**Supplementary File 6.** Statistical results of SF6-eq1 (see below). To assess whether behaviour during the second assessment (i.e., A2) was predicted by neuroimaging measures during the first assessment (i.e., A1) while controlling for behaviour during the first assessment (i.e., A1), we employed SF6-eq1 as can be seen below which is a variant of eq3 that additionally includes behaviour during the first assessment as can be seen below highlighted in bold. The first column denotes the task (i.e., **Task 1**, **Task 2** or **Task 3**), the second column (i.e., “Prediction”) concerns predicting behaviour during the second assessment based on neurochemicals during the first assessment. The third column has three names separated by underscores, the first name corresponds to the region and the neurochemical used where IPS=intraparietal sulcus and MFG=middle frontal gyrus, and GLU=glutamate, GABA=gamma-Aminobutyric acid and NAA=N-acetylaspartate, the third name corresponds to the diffusion parameter that was used as the dependent variable, and the second name corresponds to the way each diffusion parameter was calculated where overall=the diffusion parameter was calculated across all trials, AL=alerting network, OR=orienting network, EX=executive network, DISTANCE=the effect of distance, SNARC= the effect of SNARC. For the rest of the columns (df=degrees of freedom, β=standardized coefficient, PBO=bootstrapped P-value), where β (column 5) and PBO (column 6) correspond to the neurochemical\*age interaction and β (column 7) and PBO (column 8) correspond to the main effect of the neurochemical. The column “int\_R2” is the adjusted R-squared of the model, and the column “non\_int\_R2” is the adjusted R-squared of the same model, but when omitting the interaction predictor and the column “delta\_R2” is the difference between “int\_R2” and “non\_int\_R2”.

 *behavioural score (A2) ~ neurotransmitter (A1)+age (A1)+neurotransmitter (A1)\*age (A1)+control behavioural score 1 (A1)+control behavioural score 2 (A1)+control behavioural score 1 (A2)+control behavioural score 2 (A2) +* ***behavioural score (A1)*** *+ age (A2)*

(SF6-eq1)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **df** | **β** | **PBO** | **β** | **PBO** | **int\_R2** | **non\_int\_R2** | **delta\_R2** |
| Task 1 | Prediction | IPSGLU\_overall\_MeanDriftRate | 160 | -0.08 | 7.8E-02 | -0.03 | 6.6E-01 | 0.72 | 0.71 | 0.00 |
| Task 1 | Prediction | IPSGLU\_AL\_MeanDriftRate | 158 | 0.11 | 1.5E-01 | 0.06 | 4.8E-01 | 0.37 | 0.36 | 0.01 |
| Task 1 | Prediction | IPSGLU\_OR\_MeanDriftRate | 155 | -0.02 | 7.0E-01 | -0.03 | 7.2E-01 | 0.41 | 0.41 | 0.00 |
| Task 1 | Prediction | IPSGLU\_EX\_MeanDriftRate | 158 | -0.13 | 9.0E-02 | -0.14 | 1.9E-01 | 0.24 | 0.23 | 0.01 |
