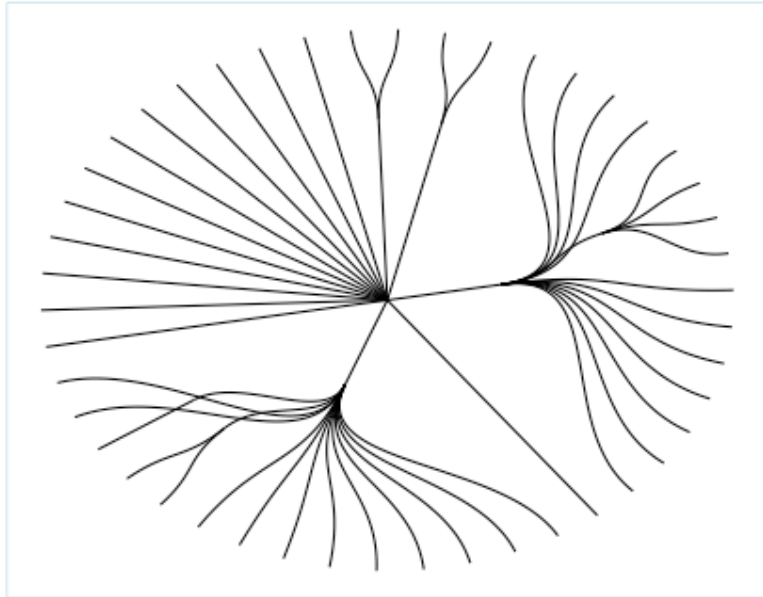
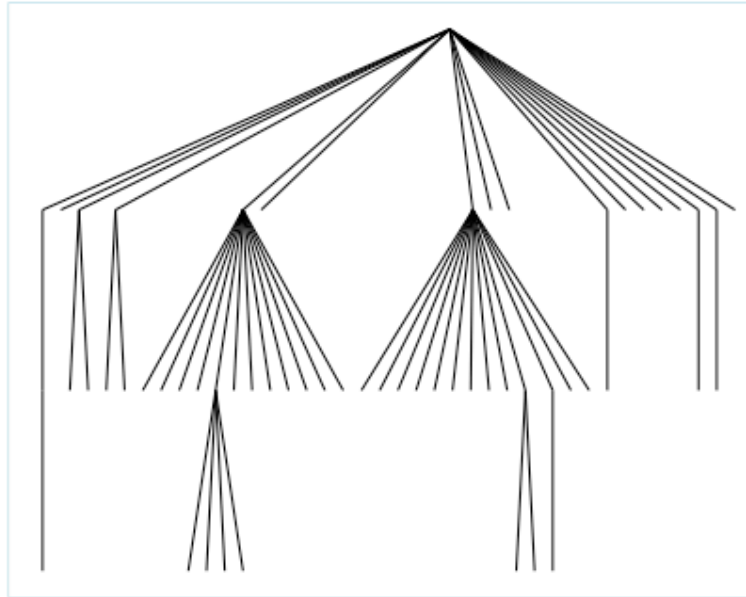


