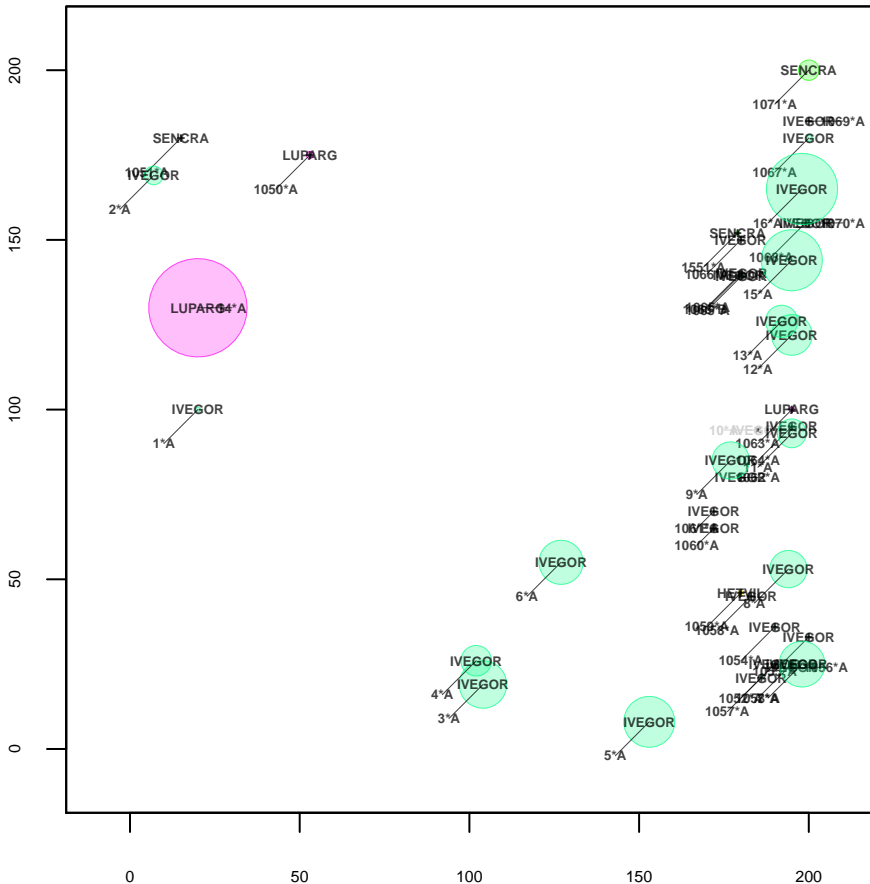
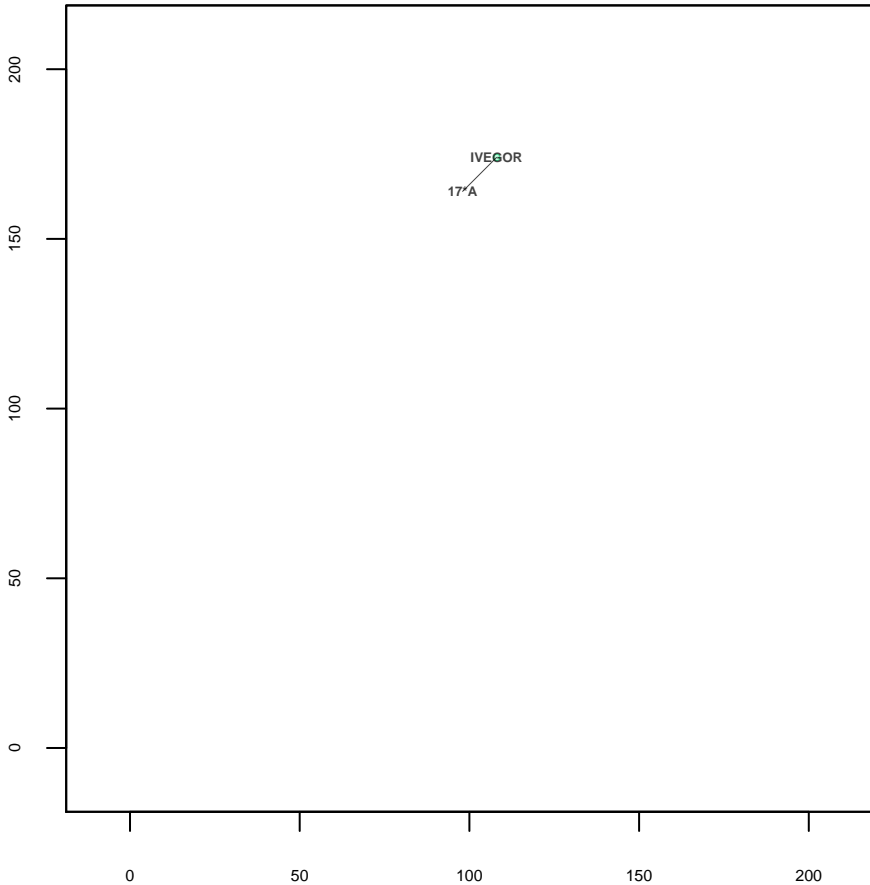


