Supplementary Tables

Table 1 – Modular assignment

SylPN	SPN
Module 1	
Frontal	
	L Inferior frontal gyrus
L Superior frontal gyrus	L Superior frontal gyrus
L / R Medial frontal gyrus	R Middle frontal gyrus
L / R Middle cingulate cortex	
L / R Posterior cingulate cortex	
L Middle orbital gyrus	
L / R premotor cortex (Area 6)	
L / R primary motor cortex (Area 4a)	R Area 4p
Insula	
L Area Id1	R Area Id1
	R Area Ig1
	R Area Ig2
	R Insular lobe
Parietal	
L IPC (area PFcm)	R IPC (area PFcm)
	R IPC (area PF)
L IPC (area PFm)	R IPC (area PFm)
L / R IPC (area PFop)	
L / R IPC (area PGa)	
L IPC (area PGp)	R IPC (area PGp)
L / R SPC (Area 5Ci)	
	R Area 1
	R Area 2
	R Area 3a
	R Area 3b
L / R Area 5L	
L Area 5M	R Area 5M
L / R Area 7A	
	R Area 7M
	R Area 7P
	R Area 7PC
L / R Precuneus	
	R auditory cortex (area hIP3)
	R Operculum (area OP 1)
	R Operculum 2
	R Operculum 4
Temporal	
	R TE 1.0
	R TE 1.2
	R TE 3.0
	R Temporal pole
	R Middle temporal pole
	R Middle temporal gyrus

	R Fusiform gyrus
Occipital	
L / R Area 18	
L / R Area hOC3v	
L / R Area hOC4v	
L / R Area hOC5v	
L / R Middle occipital gyrus	
L / R Inferior occipital gyrus	
R Superior occipital gyrus	L Superior occipital gyrus
L / R Cuneus	
L / R Nucleus accumbens	
R Lingual gyrus	L / R Lingual gyrus
Subcortical	
R Caudate nucleus	
	L Thalamus (premotor area)
	R Thalamus (motor area)
	L / R Thalamus (temporal area)
	L / R Amygdala (area Lb)
	R Amygdala (area CM)
	L / R Amygdala (area SF)
	R Hippocampus (area CA)
	R Hippocampus (area EC)
	L Hippocampus (area FD)
	R Hippocampal gyrus
	R Hippocampus (area HATA)
	L / R Hippocampus (area SUB)
	R Medial globus pallidus
Cerebellum	
L Lobule I/IV	R Lobule I/IV
L / R Lobule V	R Lobule V
	R Lobule VIv
	R Lobule VIIa/C
	R Lobule VIIb
	R Lobule VIIbv
L Lobule VIIIav	R Lobule VIIIav
	R Lobule VIIIa
	R Lobule VIIIbv
	R Lobule VIIIb
	R Lobule X
L / R Lobule Xv	
Module 2	
Frontal	
L Inferior frontal gyrus	
R Medial frontal gyrus	L / R Medial frontal gyrus
	L Middle frontal gyrus
	L / R Middle orbital gyrus
R Inferior frontal gyrus (Area 45)	
	L / R Area 4a
R Area 4p	
	L / R Area 6
	L / R Anterior cingulate cortex

	L / R Middle cingulate cortex
	L Posterior cingulate cortex
	L / R Precuneus
Insula	
R Area Id1	L Area Id1
R Area Ig1	L Area Ig1
R Area Ig2	
R Insular lobe	
Parietal	
L IPC (area PFt)	
R IPC (area PF)	
R IPC (area PFcm)	L IPC (area PFcm)
R IPC (area PFm)	L IPC (area PFm)
	L / R IPC (area PFop)
	L / R IPC (area PGa)
R IPC (area PGp)	L IPC (area PGp)
R hIP1	
R hIP3	
R Area 1	
R Area 2	
R Area 3a	
R Area 3b	
	L / R Area 5Ci
	L / R Area 5L
R Area 5M	L Area 5M
	L / R Area 7A
R Area 7M	L Area 7M
R Area 7P	
R Area 7PC	
R Operculum 1	
R Operculum 4	
Temporal	
R TE 1.0	
R TE 1.2	
R TE 3.0	
R Temporal pole	
R Medial temporal gyrus	
R Inferior temporal gyrus	
R Fusiform gyrus	
Occipital	
	L Nucleus accumbens
	L / R Inferior occipital gyrus
	L / R Middle occipital gyrus
L Superior occipital gyrus	R Superior occipital gyrus
R Area 17	
	L / R Area 18
	L / R hOC3v
	L / R hOC4v
	L / R hOC5v
	L / R Cuneus

