**EXP 2 Columns**

Participant – Participant number

Sex\_M1\_F0 - Gender: male =1 female = 0

Age – Age

Formal Education – Years of formal education

Health – Self-rated health: 1 very poor, 2 poor, 3 fair, 4 good, 5 very good

Eyesight – Self-rated eyesight: 1 very poor, 2 poor, 3 fair, 4 good, 5 very good

Vocabulary – Vocabulary score

Speed – DSST score

Condition – Order in which two test blocks were completed: 1 = PEK then NOPEK, 2 = NOPEK then PEK.

PEK\_HIGH\_HFA - PEK High encoding Specificity hit rate minus false alarm rate

PEK\_LOW\_HFA - PEK Low encoding Specificity hit rate minus false alarm rate

NOPEK\_HIGH\_HFA - NOPEK High encoding Specificity hit rate minus false alarm rate

NOPEK\_LOW\_HFA - NOPEK Low encoding Specificity hit rate minus false alarm rate

PEK\_High\_Enc\_H – PEK High encoding Specificity Hit rate (Hits out of Five)

PEK\_High\_Enc\_CR - PEK High encoding Specificity Correct Rejection rate (CR out of Five)

PEK\_High\_Enc\_FA – PEK High encoding Specificity False Alarm rate (FA out of Five)

PEK\_High\_Enc\_M – PEK High encoding Specificity Miss rate (M out of Five)

PEK\_Low\_Enc\_H– PEK Low encoding Specificity Hit rate (Hits out of Five)

PEK\_Low\_Enc\_CR - PEK Low encoding Specificity Correct Rejection rate (CR out of Five)

PEK\_Low\_Enc\_FA– PEK Low encoding Specificity False Alarm rate (FA out of Five)

PEK\_Low\_Enc\_M – PEK Low encoding Specificity Miss rate (M out of Five)

Then the same 8 columns but for NOPEK stimuli: NOPEK\_High\_Enc\_H… NOPEK\_Low\_Enc\_M

Then the average reaction time for the above 16 columns (column header ending with RT\_AVE)

Then the median reaction time for the above 16 columns (column header ending with RT\_MED)

All main experiment data files are then repeated again with headers ending “\_FTO” – these contain data from the first trial only of a given stimuli pair