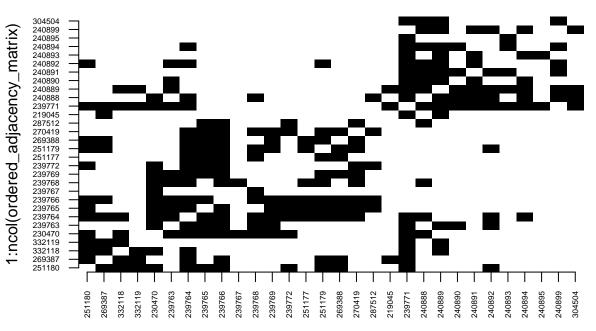**Reordered Adjacency Matrix Based on Community**

1:ncol(ordered_adjacency_matrix)

1:nrow(ordered_adjacency_matrix)