| Task 1 | Prediction | IPSGABA\_overall\_MeanDriftRate | 160 | -0.14 | 4.0E-03 | 0.03 | 5.1E-01 | 0.72 | 0.70 | 0.01 |
| Task 1 | Prediction | IPSGABA\_AL\_MeanDriftRate | 158 | 0.06 | 3.8E-01 | 0.02 | 8.4E-01 | 0.38 | 0.39 | 0.00 |
| Task 1 | Prediction | IPSGABA\_OR\_MeanDriftRate | 155 | -0.01 | 9.1E-01 | -0.09 | 2.8E-01 | 0.42 | 0.43 | 0.00 |
| Task 1 | Prediction | IPSGABA\_EX\_MeanDriftRate | 158 | -0.03 | 7.2E-01 | 0.02 | 8.0E-01 | 0.22 | 0.22 | 0.00 |
| Task 1 | Prediction | IPSNAA\_overall\_MeanDriftRate | 161 | -0.02 | 6.4E-01 | -0.05 | 3.3E-01 | 0.71 | 0.71 | 0.00 |
| Task 1 | Prediction | IPSNAA\_AL\_MeanDriftRate | 159 | 0.04 | 6.4E-01 | 0.04 | 6.2E-01 | 0.36 | 0.36 | 0.00 |
| Task 1 | Prediction | IPSNAA\_OR\_MeanDriftRate | 157 | -0.01 | 8.7E-01 | -0.03 | 6.9E-01 | 0.35 | 0.36 | 0.00 |
| Task 1 | Prediction | IPSNAA\_EX\_MeanDriftRate | 159 | -0.06 | 4.2E-01 | -0.16 | 5.3E-02 | 0.24 | 0.24 | 0.00 |
| Task 1 | Prediction | MFGGLU\_overall\_MeanDriftRate | 159 | -0.03 | 5.6E-01 | 0.01 | 9.2E-01 | 0.72 | 0.72 | 0.00 |
| Task 1 | Prediction | MFGGLU\_AL\_MeanDriftRate | 155 | -0.10 | 1.6E-01 | -0.12 | 8.0E-02 | 0.48 | 0.48 | 0.00 |
| Task 1 | Prediction | MFGGLU\_OR\_MeanDriftRate | 154 | 0.04 | 6.2E-01 | 0.09 | 2.0E-01 | 0.45 | 0.45 | 0.00 |
| Task 1 | Prediction | MFGGLU\_EX\_MeanDriftRate | 157 | -0.08 | 3.2E-01 | -0.09 | 2.8E-01 | 0.25 | 0.25 | 0.00 |
| Task 1 | Prediction | MFGGABA\_overall\_MeanDriftRate | 154 | 0.09 | 6.7E-02 | 0.03 | 5.2E-01 | 0.72 | 0.71 | 0.00 |
| Task 1 | Prediction | MFGGABA\_AL\_MeanDriftRate | 152 | 0.03 | 6.6E-01 | 0.00 | 9.8E-01 | 0.40 | 0.40 | 0.00 |
| Task 1 | Prediction | MFGGABA\_OR\_MeanDriftRate | 150 | 0.19 | 3.4E-02 | -0.08 | 2.8E-01 | 0.41 | 0.38 | 0.02 |
| Task 1 | Prediction | MFGGABA\_EX\_MeanDriftRate | 151 | 0.15 | 3.3E-02 | 0.06 | 4.1E-01 | 0.26 | 0.25 | 0.01 |
| Task 1 | Prediction | MFGNAA\_overall\_MeanDriftRate | 158 | -0.04 | 4.8E-01 | -0.05 | 4.1E-01 | 0.71 | 0.71 | 0.00 |
| Task 1 | Prediction | MFGNAA\_AL\_MeanDriftRate | 156 | -0.02 | 8.3E-01 | -0.16 | 3.6E-02 | 0.41 | 0.42 | 0.00 |
| Task 1 | Prediction | MFGNAA\_OR\_MeanDriftRate | 155 | -0.05 | 6.0E-01 | 0.11 | 2.0E-01 | 0.38 | 0.38 | 0.00 |
| Task 1 | Prediction | MFGNAA\_EX\_MeanDriftRate | 156 | -0.02 | 7.7E-01 | -0.12 | 1.6E-01 | 0.24 | 0.25 | 0.00 |
| Task 1 | Prediction | IPSGLU\_overall\_BoundarySeparation | 160 | -0.12 | 2.1E-02 | -0.04 | 4.7E-01 | 0.72 | 0.71 | 0.01 |
| Task 1 | Prediction | IPSGLU\_AL\_BoundarySeparation | 157 | 0.08 | 3.3E-01 | 0.11 | 1.6E-01 | 0.53 | 0.52 | 0.00 |
| Task 1 | Prediction | IPSGLU\_OR\_BoundarySeparation | 155 | 0.01 | 9.0E-01 | -0.08 | 2.3E-01 | 0.54 | 0.55 | 0.00 |
