

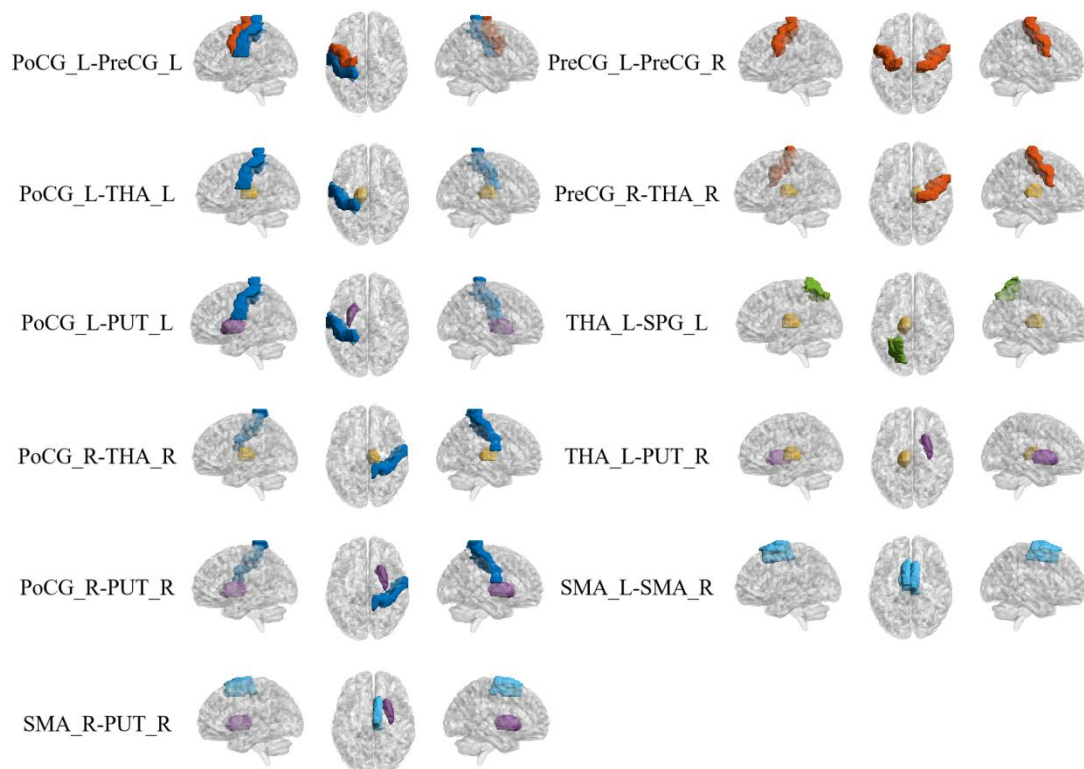
eTable 1: Demographic and clinical characteristics of the participates

Patient	Age(y)	Gender	Days Since Stroke	FMA	Location side
1	68	0	3.00	42.00	L
2	47	0	4.00	40.00	R
3	55	0	3.00	55.00	R
4	74	0	4.00	53.00	L
5	77	1	5.00	36.00	L
6	48	1	3.00	54.00	L
7	46	1	4.00	22.00	L
8	54	1	3.00	11.00	L
9	52	1	4.00	31.00	R
10	35	1	3.00	62.00	R
11	25	1	4.00	18.00	R
12	68	1	3.00	52.00	R
13	69	1	5.00	0.00	L
14	68	0	4.00	55.00	R
15	33	0	5.00	55.00	R
16	62	0	3.00	21.00	R
17	50	0	4.00	5.00	R
18	63	0	5.00	55.00	R
19	67	0	4.00	63.00	R
20	68	1	3.00	52.00	L
21	61	1	5.00	58.00	L
22	70	1	4.00	9.00	L
23	60	1	5.00	15.00	R
24	40	1	4.00	15.00	R
25	44	1	3.00	55.00	L
26	37	1	4.00	33.00	L
27	68	0	5.00	13.00	L
28	43	0	6.00	56.00	L
29	61	0	3.00	10.00	L
30	70	0	4.00	35.00	R
31	61	0	5.00	38.00	R
32	42	1	6.00	38.00	R
33	27	1	4.00	62.00	R
34	65	1	3.00	63.00	R
35	62	1	5.00	28.00	L
36	58	1	4.00	28.00	R

37					
	73	1	4.00	58.00	R
38					
	74	1	3.00	44.00	R
39					
	75	1	3.00	37.00	L
40					
	70	1	4.00	32.00	L
41					
	51	1	5.00	46.00	L
42					
	69	0	4.00	7.00	L
43					
	51	0	5.00	9.00	L
44					
	59	0	4.00	30.00	R
45					
	62	0	3.00	28.00	R
46					
	75	1	4.00	66.00	R
47					
	63	1	3.00	60.00	R
48					
	62	1	5.00	33.00	R
49					
	54	1	3.00	68.00	R
50					
	62	1	4.00	5.00	L
51					
	60	1	3.00	68.00	L
52					
	59	1	4.00	61.00	R
53					
	32	1	3.00	65.00	R
54					
	63	1	5.00	15.00	R
55					
	64	1	3.00	65.00	R

Abbreviations:y=years; FMA=Fugl-Meyer assessment;L=left; R=right.

