

Supplementary Methods

Imaging acquired at the Canadian site was performed on a Siemens 1.5T Avanto (Siemens, Erlangen, Germany) MRI system. High-resolution SPGR 3D T1-weighted (1 mm^3 isotropic voxels, acquisition matrix 224×256), T2-weighted ($0.43 \times 0.43 \times 3\text{ mm}$ voxels, acquisition matrix 354×512) and FLAIR sequences ($0.86 \times 0.86 \times 3\text{ mm}$ voxels, acquisition matrix 256×256) were obtained in addition to DTI with 12 diffusion encoding gradients and an in-plane resolution of 1.3 mm (2 mm thickness, acquisition matrix 128×128). Imaging acquired at the U.S. site was performed on a 3.0 Tesla Siemens Magnetom Allegra syngo MR 2004A (Siemens, Erlangen, Germany) with DTI similar to the Canadian site, and high-resolution MP RAGE T1 weighted (1 mm^3 isotropic voxels, acquisition matrix 192×256), and T2 weighted (1 mm^3 isotropic voxels, acquisition matrix 256×256) images. High-resolution 3D full brain images were acquired to aid in normalization and co-registration.