

## Supplementary Material S3 for

### **Extracting multiscale pattern information of fMRI based functional brain connectivity with application on classification of autism spectrum disorders**

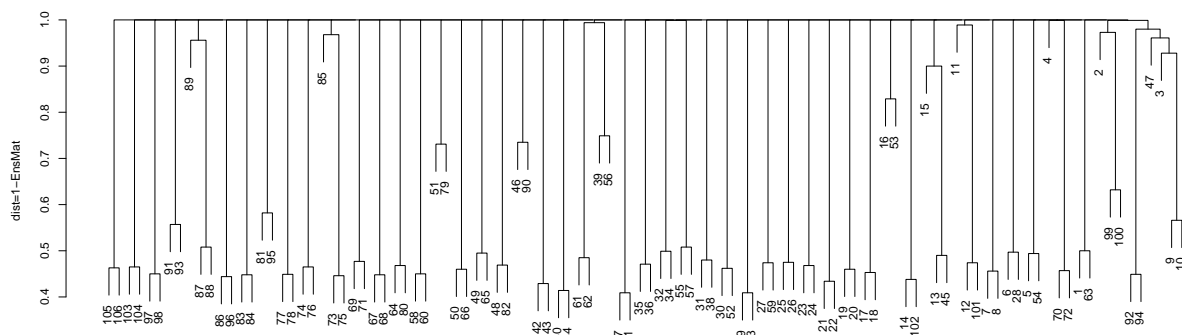
Hui Wang<sup>1</sup>, Chen Chen<sup>1</sup>, Hsieh Fushing<sup>1,\*</sup>

**1** Department of Statistics, University of California, Davis, One Shields Ave., Davis, CA, USA 95616

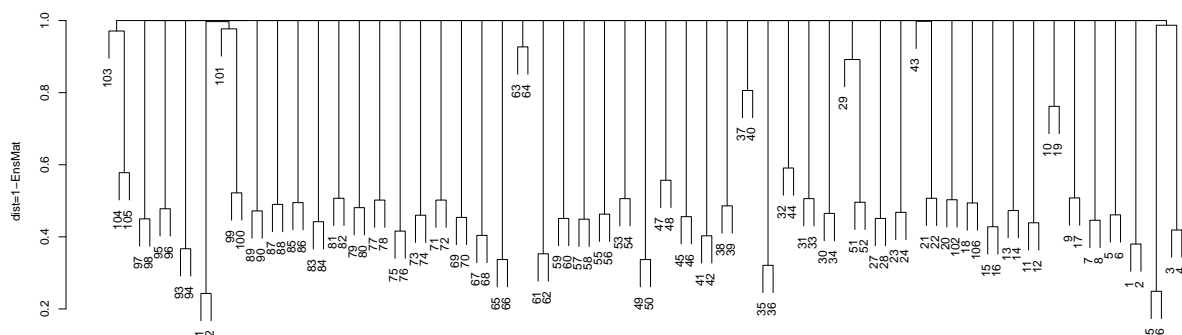
\* E-mail: [fushing@wald.ucdavis.edu](mailto:fushing@wald.ucdavis.edu)

This file contains one figure with fifty-eight sub figures.

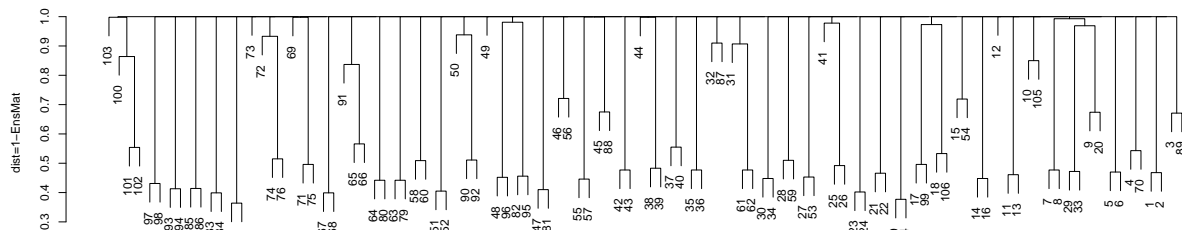
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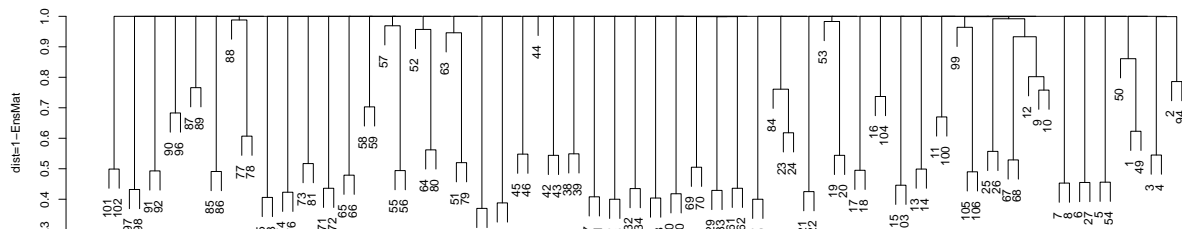