| Task 1 | Prediction | IPSGLU\_EX\_BoundarySeparation | 156 | -0.05 | 5.4E-01 | -0.05 | 5.3E-01 | 0.55 | 0.55 | 0.00 |
| Task 1 | Prediction | IPSGABA\_overall\_BoundarySeparation | 160 | -0.10 | 4.2E-02 | 0.01 | 8.3E-01 | 0.70 | 0.70 | 0.01 |
| Task 1 | Prediction | IPSGABA\_AL\_BoundarySeparation | 158 | 0.00 | 9.8E-01 | -0.06 | 4.4E-01 | 0.52 | 0.52 | 0.00 |
| Task 1 | Prediction | IPSGABA\_OR\_BoundarySeparation | 156 | 0.11 | 6.1E-02 | -0.13 | 3.3E-02 | 0.51 | 0.51 | 0.01 |
| Task 1 | Prediction | IPSGABA\_EX\_BoundarySeparation | 157 | 0.03 | 6.4E-01 | -0.04 | 6.0E-01 | 0.54 | 0.55 | 0.00 |
| Task 1 | Prediction | IPSNAA\_overall\_BoundarySeparation | 161 | 0.00 | 9.7E-01 | -0.08 | 1.8E-01 | 0.71 | 0.71 | 0.00 |
| Task 1 | Prediction | IPSNAA\_AL\_BoundarySeparation | 158 | -0.05 | 4.5E-01 | 0.16 | 2.5E-02 | 0.54 | 0.54 | 0.00 |
| Task 1 | Prediction | IPSNAA\_OR\_BoundarySeparation | 156 | -0.03 | 6.9E-01 | -0.02 | 8.0E-01 | 0.54 | 0.54 | 0.00 |
| Task 1 | Prediction | IPSNAA\_EX\_BoundarySeparation | 157 | 0.19 | 5.6E-03 | -0.14 | 4.1E-02 | 0.58 | 0.55 | 0.03 |
| Task 1 | Prediction | MFGGLU\_overall\_BoundarySeparation | 159 | -0.07 | 2.8E-01 | -0.05 | 4.3E-01 | 0.71 | 0.71 | 0.00 |
| Task 1 | Prediction | MFGGLU\_AL\_BoundarySeparation | 156 | 0.11 | 1.5E-01 | -0.01 | 9.1E-01 | 0.56 | 0.56 | 0.00 |
| Task 1 | Prediction | MFGGLU\_OR\_BoundarySeparation | 154 | 0.00 | 9.6E-01 | 0.07 | 2.6E-01 | 0.57 | 0.57 | 0.00 |
| Task 1 | Prediction | MFGGLU\_EX\_BoundarySeparation | 156 | 0.07 | 3.8E-01 | -0.13 | 5.2E-02 | 0.53 | 0.53 | 0.00 |
| Task 1 | Prediction | MFGGABA\_overall\_BoundarySeparation | 154 | -0.09 | 5.6E-02 | 0.08 | 1.0E-01 | 0.72 | 0.72 | 0.01 |
| Task 1 | Prediction | MFGGABA\_AL\_BoundarySeparation | 151 | -0.02 | 7.5E-01 | 0.05 | 3.2E-01 | 0.53 | 0.54 | 0.00 |
| Task 1 | Prediction | MFGGABA\_OR\_BoundarySeparation | 150 | 0.14 | 2.2E-02 | -0.12 | 4.5E-02 | 0.56 | 0.55 | 0.01 |
| Task 1 | Prediction | MFGGABA\_EX\_BoundarySeparation | 149 | 0.12 | 4.6E-02 | -0.08 | 1.6E-01 | 0.58 | 0.57 | 0.01 |
| Task 1 | Prediction | MFGNAA\_overall\_BoundarySeparation | 158 | -0.02 | 7.1E-01 | -0.01 | 8.2E-01 | 0.71 | 0.71 | 0.00 |
| Task 1 | Prediction | MFGNAA\_AL\_BoundarySeparation | 155 | -0.01 | 8.6E-01 | -0.01 | 9.4E-01 | 0.53 | 0.54 | 0.00 |
| Task 1 | Prediction | MFGNAA\_OR\_BoundarySeparation | 155 | -0.02 | 8.1E-01 | 0.14 | 4.8E-02 | 0.54 | 0.55 | 0.00 |
| Task 1 | Prediction | MFGNAA\_EX\_BoundarySeparation | 155 | 0.19 | 2.0E-03 | -0.14 | 2.6E-02 | 0.57 | 0.54 | 0.03 |
| Task 1 | Prediction | IPSGLU\_overall\_NonDecisionTime | 158 | -0.04 | 5.6E-01 | 0.03 | 6.6E-01 | 0.70 | 0.70 | 0.00 |
