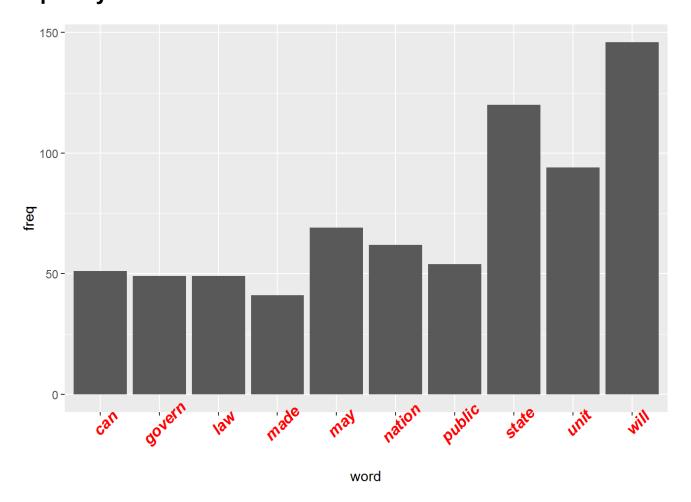
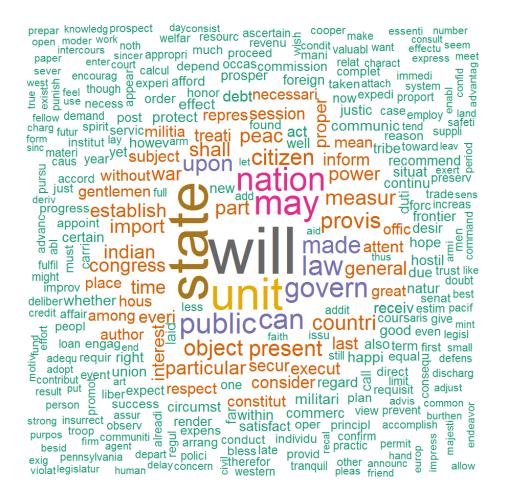
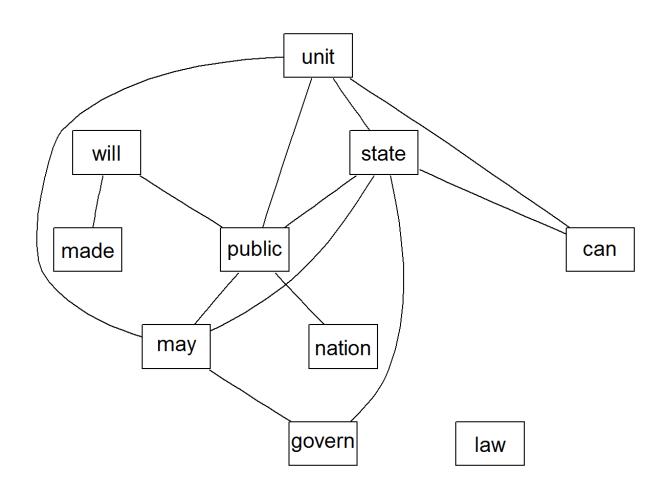
# Speeches of George Washington (1789 - 1796) Frequency of words



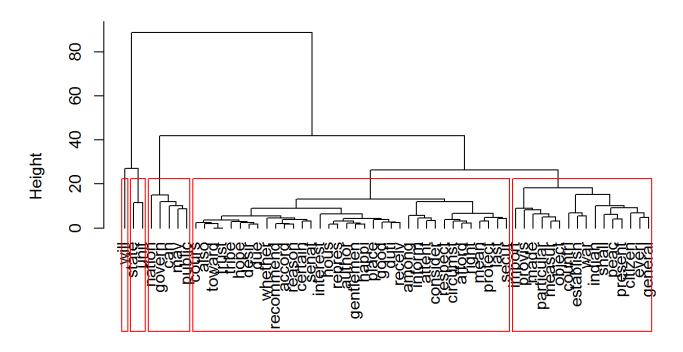


#### Relationship between words



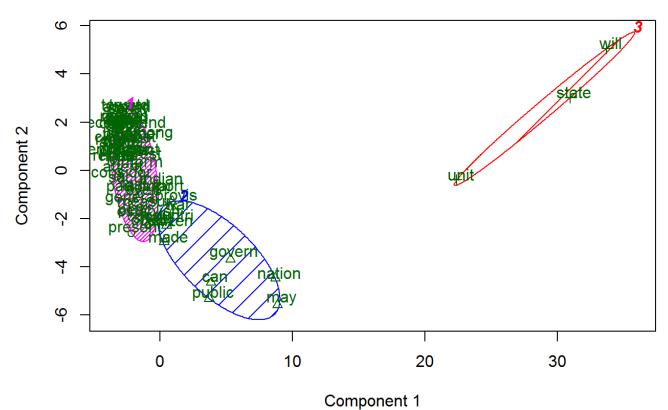
### Clustering

#### **Cluster Dendrogram**



mdist hclust (\*, "ward.D2")

### CLUSPLOT( as.matrix(mdist) )



These two components explain 95.5 % of the point variability.

## topic modeling