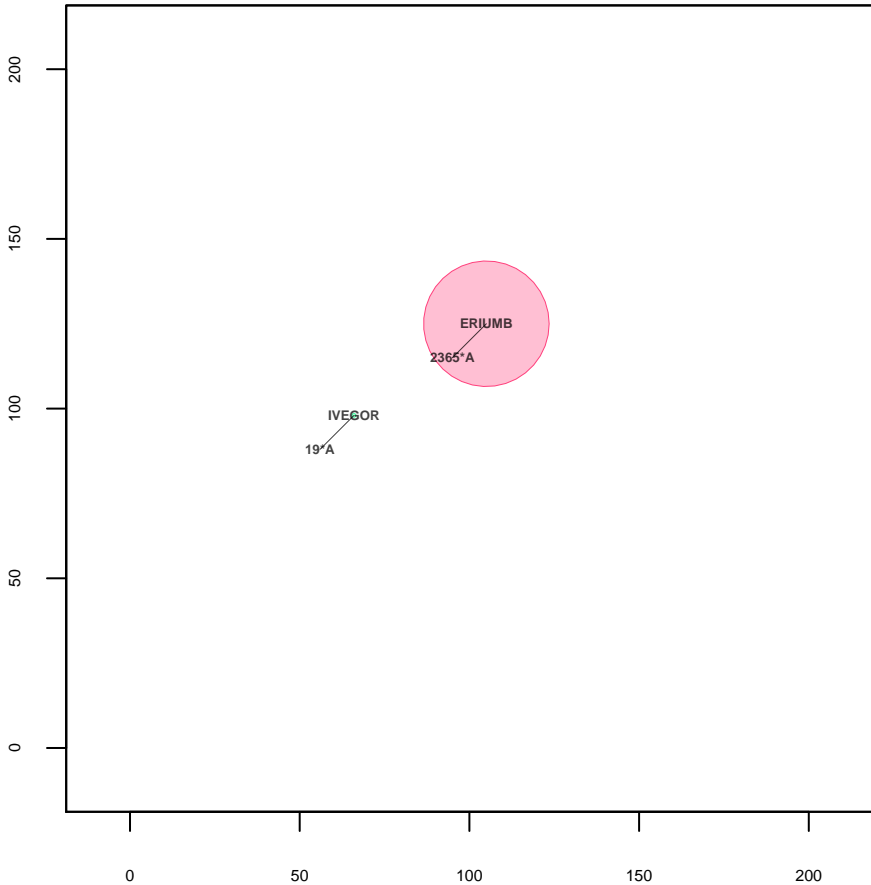
Plot 1



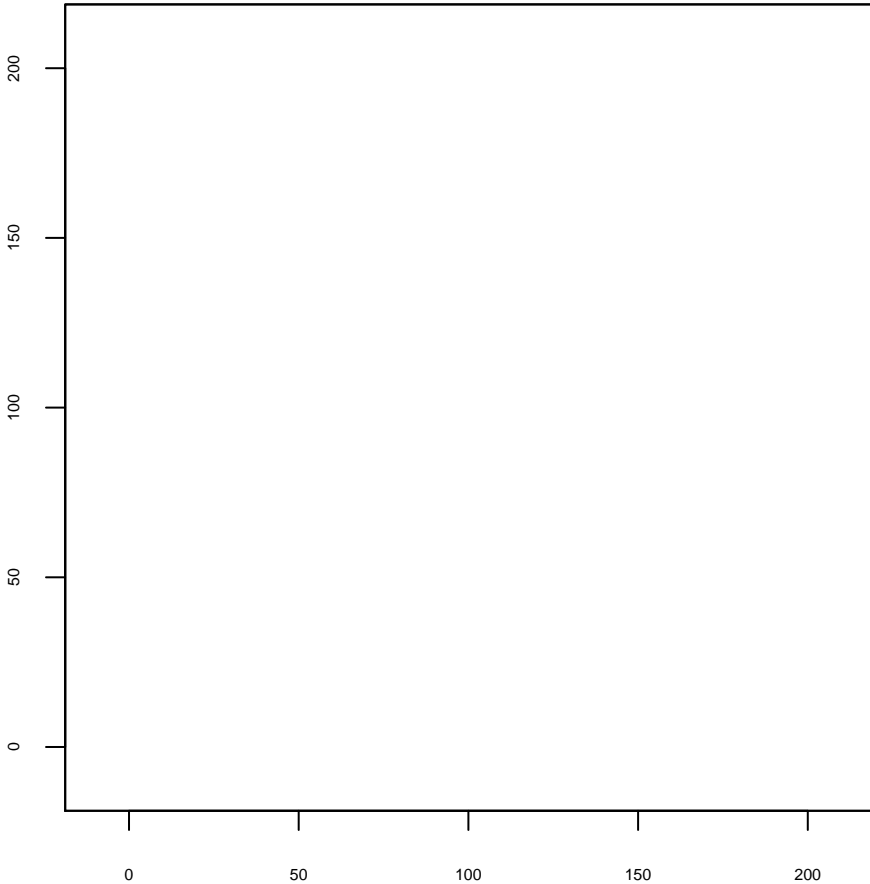
Plot 2



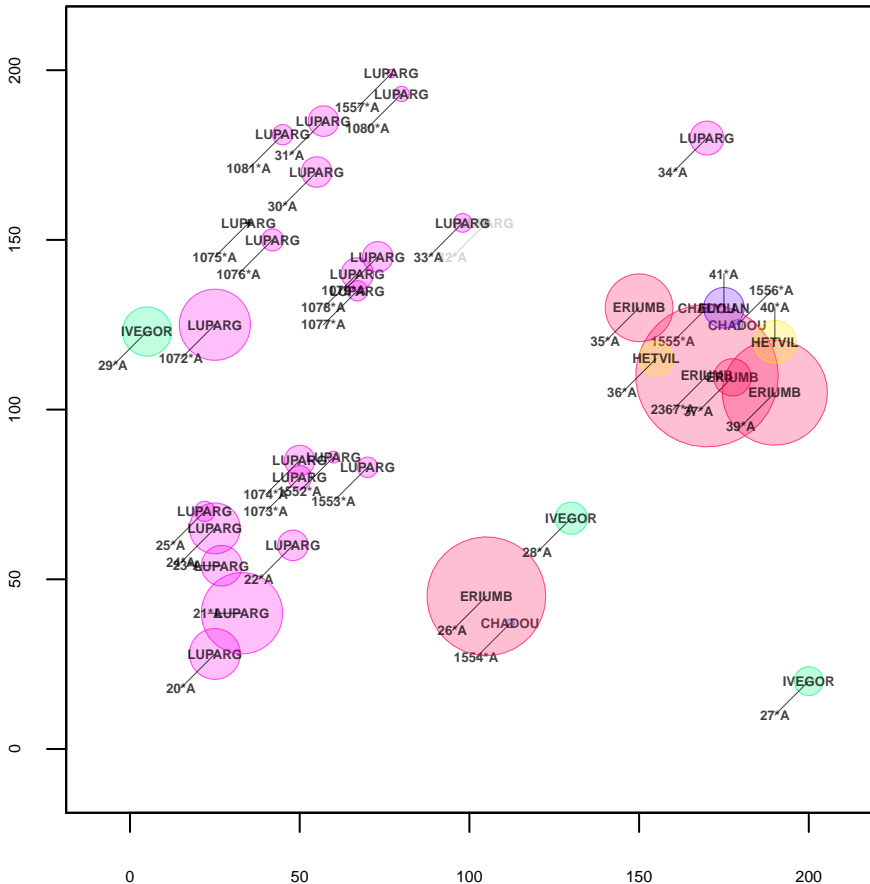
Plot 3



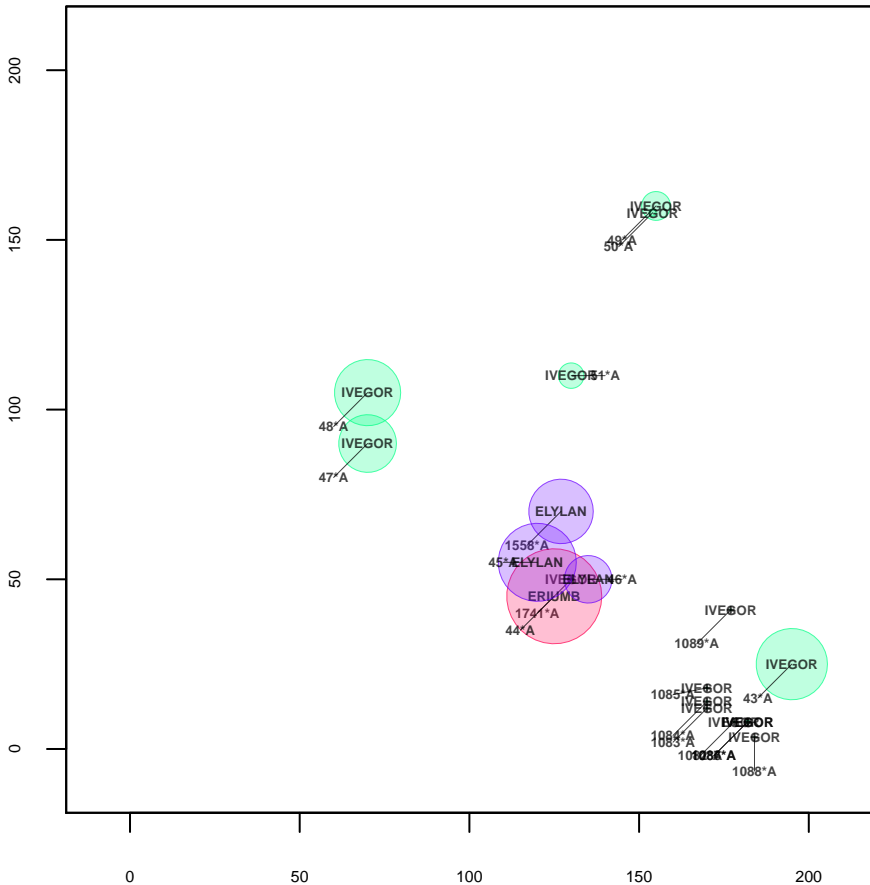
Plot 4



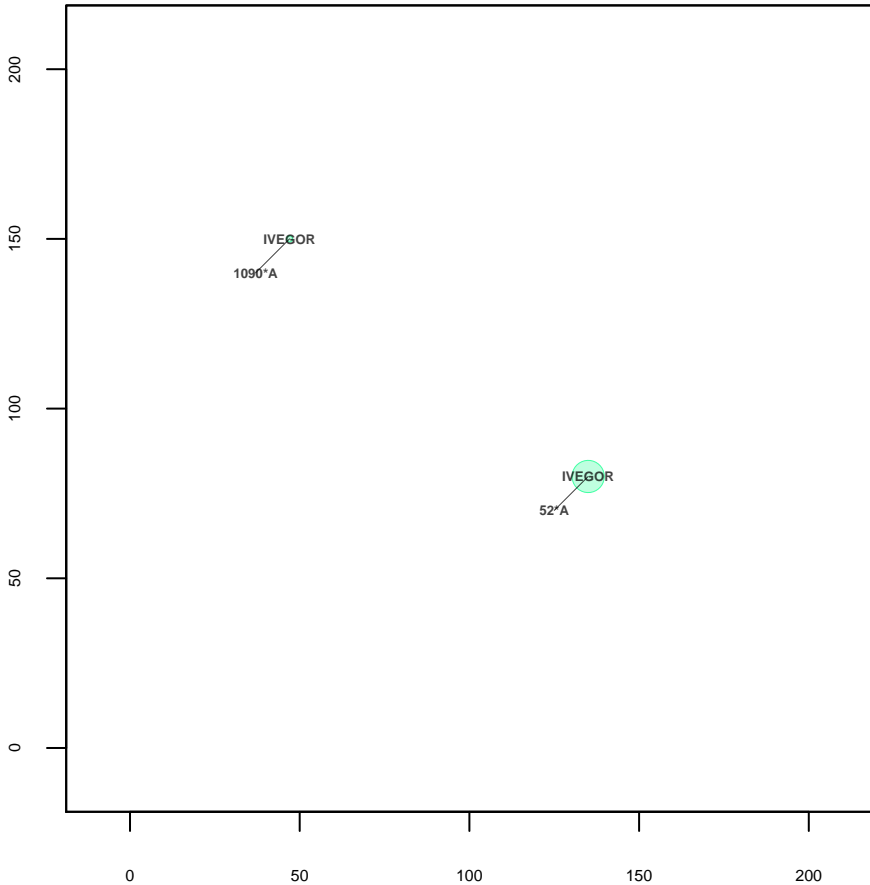
Plot 5



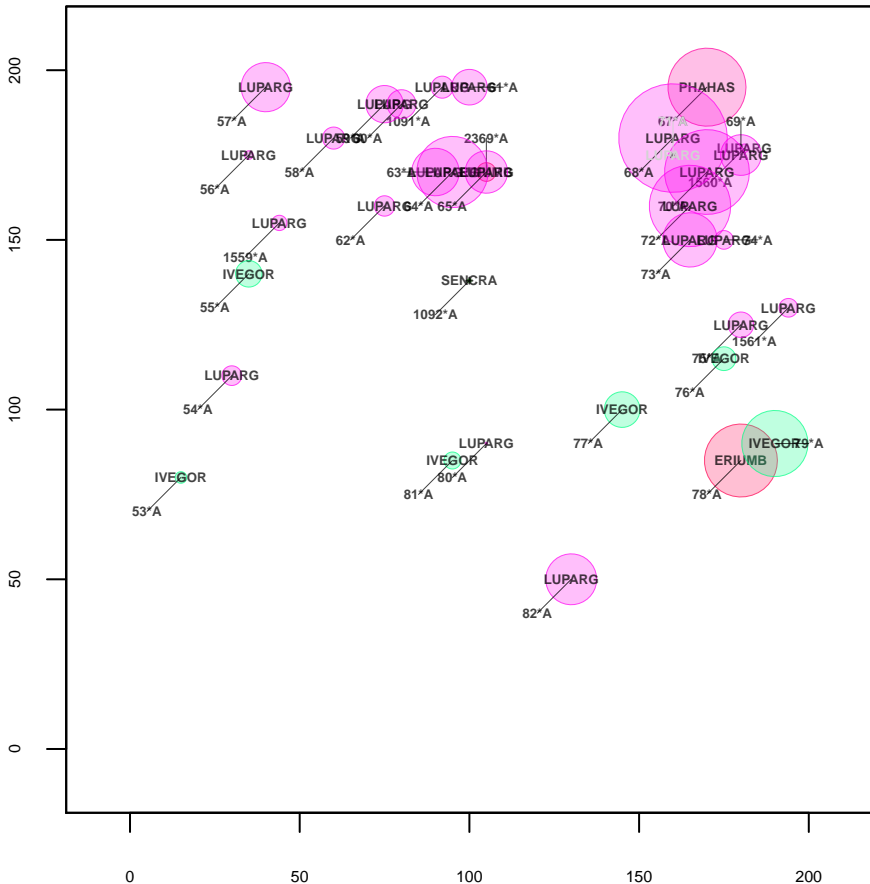
Plot 6



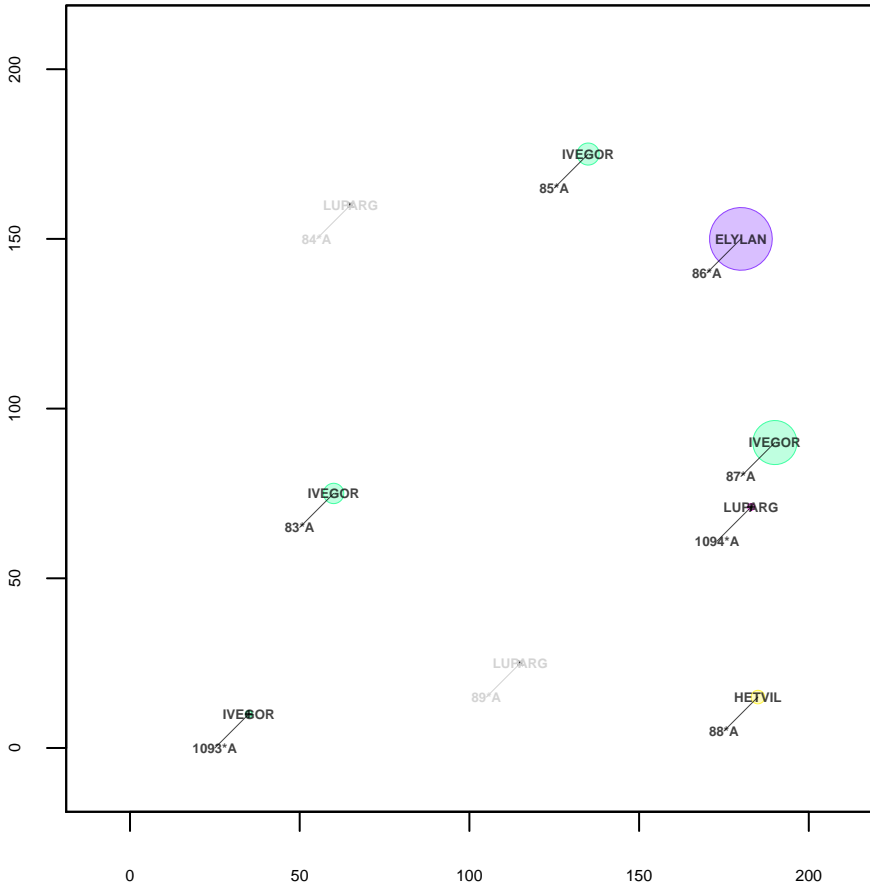
Plot 7



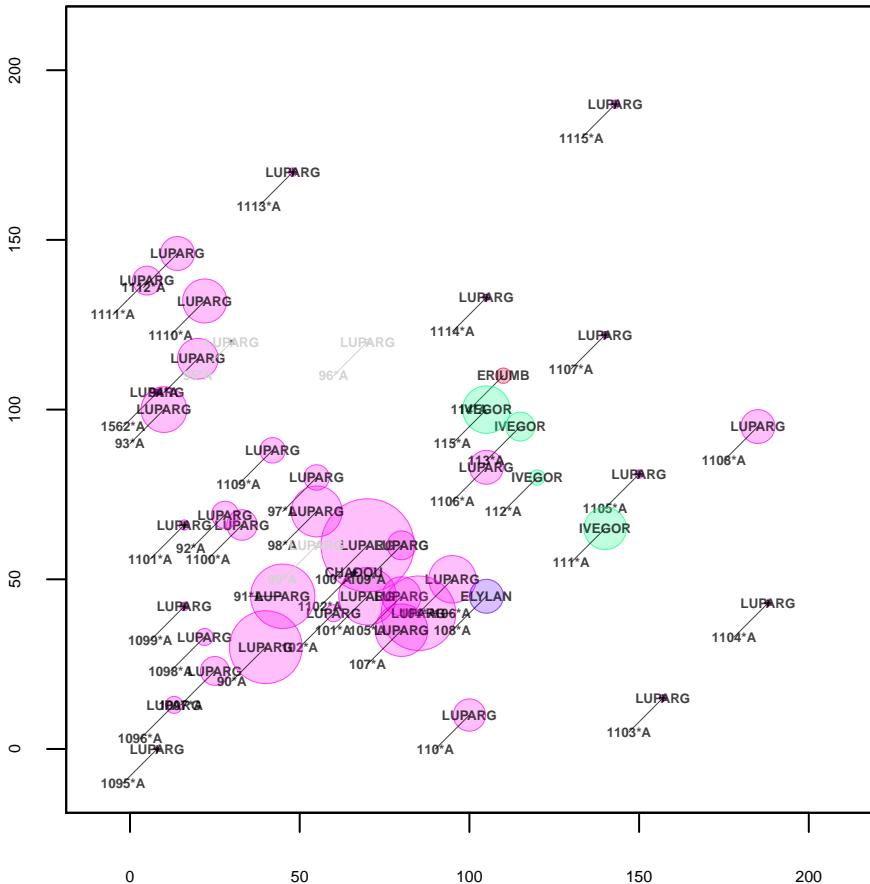
Plot 8



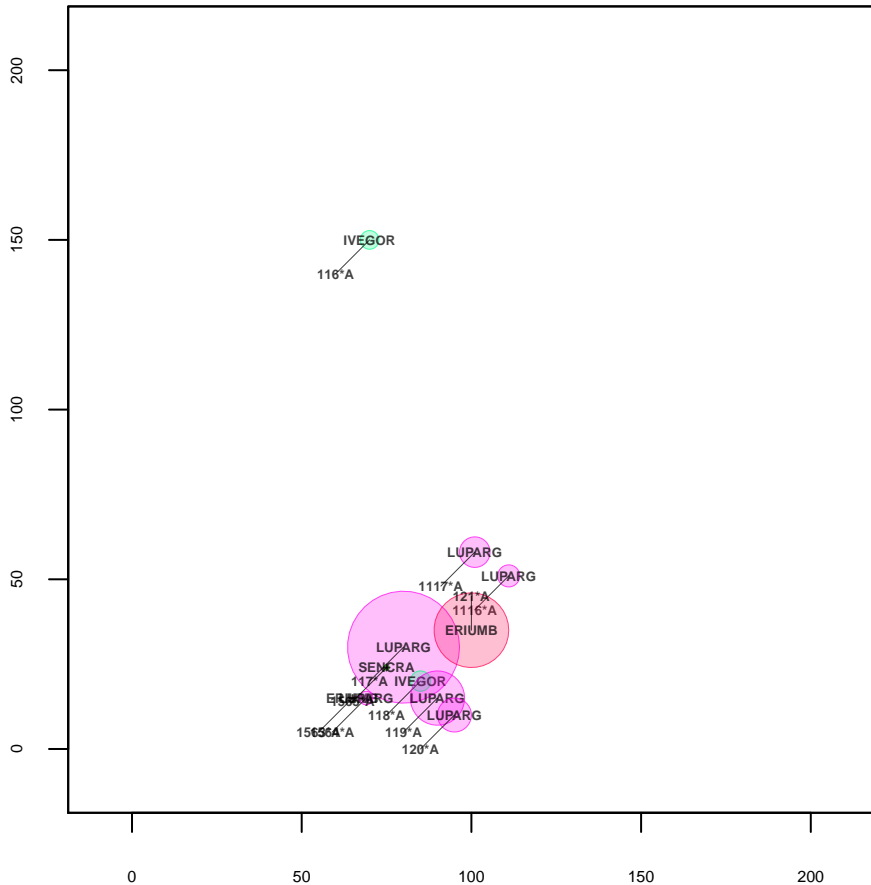
Plot 9



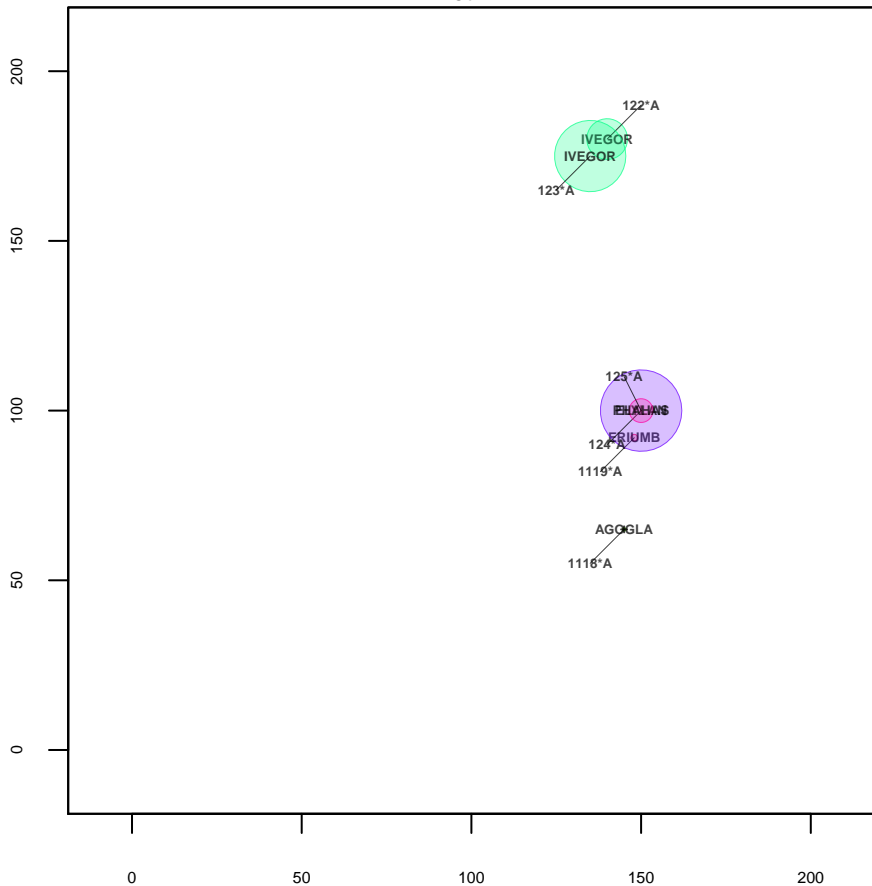
Plot 10



Plot 11



Plot 12



Plot 13

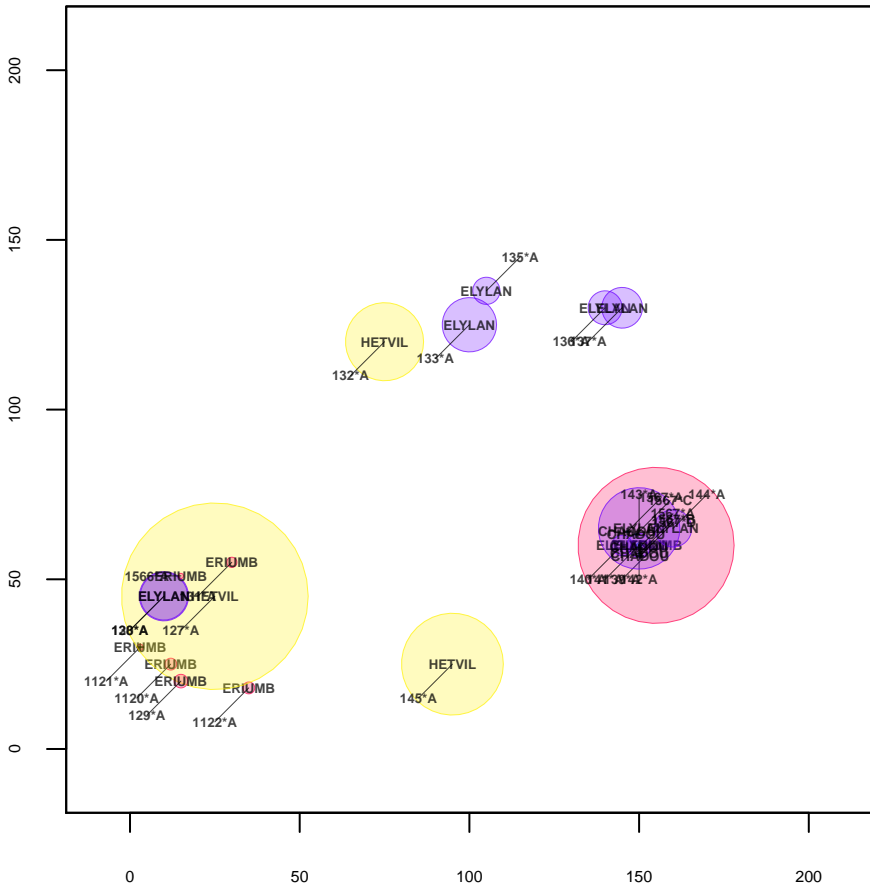


Figure 1 is a scatter plot showing the distribution of 150 protein sequences in a 2D space defined by two principal components. The x-axis ranges from 0 to 200, and the y-axis ranges from -100 to 100. Three distinct clusters are highlighted: a yellow cluster (left-center), a pink cluster (right-center), and a light blue cluster (bottom-center). Each cluster contains several protein sequences labeled with their names and resolution values in Angstroms (Å). Lines connect the labels to their corresponding points in the plot.