Hairballs, Hierarchies, and Hives

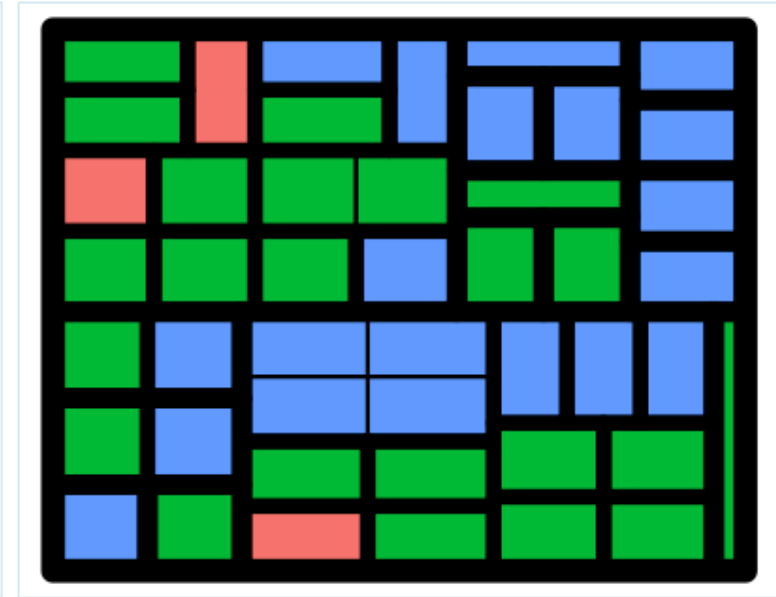
Dendrogram



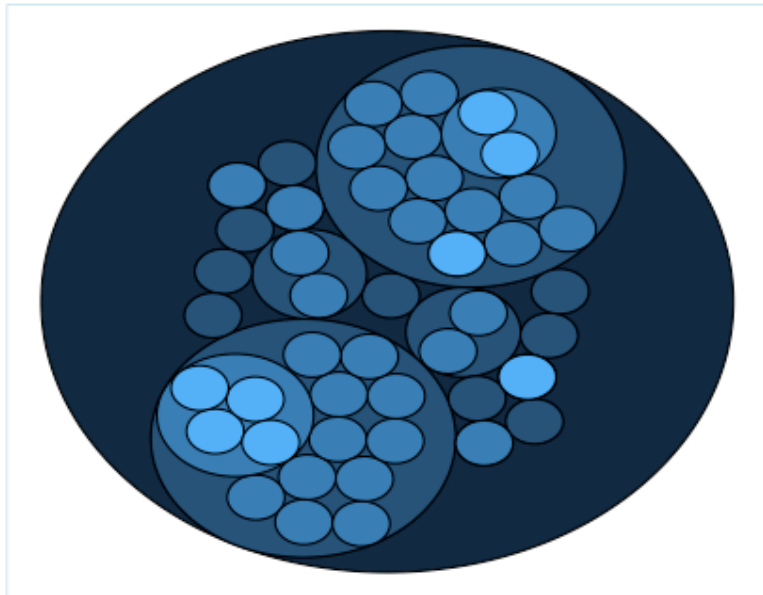
Tree



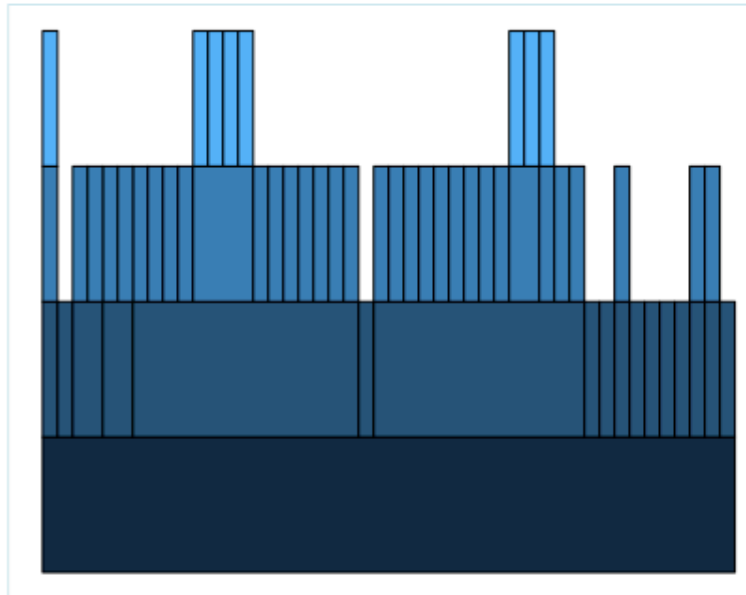
Treemap



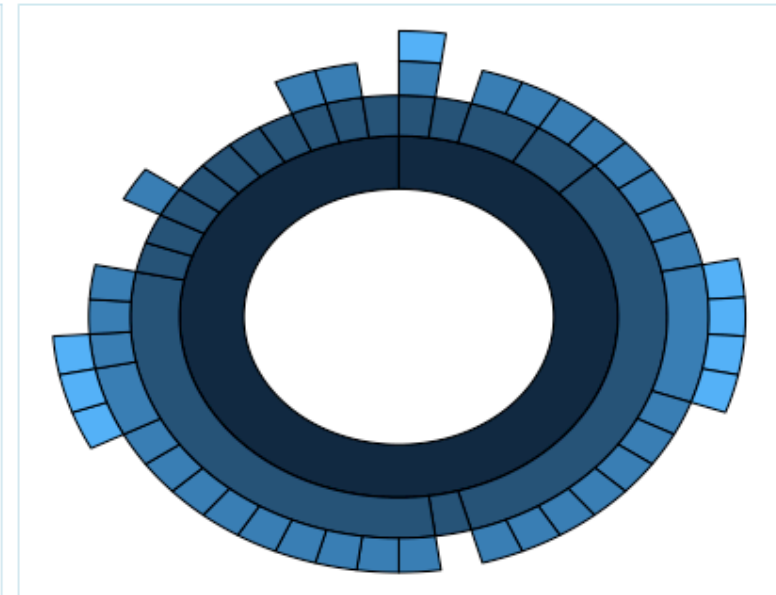
Circle Packing



Icicle Plot



Sunburst



Hairballs, Hierarchies, and Hives

```
# The Cliques of Avengers
clique_graph <- marvel_graph %>%
  activate(edges) %>%
  filter(class == 'Ally') %>%
  activate(nodes) %>%
  filter(map_lgl(Appearance, ~any(grepl('Avengers', .))),
         !node_is_isolated())

# Draw a Hive plot splitting nodes by allegiance
ggraph(clique_graph, 'hive', axis = type, split.axes = 'loops', sort.by = centrality_degree()) +
  geom_edge_hive() +
  geom_axis_hive() +
  ggtitle('Hive Plot') +
  theme_graph()

# Draw a Matrix plot using one of the node ranking algorithms
ggraph(clique_graph, 'matrix', sort.by = node_rank_traveller(dist = 'euclidean')) +
  geom_edge_point(mirror = TRUE) +
  ggtitle('Matrix plot') +
  theme_graph()
```