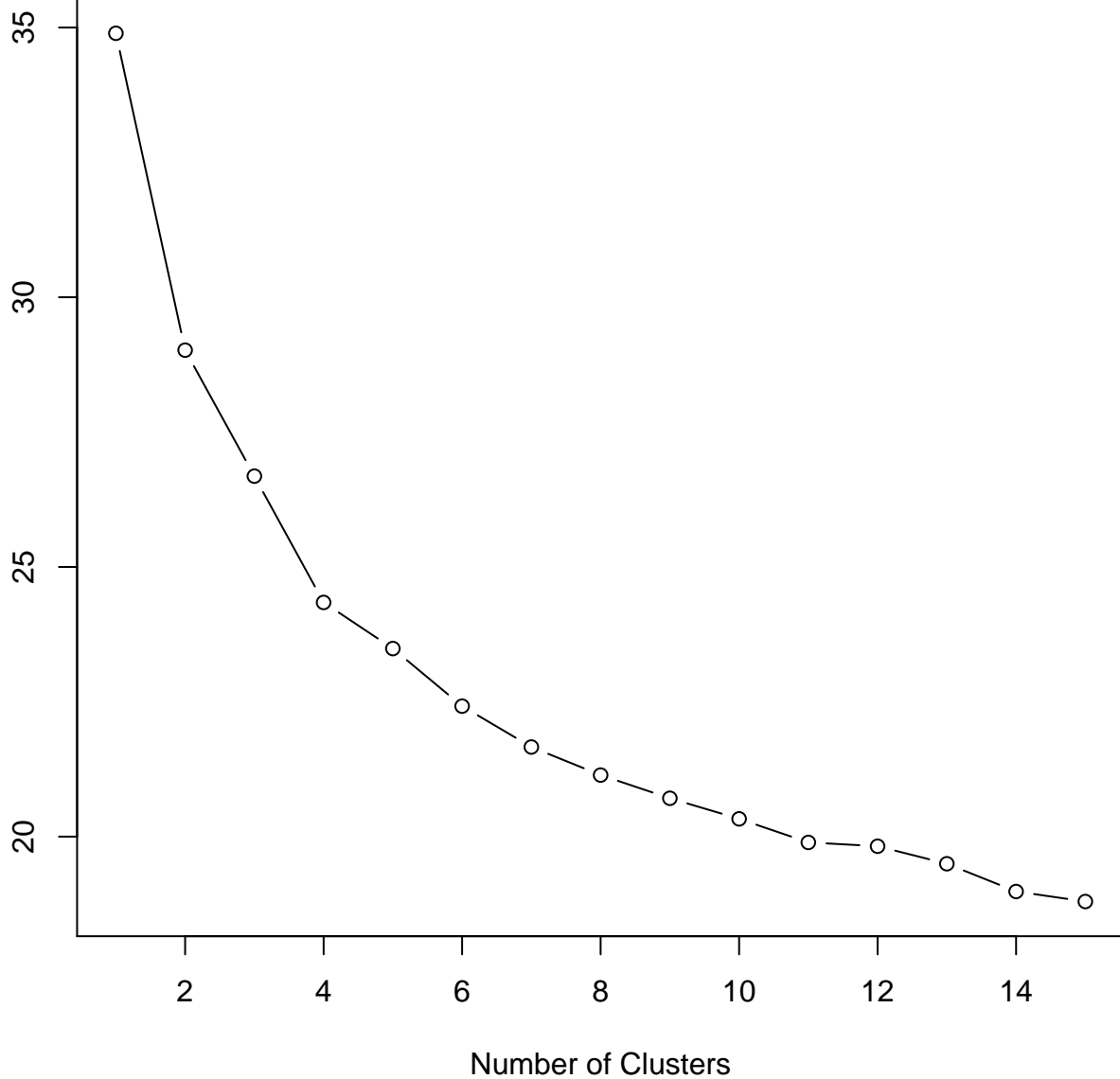


Within groups sum of squares



PCA plot showing the distribution of data points across three clusters (1, 2, and 3) based on Component 1 (X-axis) and Component 2 (Y-axis). The plot includes three distinct ellipses representing the clusters: Cluster 1 (blue), Cluster 2 (pink), and Cluster 3 (red). Data points are labeled with numbers, and some are highlighted with larger, colored text (blue, pink, red) corresponding to their cluster. The X-axis ranges from approximately -30 to 50, and the Y-axis ranges from approximately -10 to 10.

These two components explain 43.4 % of the point variability.