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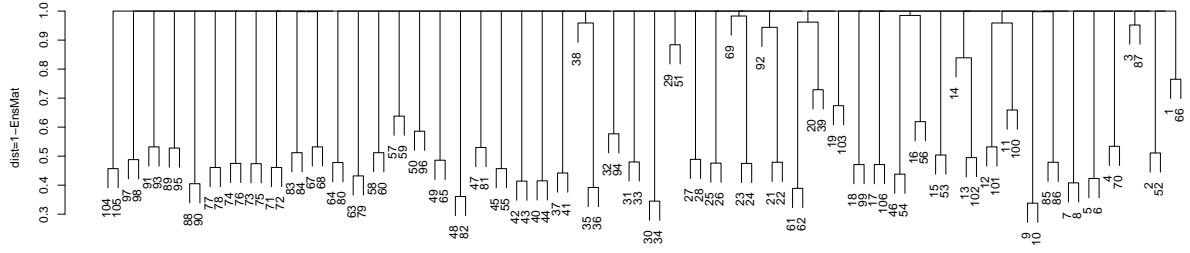
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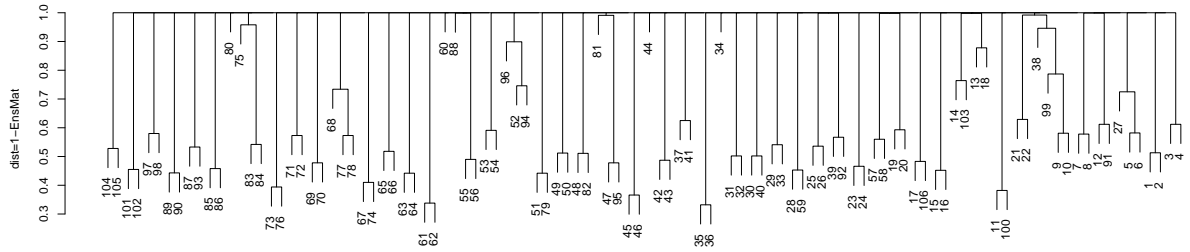
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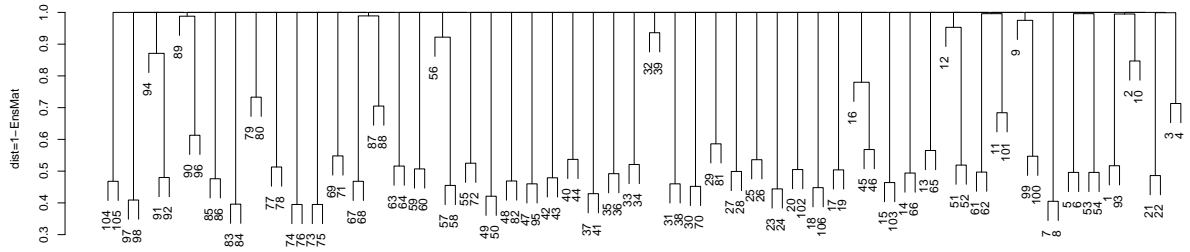
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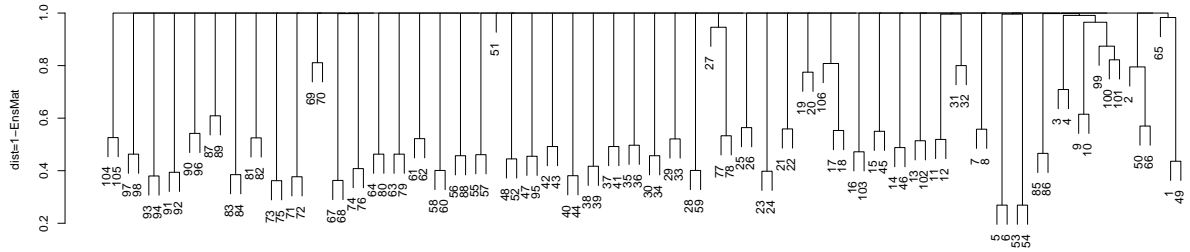
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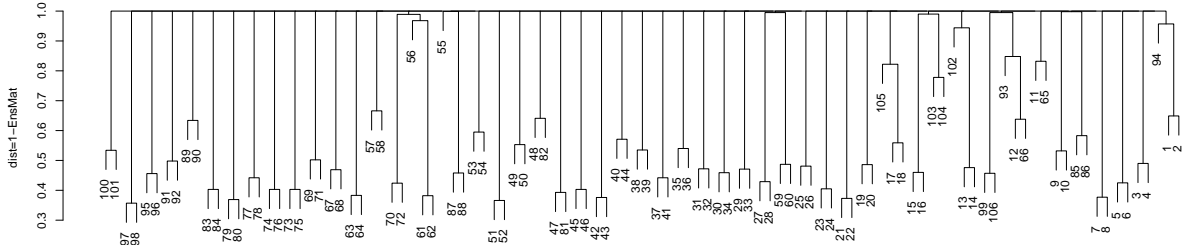
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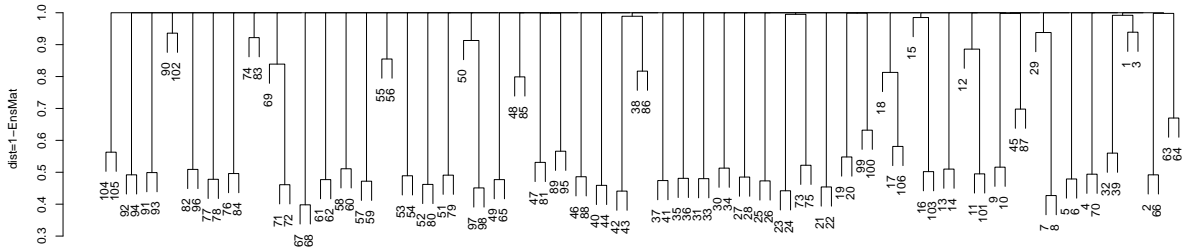
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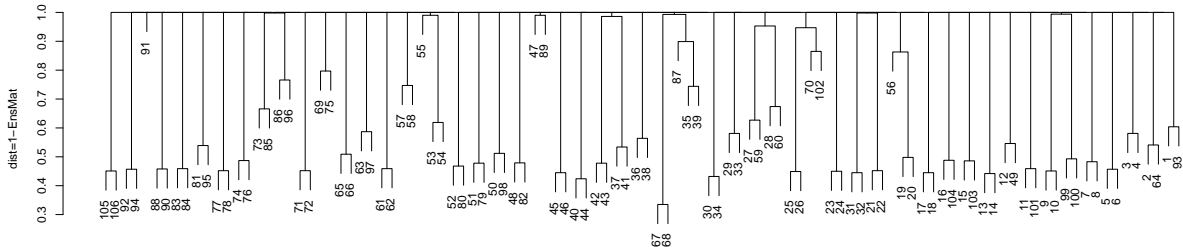
