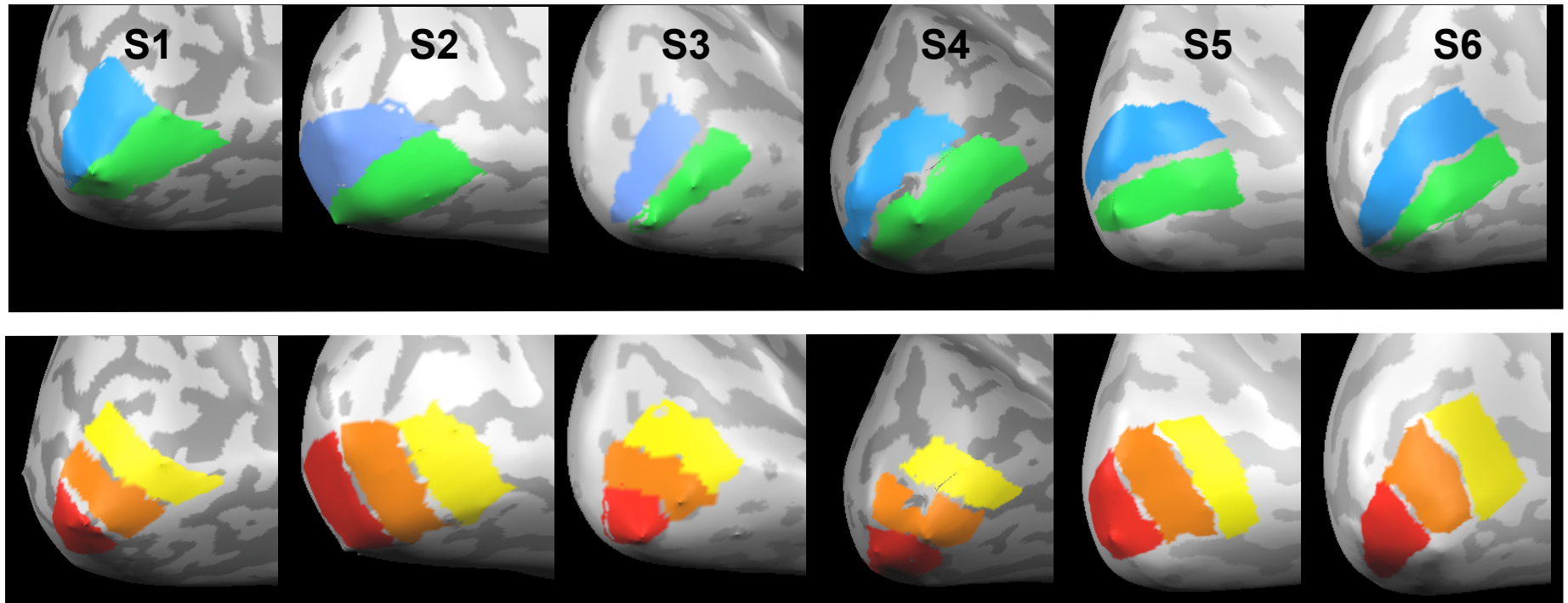
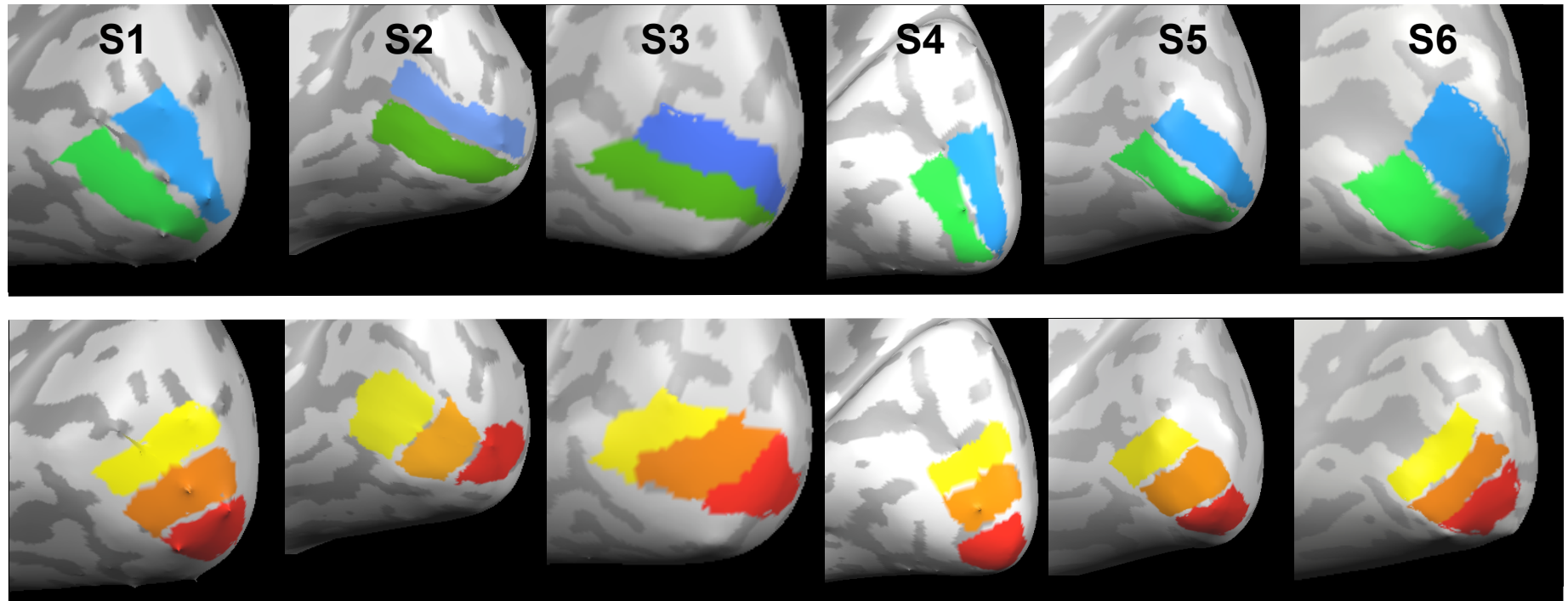


