

**On-line Table: Group comparisons of TBSS and ROI analyses by raters 1 and 2<sup>a</sup>**

TBSS	FA	MD	MK	RD	RK	AD	AK
CC, body	↓ <.05	↑ <.05	↓ <.1	↑ <.05	↓ <.05	↑ <.05	—
CC, splenium	↓ <.05	↑ <.05	—	↑ <.05	↓ <.1	↑ <.05	—
CC, genu	—	↑ <.05	↓ <.1	↑ <.05	↓ <.05	↑ <.05	—
OR, right	↓ <.05	↑ <.05	—	↑ <.05	↓ <.1	↑ <.05	—
OR, left	↓ <.05	↑ <.05	—	↑ <.05	↓ <.1	↑ <.05	—
CST, right	—	—	—	—	—	—	—
CST, left	—	—	—	—	—	—	—
Internal capsule, left	↓ <.05	↑ <.05	—	↑ <.05	—	↑ <.05	—
Internal capsule, right	—	↑ <.05	—	↑ <.05	—	—	—
Corona radiata, anterior	—	↑ <.05	—	↑ <.05	↓ <.05	—	—
Corona radiata, superior	—	↑ <.05	↓ <.1	↑ <.05	—	—	—
Corona radiata, posterior	—	↑ <.05	—	↑ <.05	—	—	—
Fronto-occipital fascicle, inferior	↓ <.05	↑ <.05	—	↑ <.05	—	—	—
Longitudinal fascicle, superior	↓ <.05	↑ <.05	—	↑ <.05	—	↑ <.05	—
CST, L and R frontal lobe	—	↑ <.05	—	↑ <.05	—	↑ <.05	—
ROI analysis by rater 1							
CC, genu	—	↑ .019	↓ .036	↑ .042	—	↑ .009	—
CC, splenium	—	—	—	—	↓ .024	—	—
OR, right	—	↑ .036	—	—	—	—	—
OR, left	—	—	↓ .011	—	↓ .028	—	—
CST, right peduncle	—	—	↑ .047	—	—	—	—
CST, left peduncle	—	—	—	—	—	—	—
ROI analysis by rater 2							
CC, genu	—	↑ .009	—	↑ .015	↓ .043	↑ .036	—
CC, splenium	—	—	—	—	—	—	—
OR, right	—	—	—	—	—	—	—
OR, left	↓ .028	—	↓ .004	—	↓ .011	—	—
CST, right peduncle	—	—	↑ .056	—	—	—	—
CST, left peduncle	—	—	—	—	—	—	—

**Note:**—R indicates right; L, left; CST, corticospinal tract.

<sup>a</sup> P values in regions where the diffusion or diffusional kurtosis parameters were statistically significant ( $P < .05$ ) or presented an increased (up arrow) or decreased (down arrow) tendency ( $P < .1$ ) in patients with NMO compared with healthy controls are indicated. TBSS significance values are reported by using threshold-free cluster enhancement and are fully corrected for multiple comparisons.