

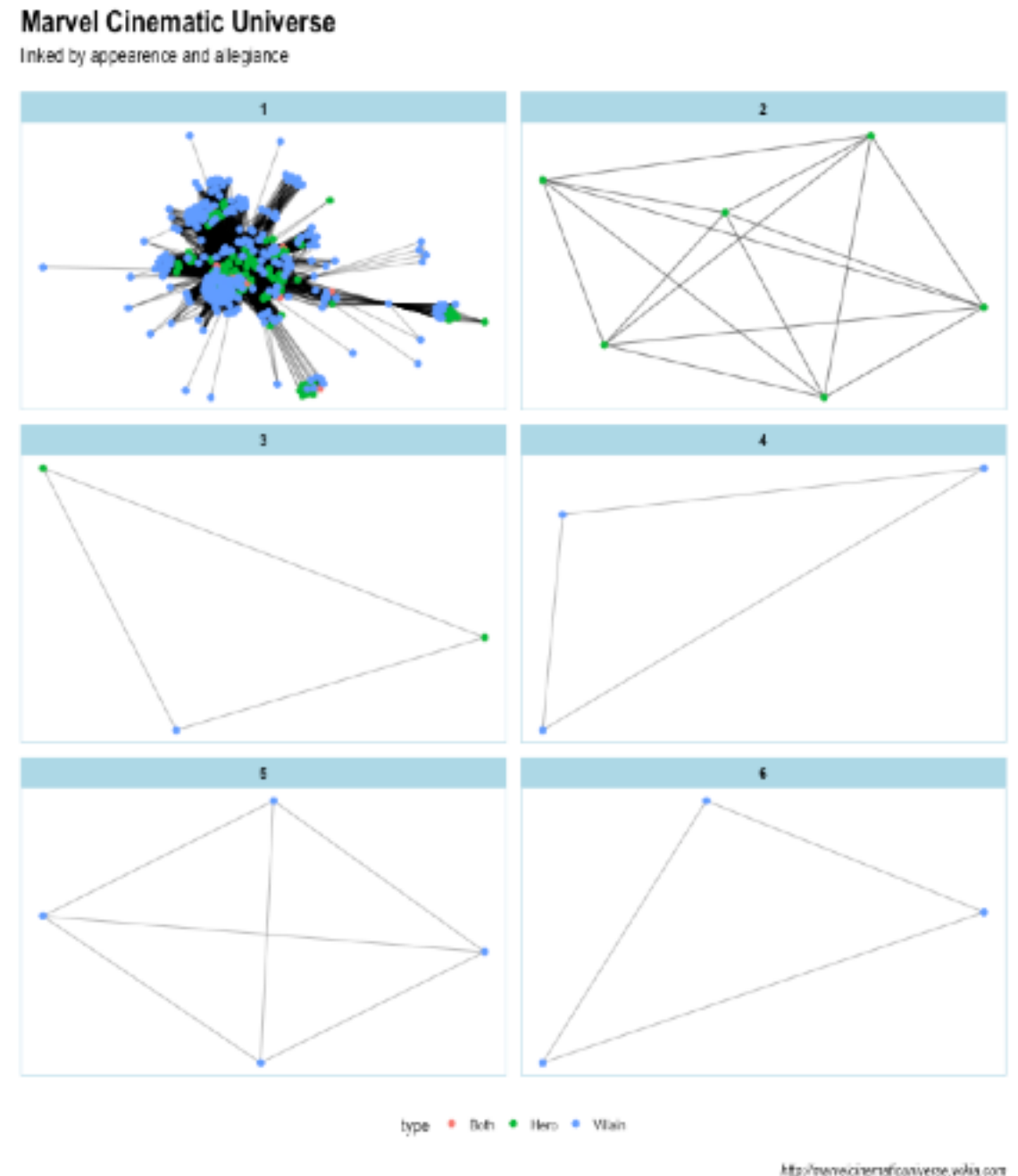
# The Anatomy of a ggraph call

```
# Define the common layout
ggraph(marvel_graph, layout = 'fr') +

# Node and edge geoms
geom_edge_link0(alpha = 0.3) +
geom_node_point(aes(colour = type)) +

# Other ggraph features
facet_nodes(~group_components(), scales = 'free', ncol = 2) +
theme_graph(foreground = 'lightblue',
            plot_margin = unit(c(1,1,1,1), 'mm')) +

# Standard ggplot2 features
theme(legend.position = 'bottom') +
labs(title = 'Marvel Cinematic Universe',
     subtitle = 'linked by appearance and allegiance',
     caption = 'http://marvelcinematicuniverse.wikia.com')
```



# Data agnostic

```
# Make hclust object
marvel_graph %>%
  igraph::distances() %>%
  as.dist() %>%
  hclust(method = 'ward.D2') %>%

# Plot directly
ggraph('dendrogram', height = height, repel = TRUE) +
  geom_edge_elbow(colour = 'darkgrey') +
  geom_node_point(aes(filter = leaf), colour = 'lightblue') +
  coord_flip() +
  theme_graph() +
  theme(legend.position = 'none')
```

