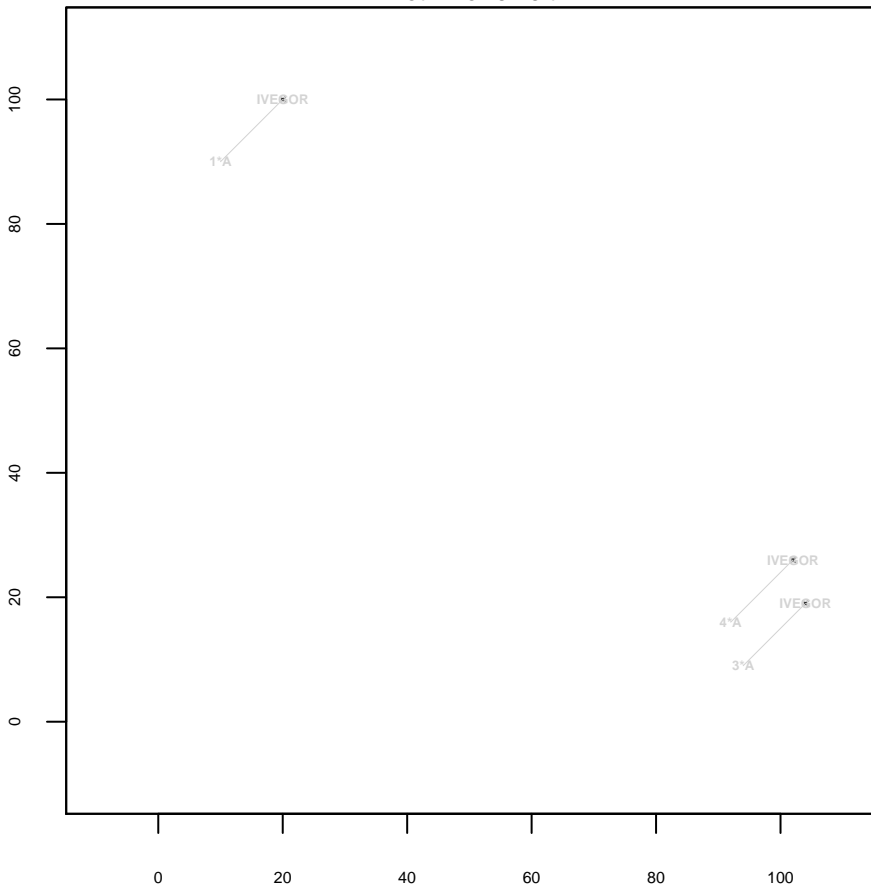
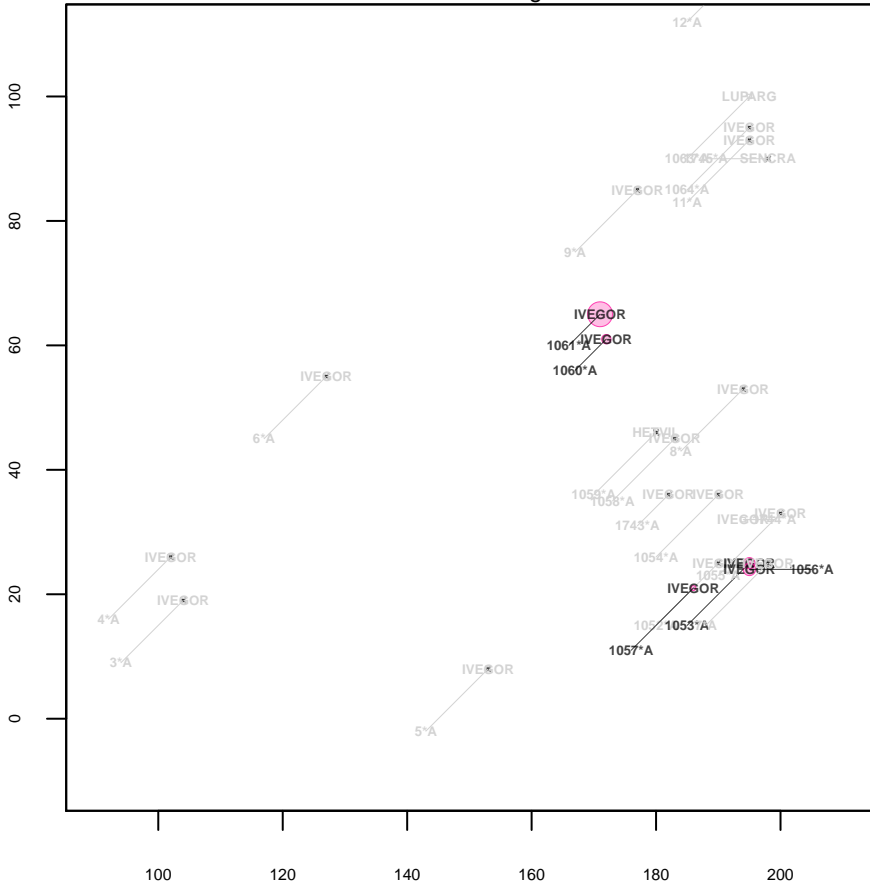


