Supplemental Table 1. Significant whole-brain results from the EFAT task for angry and fearful faces.

Mask/Emotion	Region	BA	MNI x	MNI y	MNI z	Peak Z	Cluster k mm^3
Positive HDRS Change							
Anger	Superior Frontal	9	10	56	36	2.98	41
		11	14	52	-12	3.61	121
		46	36	50	26	2.85	20
		9	-4	50	36	2.92	40
	Middle Frontal	48	28	26	30	3.81	66
		46	-38	32	30	3.42	168
	Medial Frontal	47	-26	40	12	3.72	29
		6	-18	-2	48	2.94	21
	Inferior Frontal	45	56	28	2	3.94	167
		6	56	4	26	2.98	67
		48	-36	26	14	3.33	232
	Orbital Frontal	11	2	44	-16	2.94	144
		47	-32	22	-26	3.23	16
	Gyrus Rectus	11	10	26	-18	3.03	102
	Precentral	6	-44	0	50	3.01	31
	Postcentral	22	-64	-18	16	3.06	18
	Anterior Cingulate	24	8	0	30	3.14	25
		24	-8	2	34	3.01	31
	Superior Temporal	22	-54	-8	-8	3.78	476
		42	-62	-28	16	3.65	145
	Middle Temporal	39	48	-76	20	3.12	67
	Inferior Temporal	21	60	-8	-28	3.92	1394
	Insula	20	-38	-20	-8	3.06	17
	Uncus	20	24	-10	-38	3.59	32
	Inferior Parietal / Precuneus	7	-18	-64	64	4.93	11227
	Precuneus		0	-48	10	3.38	77
		19	24	-60	26	3.30	32
	Caudate	25	12	24	10	4.02	50
	Fusiform	20	-30	-14	-40	3.06	43
	Fusiform / Hippocampus	20	-36	-36	-20	5.52	1134
	Parahippocampal	20	26	-20	-12	2.96	18
	Inferior Occipital	18	20	-92	-16	3.93	146
	Cerebellum		8	-2	-18	3.96	22
	Cerebellum, Declive		44	-56	-26	4.19	648
Fear	Precentral	43	60	-6	24	3.11	45
		4	-48	-8	28	3.97	117
	Fusiform	30	-22	-24	-28	4.57	28
	Middle Occipital	37	36	-66	2	3.02	15
	Cerebellum, Vermis		-2	-42	-36	2.81	17
Negative HDRS Change							

Anger	Medial Frontal	11	8	62	-8	3.98	28
	Rostral Cingulate	11	4	34	-2	2.89	24
Fear	Superior Frontal	6	18	-2	70	3.37	79
		11	28	50	-18	3.18	43
	Middle Frontal	6	-44	4	50	3.83	53
		8	30	12	58	3.18	22
	Inferior Frontal	6	54	10	18	3.75	214
		38	46	24	-18	2.96	18
	Superior Temporal	22	54	-48	18	3.35	53
	Superior Parietal	7	14	-62	66	3.60	96
	Inferior Parietal	39	-42	-60	46	3.00	108
	Supramarginal	40	50	-40	38	3.38	74
	Paracentral	4	10	-40	66	2.98	18
	Precuneus		-12	-70	32	3.87	56
	Fusiform	20	42	-26	-26	3.10	35
	Subcallosal		4	6	-16	3.36	352
	Cerebellum, Tuber		44	-54	-36	3.07	21

Note. Significant clusters were found at a $p < .005$, $k > 15$ contiguous cluster threshold, for a resulting minimum effect size to avoid Type II error.

Supplemental Table 2. Significant whole-brain results for Reward Anticipation.

Region	BA	MNI			Peak Z	Cluster k
		x	y	z		
Positive HDRS Change						
Superior Frontal	6	10	14	60	3.6	37
Medial Frontal	9	-12	50	32	3.44	196
	10	-14	58	14	3.32	33
	9	6	52	24	2.85	36
Ventral Medial Frontal	10	-10	56	-6	3.54	88
Inferior Frontal	45	56	26	18	2.94	19
Rostral Cingulate	24	-2	32	10	3.45	46
Posterior Cingulate	30	-12	-60	22	3.57	42
Middle Temporal	38	42	8	-32	3.39	27
Pulvinar		-14	-20	2	3.34	21
Putamen		-22	-4	18	3.1	25
Negative HDRS Change						
Ventral Medial Frontal	11	14	32	-22	3.44	28

Note. Significant clusters were found at a $p < .005$, $k > 15$ contiguous cluster threshold, for a resulting minimum effect size to avoid Type II error. N/A regions = 1.

Supplemental Table 3. Significant whole-brain results from the PGNG Task, including Commission Errors and Correct Rejections.

