

The matrix of FC and SC indicates the correlation coefficient of MRI signal time variation (in FC) or the number of streamlines (in SC) between the two brain regions arranged in the following order both along the row and column. L and R represent left and right hemispheres, respectively. Note that the division followed our Label052.

- 1 Olfactory\_bulb\_L
- 2 Olfactory\_nucleus\_L
- 3 Insular\_cx\_L
- 4 IPS\_intraparietal sulcus\_L
- 5 S1\_L
- 6 M1\_L
- 7 Premotor\_L
- 8 Dorsal\_lateral PFC\_L
- 9 Medial\_PFC\_L
- 10 Frontal\_pole\_L
- 11 Orbitofrontal\_cx\_L
- 12 Medial ventral\_PFC\_L
- 13 V3\_L
- 14 Posterior\_cingulate\_L
- 15 Anterior\_cingulate\_L
- 16 Retrosplenial\_cx\_L
- 17 Perirhinal\_cortex\_L
- 18 Ventral\_lateral PFC\_L
- 19 Auditory\_cx\_L
- 20 Entorhinal\_cortex\_L
- 21 Mid-temporal\_area\_L
- 22 Gustatory\_cortex\_L
- 23 Ventral postal\_parietal\_area\_L
- 24 Superior\_temporal\_rostral\_area\_L
- 25 Subiculum\_L
- 26 Postal\_pareital\_area\_L
- 27 Precuneus\_L
- 28 Piriform\_cortex\_L
- 29 Prostriate\_area\_L
- 30 S2\_L
- 31 Inferior\_temporal\_area\_L
- 32 Parahippocampal\_gyrus\_L
- 33 Superior\_temporal\_polysensory\_cortex\_L
- 34 Temporopolar\_area\_L
- 35 V1\_L
- 36 V2\_L
- 37 V6\_L
- 38 Hippocampal\_formation\_L
- 39 Amygdala\_L
- 40 Bed\_nucleus\_of\_the\_stria\_terminalis\_L

41 Claustrum\_L  
42 Globus\_pallidus\_L  
43 Substantia\_nigra\_L  
44 Accumbens\_nucleus\_L  
45 Caudate\_nucleus\_L  
46 Putamen\_L  
47 Subthalamic\_nucleus\_L  
48 Septal\_nucleus\_L  
49 Medial\_geniculate\_nucleus\_L  
50 Thalamus\_L  
51 Dorsal\_lateral\_geniculate\_nucleus\_L  
52 Superior\_colliculus\_L  
53 Olfactory\_bulb\_R  
54 Olfactory\_nucleus\_R  
55 Insular\_cx\_R  
56 IPS\_intraparietal\_sulcus\_R  
57 S1\_R  
58 M1\_R  
59 Premotor\_R  
60 Dorsal\_lateral\_PFC\_R  
61 Medial\_PFC\_R  
62 Frontal\_pole\_R  
63 Orbitofrontal\_cx\_R  
64 Medial\_ventral\_PFC\_R  
65 V3\_R  
66 Posterior\_cingulate\_R  
67 Anterior\_cingulate\_R  
68 Retrosplenial\_cx\_R  
69 Perirhinal\_cortex\_R  
70 Ventral\_lateral\_PFC\_R  
71 Auditory\_cx\_R  
72 Entorhinal\_cortex\_R  
73 Mid-temporal\_area\_R  
74 Gustatory\_cortex\_R  
75 Ventral\_postal\_parietal\_area\_R  
76 Superior\_temporal\_rostral\_area\_R  
77 Subiculum\_R  
78 Postal\_parietal\_area\_R  
79 Precuneus\_R  
80 Piriform\_cortex\_R  
81 Prostriate\_area\_R  
82 S2\_R  
83 Inferior\_temporal\_area\_R  
84 parahippocampal\_gyrus\_R  
85 superior\_temporal\_polysensory\_cortex\_R  
86 temporopolar\_area\_R

87 V1\_R  
88 V2\_R  
89 V6\_R  
90 Hippocampal\_formation\_R  
91 Amygdala\_R  
92 Bed\_nucleus\_of\_the\_stria\_terminalis\_R  
93 Claustrum\_R  
94 Globus\_pallidus\_R  
95 Substantia\_nigra\_R  
96 Accumbens\_nucleus\_R  
97 Caudate\_nucleus\_R  
98 Putamen\_R  
99 Subthalamic\_nucleus\_R  
100 Septal\_nucleus\_R  
101 Medial\_geniculate\_nucleus\_R  
102 Thalamus\_R  
103 Dorsal\_lateral\_geniculate\_nucleus\_R  
104 Superior\_colliculus\_R