**Supplementary Table 1**. Neural Reactivity to Reward Anticipation (With Covariates)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Peak Coordinates | | |  |  |
| Regions of Activation | Laterality | x | y | z | Cluster | Max Z |
| Main Effects of Task  **MID>SID** |  |  |  |  |  |  |
| Occipital Pole  Occipital Pole  Intracalcarine Cortex  Lingual Gyrus  Occipital Fusiform Gyrus  Intracalcarine Cortex  Main Effects of Group  **HC>BD**  Inferior Frontal Gyrus  Inferior Frontal Gyrus  Inferior Frontal Gyrus  Inferior Frontal Gyrus  Inferior Frontal Gyrus  Inferior Frontal Gyrus  Middle Temporal Gyrus  Middle Temporal Gyrus  Middle Temporal Gyrus  Middle Temporal Gyrus  Superior Temporal Gyrus  Angular Gyrus | R  L  L  R  L  R  R  R  R  R  R  R  R  R  R  R  R  R | 10  -10  -14  10  -16  14  62  62  60  50  56  48  52  60  54  50  68  50 | -90  -92  -84  -80  -80  -76  18  14  18  14  30  10  -46  -54  -52  -46  -26  -52 | -4  -4  2  -14  -16  8  12  10  18  14  -14  12  4  6  10  -2  6  26 | 71954  1051  635 | 7.79  7.25  6.74  6.63  6.49  6.46  4.07  3.96  3.5  3.34  3.34  3.32  3.97  3.64  3.63  3.37  3.27  3.16 |

*Note:* Peak coordinates for main cluster and local maxima are reported in Montreal Neurological Institute (MNI) space (x, y, z). Results are cluster corrected at p<0.05.

