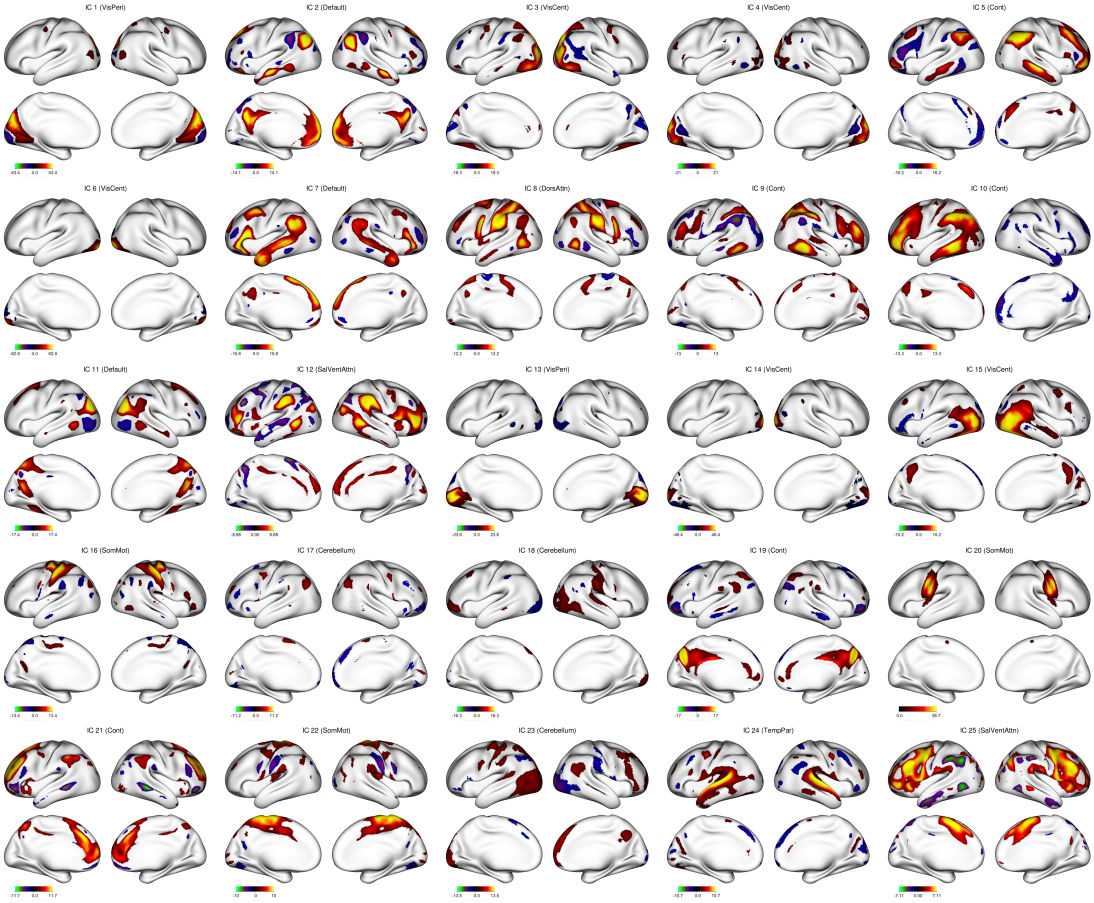

Fig. E.8: Thresholded group IC maps and network assignments in HCP data analysis. Only the cortical surface part of each map is shown here. See Figure E.9 for subcortical views.