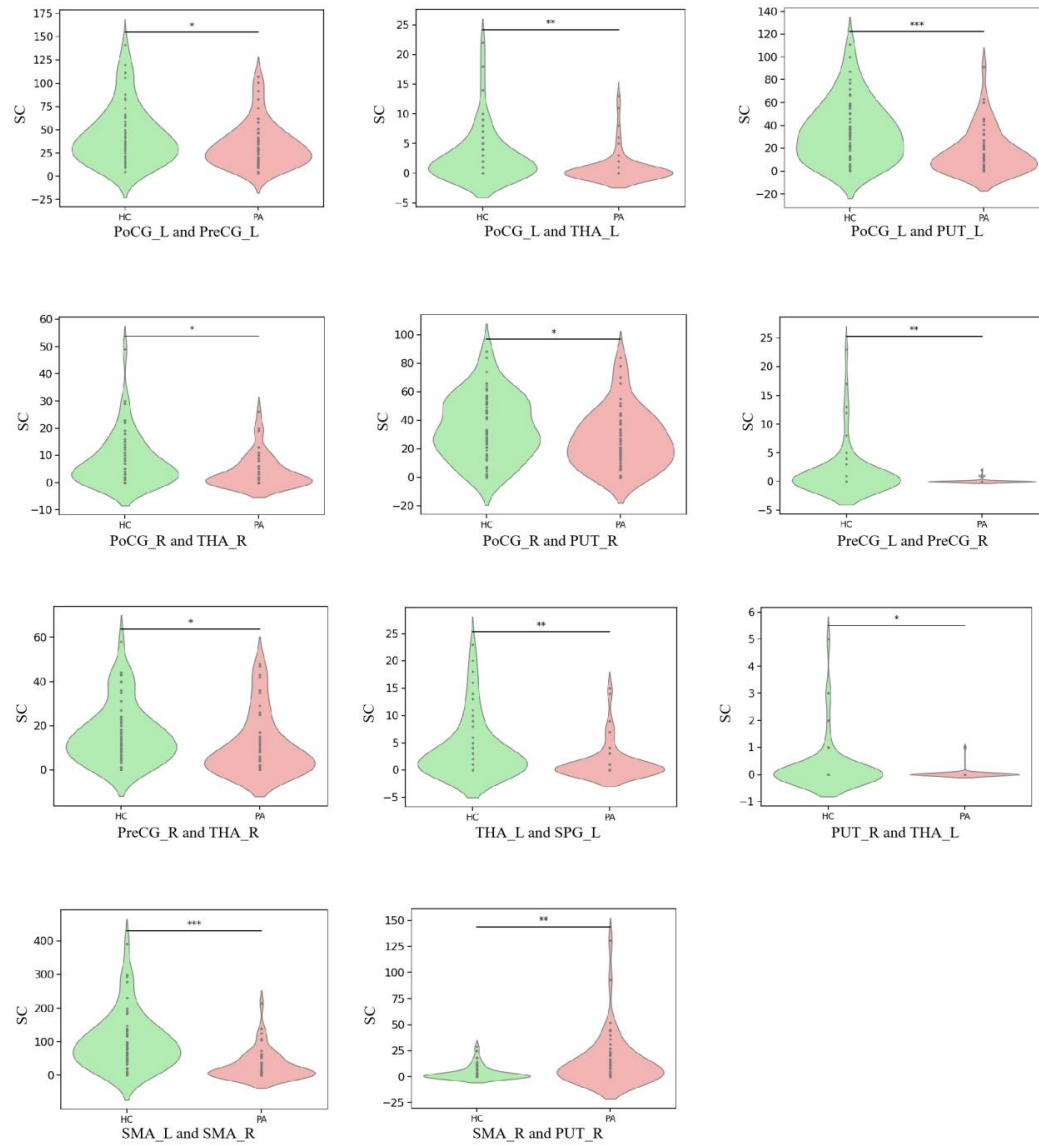
eFigure 1
The anatomical locations of SC regions



Abbreviations: SC=structural connectivity; PoCG=postcentral gyrus; PreCG=precentral gyrus; THA=thalamus; SPG=superior parietal gyrus; SMA=supplementary motor area; PUT=lenticular nucleus, putamen; L,left; R,right.