Yellow Cluster (Left-Center):

- 154 Å
- ELYLAN 153 Å
- HEVIL
- ELYLAN 148 Å
- 152 Å
- 151 Å ERIUMB
- ELYLAN 149 Å
- 150 Å
- IVEGOR
- ERIMB
- 1125 Å
- 1124 Å

Pink Cluster (Right-Center):

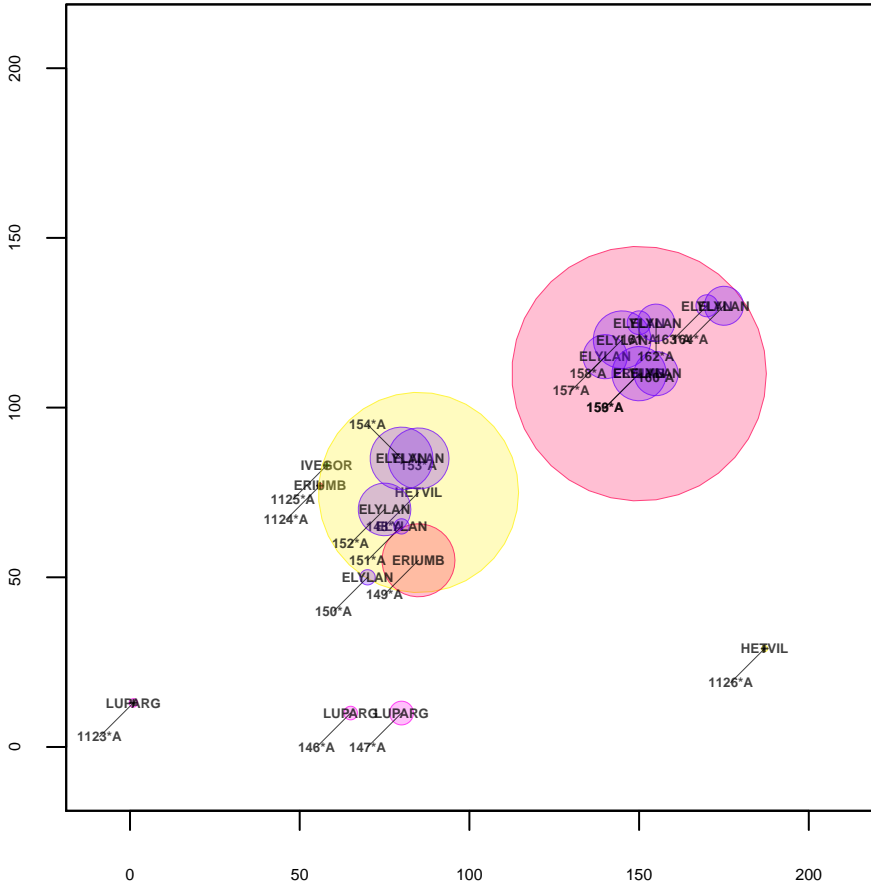
- ELYLAN 163 Å
- ELYLAN 162 Å
- 158 Å ELYMAN
- 157 Å
- 158 Å
- ELYMAN
- ELYMAN
- ELYMAN

Light Blue Cluster (Bottom-Center):

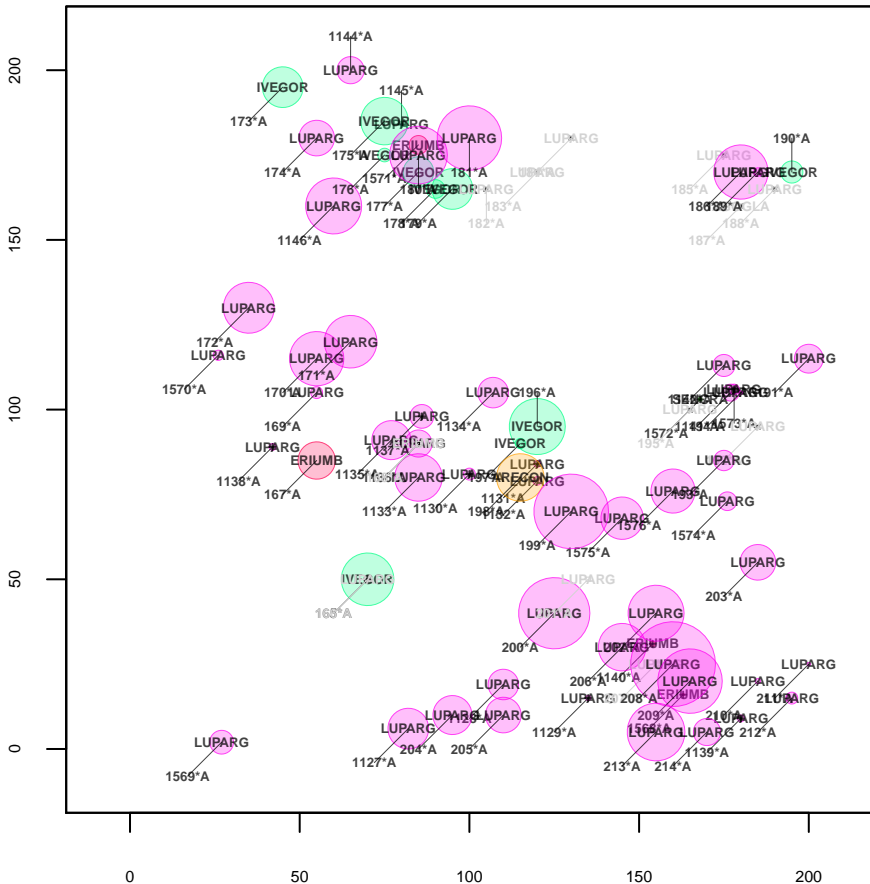
- LUPARG
- 1123 Å
- LUPARG
- 146 Å
- LUPARG
- 147 Å

Other Labels:

