

Supplementary Information

Title : Lesions in the right Rolandic operculum are associated with self-rating affective and apathetic depressive symptoms for post-stroke patients

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Supplementary Table S1. Results of Tukey-Kramer *post hoc* analysis (*p*-values).

Bold-written values indicate $p < 0.1$

Domains	Cluster comparisons					
	1 vs. 2	1 vs. 3	1 vs. 4	2 vs. 3	2 vs. 4	3 vs. 4
Right Rolandic operculum						
Apathy and depression	0.966	0.959	0.020	1.000	0.045	0.050
Apathy and anxiety	0.972	0.940	0.025	0.998	0.050	0.087
Apathy and perceived stress	1.000	0.998	0.055	1.000	0.025	0.042
Depression and anxiety	0.991	0.999	0.004	0.982	0.019	0.009
Depression and perceived stress	0.999	1.000	0.199	0.999	0.047	0.015
Anxiety and perceived stress	0.997	0.999	0.116	1.000	0.025	0.017
Right inferior occipital gyrus						
Apathy and depression	1.000	0.839	0.109	0.766	0.077	0.357
Apathy and anxiety	1.000	0.783	0.125	0.696	0.085	0.487
Apathy and perceived stress	1.000	1.000	0.009	1.000	0.006	0.011
Depression and anxiety	0.586	0.999	0.058	0.778	0.496	0.135
Depression and perceived stress	1.000	0.998	0.292	0.993	0.064	0.064
Anxiety and perceived stress	1.000	0.865	0.663	0.637	0.392	0.930
Left thalamus						
Apathy and depression	0.901	1.000	0.922	0.871	0.618	0.927
Apathy and anxiety	0.971	1.000	0.943	0.981	0.779	0.927
Apathy and perceived stress	0.253	0.754	0.050	0.891	0.728	0.397
Depression and anxiety	0.455	0.802	0.547	0.970	0.999	0.955
Depression and perceived stress	0.995	0.798	0.195	0.747	0.067	0.298
Anxiety and perceived stress	0.991	0.563	0.092	0.419	0.024	0.383

Supplementary Table S1. continued

Domains	Cluster comparisons					
	1 vs. 2	1 vs. 3	1 vs. 4	2 vs. 3	2 vs. 4	3 vs. 4
Lobule VIIB of left cerebellum						
Apathy and depression	0.903	0.998	0.028	0.953	0.097	0.034
Apathy and anxiety	0.916	0.997	0.035	0.972	0.103	0.054
Apathy and perceived stress	0.869	0.977	0.359	0.990	0.727	0.620
Depression and anxiety	0.608	0.994	0.056	0.845	0.471	0.157
Depression and perceived stress	1.000	0.931	0.724	0.797	0.459	0.881
Anxiety and perceived stress	0.971	0.990	0.563	0.997	0.607	0.485