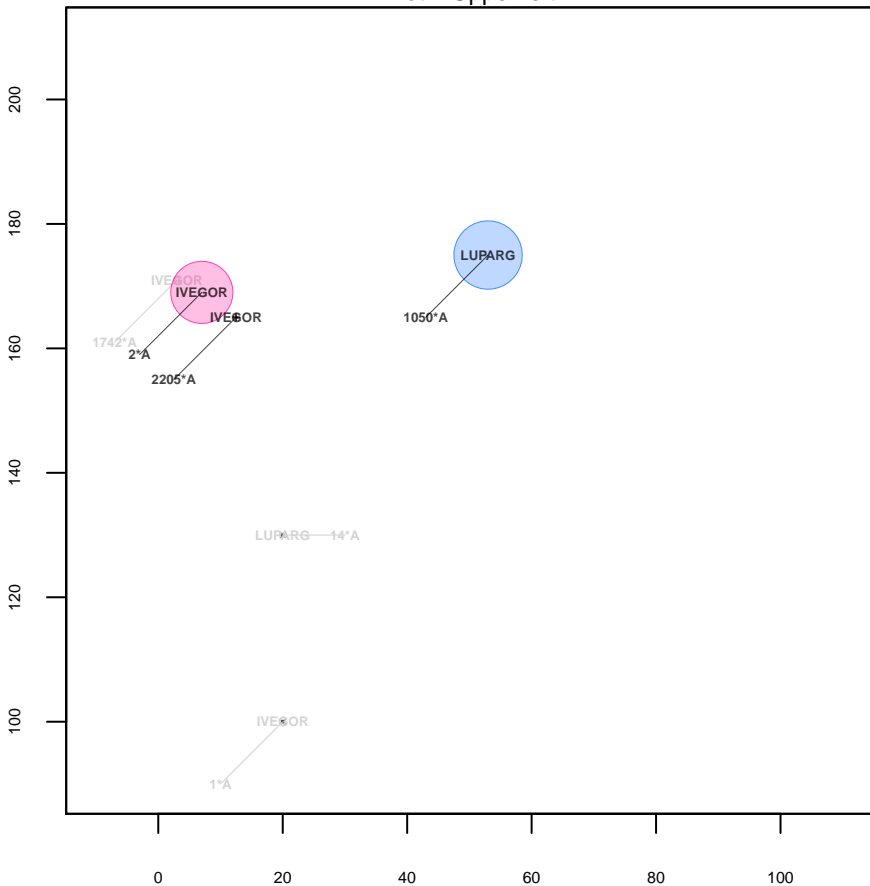
Plot 1 Lower left



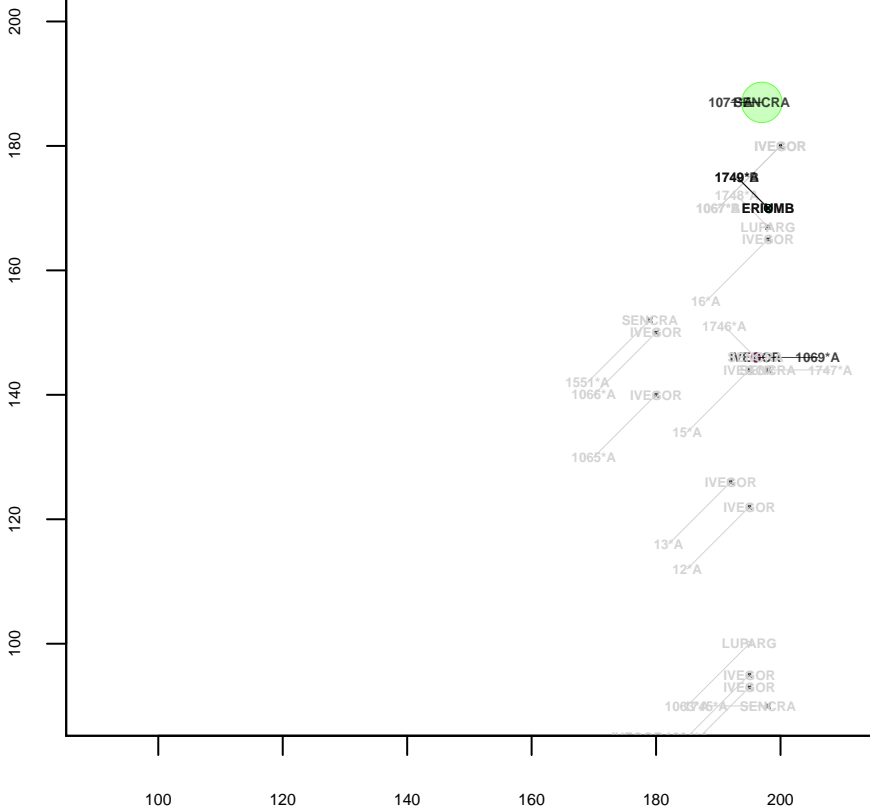
Plot 1 Lower right



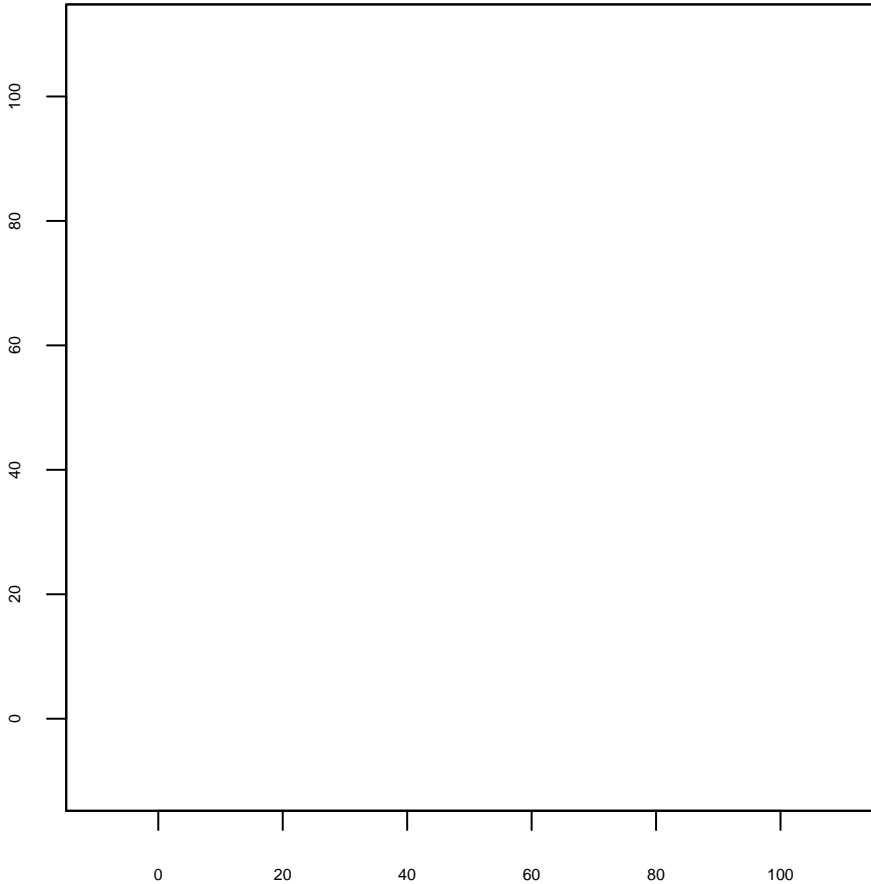
Plot 1 Upper left



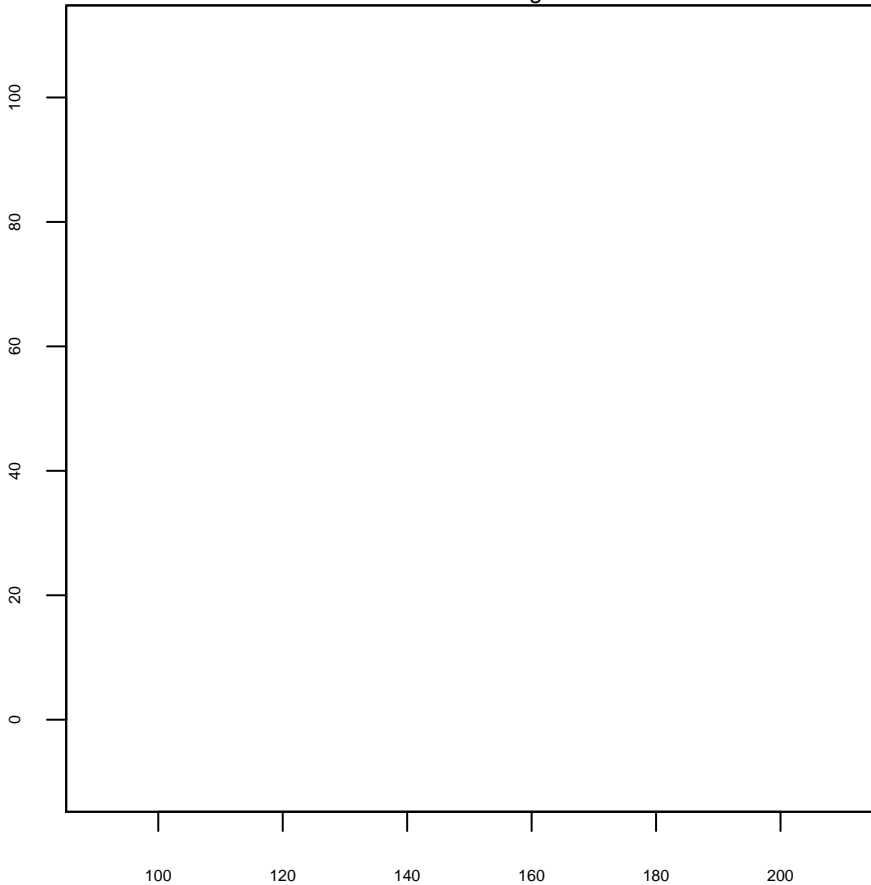
Plot 1 Upper right



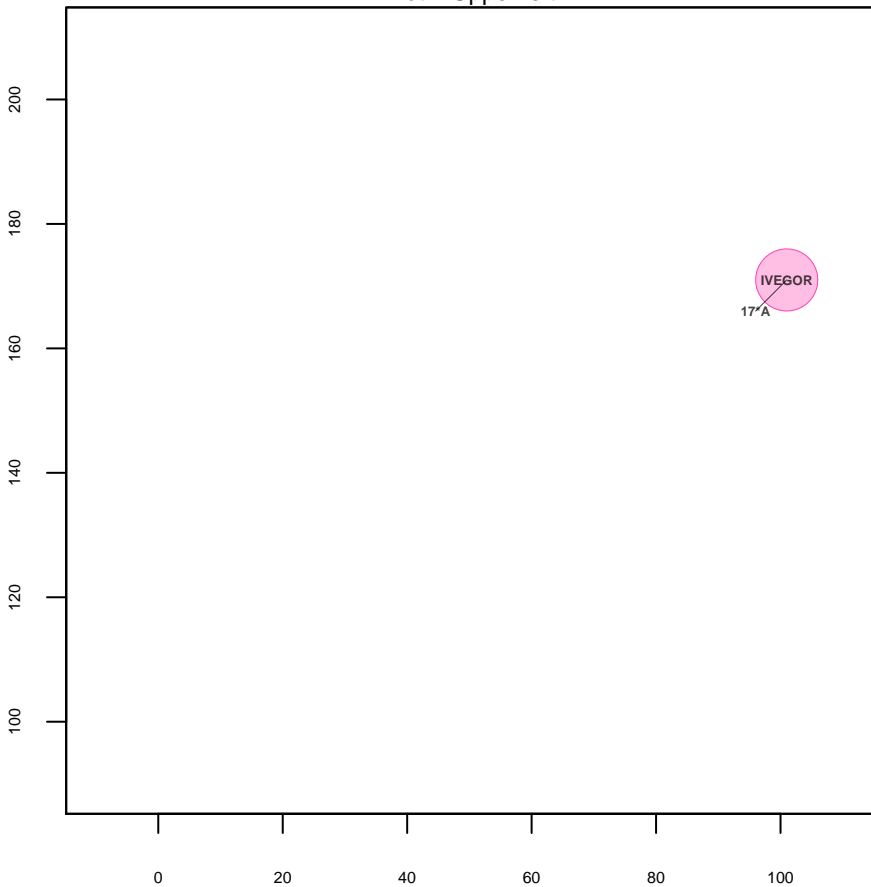
Plot 2 Lower left



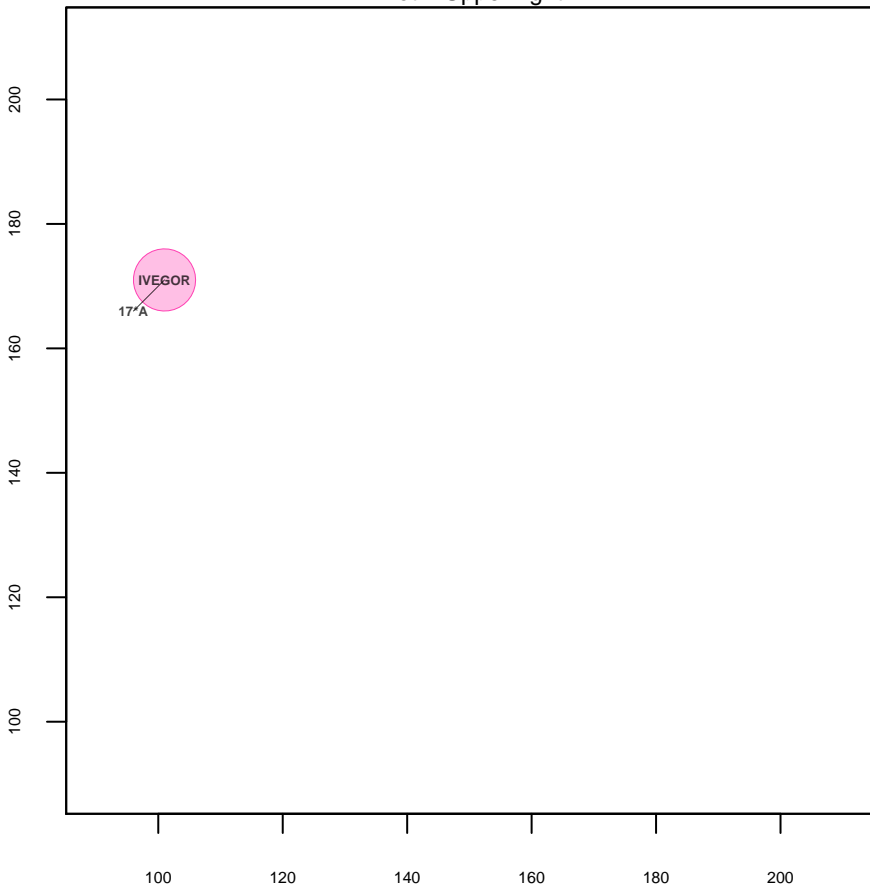
Plot 2 Lower right



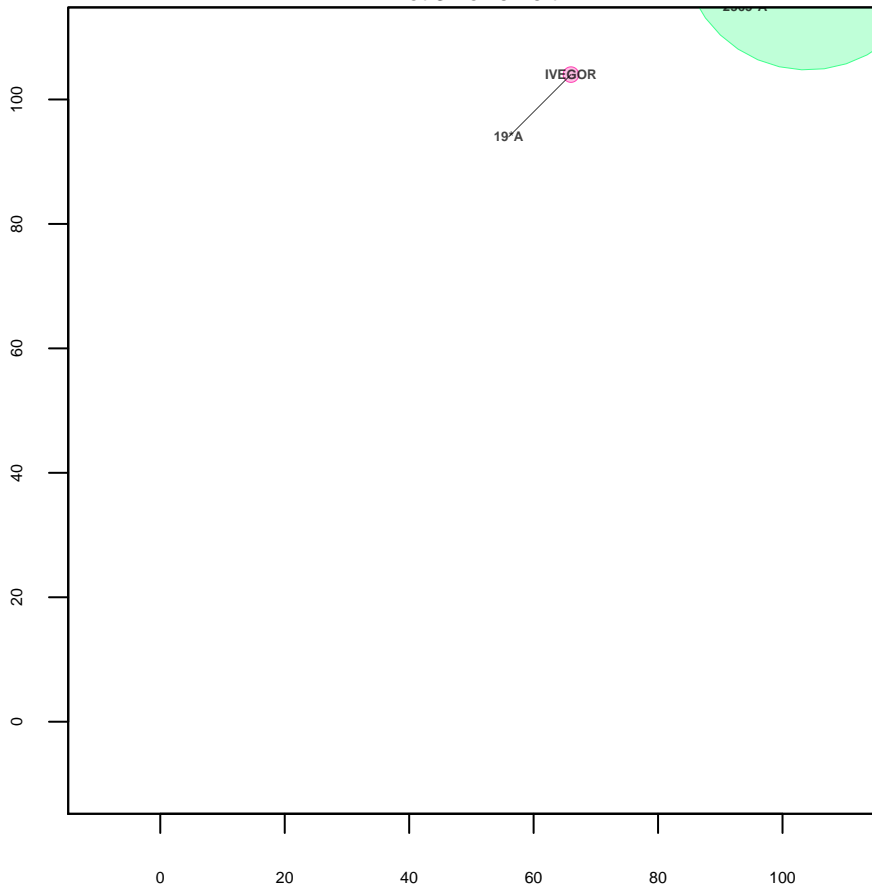
Plot 2 Upper left



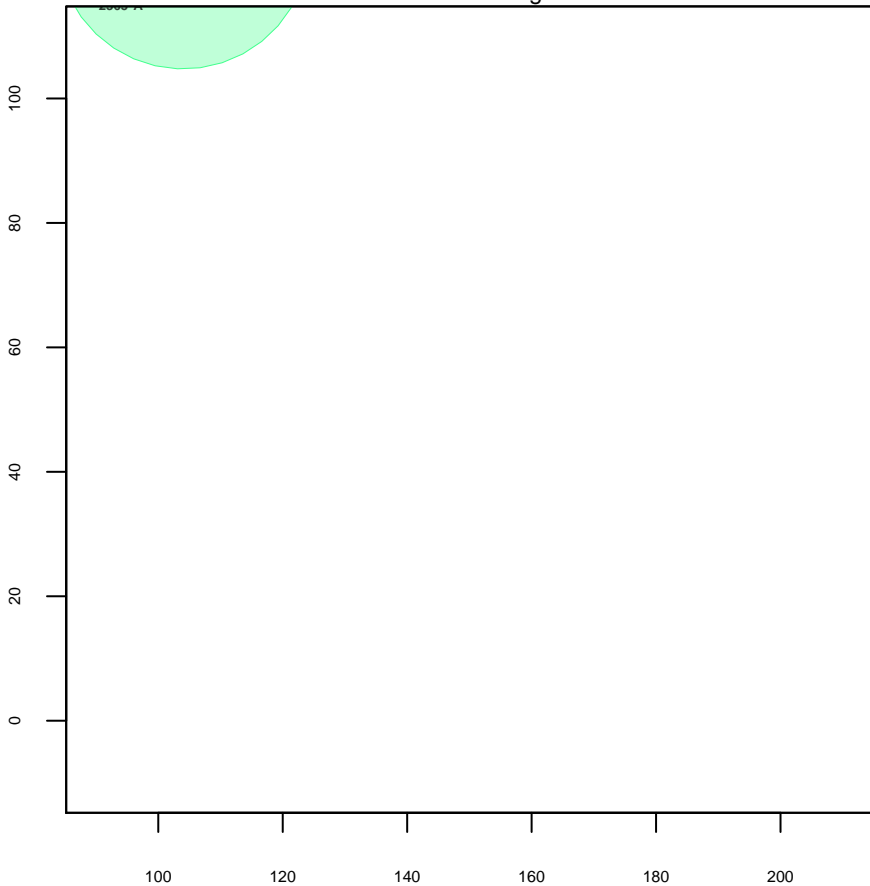
Plot 2 Upper right



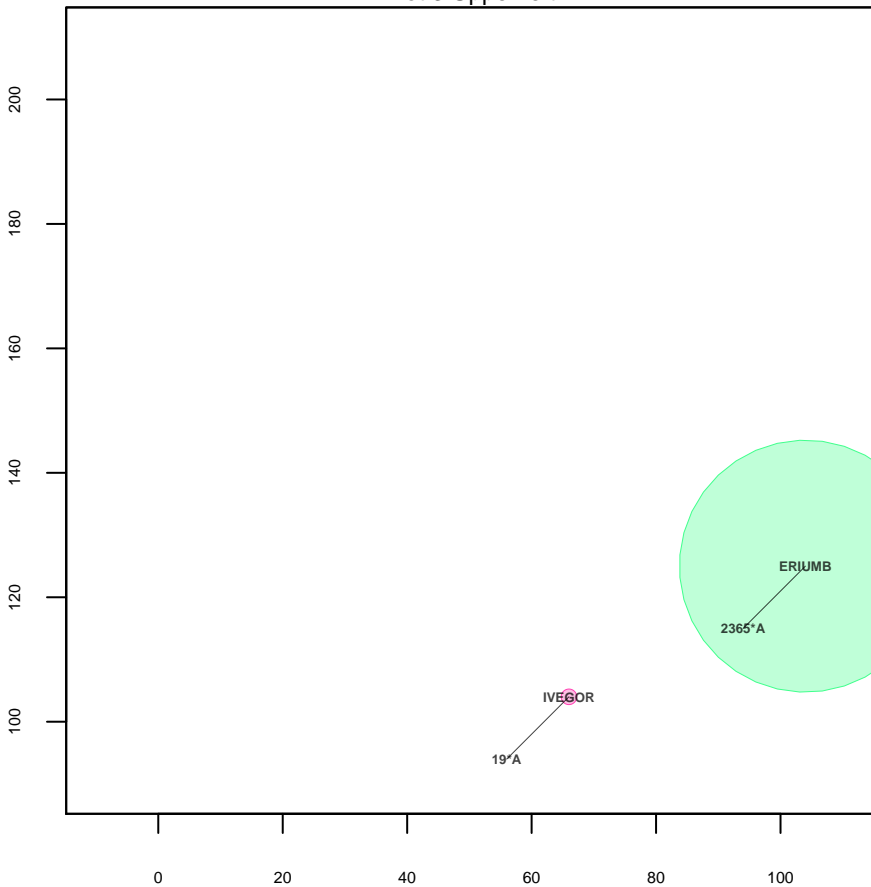
Plot 3 Lower left



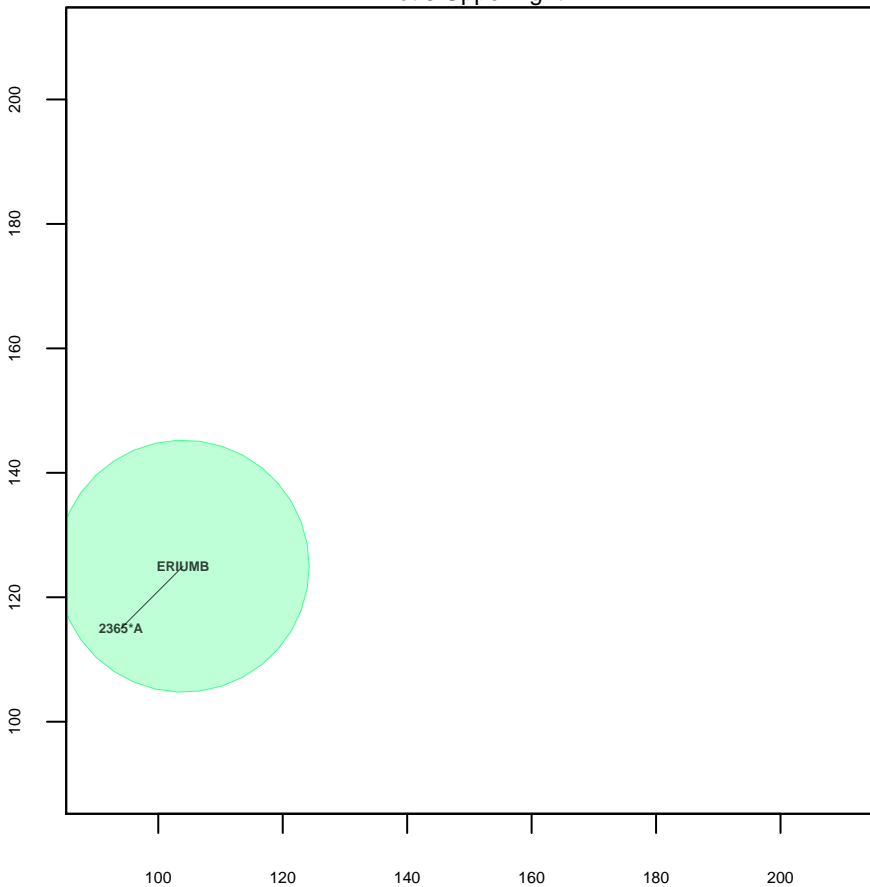
Plot 3 Lower right



Plot 3 Upper left



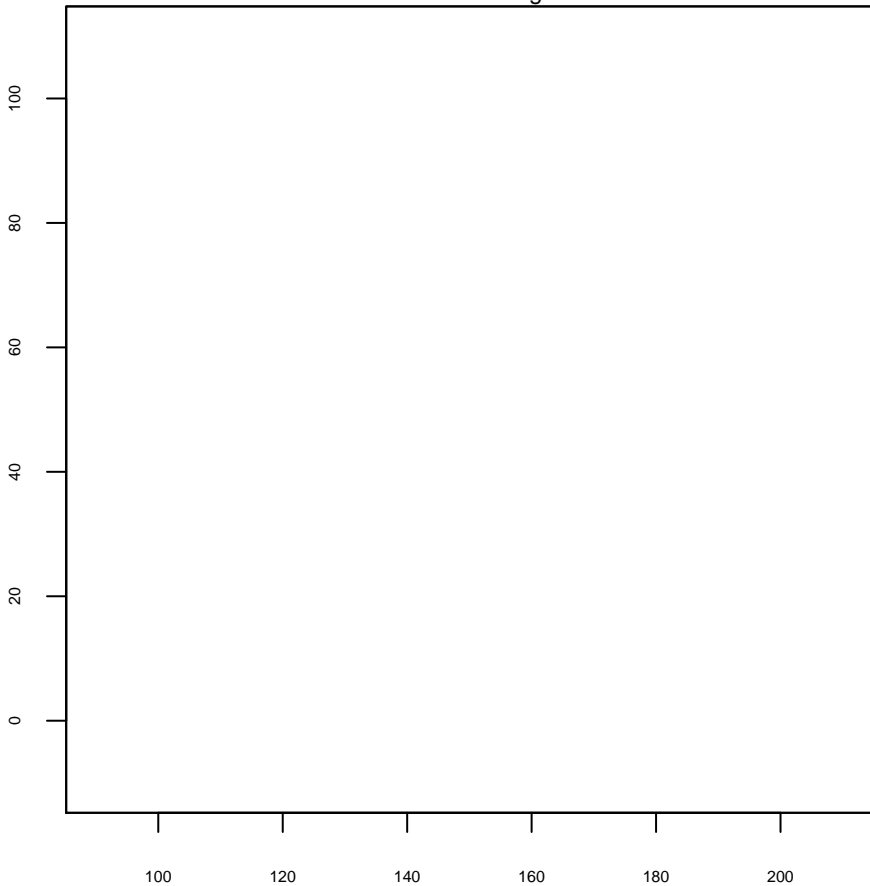
Plot 3 Upper right



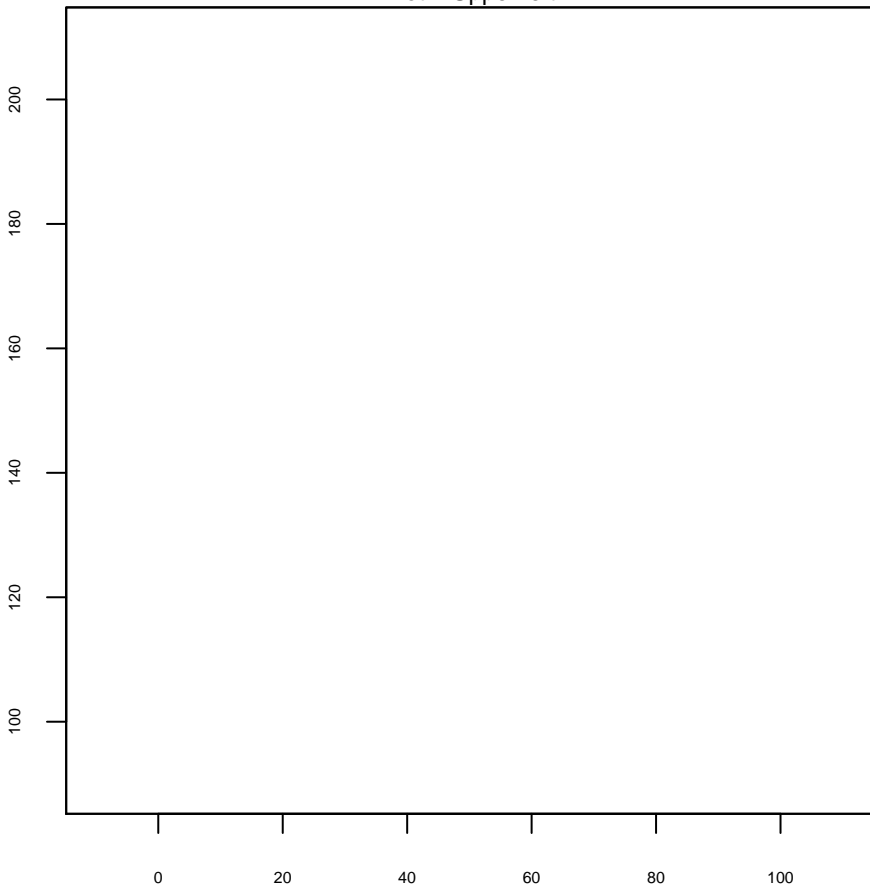
Plot 4 Lower left



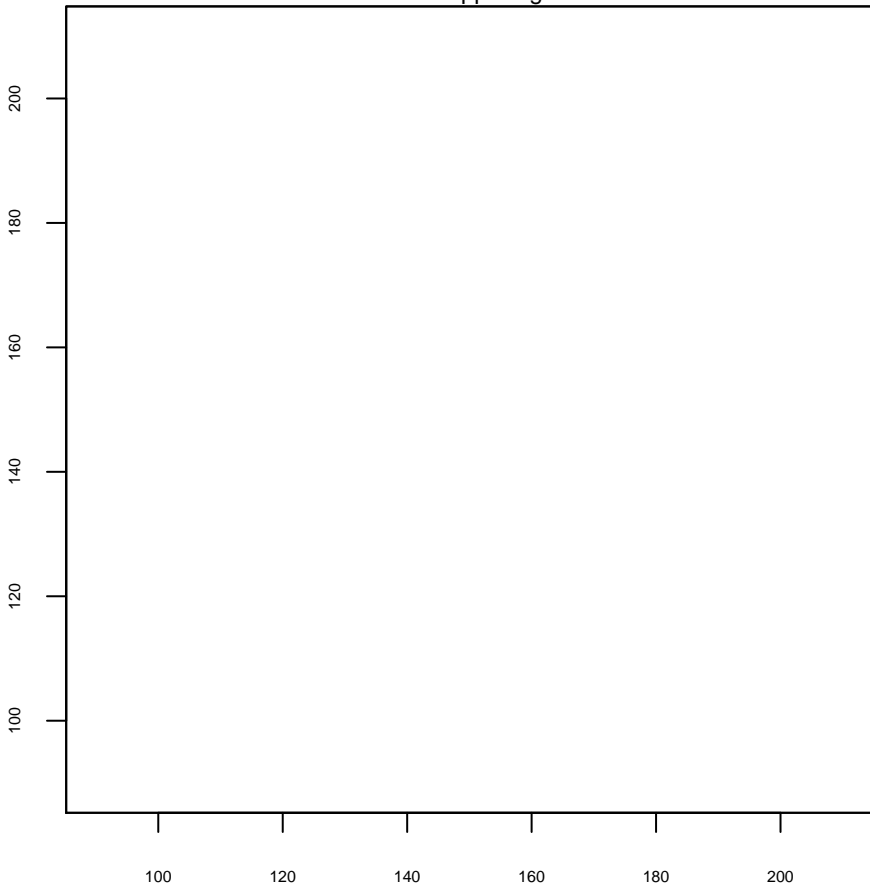
Plot 4 Lower right



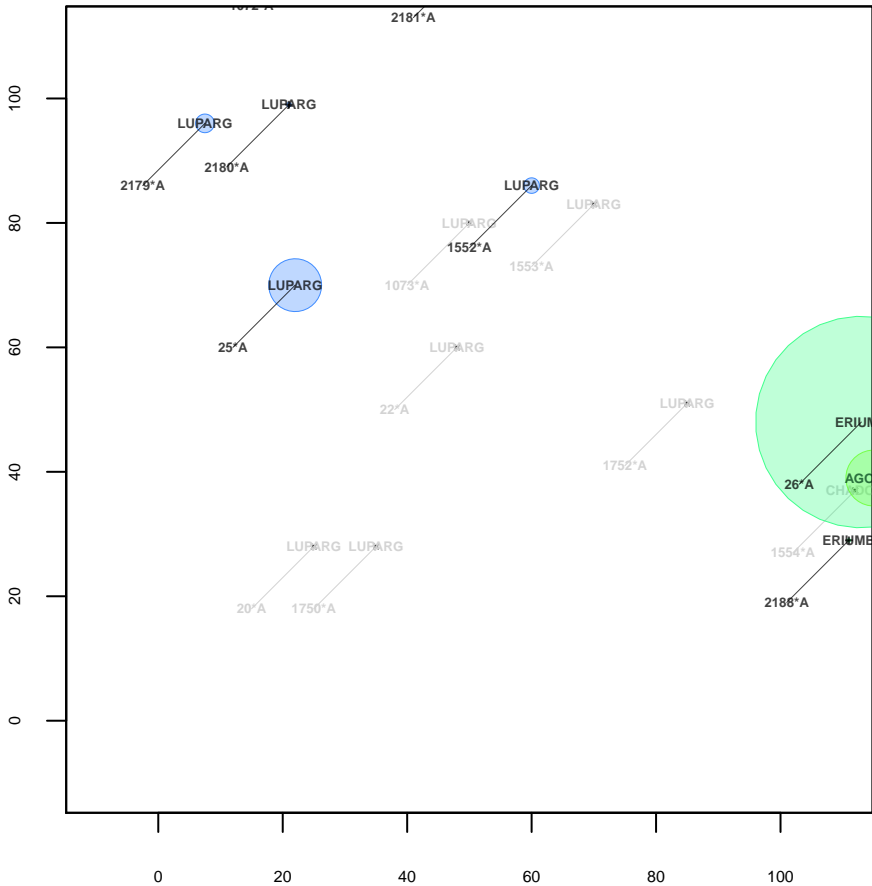
Plot 4 Upper left



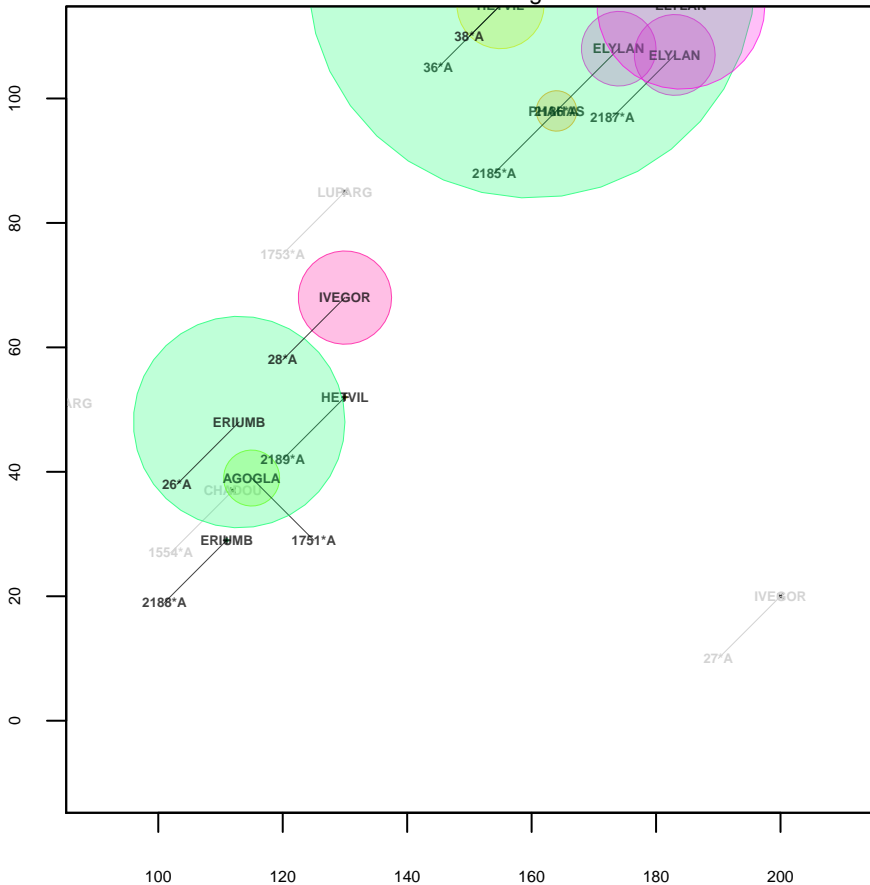
Plot 4 Upper right



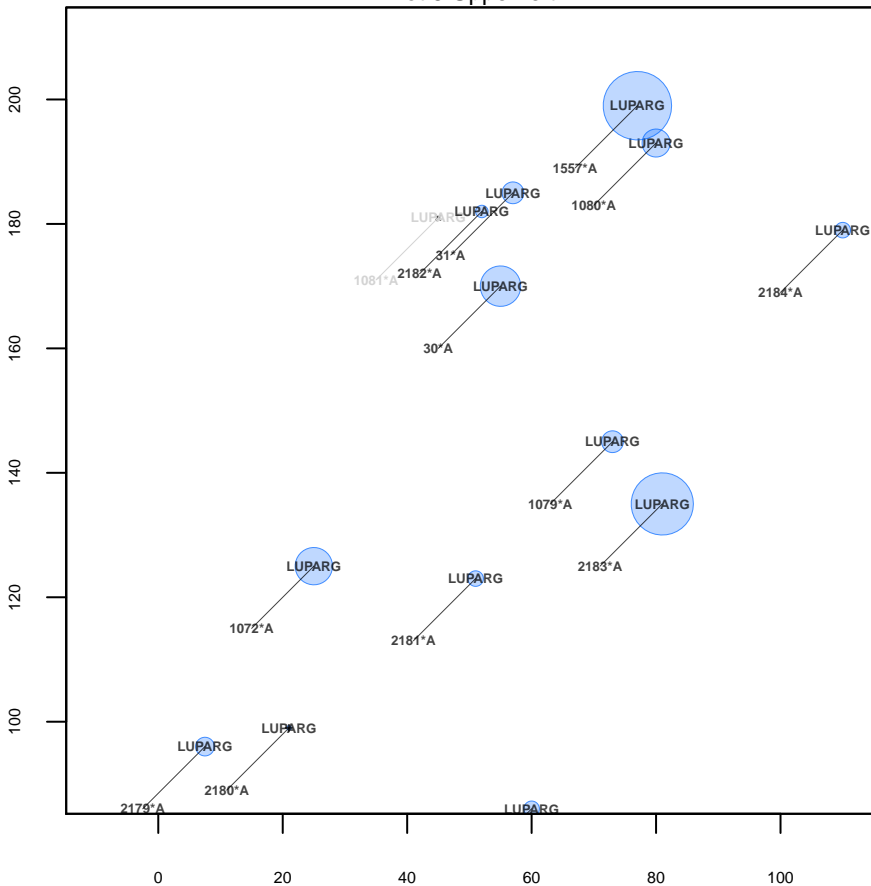
Plot 5 Lower left



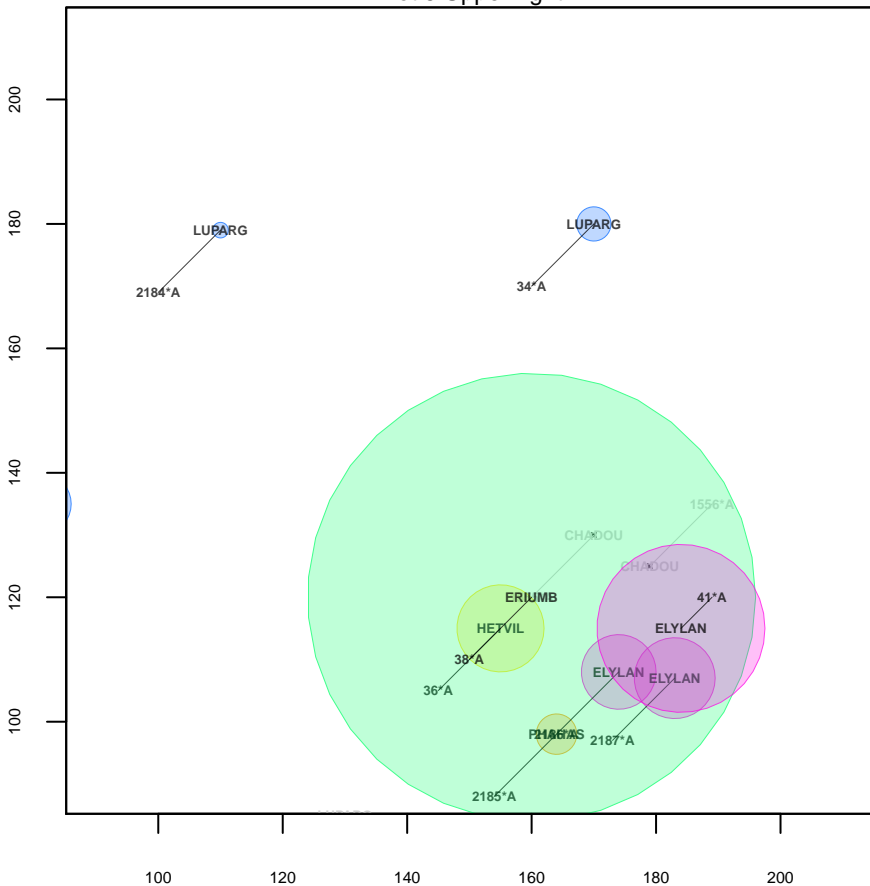
Plot 5 Lower right



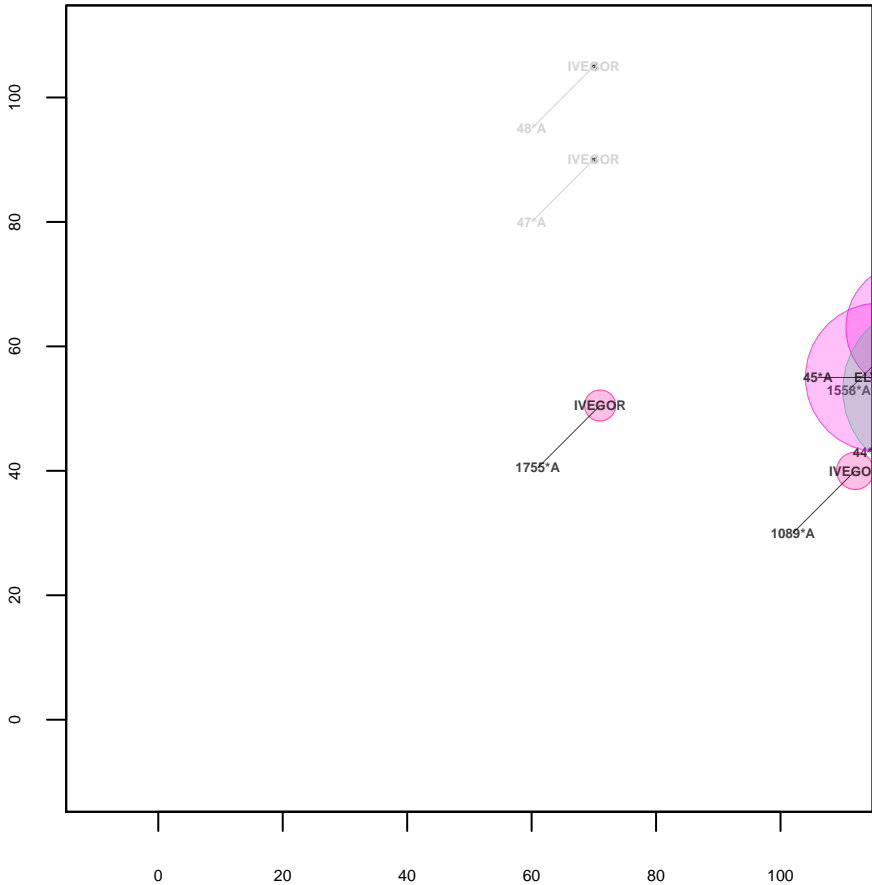
Plot 5 Upper left



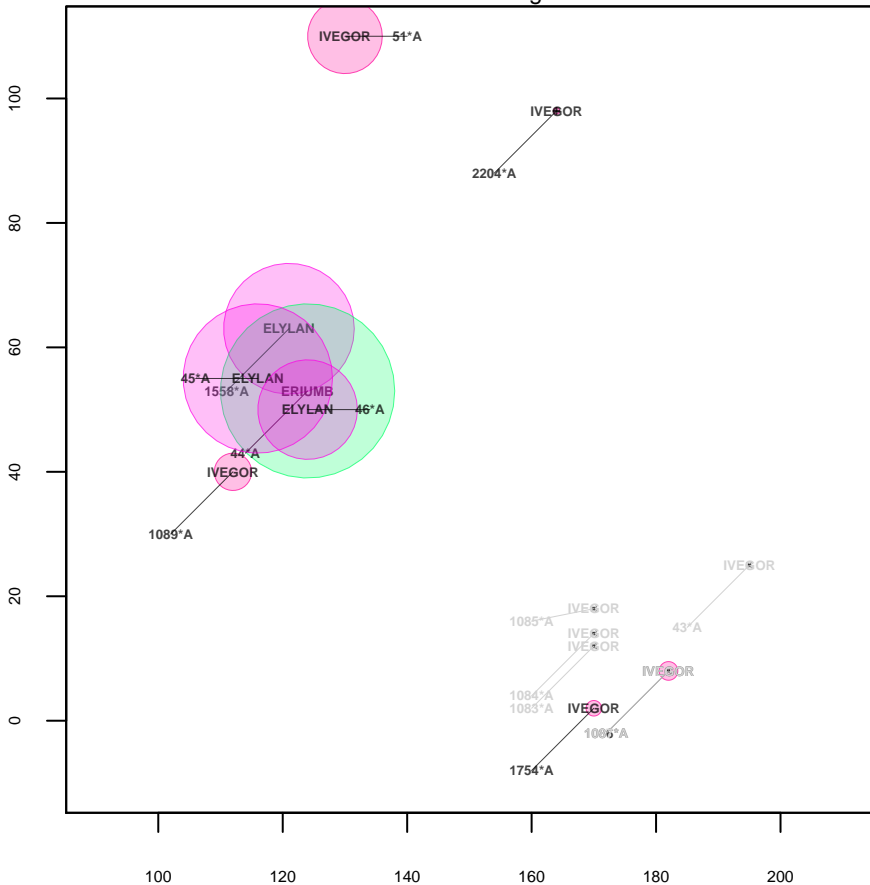
Plot 5 Upper right



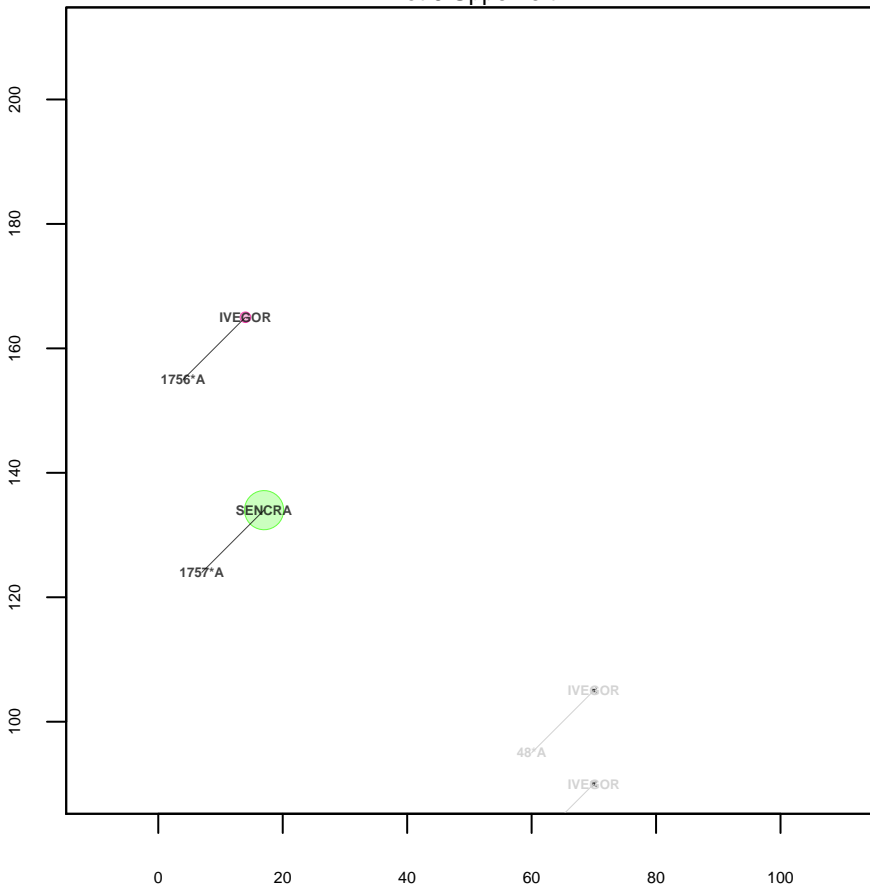
Plot 6 Lower left



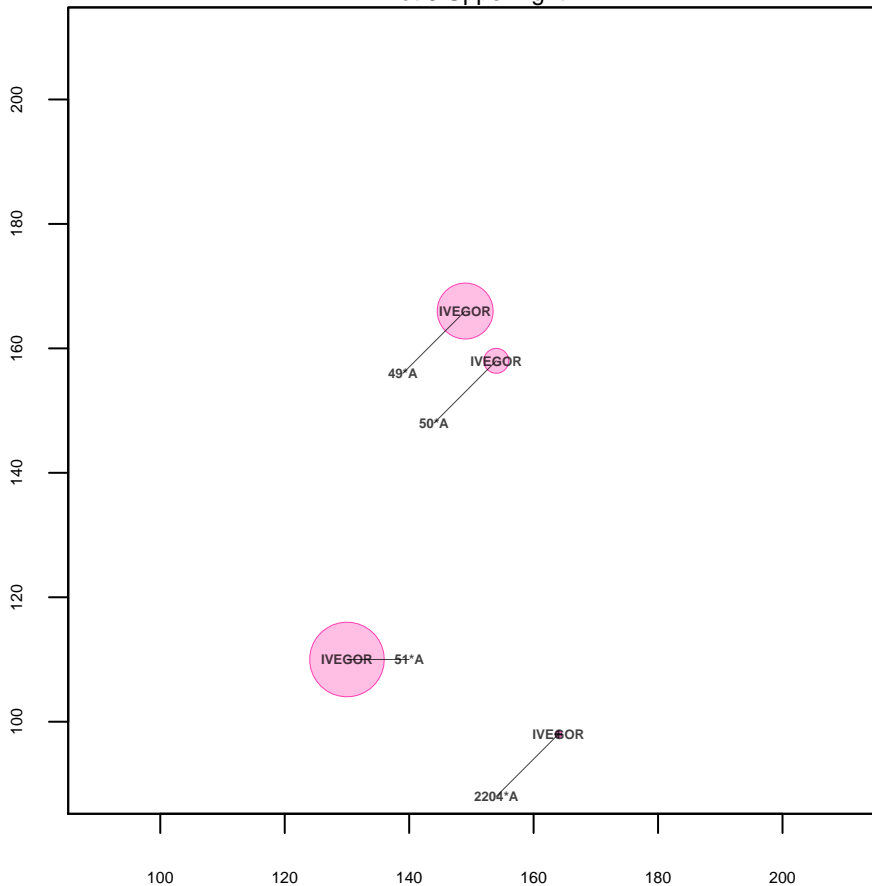
Plot 6 Lower right



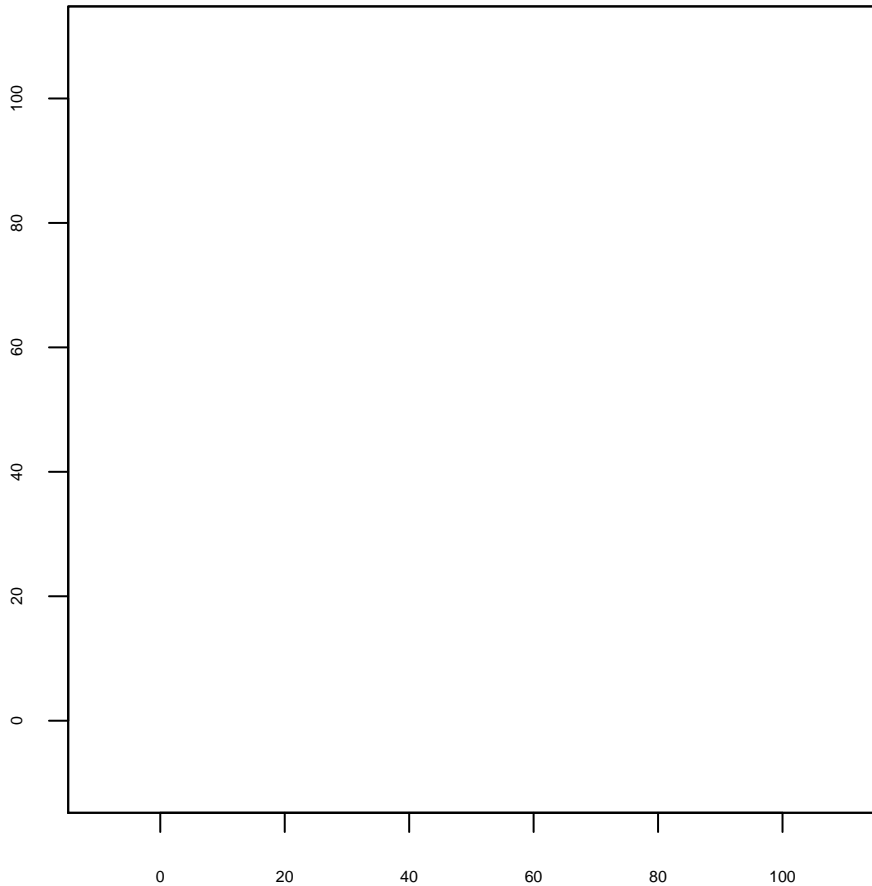
Plot 6 Upper left



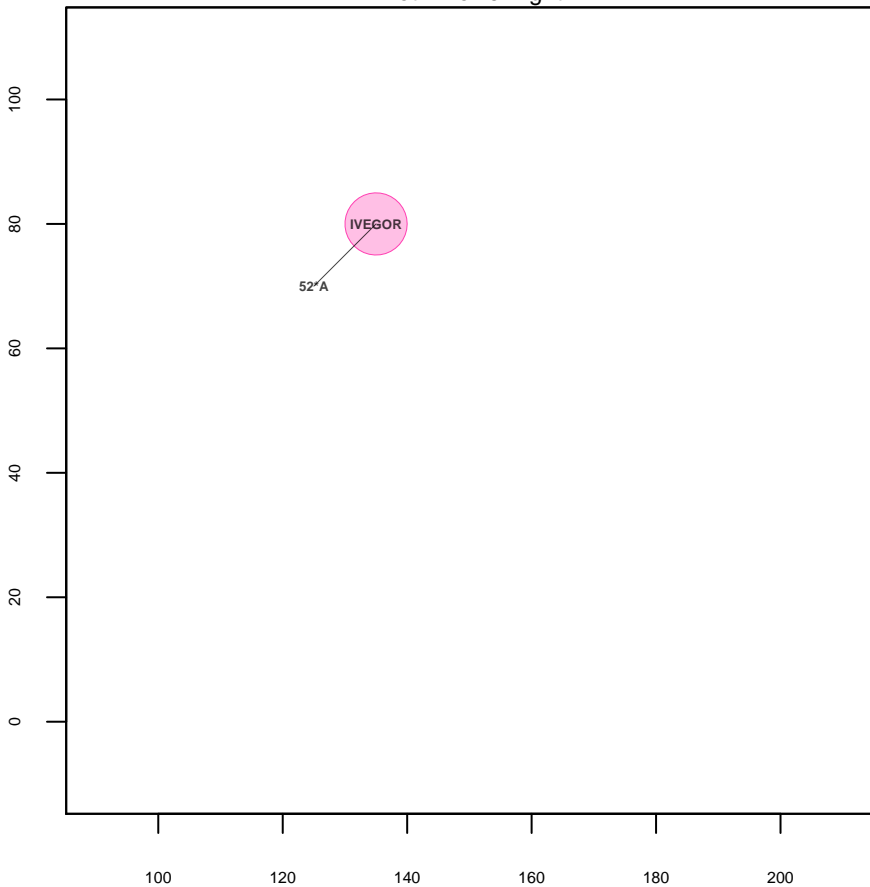
Plot 6 Upper right



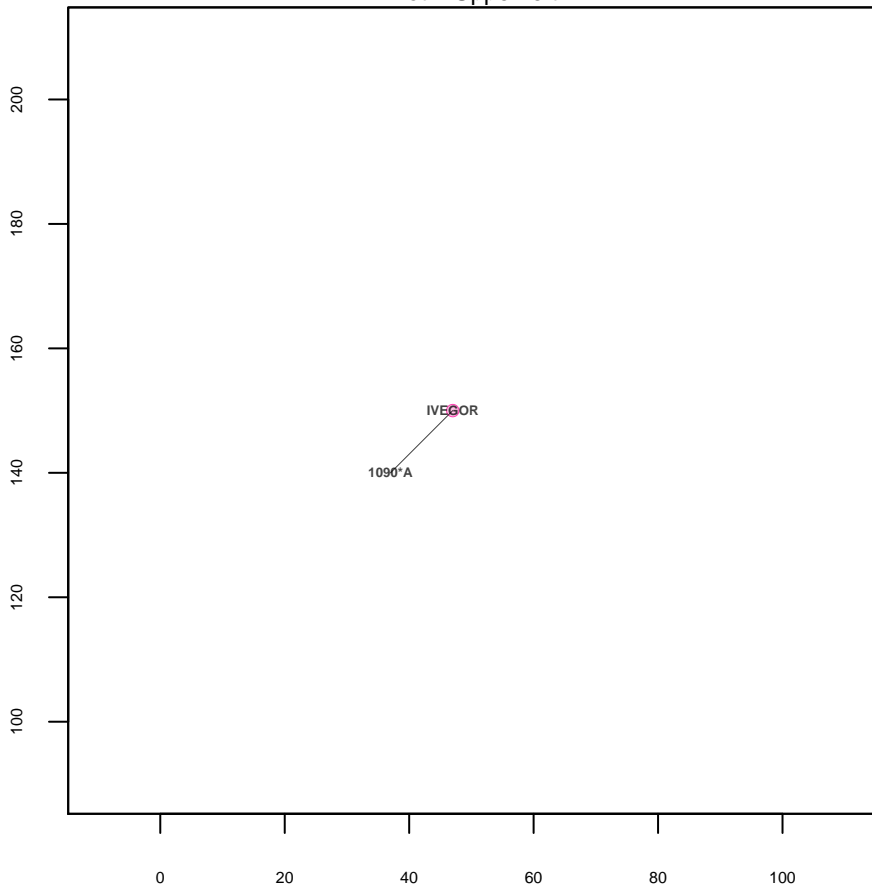
Plot 7 Lower left



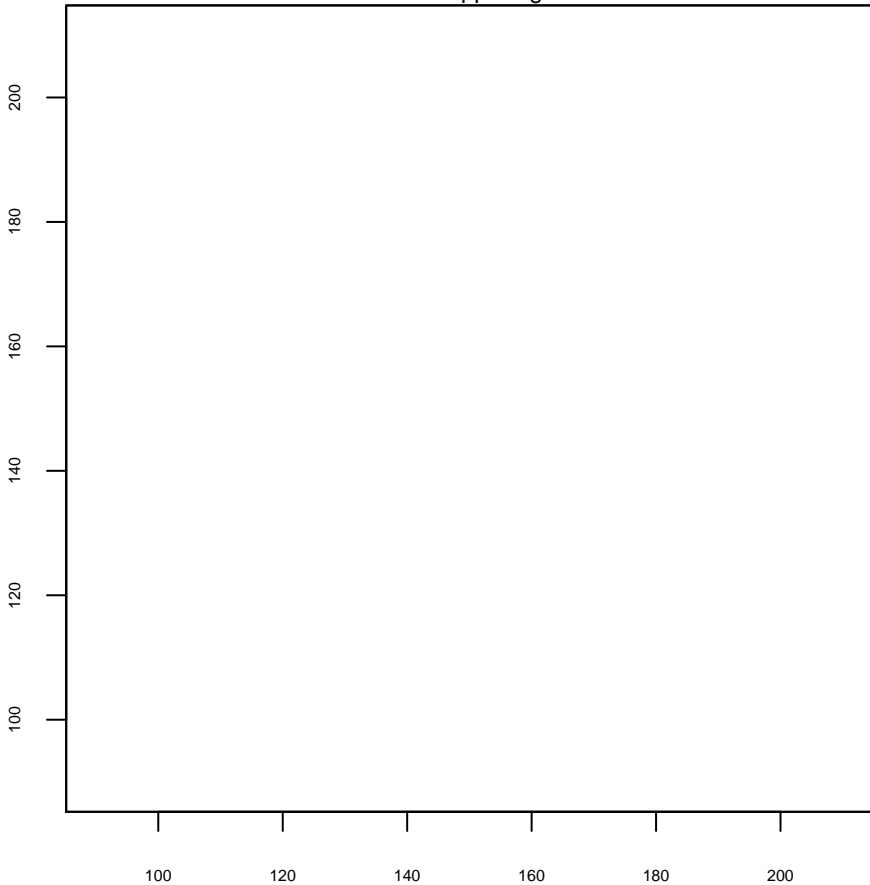
Plot 7 Lower right



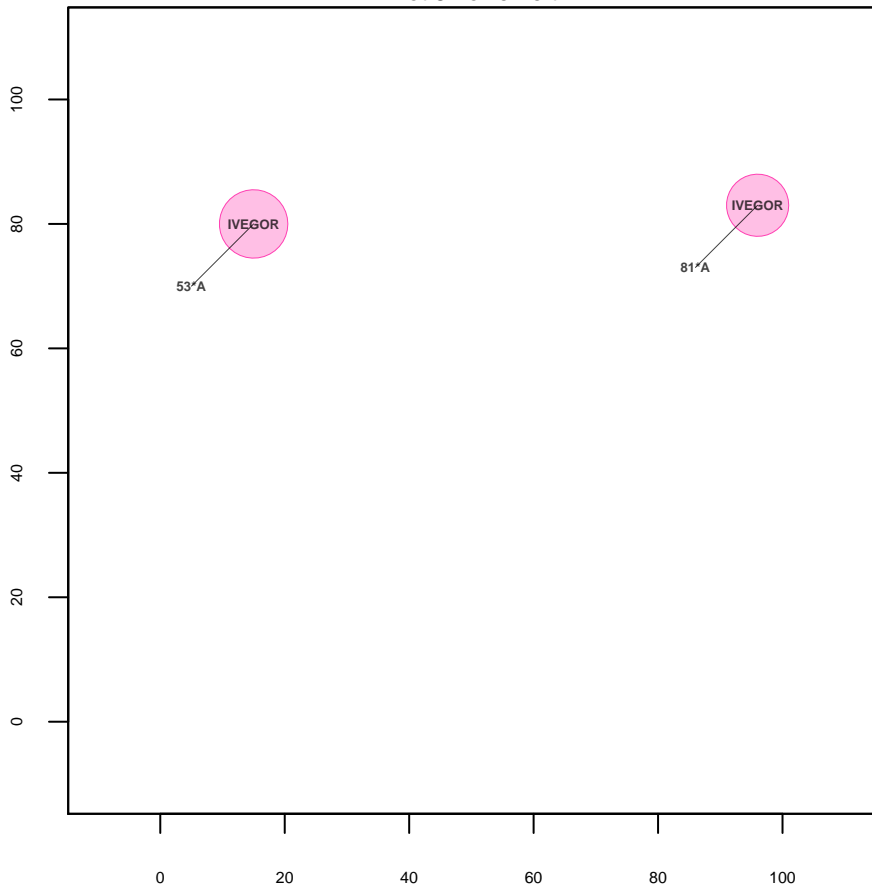
Plot 7 Upper left



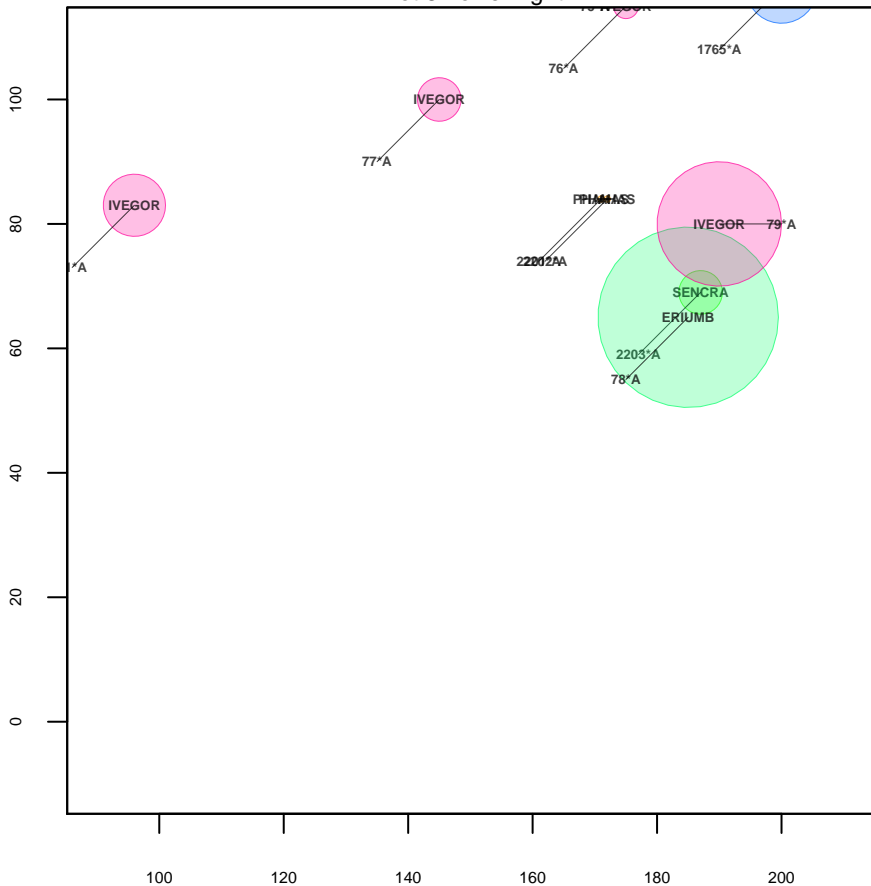
Plot 7 Upper right



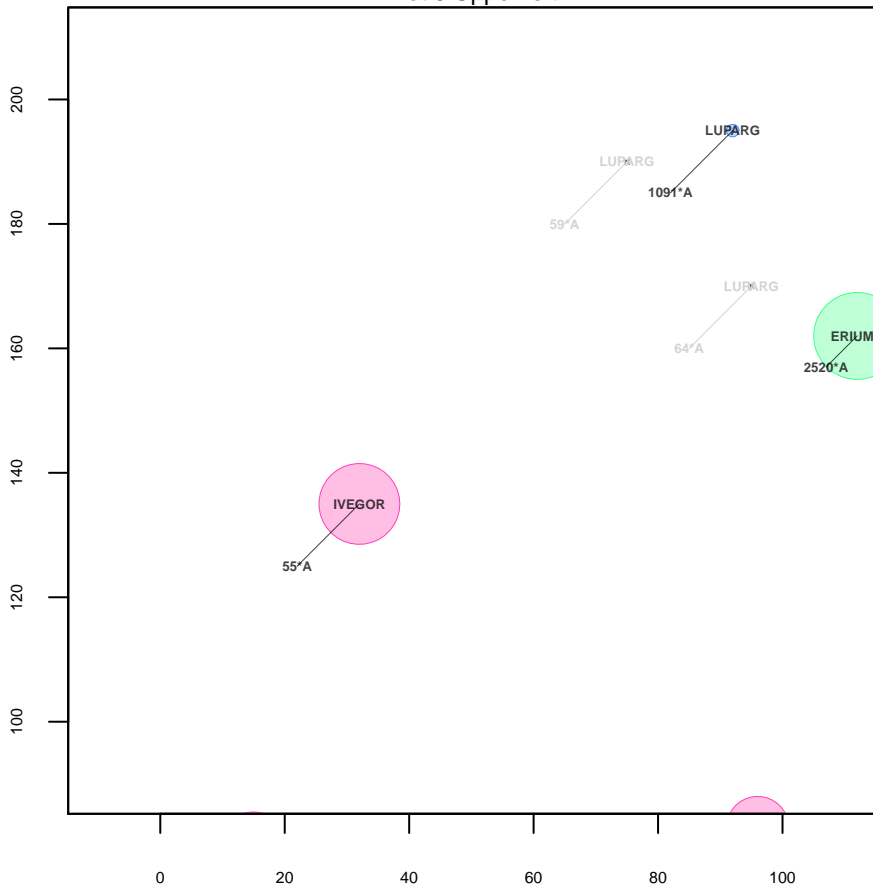
Plot 8 Lower left



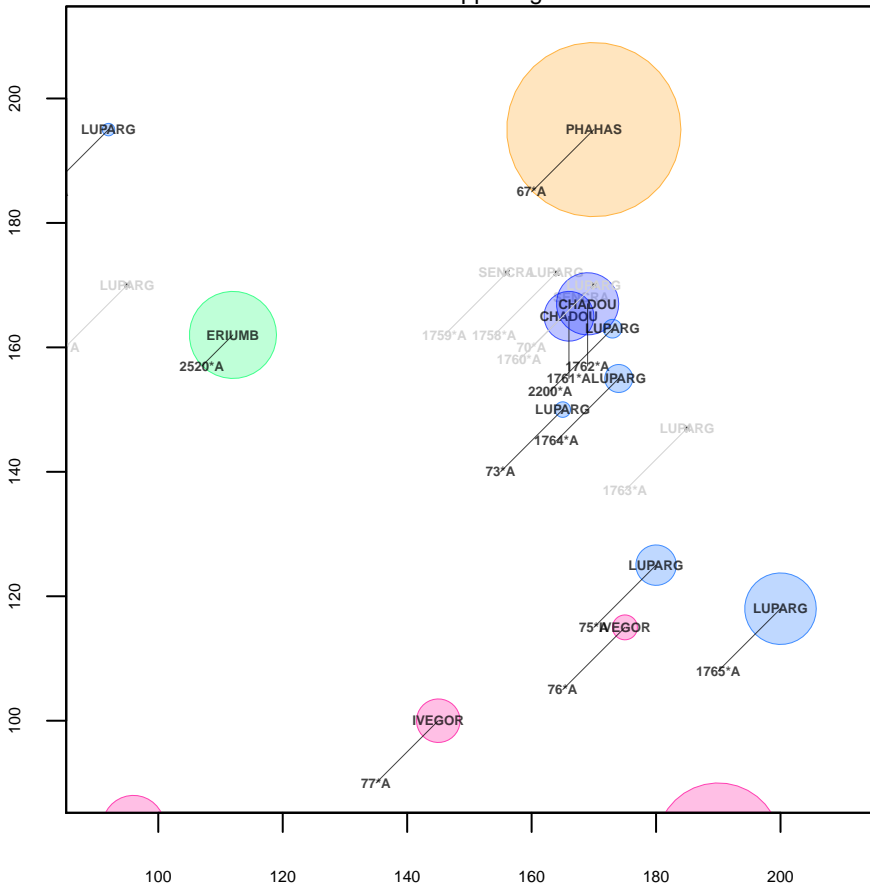
Plot 8 Lower right



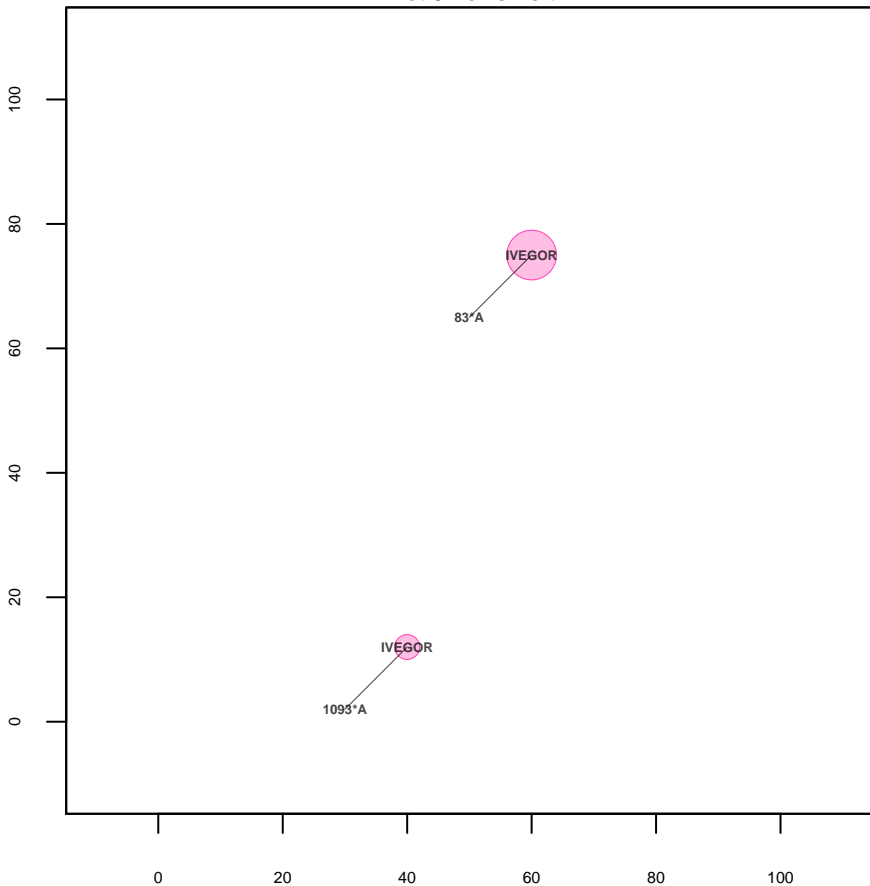
Plot 8 Upper left



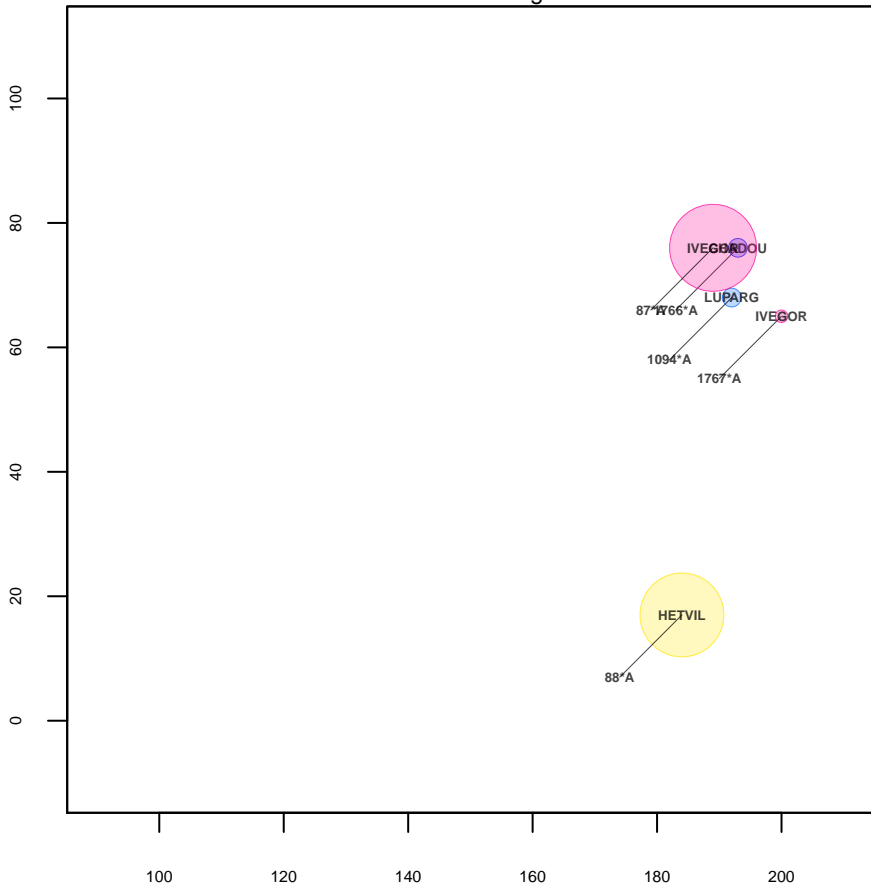
Plot 8 Upper right



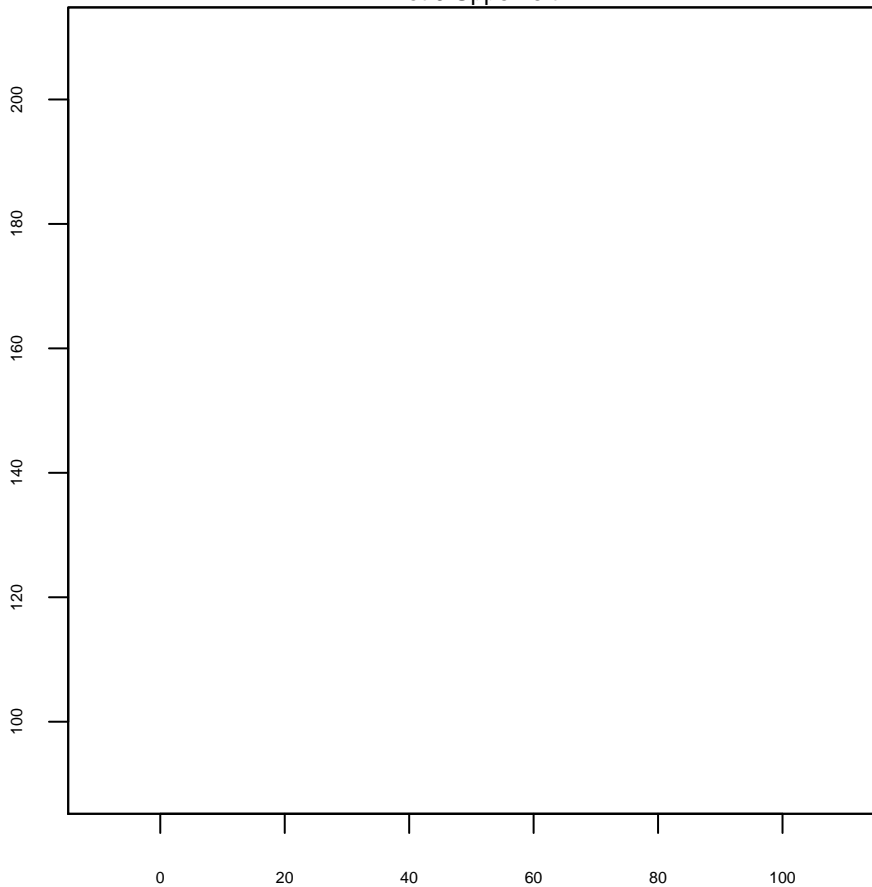
Plot 9 Lower left



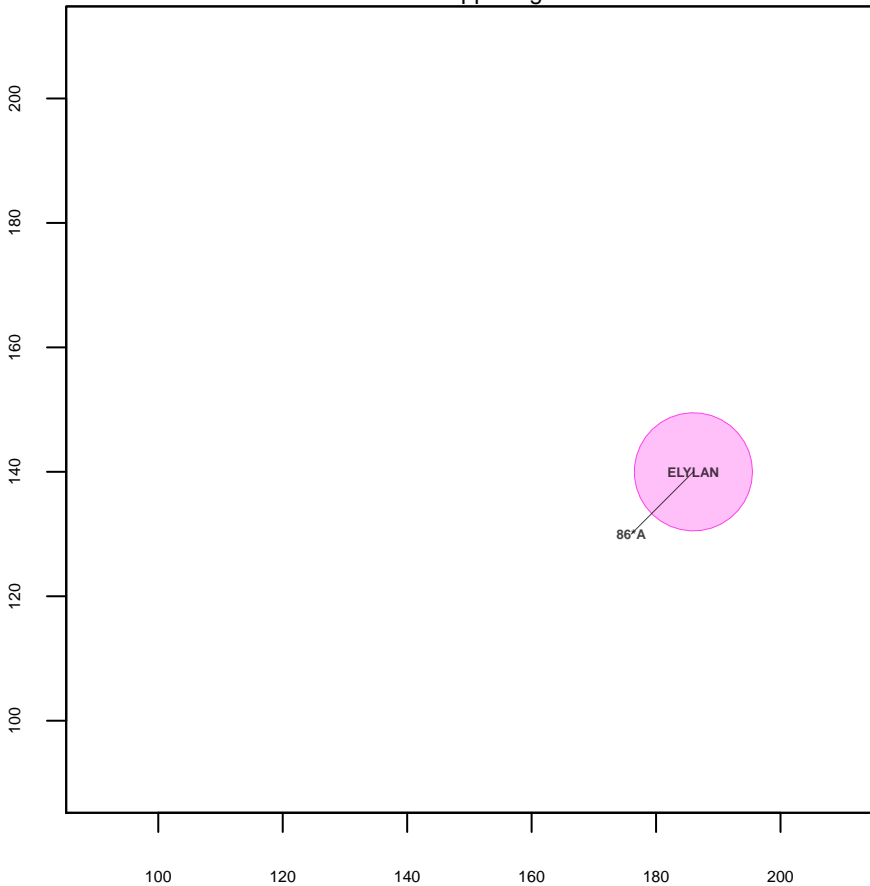
Plot 9 Lower right



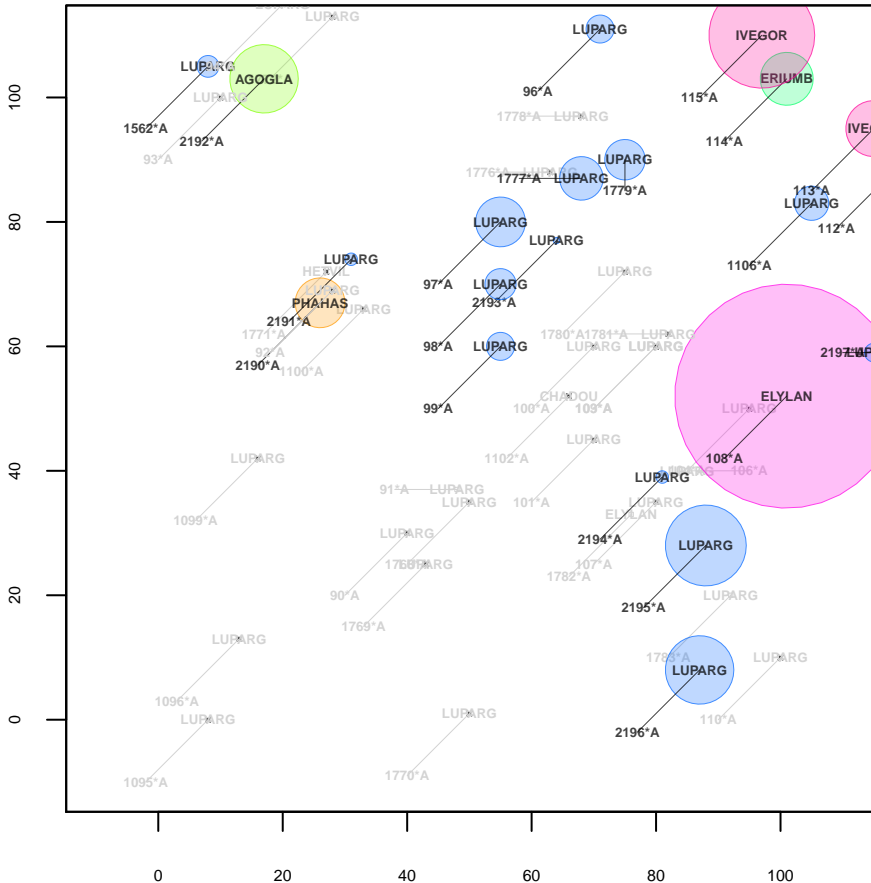
Plot 9 Upper left



Plot 9 Upper right



Plot 10 Lower left



Plot 10 Lower right

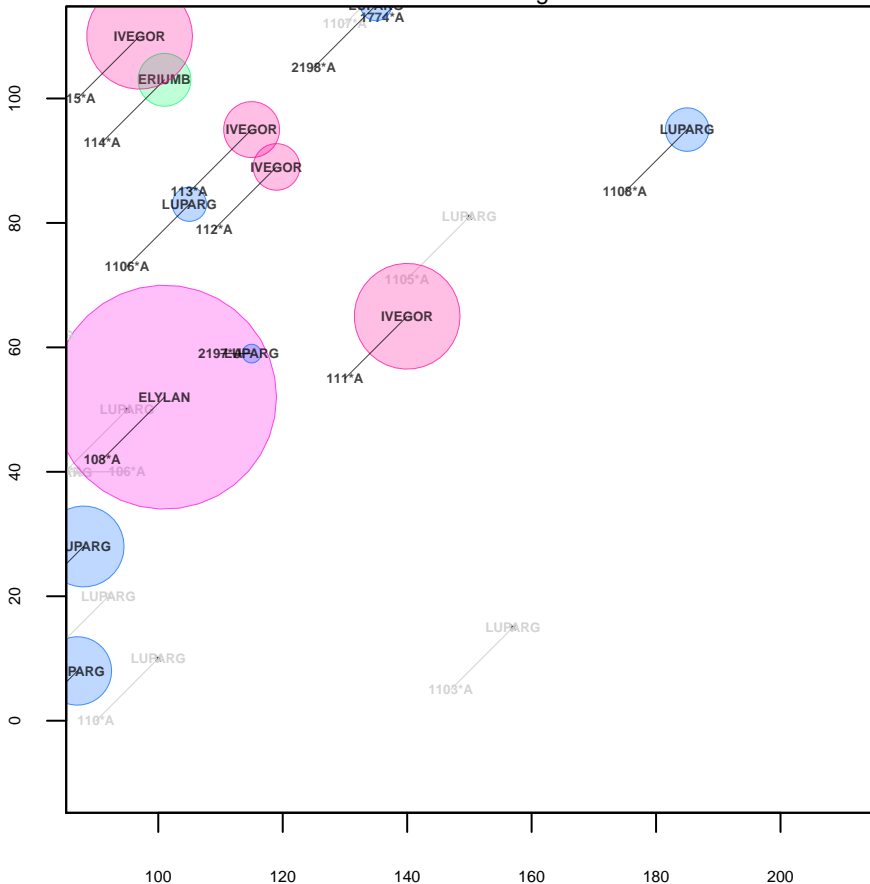
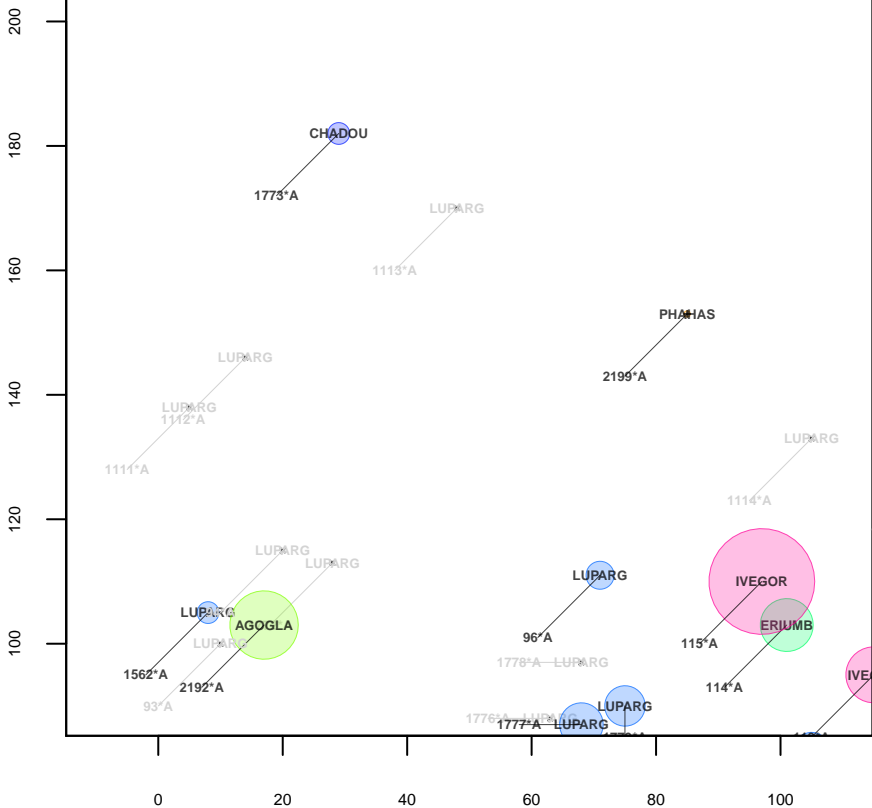
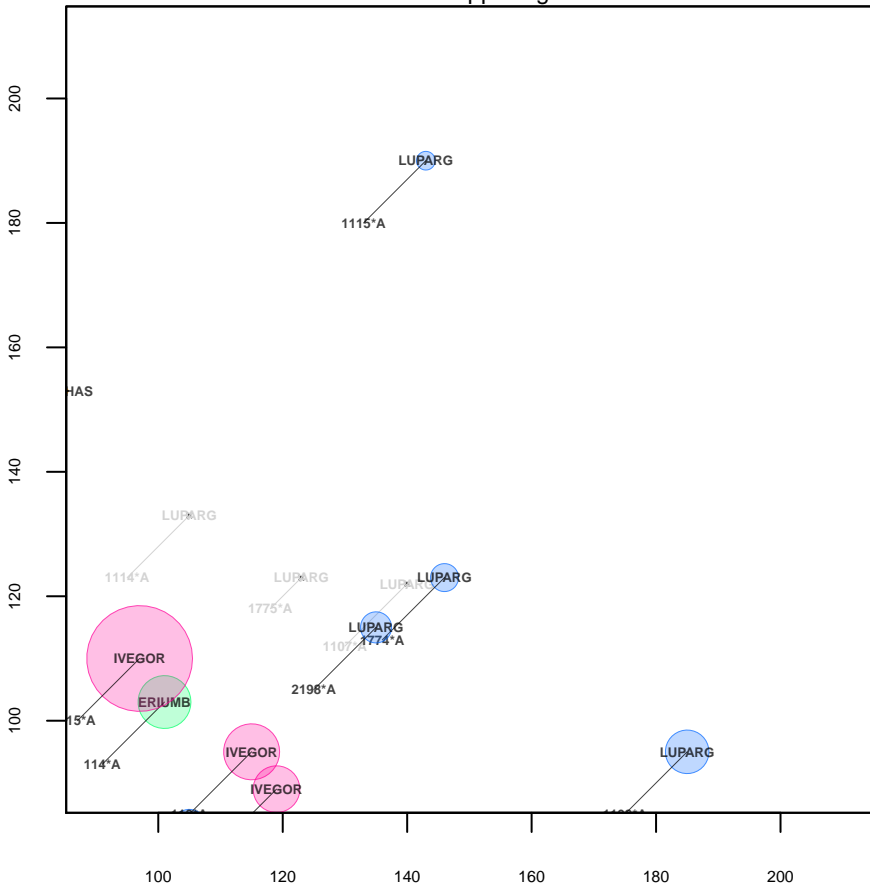


Figure 1 is a scatter plot showing the relationship between the number of LUPARGs (x-axis) and the number of PHASs (y-axis) for various genes. The x-axis ranges from 0 to 100, and the y-axis ranges from 0 to 100. Genes are represented by colored circles: blue for LUPARGs only, green for AGOGLA, pink for IVEGOR, and grey for ERIUMB. Lines connect genes to their corresponding LUPARG and PHAS values. The plot shows a positive correlation between the number of LUPARGs and the number of PHASs for most genes.

