



**Figure 2b.** Region based univariate analysis of myelin maps. Vertical axis displays intensity of MM (higher intensity represents higher myelin content). Lines connect each MS-TN patient to the corresponding age and sex matched HC (only ipsilateral and bilateral regions shown).

**Figure 3:**

MM intensity distribution demonstrated demyelination in the right fornix-stria terminalis in a left-symptomatic vs right-symptomatic analysis of MS-TN patients ( $p < 0.05$ )