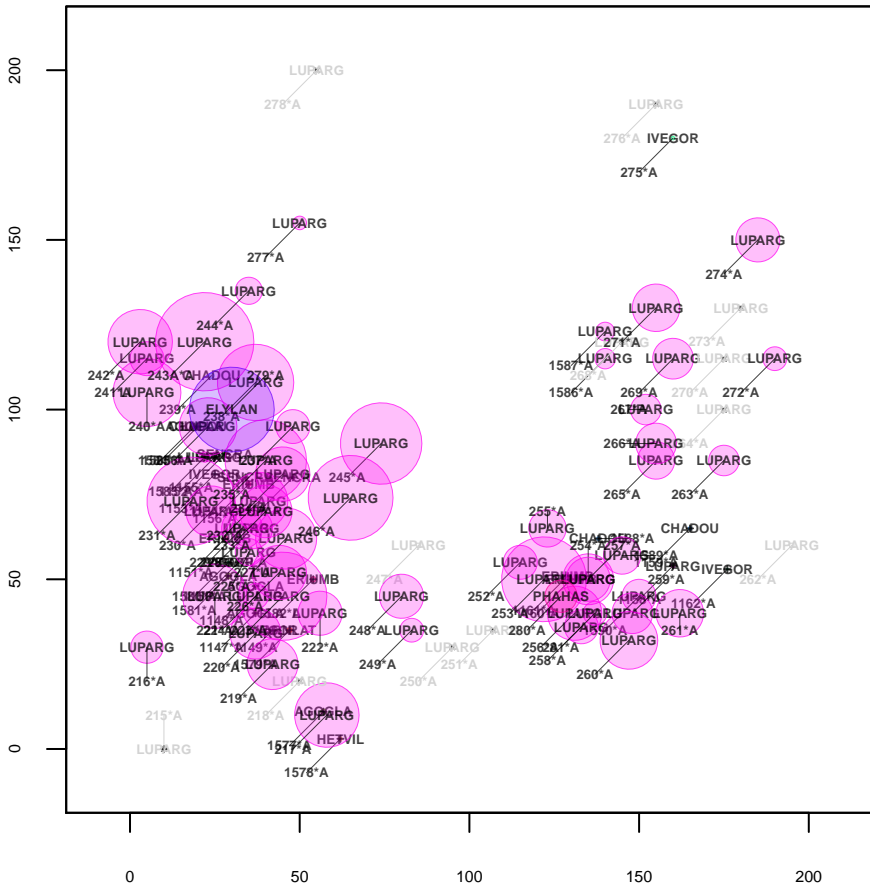
- HEVIL
- 1126 Å



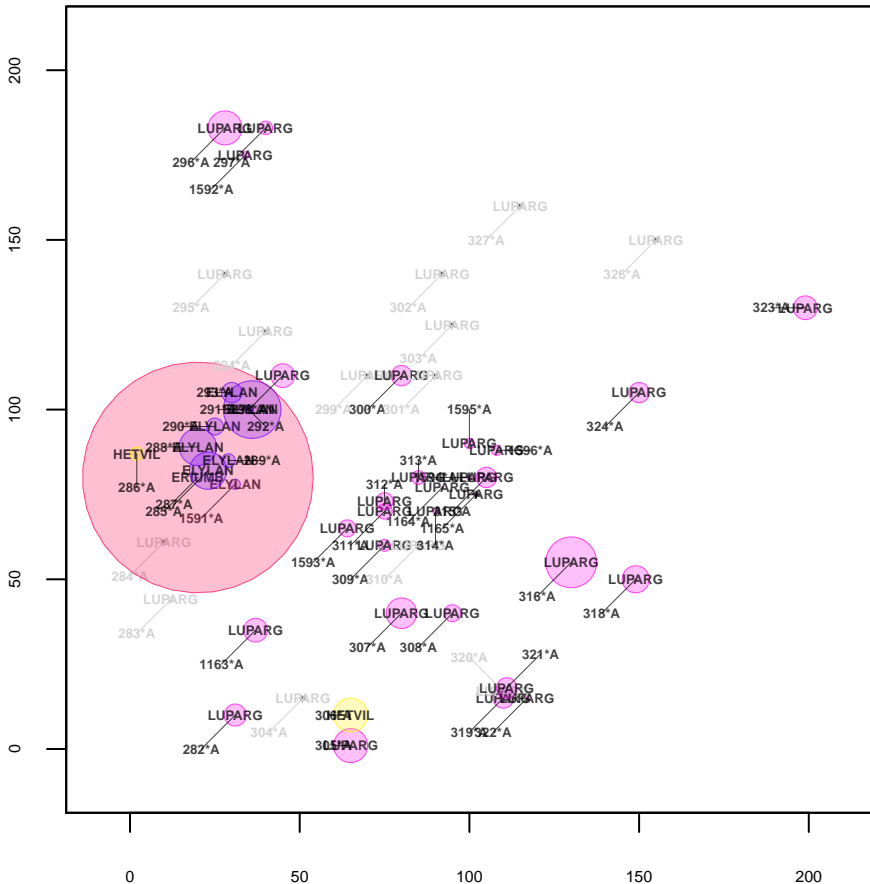
Plot 15



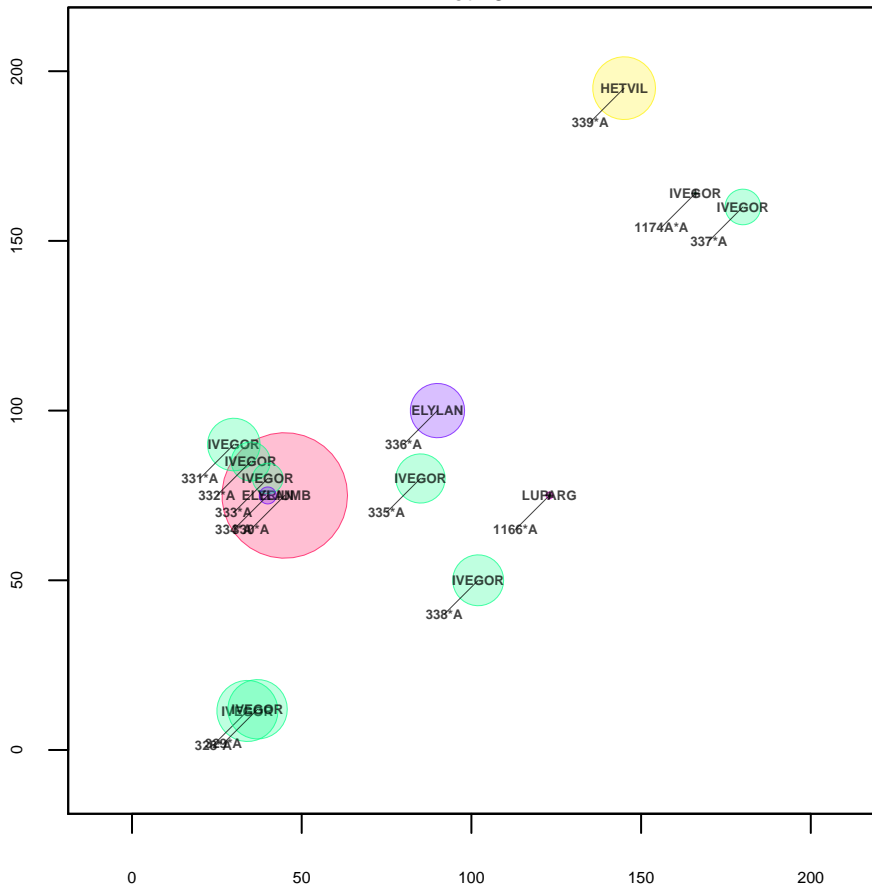
Plot 16



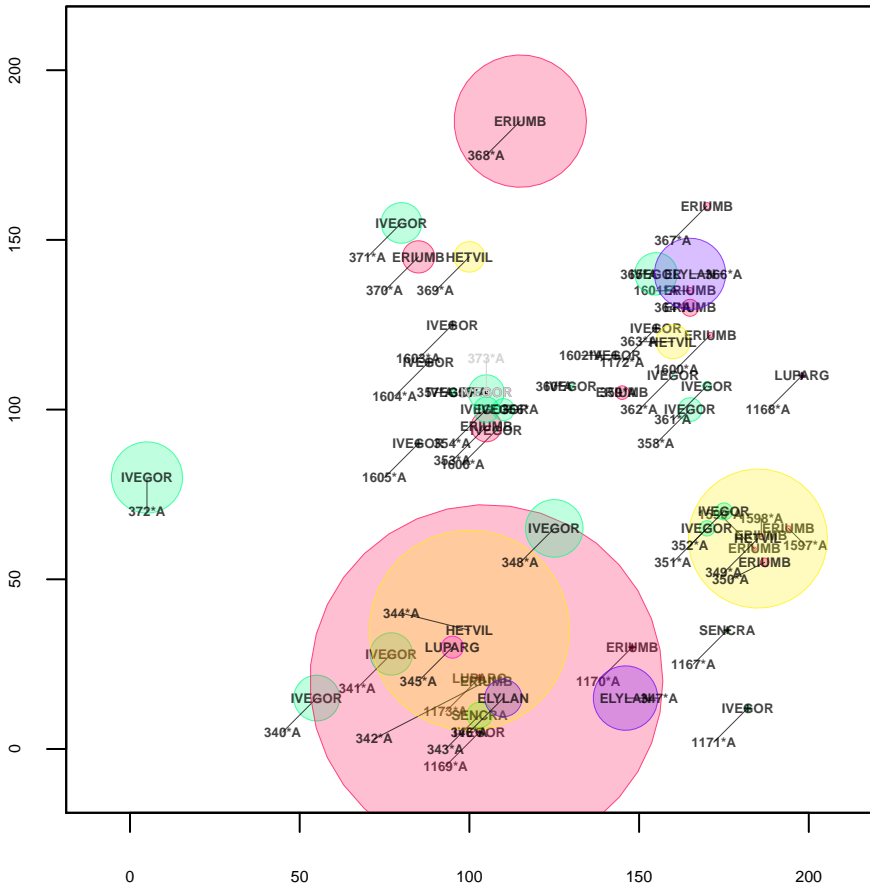
Plot 17



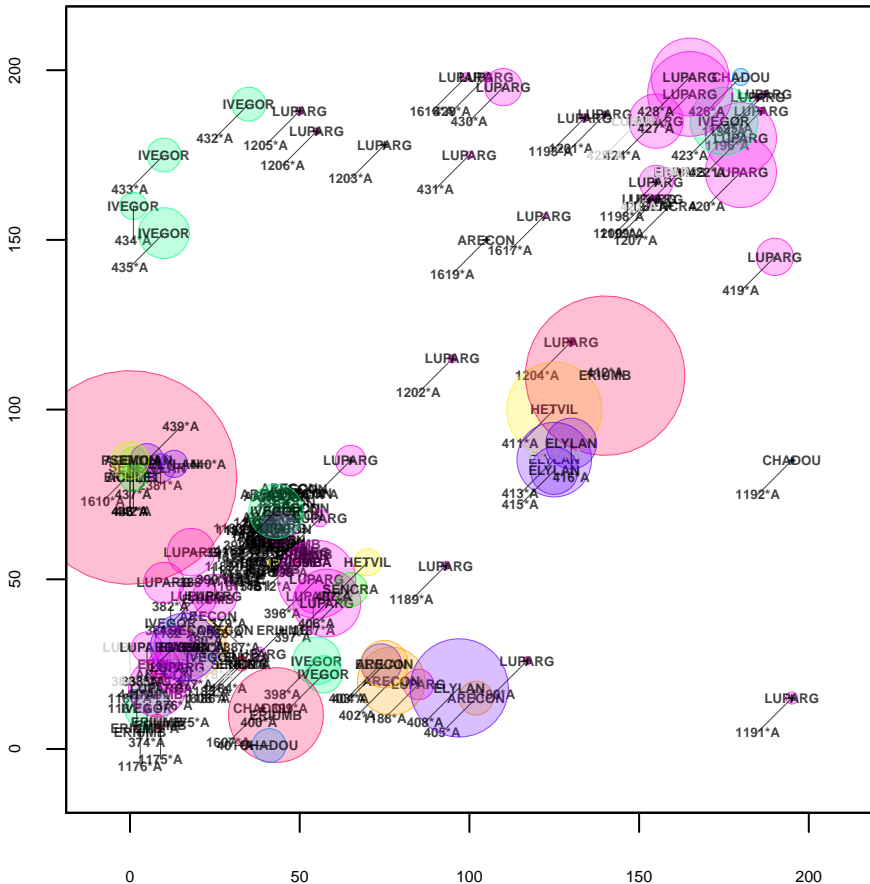
Plot 18



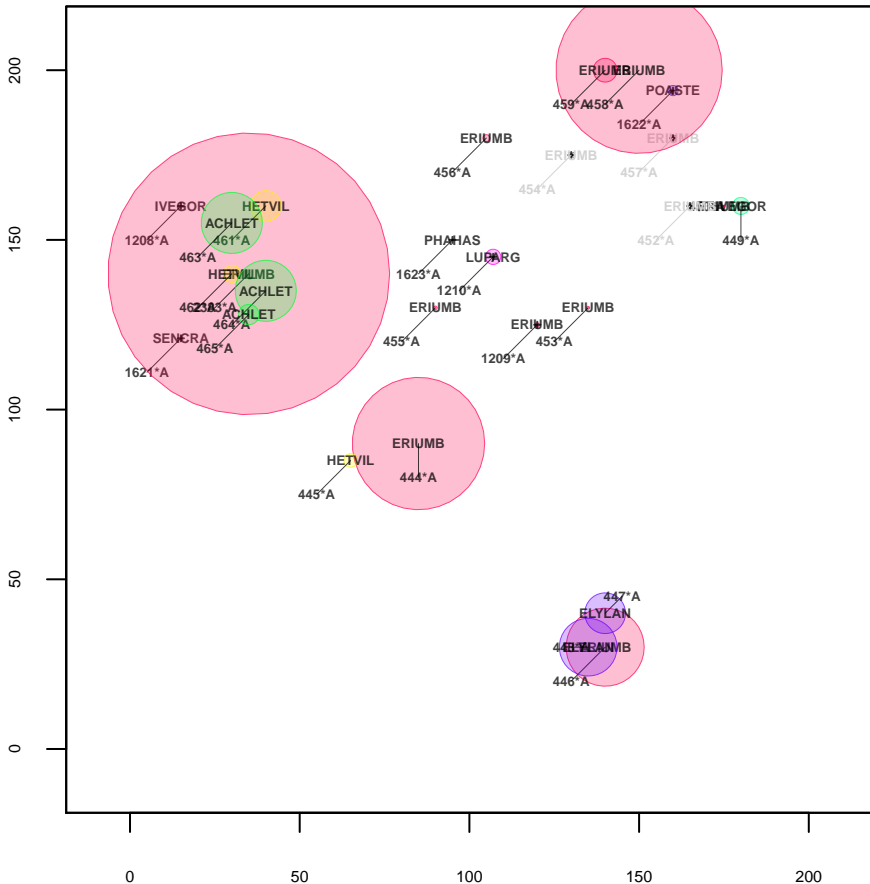
Plot 19



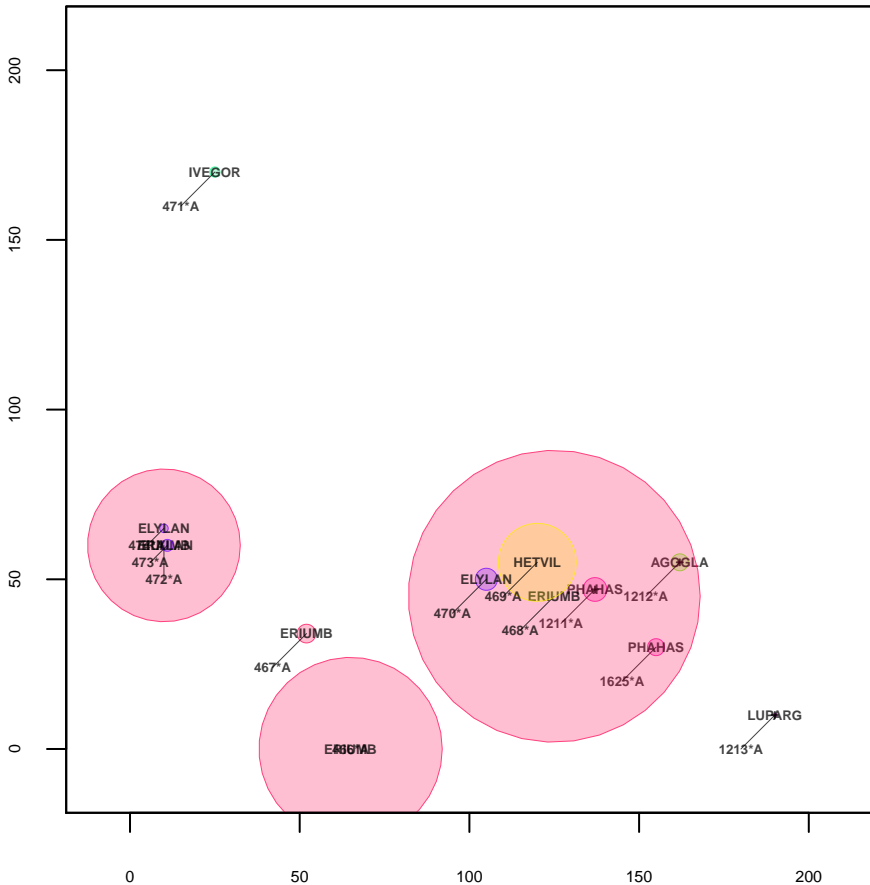
