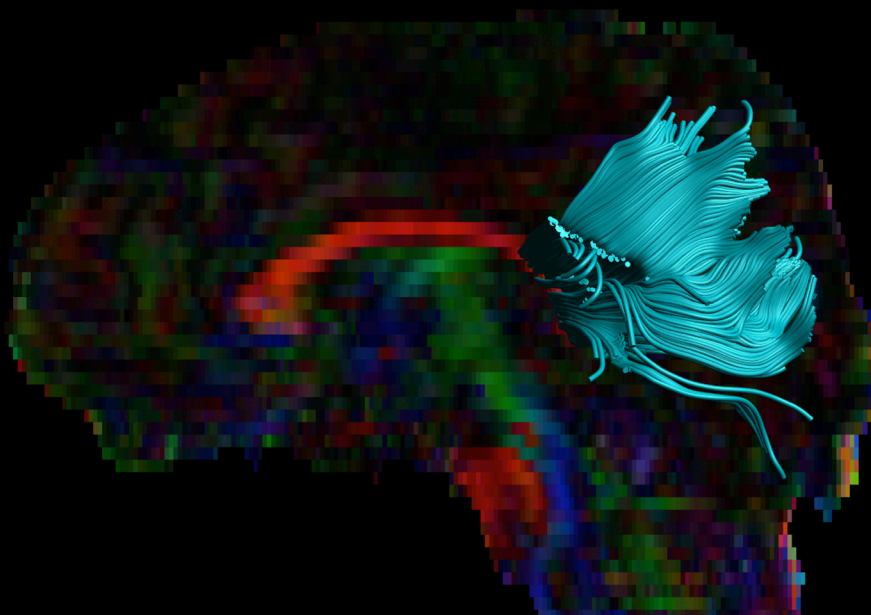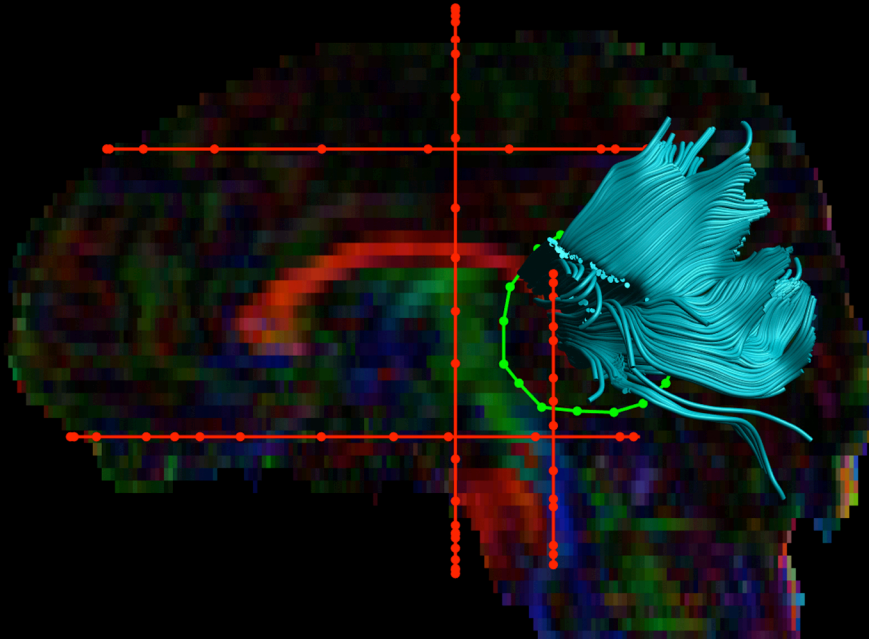# Corpus Callosum - Splenium

Corpus Callosum - Splenium

Regions of Interest (ROI):
RED regions of interest: exclusion regions (fibers cannot pass through these regions).
GREEN regions of interest: inclusion regions (fibers must pass through these regions).

Descriptions of ROIs:
*Please note that these ROIs may need to be modified for different data sets, and are not displayed in a standardized space/template.

Sagittal ROIs:
1. AND ROI placed on the posterior portion of the corpus callosum (body AND ROI should be loaded to ensure no overlapping fibers).