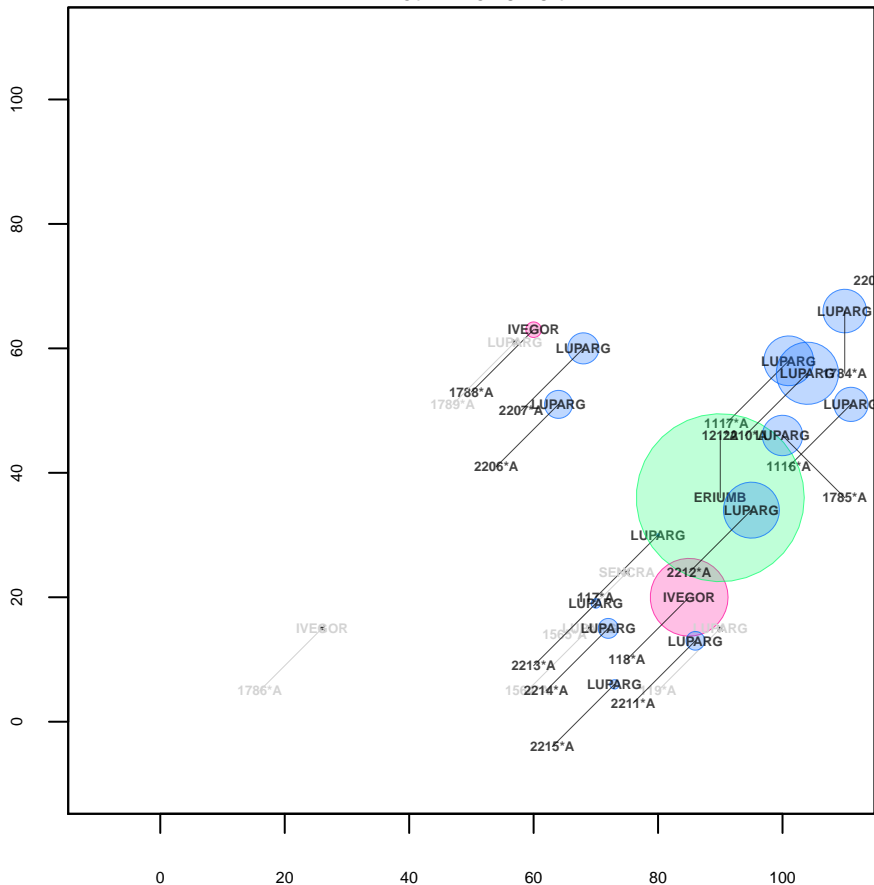
Gene	LUPARGs	PHASs
CHADOU	30	75
1773*A	25	70
1113*A	45	55
1111*A	10	45
1112*A	15	40
1114*A	95	55
1115*A	90	50
114*A	95	45
115*A	90	40
96*A	65	35
1776*A	60	30
1777*A	65	30
1778*A	65	30
1562*A	10	25
2192*A	15	25
93*A	10	20
AGOGLA	20	25
IVEGOR	95	25
ERIUMB	95	20
IVE	105	20