Plot 20



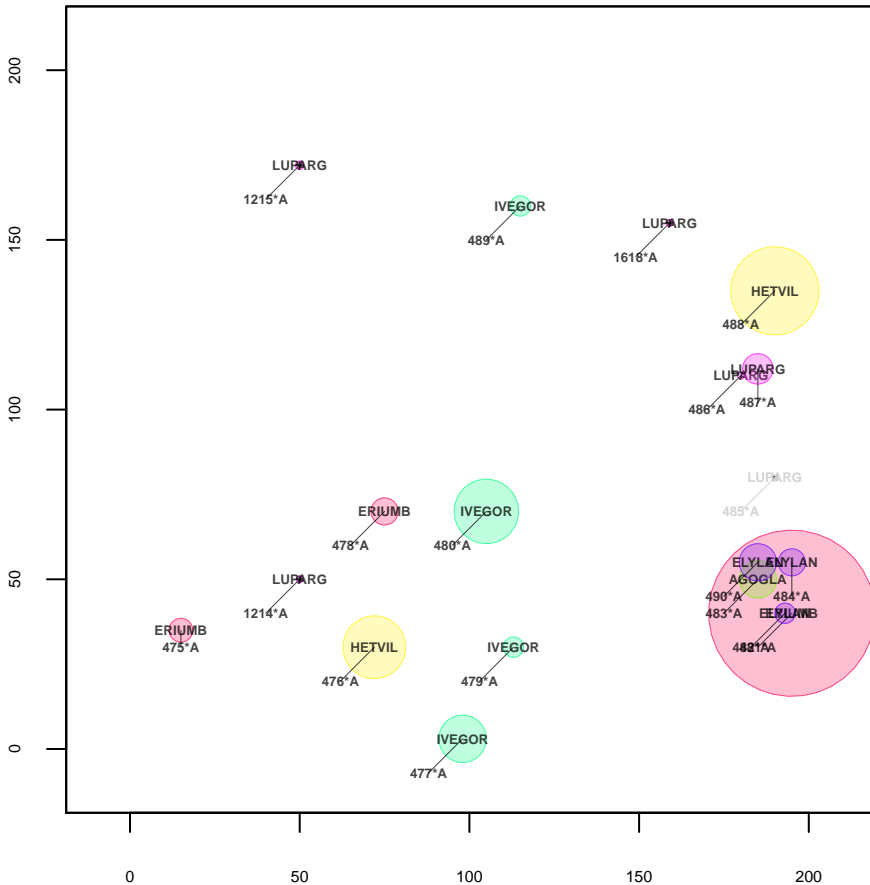
Plot 21



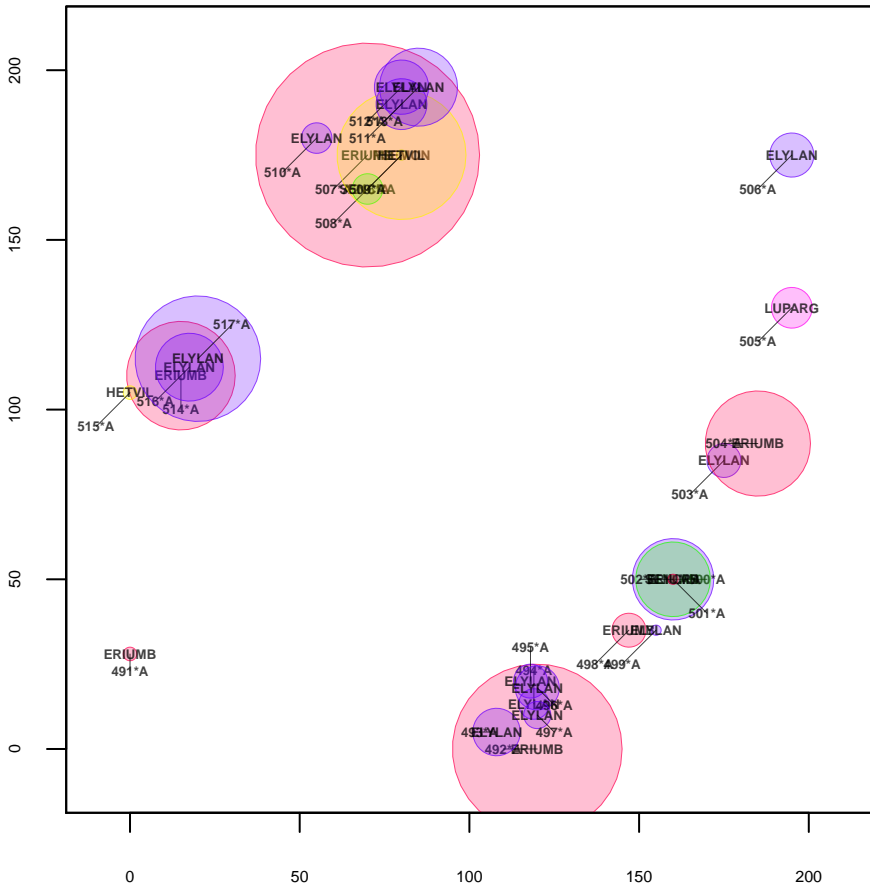
Plot 22



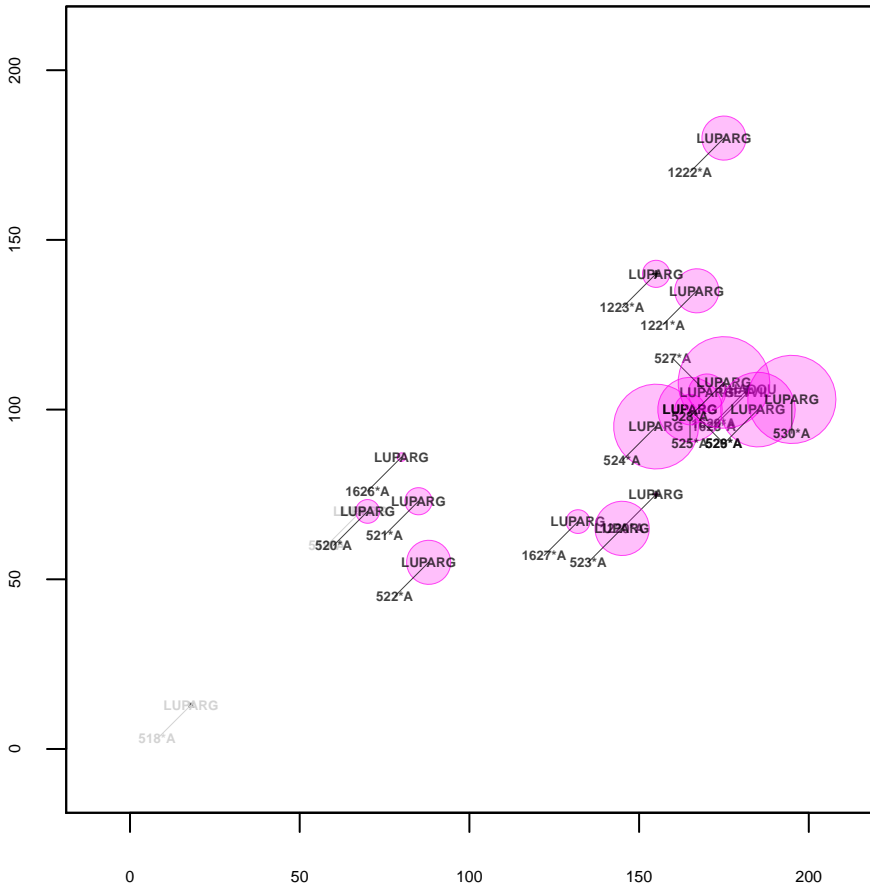
Plot 23



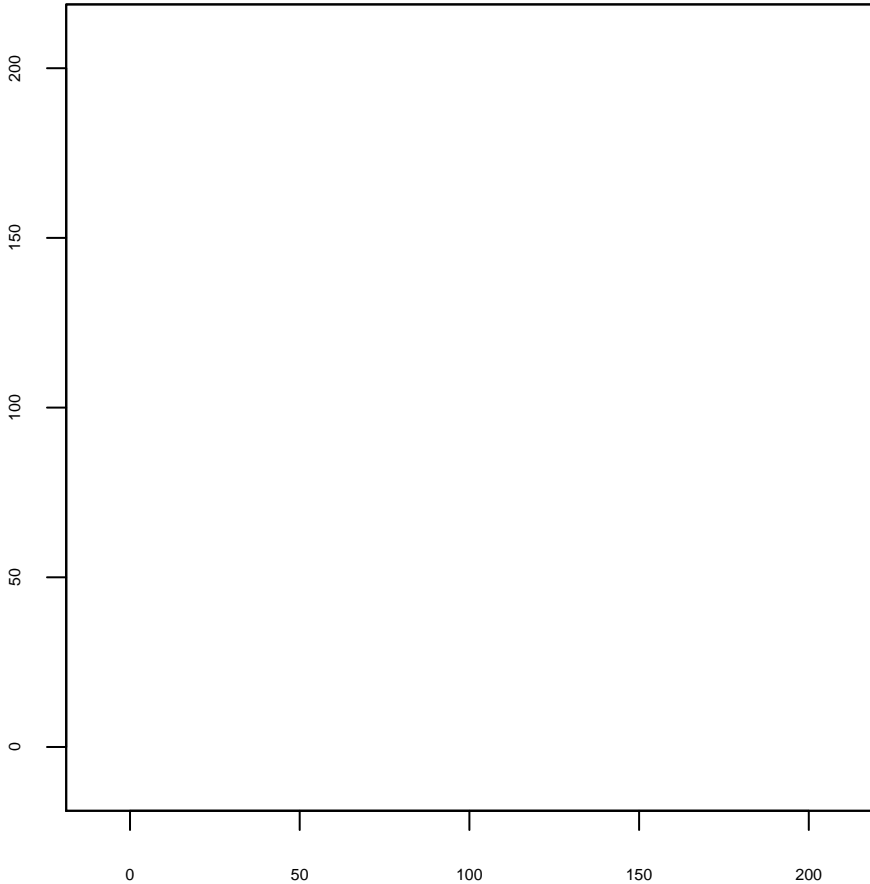
Plot 24



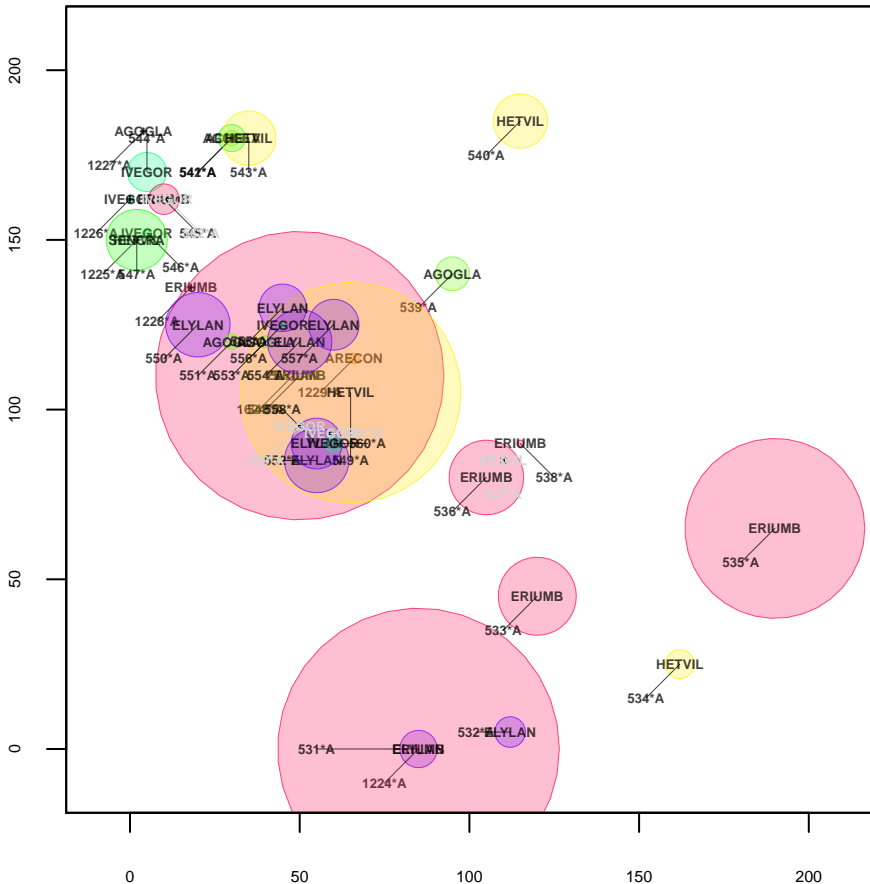
Plot 25



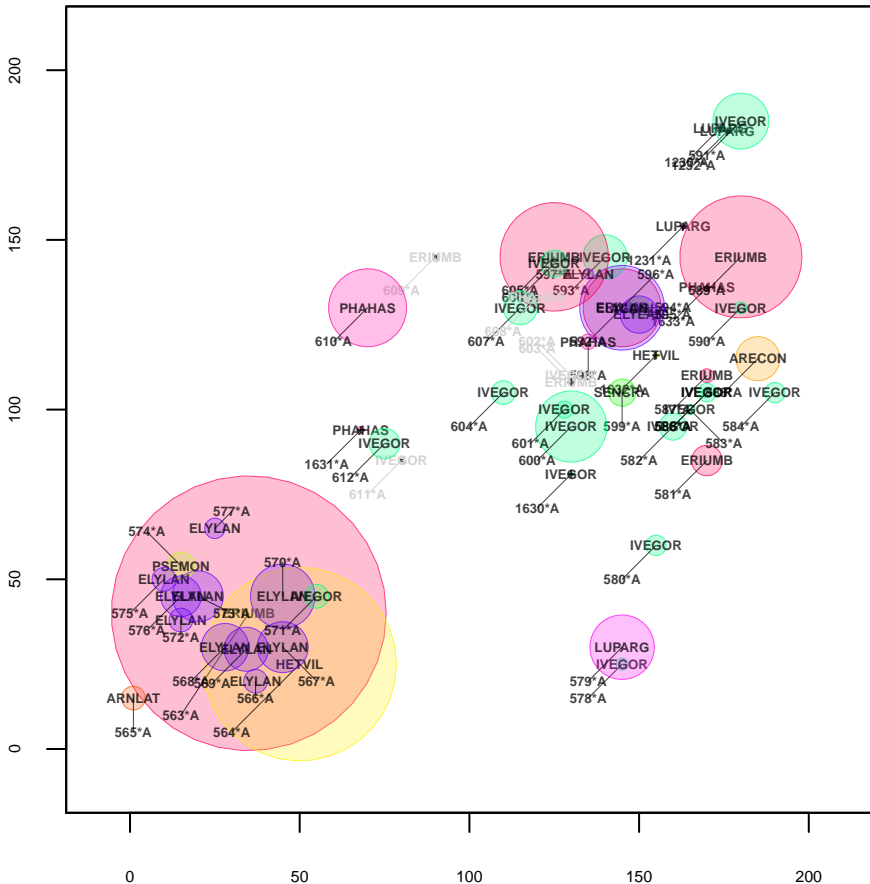
Plot 26



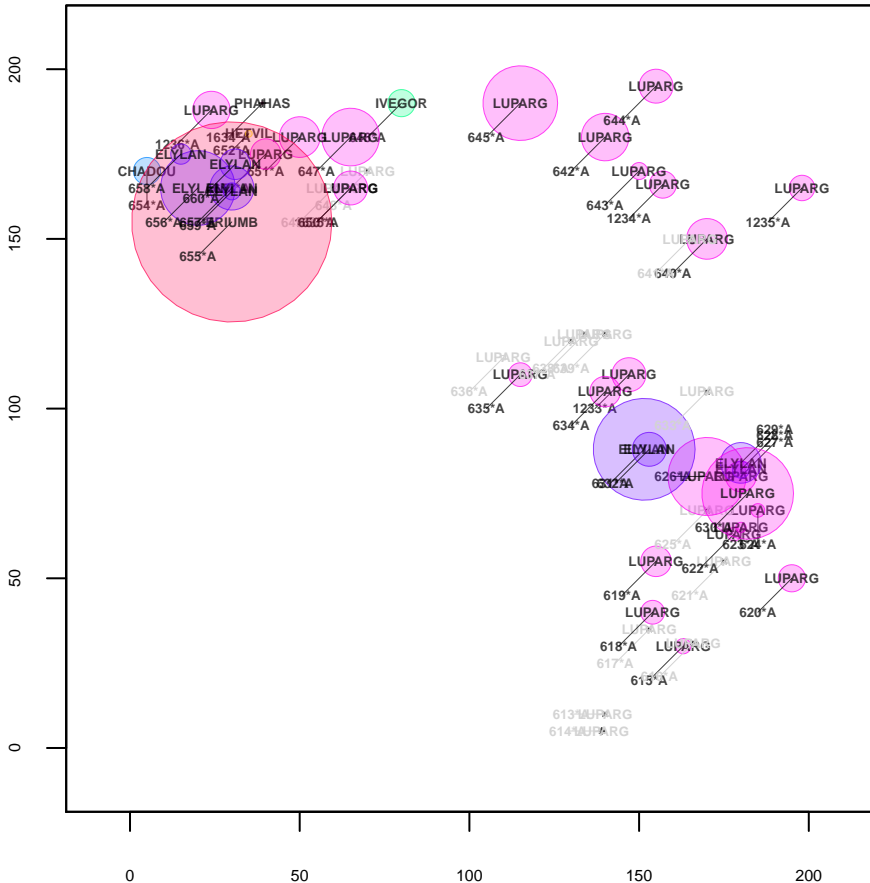
