

Participant No	Right Corticomotor FA			Left Corticomotor FA		
	Data Available & Acceptable Quality	Baseline	Change	Data Available & Acceptable Quality	Baseline	Change
1	TRUE	0.477456	-0.24%	TRUE	0.499718	-3.06%
2	TRUE	0.510845	0.04%	TRUE	0.477243	0.89%
3	TRUE	0.506713	0.74%	FALSE		
4	TRUE	0.488153	3.45%	TRUE	0.439912	9.37%
5	TRUE	0.468355	-4.83%	TRUE	0.476681	7.97%
6	TRUE	0.493892	-0.04%	FALSE		
7	TRUE	0.499521	-1.30%	TRUE	0.488771	1.78%
8	TRUE	0.523388	4.71%	TRUE	0.521575	1.17%
9	TRUE	0.477178	6.74%	TRUE	4.61E-01	1.85%
10	TRUE	0.538483	5.08%	FALSE		
11	TRUE	0.527411	14.74%	TRUE	4.86E-01	12.93%
12	TRUE	0.475994	-0.90%	FALSE		
13	TRUE	0.517617	7.24%	TRUE	0.502667	-6.04%
14	TRUE	0.464321	1.83%	TRUE	0.471007	0.99%
15	TRUE	0.529736	3.87%	TRUE	4.89E-01	-7.38%
16	TRUE	0.468246	-0.18%	TRUE	5.03E-01	-8.33%
17	TRUE	0.572679	14.83%	FALSE		
18	TRUE	0.461699	0.06%	TRUE	0.475482	4.01%
19	TRUE	0.546515	3.85%	TRUE	0.470475	-1.68%
20	TRUE	0.443202	-0.03%	TRUE	0.478225	-1.36%
21	TRUE	0.472385	2.19%	TRUE	0.453867	-0.96%
22	TRUE	0.515356	10.37%	TRUE	0.509129	-0.76%
23	FALSE			FALSE		
		Mean	3.28%		Mean	0.67%
		SEM	1.07%		SEM	1.37%

Notes

All FA and MD values reported here are calculated with MRTrix3

Change refers to % change after treatment, where a positive number implies an increase and negative implies a decrease

Right Caudate					Right Nacc	
Data Available & Acceptable Quality	FA Baseline	MD Baselin	FA Change	MD Change	Data Available & Acceptable Quality	FA Baseline
TRUE	0.181517289	0.000674	-0.44%	-1.82%	TRUE	0.157101213
TRUE	0.174810979	0.000674	1.10%	-1.14%	TRUE	0.150805235
TRUE	0.189847414	0.000667	-1.89%	3.83%	TRUE	0.131470122
TRUE	0.180169746	0.00069	8.04%	-3.12%	TRUE	0.158205422
TRUE	0.173878666	0.000705	2.29%	-0.54%	TRUE	0.166136037
TRUE	0.163410165	0.000676	-5.45%	2.60%	TRUE	0.160472419
TRUE	0.159197516	0.000681	1.91%	2.10%	TRUE	0.156255176
TRUE	0.151793757	0.000678	7.18%	0.23%	TRUE	0.120894607
TRUE	0.21598334	0.000601	-2.70%	4.19%	TRUE	0.215366658
TRUE	0.163714231	0.00067	-1.51%	1.33%	TRUE	0.134822014
TRUE	0.185323144	0.000654	3.34%	3.94%	TRUE	0.15919296
TRUE	0.161394234	0.00069	6.14%	-3.15%	TRUE	0.154899354
TRUE	0.176872249	0.000647	6.54%	-0.12%	TRUE	0.216632928
TRUE	0.171326534	0.000653	5.78%	0.96%	TRUE	0.148367566
TRUE	0.173741791	0.000715	9.31%	-4.14%	TRUE	0.149506112
TRUE	0.168157448	0.000725	13.34%	-3.40%	TRUE	0.151074118
TRUE	0.168565545	0.00068	-2.61%	-0.77%	TRUE	0.155623084
TRUE	0.138151033	0.000717	21.13%	-4.86%	TRUE	0.150616345
TRUE	0.14744823	0.000694	18.58%	-2.89%	TRUE	0.17245385
TRUE	0.154690387	0.000717	8.16%	-4.79%	TRUE	0.210554032
TRUE	0.167775463	0.000699	7.21%	-6.46%	TRUE	0.180016031
TRUE	0.181806027	0.000667	3.32%	-0.29%	TRUE	0.137578062
FALSE					FALSE	
		Mean	4.94%	-0.83%		
		SEM	1.43%	0.65%		