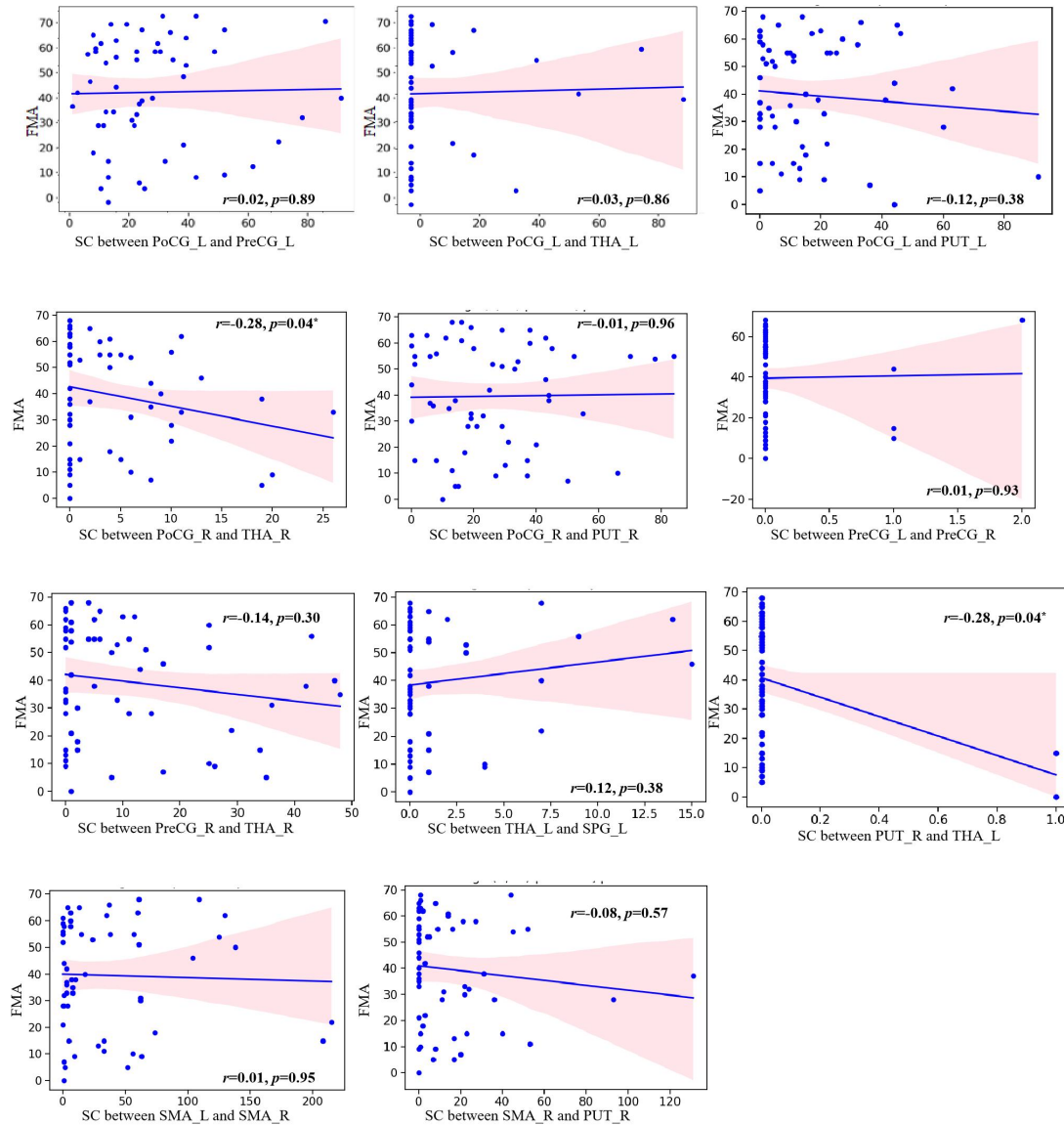
eFigure 2

The mean SC of WM in PA and HC



Abbreviations: SC=structural connectivity; WM = white matter; PA= patients; HC = healthy controls; PoCG=postcentral gyrus; PreCG=precentral gyrus; THA=thalamus; SPG=superior parietal gyrus; SMA=supplementary motor area; PUT=lenticular nucleus, putamen; L,left; R,right.