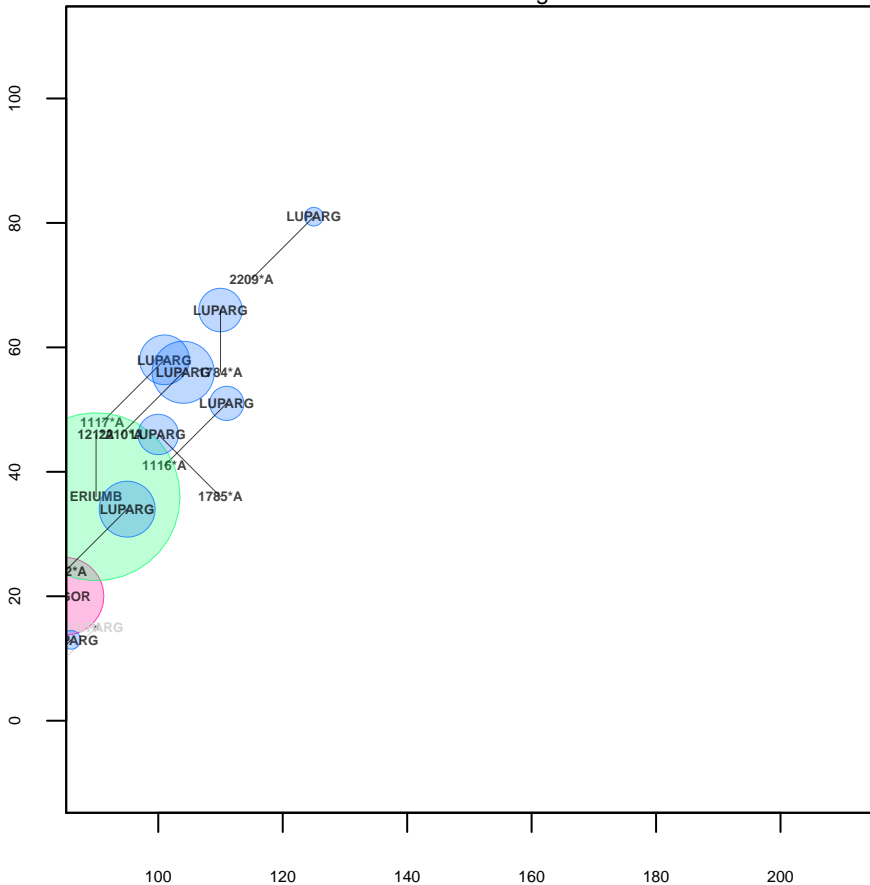
Plot 10 Upper right



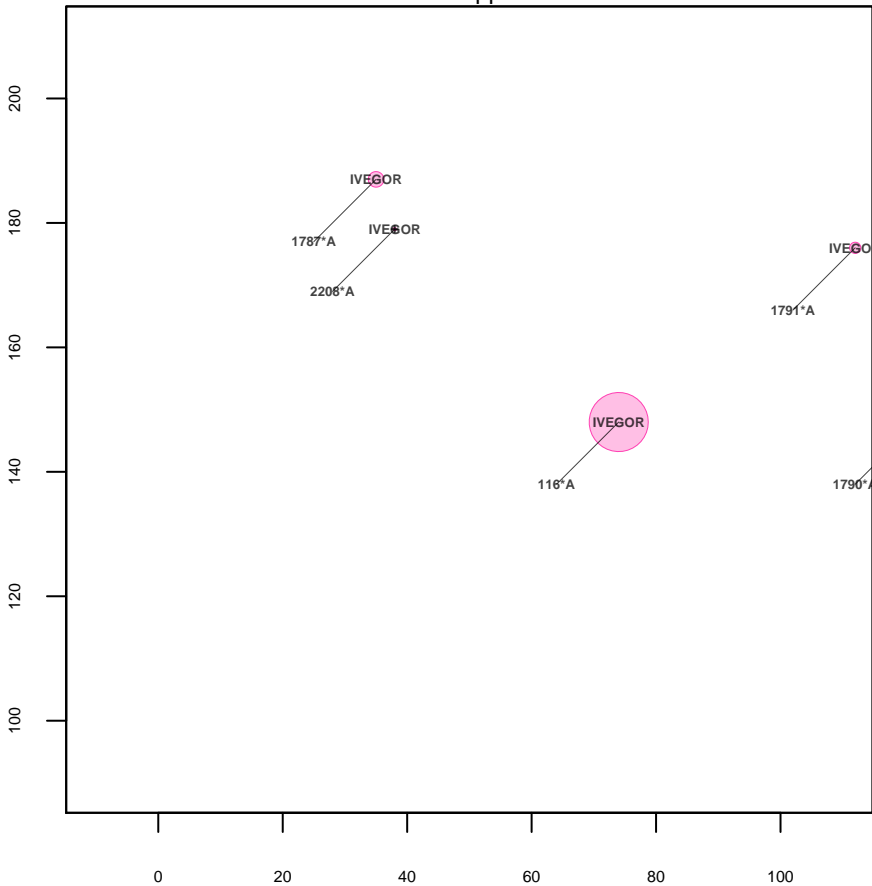
Plot 11 Lower left



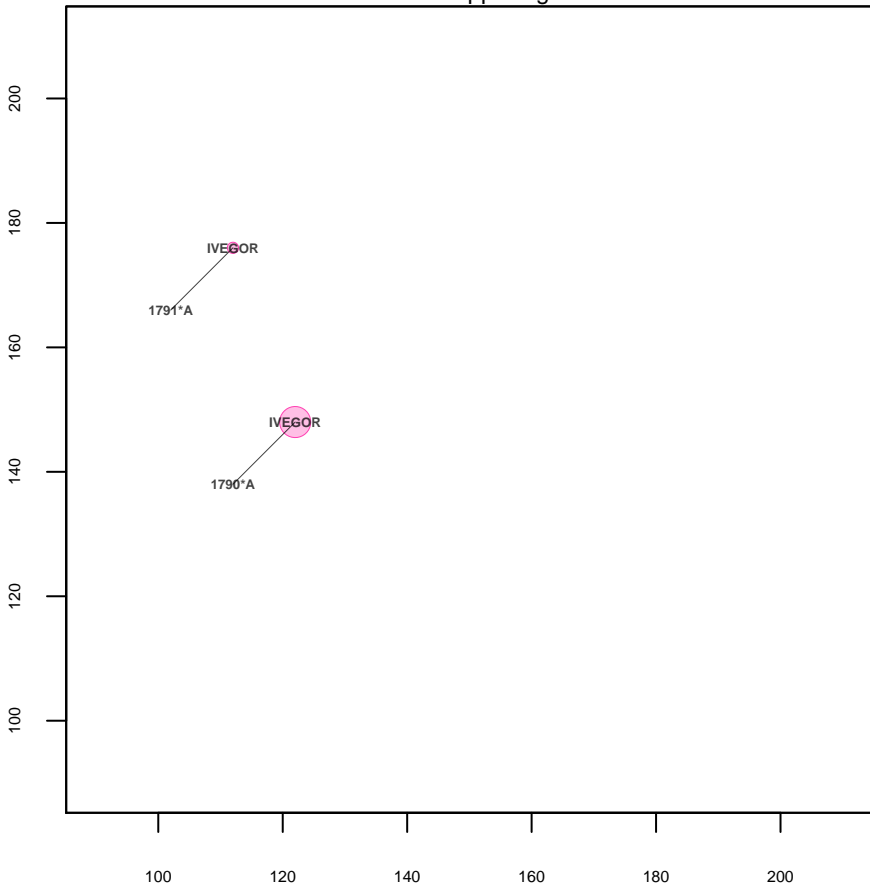
Plot 11 Lower right



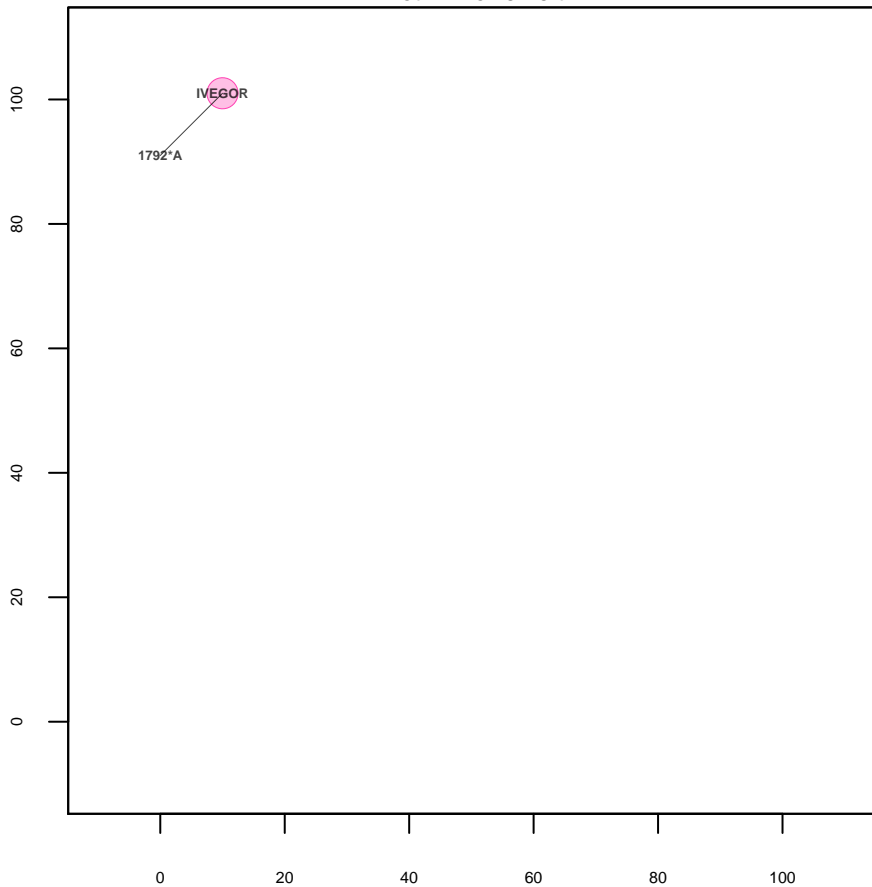
Plot 11 Upper left



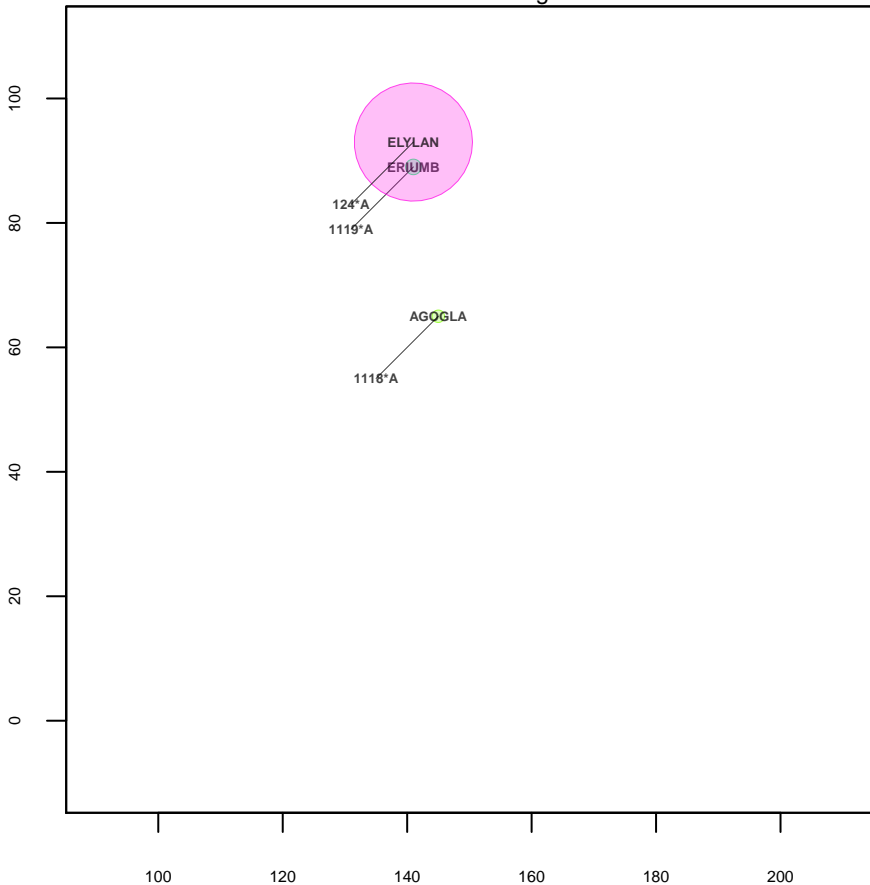
Plot 11 Upper right



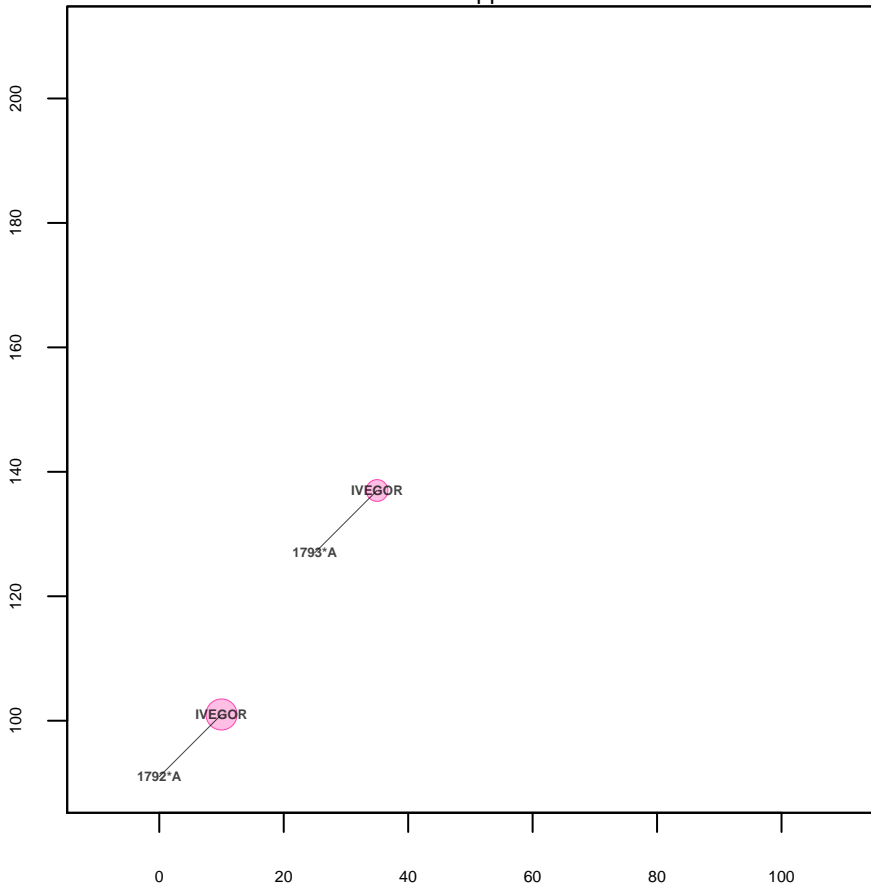
Plot 12 Lower left



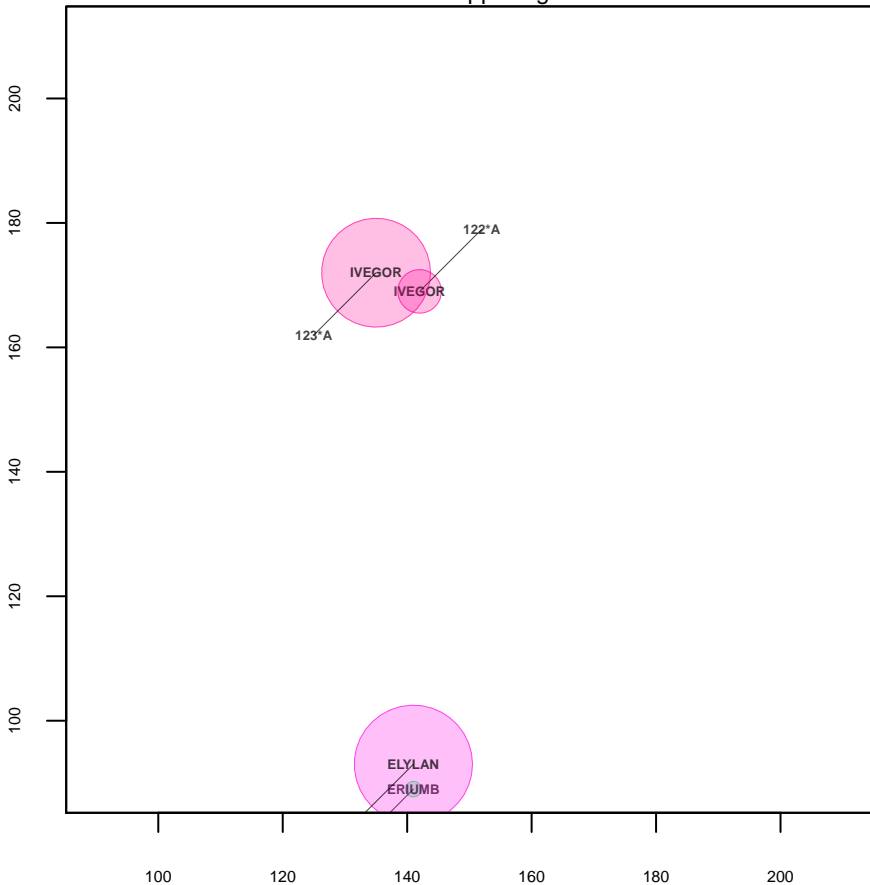
Plot 12 Lower right



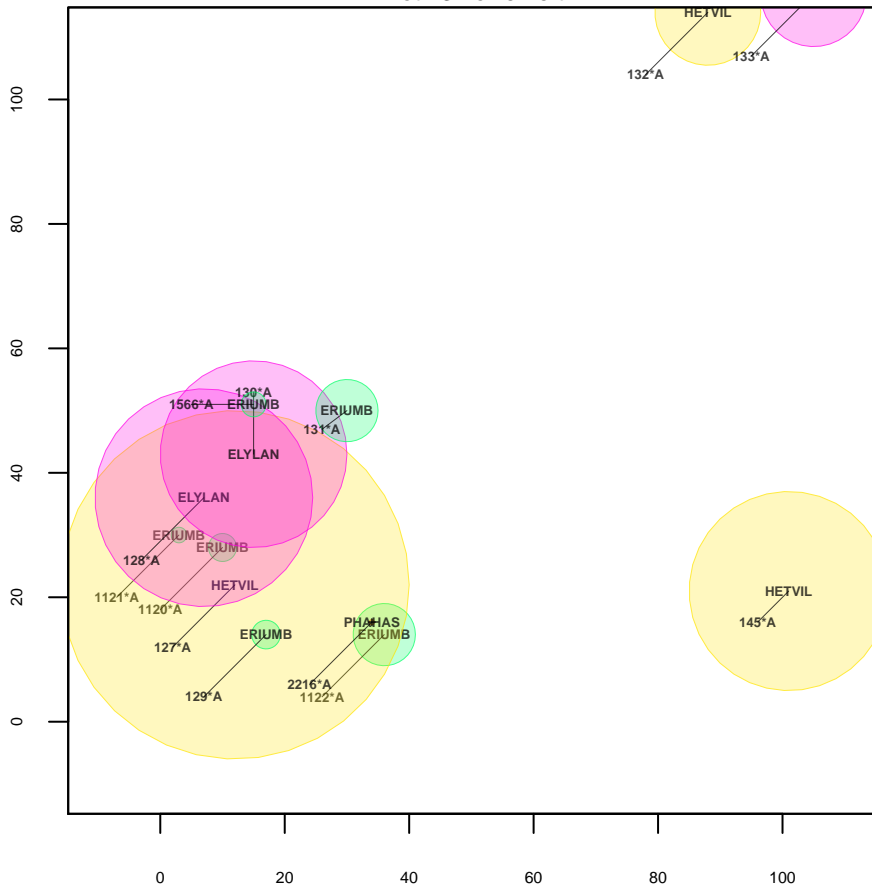
Plot 12 Upper left



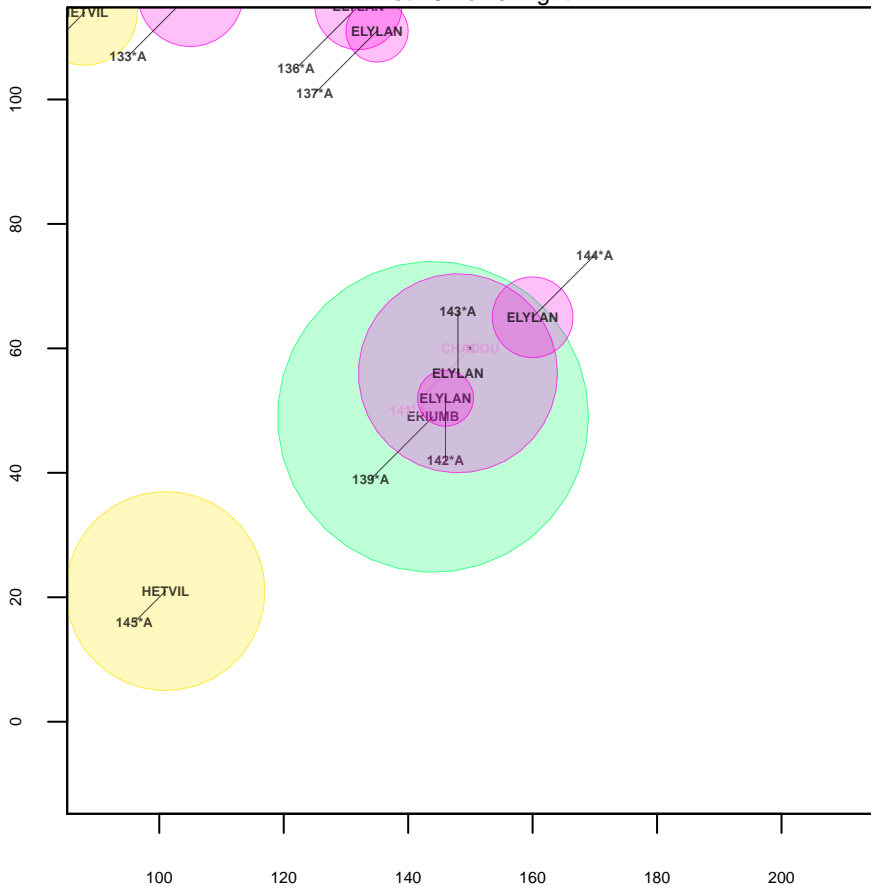
Plot 12 Upper right



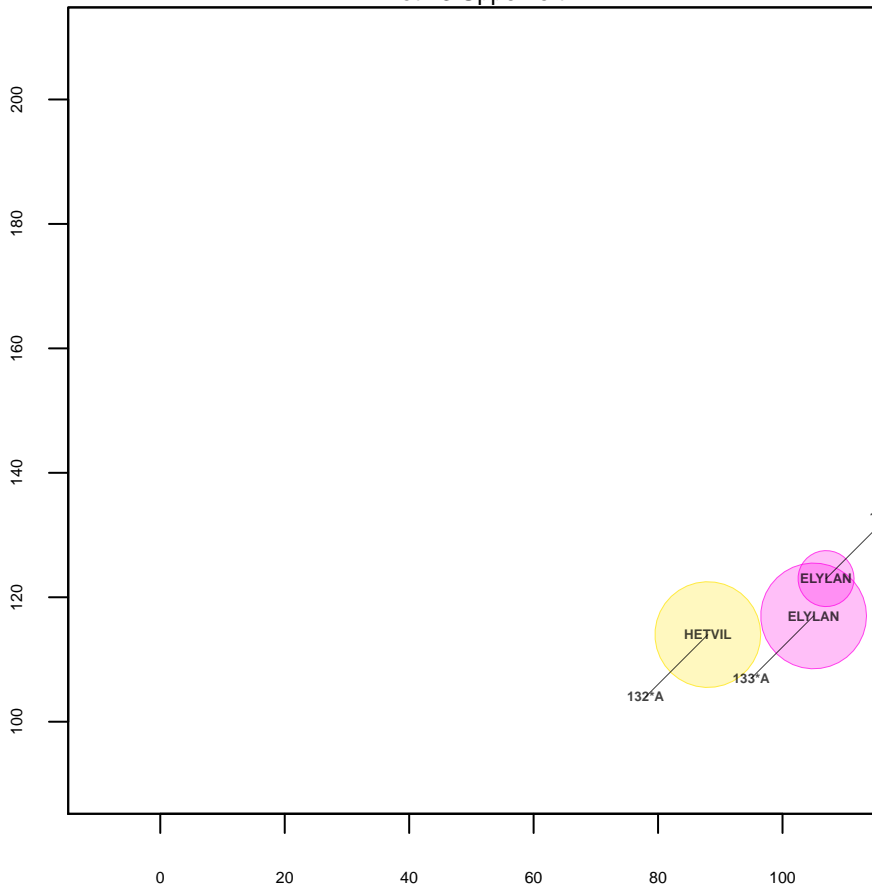
Plot 13 Lower left



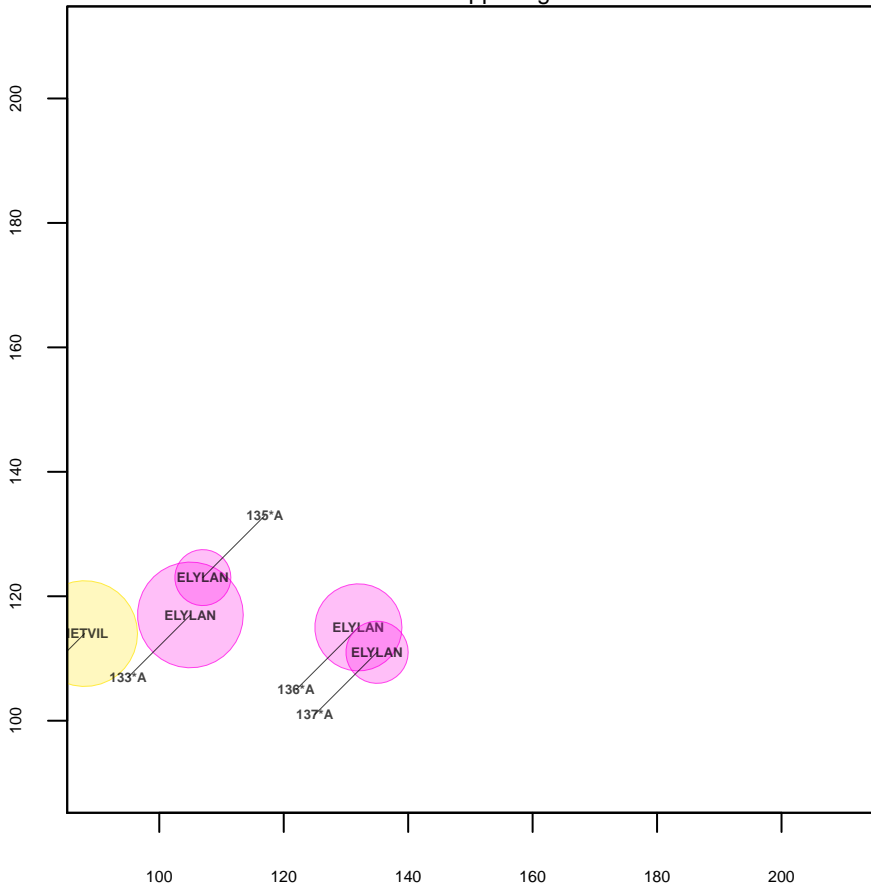
Plot 13 Lower right



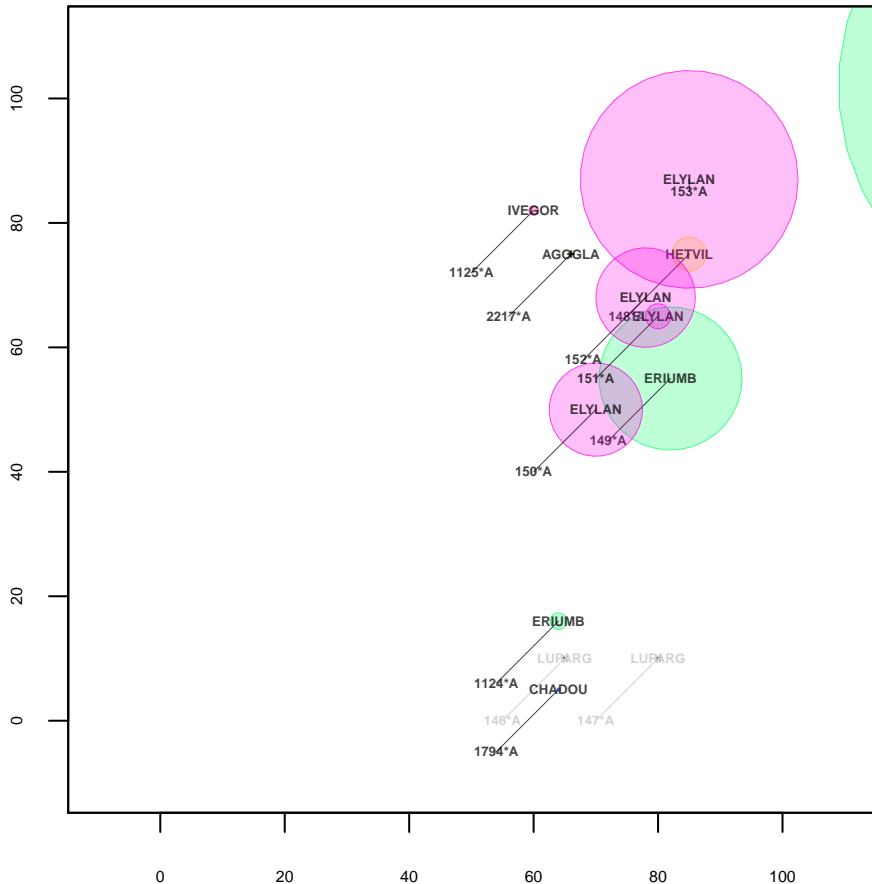
Plot 13 Upper left



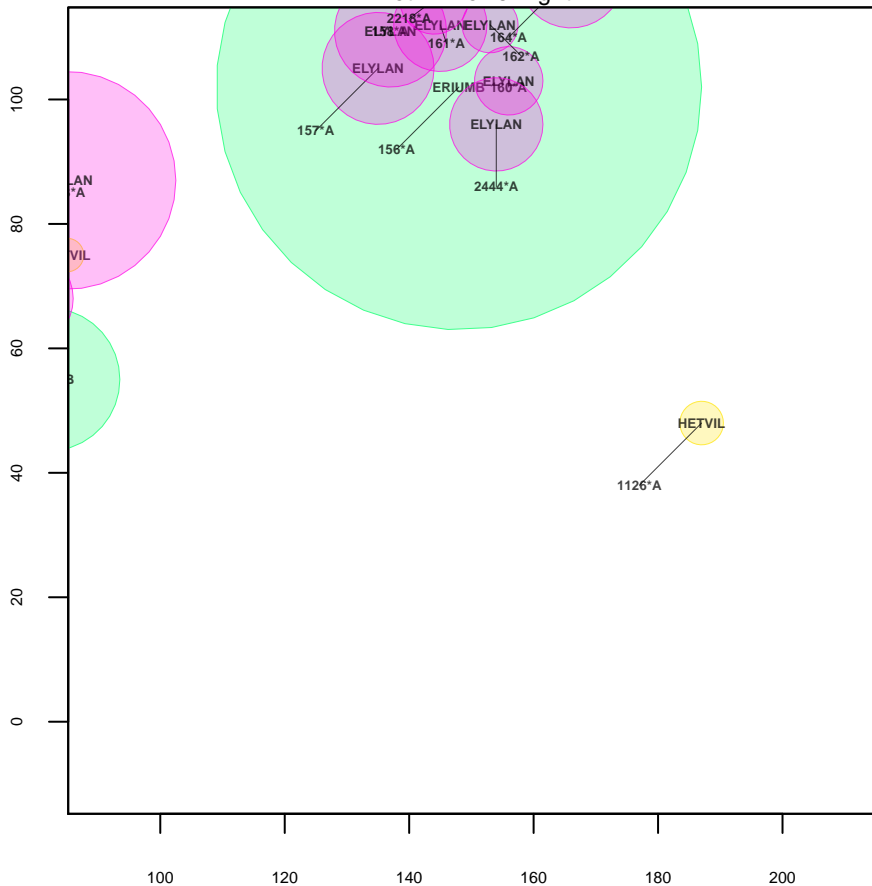
Plot 13 Upper right



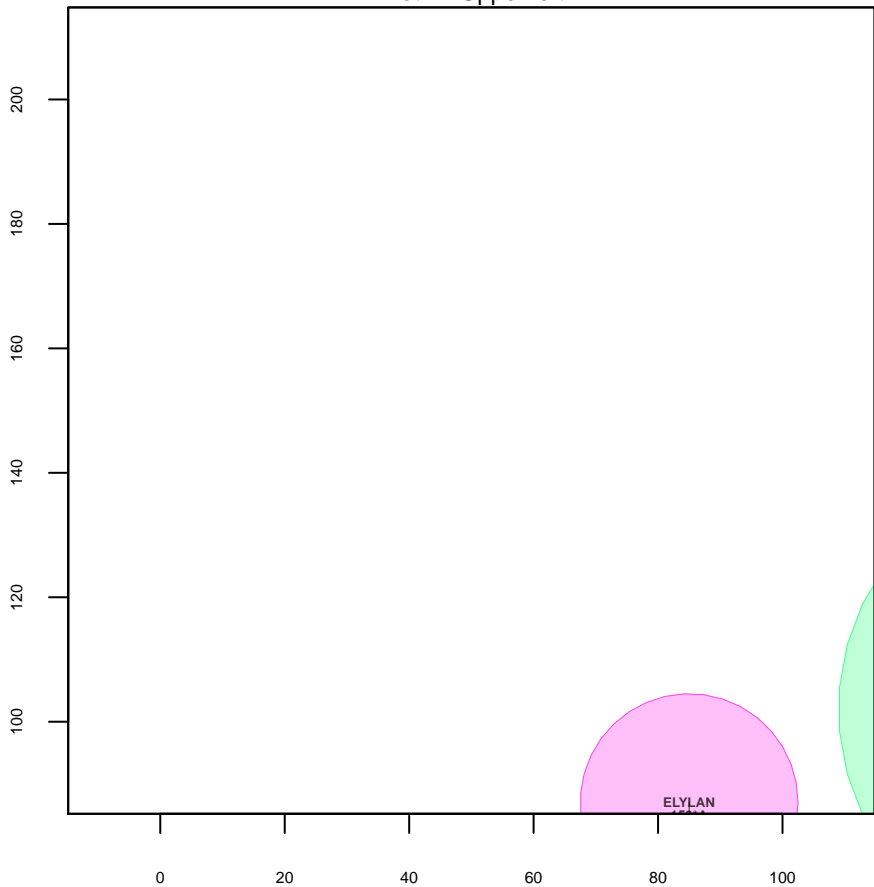
Plot 14 Lower left



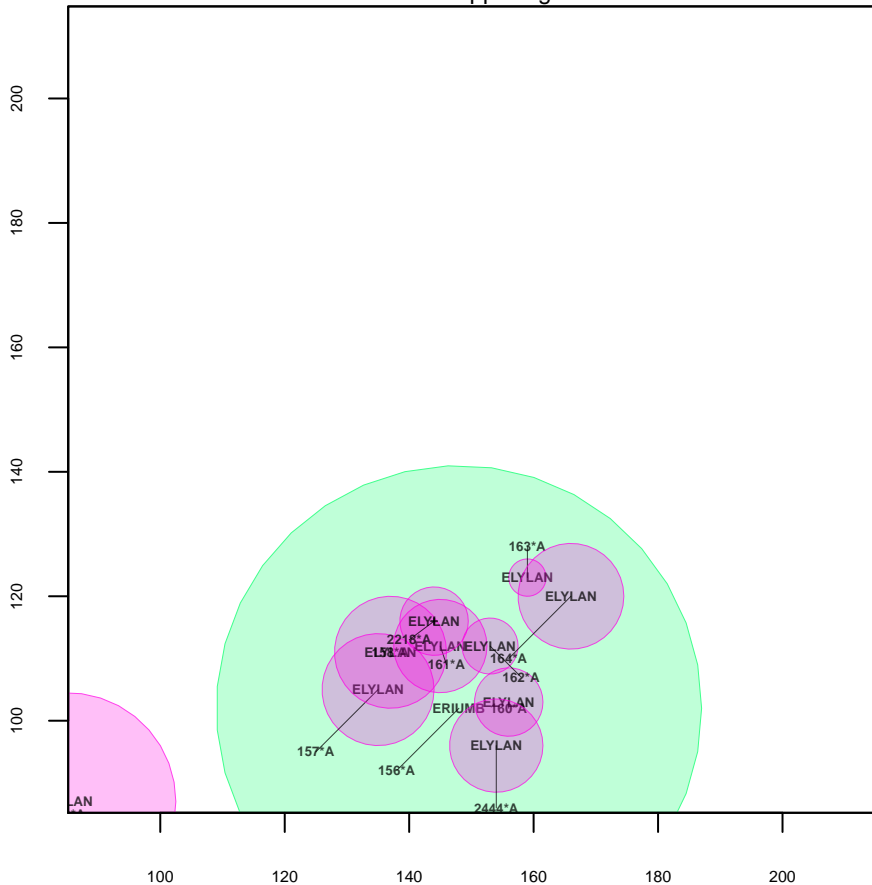
Plot 14 Lower right



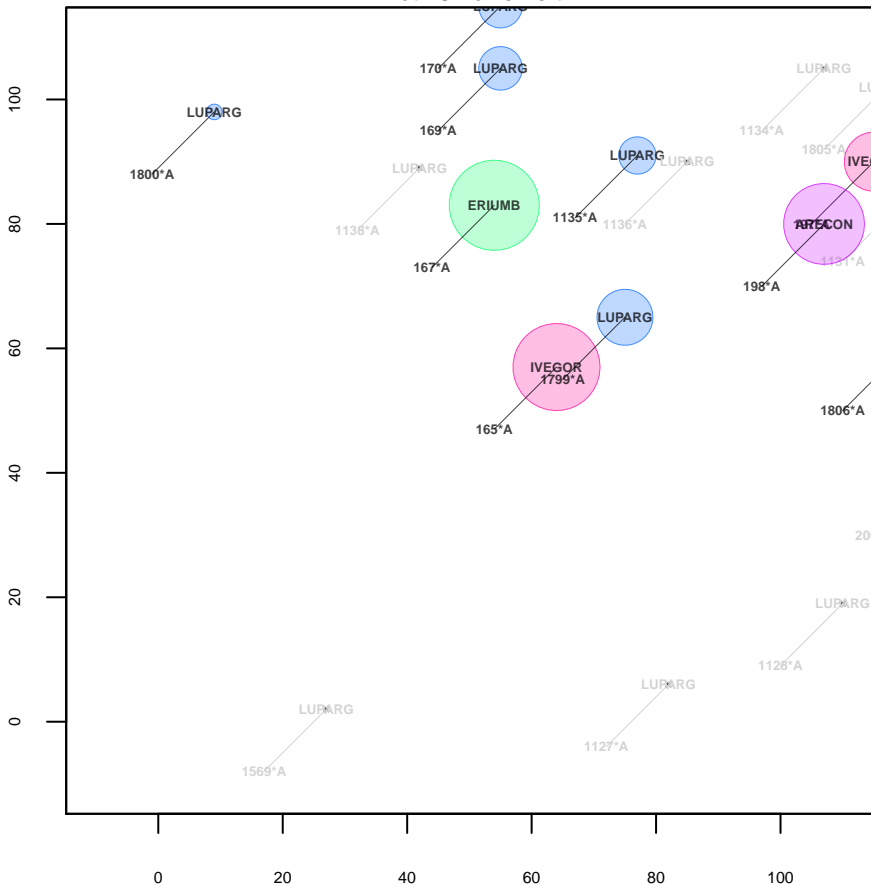
Plot 14 Upper left

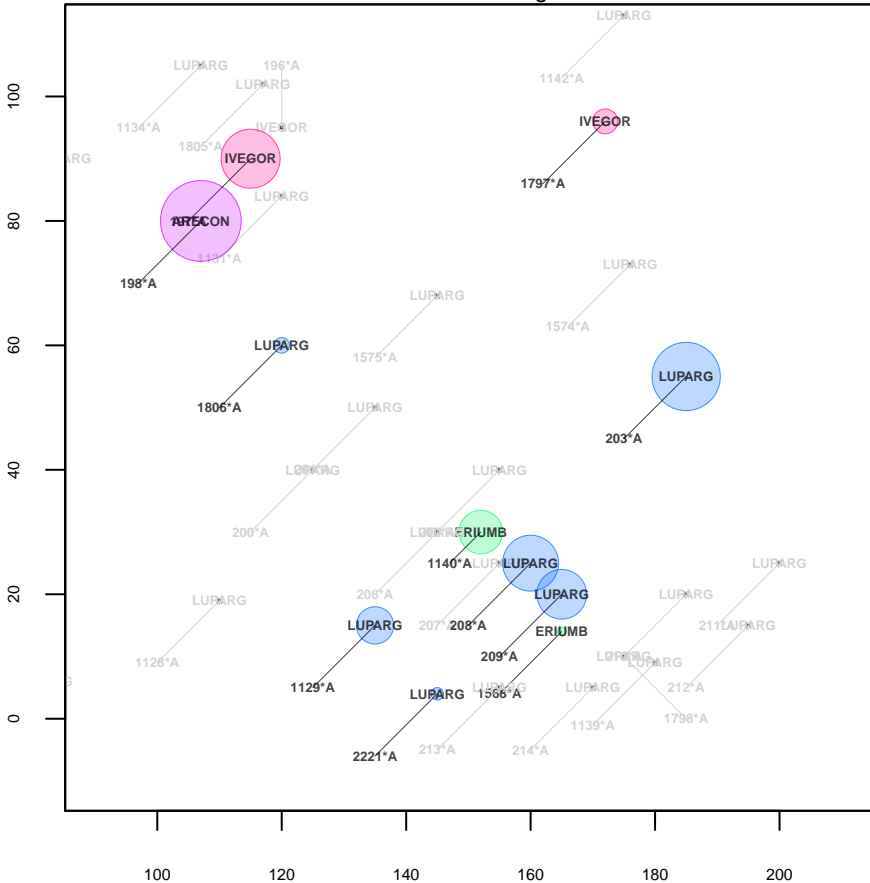


Plot 14 Upper right

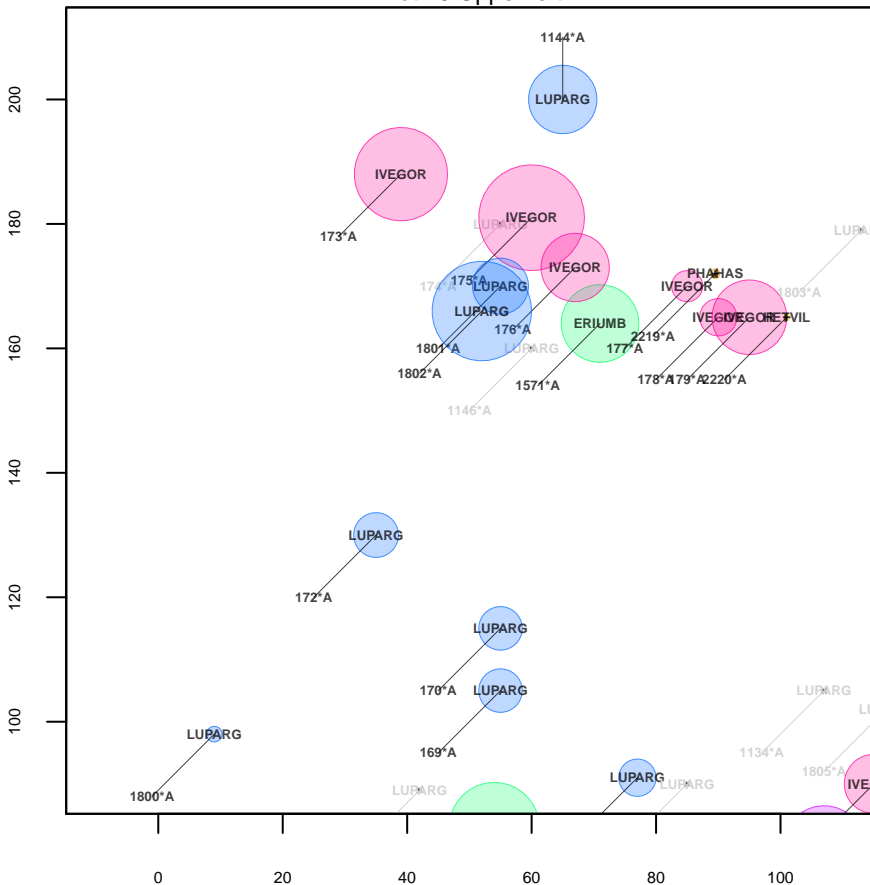


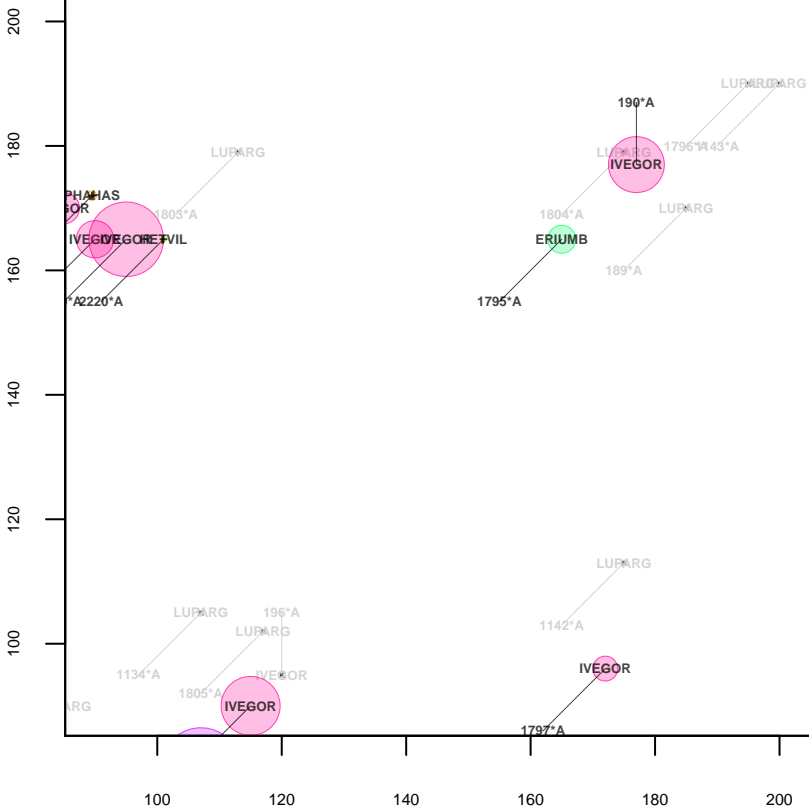
Plot 15 Lower left



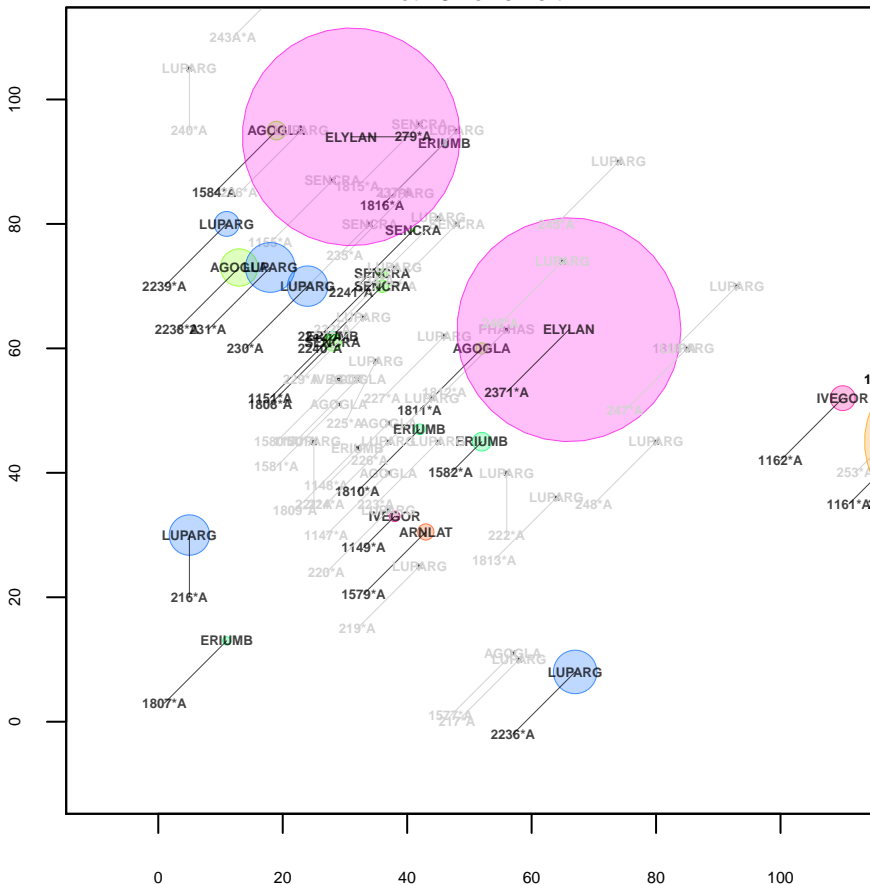
[illegible]

