

Supplementary Table 2. Results of comparisons of rCBV and rMTT values between participants with and without reappearing symptom after microvascular decompression surgery in the hemifacial spasm patients in the specific brain areas

Brain area	rCBV			rMTT		
	No reappearing	Reappearing	p-value*	No reappearing	Reappearing	p-value*
Amygdala						
Left	215.29±58.31	200.85±79.30	0.430	474.72±106.89	495.12±129.03	0.511
Right	222.26±58.33	197.89±75.22	0.170	476.65±112.60	514.47±137.30	0.252
Parahippo						
Left	273.17±67.47	249.64±84.14	0.241	529.43±117.16	563.96±136.57	0.301
Right	275.33±68.76	249.65±84.14	0.204	527.58±120.18	562.11±144.04	0.322
Anterior cingulate						
Left	163.19±36.85	160.01±45.82	0.770	479.96±108.93	536.59±150.09	0.104
Right	174.69±39.11	169.49±51.31	0.663	488.90±118.99	551.93±172.33	0.110
Posterior cingulate						
Left	303.06±86.75	282.08±93.55	0.373	521.41±107.91	566.27±146.09	0.187
Right	312.90±86.75	283.36±91.57	0.206	518.09±111.03	560.41±151.39	0.228
Fusiform gyrus						
Left	295.44±93.10	280.28±103.87	0.556	491.63±103.52	535.33±147.05	0.194
Right	313.61±106.91	289.72±93.31	0.359	489.33±91.12	522.20±131.18	0.271
Precuneus						
Left	246.53±72.55	225.41±75.92	0.277	486.30±101.44	529.36±144.79	0.194
Right	257.01±76.51	229.04±74.84	0.158	483.66±100.40	526.21±146.55	0.201
Supra-marginal gyrus						
Left	191.65±53.94	184.39±64.44	0.640	427.36±97.98	457.53±122.70	0.302
Right	197.61±59.68	187.65±72.08	0.565	405.79±89.45	444.04±125.97	0.186
Middle temporal gyrus						
Left	217.24±59.27	209.74±73.57	0.668	428.76±94.11	472.49±124.51	0.135
Right	221.75±64.64	211.49±72.14	0.566	423.64±88.44	464.65±123.46	0.150
Middle frontal gyrus						
Left	170.93±41.55	167.09±48.64	0.745	381.02±88.00	425.56±144.45	0.162
Right	187.05±47.75	176.31±53.05	0.415	394.98±90.37	444.33±133.53	0.104
Middle occipital gyrus						
Left	237.41±76.81	220.16±84.73	0.414	413.44±87.61	442.12±120.04	0.301
Right	235.35±70.31	218.17±74.34	0.363	385.36±74.59	411.52±113.45	0.303
Cerebellum culmen						
Left	274.54±90.57	246.92±79.01	0.212	482.50±96.30	528.11±153.02	0.180
Right	272.59±90.81	242.87±76.11	0.173	483.61±92.78	530.47±145.33	0.149
Cerebellum declive						
Left	381.53±110.58	352.18±109.67	0.307	493.19±94.26	541.54±157.93	0.163
Right	408.64±129.12	371.67±105.13	0.226	500.60±85.52	541.45±146.83	0.201
Brainstem						
Left	228.70±69.28	205.47±77.41	0.228	410.15±81.56	449.47±138.06	0.193
Right	225.39±71.71	203.17±73.56	0.242	408.34±73.20	452.67±162.57	0.189

Values are presented as mean±standard deviation. *p-value by Independent samples t-test. rCBV : relative cerebral blood volume, rMTT : relative mean transit time, Parahippo : parahippocampal gyrus