**Scoring for MPIB**

**Letter Updating**

Columns 10-12 (J-L) correct response

Columns 13-15 (M-O) participant response

Columns 16-18 (P-R) accuracy of response where 1=correct, 0=incorrect

***Column 19 (S) proportion correct (of 3)***

**Numerical n-back**

Practice and test trials are offset by one column for whatever reason, so the following refers to column headers for test trials.

Column 11 (K) stimuli

Column 12 (L) correct response

Column 13 (M) participant response

Column 14 (N) accuracy of response where 1=correct, 0=incorrect

Column 15 (O) response time in ms

Please note, the first three stimuli in each trial should be non-responses and should not count against actual performance if incorrect.

**Spatial Updating**

Column 11 (K) beginning position grid 1

Column 13 (M) beginning position grid 2

Column 15 (O) beginning position grid 3

Column 16 (P) first directional movement grid 1

Column 17 (Q) first directional movement grid 2

Column 18 (R) first directional movement grid 2

Column 19 (S) second directional movement grid 1

Column 20 (T) second directional movement grid 2

Column 21 (U) second directional movement grid 3

Column 23 (W) final position grid 1

Column 25 (Y) final position grid 2

Column 27 (AA) final position grid 3

Column 29 (AC) participant response grid 1

Column 31 (AE) participant response grid 2

Column 33 (AG) participant response grid 3

Column 34 (AH) accuracy of grid 1 placement where 1=correct, 0=incorrect

Column 35 (AI) accuracy of grid 2 placement where 1=correct, 0=incorrect

Column 36 (AJ) accuracy of grid 3 placement where 1=correct, 0=incorrect

Column 37 (AK) accuracy of entire trial where 1=correct, 0=incorrect

**Speed tapping**

Column 5 (E) number of presses per condition (look for the highest trial number)

Column 11 (K) response time in ms

**Word Recall**

Columns 8-23 (H-W) stimuli presented

Column 24 (X) number of responses

Column 25 (Y) number of correctly recalled words

Column 26 (Z) number of intrusions or words recalled more than once

Column 27 (AA) first word entered

Column 28 (AB) accuracy of first entry, where 1=correct, 0=incorrect

Column 29 (AC) tally of entry as an intrusion, where 1=repeat entry, 0=first entry

Column 30 (AD) second word entered

Column 31 (AE) accuracy of second entry, where 1=correct, 0=incorrect

Column 32 (AF) tally of entry as an intrusion, where 1=repeat entry, 0=first entry

Please note, columns continue in this fashion for however many words are recalled up to 30 entries.

**Numerical Speed**

Column 9 (I) condition where 1=same, 2=different

Column 10, 11 (J, K) stimuli

Column 12 (L) correct response

Column 13 (M) participant response

Column 14 (N) accuracy of response where 1=correct, 0=incorrect

Column 15 (O) response time in ms

**Object Location Memory**

Column 8 (H) total response time in ms

Column 9 (I) total possible

Column 10 (J) proportion correct (of 12)