Axial ROIs:
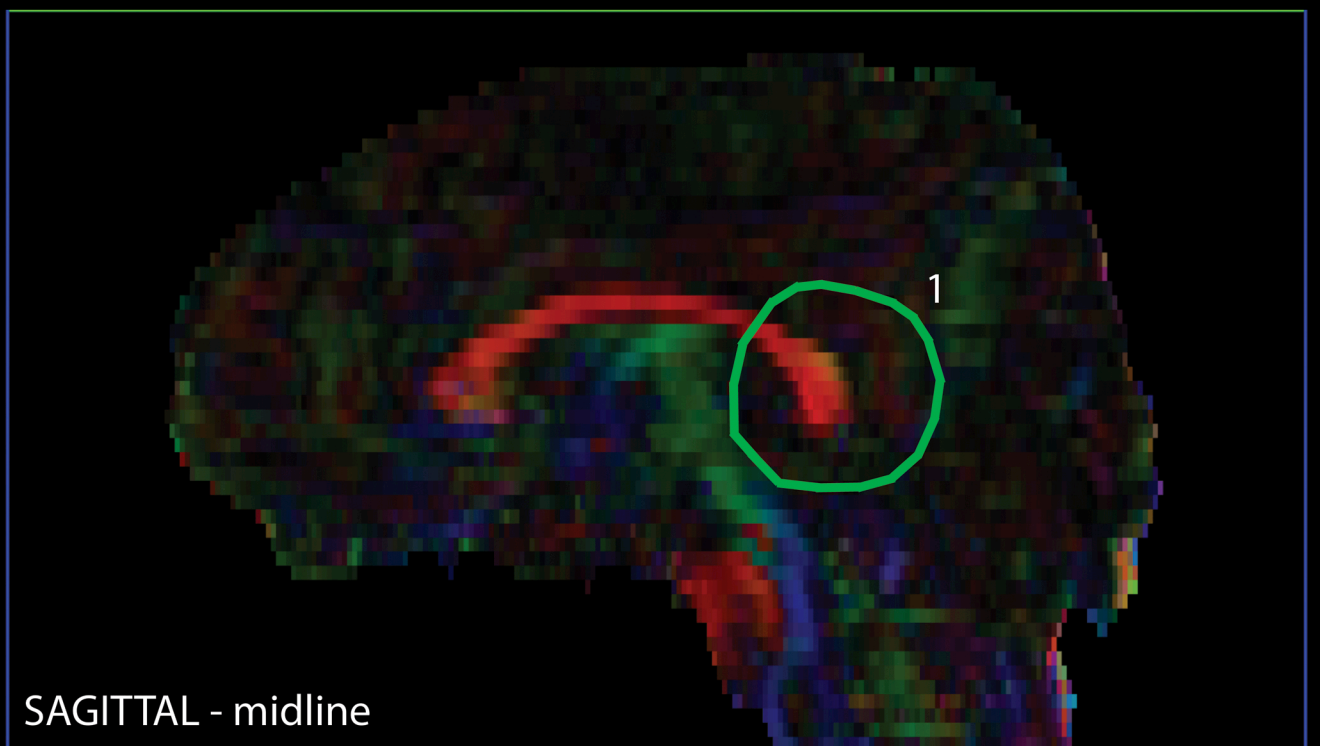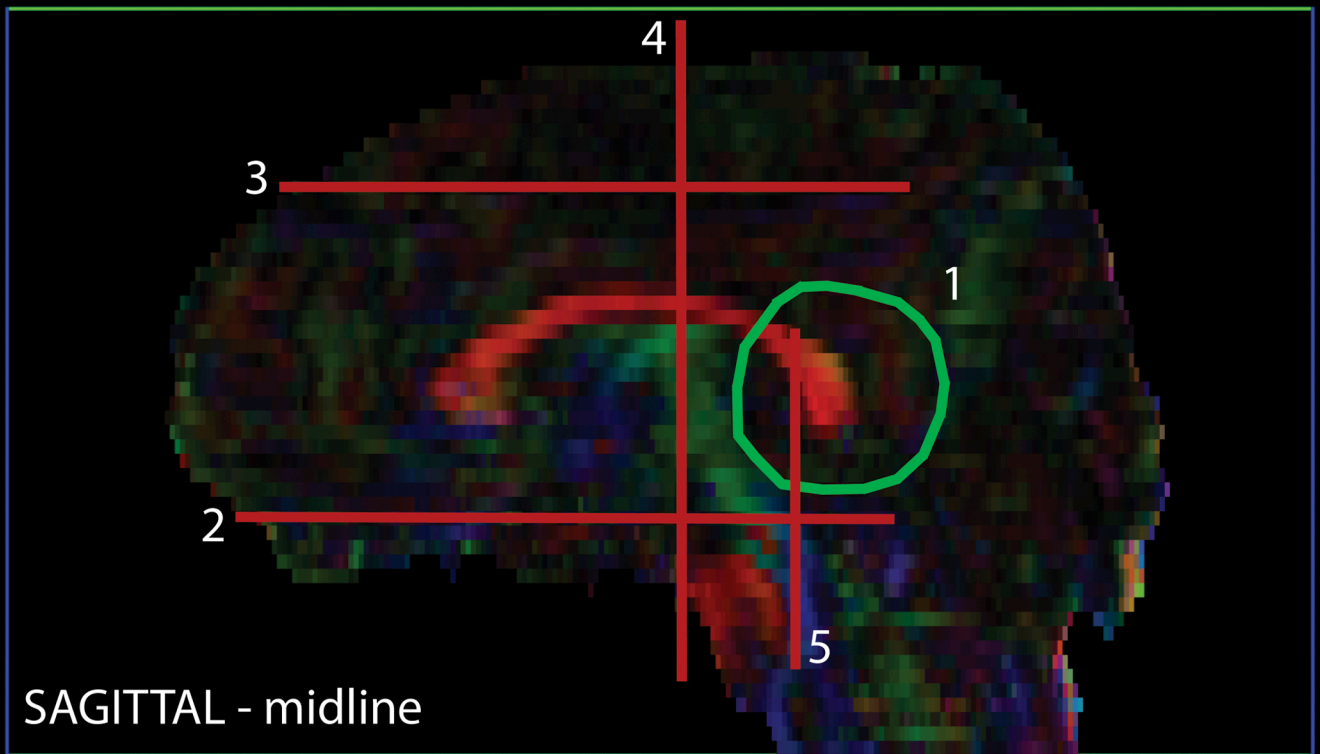2. NOT ROI placed below ROI 1, from posterior bound of ROI, to the anterior bound of the brain, to ensure fibers are projecting to posterior/occipital location.
