2018

**Location of data collection:**

Leiden University Medical Centre, MRI scanner owned by the Leiden Institute for Brain and Cognition. Address: Albinusdreef 2, 2333 ZA Leiden, the Netherlands. Phone number scanner: 071 52 65938

**Missing Data:**

No participants had to be excluded from data analysis because of motion or other issues. Final sample: *N* = 32

**Data Storage:**

Raw MRI data was stored at J:\ResearchData\FSW\Brain and Development - Projects\2018\_Brainlinks\PILOT\2018\_BrainlinksPilot\MRI\Raw\_data at Leiden University.

Raw Behavioral data was stored at J:\ResearchData\FSW\Brain and Development - Projects\2018\_Brainlinks\UPLOADED\_TO\_RD\PILOT\2018\_BrainlinksPilot\Gedrag\_UPLOADED

Processed MRI data was stored at J:\ResearchData\FSW\Brain and Development - Projects\2018\_Brainlinks\UPLOADED\_TO\_RD\Projectmappen\Suzanne\_Persoonlijke projecten\Data\_backup\_MRIstudies\_25feb2020

Note that raw MRI data was not included in this publication package for privacy reasons (i.e., not all participants agreed to this and MRI data is perhaps not completely anonymous). We did, however, include untresholded Neurovault maps, as well as ROI data.

**Authors who contributed to analyses and data management:**

Suzanne van de Groep did all analyses and wrote the article with help from the co-authors. She merged and transformed the original data files (which can be found under ‘3. Raw Data’) to the processed data files (found under ‘5. Processed data files’. See ‘4. Computer Code’ for the syntax and code that is relevant for the current article.

**Details regarding data analysis**

Raw data for this study consisted of E-prime files (behaviour during fMRI donation task), a .sav file that included data on the manipulation checks (downloaded from Qualtrics), excel files (unprocessed ROI data), as well as MRI scans (T1 anatomical scan and two runs of functional scans for the fMRI donation task).

Analyses were performed in Matlab and SPM8 (MRI analyses) and Excel and SPSS (behavioural and ROI output analyses). Note that folder ‘4. Computer code\SPM and Matlab’ includes a README file in which MRI analysis steps are described in detail.

Processed data files include excel files that were processed from the raw E-prime files, a motion output file that specified how much pariticpants moved during the fMRI donation task, neurovault maps (i.e., output of the whole brain analyses), ROIs and output of these ROIs, and the SPSS file that was used for behavioural and ROI analyses.

**Collection DOI (i.e., DOI association with the entire publication package):**10.25397/eur.c.5131568