Contrast	Region	BA	MNI			Peak Z	Cluster k
			x	y	z		
			Positive HDRS Change				
Comissions	Middle Occipital	19	46	-80	14	3.24	19
Rejections	Middle Frontal	10	-36	46	24	3.43	62
	Cuneus	18	-10	-102	-6	4.26	20
			Negative HDRS Change				
Comissions	Medial Frontal	11	6	34	-12	3.04	25
		25	-4	8	-18	3.31	18
	Precentral	6	50	-2	10	2.97	27
	Insula	13	38	32	4	3.42	41
	Middle Temporal	37	-50	-38	-16	3.29	45
	Caudate		-12	-10	28	3.11	34
	Putamen		24	18	6	3.17	25
	Globus Pallidus		18	-12	-4	3.05	20
	Red Nucleus		-6	-18	-10	2.83	16
	Midbrain		-2	-34	-12	3.25	34
Rejections	Orbital frontal	25	-14	6	-20	3.1	17
	Inferior frontal	47	42	30	-14	3.51	177
		47	-44	32	-16	3.85	214
	Anterior Cingulate	32	16	48	0	2.95	32
	Inferior Parietal	40	-46	-44	22	3.22	28
	Superior Temporal	22	64	-34	8	3.19	68
		38	58	10	-14	3.75	28
		22	38	-56	14	3.04	19
		38	-34	6	-22	3.12	21
		21	-54	-8	-4	2.85	17
	Middle Temporal	21	-46	-34	-2	3.48	87
		22	-50	-22	-8	3	31
	Parahippocampal	36	30	-44	-4	3.24	47
		34	-20	-8	-16	2.98	26
	Insula	13	40	-12	22	2.81	17
		13	-36	-4	-8	2.92	24
	Insula/ Putamen		28	8	8	3.71	103
	Putamen		32	4	-10	3.24	63
	Hippocampal		-30	-32	-4	3.48	35
	Amygdala		-20	-8	-10	3.78	24

Caudate	12	20	6	3.08	38
	14	-6	26	3.27	42
	-10	18	8	3.85	20
Thalamus	-8	-12	24	4.19	88
Pulvinar	14	-24	16	3.44	84
Calcarine	-24	-74	6	3.16	37
Midbrain	-2	-34	-14	3.66	27

Note. Significant clusters were found at a $p < .005$, $k > 15$ contiguous cluster threshold, for a resulting minimum effect size to avoid Type II error. N/A regions = 3.

Supplemental Table 4. Significant whole-brain results from the Resting State Networks.

Network-Seed	Region	BA	MNI			Peak Z	Cluster k
			x	y	z		
			Positive HDRS Change				
CCN-Right DLPFC	Anterior Cingulate	32	-4	44	-2	4.03	130
	Superior Frontal	8	14	40	38	4.17	25
		10	-26	62	8	3.77	147
		9	-16	42	34	3.53	66
		9	-48	20	36	3.49	73
		10	-8	60	26	3.08	24
	Medial Frontal	9	-6	28	36	3.52	24
		11	-4	46	-16	3.03	30
	Inferior Frontal	45	-52	34	0	3.61	19
	Precentral	3	46	-20	52	3.64	40
		6	-48	-2	30	3.34	81
		6	-46	-12	42	3.09	15
	Superior Parietal	7	-28	-54	46	3.83	74
	Precuneus	7	-20	-70	50	3.77	18
		19	22	-58	48	3.07	31
	Posterior cingulate	30	-8	-56	12	3.85	163
		31	-6	-44	24	3.69	49
	Fusiform	37	-36	-50	-20	3.86	67
	Superior Temporal	42	70	-20	10	3.92	50
	Middle Temporal	21	52	-4	-20	3.48	25
		22	-34	-58	22	3.08	23
	Cuneus	17	-20	-100	0	4.41	173
		18	-4	-94	22	3.92	86
	Lingual	18	24	-94	-10	4.23	88
	Middle Occipital	18	-38	-92	-6	3.61	15
		18	22	-102	10	3.54	41
	Inferior Occipital	19	-30	-92	4	3.07	15
	Medial Dorsal		-4	-16	12	3.1	33
	Pulvinar		-12	-34	8	3.79	65
	Cerebellum Crus		46	-72	-34	4.74	42
			20	-84	-40	4.28	102
			-22	-80	-48	3.2	25
SEN-Left Amygdala	Inferior Frontal	9	44	2	30	3.42	35
	Inferior Parietal	7	36	-52	58	3.32	19
	Superior Temporal	38	-44	8	-10	3.51	16