| Task 1 | Prediction | IPSGLU\_AL\_NonDecisionTime | 154 | -0.28 | 2.4E-04 | 0.20 | 6.1E-03 | 0.43 | 0.37 | 0.06 |
| Task 1 | Prediction | IPSGLU\_OR\_NonDecisionTime | 153 | -0.01 | 9.3E-01 | -0.15 | 2.9E-02 | 0.44 | 0.44 | 0.00 |
| Task 1 | Prediction | IPSGLU\_EX\_NonDecisionTime | 154 | -0.16 | 8.5E-03 | 0.21 | 2.4E-03 | 0.55 | 0.53 | 0.02 |
| Task 1 | Prediction | IPSGABA\_overall\_NonDecisionTime | 157 | 0.09 | 1.0E-01 | -0.04 | 3.5E-01 | 0.71 | 0.70 | 0.00 |
| Task 1 | Prediction | IPSGABA\_AL\_NonDecisionTime | 154 | 0.09 | 2.5E-01 | 0.01 | 9.2E-01 | 0.38 | 0.38 | 0.00 |
| Task 1 | Prediction | IPSGABA\_OR\_NonDecisionTime | 154 | 0.12 | 8.2E-02 | -0.03 | 6.4E-01 | 0.44 | 0.43 | 0.01 |
| Task 1 | Prediction | IPSGABA\_EX\_NonDecisionTime | 155 | 0.03 | 7.0E-01 | 0.01 | 8.7E-01 | 0.57 | 0.57 | 0.00 |
| Task 1 | Prediction | IPSNAA\_overall\_NonDecisionTime | 158 | 0.02 | 6.7E-01 | -0.08 | 6.6E-02 | 0.71 | 0.71 | 0.00 |
| Task 1 | Prediction | IPSNAA\_AL\_NonDecisionTime | 155 | -0.01 | 8.7E-01 | 0.14 | 7.1E-02 | 0.38 | 0.39 | 0.00 |
| Task 1 | Prediction | IPSNAA\_OR\_NonDecisionTime | 154 | 0.15 | 6.8E-02 | -0.16 | 3.0E-02 | 0.46 | 0.44 | 0.02 |
| Task 1 | Prediction | IPSNAA\_EX\_NonDecisionTime | 156 | 0.18 | 1.2E-02 | -0.06 | 4.2E-01 | 0.58 | 0.55 | 0.02 |
| Task 1 | Prediction | MFGGLU\_overall\_NonDecisionTime | 157 | -0.06 | 3.0E-01 | 0.06 | 2.0E-01 | 0.73 | 0.73 | 0.00 |
| Task 1 | Prediction | MFGGLU\_AL\_NonDecisionTime | 152 | -0.09 | 3.1E-01 | 0.10 | 2.0E-01 | 0.37 | 0.36 | 0.00 |
| Task 1 | Prediction | MFGGLU\_OR\_NonDecisionTime | 152 | -0.14 | 6.9E-02 | -0.02 | 8.4E-01 | 0.47 | 0.46 | 0.01 |
| Task 1 | Prediction | MFGGLU\_EX\_NonDecisionTime | 153 | -0.05 | 5.5E-01 | 0.04 | 5.4E-01 | 0.52 | 0.52 | 0.00 |
| Task 1 | Prediction | MFGGABA\_overall\_NonDecisionTime | 152 | 0.03 | 5.1E-01 | -0.04 | 3.3E-01 | 0.73 | 0.73 | 0.00 |
| Task 1 | Prediction | MFGGABA\_AL\_NonDecisionTime | 148 | -0.03 | 7.9E-01 | 0.06 | 4.2E-01 | 0.34 | 0.34 | 0.00 |
| Task 1 | Prediction | MFGGABA\_OR\_NonDecisionTime | 147 | 0.08 | 2.6E-01 | -0.06 | 2.8E-01 | 0.48 | 0.48 | 0.00 |
| Task 1 | Prediction | MFGGABA\_EX\_NonDecisionTime | 148 | 0.01 | 9.2E-01 | -0.03 | 7.0E-01 | 0.58 | 0.58 | 0.00 |
| Task 1 | Prediction | MFGNAA\_overall\_NonDecisionTime | 156 | -0.04 | 5.4E-01 | 0.08 | 1.2E-01 | 0.73 | 0.73 | 0.00 |
| Task 1 | Prediction | MFGNAA\_AL\_NonDecisionTime | 151 | 0.03 | 6.7E-01 | 0.08 | 3.5E-01 | 0.36 | 0.36 | 0.00 |
| Task 1 | Prediction | MFGNAA\_OR\_NonDecisionTime | 153 | 0.19 | 3.0E-02 | -0.11 | 1.6E-01 | 0.52 | 0.49 | 0.03 |
| Task 1 | Prediction | MFGNAA\_EX\_NonDecisionTime | 153 | 0.17 | 1.8E-02 | -0.07 | 3.0E-01 | 0.58 | 0.56 | 0.02 |
| Task 2 | Prediction | IPSGLU\_overall\_MeanDriftRate | 147 | -0.05 | 3.6E-01 | 0.03 | 6.8E-01 | 0.73 | 0.73 | 0.00 |
