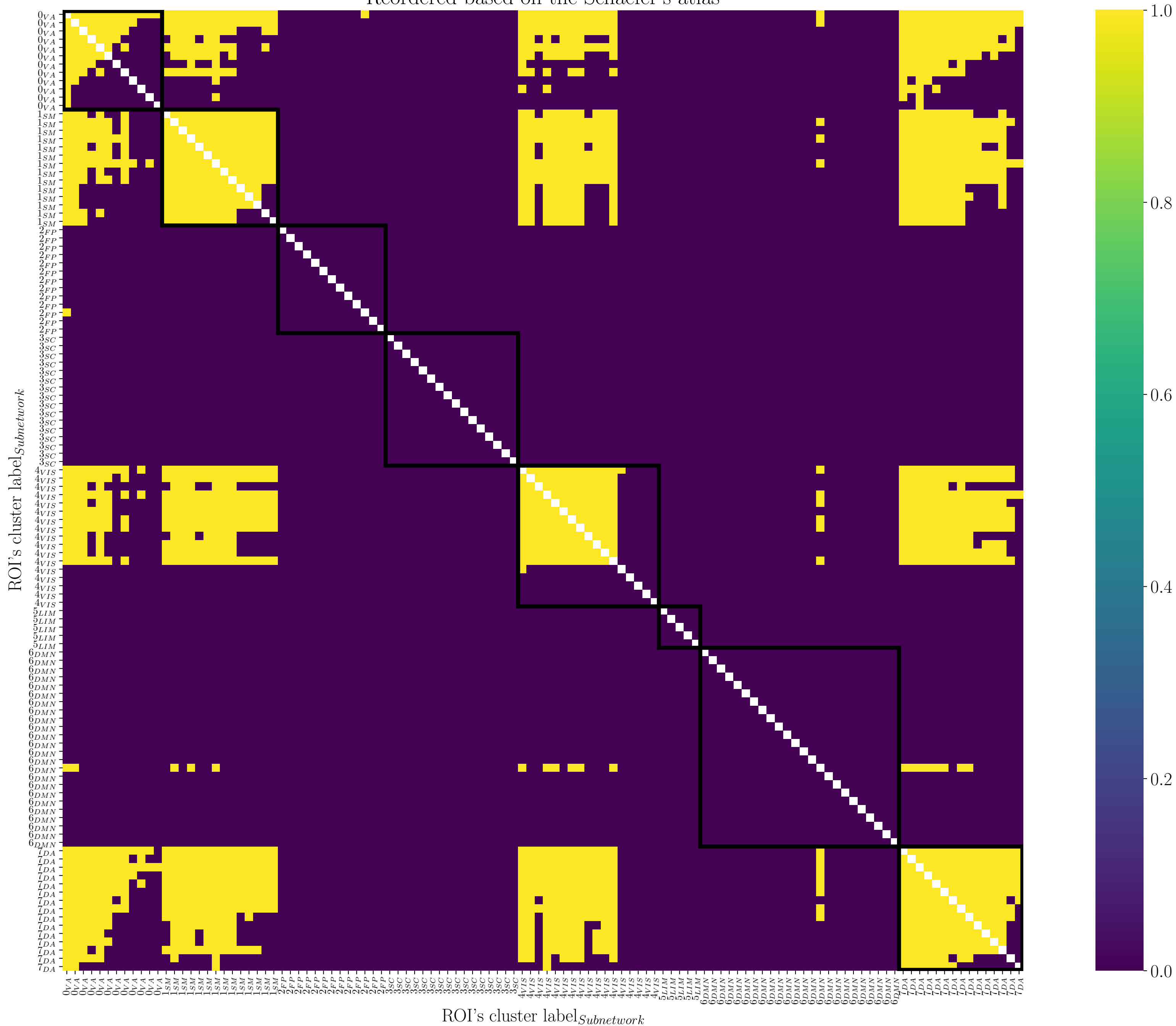
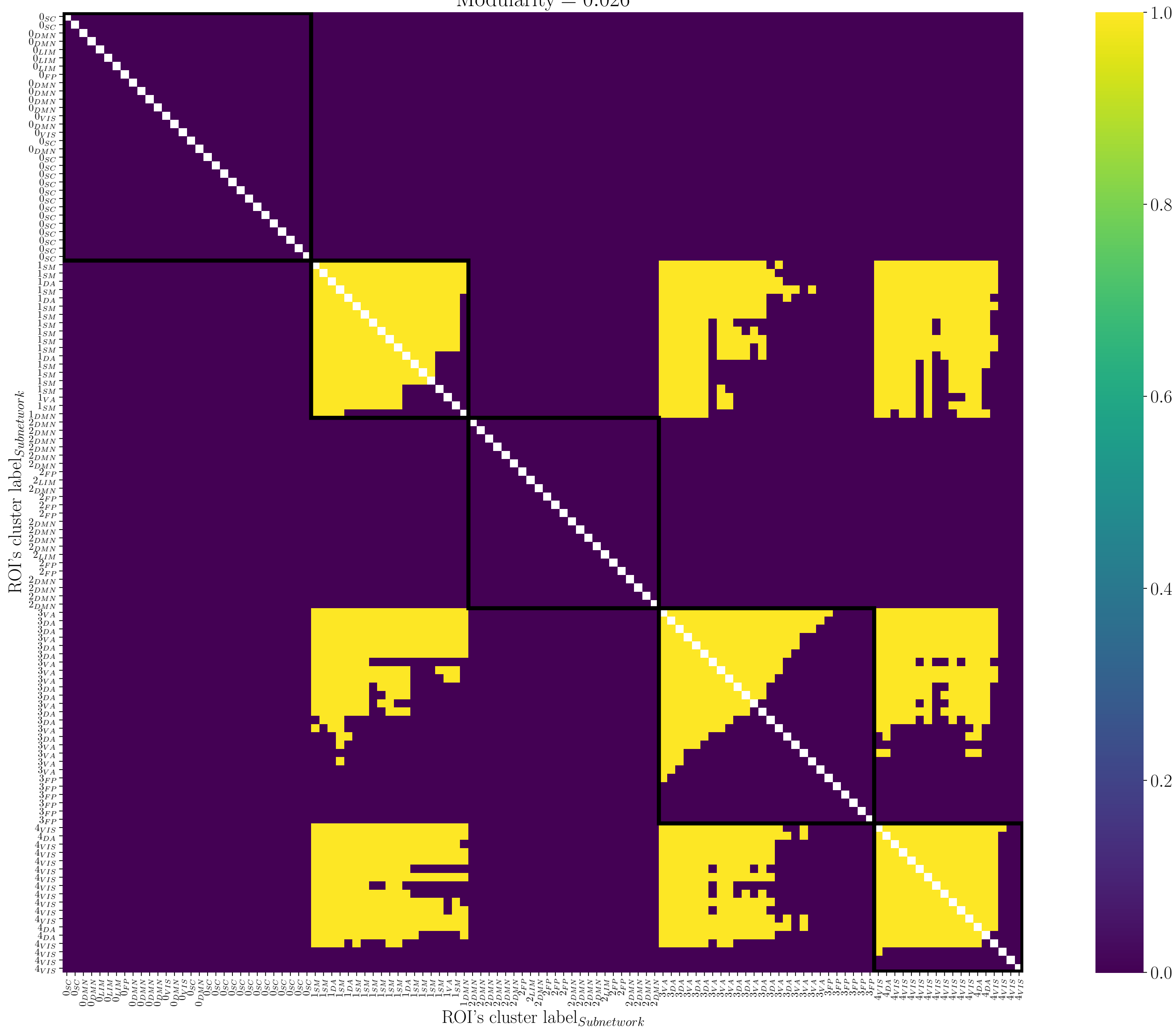


Adjacency matrix of  $\mathcal{G}_{II}^{(4)}$  - Density = 15  
Reordered based on the Schaefer's atlas



Adjacency matrix of  $\mathcal{G}_{II}^{(4)}$  - Density = 15  
Clustered and reordered based on the spectral clustering outcome  
Modularity = 0.026



Adjacency matrix of  $\mathcal{G}_{II}^{(4)}$  - Density = 15  
Clustered and reordered based on the DANMF-based clustering outcome  
Modularity = 0.010