Plot 15 Upper left

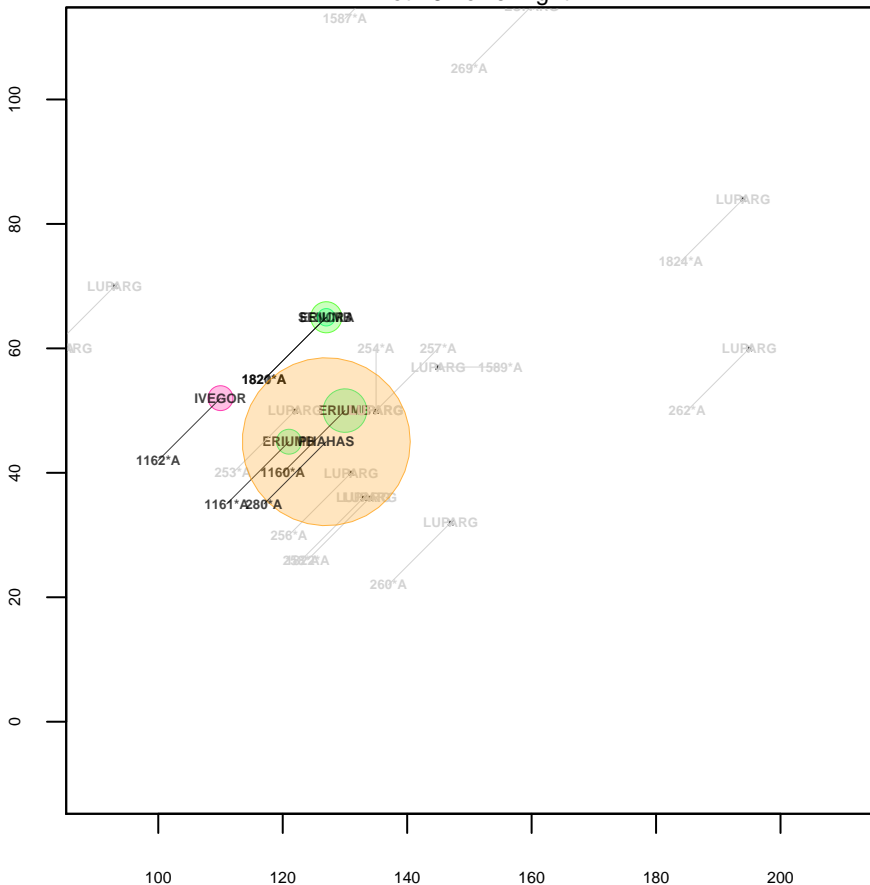




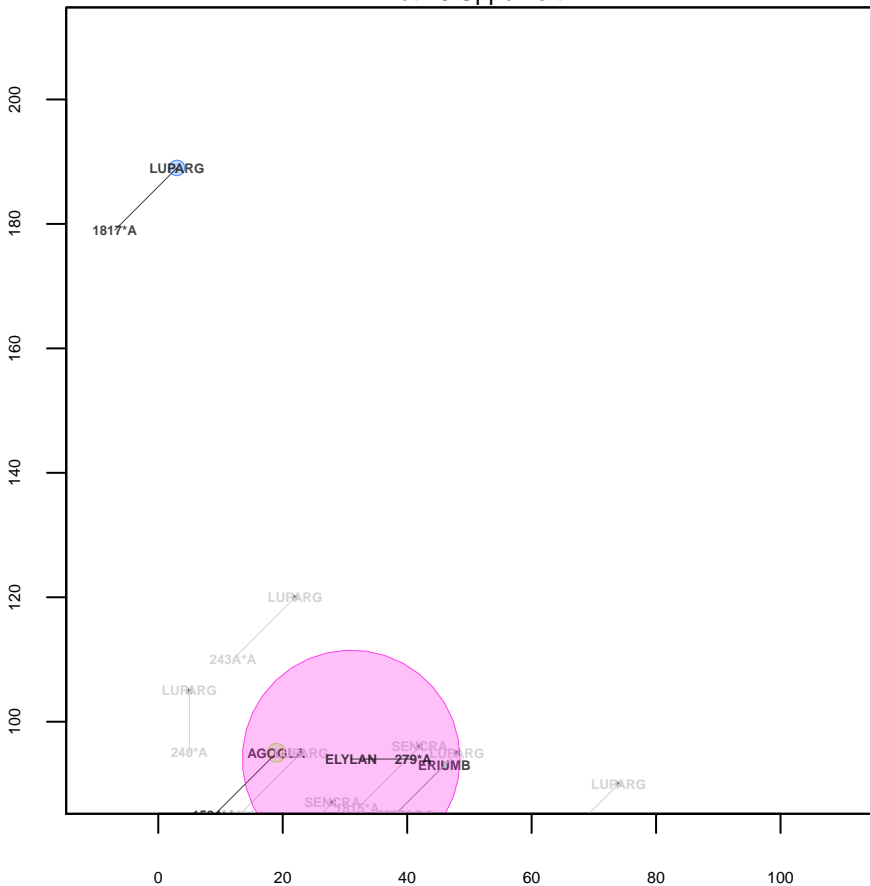
Plot 16 Lower left



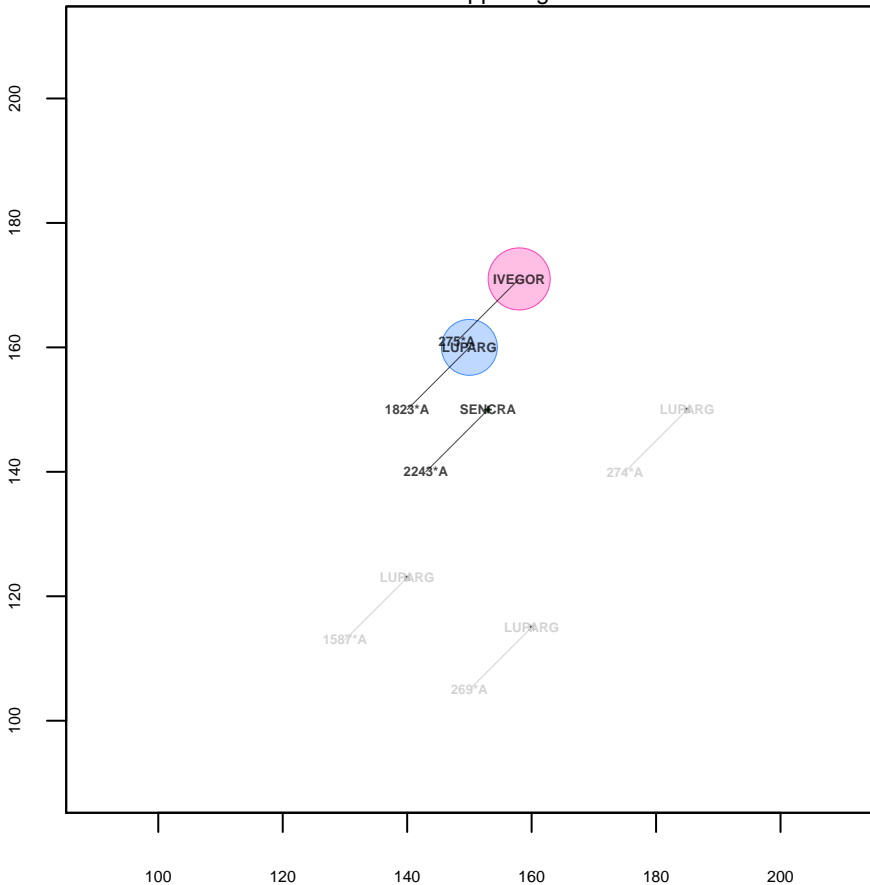
Plot 16 Lower right



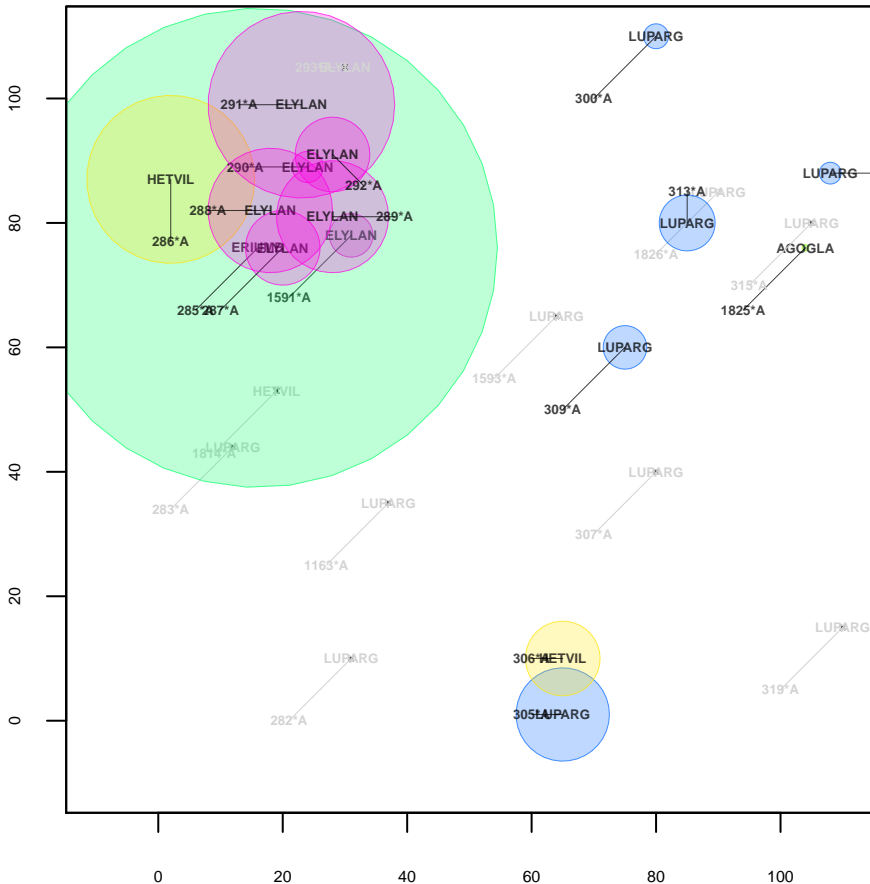
Plot 16 Upper left



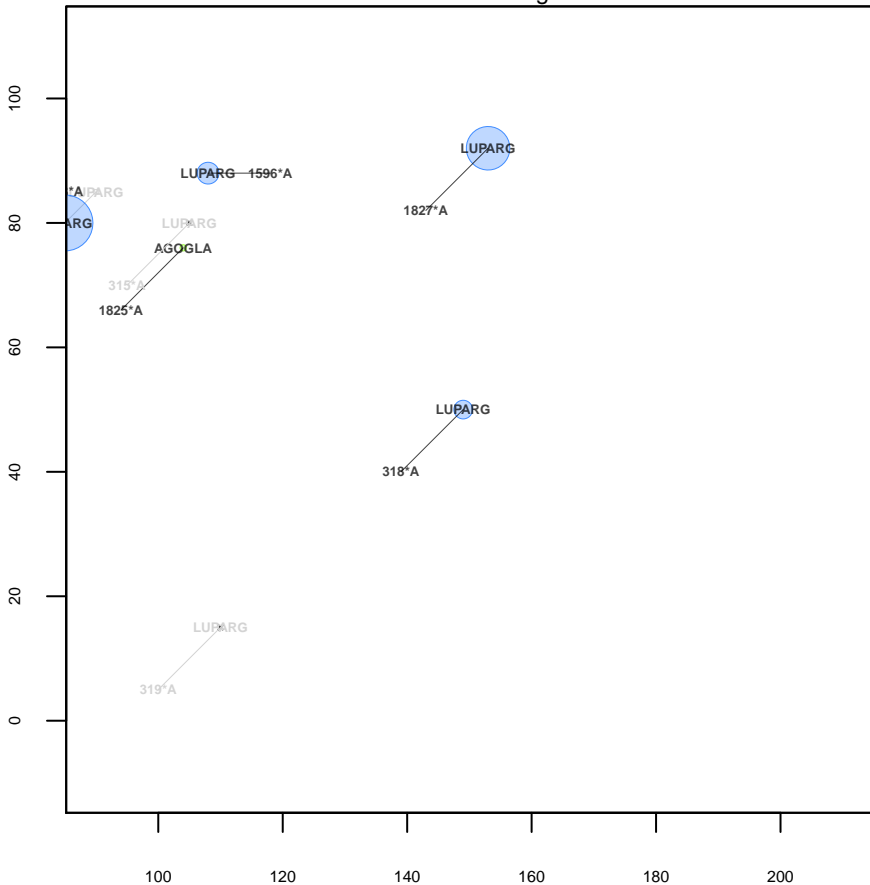
Plot 16 Upper right



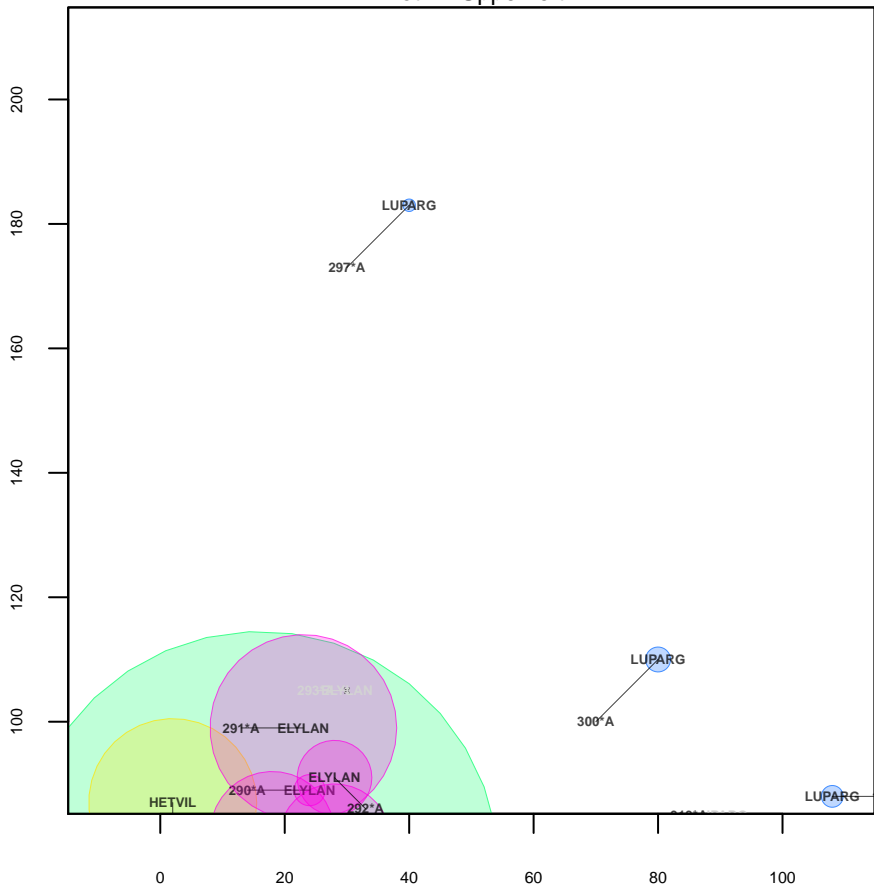
Plot 17 Lower left



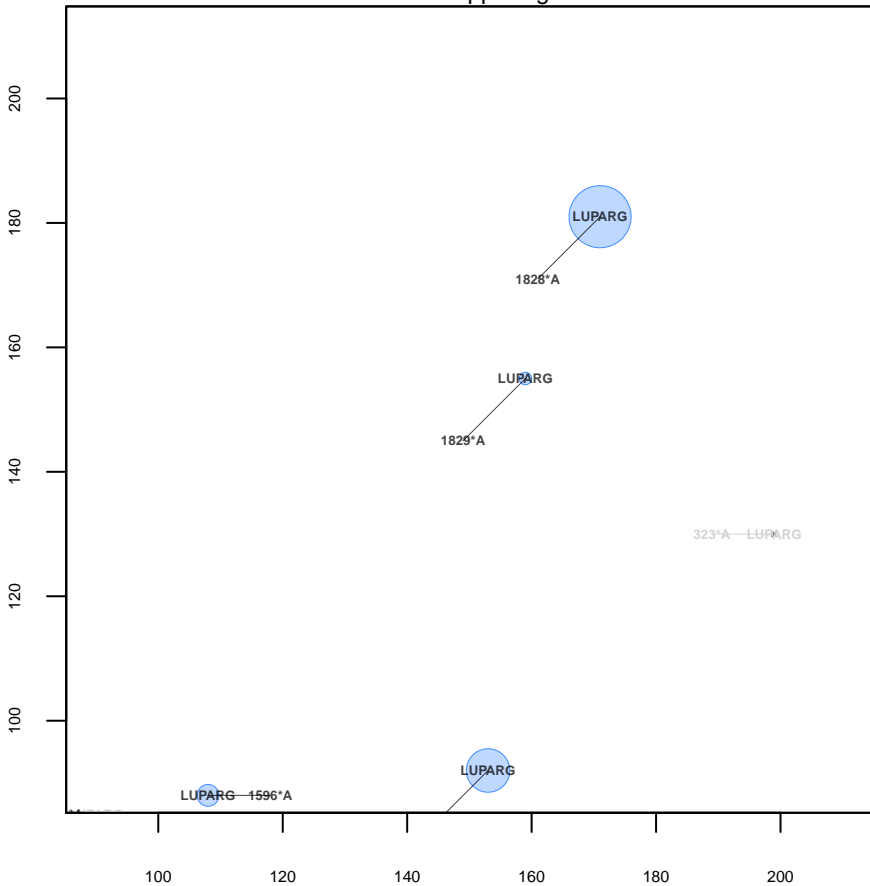
Plot 17 Lower right



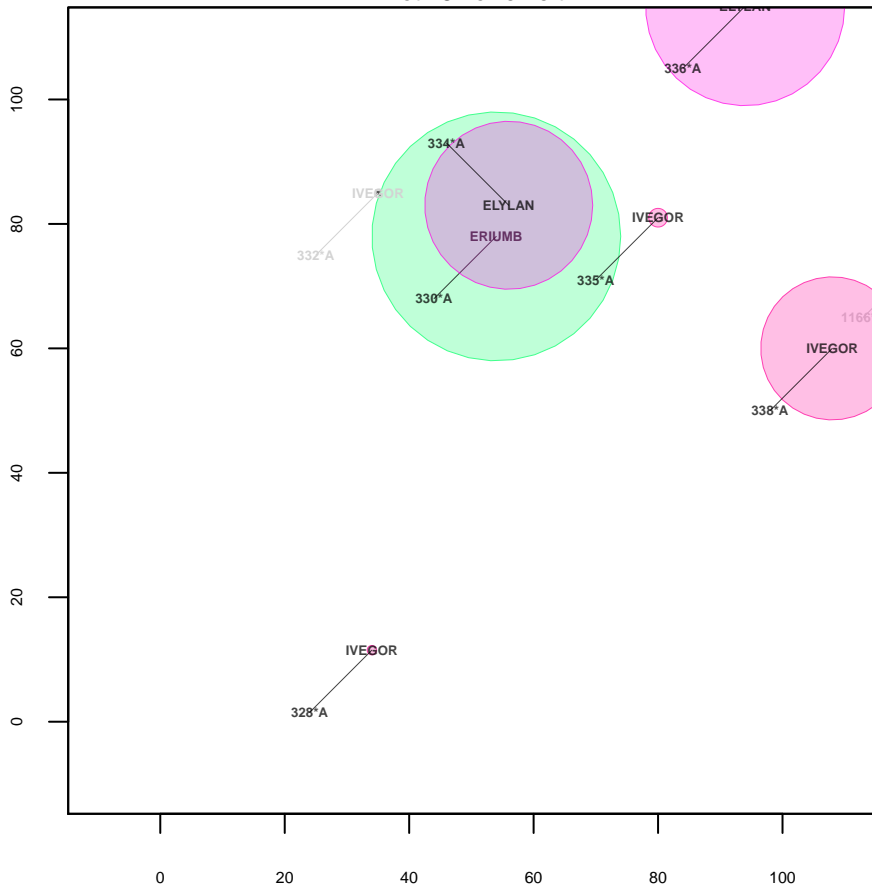
Plot 17 Upper left



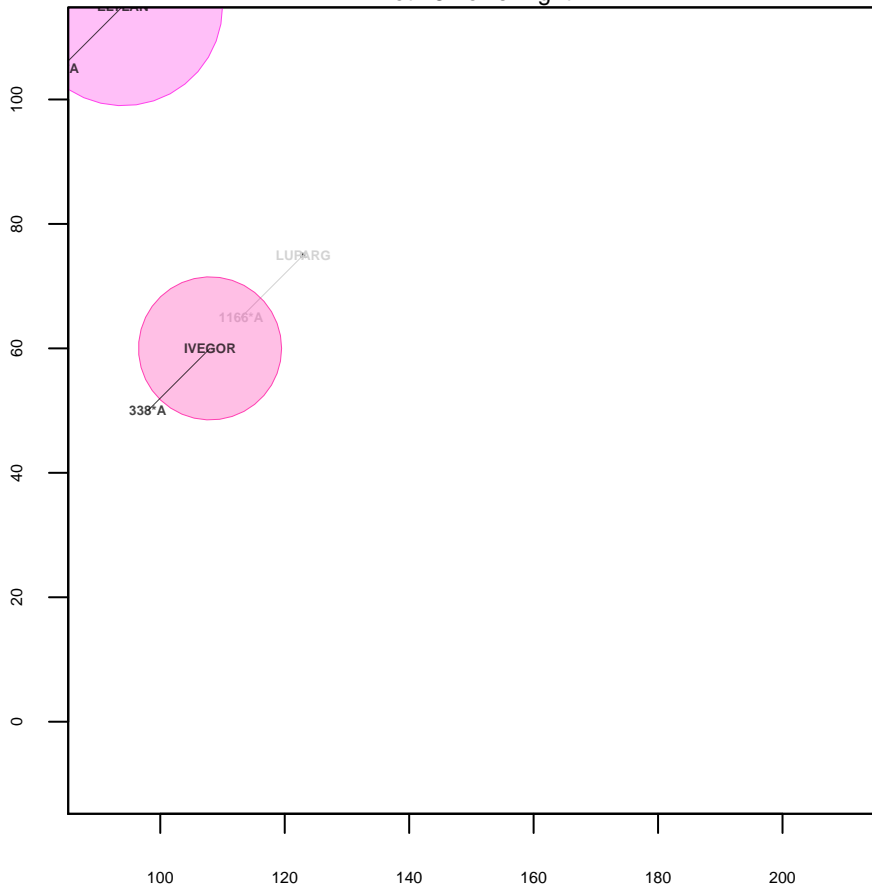
Plot 17 Upper right



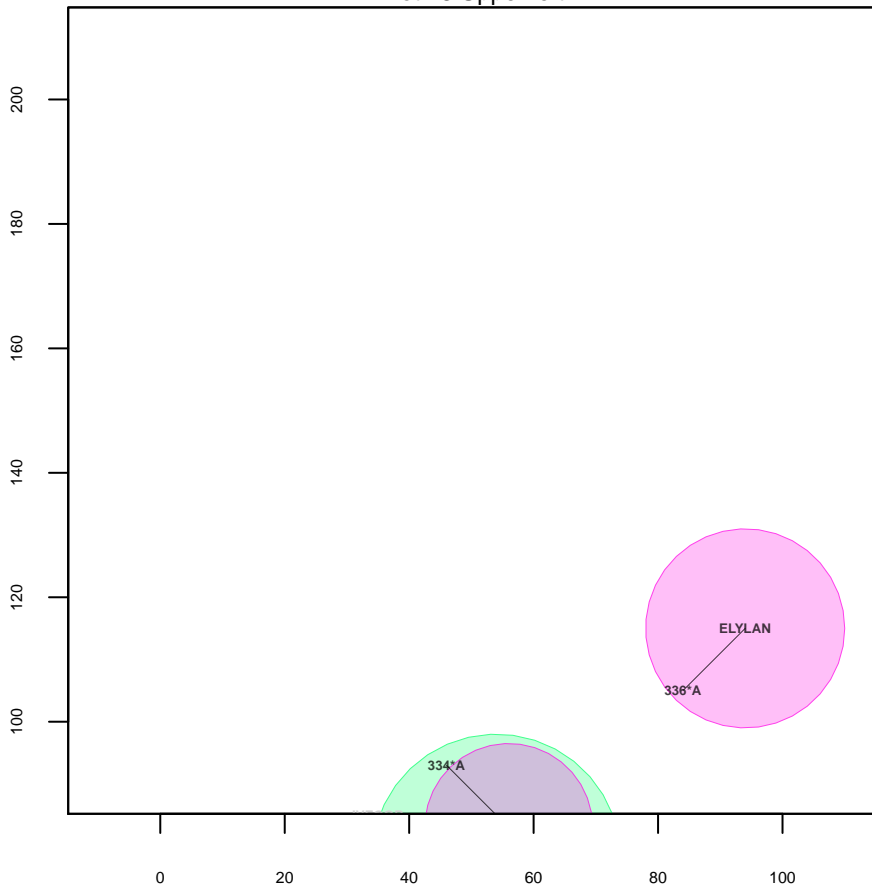
Plot 18 Lower left



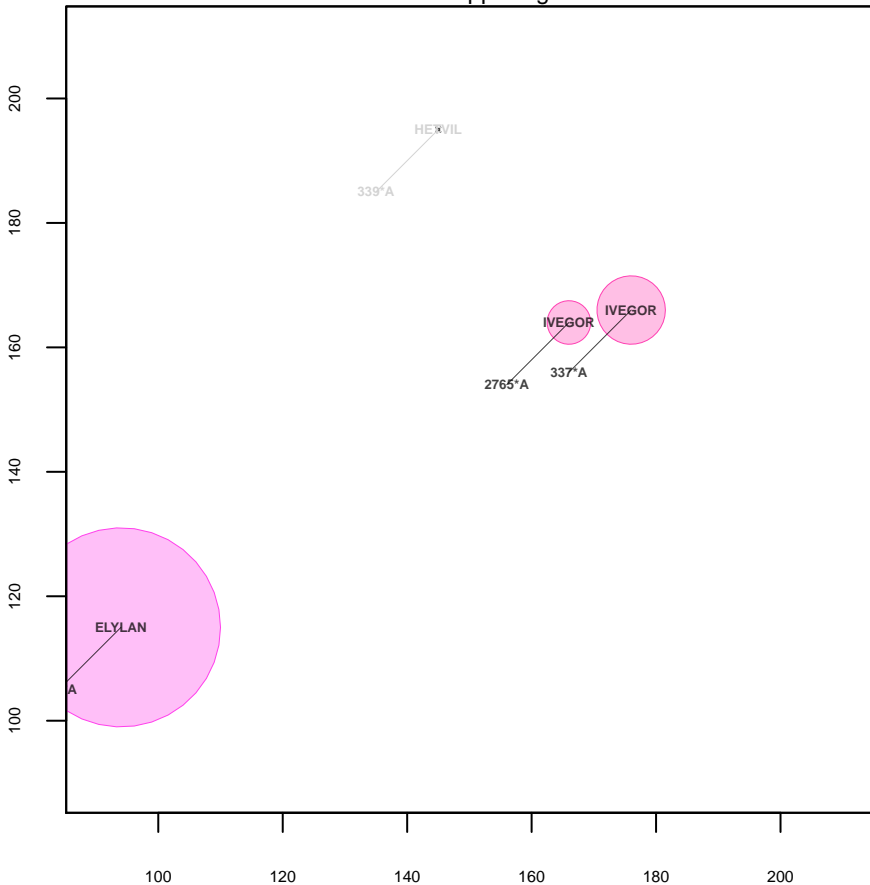
Plot 18 Lower right



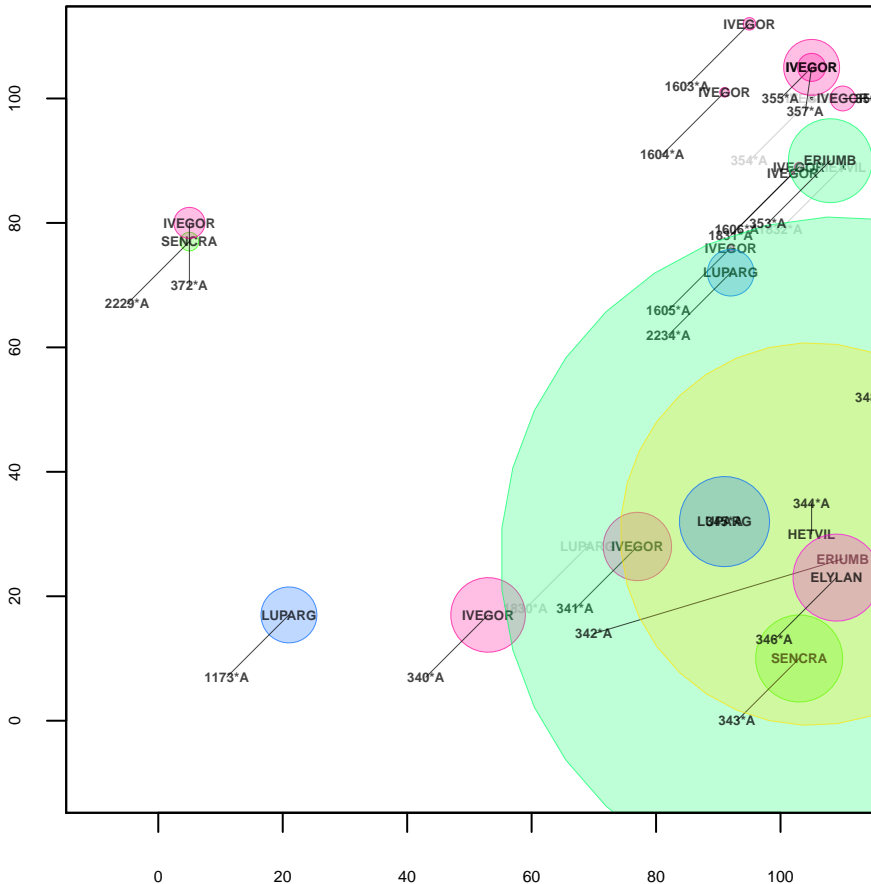
Plot 18 Upper left

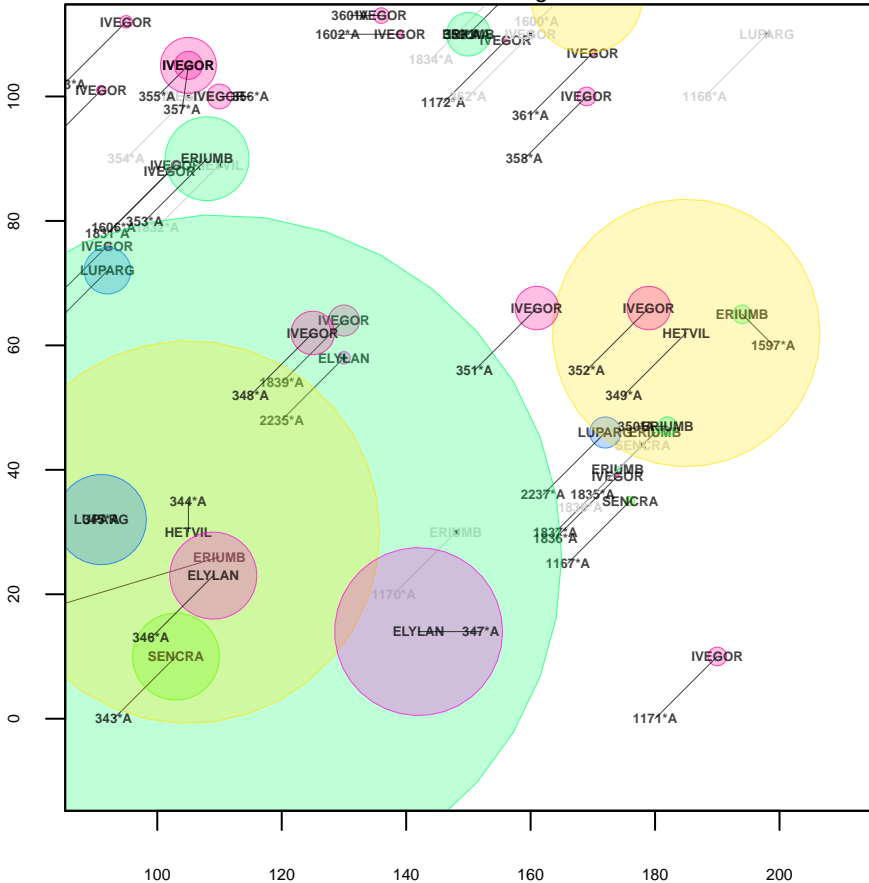


Plot 18 Upper right

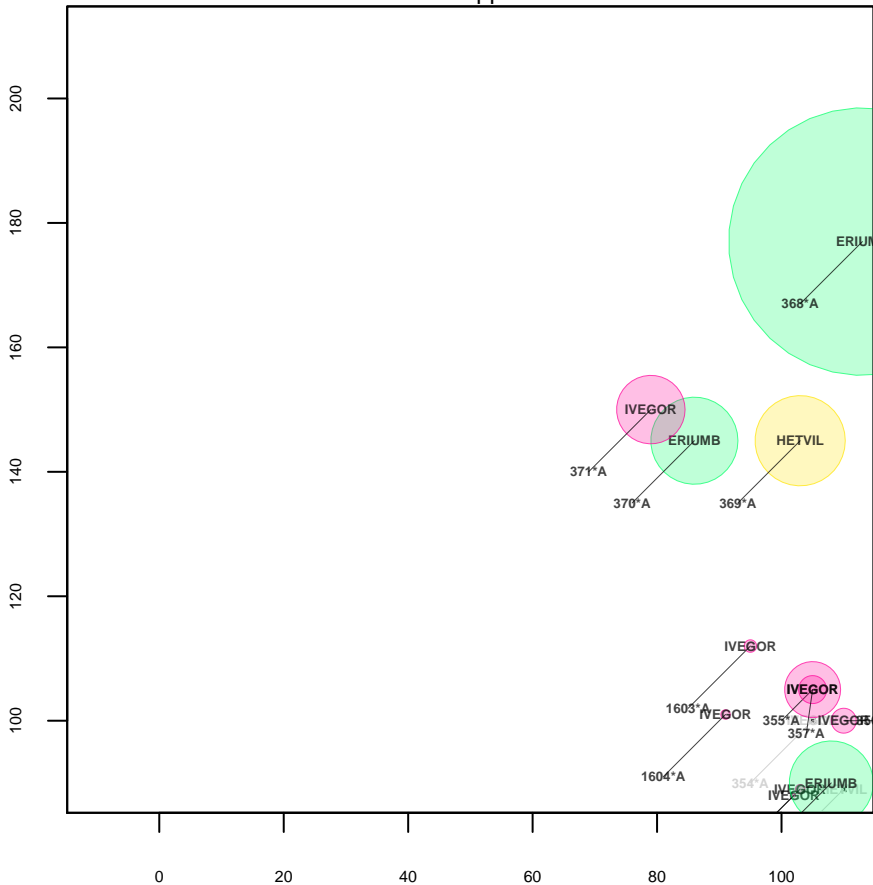


Plot 19 Lower left

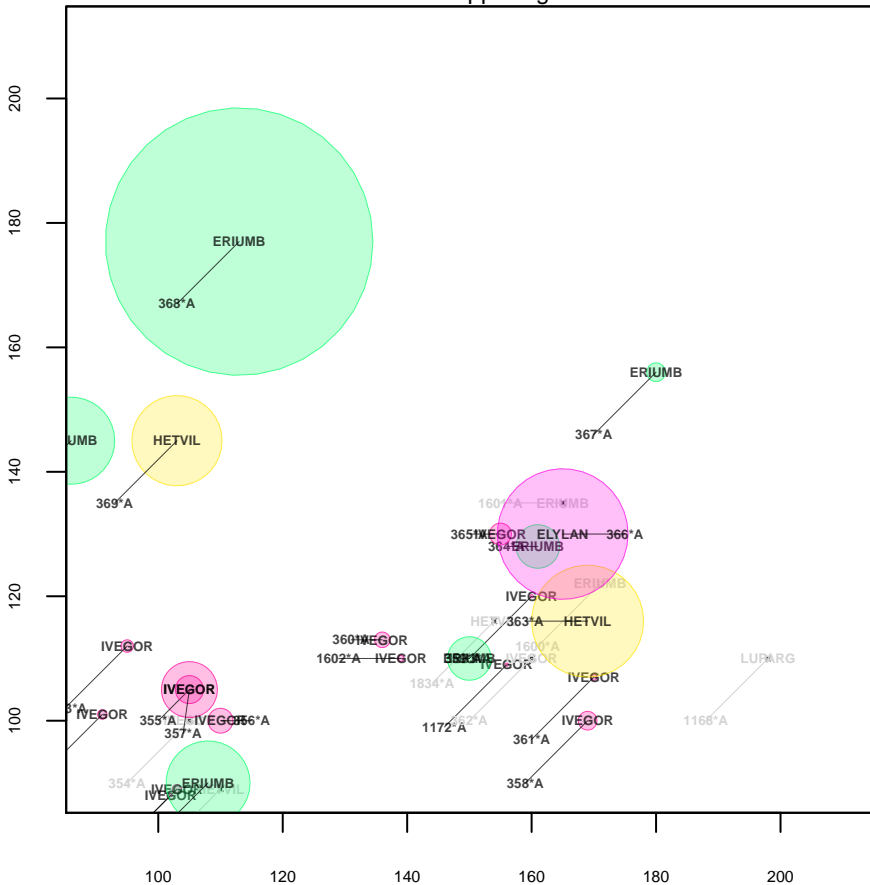




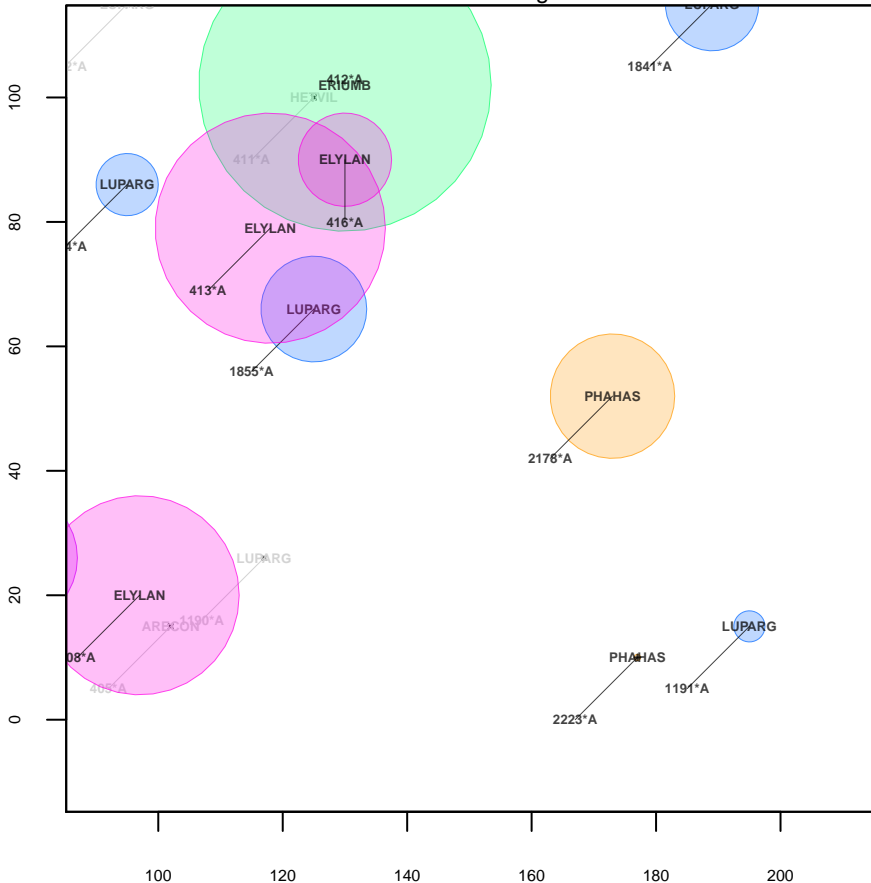
Plot 19 Upper left



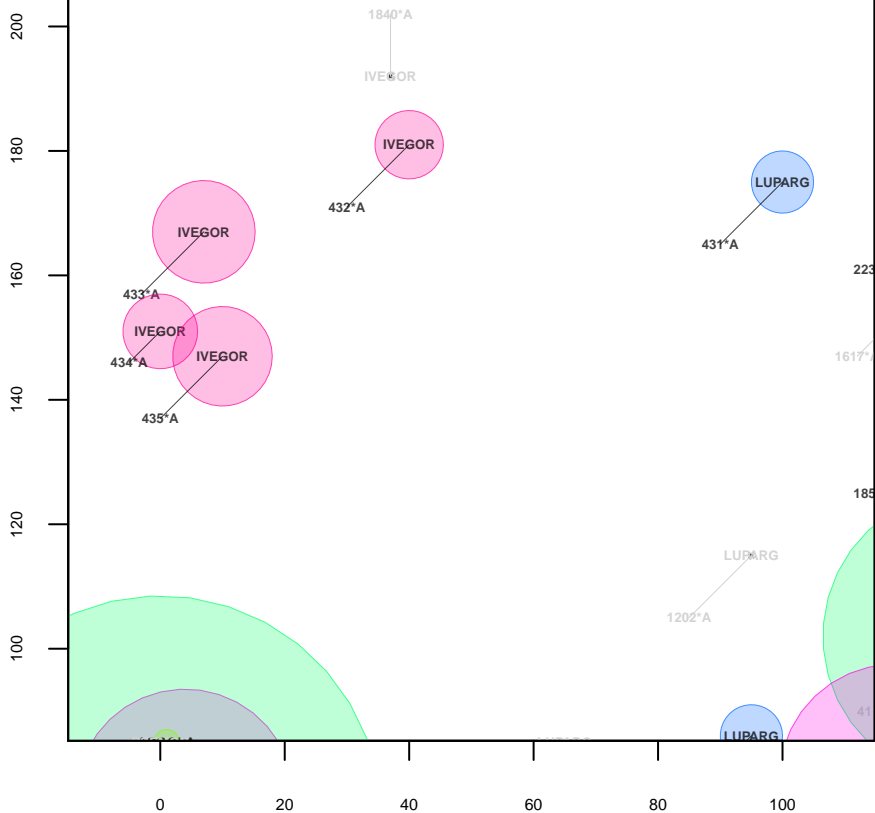
Plot 19 Upper right



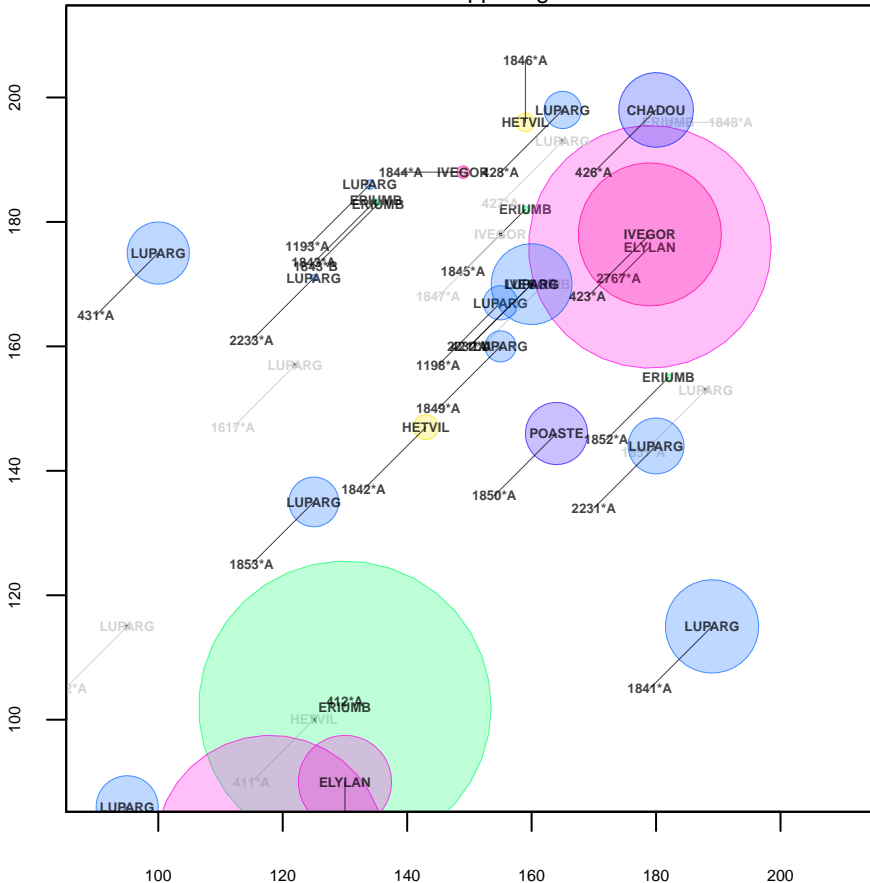
100



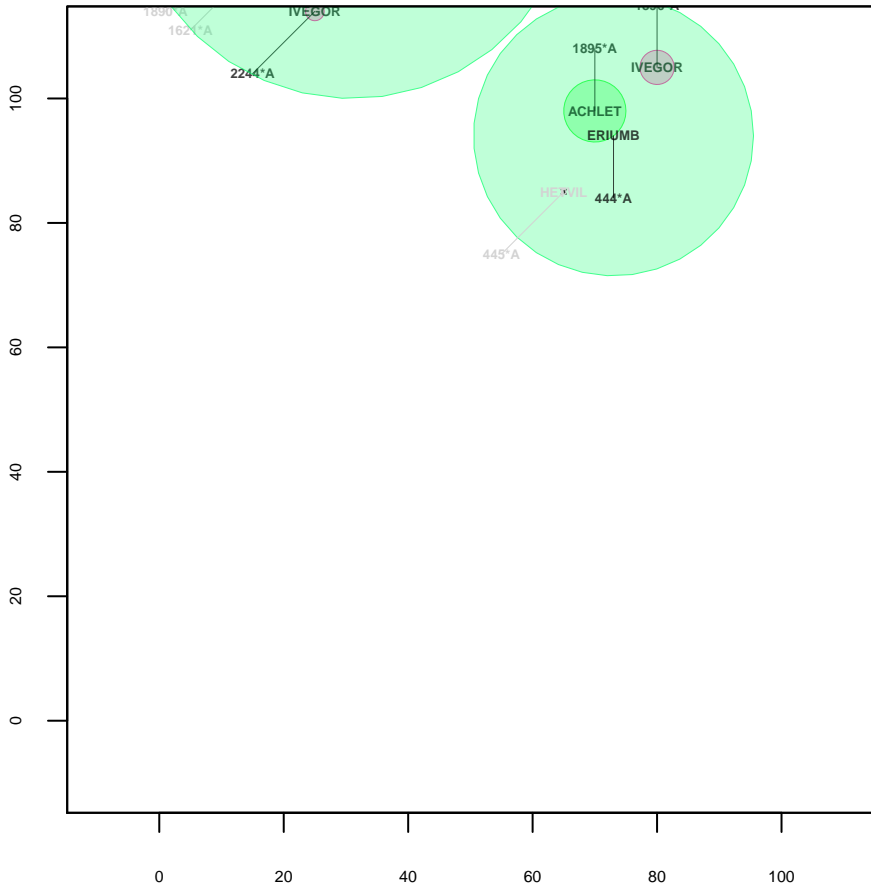
Plot 20 Upper left



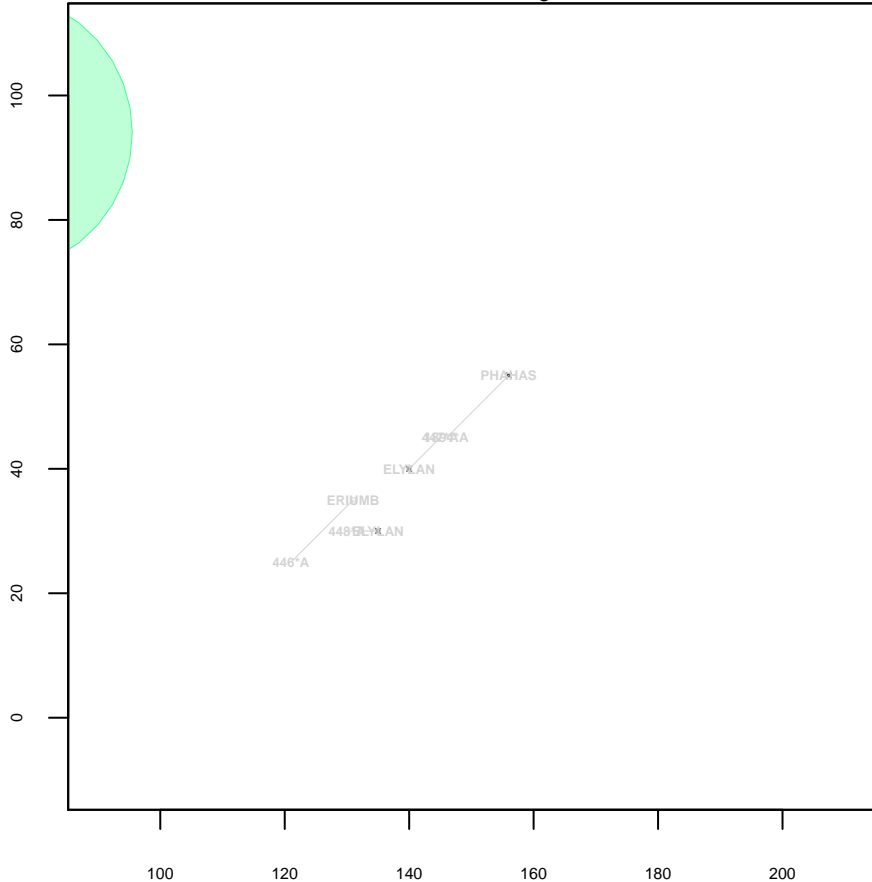
Plot 20 Upper right



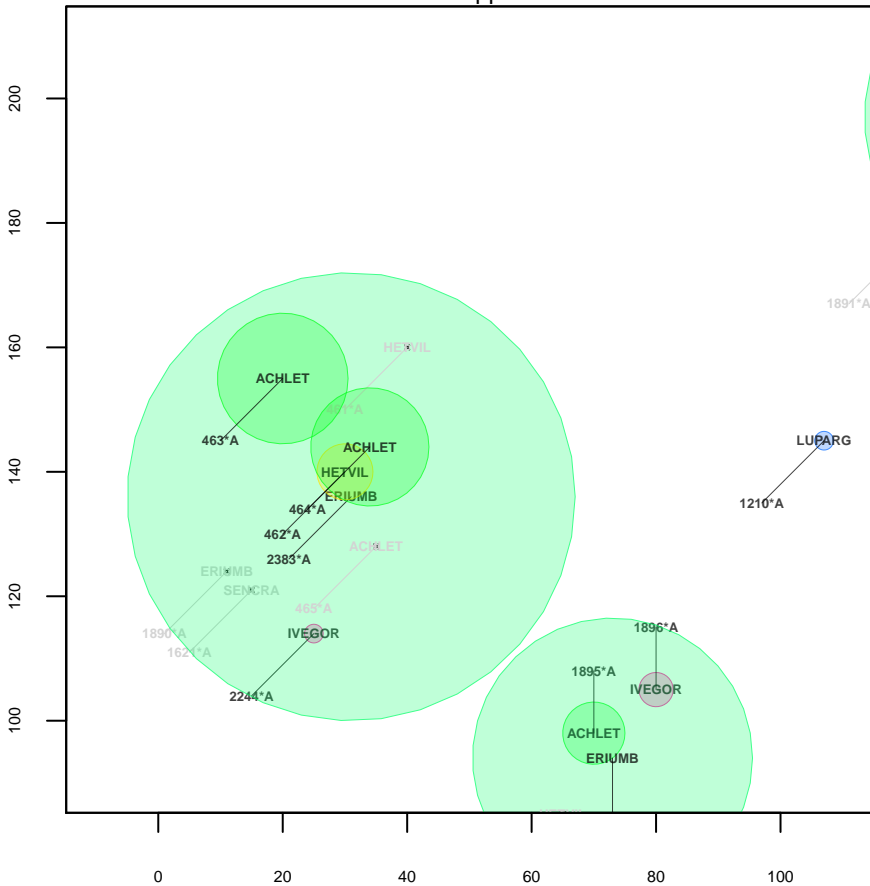
Plot 21 Lower left



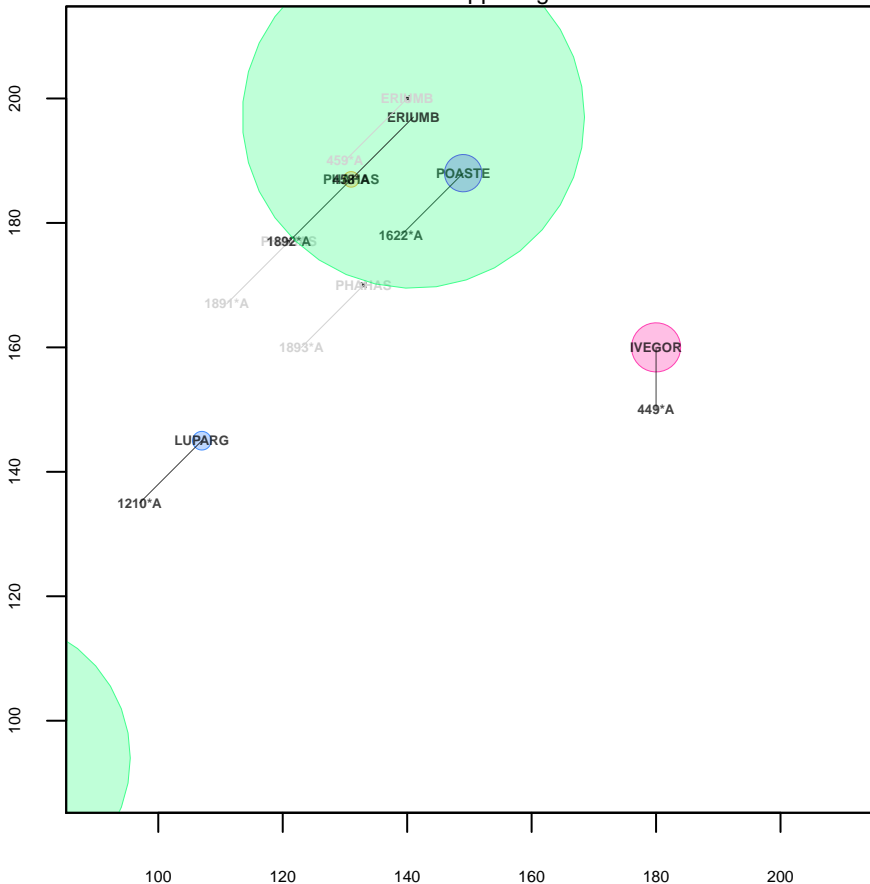
Plot 21 Lower right



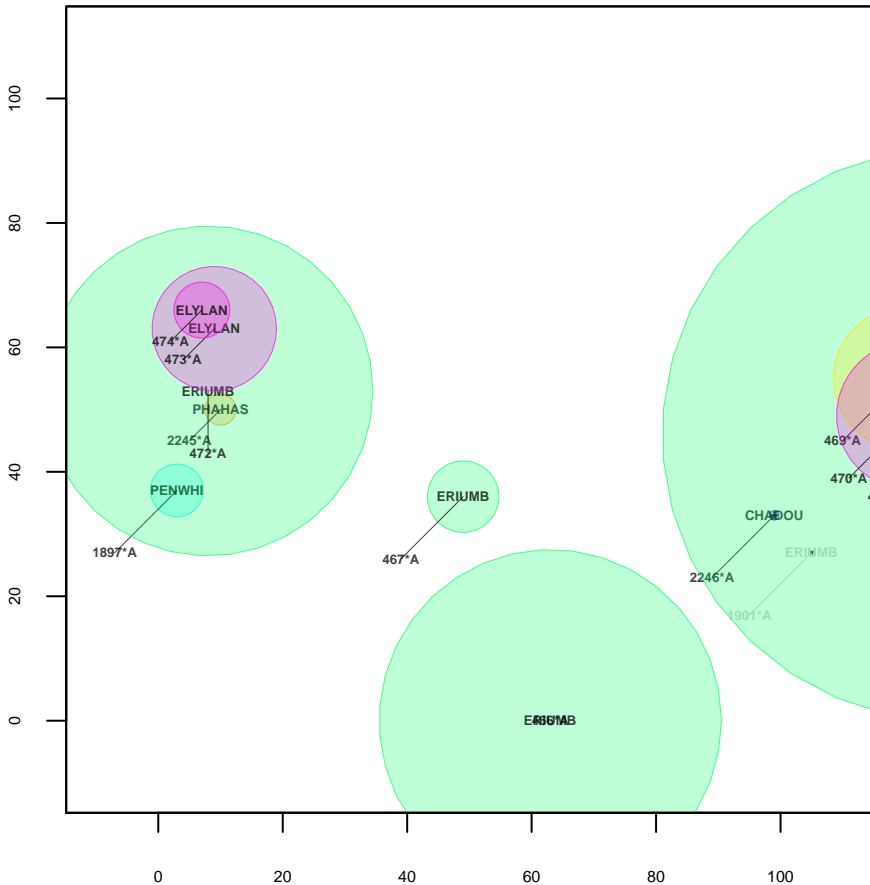
Plot 21 Upper left



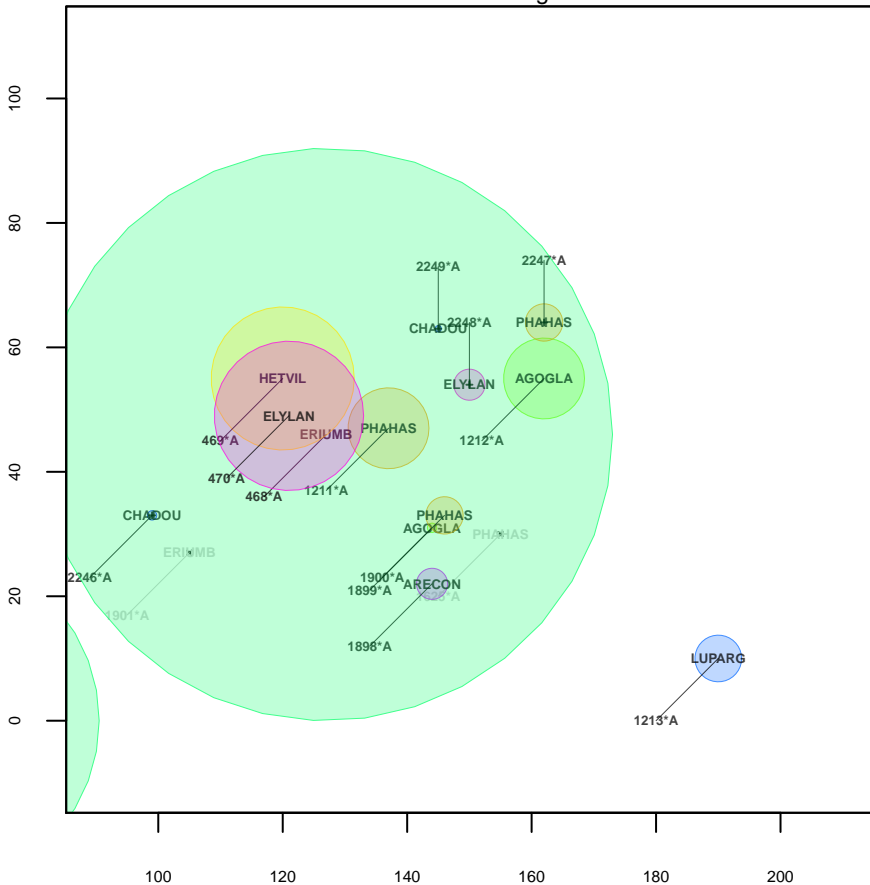
Plot 21 Upper right



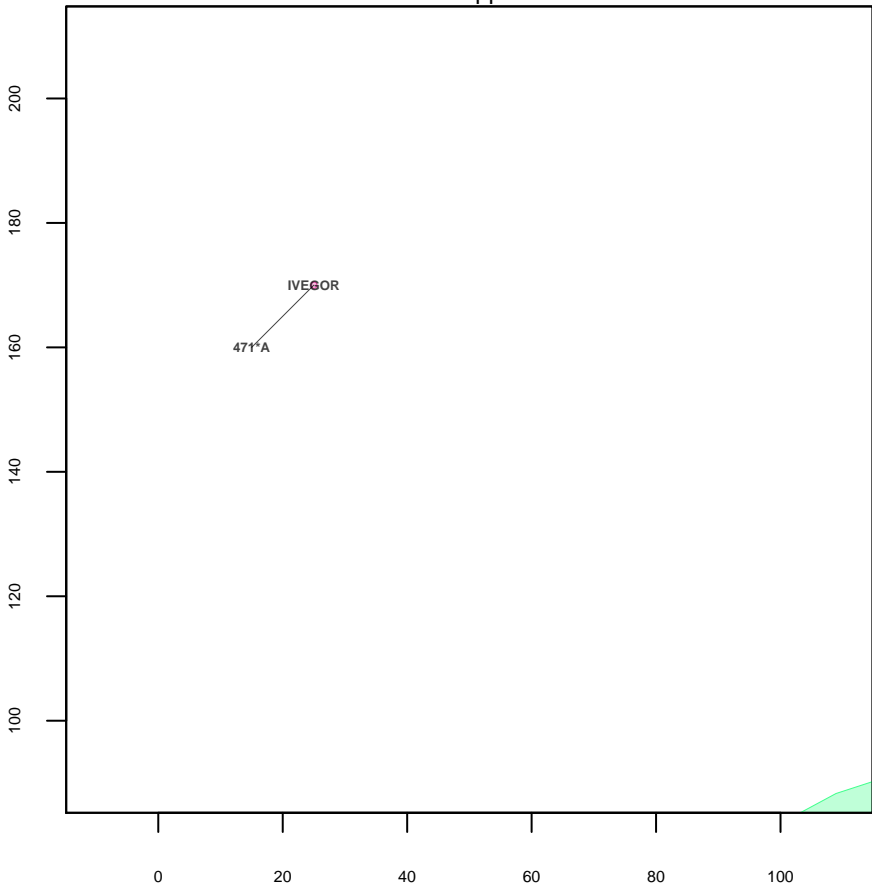
Plot 22 Lower left



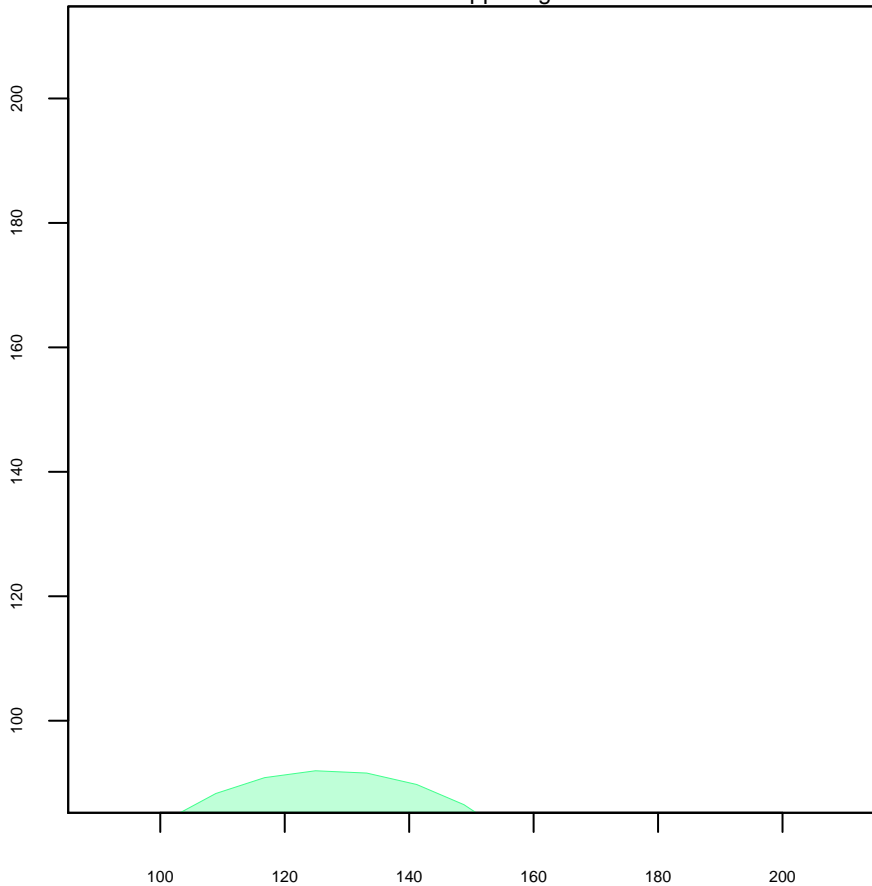
