

Supplementary Table 6. Relationships between significant MD changes and changes in MTD scores over 6 months

White matter tracts showing significant MD changes	Changed MTD scores in the affected hemifield (1 week and 6 months)			
	Between 1 week and 1 month		Between 1 week and 3 months	
	Standardized β	<i>P</i>	Standardized β	<i>P</i>
Forceps major	-0.172	0.467	-0.394	0.077
Inferior fronto-occipital fasciculus (IL)	-0.395	0.101	-0.340	0.148
Inferior longitudinal fasciculus (IL)	-0.433	0.034*	-0.374	0.075
Superior longitudinal fasciculus (IL)	-	-	0.180	0.461

Relationships between changed MTD scores between 1 week and 6 months after stroke onset and MD values with significant temporal changes in *post hoc* paired t-tests were investigated using robust regression with the Bonferroni-correction for 7 comparisons.

MD, mean diffusivity; MTD, mean total deviation; IL, ipsilesional; CL, contralesional.

*Statistical significance at the Bonferroni-uncorrected *P* value.

Supplementary Table 7. Relationships between significant MD changes and significant FA changes

Significant FA changes (1 week and 3 months)	Changed MD in the IL ILF (1 week and 1 month)	
	Standardized β	<i>P</i>
Inferior longitudinal fasciculus (CL)	-0.350	0.014*
Superior longitudinal fasciculus, temporal part (IL)	-0.084	0.692

Relationships between FA changes that showed significant correlations with MTD changes (between 1 week and 6 months) and MD changes that showed significant correlations with MTD changes (between 1 week and 6 months) were investigated using robust regression with the Bonferroni-correction for 2 comparisons.

MD, mean diffusivity; FA, fractional anisotropy; IL, ipsilesional; ILF, inferior longitudinal fasciculus; CL, contralesional; MTD, mean total deviation.

*Statistical significance at the Bonferroni-corrected *P* value.