Subcortical	
	L / R Caudate nucleus
L / R Thalamus (prefrontal area)	
L Thalamus (premotor area)	
R Thalamus (motor area)	
L Thalamus (temporal area)	
L Thalamus (somatosensory area)	
R Thalamus (parietal area)	L Thalamus (parietal area)
R Amygdala (area CM)	
L Amygdala (area Lb)	
L / R Amygdala (area SF)	
R Hippocampus (area CA)	
L Hippocampus (area FD)	
L / R Hippocampus (area HATA)	
L / R Hippocampus (area SUB)	
L / R Hippocampal gyrus	
	R Substantia nigra
Cerebellum	
R Lobule I/IV	L Lobule I/IV
	L Lobule V
R Lobule VIv	
R Lobule VIIa/Cr1	
R Lobule VIIa/Cr2v	
R Lobule VIIb	L Lobule VIIb
R Lobule VIIbv	
R Lobule VIIIav	L Lobule VIIIav
R Lobule VIIIa	
R Lobule VIIIbv	
R Lobule VIIIb	
R Lobule IX	
R Lobule X	L Lobule X
	L Lobule Xv
Module 3	
Frontal	
R Inferior frontal gyrus	R Inferior frontal gyrus
R Superior frontal gyrus	R Superior frontal gyrus
L / R Area 44	L / R Area 44
L Area 45	L / R Area 45
L Area 4p	L Area 4p
Insula	
L Area Ig1	
	L Area Ig2
L Insular lobe	L Insular lobe
Parietal	
L / R IPC (area PFt)	L / R IPC (area PFt)
L hIP1	L / R hIP1
L / R hIP2	
L hIP3	L hIP3
L Area 1	L Area 1
L Area 2	L Area 2
L Area 3a	L Area 3a

L Area 3b	L Area 3b
L Area 7M	
L Area 7P	L Area 7P
L Area 7PC	L Area 7PC
L Operculum 1	L Operculum 1
R Operculum 2	L Operculum 2
L Operculum 3	L / R Operculum 3
L Operculum 4	L Operculum 4
Temporal	
L TE1.0	L TE1.0
L / R TE1.1	L / R TE1.1
L TE1.2	L TE1.2
L TE3.0	L TE3.0
L Temporal pole	L Temporal pole
L Inferior temporal gyrus	L Inferior temporal gyrus
L Middle temporal gyrus	L Middle temporal gyrus
L Fusiform gyrus	
Occipital	
L Lingual gyrus	
L Area 17	L / R Area 17
Subcortical	
	L Medial globus pallidus
L / R Putamen	L / R Putamen
L / R Substantia nigra	L Substantia nigra
L / R Red nucleus	L Red nucleus
R Subthalamic nucleus	L / R Subthalamic nucleus
	L / R Thalamus (prefrontal area)
R Thalamus (premotor area)	
L Thalamus (motor area)	
R Thalamus (temporal area)	
R Thalamus (somatosensory area)	R Thalamus (somatosensory area)
L / R Thalamus (visual area)	L Thalamus (visual area)
L Hippocampus (area CA)	
	L Hippocampus (area EC)
R Hippocampus (area FD)	R Hippocampus (area FD)
	L Hippocampus (area HATA)
	L Hippocampal gyrus
Cerebellum	
L / R Lobule VI	
L Lobule VIv	L Lobule VIv
L Lobule VIIa/Cr1	L Lobule VIIa/Cr1
L Lobule VIIa/Cr2	
L Lobule VIIa/Cr2v	L Lobule VIIa/Cr2v
L Lobule VIIb	
L Lobule VIIbv	L Lobule VIIbv
L Lobule VIIIa	L Lobule VIIIa
L Lobule VIIIb	L Lobule VIIIb
L Lobule VIIIbv	L Lobule VIIIbv
L Lobule IX	L Lobule IX
L / R Lobule IXv	L / R Lobule IXv
L Lobule X	

Module 4	
Parietal	
	L / R hIP2
Subcortical	
	L / R Lateral globus pallidus
	R Red nucleus
	R Amygdala (area CM)
Cerebellum	
	L / R Lobule VI

Abbreviations: L - left; R - right; IPC - Inferior parietal cortex.

