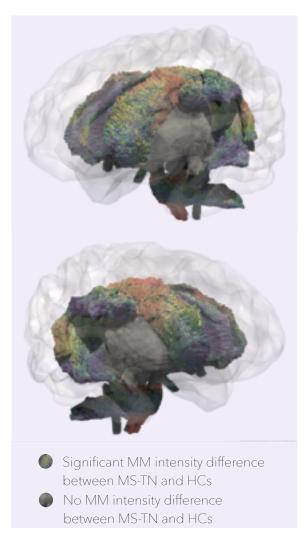
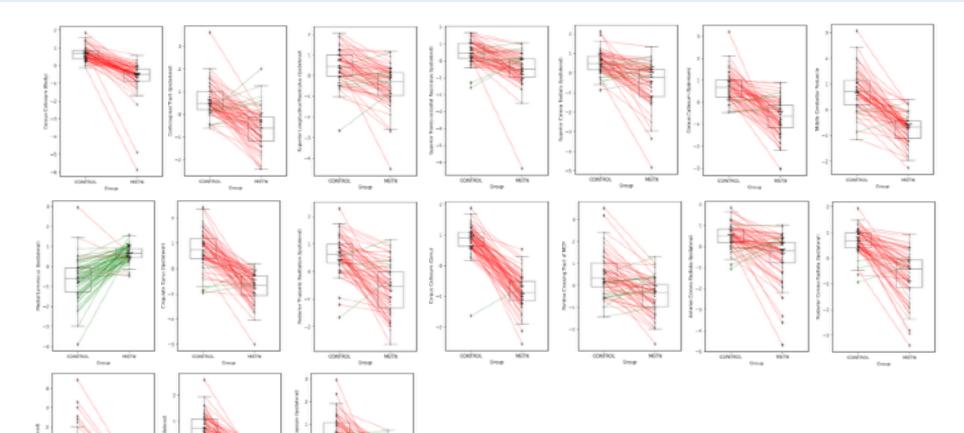
Figure 2: Univariate analysis identified regional white matter differences between MS-TN and HCs in 29/48 JHU regions (p<0.0001).

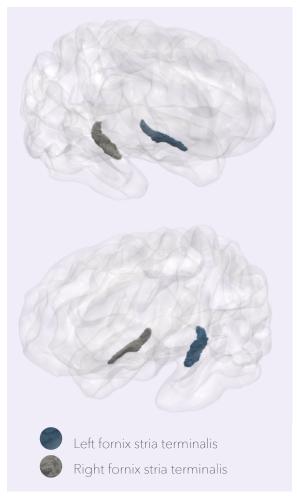


a. Proportion of JHU regions demonstrating significant MM intensity differences between MS-TN and HCs

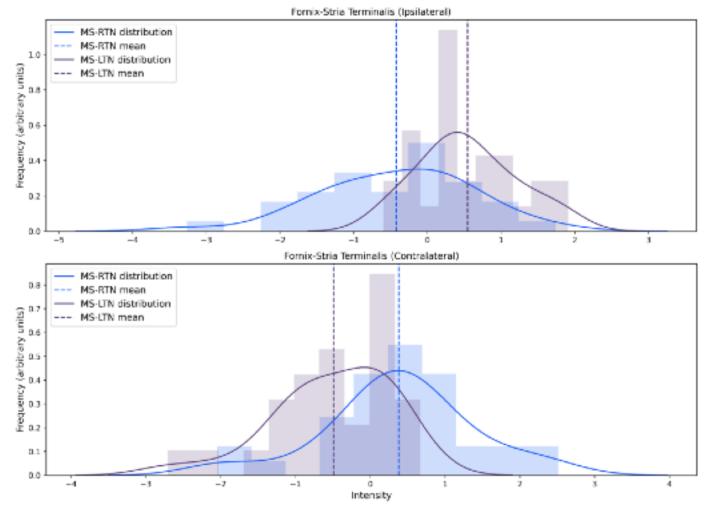


b. Region based univariate analysis of myelin maps. Vertical axis displays intensity of MM (higher intensity represents higher myelin content). Lines connect each MS-TN patient to the corresponding age and sex matched HC (only ipsilateral and bilateral regions shown).

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)



a. Right and left fornix stria terminalis indicated.



b. MM intensity distribution in the ipsilateral and contralateral fornix-stria terminalis in MS-RTN and MS-LTN patients.