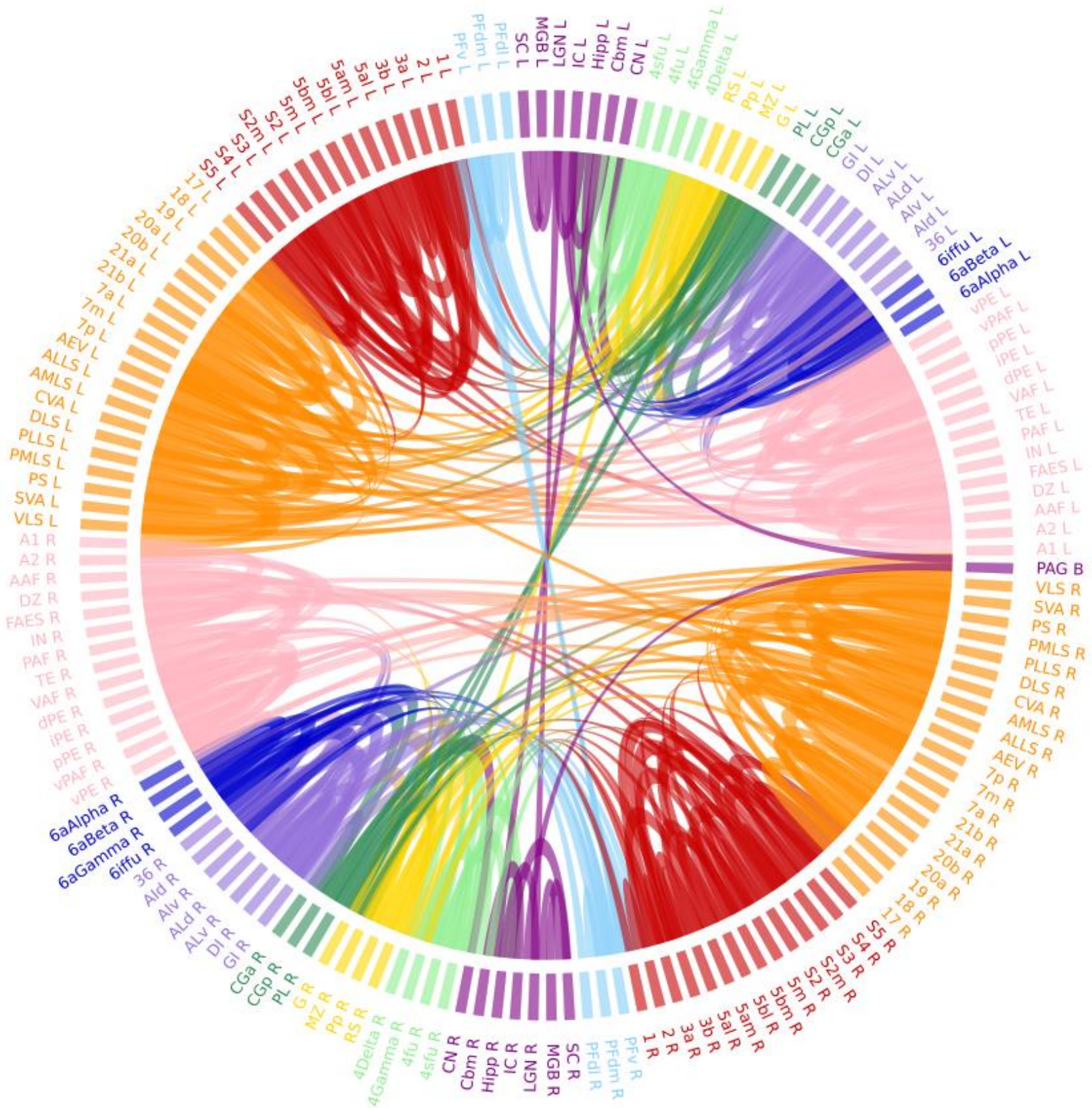
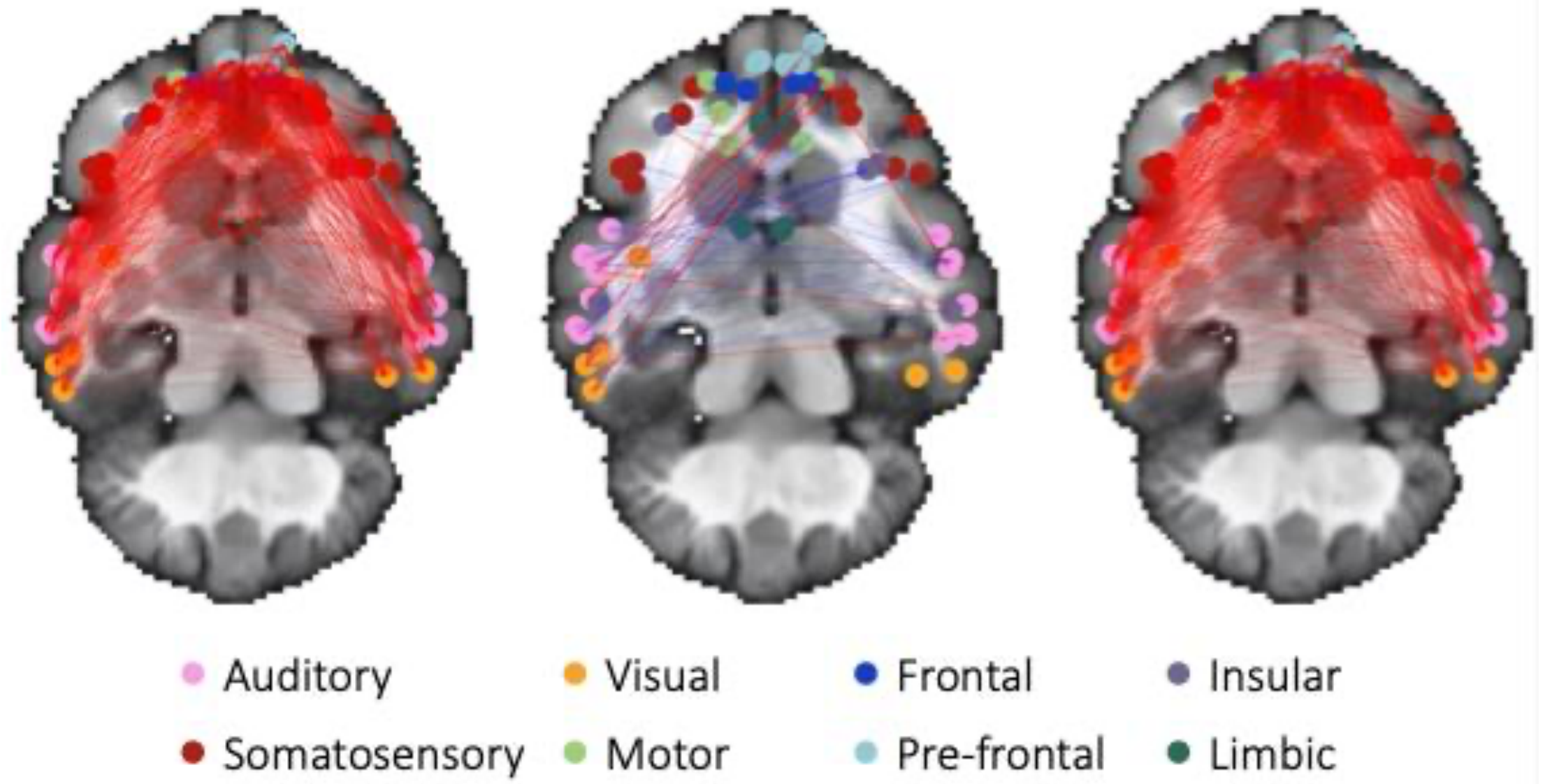


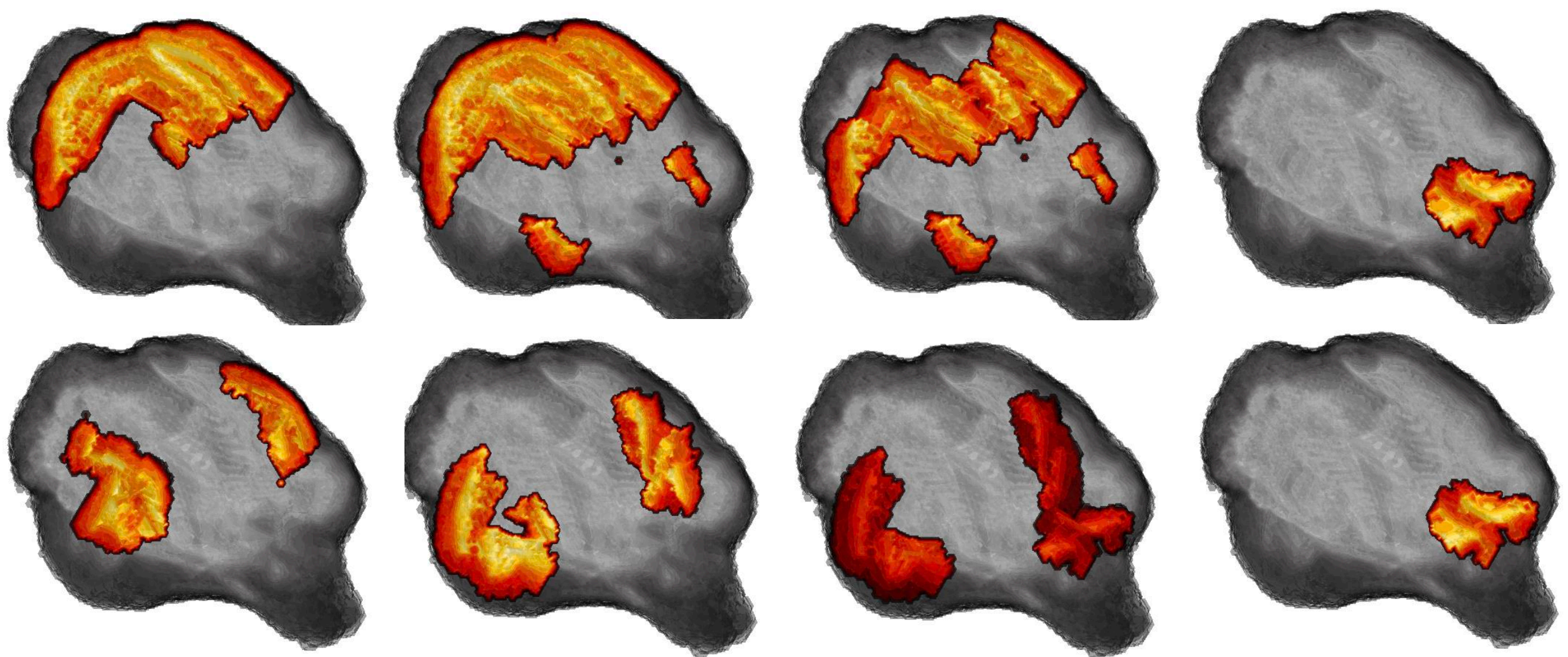
- Auditory
- Visual
- Motor
- Limbic
- Misc.
- Somatosensory
- Frontal
- Pre-frontal
- Insular
- Non-Cortical



Supplementary Figure 2. Circos diagram illustrating connections in the deaf group.



Supplementary Figure 3. Connectomes of hearing of hearing (left) and deaf (right) brains, with the differences visualized in the center. Only 0.21\% of connections are unique to either group, highlighting minimal structural differences between the two..



Supplementary Figure 4. Information Propagation to the Frontal Cortex in State Transitions from Visual and Auditory Active States. State transitions originating from the visual active state (top) and the auditory active state (bottom) toward the frontal cortex are shown. These transitions are computed using Network Control Theory (NCT) and are constrained by structural connectivity matrices.