## Supplementary Figure 1



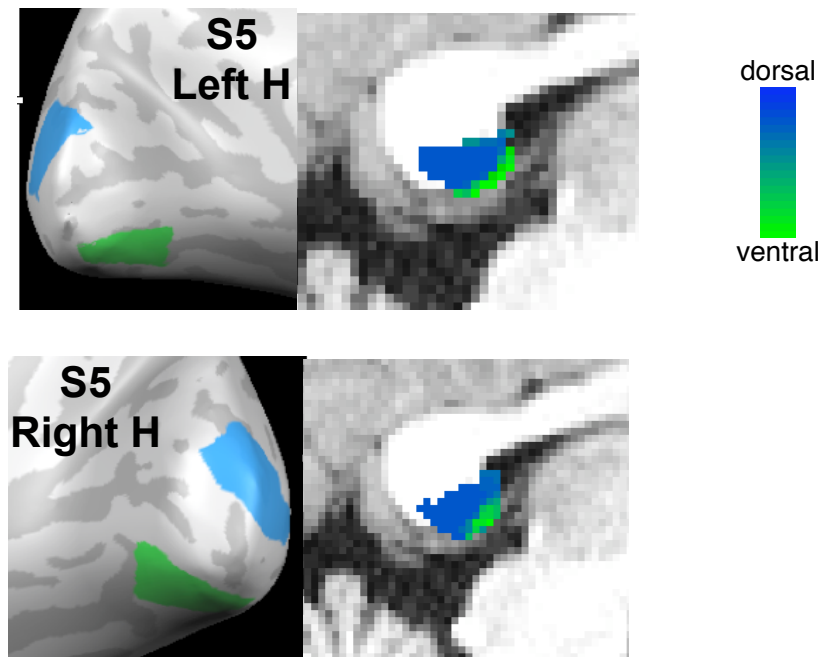
Supplementary Figure 1. Subregion selection in the left hemisphere of all subjects: V1 ventral (green) and dorsal (blue) subregions in the top row, and V1 central (red), middle (orange), and peripheral (yellow) subregions in the bottom row.

## Supplementary Figure 2



Supplementary Figure 1. Subregion selection in the right hemisphere of all subjects: V1 ventral (green) and dorsal (blue) subregions in the top row, and V1 central (red), middle (orange), and peripheral (yellow) subregions in the bottom row.

## Supplementary Figure 3



Supplementary Figure 3. Dorsal V2/V3 and Ventral V2/V3 subregion masks were defined by retinotopic mapping in S5. Splenium voxels were classified based upon the proportion of streamline connections reaching V2/V3 ventral (green) vs. dorsal (blue) subregions in each hemisphere.