| Task 2 | Prediction | IPSGLU\_SNARC\_MeanDriftRate | 151 | -0.01 | 8.7E-01 | 0.11 | 2.7E-01 | 0.12 | 0.12 | -0.01 |
| Task 2 | Prediction | IPSGLU\_DISTANCE\_MeanDriftRate | 151 | 0.13 | 8.4E-02 | -0.04 | 6.8E-01 | 0.29 | 0.28 | 0.01 |
| Task 2 | Prediction | IPSGABA\_overall\_MeanDriftRate | 147 | -0.17 | 1.2E-03 | -0.02 | 7.6E-01 | 0.75 | 0.73 | 0.02 |
| Task 2 | Prediction | IPSGABA\_SNARC\_MeanDriftRate | 151 | 0.14 | 6.9E-02 | 0.01 | 8.8E-01 | 0.12 | 0.11 | 0.01 |
| Task 2 | Prediction | IPSGABA\_DISTANCE\_MeanDriftRate | 151 | -0.08 | 3.0E-01 | -0.14 | 1.7E-01 | 0.29 | 0.29 | 0.00 |
| Task 2 | Prediction | IPSNAA\_overall\_MeanDriftRate | 148 | -0.03 | 4.7E-01 | -0.07 | 2.1E-01 | 0.73 | 0.73 | 0.00 |
| Task 2 | Prediction | IPSNAA\_SNARC\_MeanDriftRate | 152 | 0.08 | 2.8E-01 | 0.07 | 4.4E-01 | 0.11 | 0.12 | 0.00 |
| Task 2 | Prediction | IPSNAA\_DISTANCE\_MeanDriftRate | 153 | -0.15 | 5.6E-02 | 0.07 | 4.6E-01 | 0.27 | 0.25 | 0.02 |
| Task 2 | Prediction | MFGGLU\_overall\_MeanDriftRate | 146 | 0.01 | 7.9E-01 | 0.00 | 9.5E-01 | 0.71 | 0.71 | 0.00 |
| Task 2 | Prediction | MFGGLU\_SNARC\_MeanDriftRate | 149 | -0.10 | 2.4E-01 | -0.09 | 3.2E-01 | 0.15 | 0.15 | 0.00 |
| Task 2 | Prediction | MFGGLU\_DISTANCE\_MeanDriftRate | 150 | 0.11 | 2.6E-01 | -0.10 | 2.8E-01 | 0.30 | 0.30 | 0.00 |
| Task 2 | Prediction | MFGGABA\_overall\_MeanDriftRate | 142 | 0.09 | 4.8E-02 | -0.02 | 7.4E-01 | 0.72 | 0.72 | 0.00 |
| Task 2 | Prediction | MFGGABA\_SNARC\_MeanDriftRate | 143 | 0.06 | 4.9E-01 | -0.12 | 1.7E-01 | 0.15 | 0.16 | 0.00 |
| Task 2 | Prediction | MFGGABA\_DISTANCE\_MeanDriftRate | 146 | 0.03 | 6.7E-01 | 0.02 | 7.3E-01 | 0.25 | 0.26 | 0.00 |
| Task 2 | Prediction | MFGNAA\_overall\_MeanDriftRate | 145 | -0.08 | 7.6E-02 | -0.06 | 2.8E-01 | 0.72 | 0.71 | 0.00 |
| Task 2 | Prediction | MFGNAA\_SNARC\_MeanDriftRate | 147 | 0.12 | 1.1E-01 | 0.02 | 7.9E-01 | 0.15 | 0.14 | 0.00 |
| Task 2 | Prediction | MFGNAA\_DISTANCE\_MeanDriftRate | 150 | -0.18 | 1.7E-02 | -0.10 | 2.6E-01 | 0.29 | 0.27 | 0.02 |
| Task 2 | Prediction | IPSGLU\_overall\_BoundarySeparation | 144 | -0.15 | 1.4E-02 | 0.14 | 2.5E-02 | 0.67 | 0.66 | 0.01 |
| Task 2 | Prediction | IPSGLU\_SNARC\_BoundarySeparation | 150 | -0.02 | 8.1E-01 | -0.07 | 3.3E-01 | 0.59 | 0.59 | 0.00 |
| Task 2 | Prediction | IPSGLU\_DISTANCE\_BoundarySeparation | 151 | 0.18 | 4.0E-02 | -0.14 | 8.4E-02 | 0.29 | 0.27 | 0.02 |
| Task 2 | Prediction | IPSGABA\_overall\_BoundarySeparation | 145 | -0.09 | 1.5E-01 | 0.00 | 9.7E-01 | 0.62 | 0.62 | 0.00 |
| Task 2 | Prediction | IPSGABA\_SNARC\_BoundarySeparation | 150 | 0.04 | 5.5E-01 | -0.05 | 4.0E-01 | 0.58 | 0.58 | 0.00 |