		38	-32	12	-44	3.27	16
	Middle Temporal	37	62	-68	8	3.26	16
		37	48	-66	2	3.21	17
	Insula	13	-34	-12	10	3.72	62
	Lingual	17	12	-94	-20	3.11	82
	Midbrain		-14	-22	-16	3.85	16
	Cerebellar Nodule		-6	-58	-36	3.19	31
	Cerebellar Tonsil		22	-60	-40	3.56	37
	Cerebellar Tonsil		-20	-54	-46	2.95	25
			6	-100	-8	4.51	71
			38	-98	6	4.46	20
	Cerebellar Tuber		-42	-84	-38	3.22	20
SEN-Left SGAC	Inferior Frontal	9	46	-2	20	3.15	16
	Inferior Parietal	7	-52	-60	54	3.13	19
	Fusiform	20	-48	-24	-26	3.83	53
		20	-40	-26	-12	3.8	93
	Lingual	18	-4	-92	-22	3.45	43
DMN-Left PCC	Superior Frontal	6	-10	34	68	3.3	18
		6	20	12	64	3.28	16
		6	-18	18	58	3.21	34
	Middle Frontal	10	-42	56	16	4.01	108
		10	42	60	22	3.83	88
		10	42	36	30	3.58	108
	Inferior Frontal	45	-50	28	12	3.45	65
		10	-54	50	4	3.3	21
	Precentral	4	26	-30	52	3.78	40
		6	48	-12	34	3.39	136
		6	54	-4	22	4.38	102
	Dorsal Cingulate	32	-16	6	42	3.71	40
	Superior Parietal	7	18	-60	68	3.07	15
	Inferior Parietal	40	40	-44	44	3.76	42
		40	-58	-46	48	3.01	37
	Paracentral/Precuneus	5	-8	-42	60	4.51	1062
	Precuneus	31	-14	-64	28	3.16	50
	Postcentral	43	-60	-10	18	3.44	151
	Posterior Cingulate	31	18	-36	44	3.48	16
		31	-18	-36	44	3.16	19
	Insula	13	-44	10	2	4.1	45
	Superior Temporal	39	46	-50	8	3.73	175
		38	-58	16	-16	3.53	25

	Middle Temporal	39	-42	-72	12	3.86	58
	Middle Occipital	19	62	-68	-10	3.17	35
	Cerebellum Crus		-26	-78	-22	3.61	27
			Negative HDRS Change				
CCN-rDLPFC	Medial Frontal	32	14	16	52	4.02	17
		6	14	-8	58	2.91	16
	Middle Frontal	8	30	38	50	4.16	29
		6	28	4	68	3.15	26
	Inferior Parietal	40	46	-38	30	4.24	54
	Insula	13	44	0	10	4.27	81
		13	-34	4	10	3.33	16
	Putamen		24	2	12	3.7	31
	Cerebellum Culmen		12	-42	-26	3.41	28
	Cerebellum Pyramis		-28	-70	-38	3.96	16
SEN-Left Amygdala	Superior Frontal	11	-8	56	-28	3.36	17
	Middle Frontal	10	42	50	8	4.16	38
		6	30	-2	74	3.6	39
	Medial Frontal	10	20	58	0	3.69	41
		6	-8	-10	62	3.48	43
		11	6	20	-18	3.38	23
	Inferior Frontal	11	-10	34	-20	4.51	368
		47	30	18	-16	4.34	324
		9	56	12	38	3.75	20
	Precentral	6	-64	-8	38	3.8	18
		6	64	2	30	3.02	25
	Postcentral	5	-26	-54	76	3.08	17
	Superior Parietal	7	20	-66	50	3.46	33
	Superior Temporal	22	-70	-46	10	4.12	16
	Middle Temporal	20	-52	-28	-18	3.27	23
		21	-44	-42	-4	3.52	103
	Insula	13	46	-40	22	3.58	30
	Lingual	18	-8	-88	-16	3.91	49
		19	-20	-68	-8	3.9	42
	Putamen		26	2	0	3.97	24
	Midbrain		2	-16	-2	3.37	24
	Cerebellar Inferior Semi-Lunar		44	-82	-46	3.12	30
SEN-Left SGAC	Superior Frontal	11	-24	40	-22	3.14	20
	Medial Frontal	9	12	42	22	3.32	48
	Inferior Frontal	46	52	38	16	3.51	23
	Anterior Cingluate	24	-2	36	2	3.7	197

	Precuneus	7	6	-62	30	3.58	219
	Posterior Cingulate	31	16	-44	36	3.36	23
	Superior Temporal	38	-32	2	-18	4.13	78
	Middle Temporal	21	-54	-10	-20	4.31	139
		21	50	-6	-20	3.56	20
	Fusiform	20	36	-18	-40	3.04	15
	Cerebellar Culmen		-30	-36	-30	4.23	24
DMN-Left PCC	Middle Frontal	6	46	0	62	3.27	16
	Inferior Frontal	47	-24	14	-20	3.83	24
	Inferior Frontal	47	28	22	-16	3.54	42
	Anterior Cingulate	25	-4	2	-12	3.42	66
	Inferior Parietal	40	-46	-38	62	4.47	77
	Superior Temporal	38	38	14	-34	4.14	46
	Superior Temporal	38	-34	14	-34	3.97	52
	Caudate		-14	18	-8	3.07	26
	Caudate		12	8	0	2.97	37
	Putamen		24	-14	20	3.12	21
	Lentiform Nucleus		24	8	14	3.51	40
	Cerebellar Tonsil		36	-32	-40	3.73	29

Note. Significant clusters were found at a $p < .005$, $k > 15$ contiguous cluster threshold, for a resulting minimum effect size to avoid Type II error. CCN N/A Regions = 12; SEN Amygdala N/A Regions = 10; SEN SGAC N/A Regions = 1; DMN N/A Regions = 9.