Plot 22 Lower right



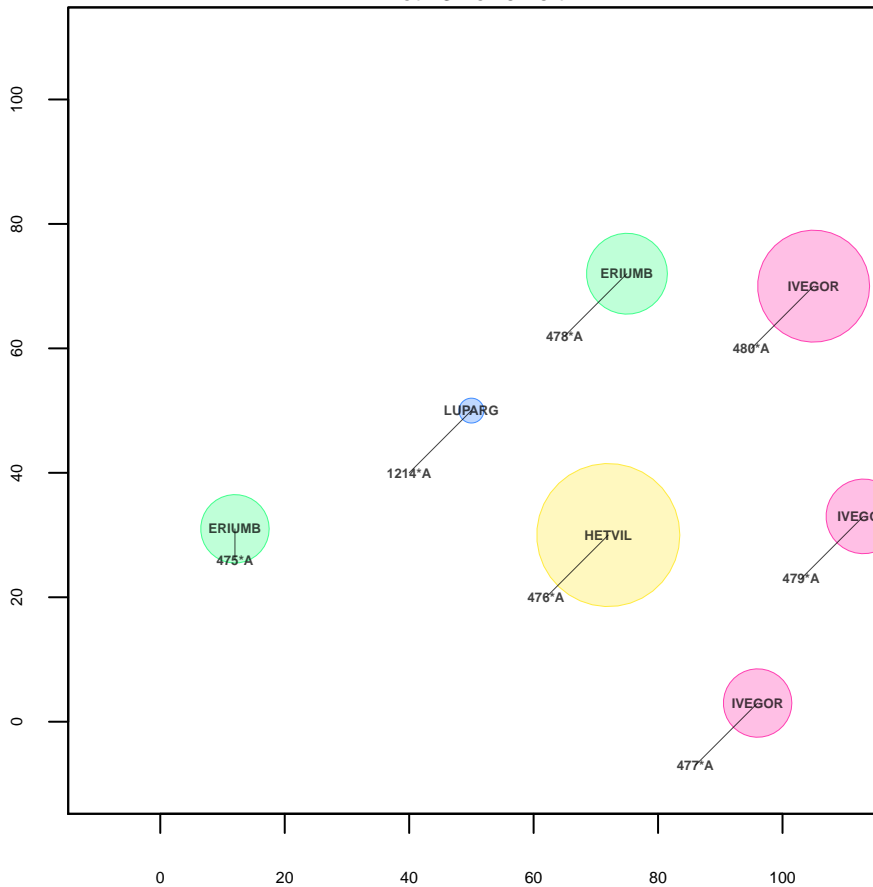
Plot 22 Upper left



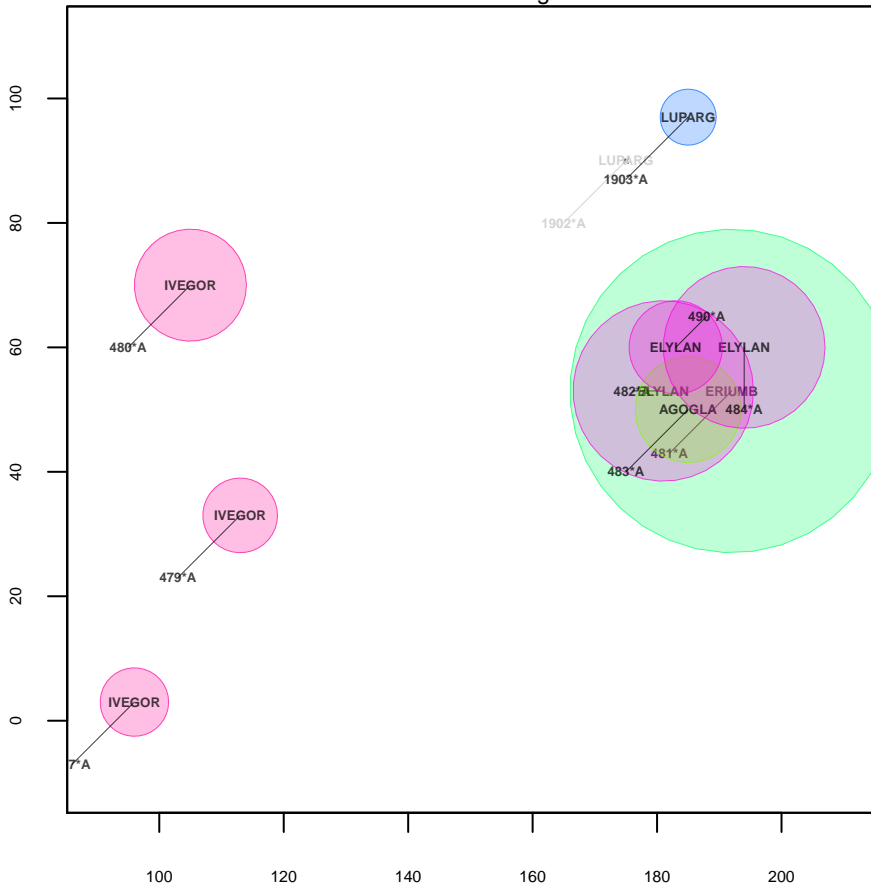
Plot 22 Upper right



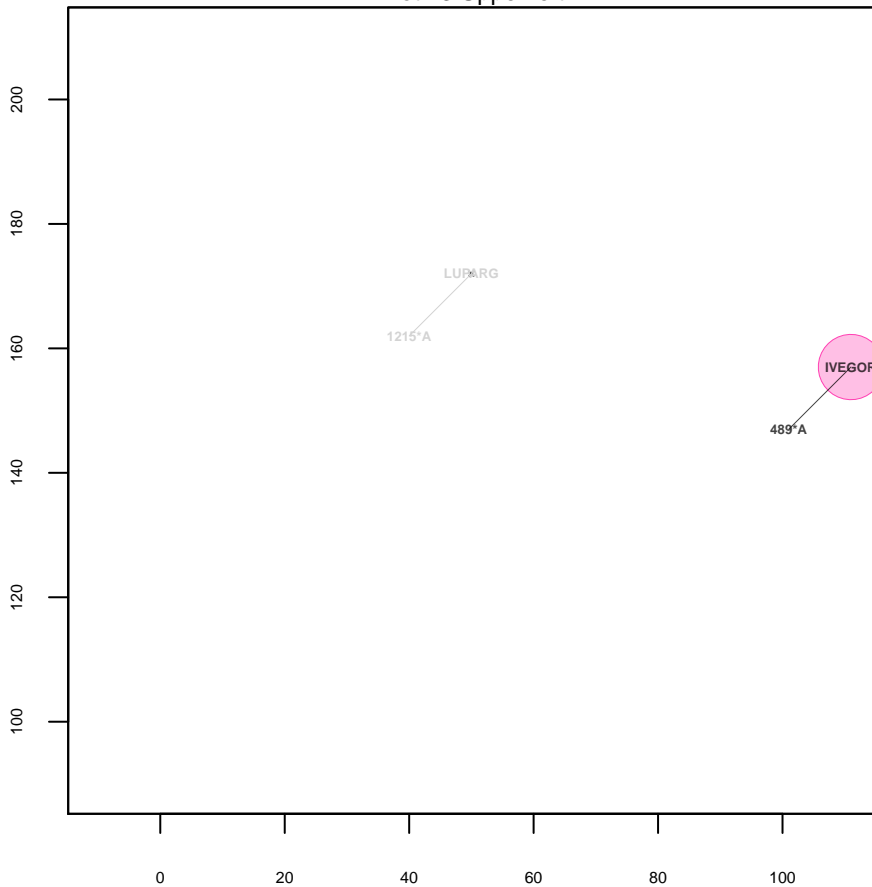
Plot 23 Lower left



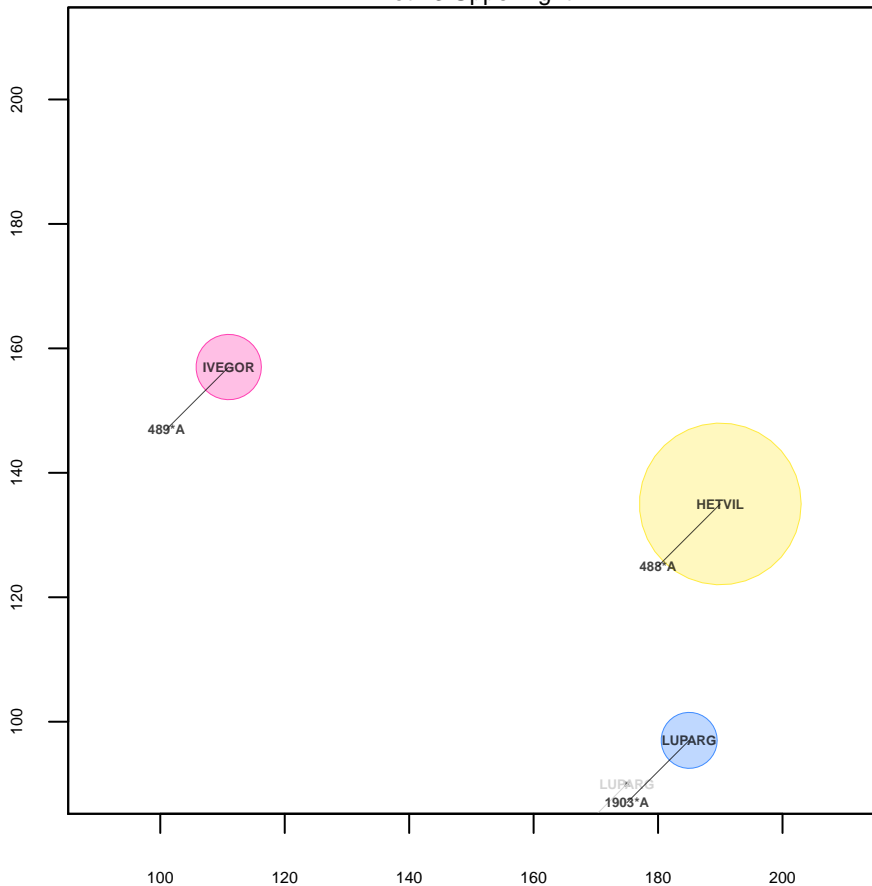
Plot 23 Lower right



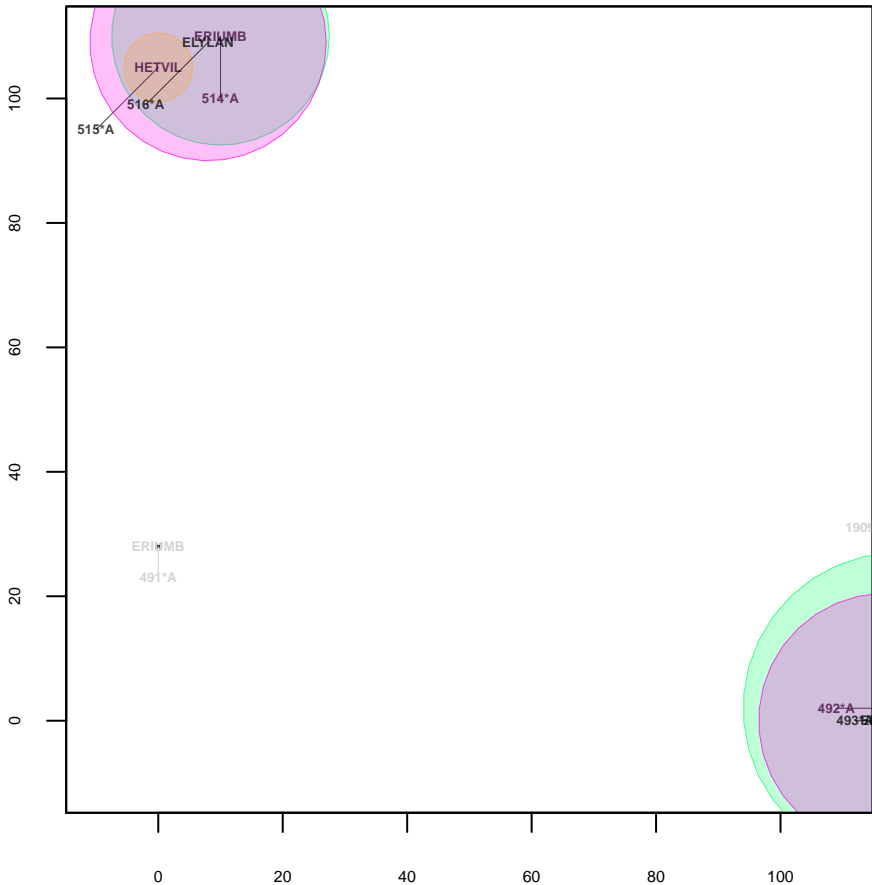
Plot 23 Upper left



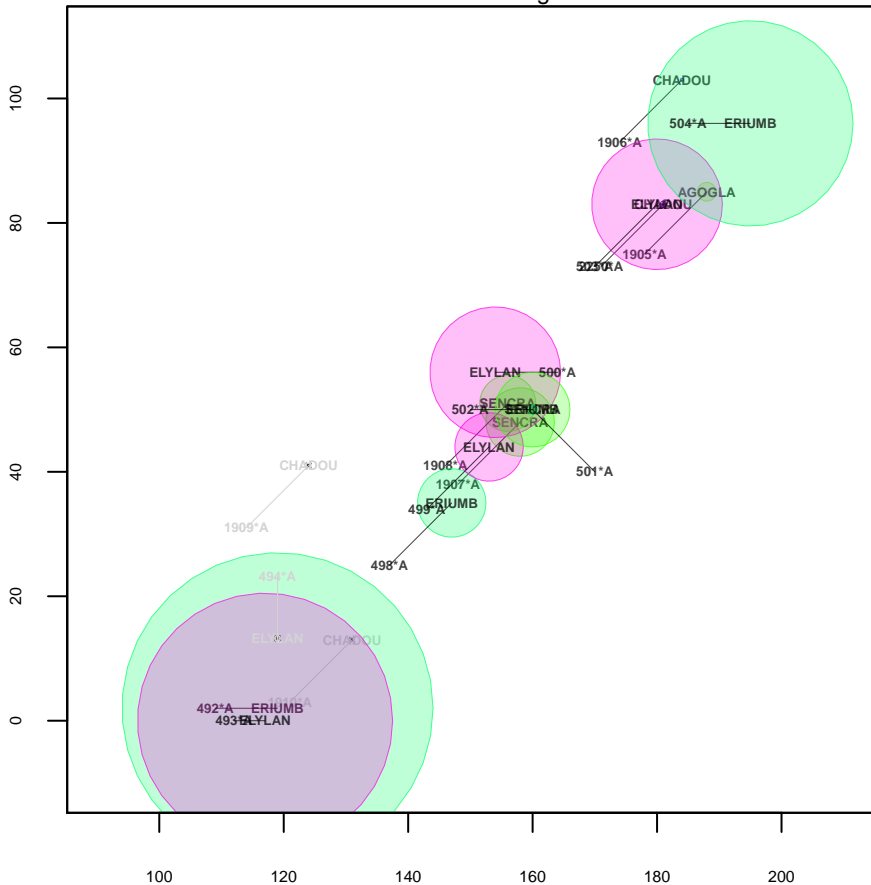
Plot 23 Upper right



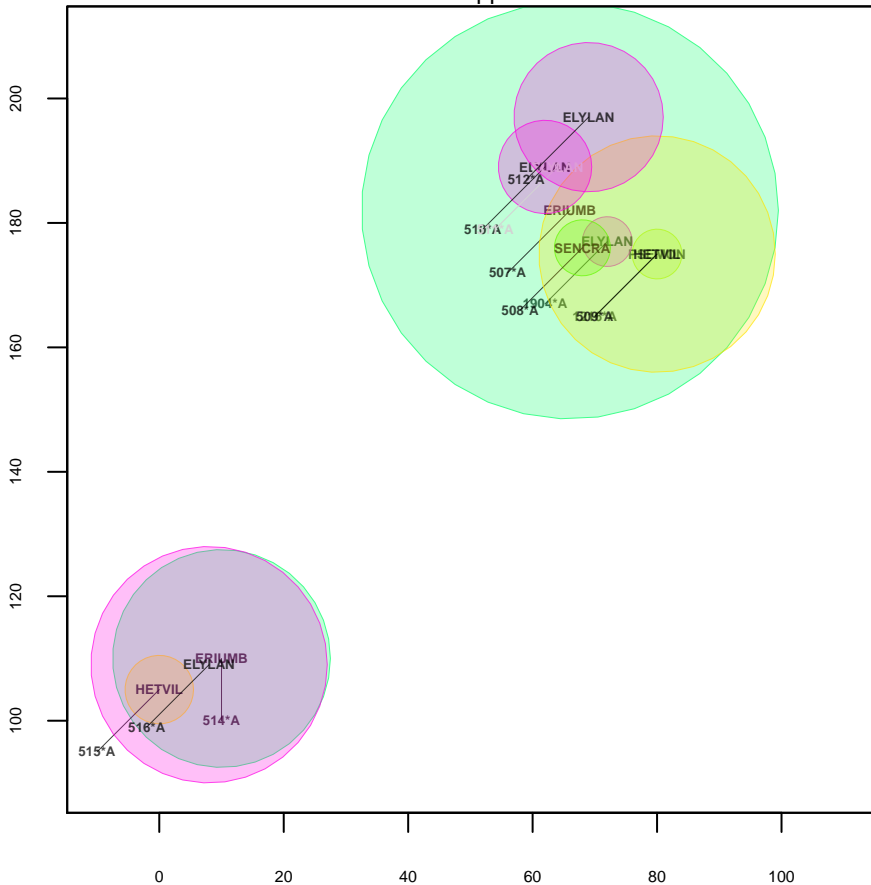
Plot 24 Lower left



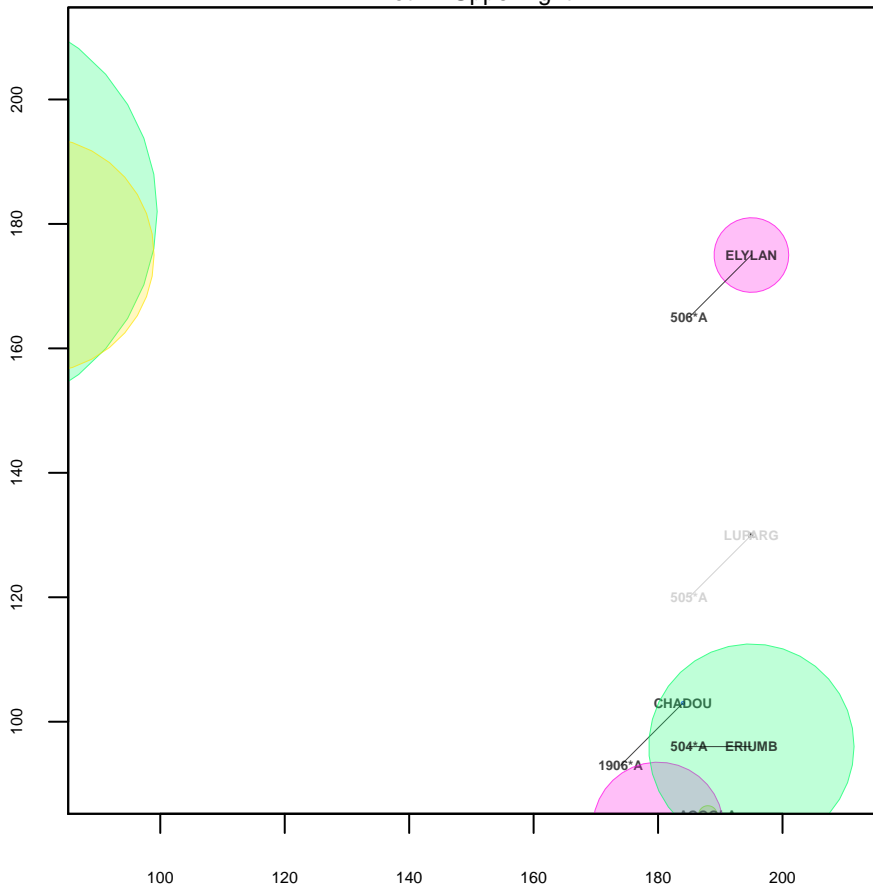
Plot 24 Lower right



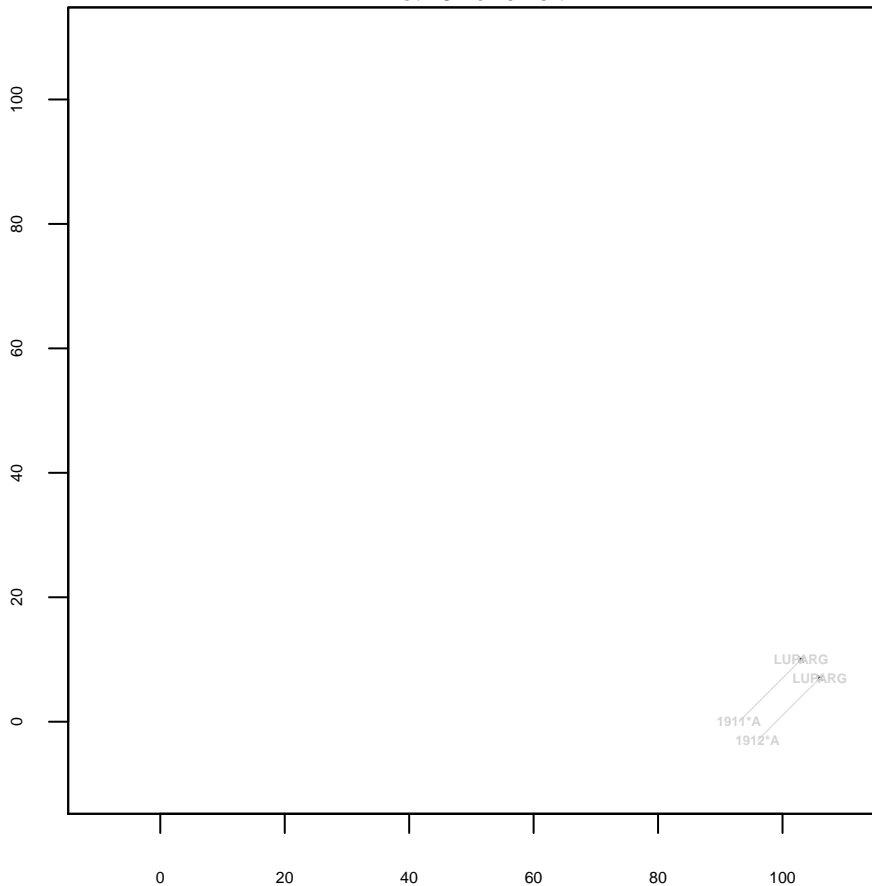
Plot 24 Upper left



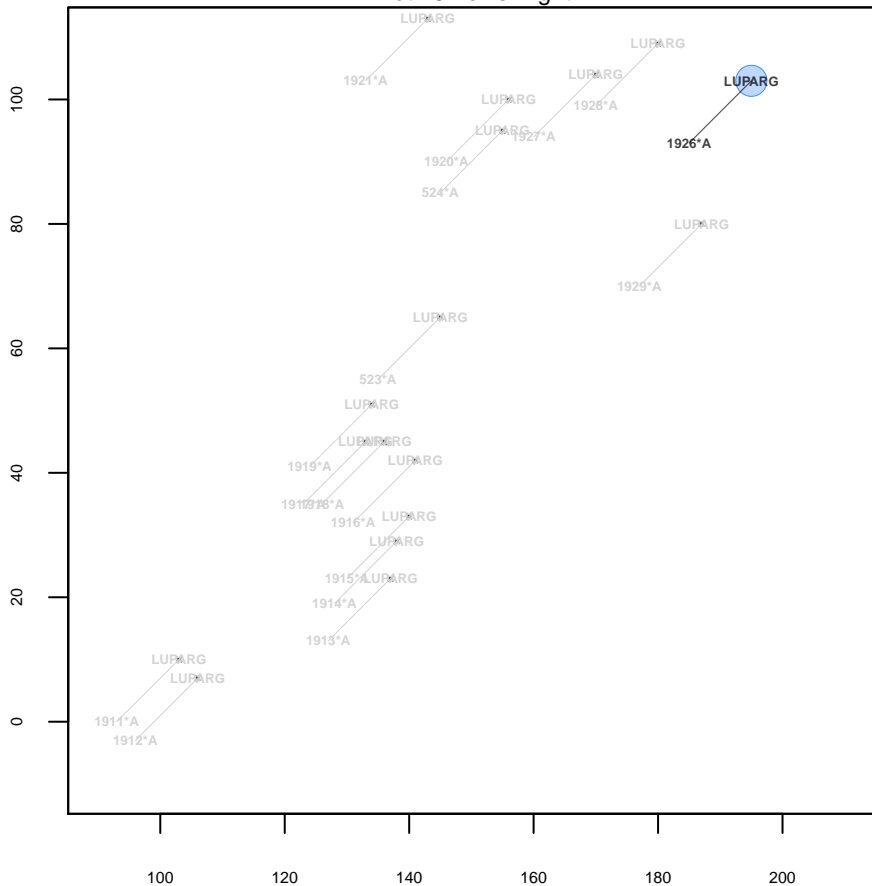
Plot 24 Upper right



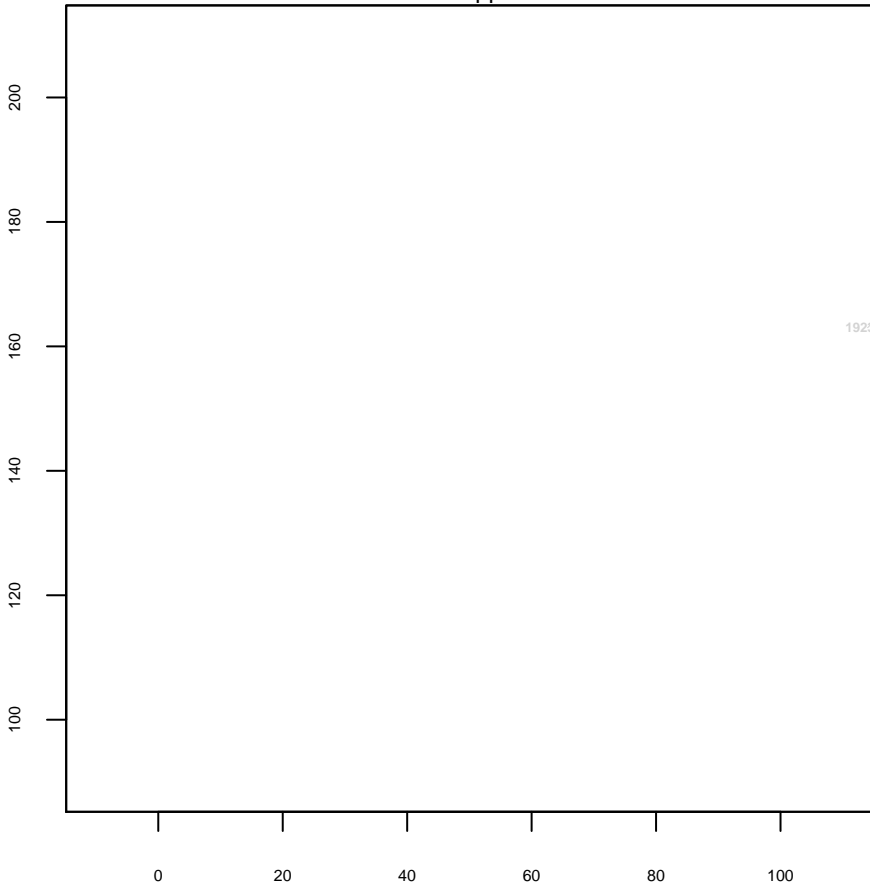
Plot 25 Lower left



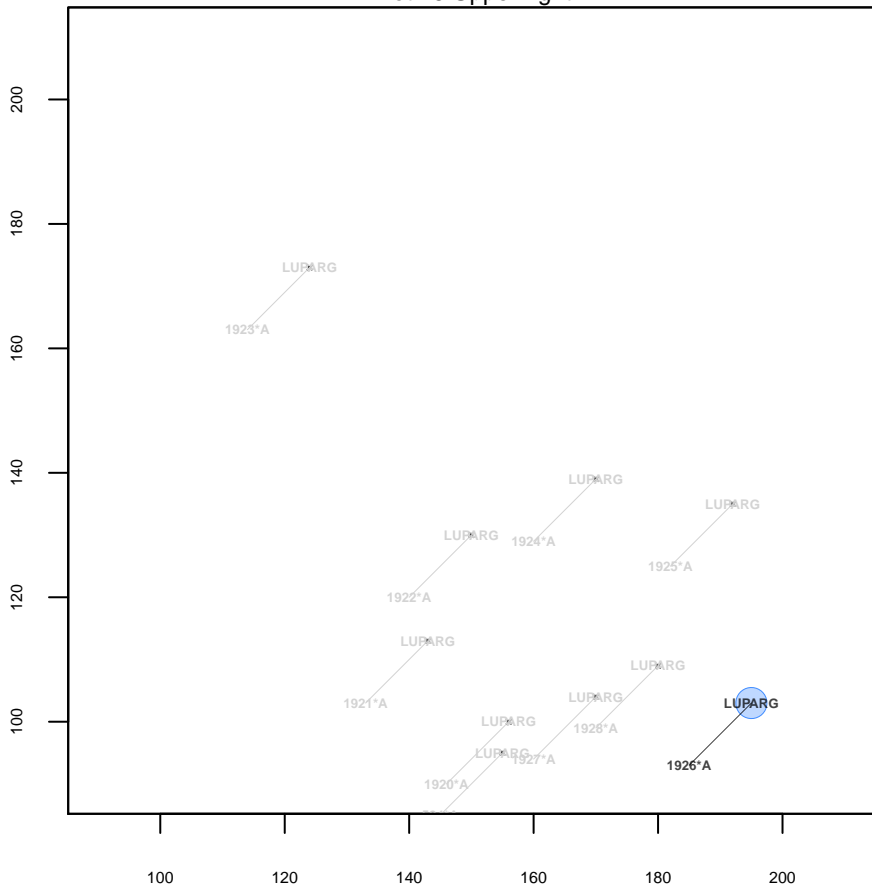
Plot 25 Lower right



Plot 25 Upper left



Plot 25 Upper right



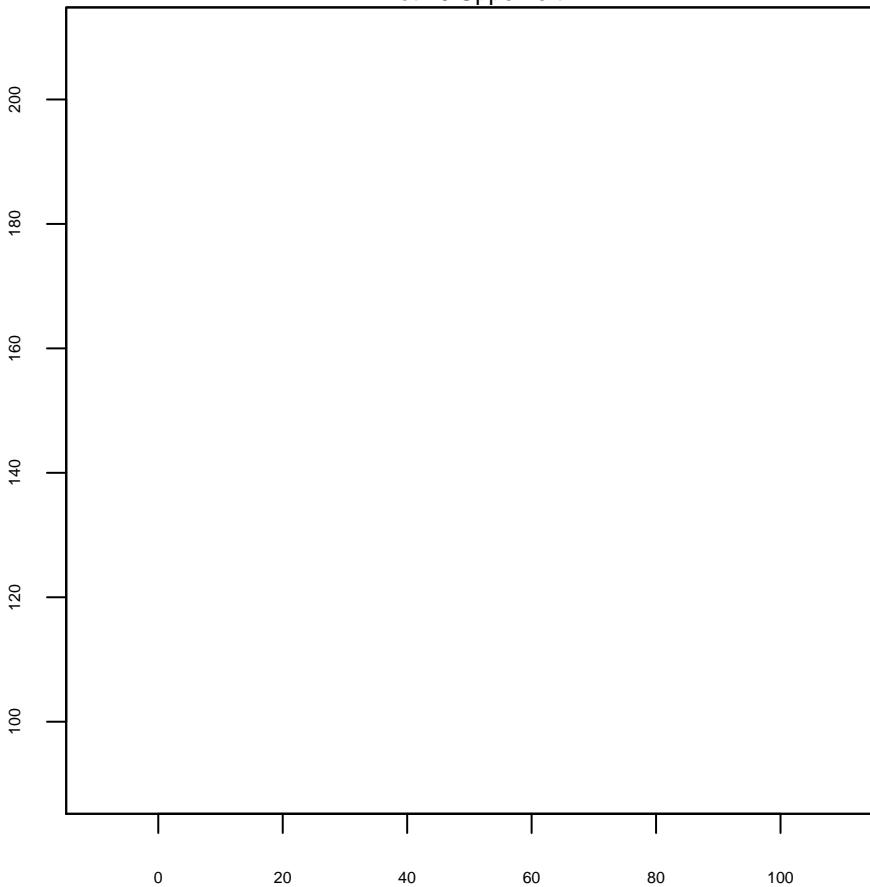
Plot 26 Lower left



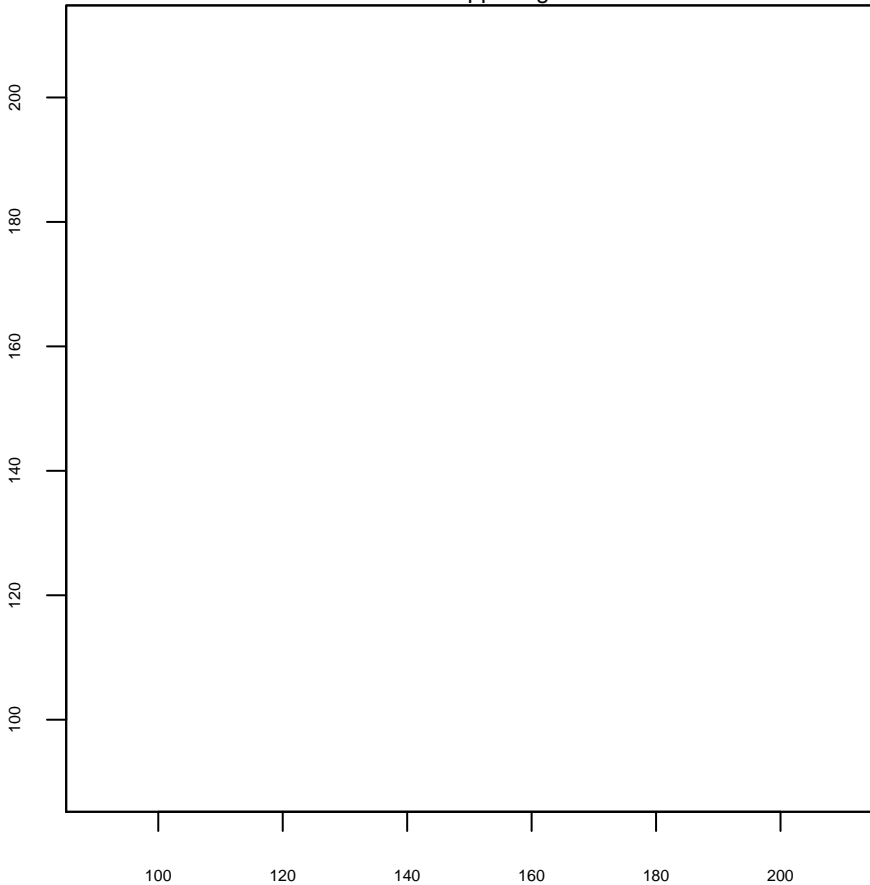
Plot 26 Lower right

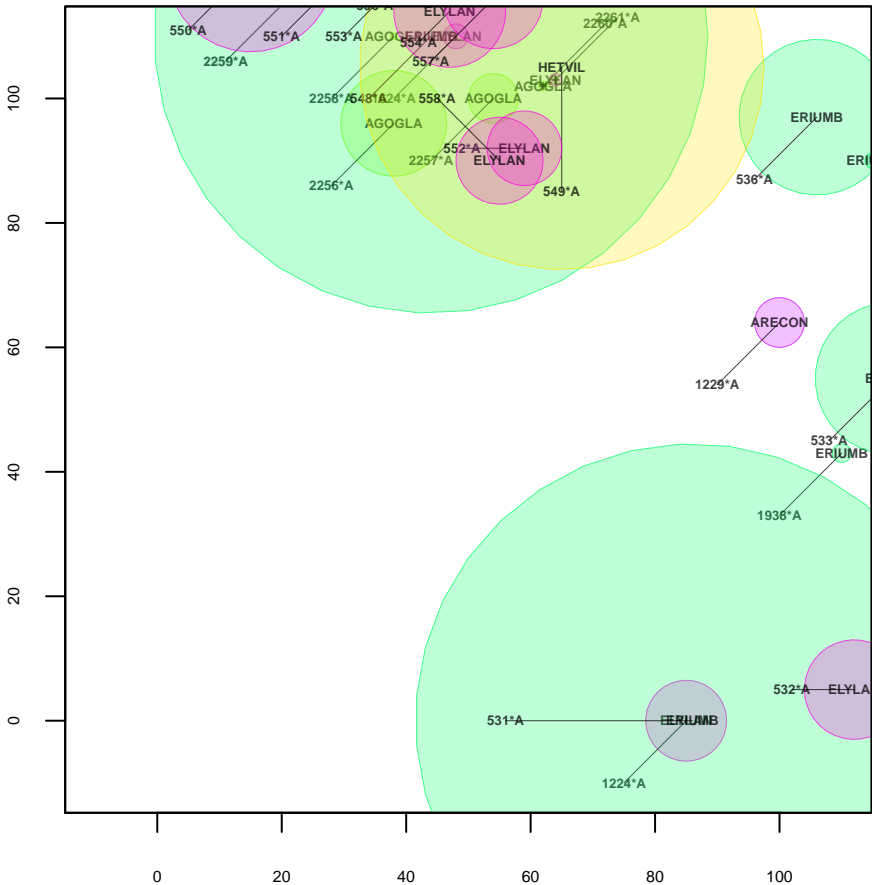


Plot 26 Upper left

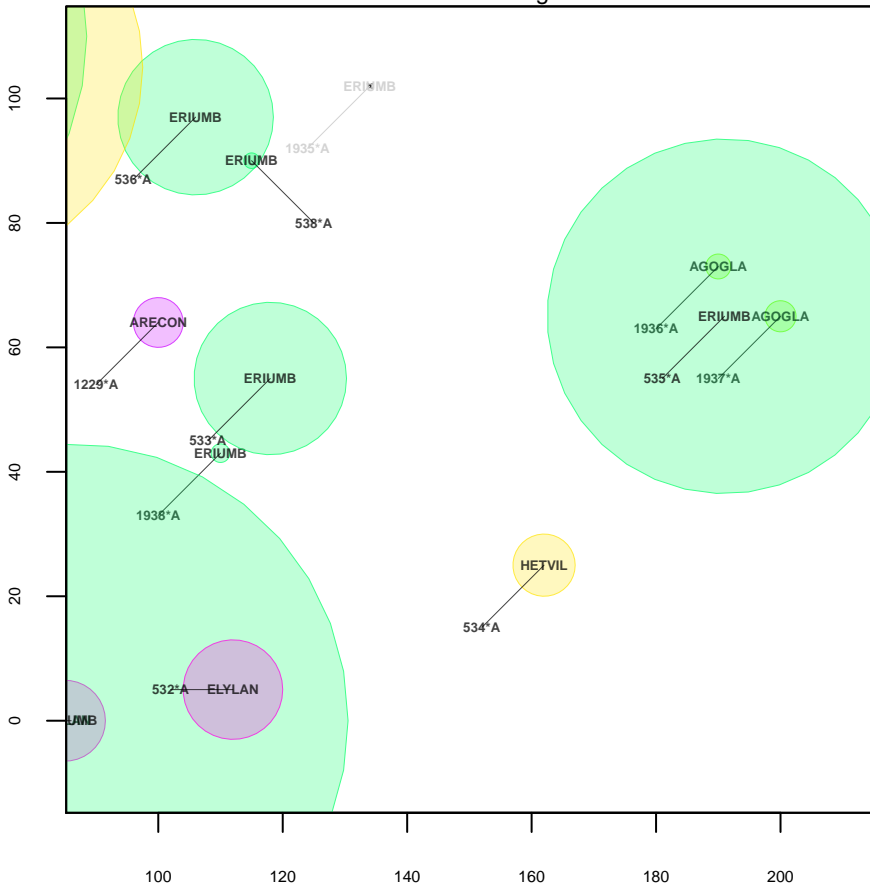


Plot 26 Upper right

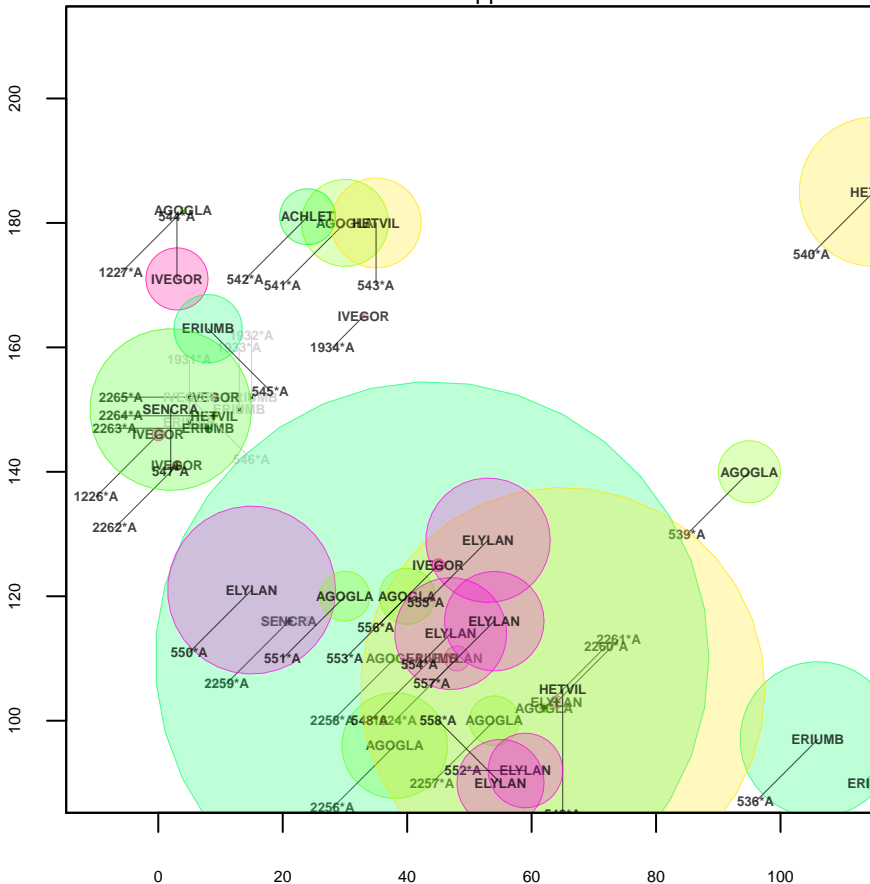




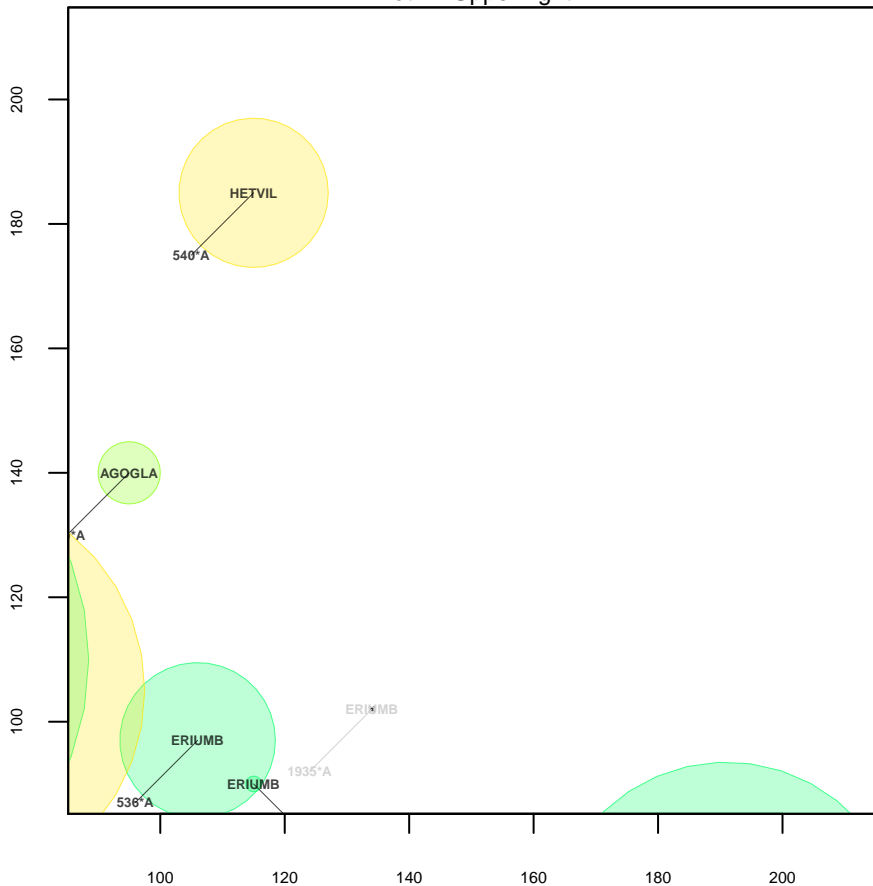
Plot 27 Lower right



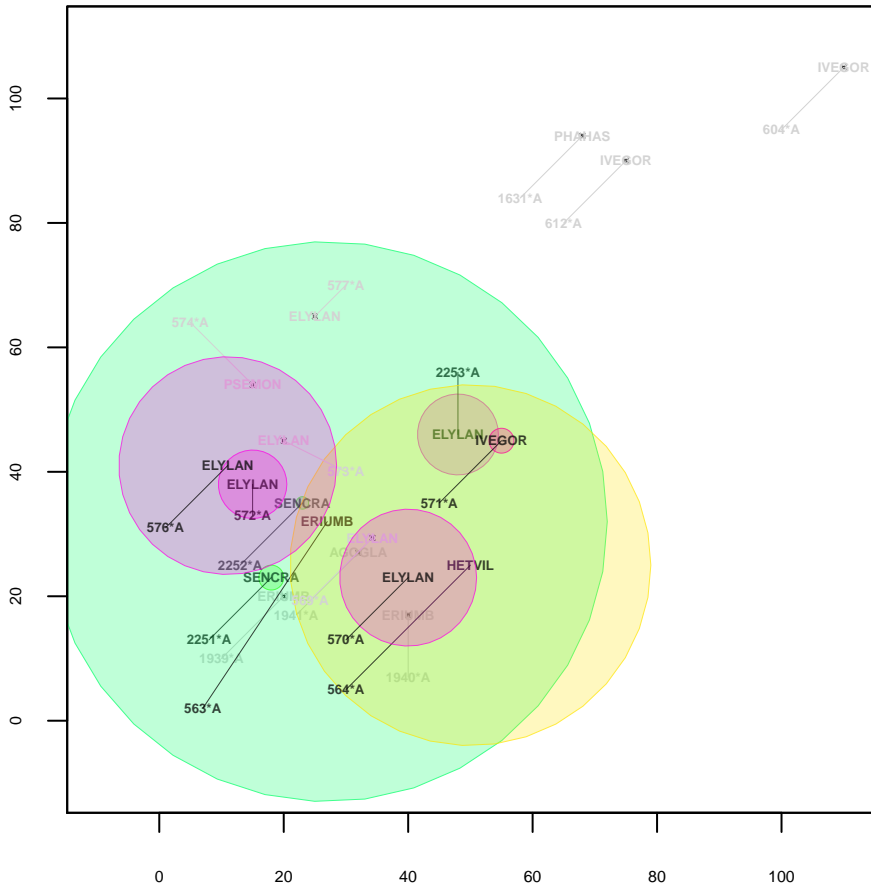
Plot 27 Upper left



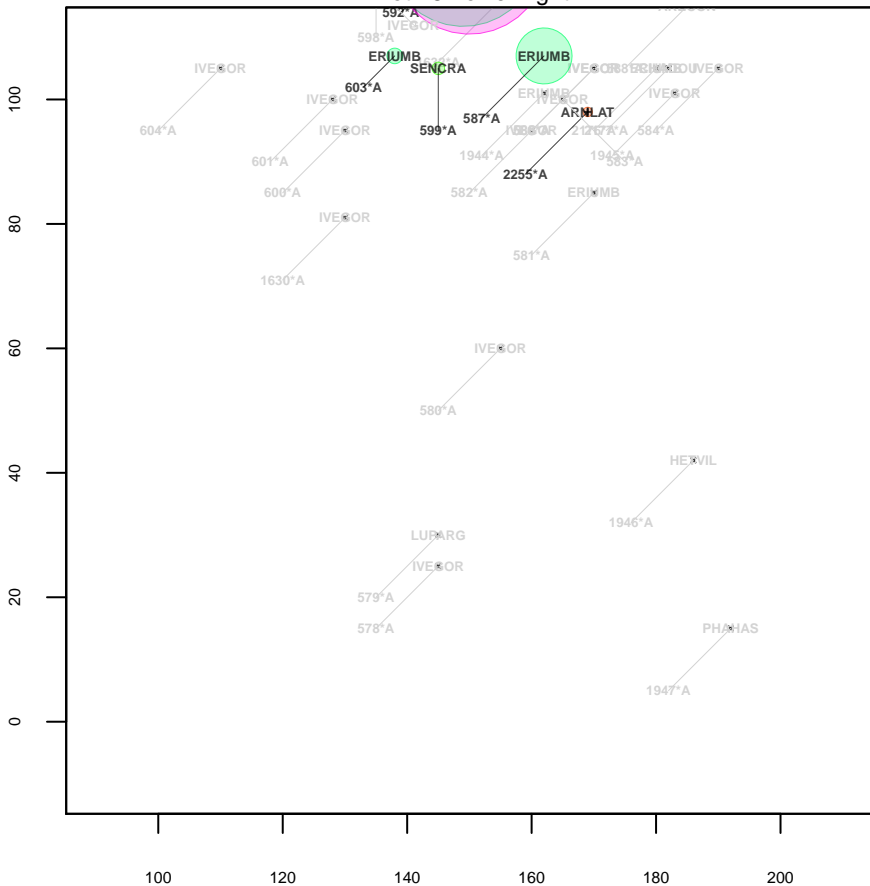
Plot 27 Upper right



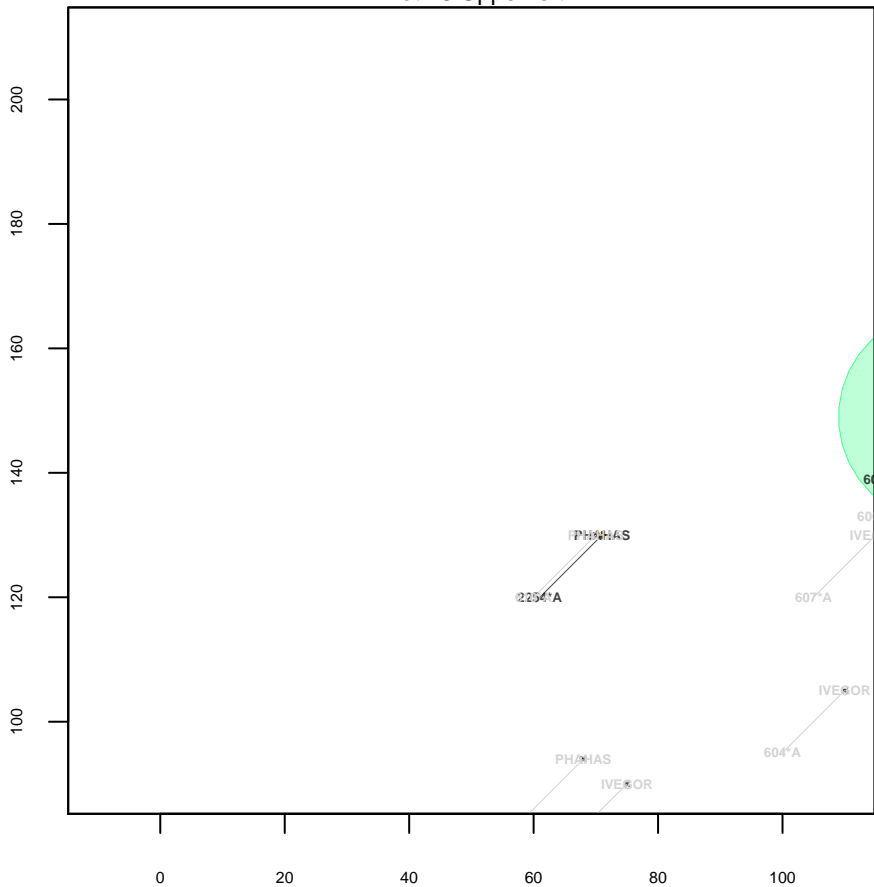
Plot 28 Lower left



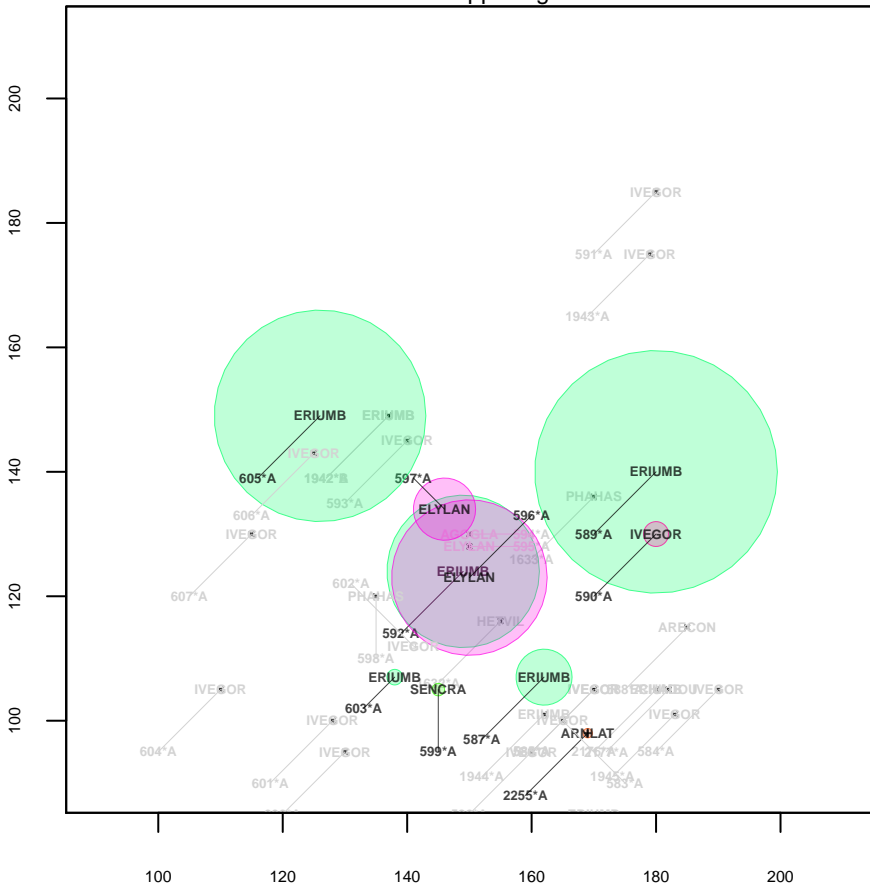
Plot 28 Lower right



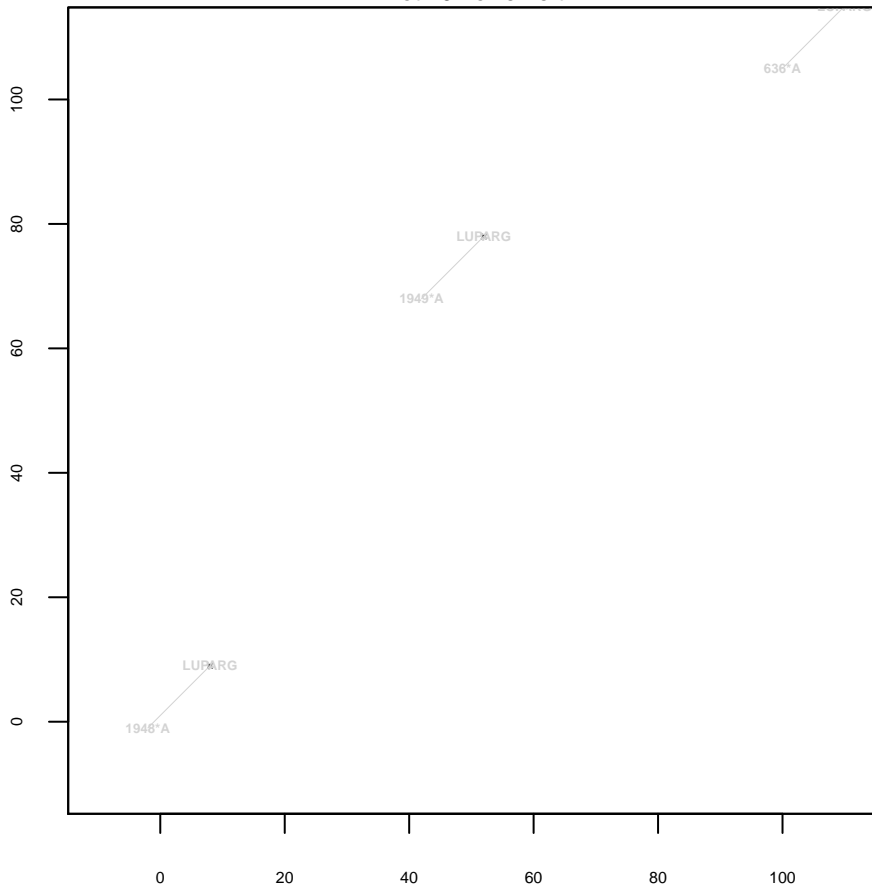
Plot 28 Upper left



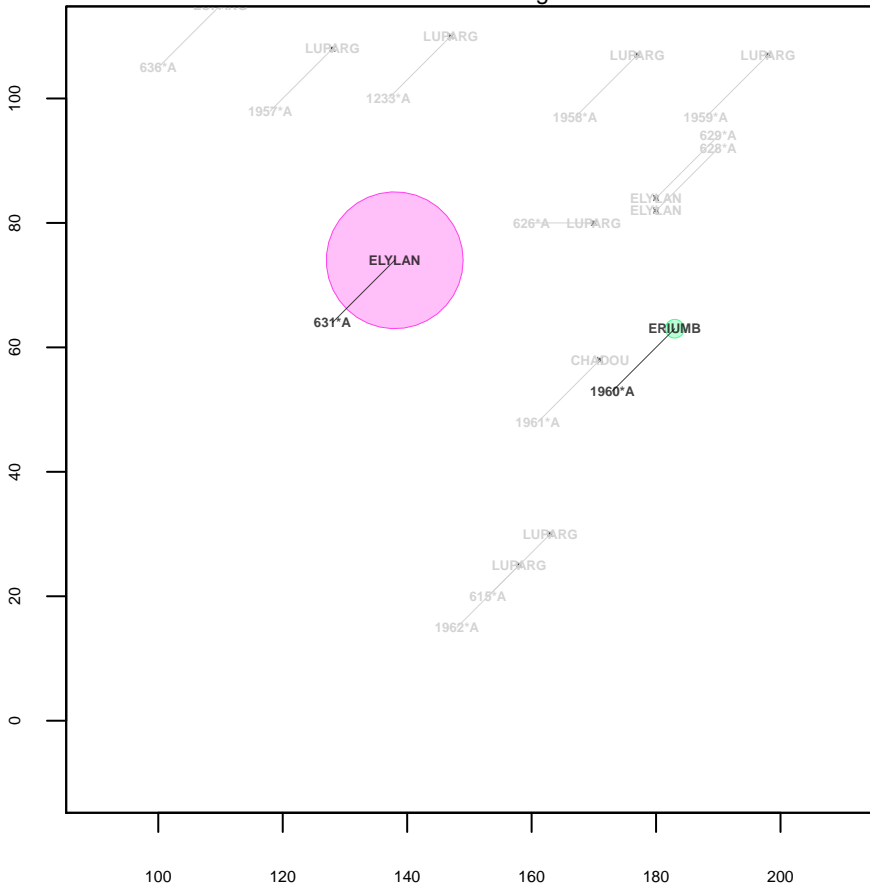
Plot 28 Upper right