Table 2 – Modular assignment of inhibitory network

SylPN	SPN
Module 1	
Frontal	
L Inferior frontal gyrus	L Inferior frontal gyrus
	L / R Area 44
Insula	
R Insular lobe	
Parietal	
R Area 1	
R Area 3b	
Temporal	
R TE1.0	
R TE1.1	
R Inferior temporal gyrus	
Occipital	
R Nucleus accumbens	
Subcortical	
L Putamen	
R Substantia nigra	
	L Thalamus (temporal area)
Module 2	
Frontal	
L Area 6	L / R Area 6
L / R Middle cingulate cortex	R Middle cingulate cortex
R Medial frontal gyrus	
	R Middle orbital gyrus
Parietal	
	R Area 7A
Cerebellum	
	L Lobule X
Module 3	
Frontal	
L Middle orbital gyrus	L Middle orbital gyrus
Parietal	

	R IPC (area PGp)
Occipital	
L Nucleus accumbens	
R hOC4v	
Subcortical	
R Caudate nucleus	R Caudate nucleus
Module 4	
Frontal	
	R Area 45
Parietal	
	R Area 1
	R Operculum 1
	R IPC (area PFt)
Subcortical	
	R Hippocampus (area CA)
	R Hippocampus (area EC)
	R Hippocampus (area FD)
	R Hippocampal gyrus

Abbreviations: L - left; R - right; IPC - Inferior parietal cortex.

Table 3 – Modular assignment of excitatory network

SylPN	SPN
Module 1	
Frontal	
L Medial frontal gyrus	
	R Middle frontal gyrus
L Superior frontal gyrus	L Superior frontal gyrus
L / R Area 4a	
	R Area 4p
R Area 6	
L / R Posterior cingulate cortex	
Insula	
L Area Id1	R Area Id1
	R Area Ig1
	R Area Ig2
	R Insular lobe
Parietal	
L IPC (area PFcm)	R IPC (area PFcm)
L IPC (area PFm)	R IPC (area PFm)
	L IPC (area PFt)
L / R IPC (area PFop)	
L / R IPC (area PGa)	
L IPC (area PGp)	
	R Area 2
	R Area 3a
	R Area 3b
L / R Area 5Ci	

L / R Area 5L	
L Area 5M	R Area 5M
L / R Area 7A	
	R Area 7M
	R Area 7P
	R Area 7PC
L / R Precuneus	
	R Operculum 2
	R Operculum 4
Temporal	
	R TE1.0
	R TE1.2
	R TE3.0
	R Temporal pole
	R Middle temporal pole
	R Middle temporal gyrus
	R Fusiform gyrus
Occipital	
	R Area 17
L / R Area 18	
L / R hOC3v	
L hOC4v	
L / R hOC5v	
L / R Inferior occipital gyrus	
L / R Middle occipital gyrus	
R Superior occipital gyrus	L Superior occipital gyrus
L / R Cuneus	
	L / R Lingual gyrus
Subcortical	
	L Thalamus (premotor area)
	R Thalamus (motor area)
	R Thalamus (temporal area)
	L / R Amygdala (area LB)
	L / R Amygdala (area SF)
	L Hippocampus (area FD)
	R Hippocampus (area HATA)
	L / R Hippocampus (Area SUB)
	R Medial globus pallidus
Cerebellum	
L Lobule I/IV	R Lobule I/IV
L / R Lobule V	R Lobule V
	R Lobule VIv
	R Lobule VIIa/Cr2v
	R Lobule VIIb
	R Lobule VIIbv
	R Lobule VIIIa
L Lobule VIIIav	R Lobule VIIIav
	R Lobule VIIIb
	R Lobule VIIIbv
L / R Lobule Xv	

Module 2

Frontal	
R Inferior frontal gyrus	
	L Middle frontal gyrus
	L / R Medial frontal gyrus
R Superior frontal gyrus	
L / R Area 44	
L Area 45	
	L / R Area 4a
L Area 4p	
	L / R Anterior cingulate cortex
	L Middle cingulate cortex
	L Posterior cingulate cortex
	L Nucleus accumbens
Insula	
	L Area Id1
L Area Ig1	L Area Ig1
L Insular lobe	
Parietal	
L IPC (area PF)	
	L IPC (area PFcm)
	L IPC (area PFm)
	L / R IPC (area PFop)
R IPC (area PFt)	
	L / R IPC (area PGa)
	L IPC (area PGp)
L / R hIP1	
L / R hIP2	
L hIP3	
L Area 1	
L Area 2	
L Area 3a	
L Area 3b	
	L / R Area 5Ci
	L / R Area 5L
	L Area 7A
L Area 7M	L Area 7M
L Area 7P	
L Area 7PC	
L Operculum 1	
L Operculum 3	
L Operculum 4	
	L / R Precuneus
Temporal	
L TE1.0	
L TE1.1	
L TE1.2	
L TE3.0	
L Temporal pole	
L Inferior temporal gyrus	
L Middle temporal gyrus	
L Fusiform gyrus	