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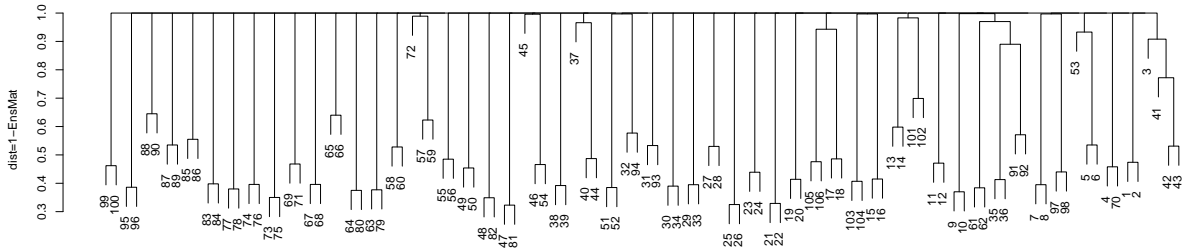
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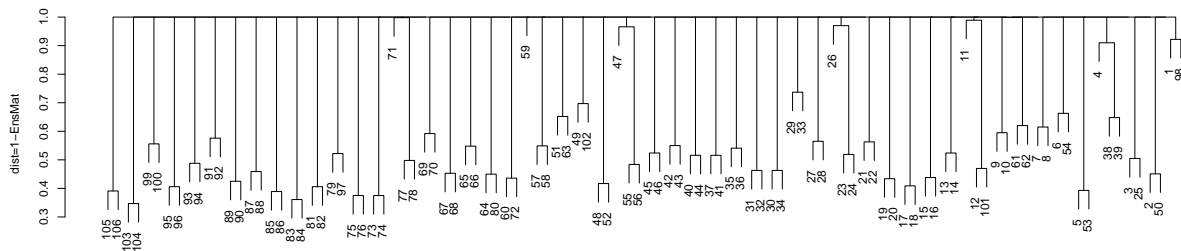
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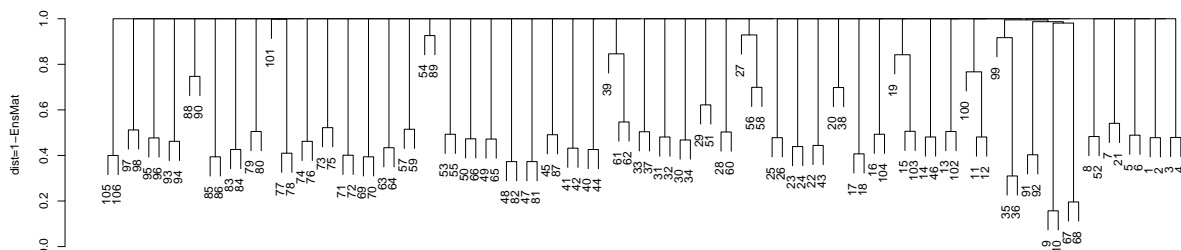
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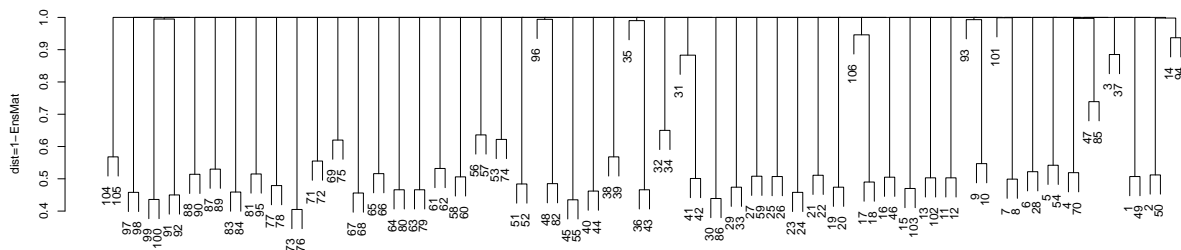
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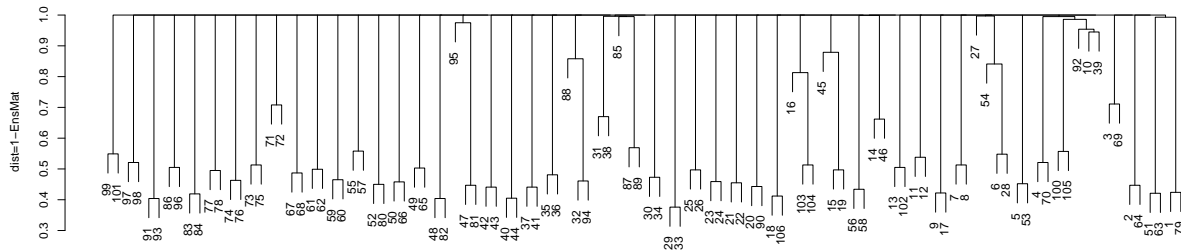
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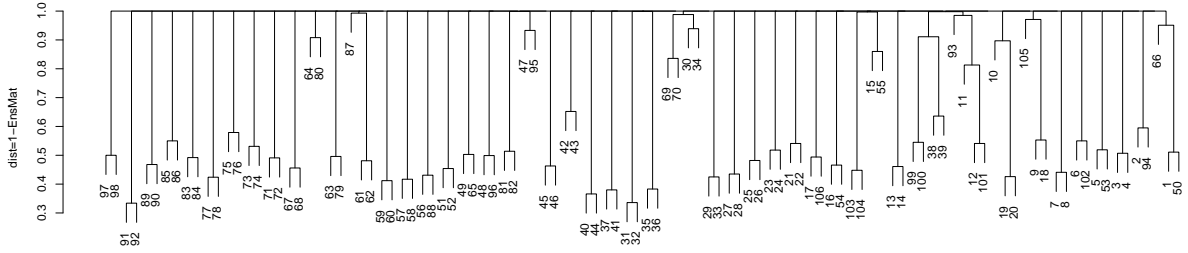
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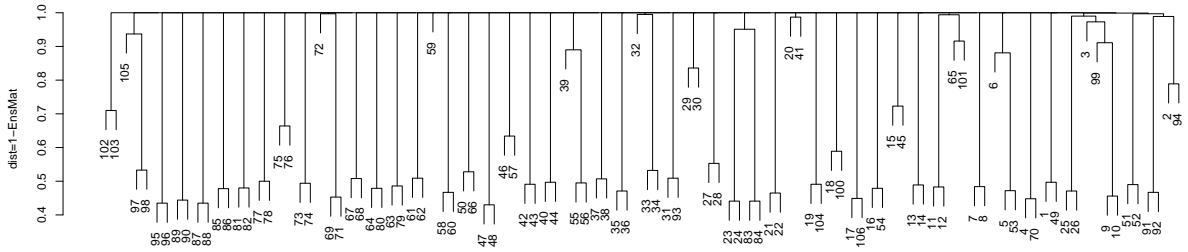
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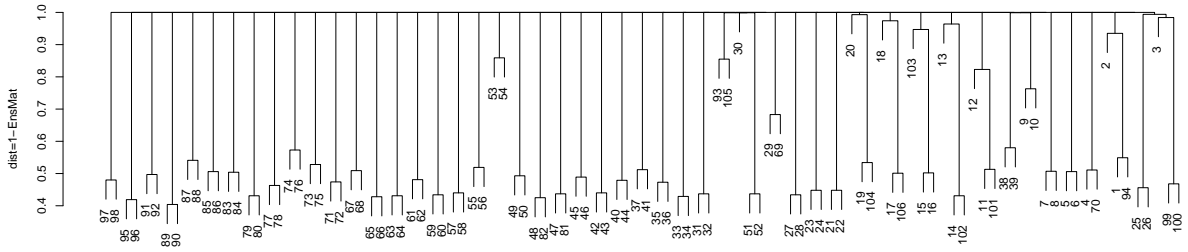
