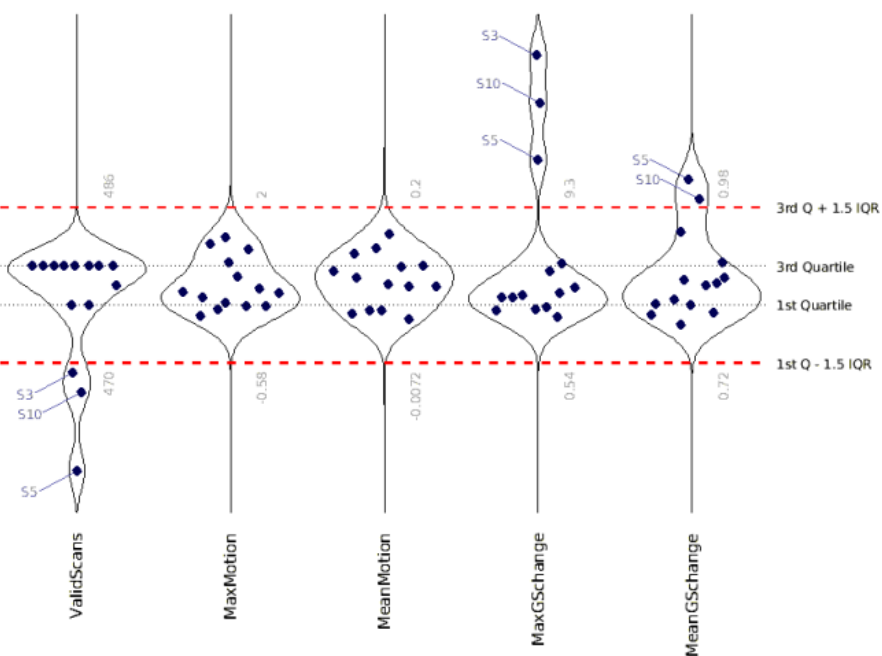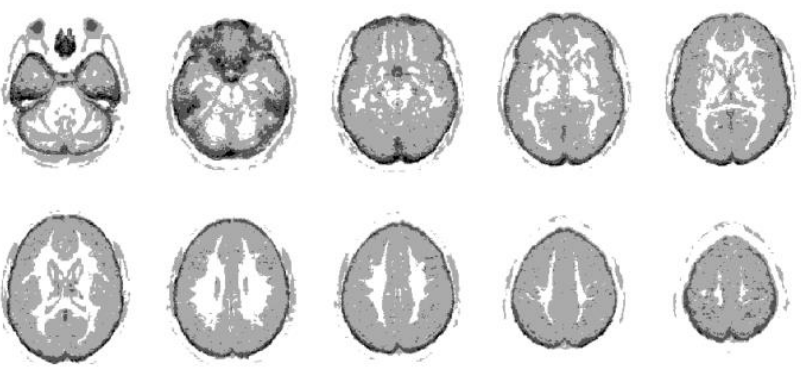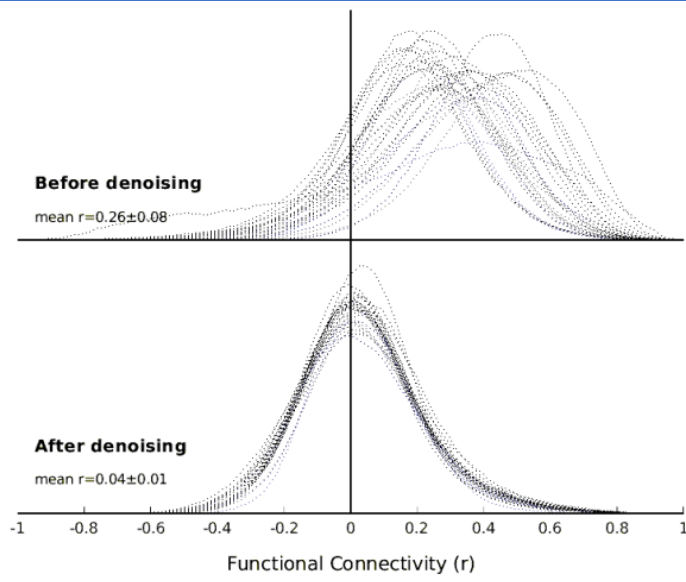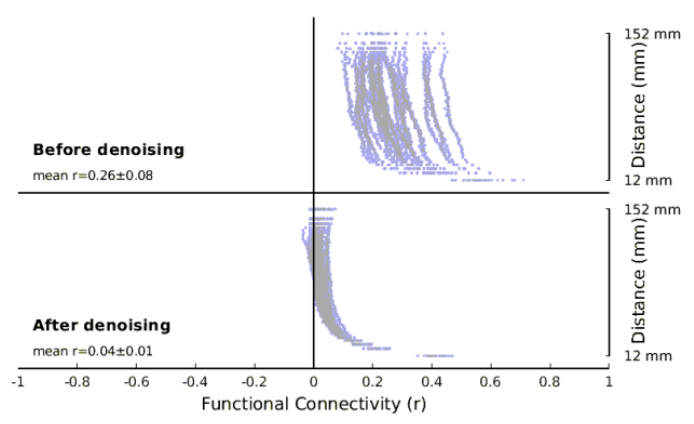# Quality Control and Assurance

▲ Violin plots of the number of valid scans (*ValidScans*), mean and maximum motion (*MeanMotion*, *MaxMotion*), and mean and maximum global signal change (*MeanGSchange*, *MaxGSchange*) across all subjects. Outliers are annotated by subject ID; confidence intervals ($\pm 1.5 \times IQR$) are denoted by red dashed lines.

▲ Variability of registrations across all subjects following DARTEL registration versus outline of MNI-space grey matter template (*greyscale*).

▲ Distribution of functional connectivity (r) across all subjects before and after denoising workflow.

▲ Average functional connectivity (r) per voxel versus distance from the voxel, across all subjects, before and after denoising workflow.