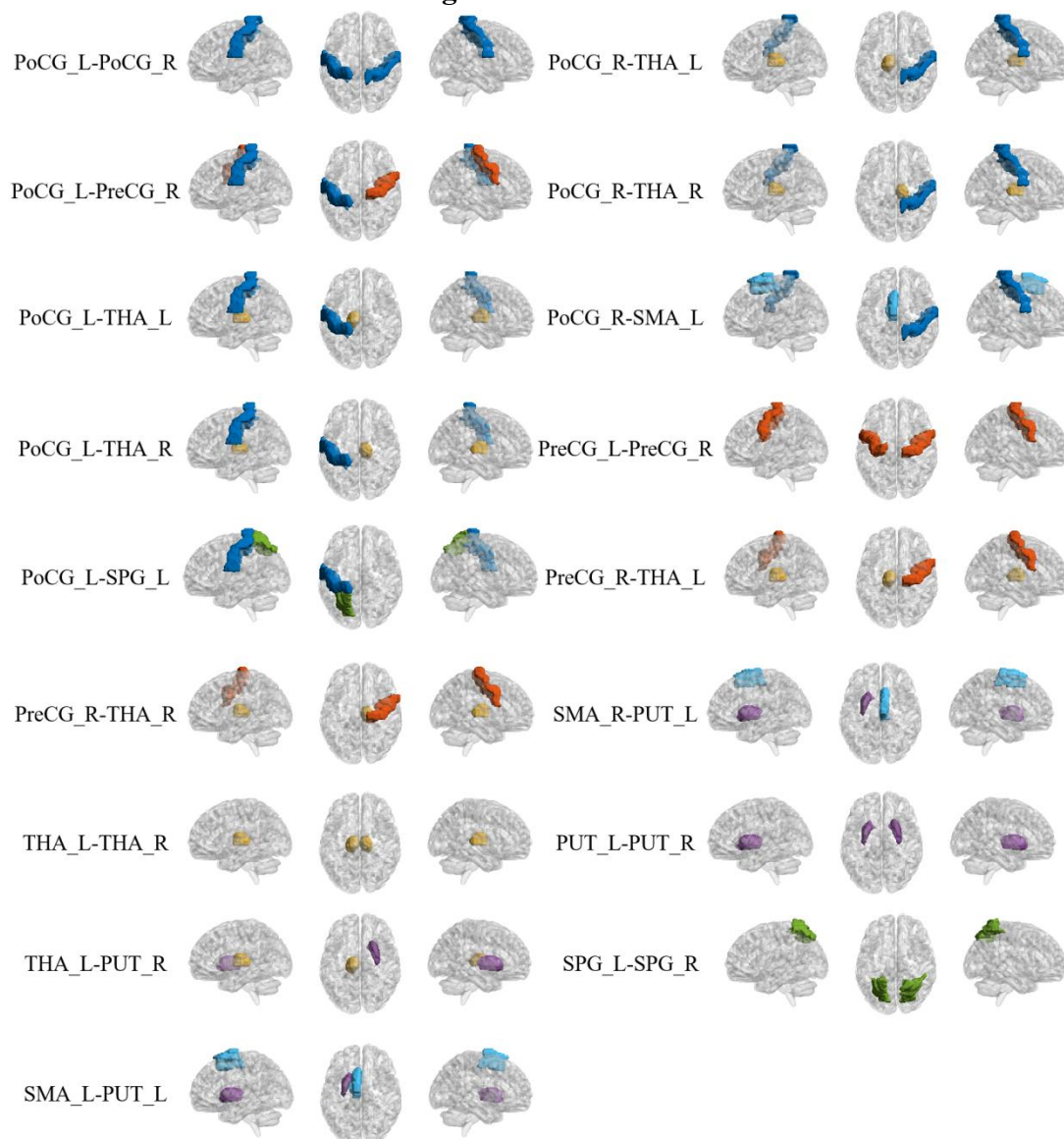
eFigure 3
Correlation Analysis Between SC and FMA Scores



Abbreviations: SC=structural connectivity; FMA = Fugl-Meyer assessment; PoCG=postcentral gyrus; PreCG=precentral gyrus; THA=thalamus; SPG=superior parietal gyrus; SMA=supplementary motor area; PUT=lenticular nucleus, putamen; L,left; R,right.

eFigure 4

The anatomical locations of FC regions



Abbreviations: FC = functional connectivity; PoCG, Postcentral gyrus; PreCG, Precentral gyrus; THA, Thalamus; SPG, Superior parietal gyrus; SMA, Supplementary motor area; PUT, lenticular nucleus, putamen; L, left; R, right.