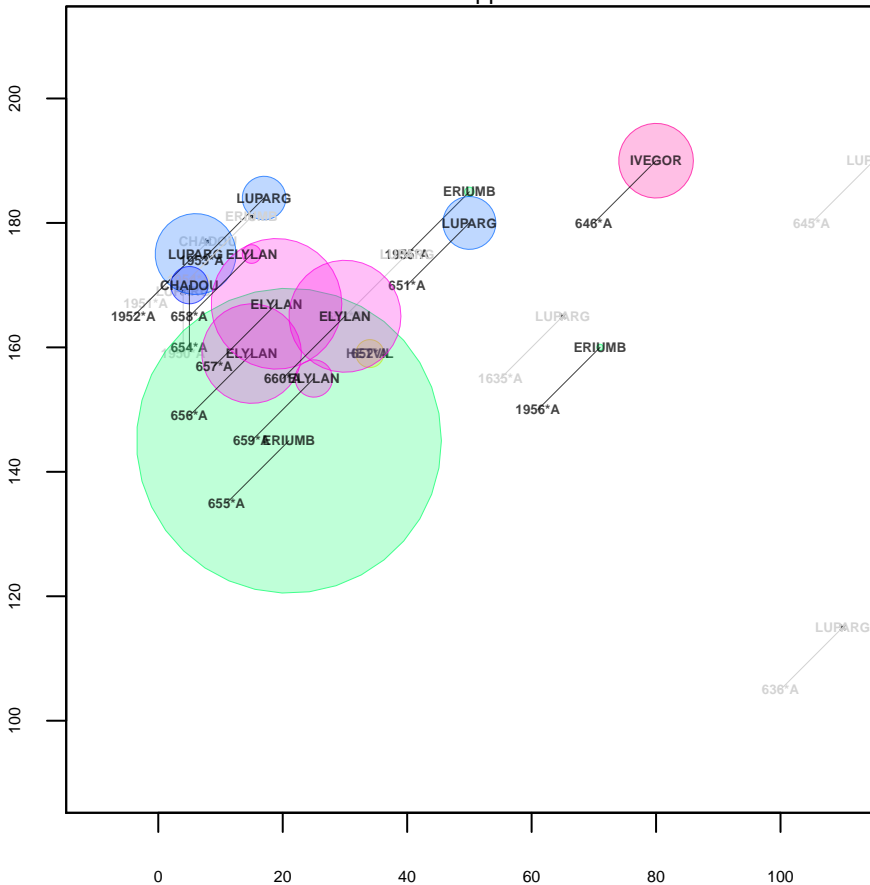
Plot 29 Lower left



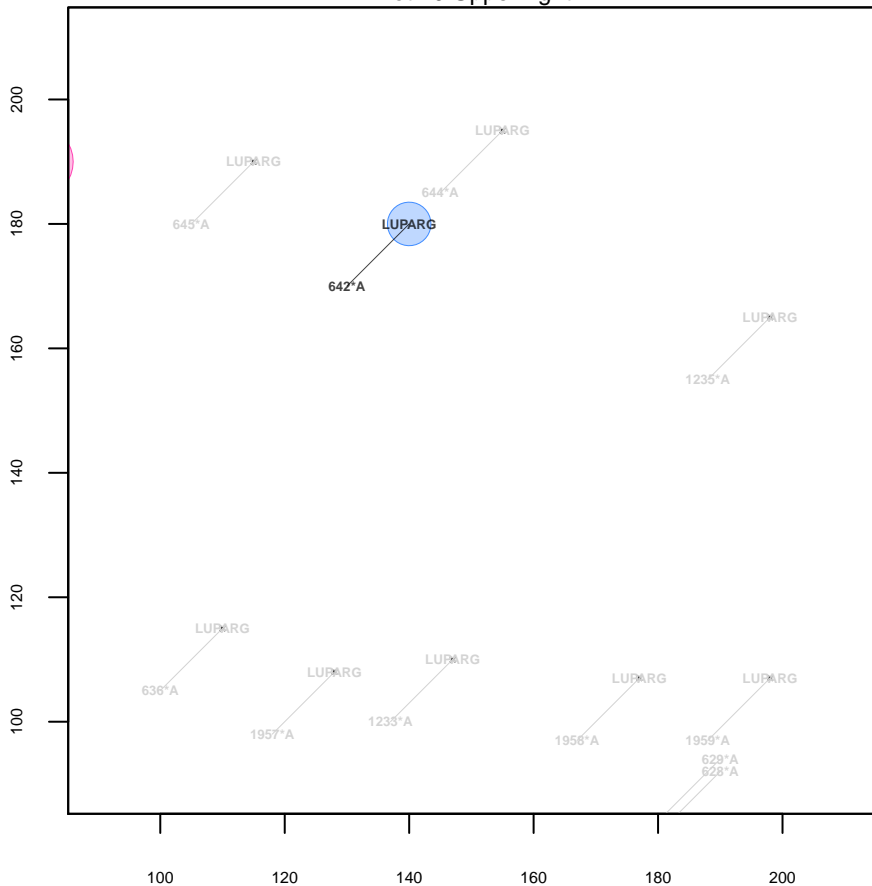
Plot 29 Lower right



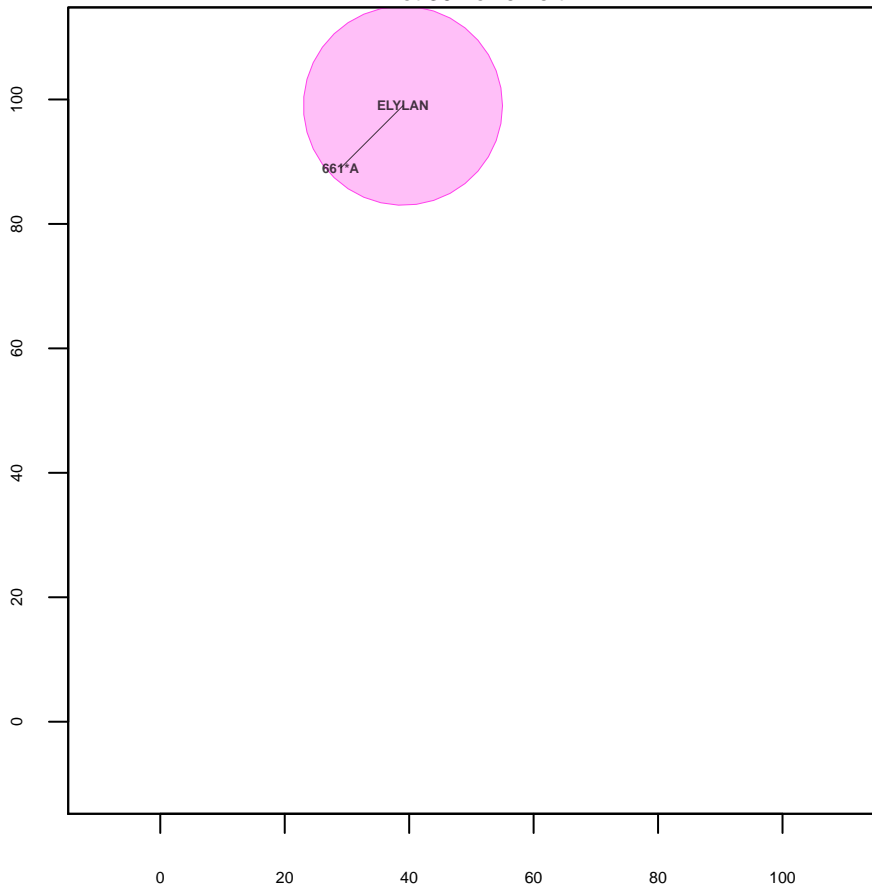
Plot 29 Upper left



Plot 29 Upper right



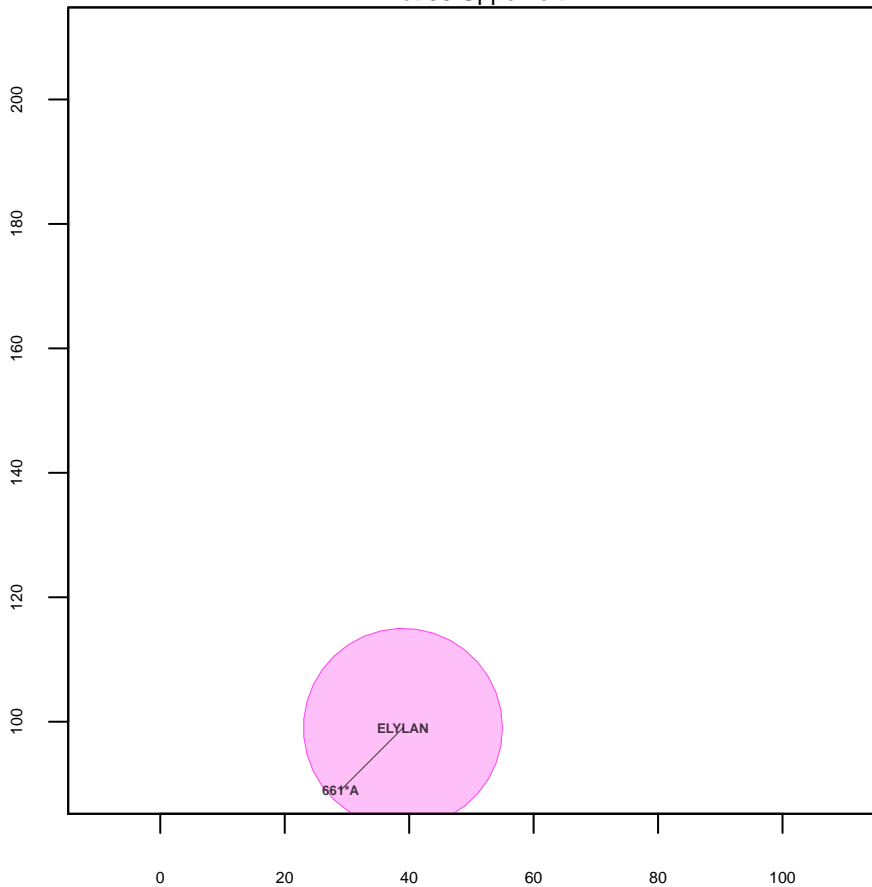
Plot 30 Lower left



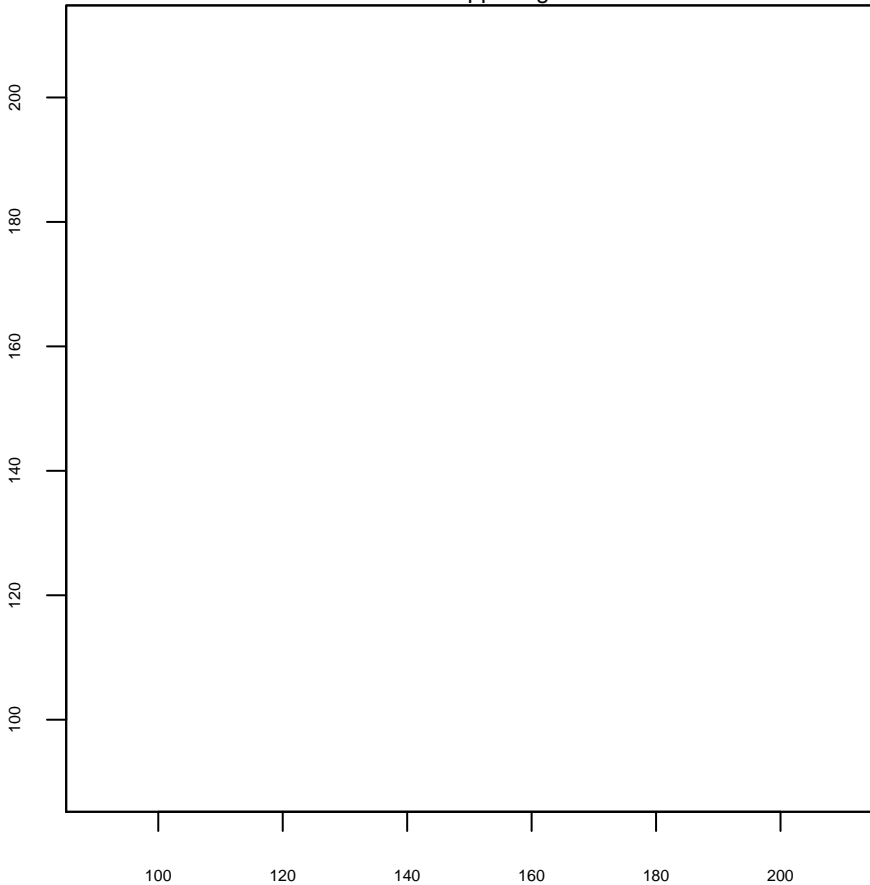
Plot 30 Lower right

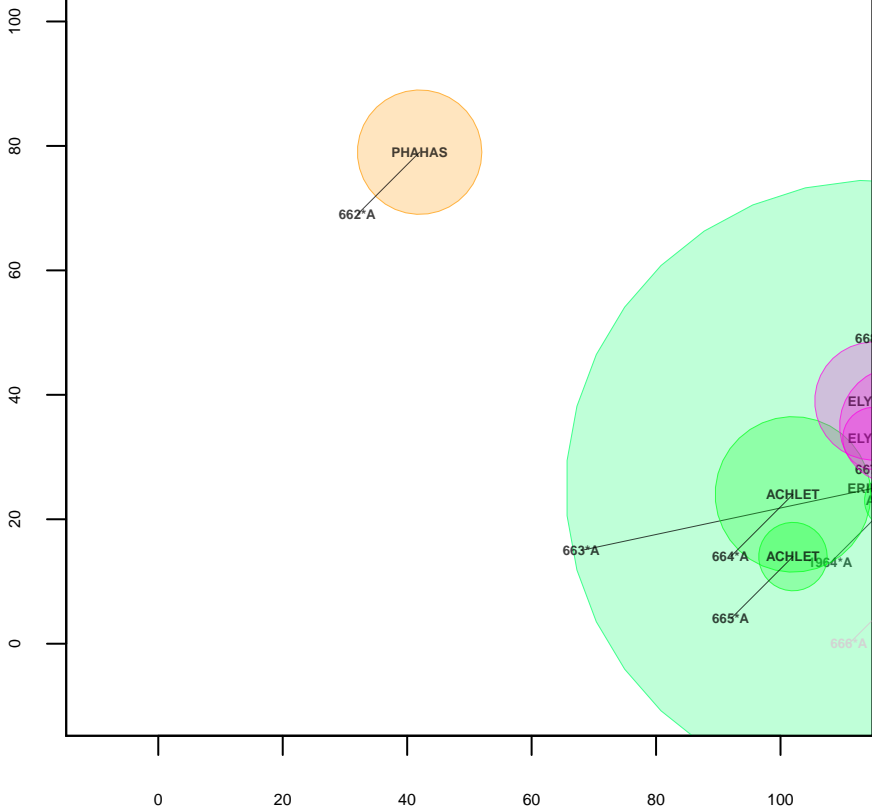


Plot 30 Upper left

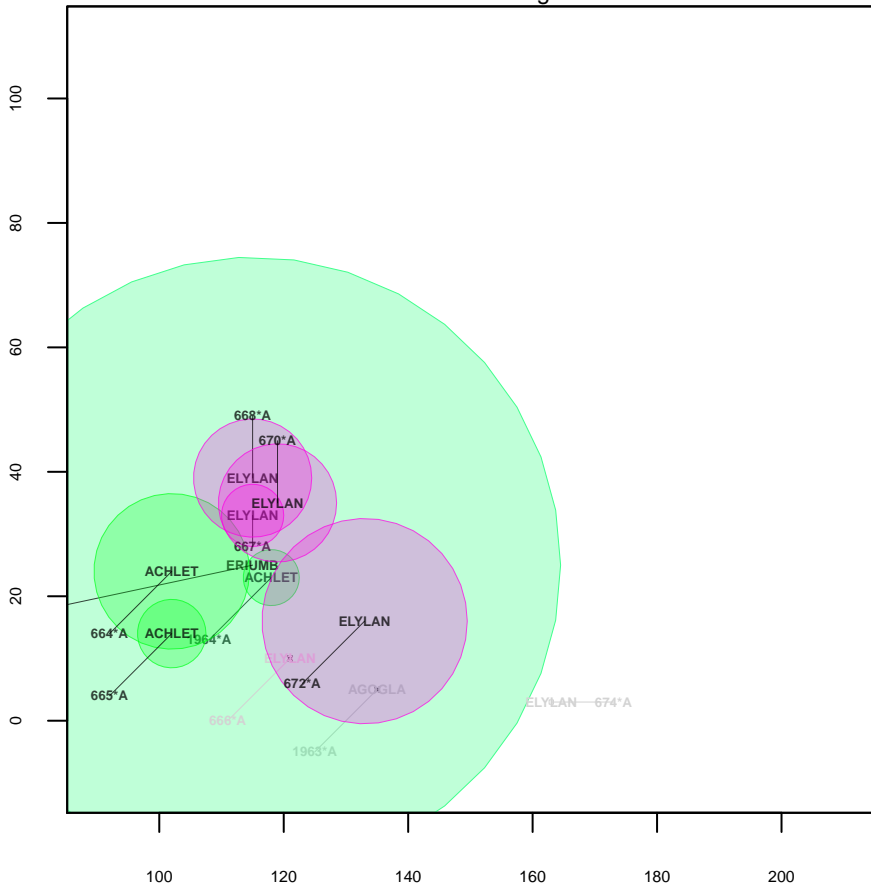


Plot 30 Upper right

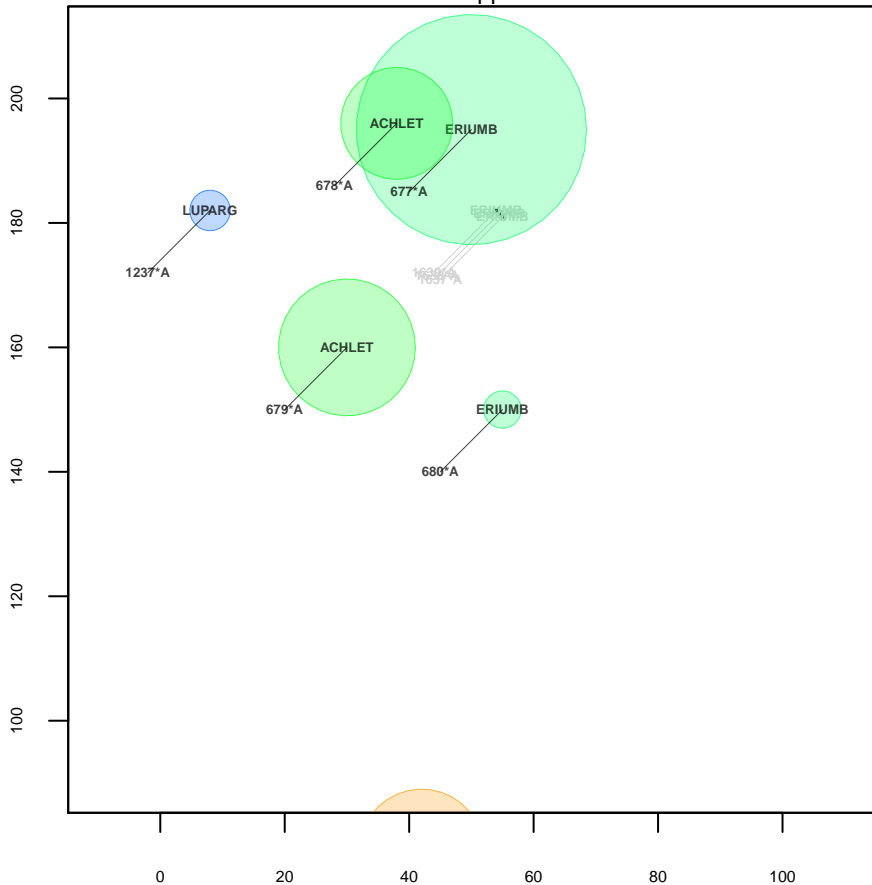




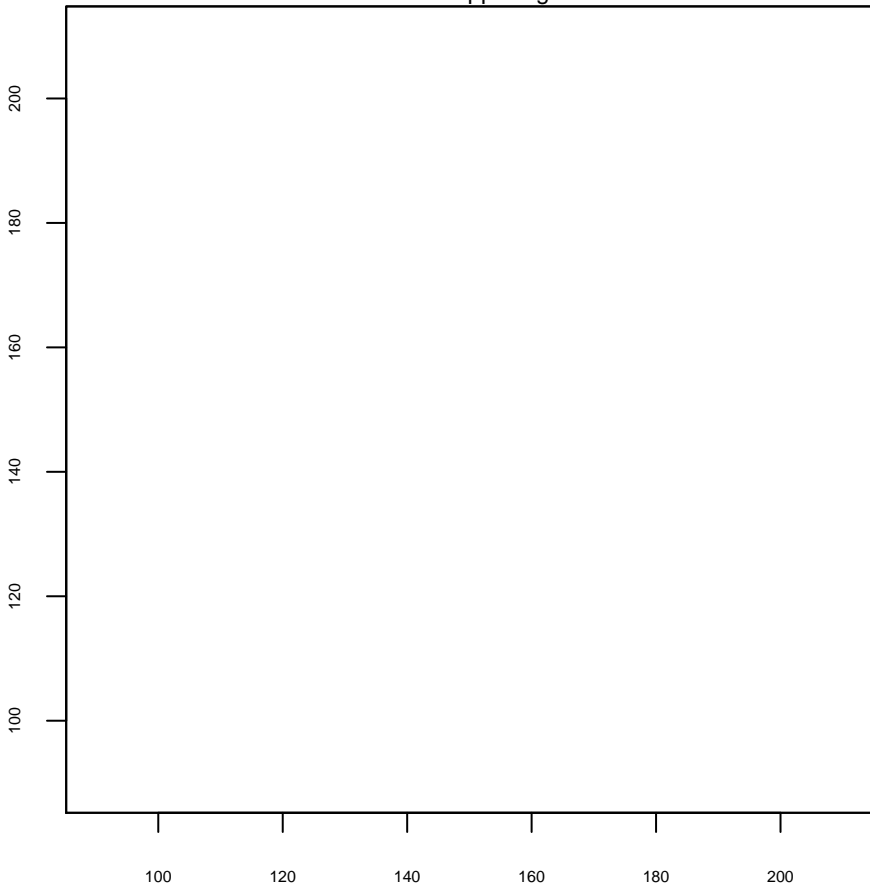
Plot 31 Lower right



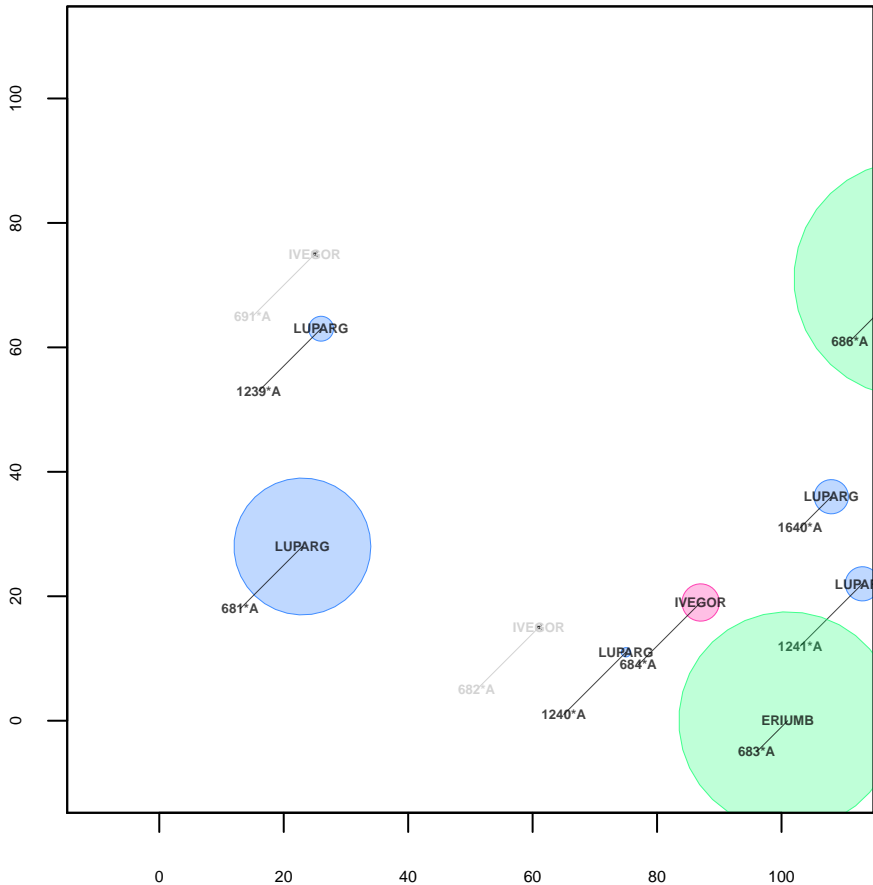
Plot 31 Upper left



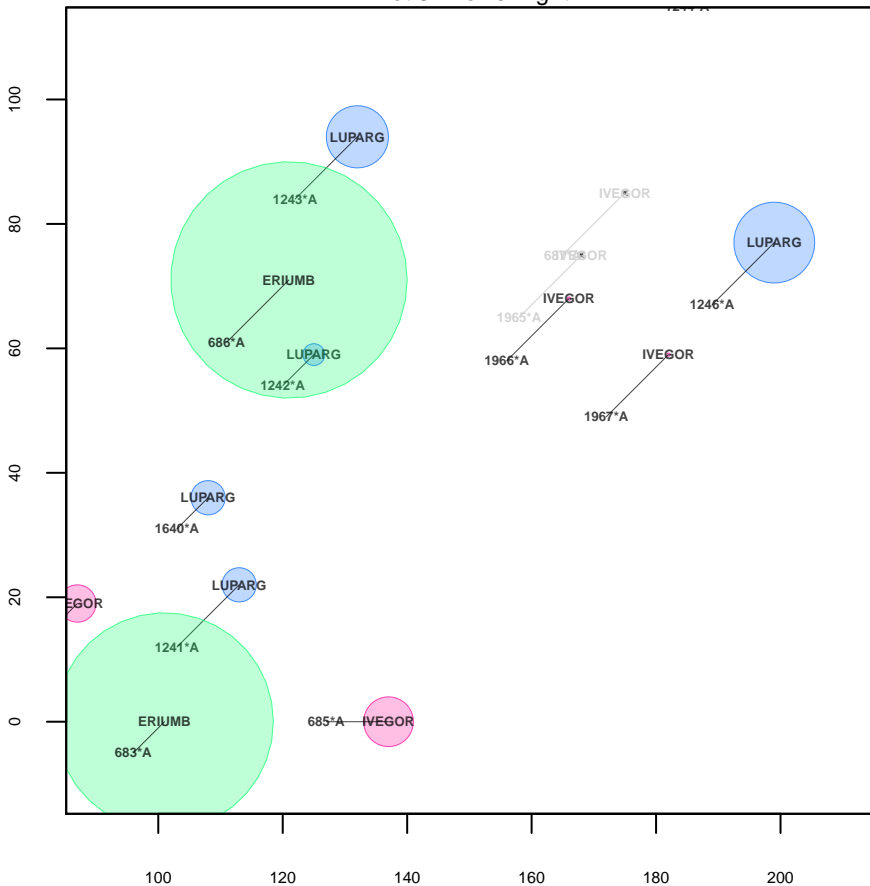
Plot 31 Upper right



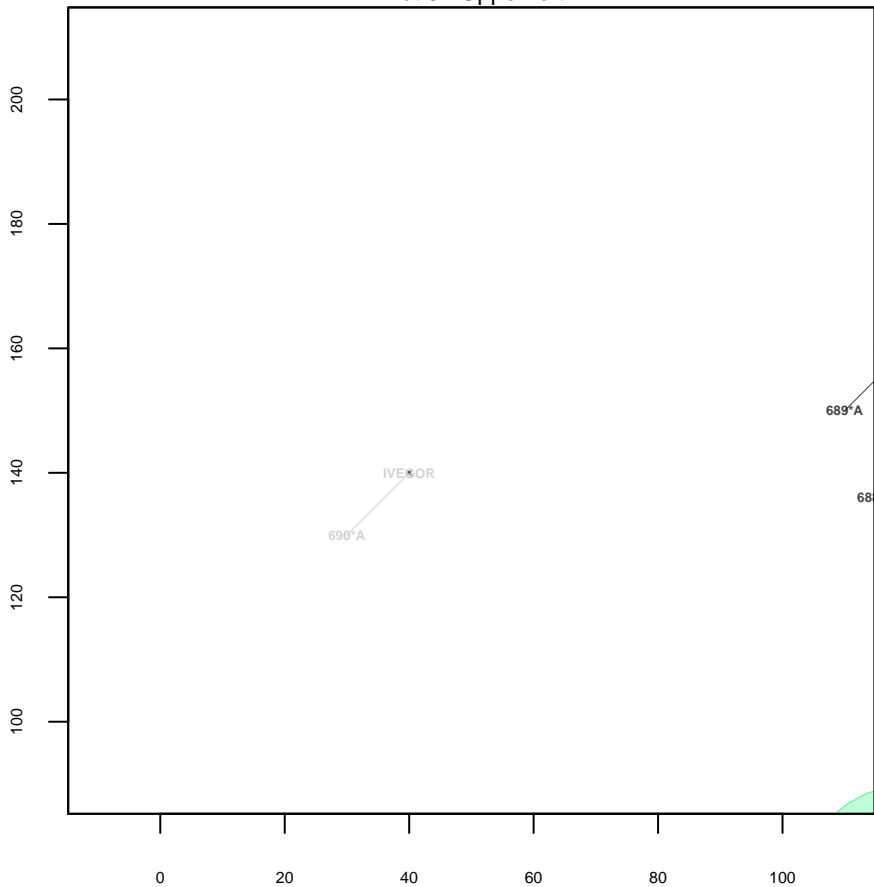
Plot 32 Lower left



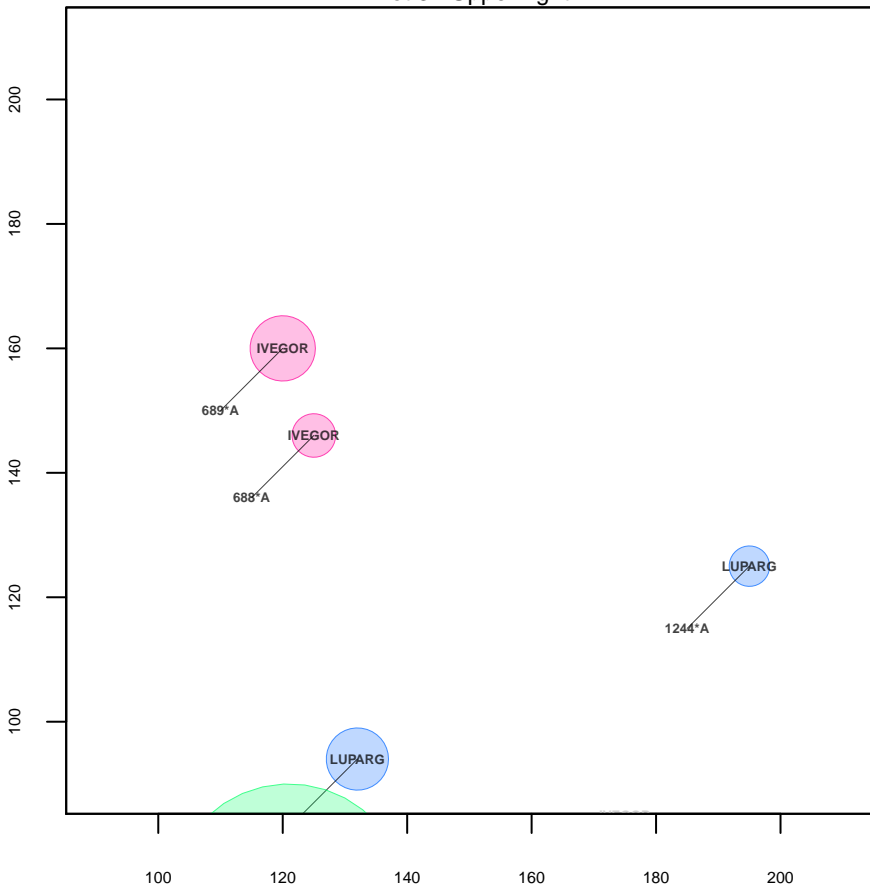
Plot 32 Lower right



Plot 32 Upper left



Plot 32 Upper right



Plot 33 Lower left

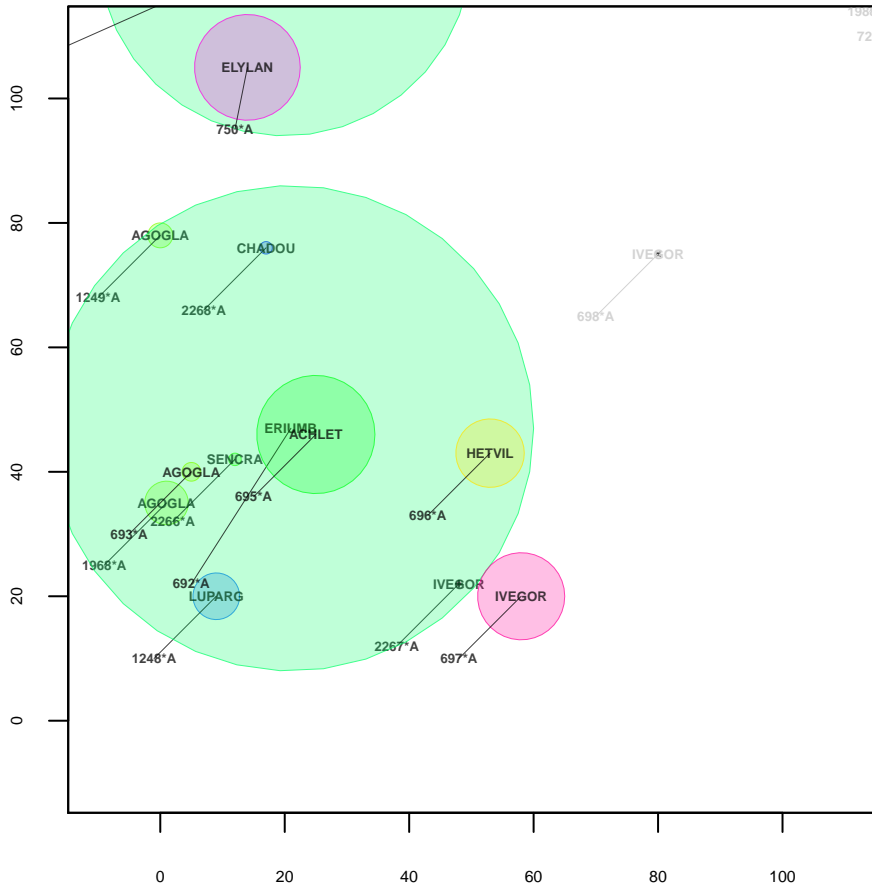
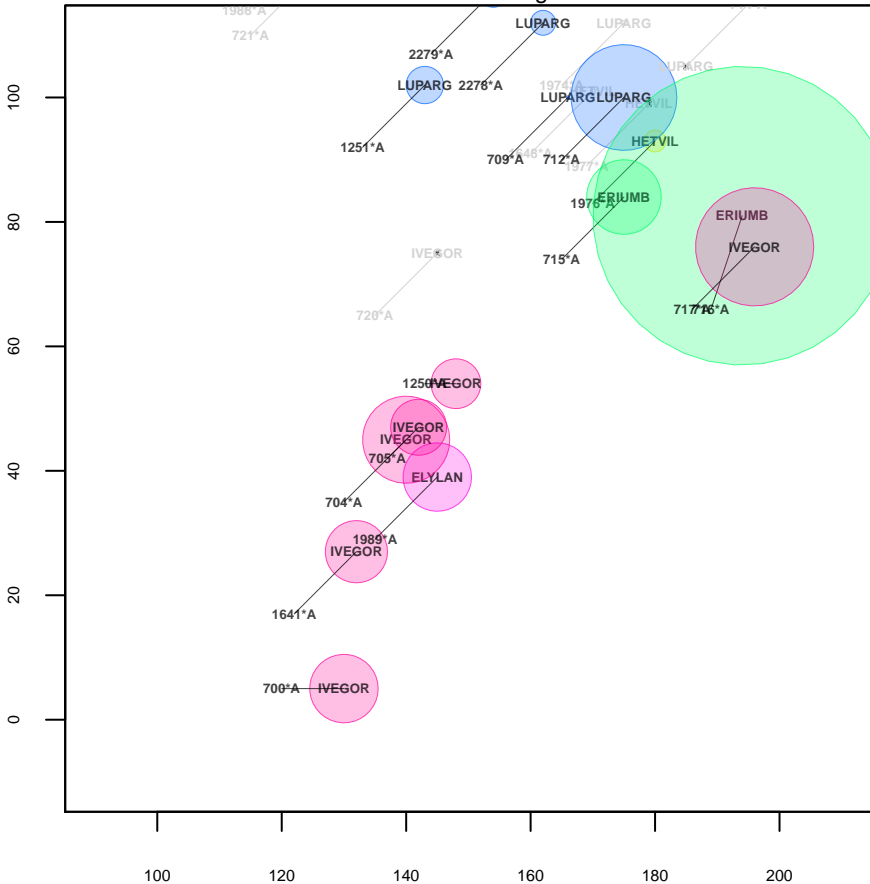
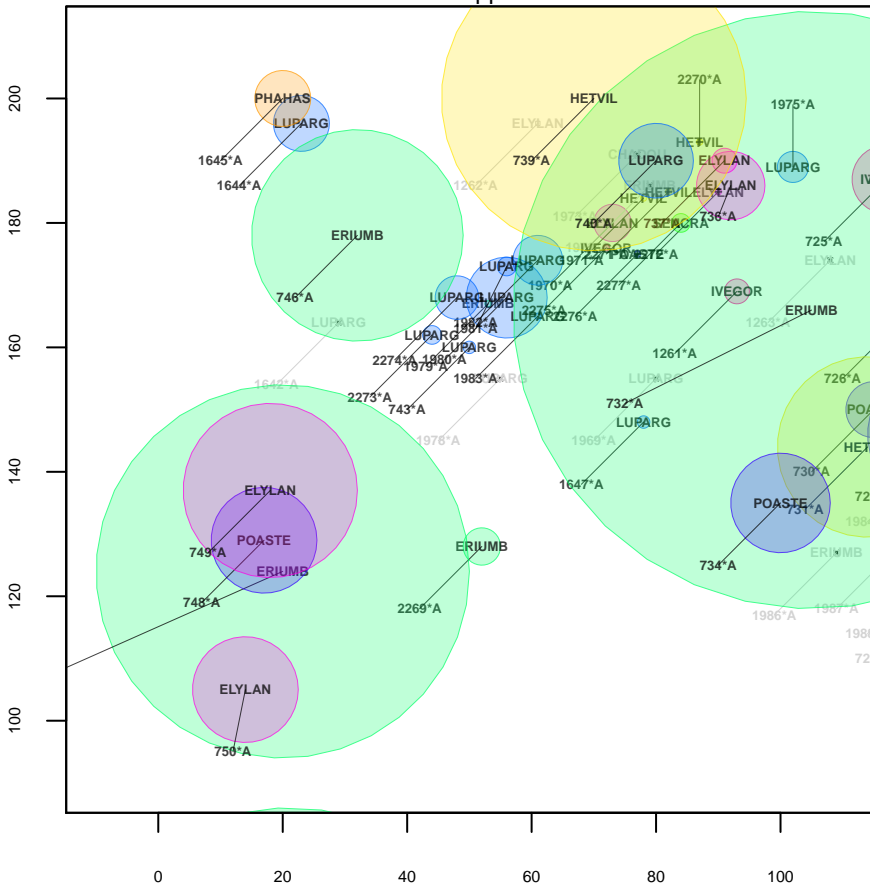
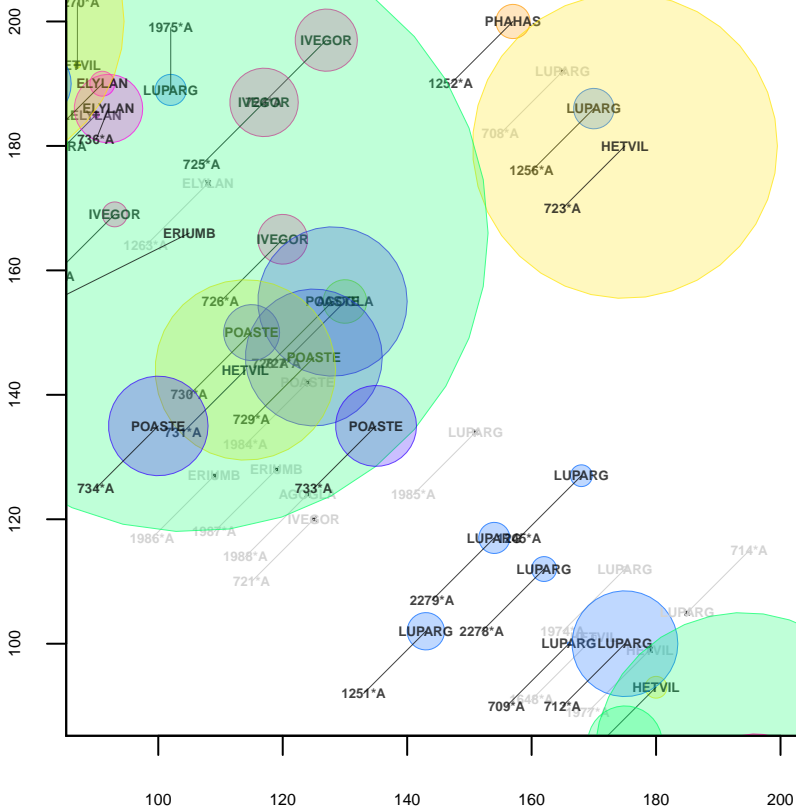


Figure 1 is a bubble plot showing the distribution of 15 species in the genus *IVEGOR*. The x-axis represents longitude (100 to 200) and the y-axis represents latitude (0 to 100). Bubbles are colored by species: blue for *LUPARG*, green for *ERIUMB*, pink for *IVEGOR*, and yellow for *HETVIL*. Lines connect bubbles of the same species, indicating their distribution range. The plot shows a clear separation between the *LUPARG* and *ERIUMB* species groups, with *IVEGOR* species clustered in the lower-left and lower-right areas.