| Task 2 | Prediction | IPSGABA\_DISTANCE\_BoundarySeparation | 151 | 0.04 | 6.1E-01 | 0.11 | 2.2E-01 | 0.26 | 0.27 | 0.00 |
| Task 2 | Prediction | IPSNAA\_overall\_BoundarySeparation | 146 | -0.08 | 2.1E-01 | 0.07 | 2.5E-01 | 0.63 | 0.63 | 0.00 |
| Task 2 | Prediction | IPSNAA\_SNARC\_BoundarySeparation | 151 | 0.00 | 9.6E-01 | -0.11 | 1.0E-01 | 0.59 | 0.59 | 0.00 |
| Task 2 | Prediction | IPSNAA\_DISTANCE\_BoundarySeparation | 152 | -0.01 | 9.0E-01 | 0.03 | 7.7E-01 | 0.25 | 0.26 | 0.00 |
| Task 2 | Prediction | MFGGLU\_overall\_BoundarySeparation | 143 | -0.12 | 5.7E-02 | 0.08 | 1.6E-01 | 0.69 | 0.68 | 0.01 |
| Task 2 | Prediction | MFGGLU\_SNARC\_BoundarySeparation | 149 | -0.06 | 3.4E-01 | -0.07 | 2.1E-01 | 0.58 | 0.58 | 0.00 |
| Task 2 | Prediction | MFGGLU\_DISTANCE\_BoundarySeparation | 150 | 0.08 | 3.2E-01 | -0.11 | 1.6E-01 | 0.27 | 0.27 | 0.00 |
| Task 2 | Prediction | MFGGABA\_overall\_BoundarySeparation | 140 | -0.10 | 1.0E-01 | 0.04 | 4.3E-01 | 0.69 | 0.69 | 0.01 |
| Task 2 | Prediction | MFGGABA\_SNARC\_BoundarySeparation | 144 | 0.00 | 9.8E-01 | 0.07 | 3.3E-01 | 0.58 | 0.58 | 0.00 |
| Task 2 | Prediction | MFGGABA\_DISTANCE\_BoundarySeparation | 145 | -0.07 | 4.0E-01 | -0.02 | 8.4E-01 | 0.27 | 0.27 | 0.00 |
| Task 2 | Prediction | MFGNAA\_overall\_BoundarySeparation | 142 | -0.06 | 2.8E-01 | 0.11 | 3.4E-02 | 0.69 | 0.69 | 0.00 |
| Task 2 | Prediction | MFGNAA\_SNARC\_BoundarySeparation | 148 | 0.00 | 9.6E-01 | -0.11 | 9.2E-02 | 0.58 | 0.59 | 0.00 |
| Task 2 | Prediction | MFGNAA\_DISTANCE\_BoundarySeparation | 149 | 0.01 | 9.2E-01 | -0.01 | 9.2E-01 | 0.26 | 0.26 | 0.00 |
| Task 2 | Prediction | IPSGLU\_overall\_NonDecisionTime | 144 | -0.10 | 1.6E-01 | 0.13 | 3.7E-02 | 0.77 | 0.76 | 0.01 |
| Task 2 | Prediction | IPSGLU\_SNARC\_NonDecisionTime | 150 | 0.06 | 3.5E-01 | -0.06 | 2.9E-01 | 0.57 | 0.57 | 0.00 |
| Task 2 | Prediction | IPSGLU\_DISTANCE\_NonDecisionTime | 149 | 0.28 | 5.5E-03 | -0.18 | 3.8E-02 | 0.43 | 0.38 | 0.05 |
| Task 2 | Prediction | IPSGABA\_overall\_NonDecisionTime | 142 | 0.15 | 1.1E-02 | 0.03 | 5.7E-01 | 0.79 | 0.78 | 0.01 |
| Task 2 | Prediction | IPSGABA\_SNARC\_NonDecisionTime | 150 | -0.01 | 9.4E-01 | 0.01 | 8.3E-01 | 0.56 | 0.56 | 0.00 |
| Task 2 | Prediction | IPSGABA\_DISTANCE\_NonDecisionTime | 148 | -0.01 | 9.1E-01 | 0.03 | 7.4E-01 | 0.40 | 0.41 | 0.00 |
| Task 2 | Prediction | IPSNAA\_overall\_NonDecisionTime | 144 | 0.07 | 2.1E-01 | 0.00 | 9.4E-01 | 0.79 | 0.79 | 0.00 |
| Task 2 | Prediction | IPSNAA\_SNARC\_NonDecisionTime | 151 | 0.00 | 9.8E-01 | -0.08 | 2.3E-01 | 0.56 | 0.57 | 0.00 |
| Task 2 | Prediction | IPSNAA\_DISTANCE\_NonDecisionTime | 150 | -0.02 | 8.0E-01 | 0.03 | 6.6E-01 | 0.40 | 0.41 | 0.00 |
