**Columns for EXP3 Fan effect**

Older Participant 122 was not included due to a corrupt data file.

Age\_1Y\_0O – Age group young = 1 older = 0

SEX\_1\_0 = gender male =1 female =0

There are four conditions for each participant – sentences consistent with pre-existing knowledge (e.g., The teacher marked the mock exam papers’) in either the one fan (P1\_) or three fan (P\_3) conditions and sentences that are neutral (e.g., The teacher caught the train to London) in either the one fan (NP1\_) or three fan (NP3\_) conditions.

The four codes in brackets above are used at the beginning of all column headers to indicate which condition the data was from.

For each condition there are 12 columns covering the data for all five test runs together:

()H – Hit rate, the proportion of seen before responses to seen before stimuli

()CR – Correct Rejection, the proportion of not seen before responses to not seen before stimuli

()FA – False alarms, the proportion of seen before responses to not seen before stimuli

()M – Misses, the proportion of not seen before responses to seen before stimuli

Then there are average reaction times (in seconds) to the four response types above (when there is a blank cell, no response was made for this participant in this category. E.g., if they got them all correct then there won’t be any false alarms or misses)

()H\_RT\_AVE -Hit reaction times

()CR\_RT\_AVE – Correct rejection reaction times

()FA\_RT\_AVE – False alarm reaction times

()M\_RT\_AVE – Miss reaction times

Then there are median reaction times (in seconds) to the four responses types

()H\_RT\_MED -Hit reaction times

()CR\_RT\_MED – Correct rejection reaction times

()FA\_RT\_MED – False alarm reaction times

()M\_RT\_MED – Miss reaction times

For each 1 fan level there were 20 recognition trials (maximum of 10 data points for hits, correct rejections, false alarms or misses). For each 3 fan level there were 60 recognition trials (maximum of 30 data points for hits, correct rejections, false alarms or misses).

After these columns the same set of columns are repeated five times, once for each of the five recognition trials. These columns end with “\_1”,”\_2”,”\_3”,”\_4”, & “\_5” for tests 1 to 5 respectively.

Hits minus false alarms are now added just after the misses columns