

Supplementary Table 1 Tract beginning and ending regions

Bundle name	Beginning	Ending
Inferior Longitudinal Fasciculus	TractSeg beginning mask	TractSeg ending mask
Uncinate Fasciculus	TractSeg beginning mask	TractSeg ending mask
Dorsal Cingulum	Caudal + rostral anterior cingulate	Isthmus cingulate + Precuneus
Ventral Cingulum	Hippocampus + temporal pole + entorhinal cortex	Isthmus cingulate + Precuneus
Temporopulvinar Bundle of Arnold	Temporal pole	Thalamus
Fornix	Hippocampus	Made up region based on TractSeg mask
Cerebello-thalamo-cortical tract	Cerebellum	Contralateral truncated superior frontal gyrus (+ thalamus as included region)
Callosal fibres - Superior Frontal gyri	Truncated superior frontal gyrus	Contralateral truncated superior frontal gyrus
Callosal fibres - Caudal middle frontal gyri	Caudal middle frontal gyrus	Contralateral caudal middle frontal gyrus
Callosal fibres - Precentral gyri	Precentral gyrus	Contralateral precentral gyrus

Tractography was also performed using appropriate exclusion masks to remove aberrant fibres. The masks of the named regions were computed as the FreeSurfer probabilistic maps of presence in the common FOD template space (with the Desikan-Killiany cortex parcellation).

The cerebello-thalamo-cortical tract was subsequently cut in inferior and superior parts with to respect to the thalamus.