Column 13 (M) row coordinate stimuli 1

Column 14 (N) column coordinate stimuli 1

Column 17 (Q) row coordinate stimuli 2

Column 18 (R) column coordinate stimuli 2

Column 21 (U) row coordinate stimuli 3

Column 22 (V) column coordinate stimuli 3

Column 25 (Y) row coordinate stimuli 4

Column 26 (Z) column coordinate stimuli 4

Column 29 (AC) row coordinate stimuli 5

Column 30 (AD) column coordinate stimuli 5

Column 33 (AG) row coordinate stimuli 6

Column 34 (AH) column coordinate stimuli 6

Column 37 (AK) row coordinate stimuli 7

Column 38 (AL) column coordinate stimuli 7

Column 41 (AO) row coordinate stimuli 8

Column 42 (AP) column coordinate stimuli 8

Column 45 (AS) row coordinate stimuli 9

Column 46 (AT) column coordinate stimuli 9

Column 49 (AW) row coordinate stimuli 10

Column 50 (AX) column coordinate stimuli 10

Column 53 (BA) row coordinate stimuli 11

Column 54 (BB) column coordinate stimuli 11

Column 57 (BE) row coordinate stimuli 12

Column 58 (BF) column coordinate stimuli 12

Column 61 (BI) number of first stimuli placed

Column 62 (BJ) row coordinate of first stimuli placed

Column 63 (BK) column coordinate of first stimuli placed

Column 64 (BL) accuracy of first stimuli placed, where 1=correct, 0=incorrect

Column 66 (BN) number of second stimuli placed

Column 67 (BO) row coordinate of second stimuli placed

Column 68 (BP) column coordinate of second stimuli placed

Column 69 (BQ) accuracy of second stimuli placed, where 1=correct, 0=incorrect

Column 71 (BS) number of third stimuli placed

Column 72 (BT) row coordinate of third stimuli placed

Column 73 (BU) column coordinate of third stimuli placed

Column 74 (BV) accuracy of third stimuli placed, where 1=correct, 0=incorrect

Column 76 (BX) number of fourth stimuli placed

Column 77 (BY) row coordinate of fourth stimuli placed

Column 78 (BZ) column coordinate of fourth stimuli placed

Column 79 (CA) accuracy of fourth stimuli placed, where 1=correct, 0=incorrect

Column 81 (CC) number of fifth stimuli placed

Column 82 (CD) row coordinate of fifth stimuli placed

Column 83 (CE) column coordinate of fifth stimuli placed

Column 84 (CF) accuracy of fifth stimuli placed, where 1=correct, 0=incorrect

Column 86 (CH) number of sixth stimuli placed

Column 87 (CI) row coordinate of sixth stimuli placed

Column 88 (CJ) column coordinate of sixth stimuli placed

Column 89 (CK) accuracy of sixth stimuli placed, where 1=correct, 0=incorrect

Column 91 (CM) number of seventh stimuli placed

Column 92 (CN) row coordinate of seventh stimuli placed

Column 93 (CO) column coordinate of seventh stimuli placed

Column 94 (CP) accuracy of seventh stimuli placed, where 1=correct, 0=incorrect

Column 96 (CR) number of eighth stimuli placed

Column 97 (CS) row coordinate of eighth stimuli placed

Column 98 (CT) column coordinate of eighth stimuli placed

Column 99 (CU) accuracy of eighth stimuli placed, where 1=correct, 0=incorrect

Column 101 (CW) number of ninth stimuli placed

Column 102 (CX) row coordinate of ninth stimuli placed

Column 103 (CY) column coordinate of ninth stimuli placed

Column 104 (CZ) accuracy of ninth stimuli placed, where 1=correct, 0=incorrect

Column 106 (DB) number of tenth stimuli placed

Column 107 (DC) row coordinate of tenth stimuli placed

Column 108 (DD) column coordinate of tenth stimuli placed  
Column 109 (DE) accuracy of tenth stimuli placed, where 1=correct, 0=incorrect

Column 111 (DG) number of eleventh stimuli placed

Column 112 (DH) row coordinate of eleventh stimuli placed

Column 113 (DI) column coordinate of eleventh stimuli placed

Column 114 (DJ) accuracy of eleventh stimuli placed, where 1=correct, 0=incorrect

Column 116 (DL) number of twelfth stimuli placed

Column 117 (DM) row coordinate of twelfth stimuli placed

Column 118 (DN) column coordinate of twelfth stimuli placed

Column 119 (DO) accuracy of twelfth stimuli placed, where 1=correct, 0=incorrect

**Verbal Speed**

Column 9 (I) condition where 1=same, 2=different

Column 10, 11 (J, K) stimuli

Column 12 (L) correct response

Column 13 (M) participant response

Column 14 (N) accuracy of response where 1=correct, 0=incorrect

Column 15 (O) response time in ms

**Number Memory**

Column 8 (H) correct response

Column 9 (I) noun stimulus

Column 10 (J) participant response

Column 11 (K) accuracy of response where 1=correct, 0=incorrect

Column 12 (L) response time in ms

**Figural Speed**

Column 9 (I) condition where 1=same, 2=different

Column 10, 11 (J, K) stimuli

Column 12 (L) correct response

Column 13 (M) participant response

Column 14 (N) accuracy of response where 1=correct, 0=incorrect

Column 15 (O) response time in ms

**Motoric Speed**

Column 11 (K) position darkened

Column 12 (L) corresponding response on keyboard

Column 13 (M) position indicated by participant

Column 14 (N) corresponding response on keyboard to participant response

Column 15 (O) response time in ms

Column 16 (P) accuracy of response where 1=correct, 0=incorrect