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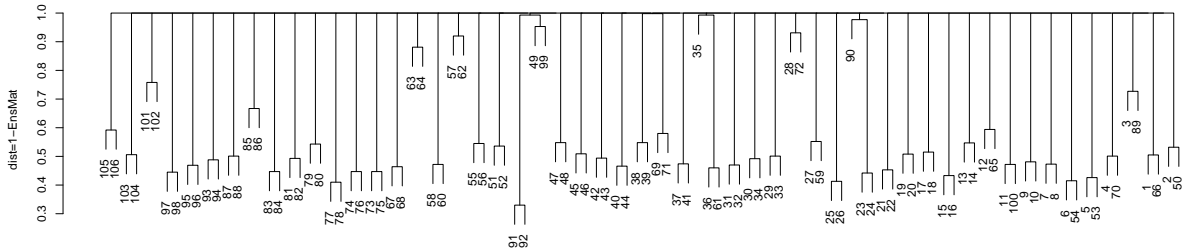
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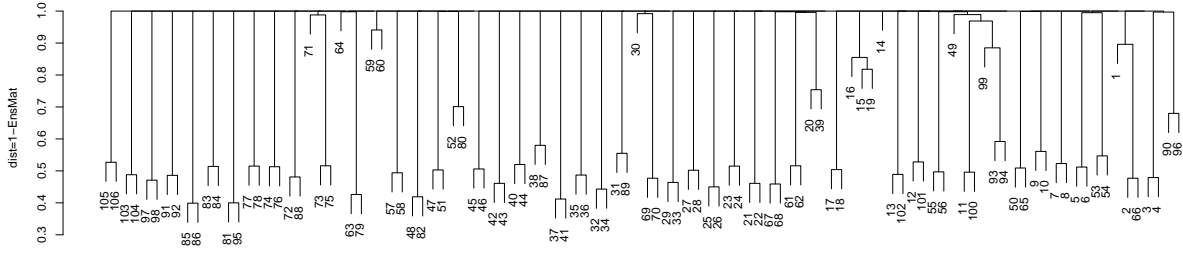
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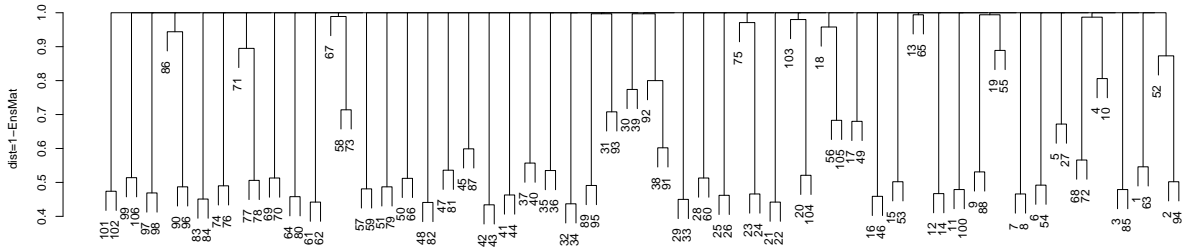
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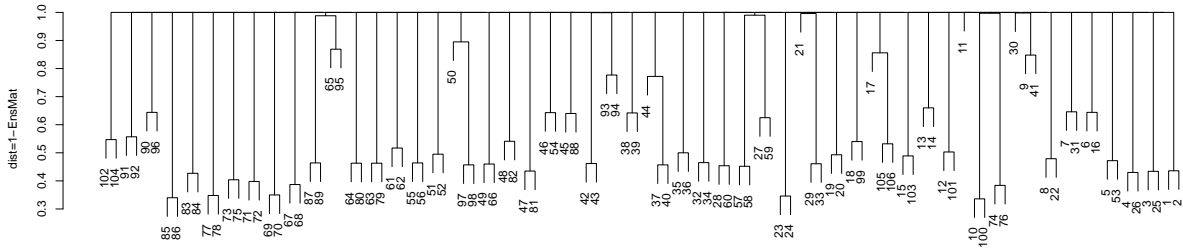
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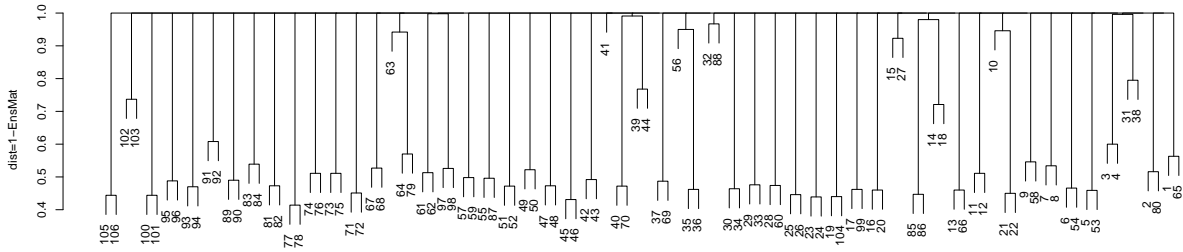
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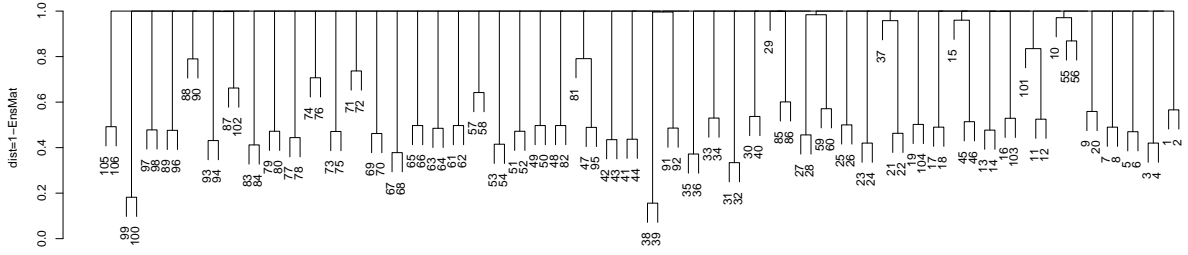
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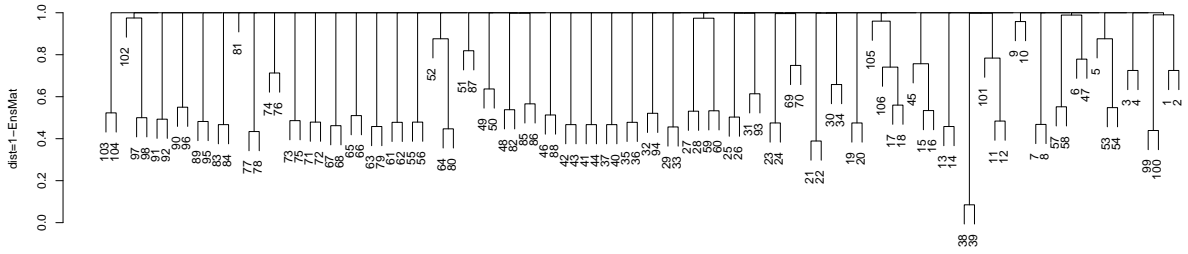