Plot 27



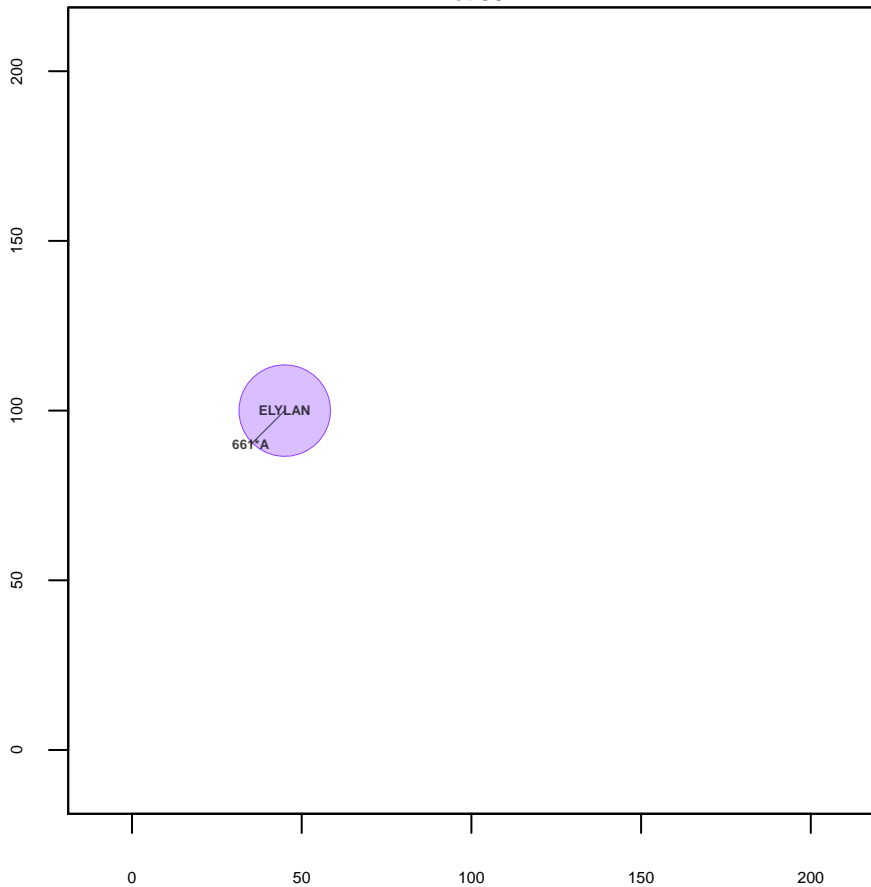
Plot 28



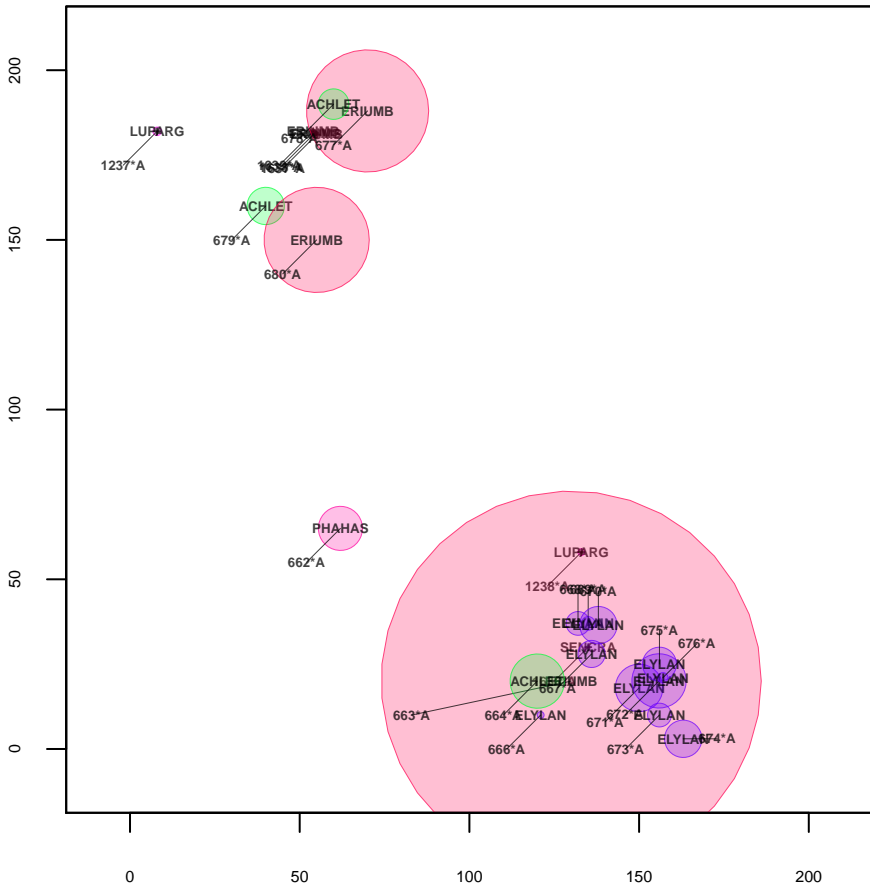
Plot 29

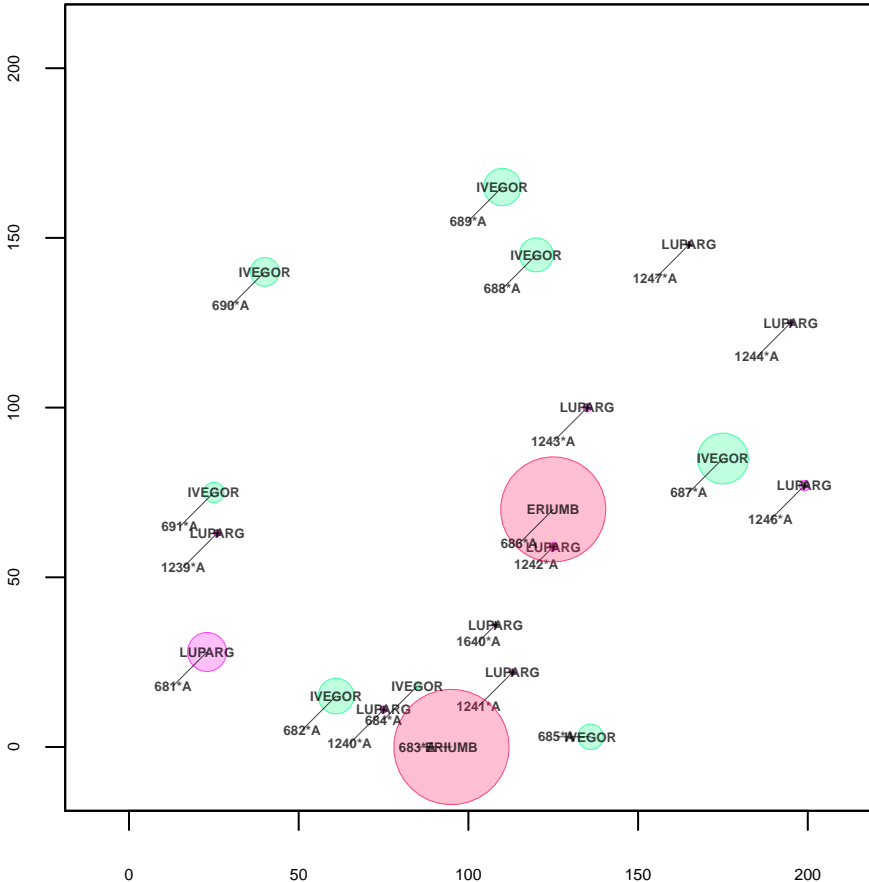


Plot 30

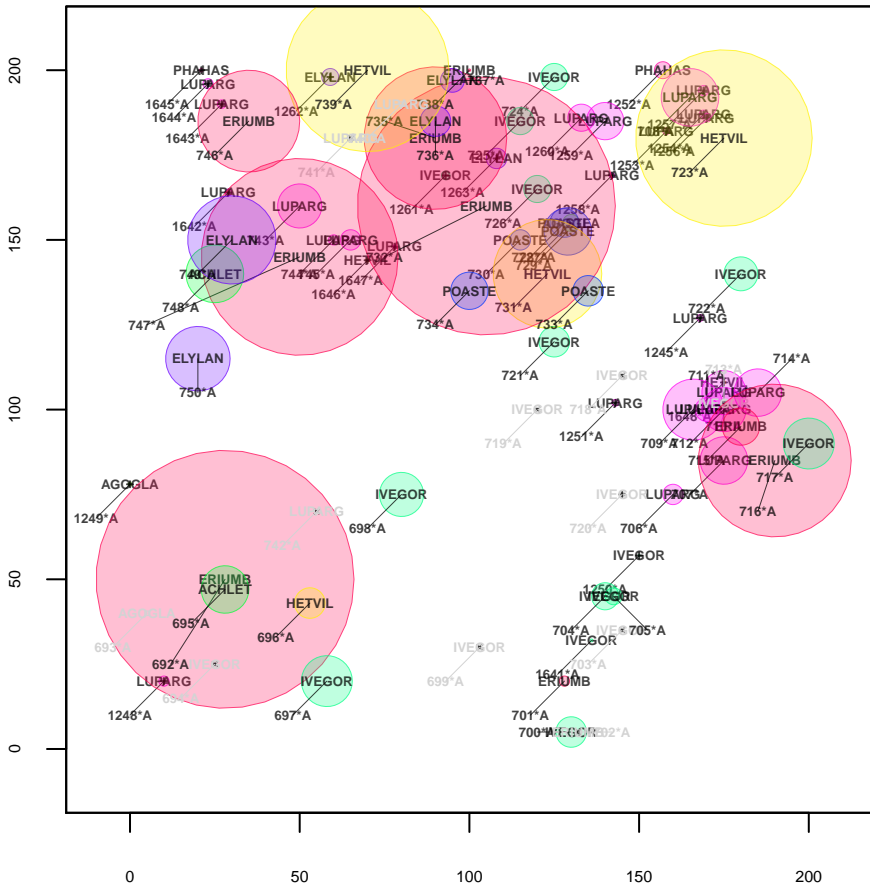


Plot 31

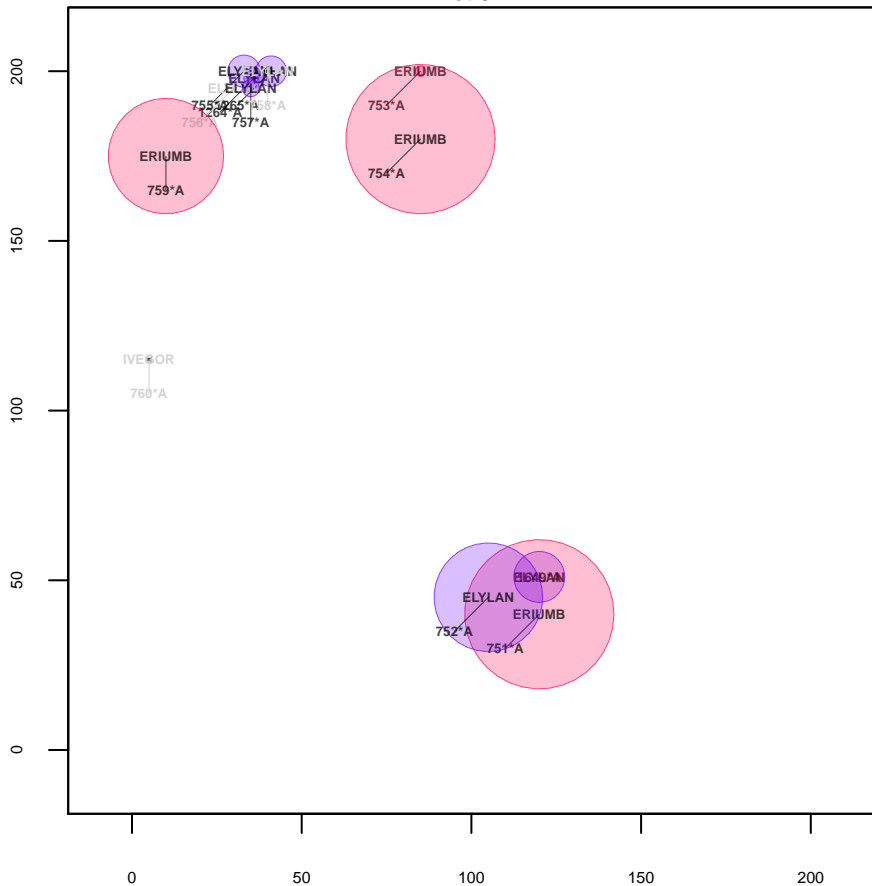




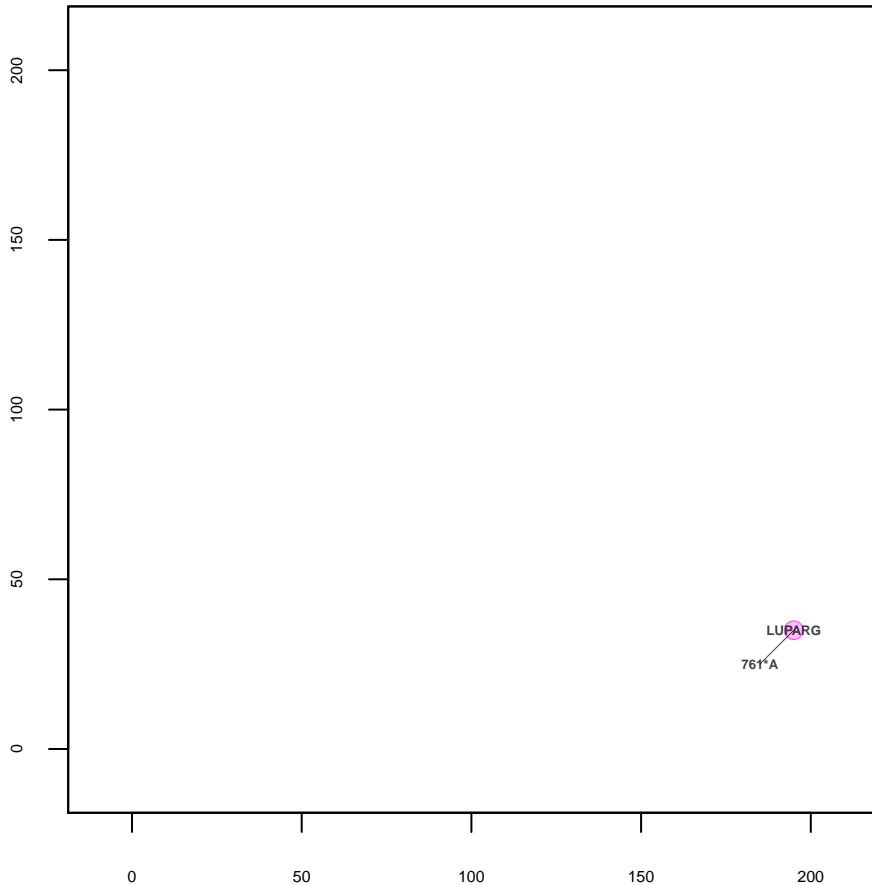
Plot 33



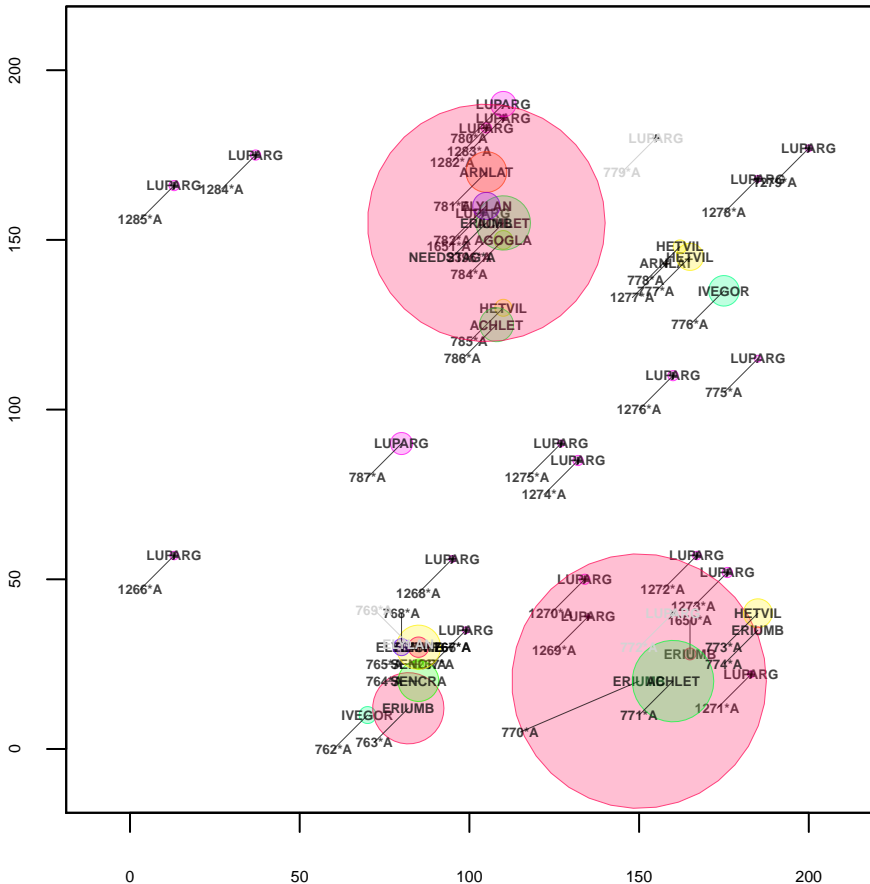