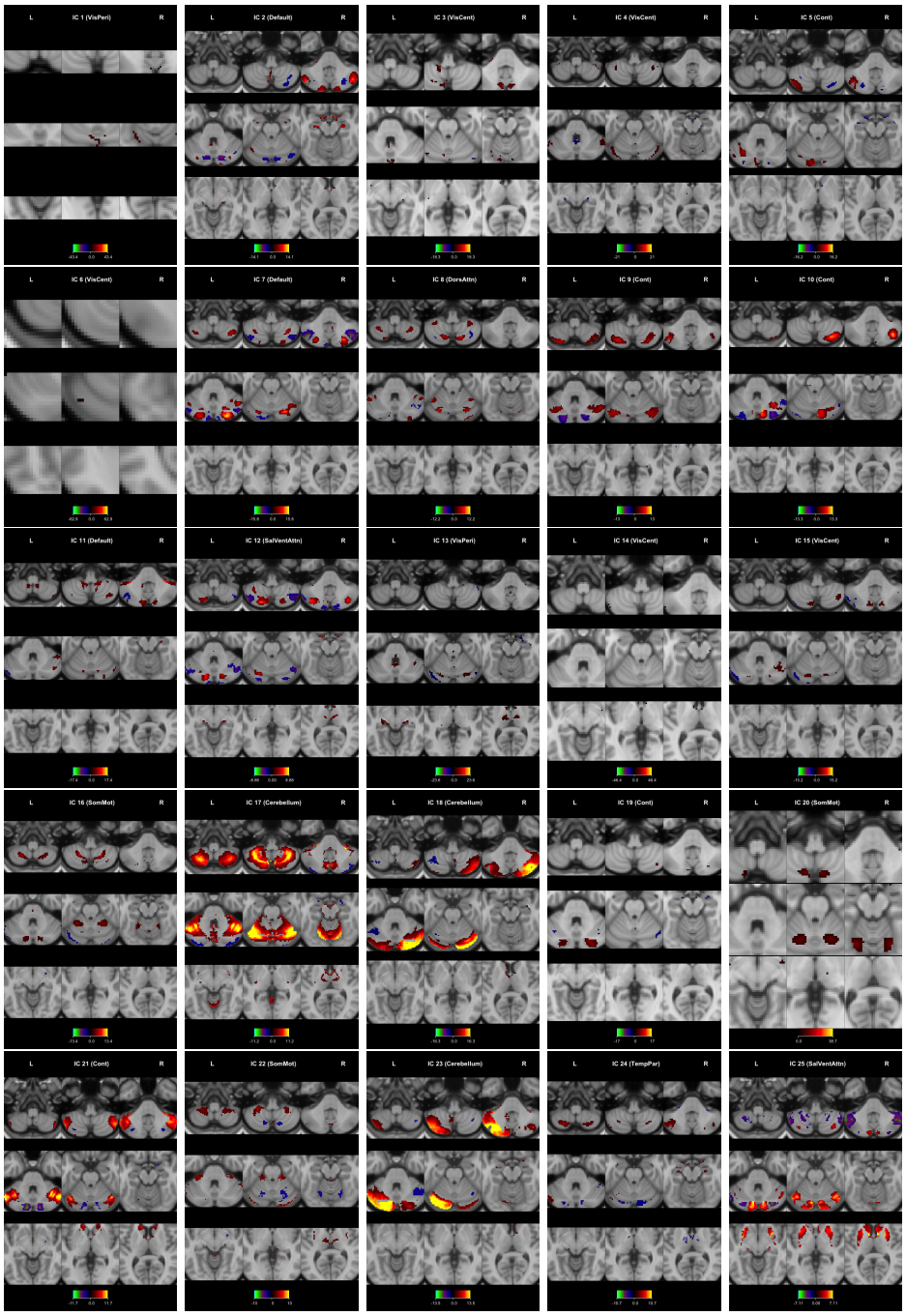

Fig. E.9: Thresholded group IC maps and network assignments in HCP data analysis. Only the subcortical part of each map is shown here. See Figure E.8 for cortical views.

Network/Region Name	Group Name	# of ICs
Visual (Central)	V	5
Visual (Peripheral)	V	2
Somatomotor	M	3
Dorsal Attention	A	1
Ventral Attention	A	2
Limbic	L	0
Control	C	5
Default	D	3
Temporal Parietal	TP	1
Cerebellum	CB	3

Table E.1: *Number of group ICs assigned to each functional brain network or subcortical region in HCP data analysis.* The second column shows the short group name, used to order and label the FC matrices shown in subsequent figures.

IC	RSN or Parcel
3	VisCent
4	VisCent
6	VisCent
14	VisCent
15	VisCent
1	VisPeri
13	VisPeri
16	SomMot
20	SomMot
22	SomMot
8	DorsAttn
12	SalVentAttn
25	SalVentAttn
5	Cont
9	Cont
10	Cont
19	Cont
21	Cont
2	Default
7	Default
11	Default
24	TempPar
17	Cerebellum
18	Cerebellum
23	Cerebellum

Table E.2: Group ICs assigned to each resting-state network (RSN) or subcortical parcel in HCP data analysis for $Q = 25$.

IC	RSN or Parcel	IC	RSN or Parcel	IC	RSN or Parcel
1	VisCent	75	Limbic	100	Brain Stem
4	VisCent	3	Cont	41	Cerebellum
5	VisCent	11	Cont	49	Cerebellum
7	VisCent	20	Cont	59	Cerebellum
9	VisCent	24	Cont	61	Cerebellum
12	VisCent	32	Cont	63	Cerebellum
13	VisCent	43	Cont	64	Cerebellum
14	VisCent	52	Cont	65	Cerebellum
16	VisCent	53	Cont	67	Cerebellum
18	VisCent	55	Cont	68	Cerebellum
25	VisCent	56	Cont	69	Cerebellum
31	VisCent	62	Cont	70	Cerebellum
38	VisCent	66	Cont	73	Cerebellum
2	VisPeri	15	Default	76	Cerebellum
6	VisPeri	21	Default	77	Cerebellum
10	VisPeri	26	Default	78	Cerebellum
8	SomMot	28	Default	82	Cerebellum
17	SomMot	35	Default	83	Cerebellum
27	SomMot	36	Default	85	Cerebellum
30	SomMot	37	Default	86	Cerebellum
39	SomMot	42	Default	88	Cerebellum
46	SomMot	47	Default	89	Cerebellum
58	SomMot	48	Default	90	Cerebellum
19	DorsAttn	51	Default	91	Cerebellum
29	DorsAttn	71	Default	92	Cerebellum
33	DorsAttn	80	Default	93	Cerebellum
34	DorsAttn	45	TempPar	94	Cerebellum
40	DorsAttn	57	TempPar	95	Cerebellum
44	DorsAttn	60	TempPar	72	Hippocampus
22	SalVentAttn	96	Brain Stem	79	Putamen
23	SalVentAttn	97	Brain Stem	87	Putamen
50	SalVentAttn	98	Brain Stem	81	Caudate
54	SalVentAttn	99	Brain Stem	84	Thalamus

Table E.3: Group ICs assigned to each resting-state network (RSN) or subcortical parcel in HCP data analysis for $Q = 100$. IC 74 was determined to be a noise component and was not assigned to any network.