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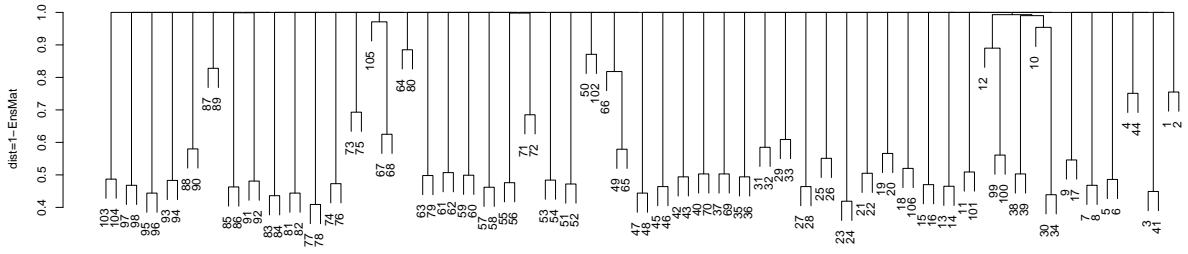
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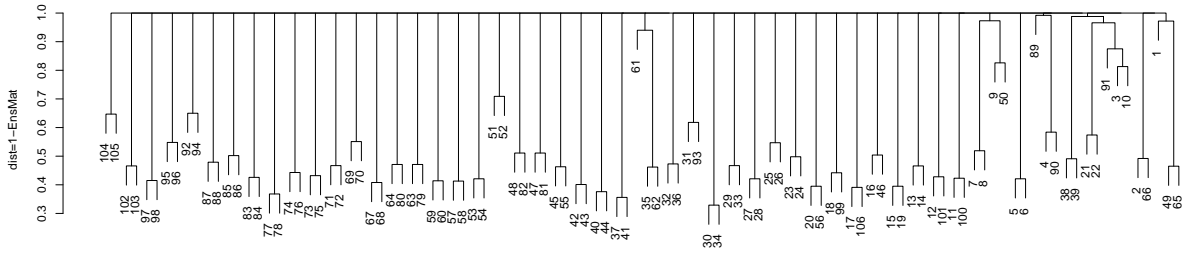
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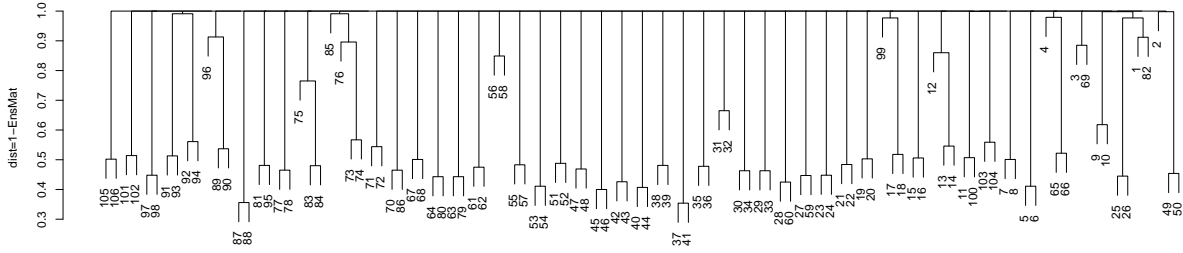


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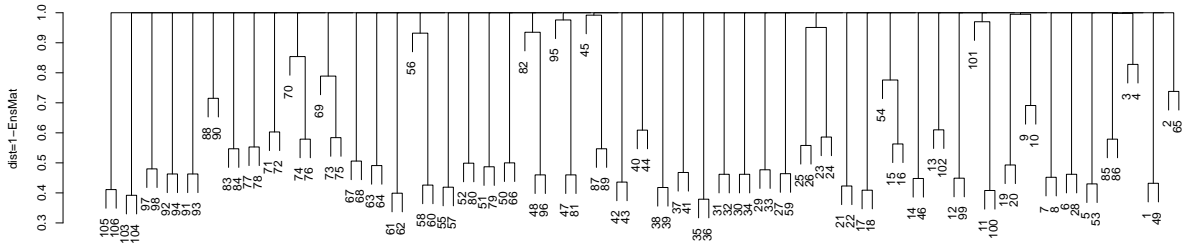




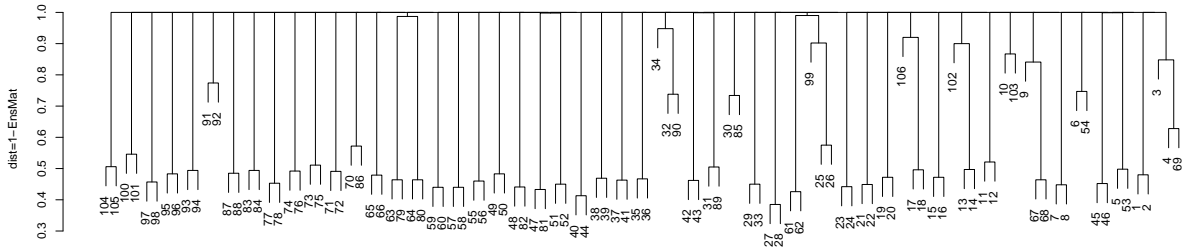
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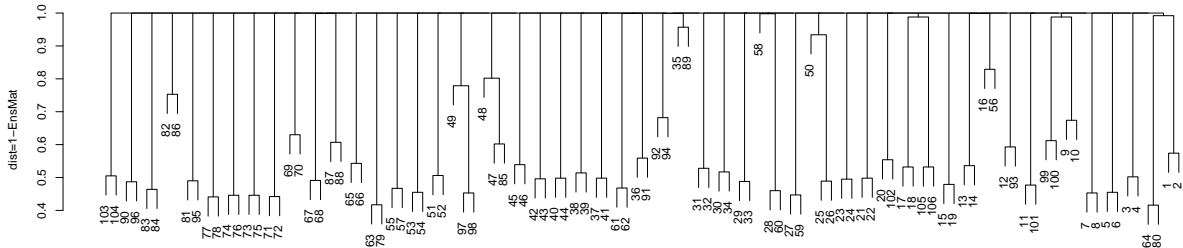
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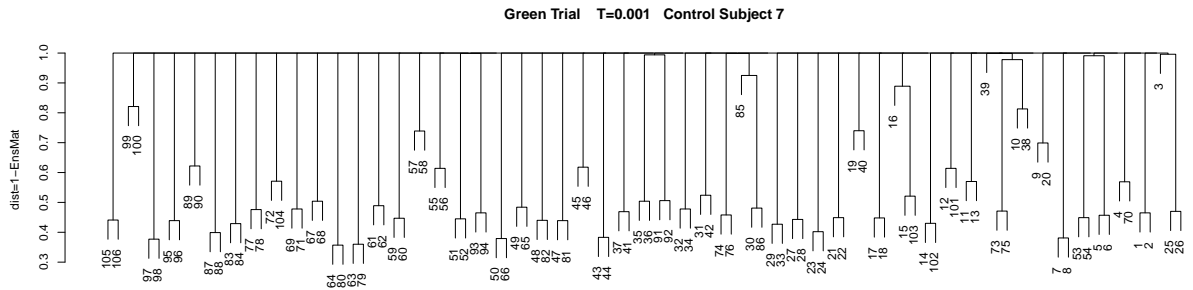
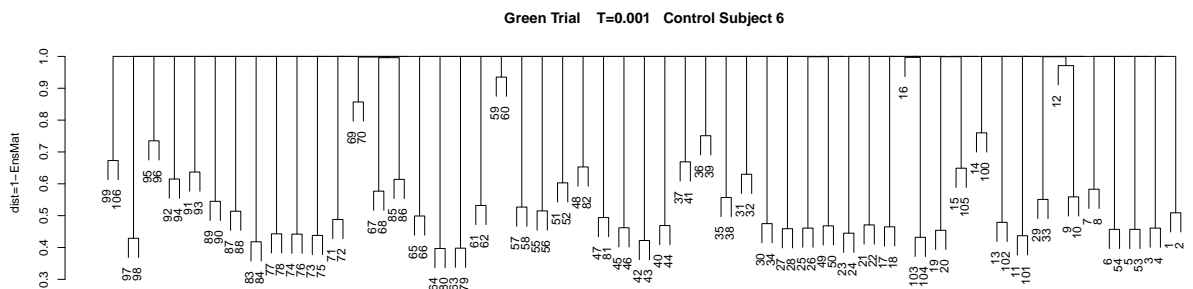
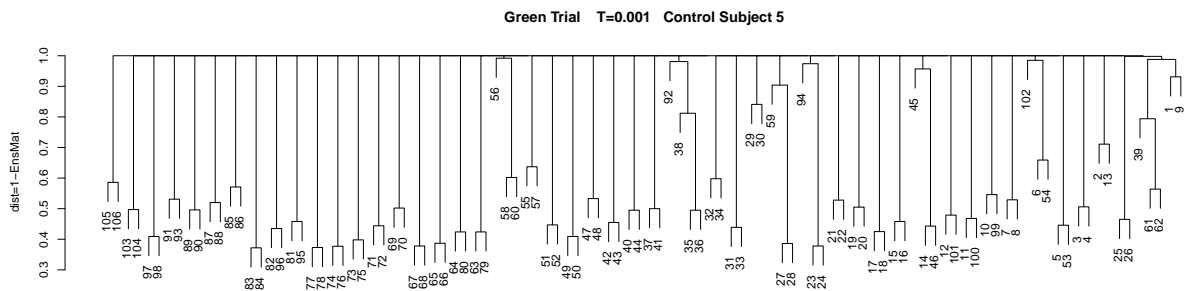
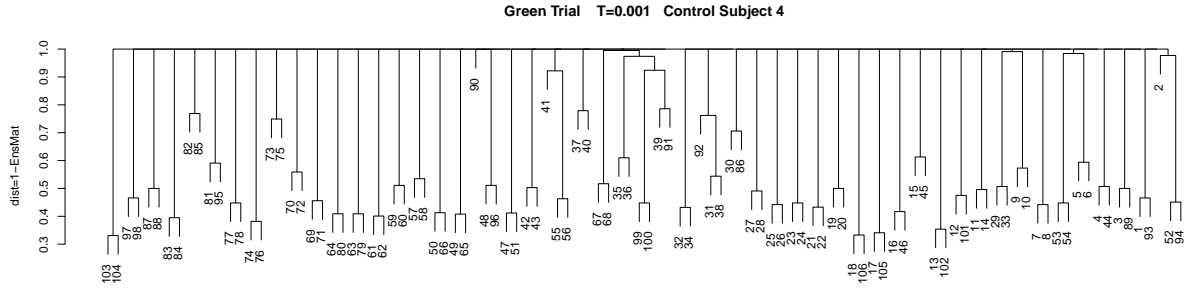