Plot 34



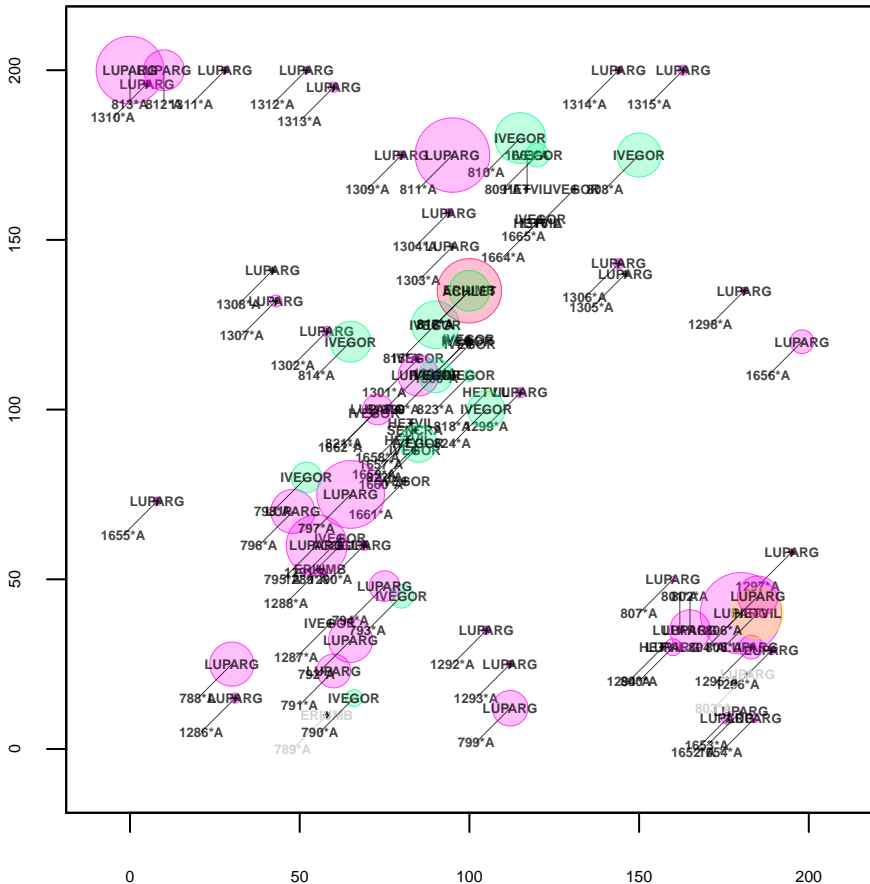
Plot 35



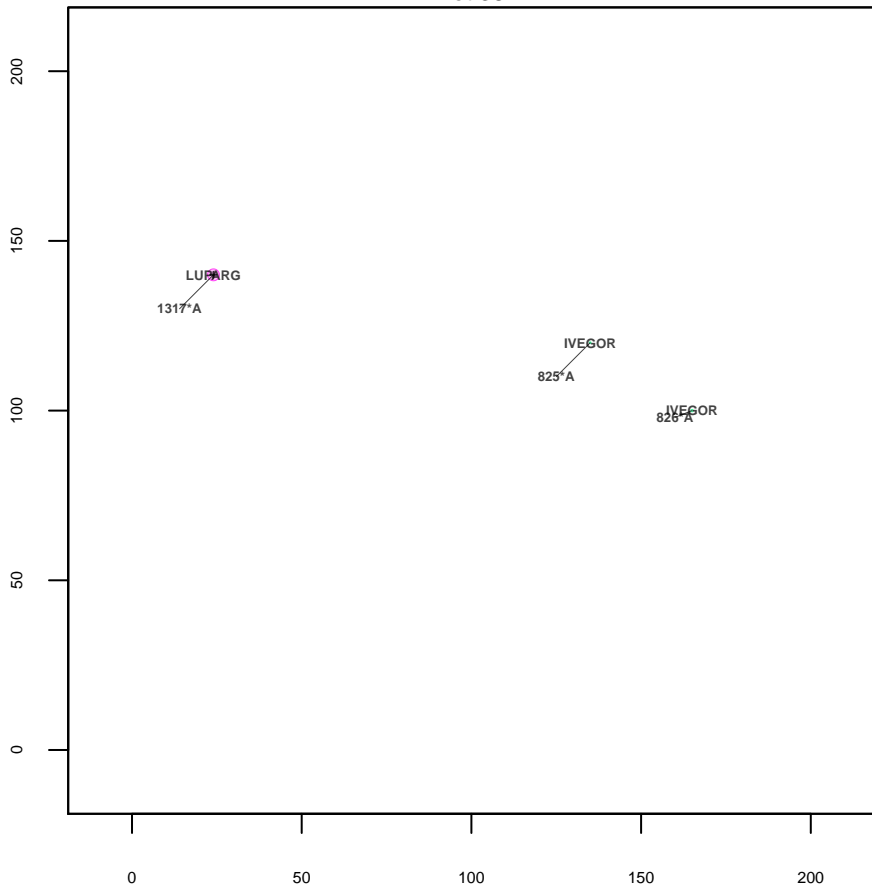
Plot 36



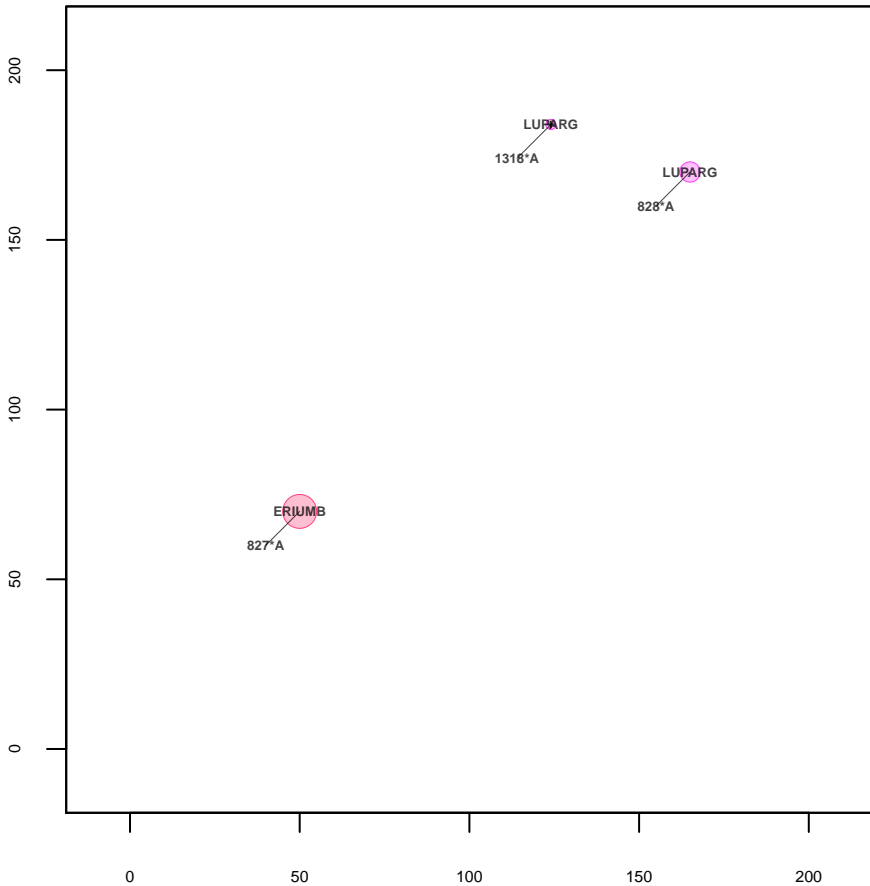
Plot 37



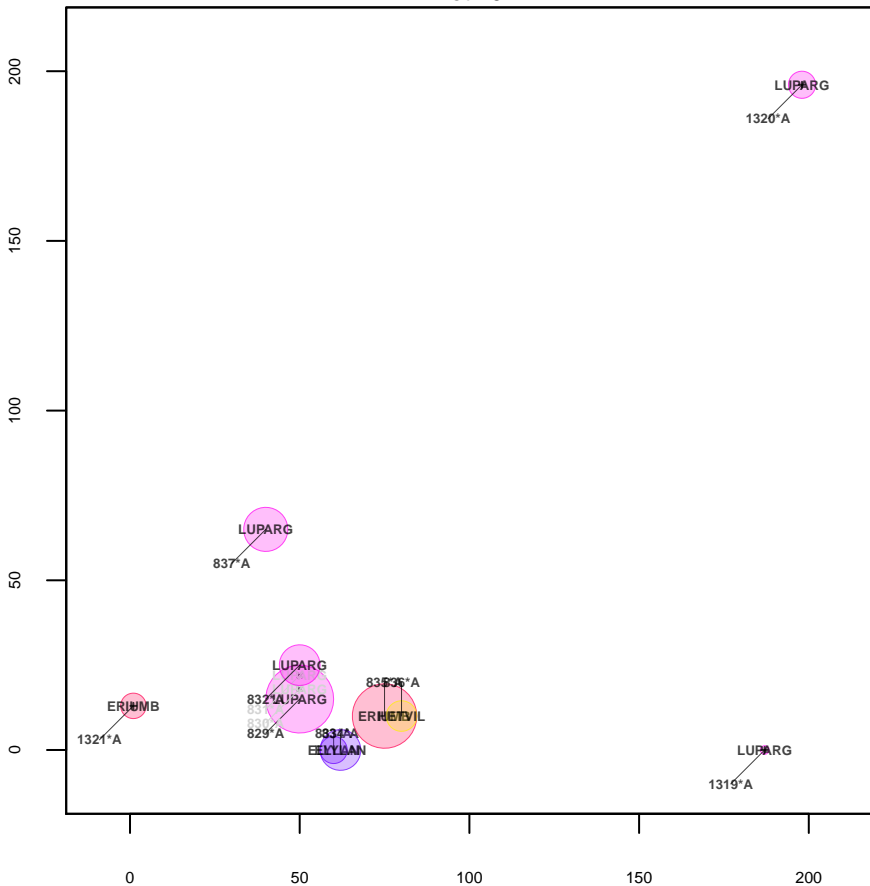
Plot 38



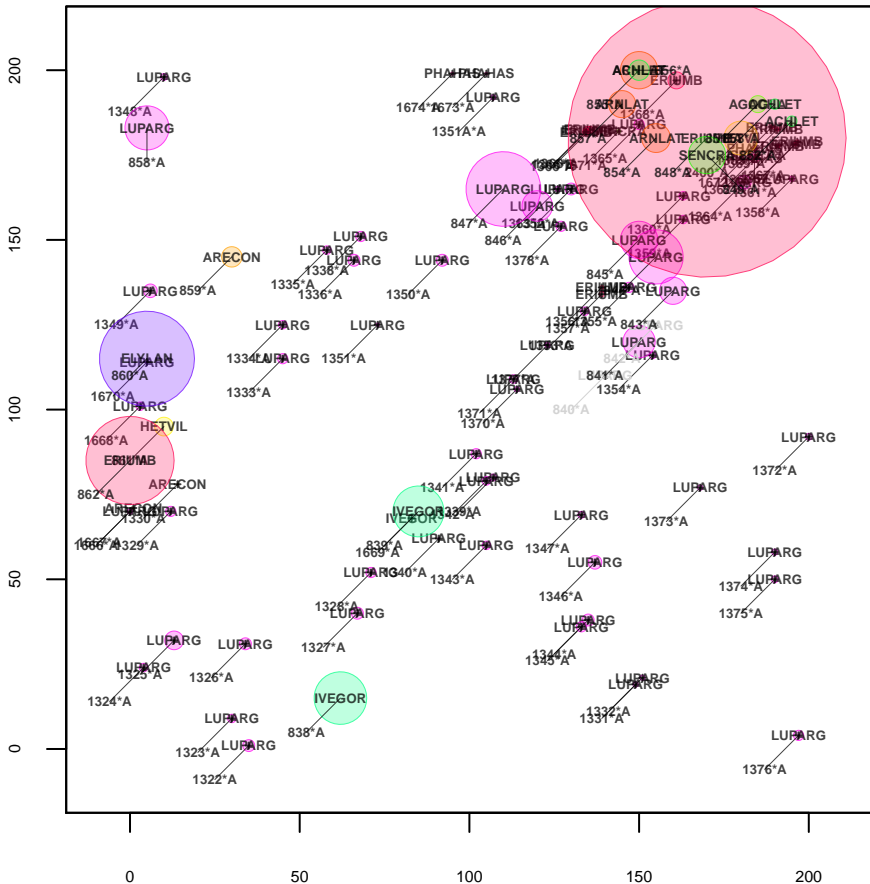
Plot 39



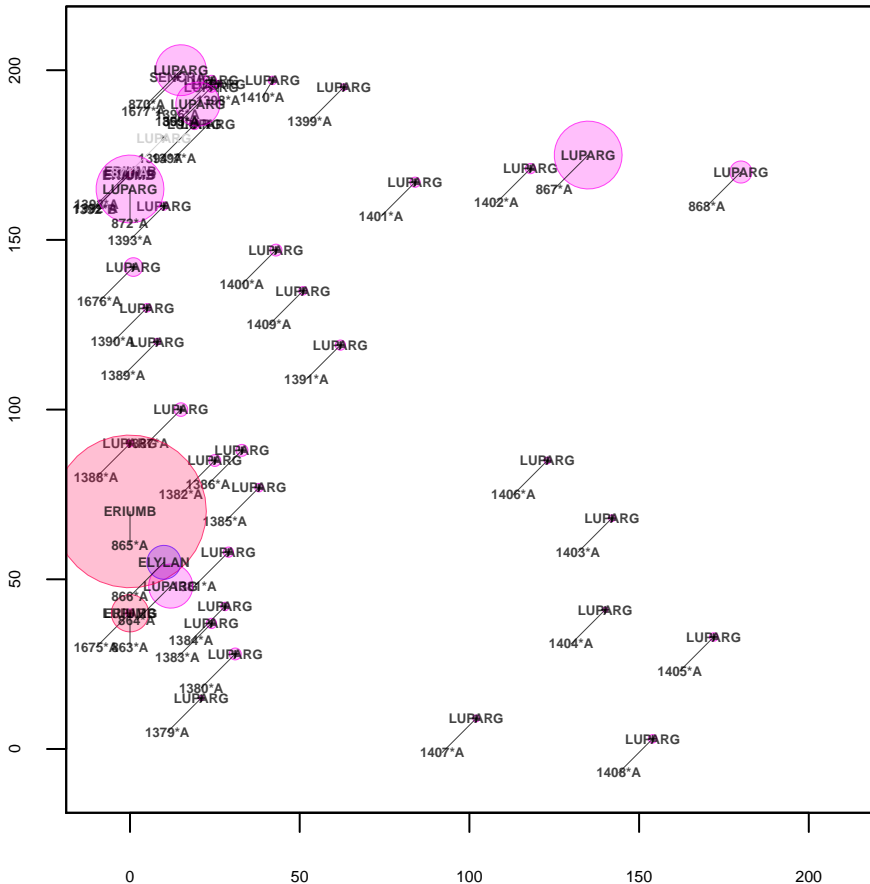
Plot 40



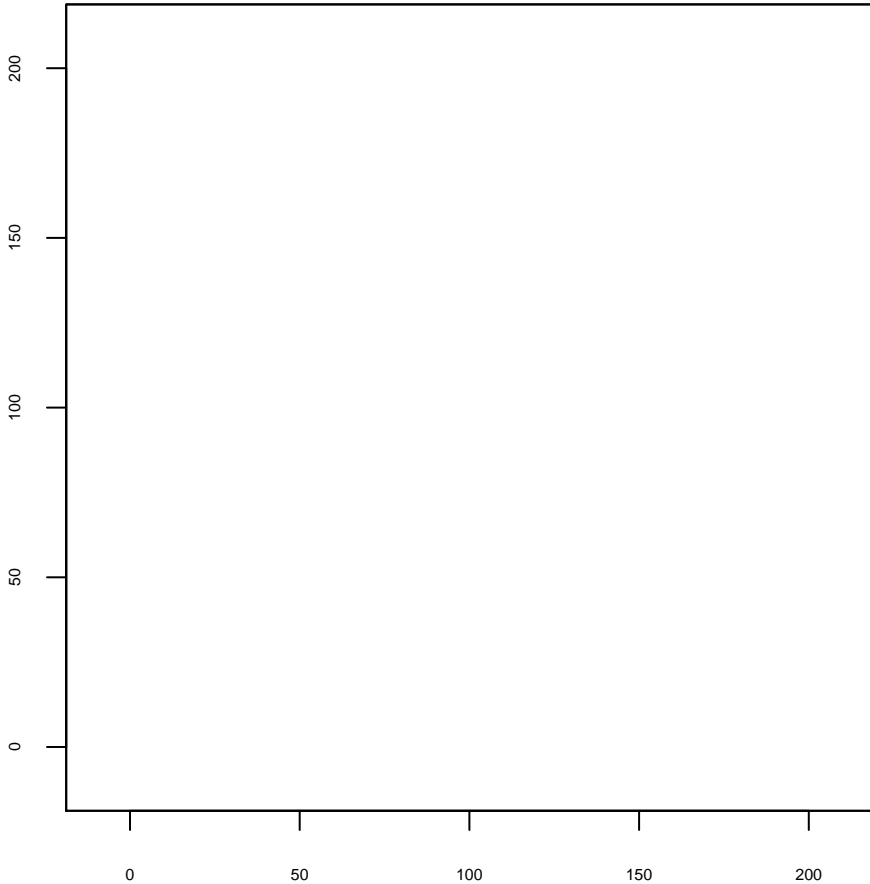
