

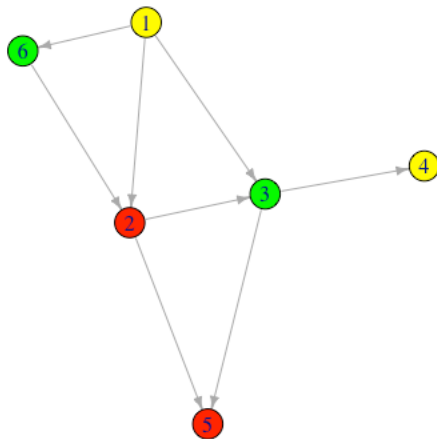
Intro Data Viz Assignment

Today's Assignment;

1. Make Small Network
2. Build network from data frame and add features

1. Reproduce small toy network

- Reproduce this 6 node, directed graph.



2. Game of Thrones Network

Here we will look at a network from *A Storm of Swords*, the third book in George R.R. Martin's *A Game of Thrones*. The book digs into the politics of the fictional continent Westeros and some more distant lands. The network consists of characters who appear within 15 words of one another in the book (see <https://networkofthrones.wordpress.com>).

-Load .csv of Song of Swords network (songofswords.csv in module) (Hint. You can use read_csv from readr package).

-Load data frame with attributes from module (got_attr.rda)

-Plot the weighted graph with the layout of your choice with the vertices colored by house (1=Lannister, 2=Stark, 3=Tagaryen, 4=Baratheon) and vertex size indexed by degree.

-Interpret the graph: Of the Lannisters and Starks, which family seems more consolidated at this time? What about other houses? What can we infer about the politics of Westeros at this time based on this graph?