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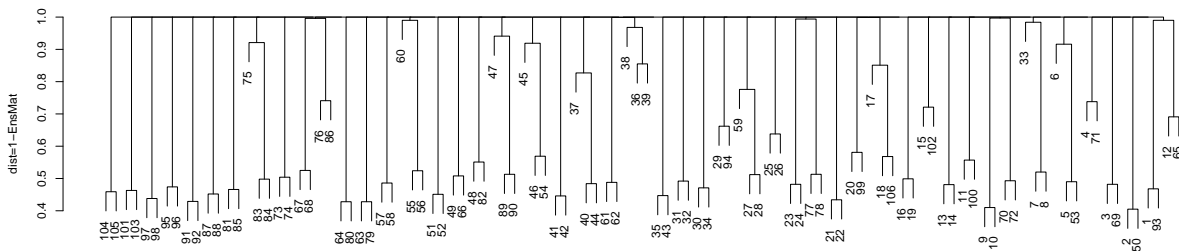


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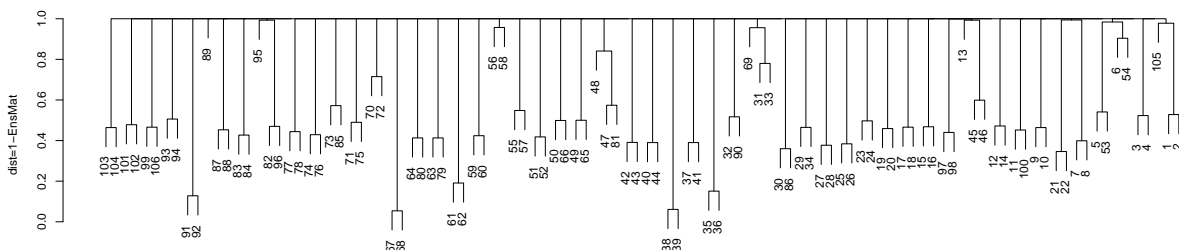




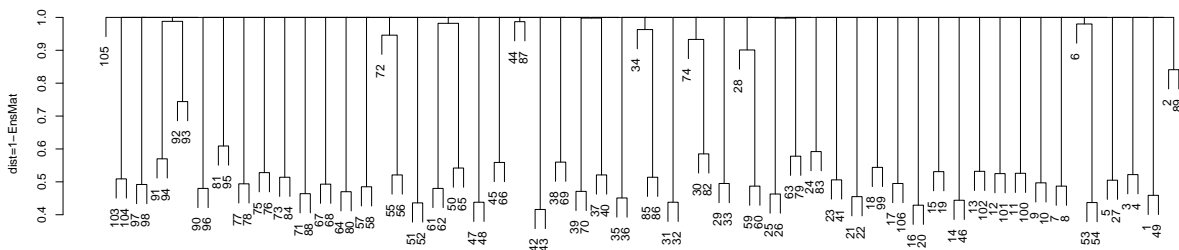
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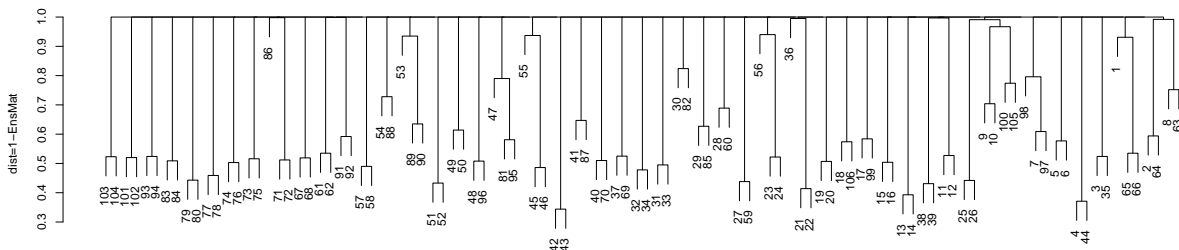
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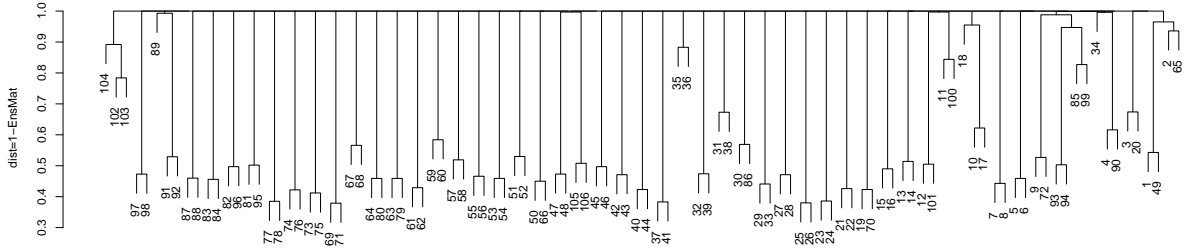
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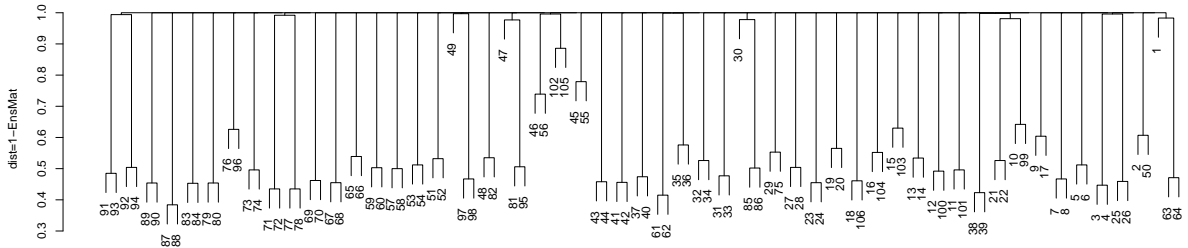
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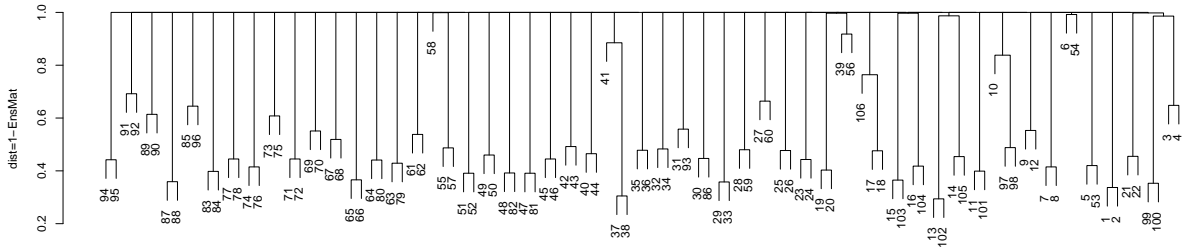
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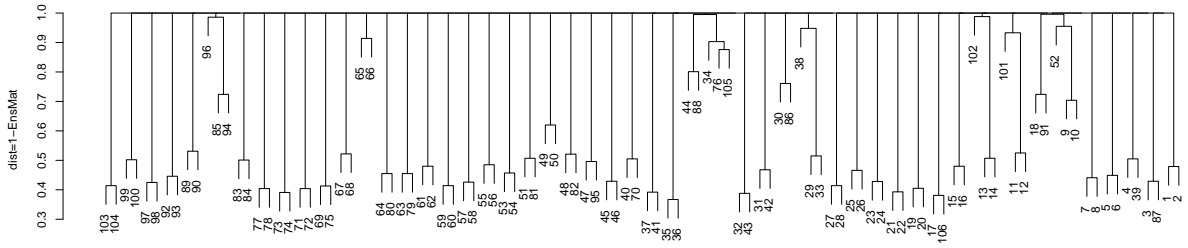