Plot 41



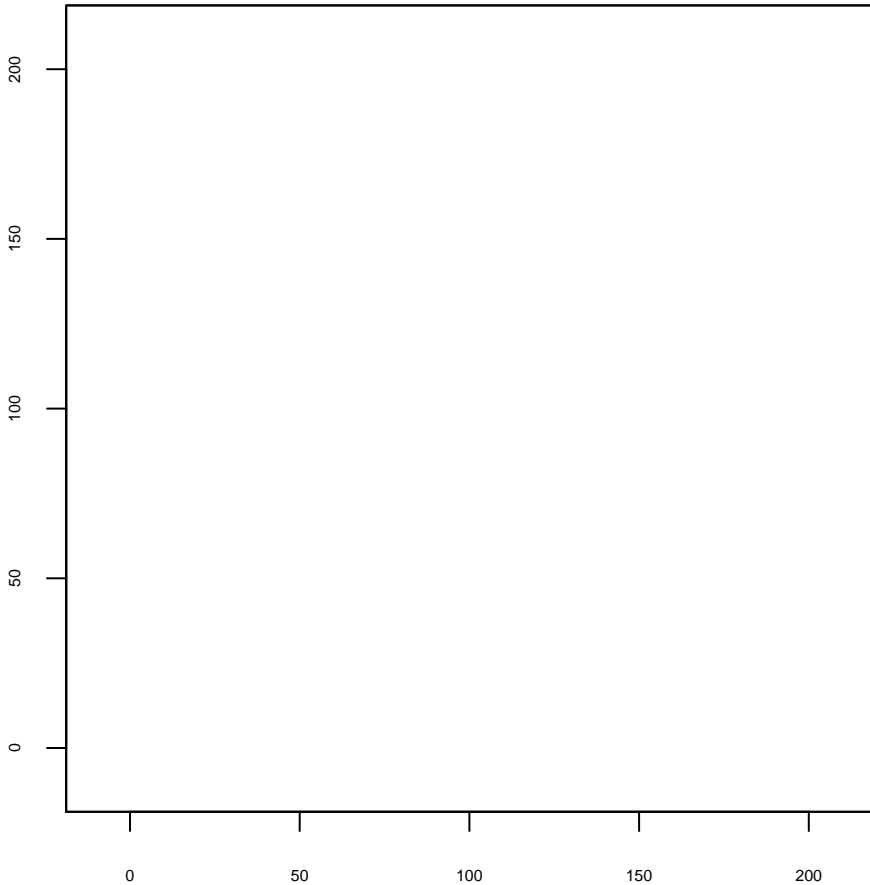
Plot 42



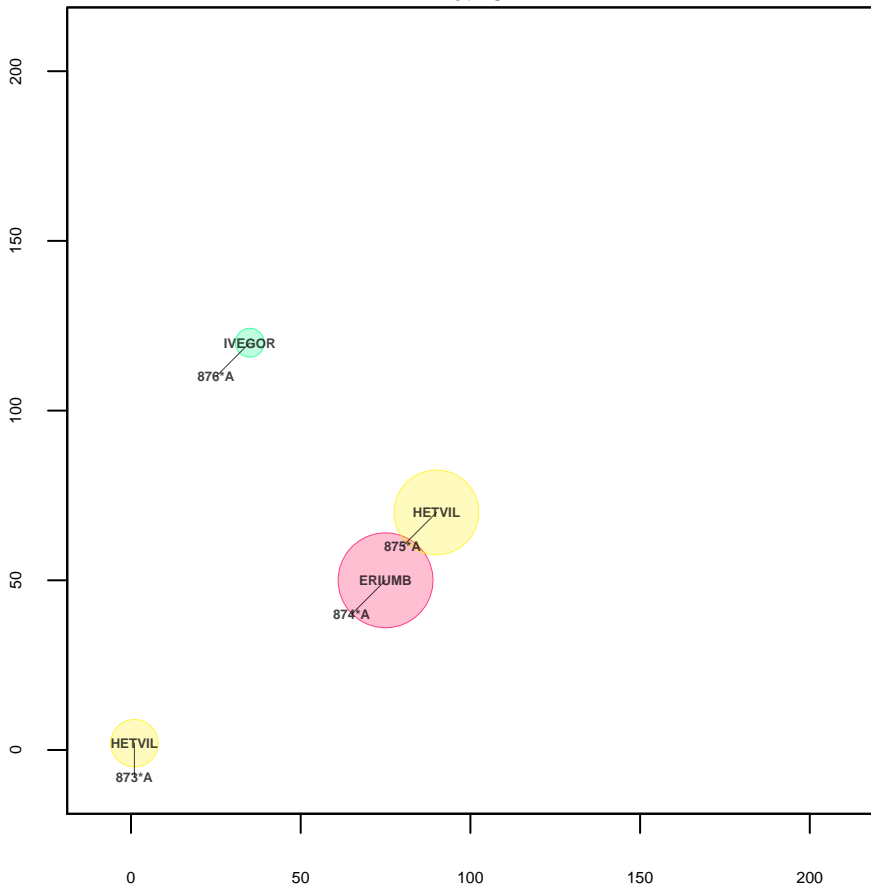
Plot 43



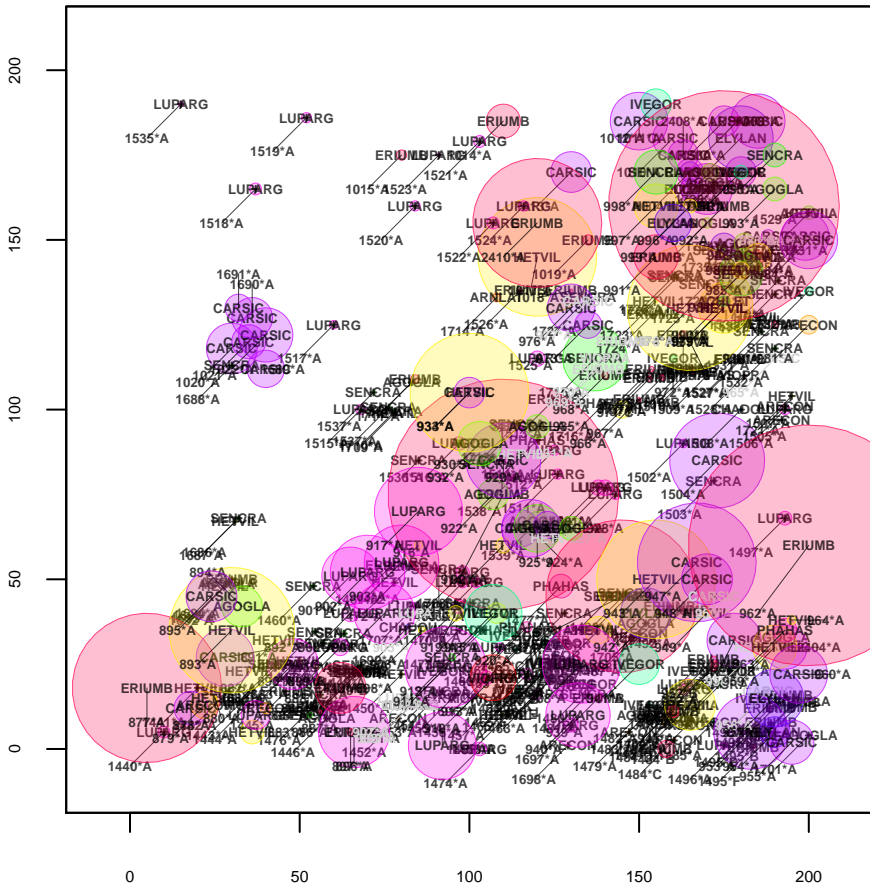
Plot 44



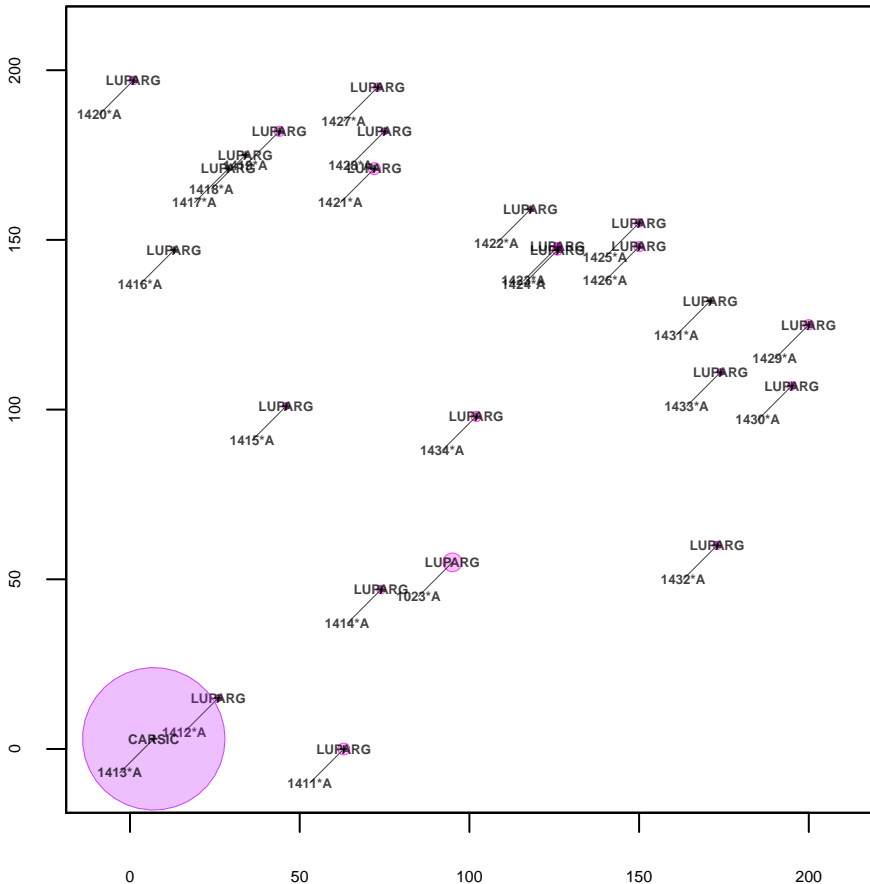
Plot 45



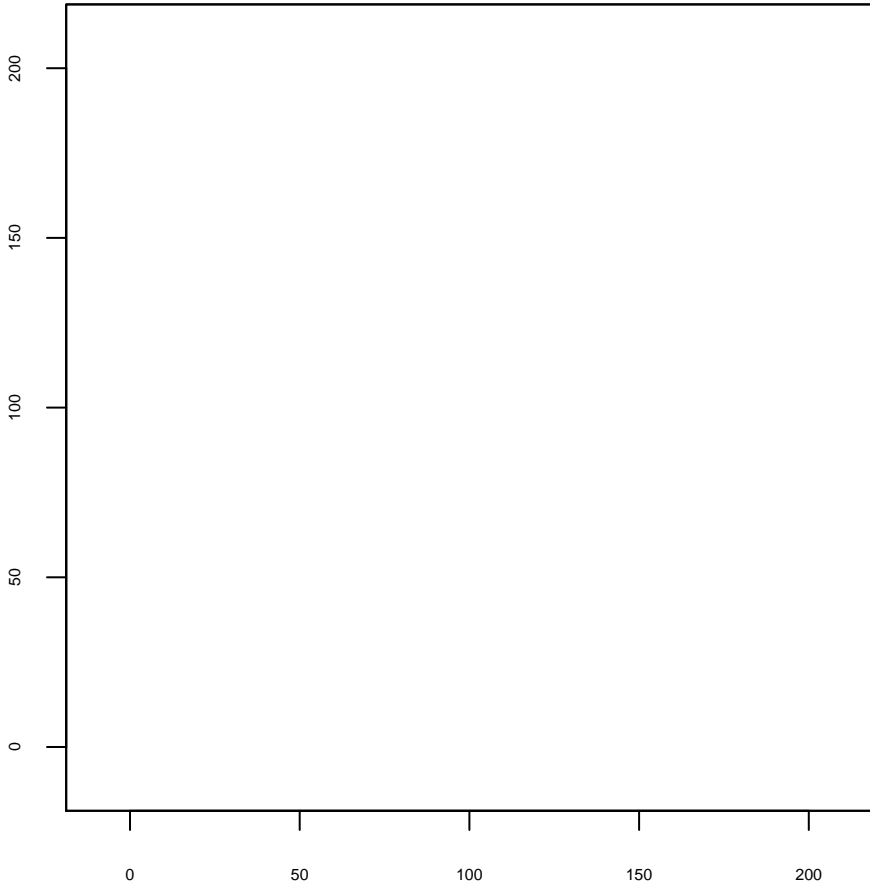
Plot 46



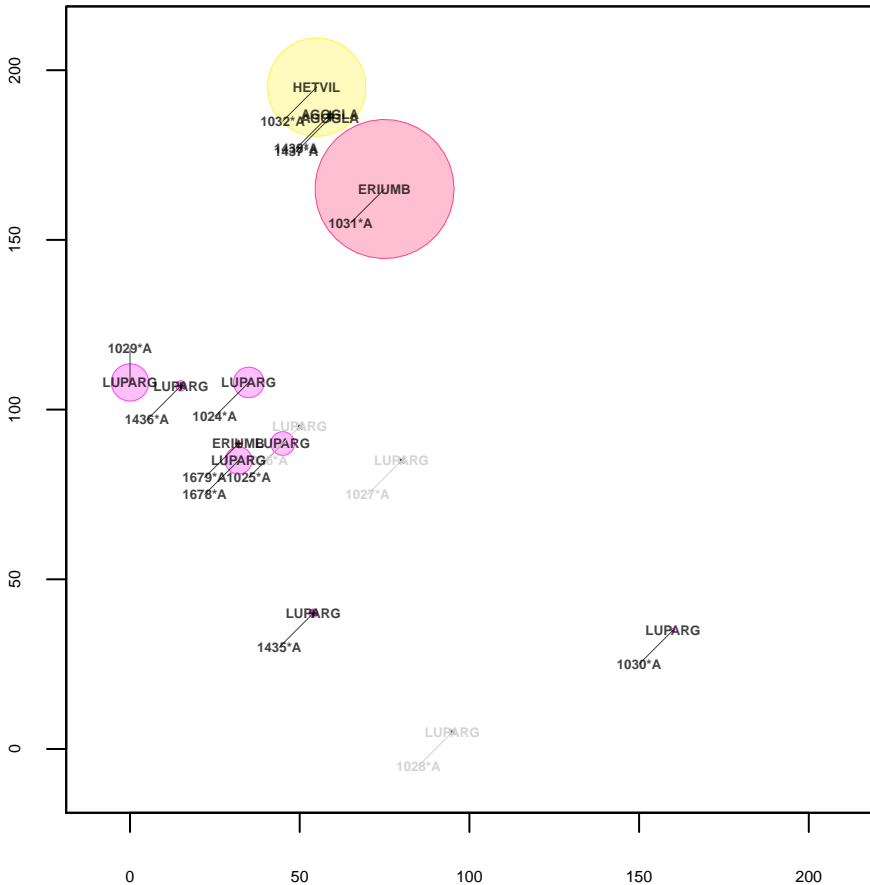
Plot 47



Plot 48



Plot 49



Plot 50