Occipital	
L Lingual gyrus	
L Area 17	
	L / R Area 18
	L / R hOC3v
	L / R hOC4v
	L / R hOC5v
	L / R Inferior occipital gyrus
	L / R Middle occipital gyrus
	R Superior occipital gyrus
	L / R Cuneus
Subcortical	
L Substantia nigra	R Substantia nigra
L / R Red nucleus	
R Putamen	
R Thalamus (premotor area)	
L Thalamus (motor area)	
R Thalamus (somatosensory area)	
	L Thalamus (parietal area)
R Thalamus (temporal area)	
L / R Thalamus (visual area)	
L Hippocampus (area CA)	
R Hippocampus (area FD)	
R Subthalamic nucleus	
	L Caudate nucleus
Cerebellum	
	L Lobule I/IV
	L Lobule V
L / R Lobule VI	
L Lobule VIv	
L Lobule VIIa/Cr1	
L Lobule VIIa/Cr2	
L Lobule VIIa/Cr2v	
L Lobule VIIb	L Lobule VIIb
L Lobule VIIbv	
L Lobule VIIIa	
	L Lobule VIIIav
L Lobule VIIIb	
L Lobule VIIIbv	
L Lobule IX	
L / R Lobule IXv	
L Lobule X	R Lobule X
	L Lobule Xv
Module 3	
Frontal	
	R Inferior frontal gyrus
R Middle frontal gyrus	
	R Superior frontal gyrus
R Area 45	L Area 45
R Area 4p	L Area 4p
Insula	

R Area Id1	
R Area Ig1	
R Area Ig2	L Area Ig2
	L Insular lobe
Parietal	
L IPC (area PFt)	R IPC (area PFt)
R IPC (area PF)	L IPC (area PF)
R IPC (area PFcm)	
R IPC (area PFm)	
R IPC (area PGp)	
	L Area 1
R Area 2	L Area 2
R Area 3a	L Area 3a
	L Area 3b
R Area 5M	L Area 5M
R Area 7M	
R Area 7P	L Area 7P
R Area 7PC	L Area 7PC
R Operculum 1	L Operculum 1
R Operculum 2	L Operculum 2
	L / R Operculum 3
R Operculum 4	L Operculum 4
	L hIP1
R hIP3	L hIP3
Temporal	
	L TE1.0
	L / R TE1.1
R TE1.2	L TE1.2
R TE3.0	L TE3.0
R Temporal pole	L Temporal pole
R Middle temporal pole	
	L Inferior temporal gyrus
	L Middle temporal gyrus
R Fusiform gyrus	
Occipital	
L Superior occipital gyrus	
R Lingual gyrus	
R Area 17	L Area 17
Subcortical	
	L / R Putamen
	L Medial globus pallidus
L / R Thalamus (prefrontal area)	L / R Thalamus (prefrontal area)
L Thalamus (premotor area)	
R Thalamus (motor area)	
L Thalamus (somatosensory area)	R Thalamus (somatosensory area)
R Thalamus (parietal area)	
L Thalamus (temporal area)	
	L Thalamus (visual area)
R Amygdala (area CM)	
L Amygdala (area LB)	
L / R Amygdala (area SF)	

R Hippocampus (area CA)	
	L Hippocampus (area EC)
L Hippocampus (area FD)	
L / R Hippocampus (area HATA)	L Hippocampus (area HATA)
L / R Hippocampus (area SUB)	
L / R Hippocampal gyrus	L Hippocampal gyrus
	L / R Subthalamic nucleus
	L Substantia nigra
	L Red nucleus
Cerebellum	
R Lobule I/IV	
R Lobule VIv	L Lobule VIv
R Lobule VIIa/Cr1	L Lobule VIIa/Cr1
R Lobule VIIa/Cr2v	L Lobule VIIa/Cr2v
R Lobule VIIb	
R Lobule VIIbv	L Lobule VIIbv
R Lobule VIIIa	L Lobule VIIIa
R Lobule VIIIav	
R Lobule VIIIb	L Lobule VIIIb
R Lobule VIIIbv	L Lobule VIIIbv
R Lobule IX	L Lobule IX
	L / R Lobule IXv
R Lobule X	
Module 4	
Parietal	
	L / R hIP2
Subcortical	
	L / R Lateral globus pallidus
	R Red nucleus
	R Amygdala (area CM)
Cerebellum	
	L / R Lobule VI

Abbreviations: L - left; R - right; IPC - Inferior parietal cortex.