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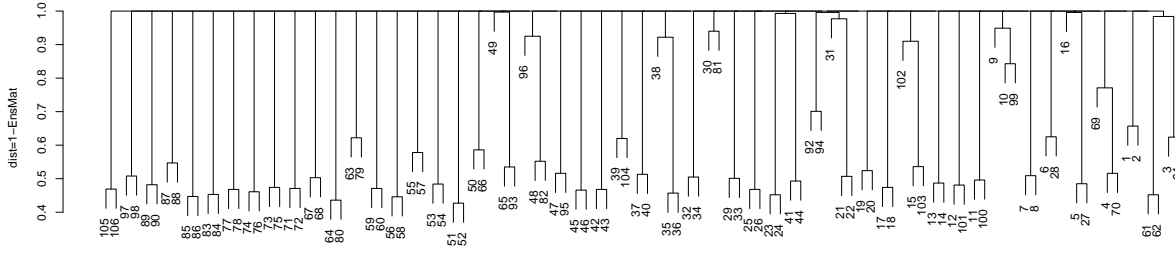
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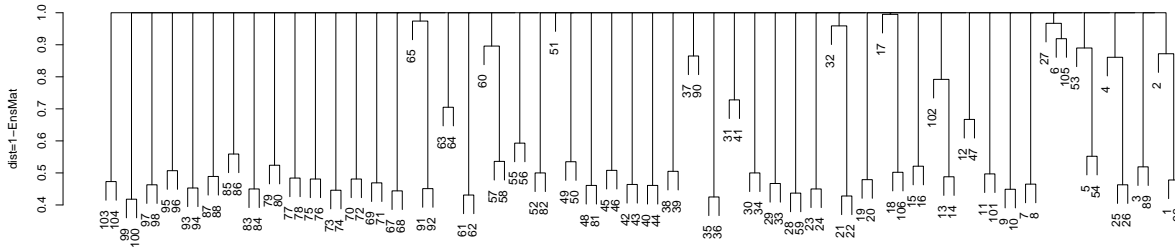
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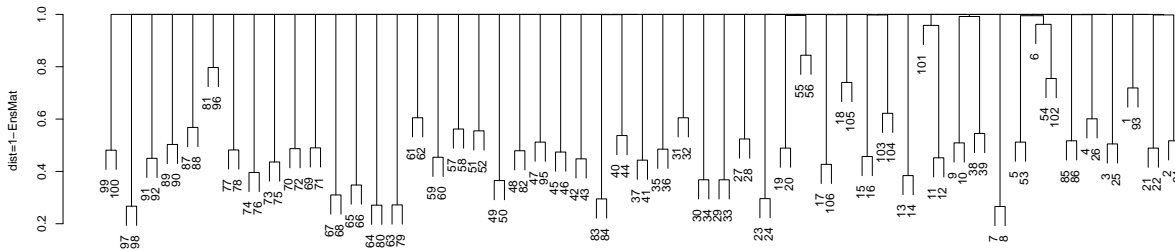
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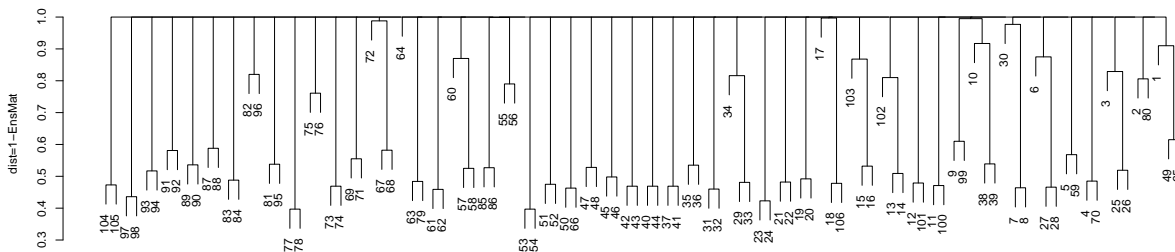
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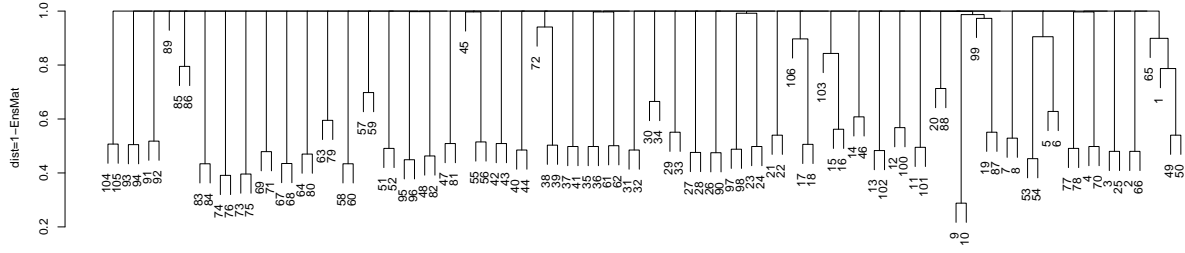
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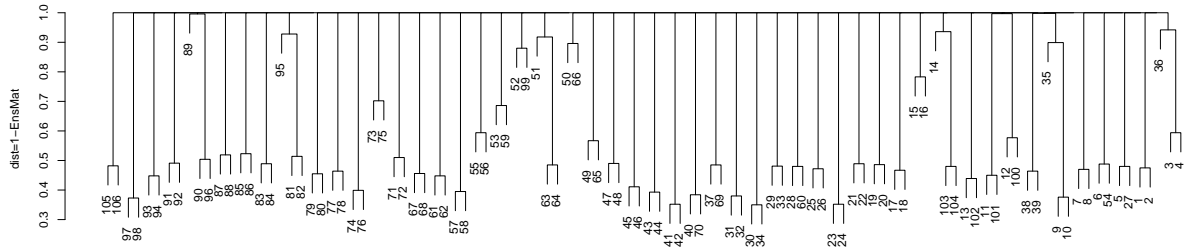
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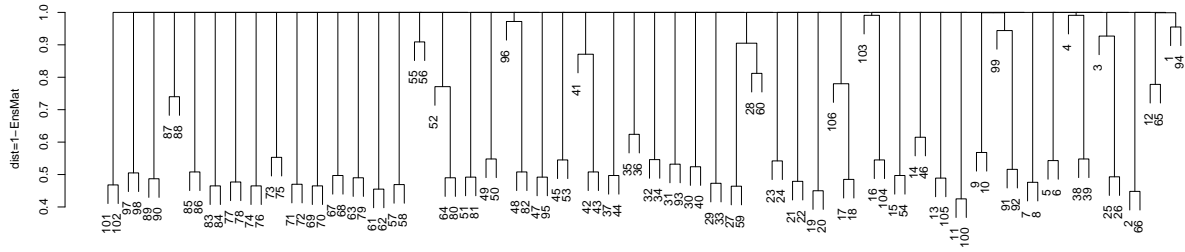
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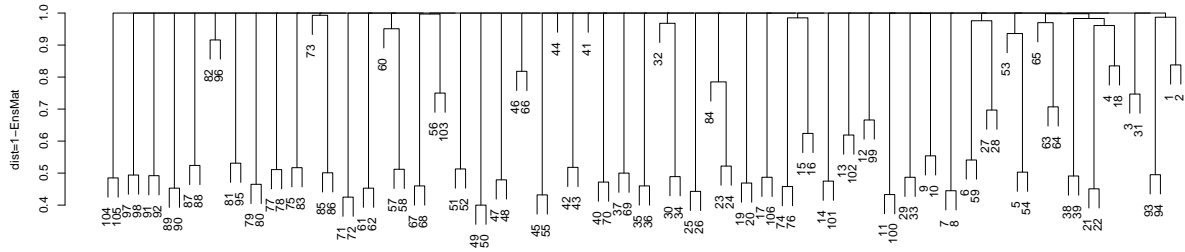
