**Read Me for**

**Allen, Harriet** and **Nouwen, Arie** and **Chambers, Alison** and **Chechlacz, Magdalena** and **Blissett, Jacqueline** and **Higgs, Suzanne** and **Barrett, Timothy** (2016). *The relationship between parental feeding practices and neural responses to food cues in adolescents.* [Data Collection]. Colchester, Essex: UK Data Archive.

**List of files and descriptions**

BehaviouralRegressorsDescription.zip contains

* AllenEtAl2016 PloS-R1NotMarked.pdf
* SupportingInfor-AllenEtAl-R1.pdf

This the manuscript that reports the data stored here. It contains a description of the methods, analysis and background to this dataset.

* EV\_files.zip

This contains the timing files for each participant. Analysis of fMRI data was done in FSL. In FSL a separate timing file is used for each regressor and for each participant (if timings are varied between participants). ‘EV’’s are arranged according to the different analyses reported in the article (as above). In the file name ‘runX’ refers to the scan – so if the task was repeated there will be a filename including run1, run2 etc. Participant number follows this and condition is at the end of the filename ie fmri\_type\_2\_ev\_run10\_27-1.xls\_EV\_Control.txt indicates the control images, participant No 27, ‘and the tenths scan’. Within the files the first column indicates the start time, the middle column is the duration and the last column (when used) is the strength. See FSL user guide for explanation of 3 column EVs

* Stimuli

Contains the images used in the study.

* Whole\_data\_set\_ForUpLoad.sav

This is a table (SPSS format but readable elsewhere) containing all the non-imaging data from the study. Descriptions of the column names are in the fourth column (Labels). These consist of

* + Demographics (gender, Age\_atscan, ethnicity\_parent, ethnicity, Income, Parent\_education, Child\_education\_level, Health\_occupation)
  + If there were any special diets for the participant or allergies
  + Weight, Height, BMI
  + Blood glucose, HbA1c
  + Reports on frequency of eating as a family, eating take aways and eating out
  + Recordings of amounts of food consumed in the study (columns 34-180)
  + Ratings of food consumed (columns 181-186)
  + Hunger ratings (columns 188-199)
  + Responses to CFPQ – see manuscript (columns 200-263)
  + Responses to DEBQ – see manuscript (columns 264-326)
  + Responses to KCFQ – see manuscript (columns 327-352)
  + Responses to PDS- see manuscript (columns 353-356)
  + Responses to Motivation for Healthy eating questionnaire- see manuscript (columns 357-372)
  + Responses to Appraisal of Healthy eating questionnaire- see manuscript (columns 373-403)
  + Responses to SDSCA- see manuscript (columns 404-422)
  + Responses to DFR- see manuscript (columns 423-476)
  + Responses to Motivation to follow Diabetes Diet questionnaire- see manuscript (columns 477-492)
  + Video Coding of filmed meal (columns 493-453)
  + Participants’ rating of stimuli (columns 537-544)
  + Brain activation from specified ROIs (columns 545-655)

T1.zip contains

All anatomical scans for participants in the study

EPI\_SetA.zip and

EPI\_SetB.zip and

EPI\_SetC.zip contain

All functional scans for the study – see columns 1 and 2 of Whole\_data\_set\_ForUpLoad.sav for participant identification

EFSD study Consent form Adult.doc and

EFSD study Consent form Parent.doc and

Assent form\_young person.doc

Are the consent and assent forms used for this study. Different forms were required depending on whether the adolescent was old enough to give consent.

PIS\_EFSD\_Adults\_T2DM\_study.doc and

PIS\_EFSD\_T2DM\_study\_parents info sheet.doc and

PIS\_EFSD\_Young people\_T2DM\_study.doc

Are the information sheets used for this study. Different information sheets were used for the different ages and participants in the study.