

On-line Table 1: κ value of intraobserver and interobserver variability of ROI-based analysis

ROI	Averaged Intraobserver Agreements					Averaged Interobserver Agreements				
	FA	ADC	λ_1	λ_2	λ_3	FA	ADC	λ_1	λ_2	λ_3
CST	0.40	0.41	0.30	0.47	0.28	0.36	0.38	0.57	0.42	0.56
MCP	0.31	0.35	0.17	0.09	0.26	0.30	0.61	0.25	0.39	0.45
ALIC	0.09	0.31	0.14	0.18	0.26	0.41	0.33	0.21	0.33	0.32
PLIC	0.08	0.25	0.17	0.14	0.14	0.31	0.57	0.29	0.34	0.43
GIC	0.26	0.30	0.12	0.25	0.17	0.52	0.55	0.24	0.41	0.43
CCG	0.62	0.53	0.50	0.34	0.33	0.51	0.45	0.66	0.53	0.44
CCS	0.43	0.27	0.52	0.14	0.24	0.30	0.40	0.58	0.32	0.29
CSO	0.13	0.22	0.21	0.21	0.12	0.06	0.55	0.30	0.46	0.24

Note:—ROI indicates region of interest; FA, fractional anisotropy; ADC, apparent diffusion constant; λ_1 , eigenvalue 1; λ_2 , eigenvalue 2; λ_3 , eigenvalue 3; CST, corticospinal tract; MCP, middle cerebellar peduncle; ALIC, anterior limb of the internal capsule; PLIC, posterior limb of the internal capsule; GIC, genu of the internal capsule; CSO, centrum semiovale; CCS, splenium of corpus callosum; CCG, genu of the corpus callosum.

On-line Table 2: The overall average percent variability between the mean of the 2 readings of each observer and interobserver readings

Location	Observer 1: First and Second Reading		Observer 2: First and Second Reading		Observer 1 and 2: First and First Reading		Observer 1 and 2: Second and Second Reading	
	Least*	Most*	Least*	Most*	Least*	Most*	Least*	Most*
ADC	CSO	ALIC	CSO	CCS	CCG	MCP	CSO	Th
	1.9%	7.0%	3.3%	7.0%	3.5%	12.5%	1.2%	13.2%
FA	CCG	Pt	CCG	CSO	CCG	Pt	CCG	Th
	2.6%	16.0%	1.6%	17.3%	1.9%	24.9%	0.0%	5.27%
λ_1	PLIC	ALIC	ICG	Pt	CCG	ALIC	CCS	ALIC
	3.1%	9.4%	2.4%	8.4%	3.1%	12.6%	0.1%	14.1%
λ_2	Pt	CCS	Th	CCS	Pt	MCP	CCG	Th
	5.2%	14.9%	5.4%	16.8%	6.9%	18.2%	5.1%	27.6%
λ_3	Pt	CCS	Th	CSO	Th	MCP	CCG	Pt
	6.5%	23.0%	6.6%	19.2%	8.2%	33.4%	9.0%	32.5%

Note:—FA indicates fractional anisotropy; ADC, apparent diffusion constant; λ_1 , eigenvalue 1; λ_2 , eigenvalue 2; λ_3 , eigenvalue 3; MCP, middle cerebellar peduncle; ALIC, anterior limb of the internal capsule; PLIC, posterior limb of the internal capsule; ICG, genu of the internal capsule; CSO, centrum semiovale; Th, thalamus; Pt, putamen; CCS, splenium of corpus callosum; CCG, genu of the corpus callosum.

* Percentage of variability.