| Task 2 | Prediction | MFGGLU\_overall\_NonDecisionTime | 143 | -0.02 | 7.7E-01 | 0.00 | 9.2E-01 | 0.77 | 0.77 | 0.00 |
| Task 2 | Prediction | MFGGLU\_SNARC\_NonDecisionTime | 149 | 0.01 | 8.8E-01 | -0.07 | 1.8E-01 | 0.55 | 0.56 | 0.00 |
| Task 2 | Prediction | MFGGLU\_DISTANCE\_NonDecisionTime | 148 | 0.17 | 3.8E-02 | -0.12 | 5.6E-02 | 0.44 | 0.43 | 0.01 |
| Task 2 | Prediction | MFGGABA\_overall\_NonDecisionTime | 139 | -0.01 | 8.5E-01 | 0.02 | 6.3E-01 | 0.79 | 0.79 | 0.00 |
| Task 2 | Prediction | MFGGABA\_SNARC\_NonDecisionTime | 144 | -0.08 | 3.1E-01 | 0.05 | 4.6E-01 | 0.55 | 0.55 | 0.00 |
| Task 2 | Prediction | MFGGABA\_DISTANCE\_NonDecisionTime | 143 | -0.02 | 8.1E-01 | 0.05 | 4.7E-01 | 0.41 | 0.41 | 0.00 |
| Task 2 | Prediction | MFGNAA\_overall\_NonDecisionTime | 142 | 0.08 | 1.7E-01 | 0.00 | 9.1E-01 | 0.79 | 0.79 | 0.00 |
| Task 2 | Prediction | MFGNAA\_SNARC\_NonDecisionTime | 148 | 0.04 | 6.2E-01 | -0.12 | 2.9E-02 | 0.56 | 0.56 | 0.00 |
| Task 2 | Prediction | MFGNAA\_DISTANCE\_NonDecisionTime | 147 | 0.01 | 9.1E-01 | -0.12 | 1.0E-01 | 0.41 | 0.42 | 0.00 |
| Task 3 | Prediction | IPSGLU\_overall\_MeanDriftRate | 138 | 0.01 | 8.3E-01 | 0.03 | 7.1E-01 | 0.69 | 0.69 | 0.00 |
| Task 3 | Prediction | IPSGLU\_DISTANCE\_MeanDriftRate | 137 | -0.04 | 6.4E-01 | -0.17 | 9.8E-02 | 0.11 | 0.12 | 0.00 |
| Task 3 | Prediction | IPSGABA\_overall\_MeanDriftRate | 138 | -0.05 | 3.7E-01 | 0.02 | 7.4E-01 | 0.71 | 0.71 | 0.00 |
| Task 3 | Prediction | IPSGABA\_DISTANCE\_MeanDriftRate | 138 | -0.06 | 4.3E-01 | -0.04 | 6.3E-01 | 0.10 | 0.10 | 0.00 |
| Task 3 | Prediction | IPSNAA\_overall\_MeanDriftRate | 138 | -0.08 | 1.2E-01 | -0.05 | 3.4E-01 | 0.72 | 0.71 | 0.00 |
| Task 3 | Prediction | IPSNAA\_DISTANCE\_MeanDriftRate | 138 | -0.08 | 3.4E-01 | -0.15 | 1.1E-01 | 0.12 | 0.12 | 0.00 |
| Task 3 | Prediction | MFGGLU\_overall\_MeanDriftRate | 135 | -0.15 | 1.2E-02 | -0.07 | 2.9E-01 | 0.71 | 0.70 | 0.01 |
| Task 3 | Prediction | MFGGLU\_DISTANCE\_MeanDriftRate | 135 | 0.01 | 9.6E-01 | -0.10 | 3.0E-01 | 0.10 | 0.10 | -0.01 |
| Task 3 | Prediction | MFGGABA\_overall\_MeanDriftRate | 131 | 0.02 | 7.6E-01 | 0.08 | 1.2E-01 | 0.69 | 0.69 | 0.00 |
| Task 3 | Prediction | MFGGABA\_DISTANCE\_MeanDriftRate | 130 | -0.03 | 7.4E-01 | 0.12 | 1.6E-01 | 0.11 | 0.11 | -0.01 |
| Task 3 | Prediction | MFGNAA\_overall\_MeanDriftRate | 135 | -0.11 | 3.1E-02 | -0.08 | 1.3E-01 | 0.69 | 0.68 | 0.01 |
| Task 3 | Prediction | MFGNAA\_DISTANCE\_MeanDriftRate | 134 | 0.04 | 6.5E-01 | 0.00 | 1.0E+00 | 0.08 | 0.08 | -0.01 |
| Task 3 | Prediction | IPSGLU\_overall\_BoundarySeparation | 138 | -0.10 | 1.8E-01 | 0.11 | 1.2E-01 | 0.60 | 0.59 | 0.01 |
| Task 3 | Prediction | IPSGLU\_DISTANCE\_BoundarySeparation | 137 | -0.05 | 2.8E-01 | 0.09 | 1.2E-01 | 0.68 | 0.68 | 0.00 |
