



Fig. DSI Cortical reconstruction process and region of interest definition for a control group brain (left) and a relative group brain (right) for the left hemisphere. A: sagittal section showing the grey matter–white matter boundary (yellow line) and the pial surface (red line). B: lateral view of inflated grey–white boundary surfaces created from the segmentation of the grey and white matter, C: the 'average brain' to which each individual brain image was morphed and an example of a region of interest (cingulate sulcus) labelled on this average brain; D: the transformation in which the regions of interest (here the cingulate sulcus) from the average brain were transformed back onto the cortical surface of the individual brains.