

Supplementary Table 1 summarizes the location of significant FA decrease in the white matter of patients (left and right MTLE combined, with the left MTLE grouped flipped along the y axis) compared with controls. The results are localized based on the overlying nearest gray matter AAL region.

X	Y	Z	Z score	Region (AAL)
36	-8	-14	4.461968422	Hippocampus (ipsilateral)
-32	32	-6	4.315664291	Frontal_Inf_Orb (contralateral)
-42	-2	16	4.22136879	Rolandic_Oper (contralateral)
-18	24	6	4.005120277	Caudate (contralateral)
48	-48	-4	3.996554613	Temporal_Inf (ipsilateral)
28	-92	10	3.973218679	Occipital_Mid (ipsilateral)
-34	-12	-16	3.95407033	Hippocampus (contralateral)
-16	24	-12	3.879535675	Rectus (contralateral)
-12	-76	-4	3.743991375	Lingual (contralateral)
-48	-4	-18	3.737039328	Temporal_Mid (contralateral)
-42	-2	-28	3.736183882	Temporal_Inf (contralateral)
44	26	6	3.726572037	Frontal_Inf_Tri (ipsilateral)
34	0	-34	3.715324163	Fusiform (ipsilateral)
12	-10	4	3.668783903	Thalamus (ipsilateral)
28	-20	-8	3.624466896	Hippocampus (ipsilateral)
46	-24	22	3.623073339	Rolandic_Oper (ipsilateral)
-34	-70	22	3.609212875	Occipital_Mid (contralateral)
56	-32	-16	3.595876932	Temporal_Inf (ipsilateral)
-32	30	10	3.580302954	Insula (contralateral)
-32	-2	-32	3.553058386	Fusiform (contralateral)
-10	-88	6	3.552999496	Calcarine (contralateral)
-24	-30	-4	3.439842939	Hippocampus (contralateral)
-16	-54	16	3.431943655	Precuneus (contralateral)
18	-58	24	3.372729063	Precuneus (ipsilateral)
34	28	12	3.367061853	Frontal_Inf_Tri (ipsilateral)
40	2	-34	3.354287624	Temporal_Inf (ipsilateral)
10	-90	22	3.323294878	Cuneus (ipsilateral)
38	-70	18	3.259498119	Occipital_Mid (ipsilateral)
-14	54	-4	3.234737635	Frontal_Med_Orb (contralateral)
-38	0	-32	3.217200994	Temporal_Inf (contralateral)
-52	0	10	3.185965538	Rolandic_Oper (contralateral)
-20	-28	-4	3.168089151	Hippocampus (contralateral)
46	-56	14	3.138406754	Temporal_Mid (ipsilateral)

Altered limbic connectivity in MTLE
Supplementary Table

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42	-60	24	3.097061634	Angular (ipsilateral)
40	10	14	3.085606337	Frontal_Inf_Oper (ipsilateral)
34	-12	18	3.079532146	Insula (ipsilateral)
30	-24	-8	3.060530186	Hippocampus (ipsilateral)
4	-38	8	3.055024862	Cingulum_Post (ipsilateral)
24	-6	-2	3.02495265	Pallidum (ipsilateral)
30	-72	18	3.024663448	Occipital_Mid (ipsilateral)
46	-40	12	3.022481441	Temporal_Sup (ipsilateral)
-10	-50	18	3.009824276	Precuneus (contralateral)
28	-56	8	3.006223202	Calcarine (ipsilateral)
42	38	10	2.989170313	Frontal_Inf_Tri (ipsilateral)
-32	-66	-6	2.988382578	Fusiform (contralateral)
-18	-74	-6	2.961104155	Lingual (contralateral)
-26	-66	10	2.95533824	Calcarine (contralateral)
60	-8	24	2.949582577	Postcentral (ipsilateral)
-10	-46	12	2.94955802	Precuneus (contralateral)
42	-6	-34	2.9353652	Temporal_Inf (ipsilateral)
-42	-8	22	2.924978256	Rolandic_Oper (contralateral)
40	-20	22	2.924792767	Rolandic_Oper (ipsilateral)
44	-70	24	2.911420822	Temporal_Mid (ipsilateral)
42	-2	18	2.904630899	Rolandic_Oper (ipsilateral)
26	28	-12	2.903612375	Frontal_Inf_Orb (ipsilateral)