**Missing Values**

**Subject Information** (in “Subject\_Information.csv”)

Age:

N=315, no missing value.

Education years:

N=315, no missing value.

Race:

N=314, 1 subject did not report his/her race.

Please specify your race:

N=37, 277 subjects did not further specify their race and have NAs in this variable.

What is your ethnicity:

N=313, 2 subjects did not report their ethnicity.

HAND\_Likert:

N=314, 2 subjects did not complete Handedness Survey.

MonthsMRI-PET:

N=147, 168 subjects did not participate PET scan.

**Cognitive Task**

Digit Comparison (“DC\_total\_1” in “DC\_1.csv”):

N=315, no missing value.

Digit Symbol (“DSYM\_1” in “DSYM\_1.csv”):

N=309, 5 data are removed due to tester error, 1 subject failed to follow the instruction and refused to go in correct order.

ETS Letter Sets (“ETSLS\_total\_1” in “ETSLS\_1.csv”):

N=315, no missing value

CANTAB Stockings of Cambridge (“CANTAB\_SOC\_Problems\_solved\_in\_minimum\_moves\_1” in “CANTAB\_SOC\_1.csv”):

N=315, no missing value

Raven’s Progressive Matrices (“RAVENS\_Number correct\_1” in “RAVENS\_1.csv”):

N=278, 37 data are removed due to a short version of questionnaire used in data collection in early phase of study

Letter Number Sequencing (“LNS\_Total Correct\_1” in “LNS\_1.csv”):

N=315, no missing value

CANTAB Spatial Working Memory (“CANTAB\_SWM\_Total\_errors\_1” in “CANTAB\_SWM\_1.csv”):

N=315, no missing value

Hopkins Verbal Learning Immediate Recall (“HOP\_immediate recall\_1” in “HOPKINS\_1.csv”):

N=315, no missing value

Hopkins Verbal Learning Delayed Recall (“HOP\_recognition acc\_1” in “HOPKINS\_1.csv”):

N=278, 37 data are removed due to tester error

Hopkins Verbal Learning Delayed Recognition Accuracy (“HOP\_delayed recall\_1” in “HOPKINS\_1.csv”):

N=278, 37 data are removed due to tester error

CANTAB Verbal Recognition Memory Immediate Recall (“CANTAB\_VRM\_Free\_recall\_total\_correct\_clinical\_immediate\_1” in “CANTAB\_VRM\_1.csv”):

N=314, 1 subject’s data is missing

CANTAB SST (“CANTAB\_SST\_SSRT\_last\_half\_1” in “CANTAB\_SST\_1.csv”):

N=315, no missing value

ETS Vocabulary (“ETSV\_Total\_1” in “ETSV\_1.csv”):

N=315, no missing value