3. NOT ROI placed above ROI 1, from posterior bound of ROI, to the anterior bound of the brain, to ensure fibers are projecting to posterior/occipital location. This ROI (3) is placed along the edge of (and including) the somatosensory/postcentral gyri, to ensure fibers are NOT projecting to the pre- or post-central gyri (motor and sensory cortices).
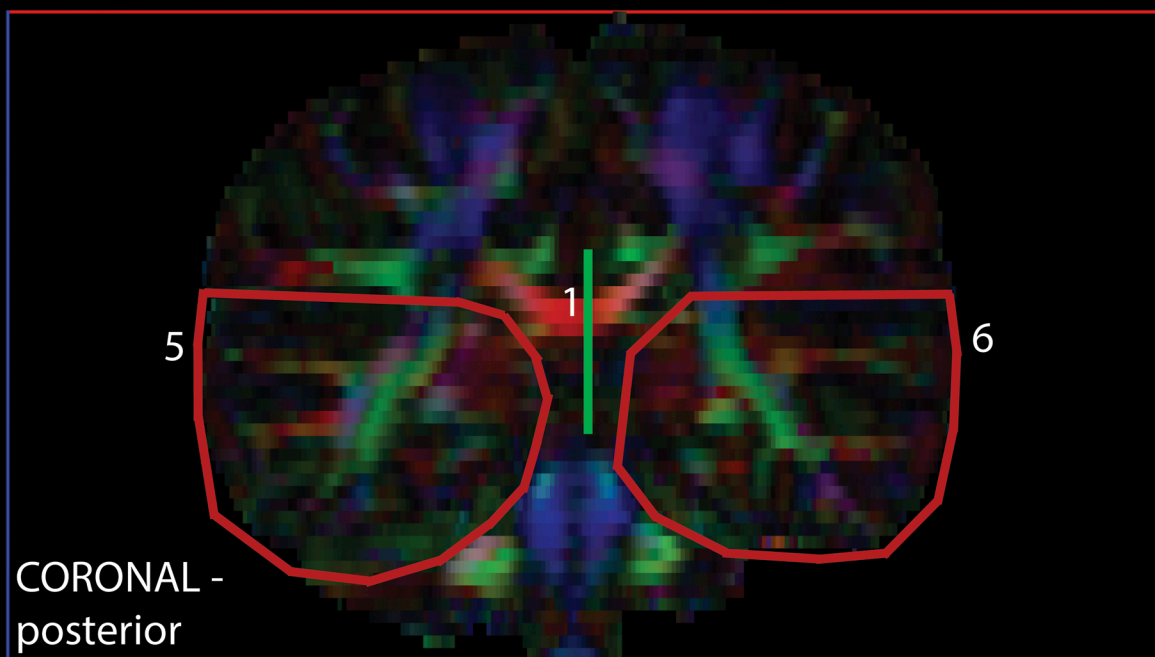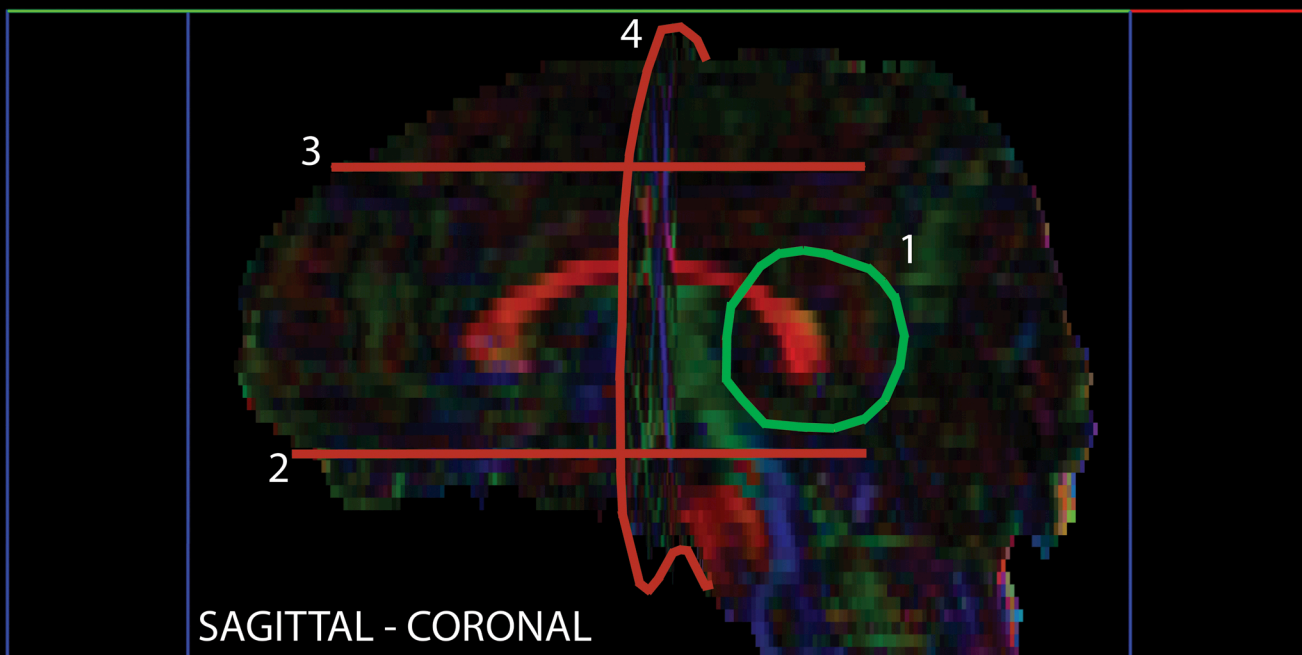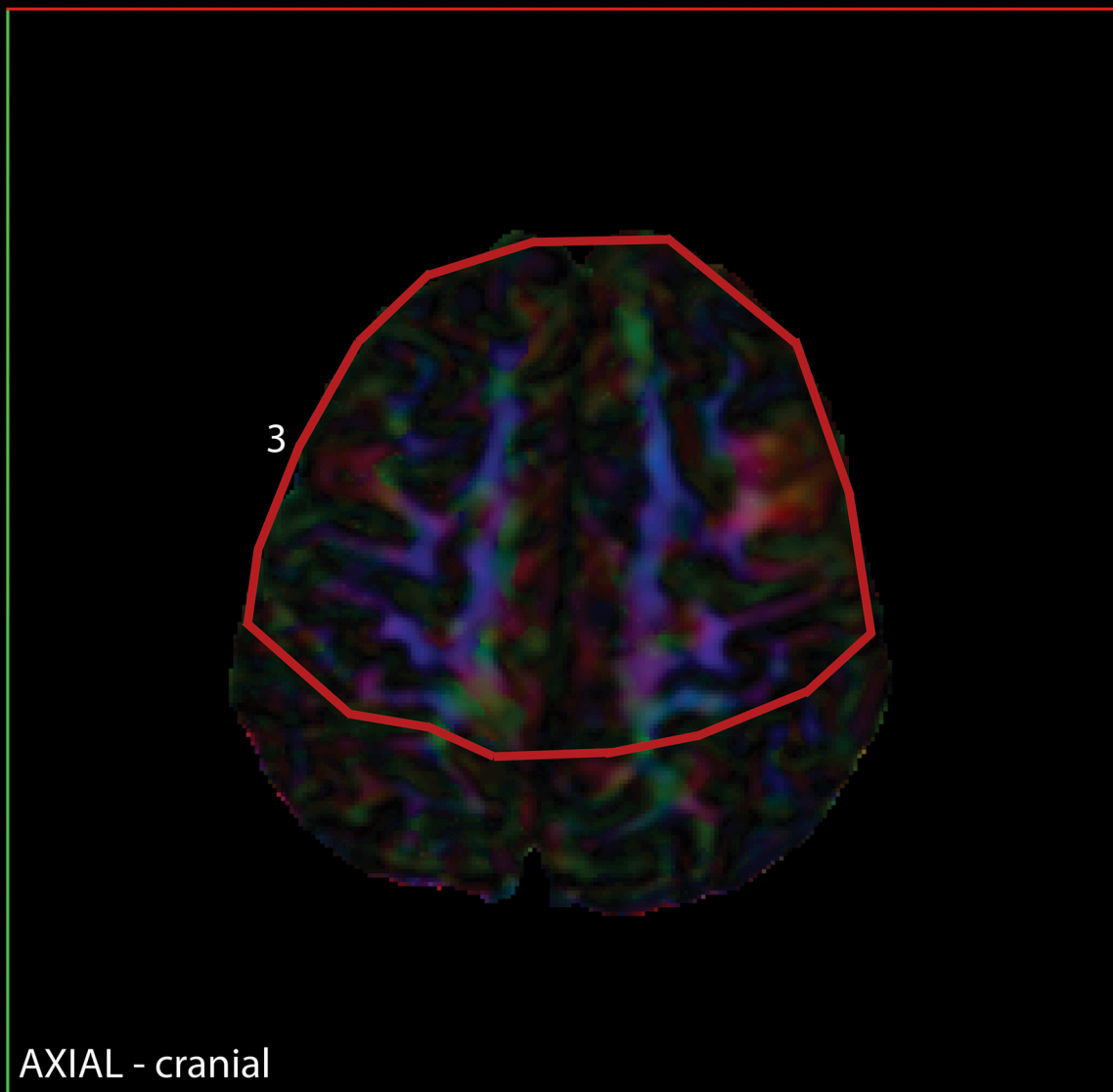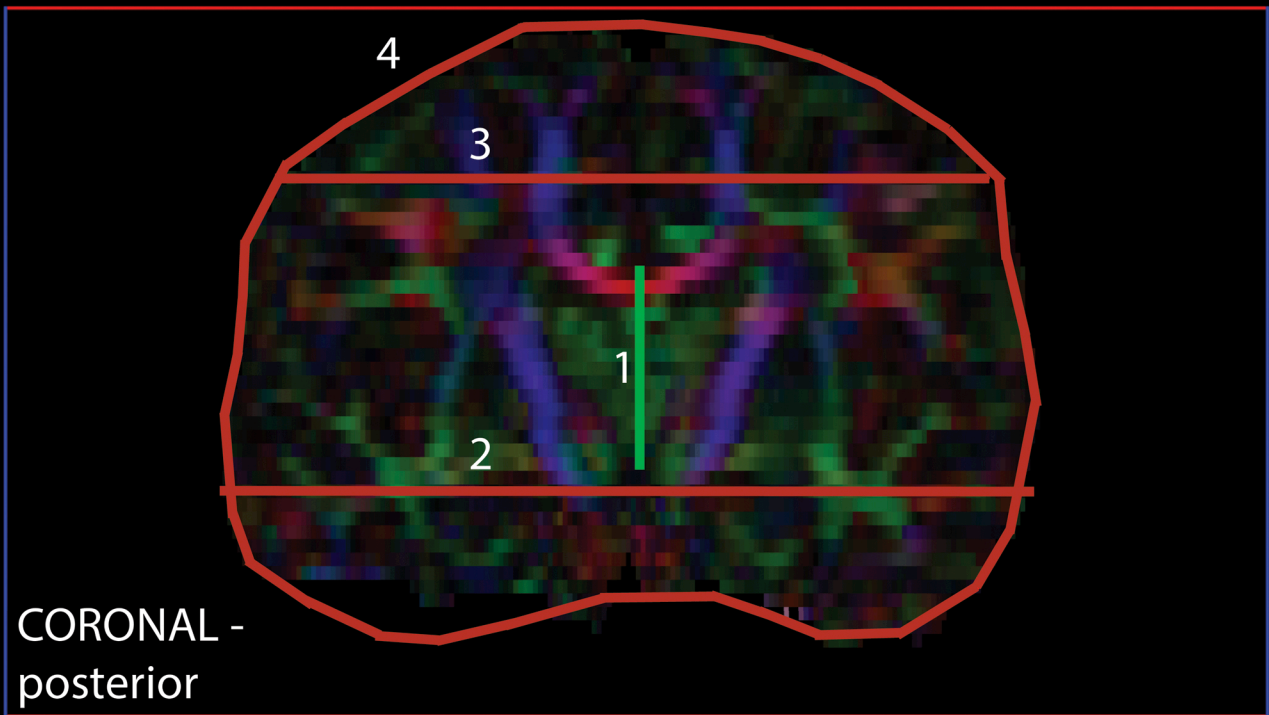
Coronal ROIs:
5. NOT ROI placed just below the level of the corpus callosum to the base of the brain, on the left side of the brain.
6. NOT ROI placed just below the level of the corpus callosum to the base of the brain, on the right side of the brain.
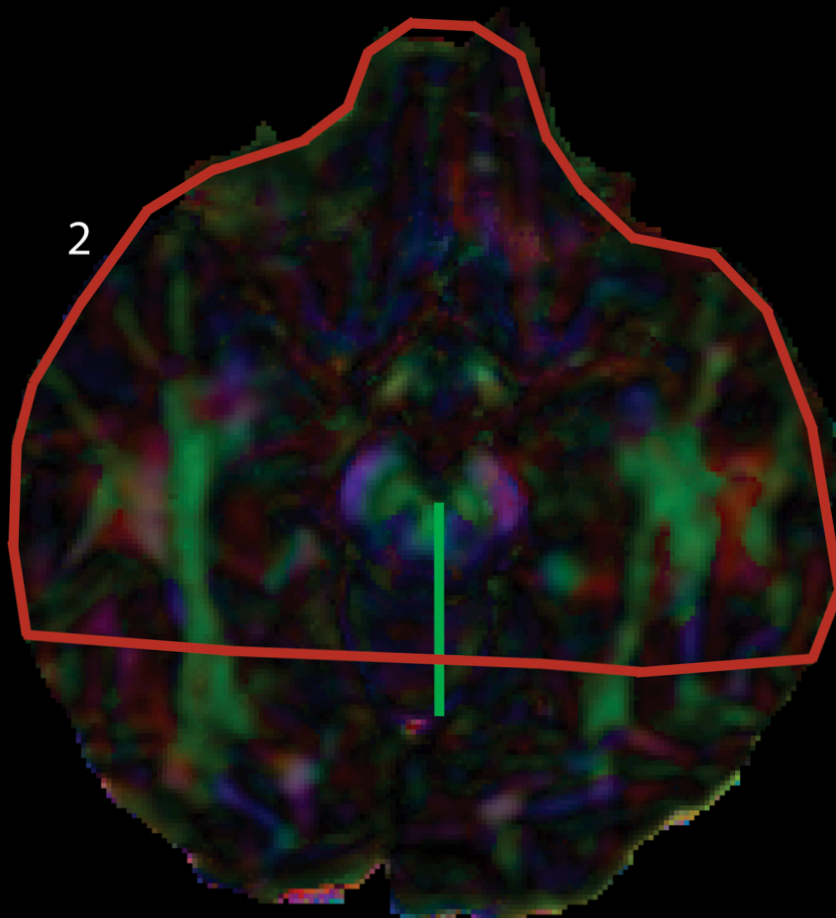   * Remove these ROIs to include temporal projecting splenium fibers

Corpus Callosum - Splenium

SAGITTAL - midline

SAGITTAL - midline

SAGITTAL - CORONAL

CORONAL - posterior

AXIAL - cranial

CORONAL - posterior

AXIAL - caudal