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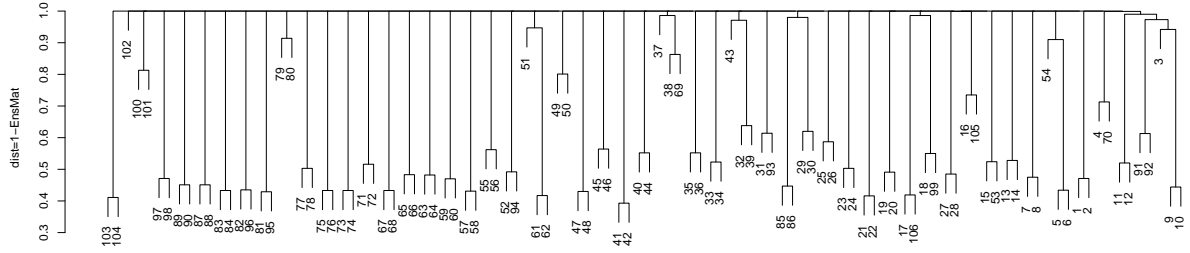
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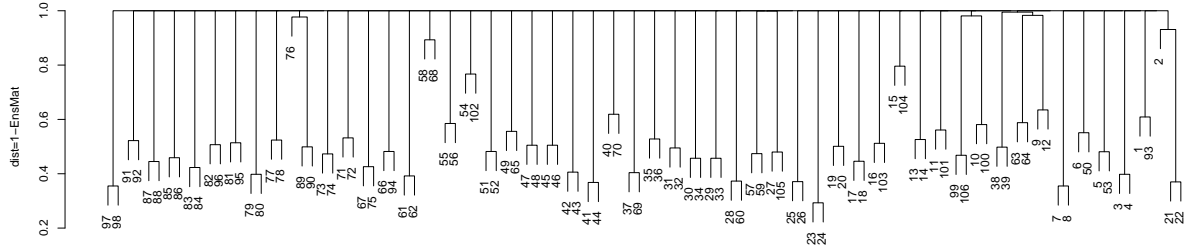
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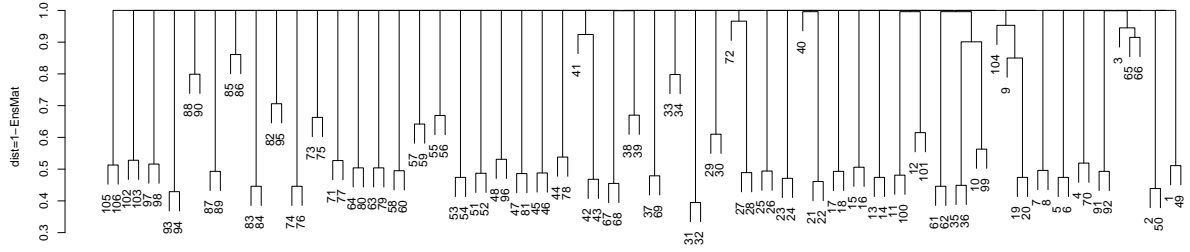
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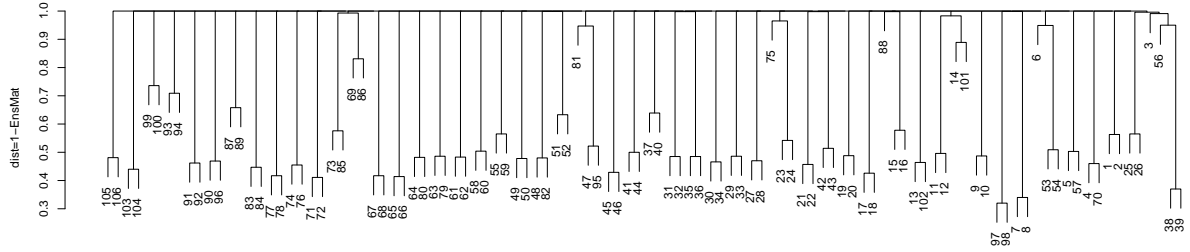
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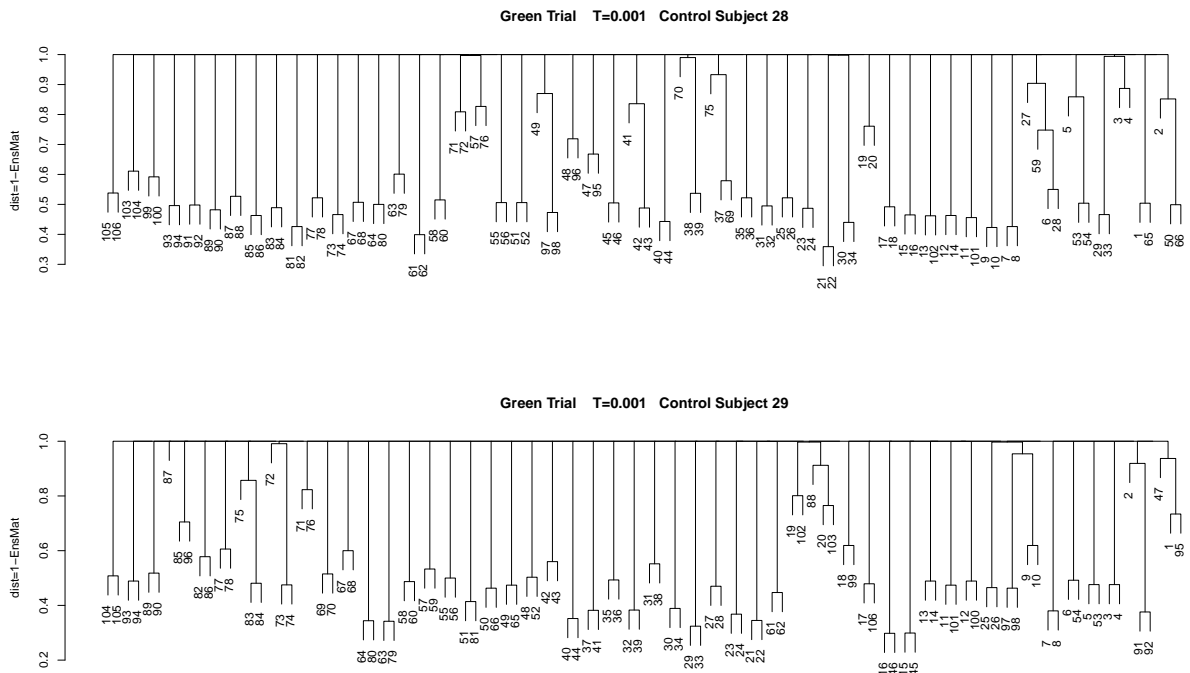


Figure 1. Hierarchical Clustering Tree of 106 ROIs for each subject in ASD group and TD group during Green Trials based on ensemble matrix (cluster-sharing probability matrix) obtained at T=0.001.