| Task 3 | Prediction | IPSGABA\_overall\_BoundarySeparation | 138 | 0.10 | 1.6E-01 | -0.03 | 7.1E-01 | 0.57 | 0.57 | 0.00 |
| Task 3 | Prediction | IPSGABA\_DISTANCE\_BoundarySeparation | 138 | 0.10 | 9.7E-02 | 0.04 | 5.2E-01 | 0.68 | 0.67 | 0.01 |
| Task 3 | Prediction | IPSNAA\_overall\_BoundarySeparation | 139 | 0.01 | 8.8E-01 | 0.01 | 9.3E-01 | 0.58 | 0.59 | 0.00 |
| Task 3 | Prediction | IPSNAA\_DISTANCE\_BoundarySeparation | 137 | 0.12 | 2.9E-02 | -0.07 | 1.8E-01 | 0.67 | 0.66 | 0.01 |
| Task 3 | Prediction | MFGGLU\_overall\_BoundarySeparation | 136 | -0.15 | 2.5E-02 | 0.02 | 7.2E-01 | 0.60 | 0.59 | 0.01 |
| Task 3 | Prediction | MFGGLU\_DISTANCE\_BoundarySeparation | 134 | 0.06 | 3.4E-01 | -0.06 | 3.4E-01 | 0.65 | 0.65 | 0.00 |
| Task 3 | Prediction | MFGGABA\_overall\_BoundarySeparation | 131 | -0.03 | 6.9E-01 | 0.20 | 5.0E-04 | 0.62 | 0.62 | 0.00 |
| Task 3 | Prediction | MFGGABA\_DISTANCE\_BoundarySeparation | 130 | 0.02 | 7.4E-01 | -0.01 | 8.4E-01 | 0.65 | 0.65 | 0.00 |
| Task 3 | Prediction | MFGNAA\_overall\_BoundarySeparation | 135 | 0.03 | 6.3E-01 | 0.06 | 3.6E-01 | 0.58 | 0.58 | 0.00 |
| Task 3 | Prediction | MFGNAA\_DISTANCE\_BoundarySeparation | 133 | 0.08 | 1.7E-01 | -0.03 | 6.5E-01 | 0.65 | 0.65 | 0.00 |
| Task 3 | Prediction | IPSGLU\_overall\_NonDecisionTime | 135 | -0.10 | 5.3E-02 | 0.04 | 5.6E-01 | 0.62 | 0.61 | 0.00 |
| Task 3 | Prediction | IPSGLU\_DISTANCE\_NonDecisionTime | 137 | -0.05 | 4.1E-01 | 0.13 | 3.3E-02 | 0.69 | 0.69 | 0.00 |
| Task 3 | Prediction | IPSGABA\_overall\_NonDecisionTime | 136 | 0.23 | 2.6E-04 | -0.06 | 2.3E-01 | 0.66 | 0.62 | 0.04 |
| Task 3 | Prediction | IPSGABA\_DISTANCE\_NonDecisionTime | 137 | 0.14 | 1.9E-02 | 0.02 | 7.4E-01 | 0.71 | 0.69 | 0.02 |
| Task 3 | Prediction | IPSNAA\_overall\_NonDecisionTime | 137 | 0.11 | 1.3E-01 | -0.07 | 2.2E-01 | 0.64 | 0.64 | 0.01 |
| Task 3 | Prediction | IPSNAA\_DISTANCE\_NonDecisionTime | 137 | 0.12 | 3.4E-02 | 0.00 | 9.5E-01 | 0.70 | 0.69 | 0.01 |
| Task 3 | Prediction | MFGGLU\_overall\_NonDecisionTime | 134 | -0.07 | 4.2E-01 | -0.01 | 9.2E-01 | 0.65 | 0.65 | 0.00 |
| Task 3 | Prediction | MFGGLU\_DISTANCE\_NonDecisionTime | 135 | 0.13 | 8.6E-02 | -0.03 | 6.5E-01 | 0.67 | 0.66 | 0.01 |
| Task 3 | Prediction | MFGGABA\_overall\_NonDecisionTime | 128 | 0.04 | 6.6E-01 | -0.02 | 7.5E-01 | 0.63 | 0.63 | 0.00 |
| Task 3 | Prediction | MFGGABA\_DISTANCE\_NonDecisionTime | 129 | 0.09 | 1.7E-01 | -0.05 | 3.1E-01 | 0.68 | 0.68 | 0.00 |
| Task 3 | Prediction | MFGNAA\_overall\_NonDecisionTime | 132 | 0.12 | 1.6E-01 | -0.02 | 8.0E-01 | 0.64 | 0.63 | 0.01 |
| Task 3 | Prediction | MFGNAA\_DISTANCE\_NonDecisionTime | 133 | 0.12 | 6.8E-02 | -0.01 | 7.9E-01 | 0.68 | 0.67 | 0.01 |