MD Baseline	FA Change	MD Change	Left_MFG_middle_frontal_gyrus-->Left_Caudate			Right Middle Frontal Gyrus Connection To Right	
			FA Baseline	FA Change	FA+	FA Baseline	FA Change
0.00065084	3.33%	-1.63%	0.3385321	0.63%	TRUE	0.3504318	-2.31%
0.000667942	-8.28%	1.39%	0.3299382	-0.51%	FALSE	0.3242379	2.76%
0.000664474	1.87%	-0.84%	0.340514	-1.76%	FALSE	0.351215	-2.27%
0.0006532	-3.95%	-2.91%	0.3058418	-2.14%	FALSE	0.2984361	1.56%
0.000667331	0.13%	-2.92%	0.3158441	-2.05%	FALSE	0.3039525	2.05%
0.000652078	-9.72%	0.13%	0.3293103	-2.80%	FALSE	0.3283286	1.17%
0.000684085	2.32%	-2.11%	0.3390181	-0.48%	FALSE	0.3344566	-7.48%
0.000682303	8.34%	-2.51%	0.3500984	5.58%	TRUE	0.3406523	5.27%
0.000634419	-22.05%	4.50%	0.3632995	-3.04%	FALSE	0.3571173	3.22%
0.000685061	-1.49%	1.90%	0.311541	3.29%	TRUE	0.319716	-4.27%
0.000656304	6.81%	1.68%	0.3514846	4.50%	TRUE	0.3495653	3.11%
0.00070668	-10.08%	-2.65%	0.3253631	-3.90%	FALSE	0.3161911	2.65%
0.000587942	-3.35%	5.31%	0.3453799	-2.47%	FALSE	0.3302987	3.92%
0.000645415	-9.66%	-0.76%	0.3538143	-2.21%	FALSE	0.3480254	1.10%
0.000689932	14.92%	-3.55%	0.3644329	1.50%	TRUE	0.3545421	1.51%
0.000688739	-8.81%	3.19%	0.3064333	3.03%	TRUE	0.3093586	3.27%
0.000654873	1.02%	1.01%	0.3398275	-1.57%	FALSE	0.3446307	2.00%
0.000668018	-1.58%	2.69%	0.328349	1.29%	TRUE	0.3237216	1.24%
0.000677411	-8.68%	-2.07%	0.2899864	2.78%	TRUE	0.3074107	7.23%
0.000640865	-15.70%	-1.13%	0.3188151	4.73%	TRUE	0.3177553	5.27%
0.000642623	2.39%	-4.30%	0.3510711	-4.17%	FALSE	0.3462374	-0.70%
0.000643401	-7.53%	2.42%	0.3408137	0.84%	TRUE	0.3337379	0.47%
Mean	-3.17%	-0.14%		Count positive	10		Count positive
SEM	1.79%	0.58%					

Caudate		Left_SMC_supplementary_motor_cortex-->Left_MFG_middle_frontal_gyrus		
FA+	FA Baseline	FA Change	FA+	
FALSE	0.4180332	5.09%	TRUE	
TRUE	0.4263764	1.75%	TRUE	
FALSE	0.4522245	-4.48%	FALSE	
TRUE	0.387824	0.38%	TRUE	
TRUE	0.3931099	-2.74%	FALSE	
TRUE	0.406826	0.53%	TRUE	
FALSE	0.4266399	3.82%	TRUE	
TRUE	0.405425	3.86%	TRUE	
TRUE	0.4248275	-0.70%	FALSE	
FALSE	0.4121705	-1.15%	FALSE	
TRUE	0.4353699	4.60%	TRUE	
TRUE	0.3952772	0.35%	TRUE	
TRUE	0.4206727	-12.15%	FALSE	
TRUE	0.4365656	-0.66%	FALSE	
TRUE	0.4510375	1.94%	TRUE	
TRUE	0.444867	-2.82%	FALSE	
TRUE	0.4046623	2.38%	TRUE	
TRUE	0.4354466	-0.45%	FALSE	
TRUE	0.3769921	3.79%	TRUE	
TRUE	0.4020572	5.63%	TRUE	
FALSE	0.4083018	-3.99%	FALSE	
TRUE	0.417526	0.30%	TRUE	

DATA NOT NORMAL

Right_SMC_supplementary_motor_cortex-->Right_MFG_middle_frontal_gyrus

FA Baseline	FA Change	FA+	
0.4096439	0.97%	TRUE	
0.4146282	1.71%	TRUE	
0.4565066	-2.31%	FALSE	
0.3755804	3.47%	TRUE	
0.4074879	1.45%	TRUE	
0.4046958	1.72%	TRUE	
0.4285593	-1.89%	FALSE	
0.413769	6.04%	TRUE	
0.4031989	3.24%	TRUE	
0.3998291	6.91%	TRUE	
0.4401036	5.15%	TRUE	
0.4032826	0.75%	TRUE	
0.4185883	-12.21%	FALSE	
0.4203827	1.22%	TRUE	
0.4412325	-0.60%	FALSE	
0.4064932	3.34%	TRUE	
0.3970453	1.37%	TRUE	
0.4307228	2.37%	TRUE	
0.3755089	9.66%	TRUE	
0.4079837	4.52%	TRUE	
0.3941869	3.54%	TRUE	
0.4124353	1.03%	TRUE	

DATA NOT NORMAL

Count positive

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