**Supplementary Table 2**. Neural Reactivity to Reward Receipt (With Covariates)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Peak Coordinates | | |  |  |
| Regions of Activation | Laterality | x | y | z | Cluster | Max Z |
| Group × Task Interaction Effects  **Greater MID>SID difference in HC Group** |  |  |  |  |  |  |
| Superior Frontal Gyrus  Superior Frontal Gyrus  Frontal Pole  Superior Frontal Gyrus  Superior Frontal Gyrus  Frontal Pole  Temporal Pole  Temporal Pole  Orbitofrontal Cortex  Inferior Frontal Gyrus  Frontal Operculum Cortex  Insular Cortex  Temporal Pole  Temporal Pole  Temporal Pole  Planum Polare  Planum Polare  Central Opercular Cortex  Frontal Pole  Frontal Pole  Frontal Pole  Frontal Pole  Frontal Pole  Frontal Pole  Main Effects of Task  **MID>SID**  Supramarginal Gyrus  Supramarginal Gyrus  Occipital Fusiform Gyrus  Lingual Gyrus  Occipital Pole  Lingual Gyrus  Middle Frontal Gyrus  Middle Frontal Gyrus  Middle Frontal Gyrus  Middle Frontal Gyrus  Frontal Pole  Middle Frontal Gyrus  **SID>MID**  Orbitofrontal Cortex  Inferior Frontal Gyrus  Orbitofrontal Cortex  Inferior Frontal Gyrus  Orbitofrontal Cortex  Orbitofrontal Cortex  Frontal Pole  Superior Frontal Gyrus  Frontal Pole  Paracingulate Gyrus  Superior Frontal Gyrus  Superior Frontal Gyrus  Orbitofrontal Cortex  Orbitofrontal Cortex  Inferior Frontal Gyrus  Inferior Frontal Gyrus  Temporal Pole  Temporal Pole  Thalamus  Brain Stem  Brain Stem  Thalamus  Brain Stem  Brain Stem  Precuneous Cortex  Main Effects of Group  **BD>HC**  Supramarginal Gyrus  Postcentral Gyrus  Postcentral Gyrus  Postcentral Gyrus  Precentral Gyrus  Precentral Gyrus  Lingual Gyrus  Cerebellum  Lateral Occipital Cortex  Cerebellum  Lateral Occipital Cortex  Lateral Occipital Cortex  Thalamus  Thalamus  Thalamus  Nucleus Accumbens  Thalamus  Thalamus  Frontal Pole  Frontal Pole  Frontal Pole  Frontal Pole  Frontal Pole  Frontal Pole  Cingulate Gyrus  Precentral Gyrus  Cingulate Gyrus  Precentral Gyrus  Juxtapositional Lobule Cortex  Cingulate Gyrus  Inferior Frontal Gyrus  Temporal Pole  Temporal Pole  Temporal Pole  Temporal Pole  Precentral Gyrus  Precentral Gyrus  Precentral Gyrus  Precentral Gyrus  Precentral Gyrus  Postcentral Gyrus  Precentral Gyrus  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | R  L  R  R  L  L  L  L  L  L  L  L  R  R  R  R  R  R  Midline  L  L  R  L  R  R  R  L  L  L  L  R  R  R  R  R  R  L  L  L  L  L  L  L  L  L  L  L  L  R  R  R  R  R  R  L  Midline  L  L  L  L  L  R  R  R  R  R  R  L  L  L  R  L  L  L  L  R  R  R  R  R  R  R  R  R  R  L  R  L  R  L  Midline  R  R  R  R  R  R  L  L  L  L  L  L  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 8  -12  22  18  -8  -20  -36  -40  -36  -52  -38  -30  46  52  54  46  48  48  0  -8  -2  2  -6  10  50  50  -14  -10  -14  -8  26  36  28  36  30  38  -48  -52  -38  -52  -40  -48  -2  -4  -8  -4  -8  -6  44  34  56  58  50  56  -2  0  -4  -8  -4  -2  -4  44  46  46  46  44  40  -14  -12  -40  4  -36  -56  -14  -14  6  6  6  12  42  44  40  36  30  26  -4  14  -10  12  -2  0  60  48  56  56  38  60  -46  -44  -34  -38  -46  -20  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 18  16  44  30  12  40  18  16  16  20  20  16  18  14  12  0  -2  6  62  62  68  68  68  60  -40  -42  -84  -82  -94  -84  18  34  24  32  54  30  30  28  24  30  32  24  58  20  54  18  42  30  32  16  32  26  14  10  -14  -34  -30  -30  -32  -32  -56  -38  -20  -20  -22  -14  -16  -88  -56  -82  -70  -86  -62  -24  -16  -12  10  -22  -14  50  40  52  48  66  70  -18  -22  -12  -24  -14  -20  20  26  20  22  20  14  -6  -20  -16  -22  -28  -24  \_\_\_\_\_\_\_\_\_\_\_\_\_ | 58  54  36  48  56  42  -28  -20  -16  0  2  -12  -24  -6  -10  -12  -2  -2  26  24  22  16  22  34  34  38  -4  -14  22  -8  50  40  44  28  16  34  -14  2  -16  -6  -16  -6  30  54  36  46  40  54  -12  -22  -8  2  -28  -26  6  -6  -10  0  -6  -2  30  54  62  58  54  64  58  -6  -18  -10  -18  -14  2  4  14  8  -8  8  12  0  10  6  6  0  2  26  44  34  48  48  44  26  -24  -12  -16  -26  36  60  42  64  58  54  66  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 874  745  687  431  35332  12573  8258  4324  3644  544  468  3215  2732  2436  1010  787  732  668  \_\_\_\_\_\_\_\_\_\_\_\_\_ | 3.75  3.7  3.7  3.67  3.62  3.6  3.89  3.8  3.64  3.49  3.39  3.18  3.89  3.73  3.69  3.26  3.04  3.02  3.6  3.39  3.32  3.26  3.26  3.1  6.39  6.24  6.15  6.13  6.11  6.07  6.76  5.97  5.97  5.75  5.42  5.39  7.54  7.09  6.9  6.75  6.48  6.37  7.16  6.5  5.87  5.53  5.48  5.26  6.33  5.29  5.04  4.98  4.8  4.67  3.65  3.47  3.43  3.39  3.37  3.29  5.39  4.58  4.22  4.11  4.05  4.02  3.97  4.25  4.21  4.1  4.08  4.01  3.93  4.15  4.08  3.96  3.86  3.78  3.77  4.49  4.04  3.88  3.78  3.33  3.31  3.73  3.36  3.34  3.34  3.3  3.18  3.63  3.6  3.47  3.44  3.33  3.28  3.37  3.31  3.23  3.17  3.16  3.16  \_\_\_\_\_\_\_ |

*Note:* Peak coordinates for main cluster and local maxima are reported in Montreal Neurological Institute (MNI) space (x, y, z). Results are cluster corrected at p<0.05.