

On-Line Table 1: The group differences on each region identified by ADC-GRP VBA and their combination^a

Cluster	Anatomic Names	Side	MNI		ADC		FA		AD		RD	
			Coordinates	x, y, z	t	P Value	t	P Value	t	P Value	t	P Value
1	Anterior cingulate, gyrus, cingulate, corpus callosum	R	23,14,35		-5.20	.00	4.70	.00	-0.26	.80	-5.56	.00
2	Precentral gyrus, cingulate gyrus	L	-17,11,40		-4.88	.00	2.53	.02	-1.58	.13	-4.44	.00
3	Parietal lobe, precuneus	L	-23,-54,51		-4.42	.00	0.00	.26	-1.19	.25	-2.75	.01
4	Insula	L	-29,10,22		-4.30	.00	1.78	.09	-1.29	.21	-3.97	.00
5	Thalamus, mammillary body	L	-13,-13,7		-5.47	.00	1.21	.24	-1.98	0.06	-5.45	.00
6	Precentral gyrus, insula, lentiform nucleus, parietal lobe	L	-31,-13,28		-6.12	.00	2.80	.01	-0.98	0.34	-4.64	.00
Total	Above	R/L	Above		-7.14	.00	4.03	.00	-1.72	0.10	-7.08	.00

^a The first column gives the region identification where the total indicates the combination of those regions, and the following columns give the anatomic name, left/right, MNI coordinates, and unpaired *t* test. The *P* values have been corrected for multiple dependent comparisons.

On-Line Table 2: The linear correlation between test score (RPCSQ) and indices (ADC, FA, AD and RD) on each region identified by ADC-RPCSQ VBA and their combination^a

Cluster	Anatomic Names	Side	MNI		ADC		FA		AD		RD	
			coordinates	x, y, z	r	Bdp	r	Bfp	r	Bdp	r	Bdp
1	Middle and superior temporal gyrus	L	-41,-53,16		-0.71	-1.07	0.24	1.21	-0.07	-0.33	-0.44	-1.45
2	Inferior and supramarginal parietal lobe	L	-43,-48,36		-0.61	-1.47	0.33	1.59	-0.10	-0.41	-0.51	-2.01
3	Posterior cingulate, temporal lobe, occipital lobe, parietal lobe precuneus	L	-14,-66,28		-0.77	-2.83	0.56	2.20	-0.37	-1.31	-0.75	-3.59
4	Precentral, middle, inferior frontal gyrus	L	-35,4,43		-0.70	-1.81	0.48	2.95	0.07	0.29	-0.60	-2.85
5	Frontal lobe, precentral and middle gyrus	R	29,12,33		-0.84	-1.32	0.50	1.54	-0.19	-0.59	-0.81	-1.68
6	Frontal lobe, middle frontal gyrus	R	35,25,31		-0.85	-1.67	0.57	2.84	0.07	0.22	-0.76	-2.62
7	Temporal lobe, middle temporal gyrus	R	53,-46,-2		-0.71	-1.17	0.57	2.25	0.10	0.32	-0.72	-1.91
Total	Above	R/L	Above		-0.94	-1.37	0.69	1.91	-0.08	-0.16	-0.90	-2.32

^a The first column gives the region identification where the total indicates the combination of those regions, and the following columns give the anatomic name, left/right, MNI coordinates, and Spearman correlation for diffusivities and FA.

On-Line Table 3: The linear correlation between test score (BSI) and indices (ADC, FA, AD and RD) on each region identified by ADC-BSI VBA and their combination^a

Cluster	Anatomic Names	Side	MNI		ADC		FA		AD		RD	
			coordinates	x, y, z	r	Bdb	r	Bfb	r	Bdb	r	Bdb
1	Inferior and middle temporal lobe	L	-45,-9,-20		-0.59	-1.68	0.25	1.36	-0.21	-1.54	-0.50	-1.74
2	Superior and middle temporal gyrus	L	-44,-53, 11		-0.60	-3.15	0.48	6.99	0.26	2.53	-0.56	-5.99
3	Medial frontal gyrus, anterior cingulate	L	-10, 40,-10		-0.66	-2.25	0.37	1.32	-0.38	-1.69	-0.69	-2.51
4	Inferior and medial frontal gyrus, anterior cingulate	R	16, 33,-12		-0.73	-1.84	0.32	1.38	-0.44	-1.35	-0.60	-2.08
5	Middle and superior frontal gyrus	R	25, 23, 48		-0.77	-6.24	0.56	6.47	-0.29	-2.17	-0.73	-8.31
6	Middle frontal gyrus	R	41, 41, 25		-0.59	-4.31	0.27	2.26	-0.44	-2.75	-0.53	-5.08
7	Superior and middle temporal gyrus	R	60,-25, 3		-0.66	-5.84	0.39	1.75	-0.62	-5.16	-0.65	-6.18

^a The first column gives the region identification where the total indicates the combination of those regions, and the following columns give the anatomic name, left/right, MNI coordinates, and Spearman correlation for diffusivities and FA.