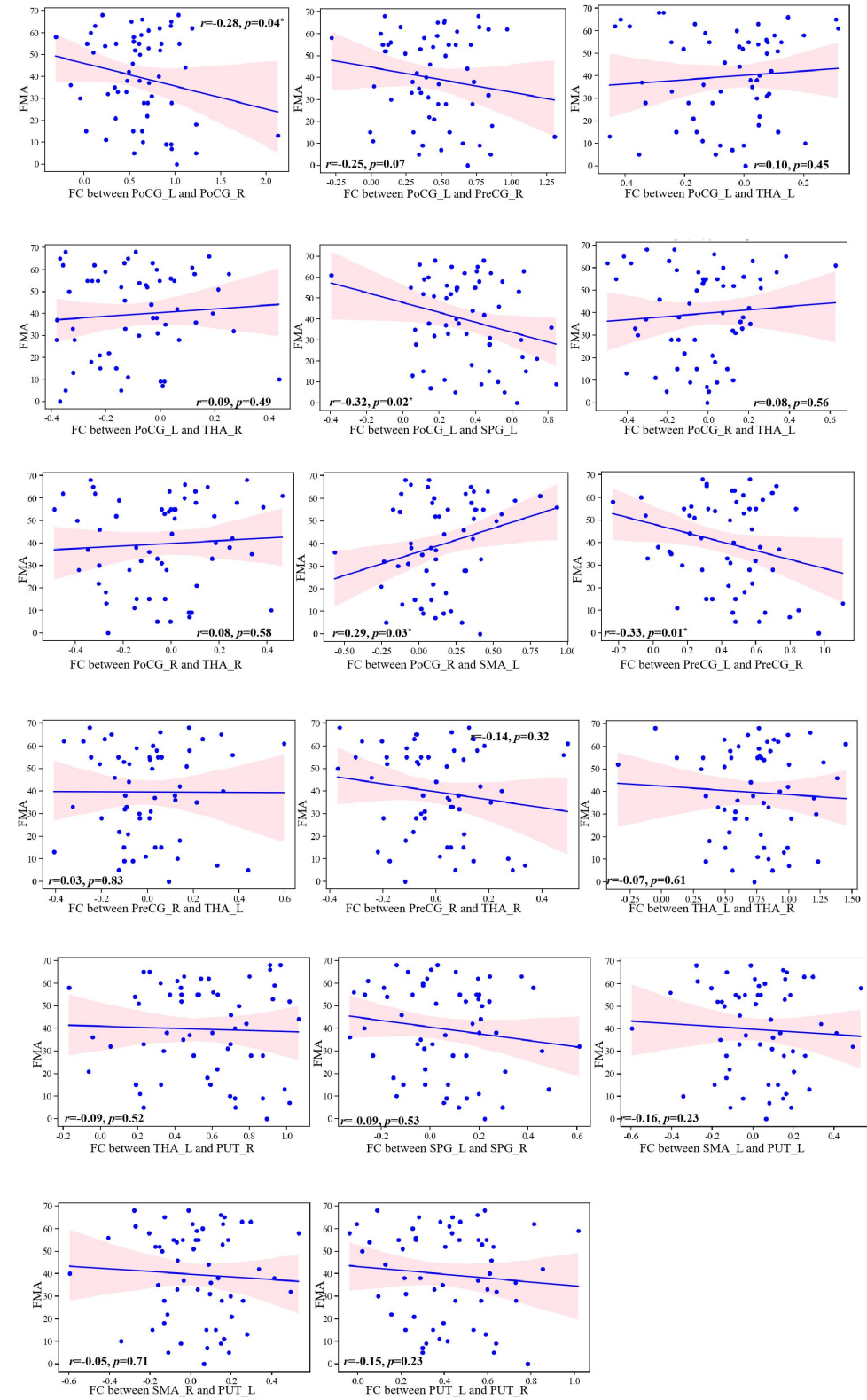
eFigure 5
The mean FC in PA and HC



Abbreviations: PA=patients; HC = healthy controls; FC = functional connectivity; PoCG, Postcentral gyrus; PreCG, Precentral gyrus; THA, Thalamus; SPG, Superior parietal gyrus; SMA, Supplementary motor area; PUT, lenticular nucleus, putamen; L, left; R, right.

eFigure 6

Correlation Analysis Between FC and FMA Scores



Abbreviations: FC = functional connectivity; FMA = Fugl-Meyer assessment; PoCG, Postcentral gyrus; PreCG, Precentral gyrus; THA, Thalamus; SPG, Superior parietal

gyrus; SMA, Supplementary motor area; PUT, lenticular nucleus, putamen; L, left; R, right.