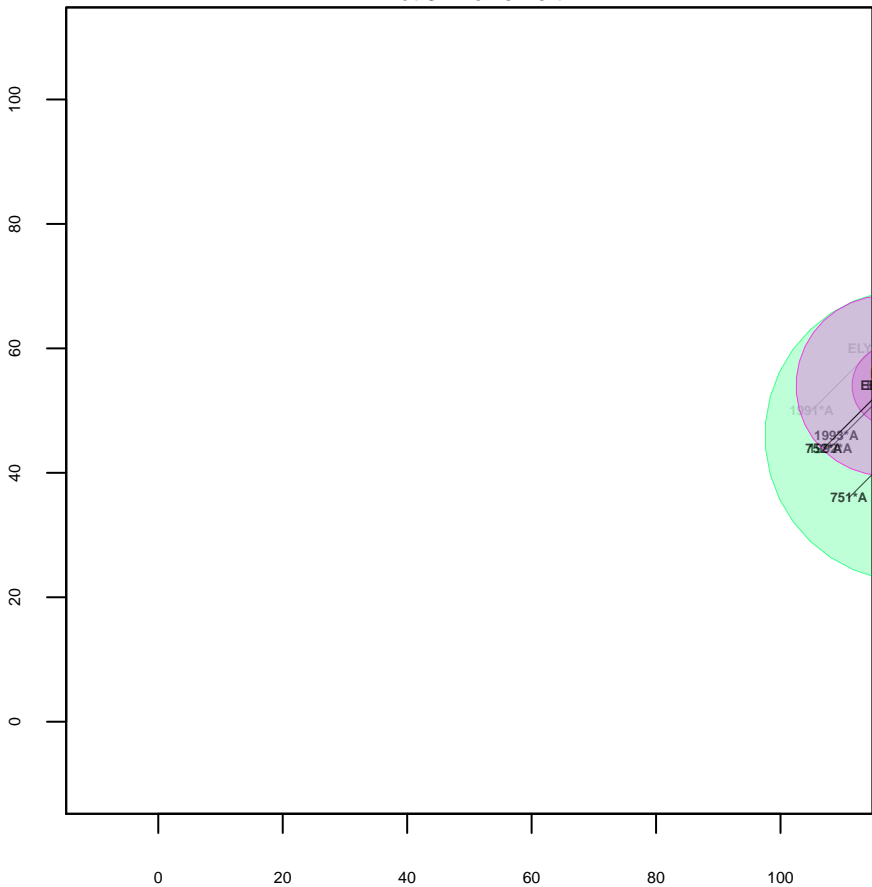


Plot 33 Upper left

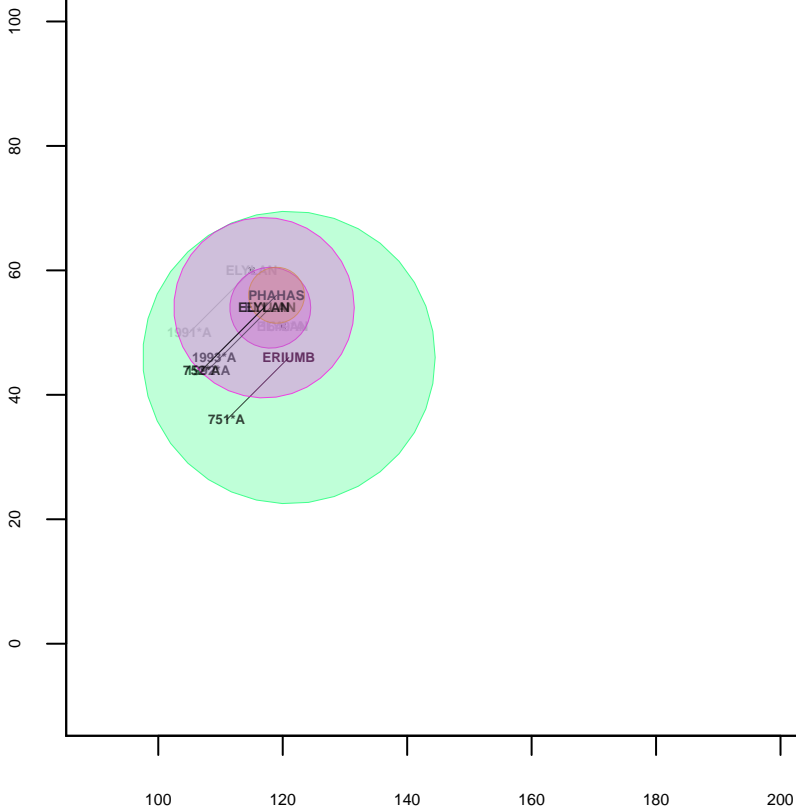




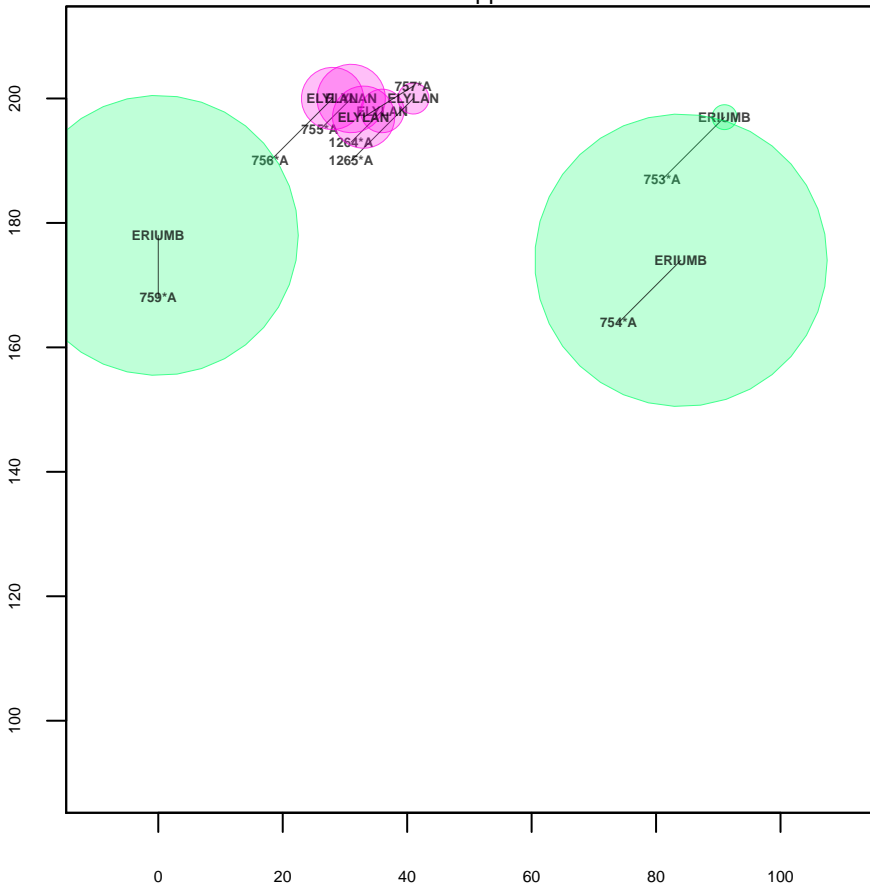
Plot 34 Lower left



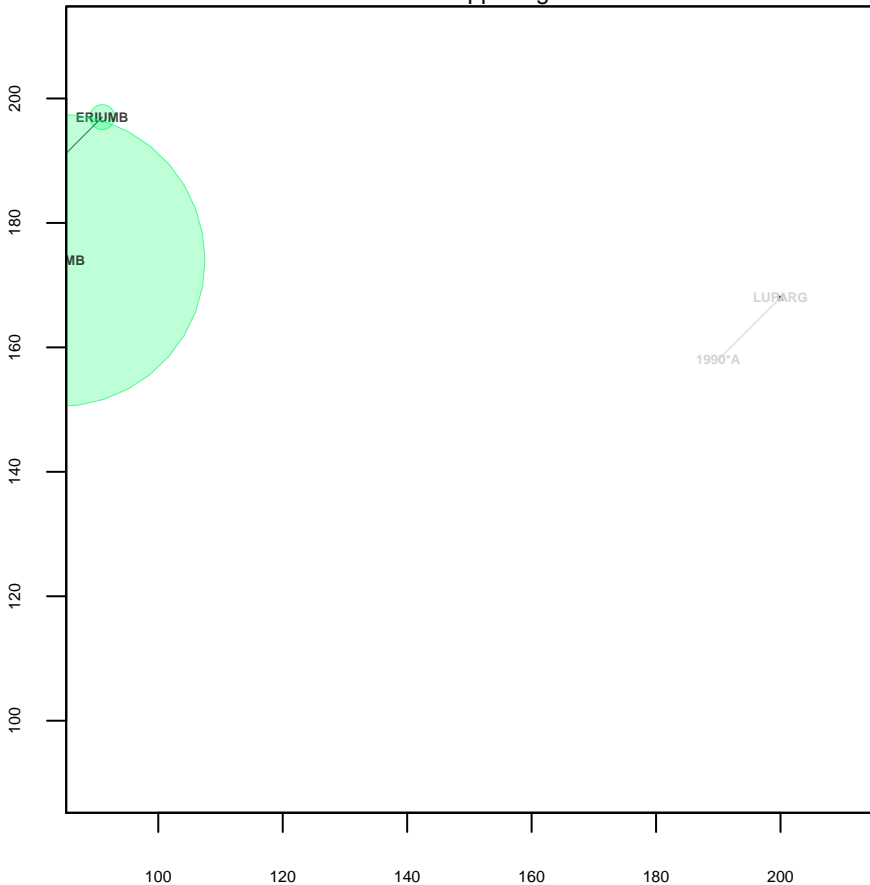
Plot 34 Lower right



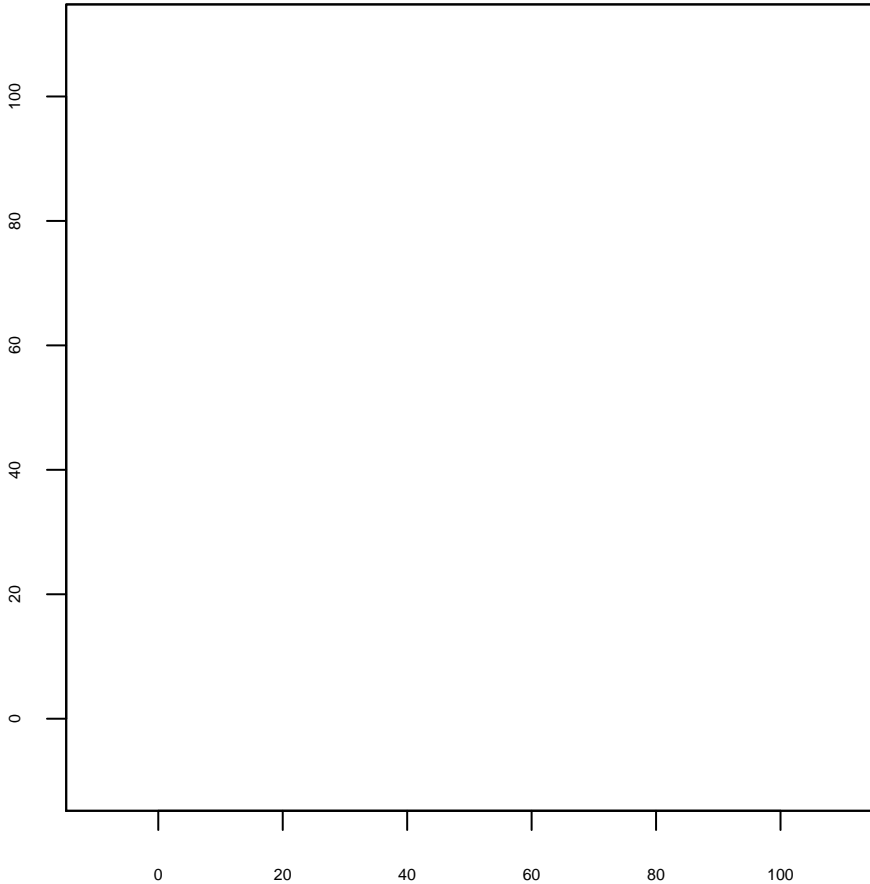
Plot 34 Upper left



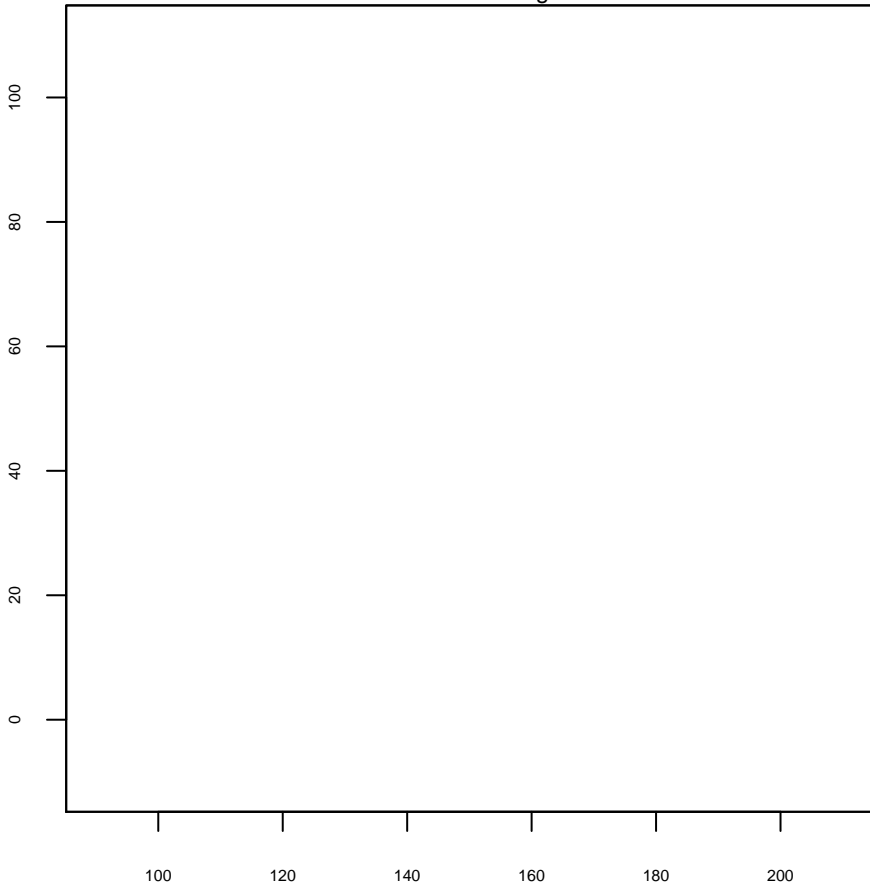
Plot 34 Upper right



Plot 35 Lower left



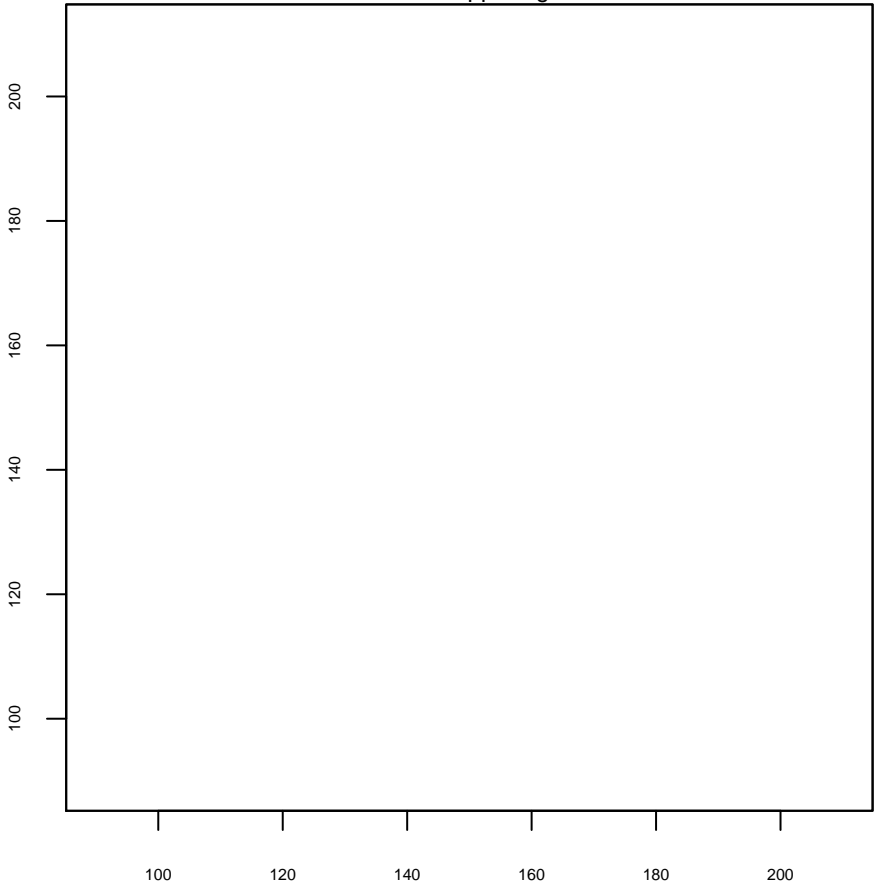
Plot 35 Lower right

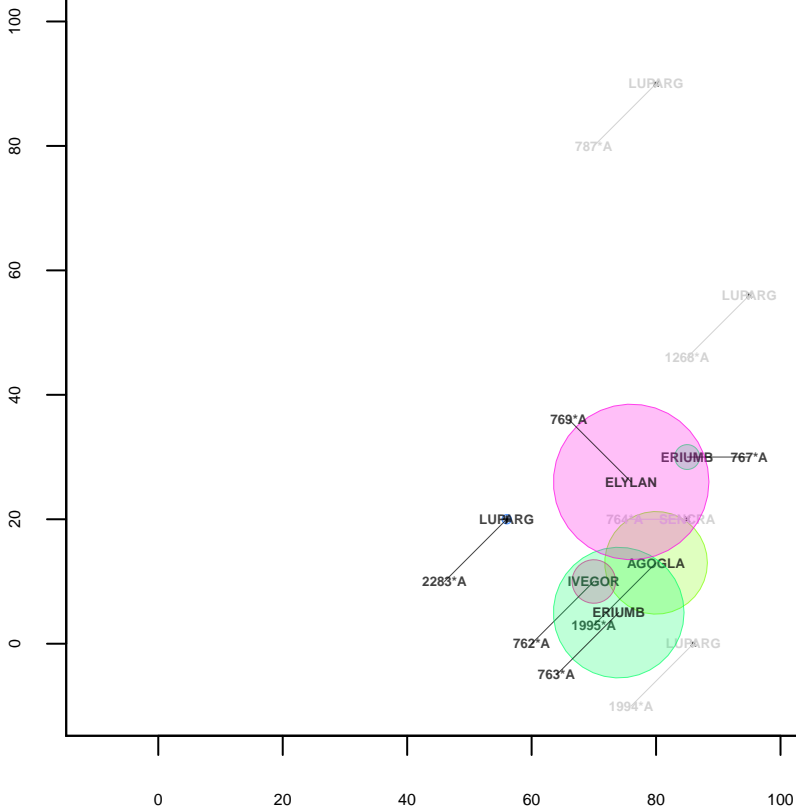


Plot 35 Upper left

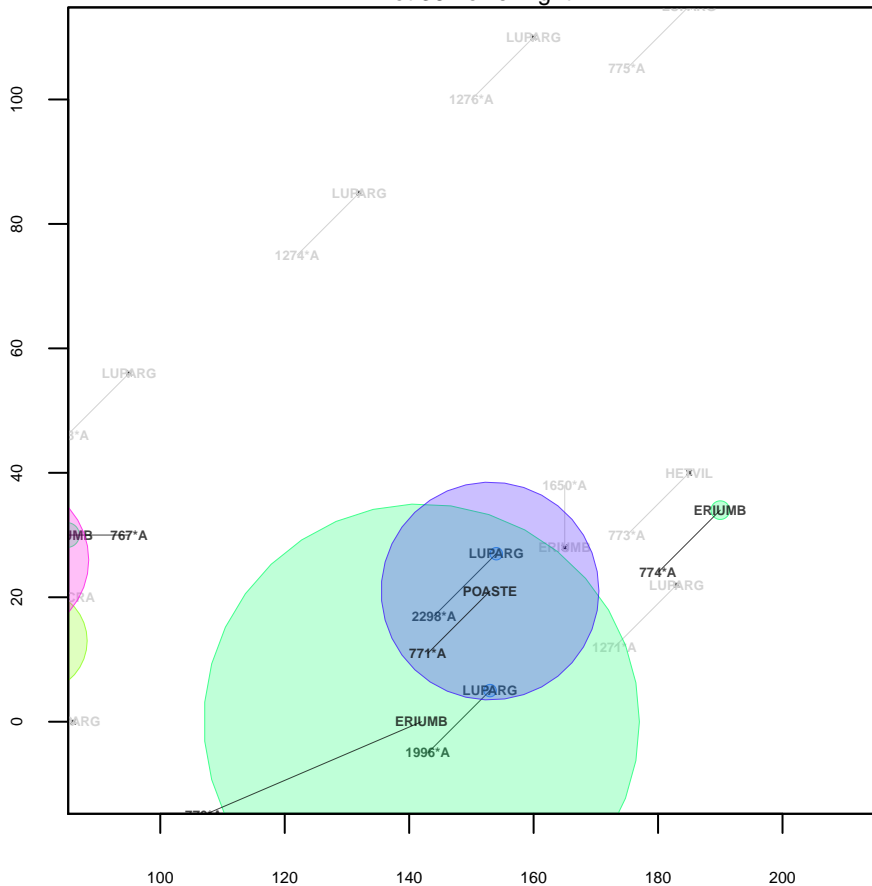


Plot 35 Upper right

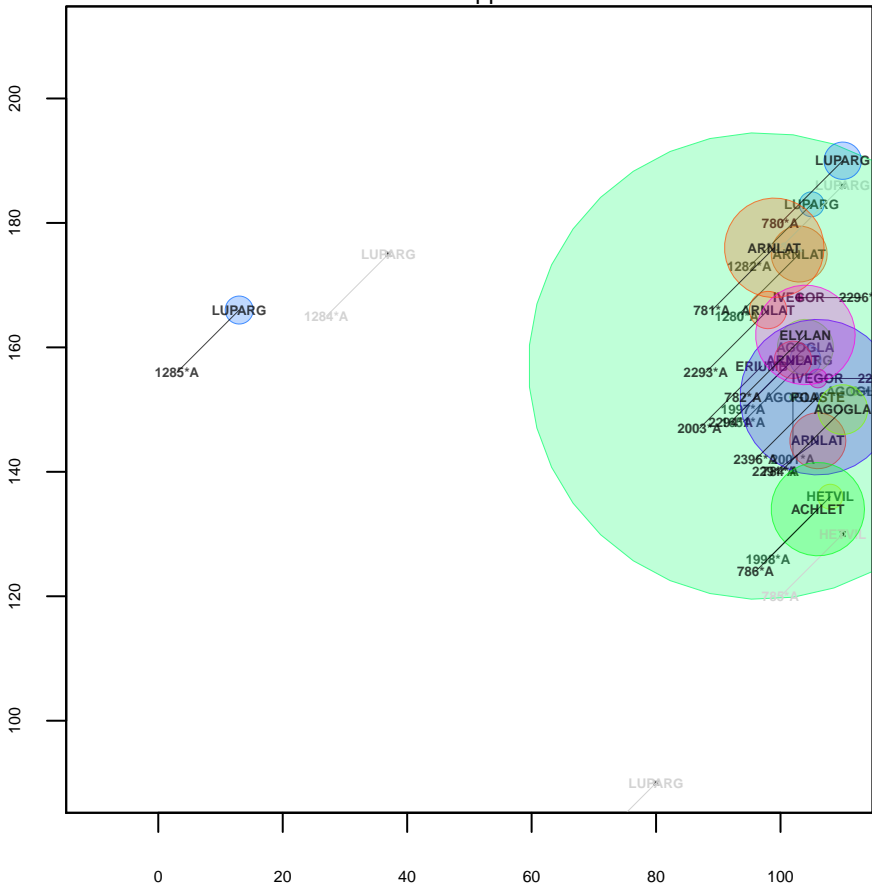




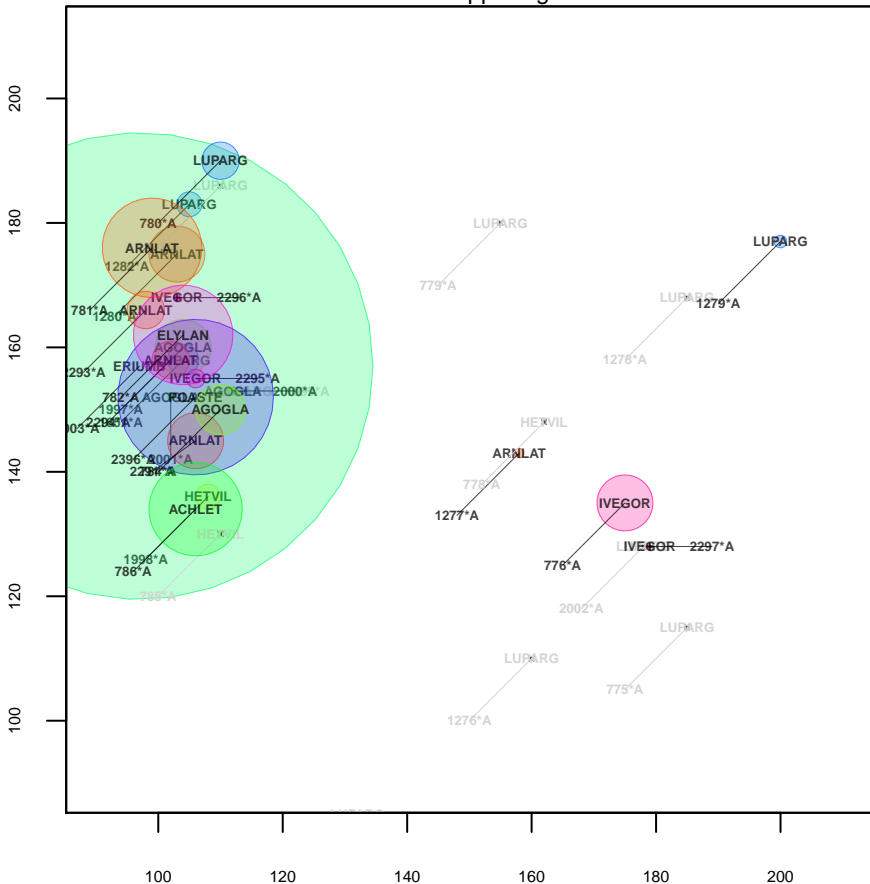
Plot 36 Lower right

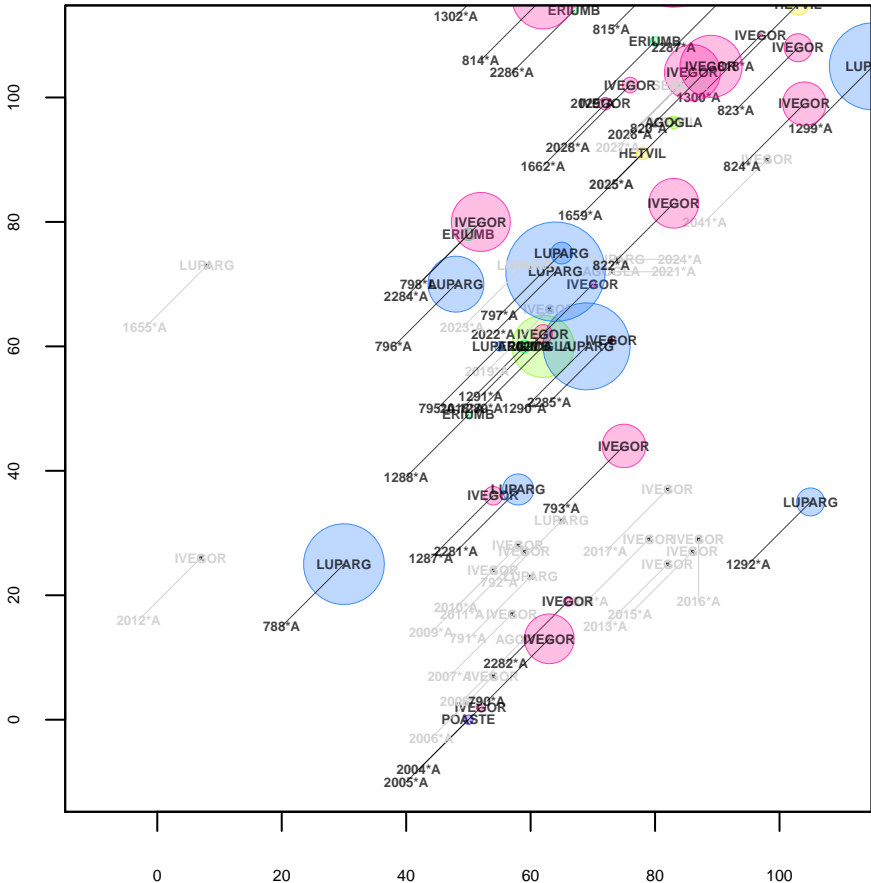


Plot 36 Upper left

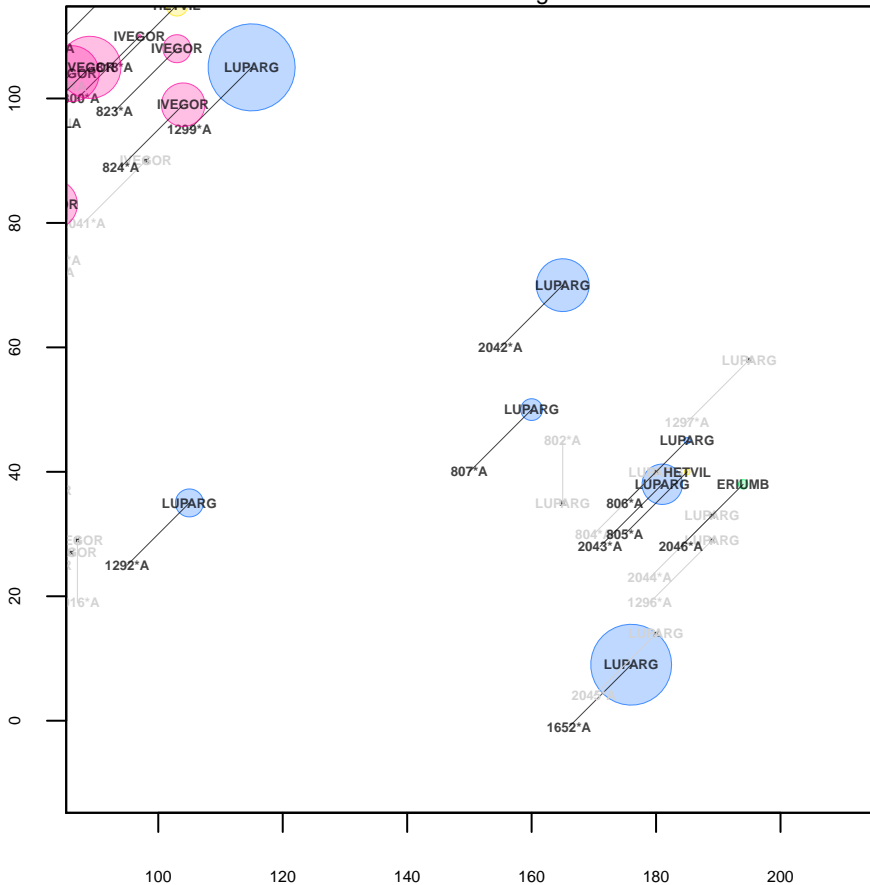


Plot 36 Upper right

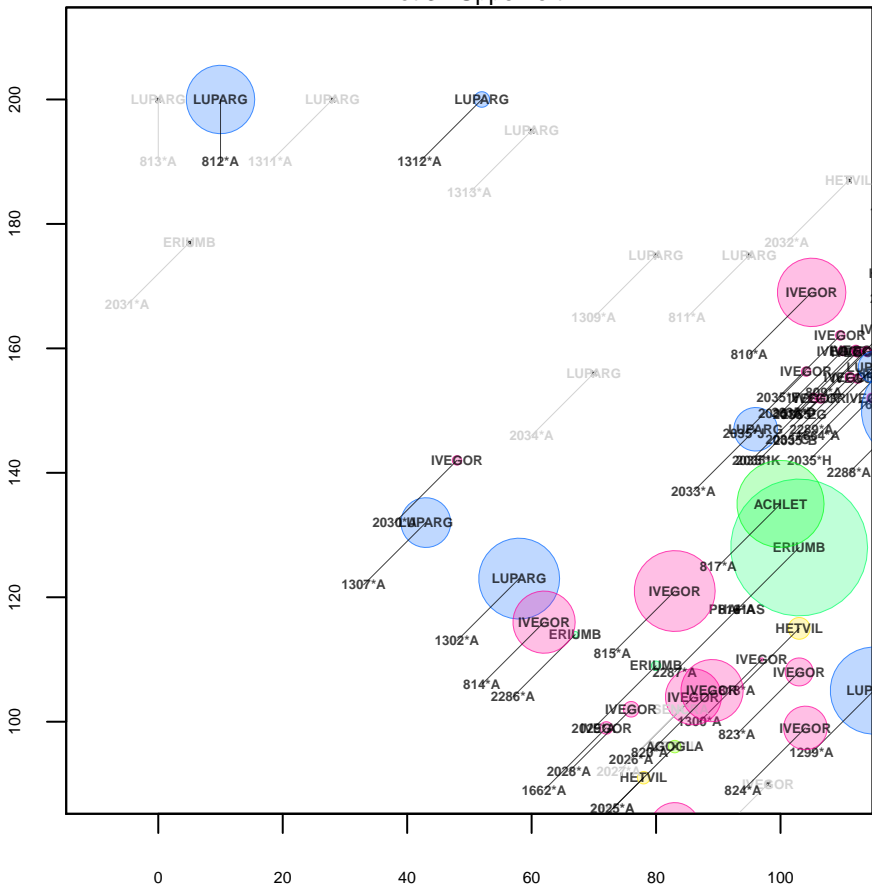


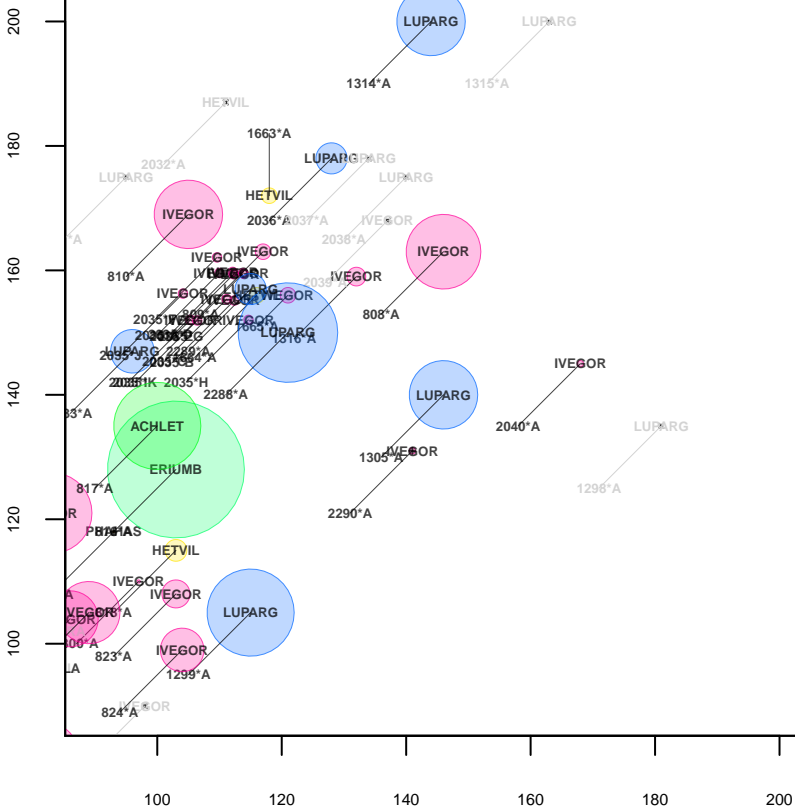


Plot 37 Lower right



Plot 37 Upper left

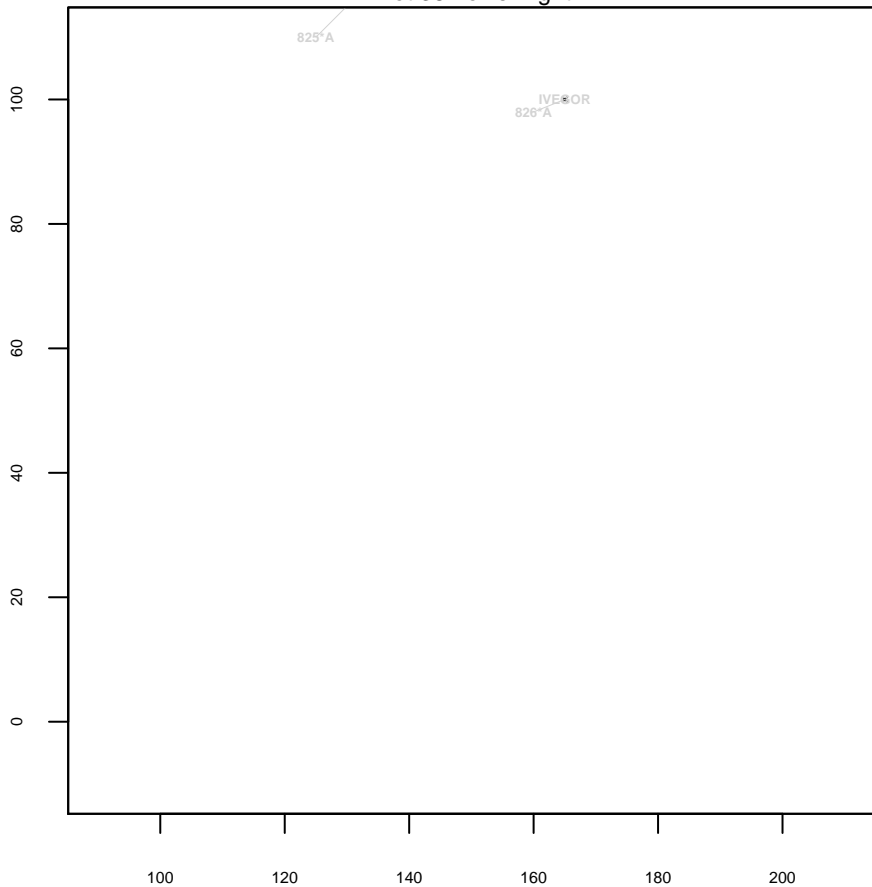




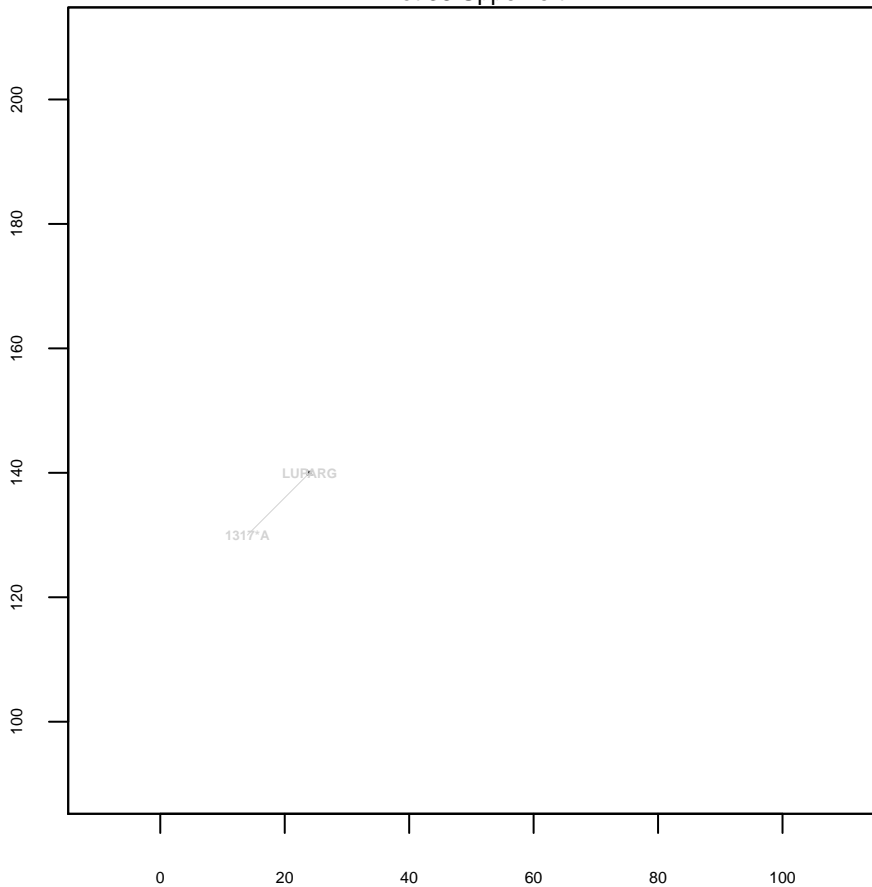
Plot 38 Lower left



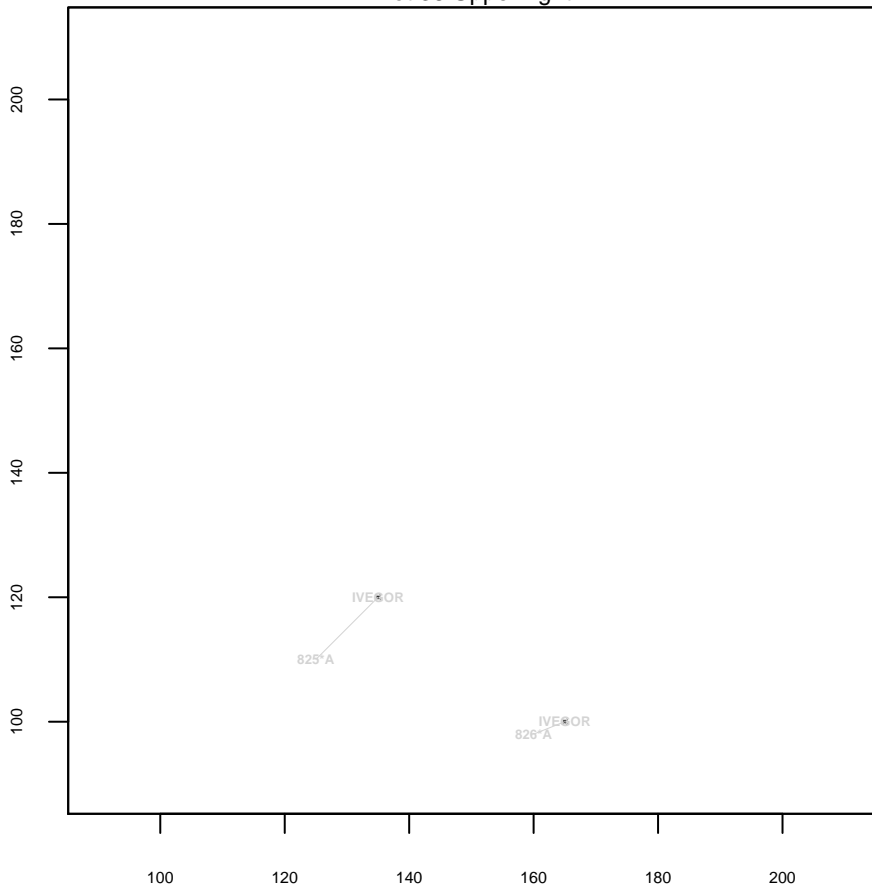
Plot 38 Lower right



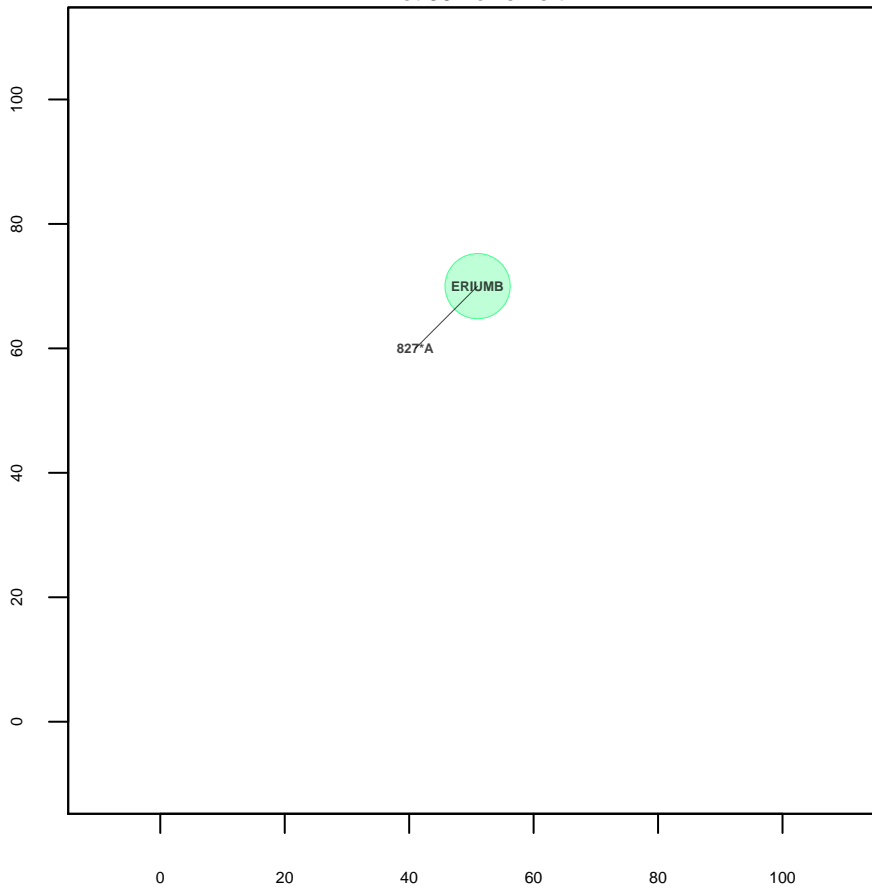
Plot 38 Upper left



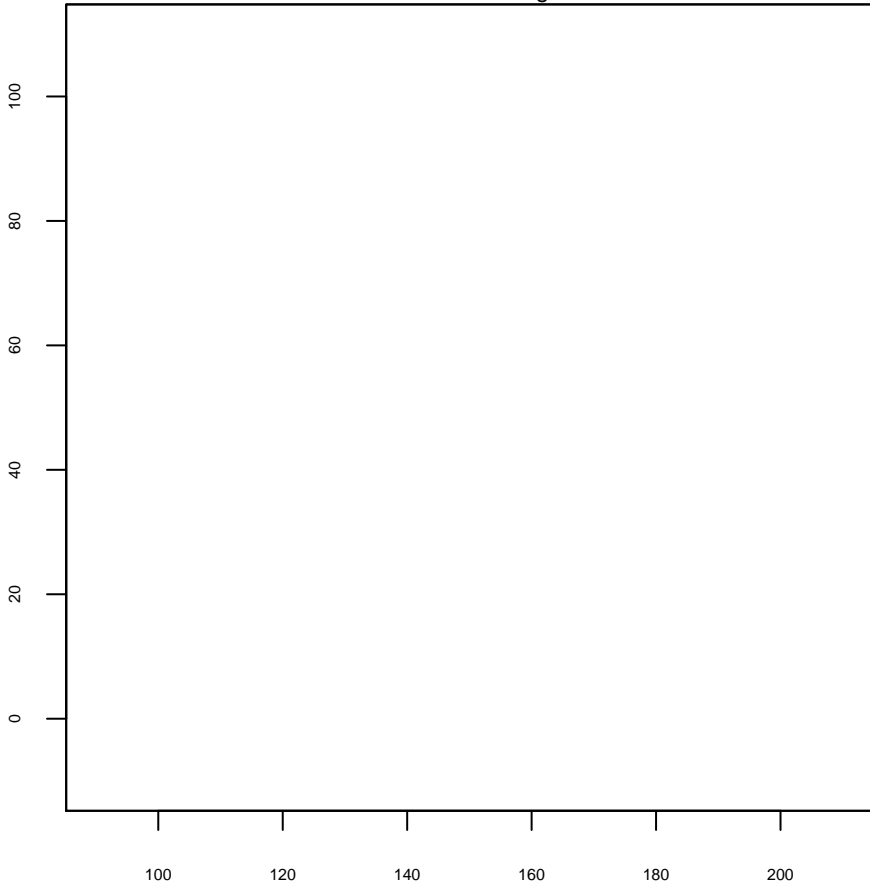
Plot 38 Upper right



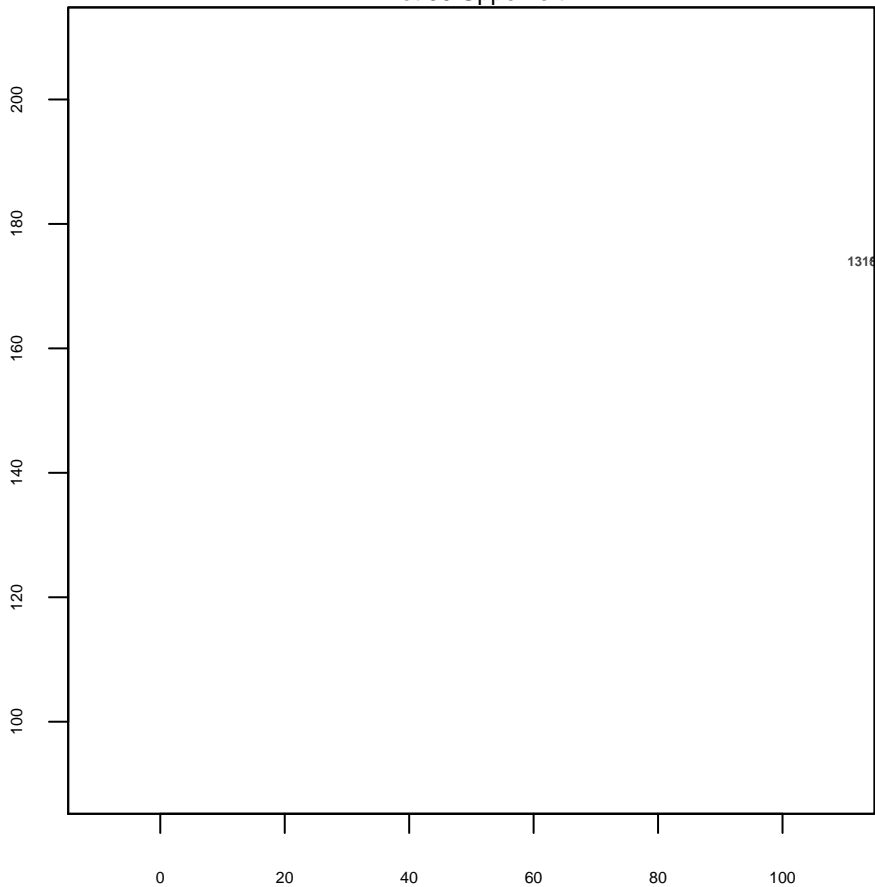
Plot 39 Lower left



Plot 39 Lower right

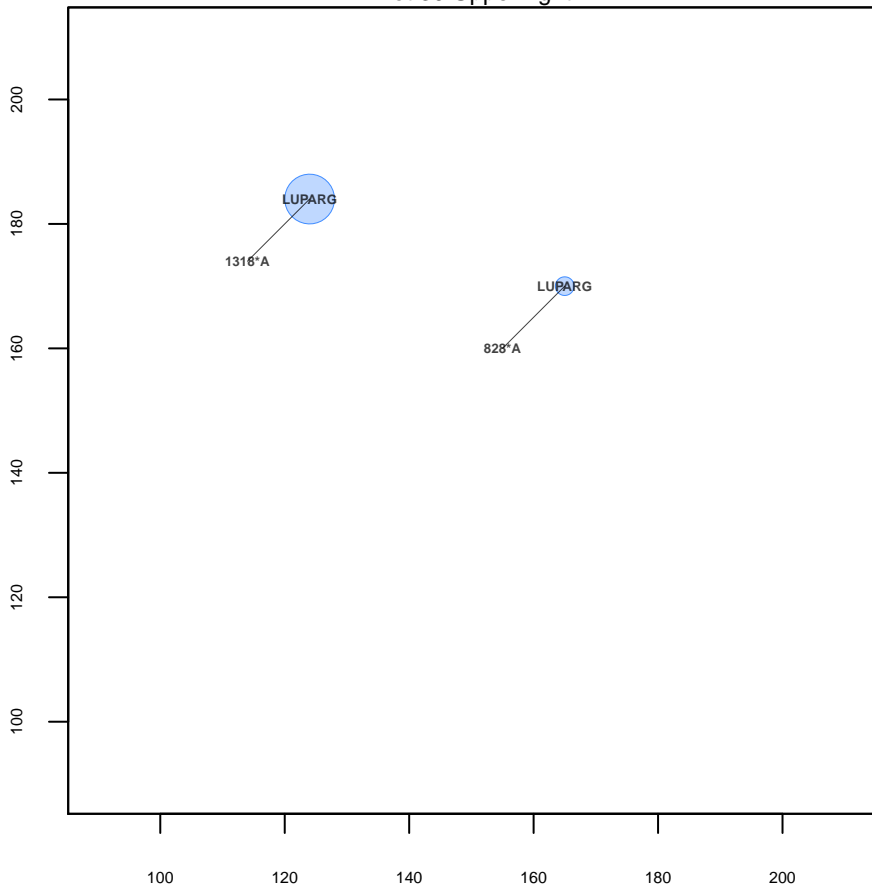


Plot 39 Upper left

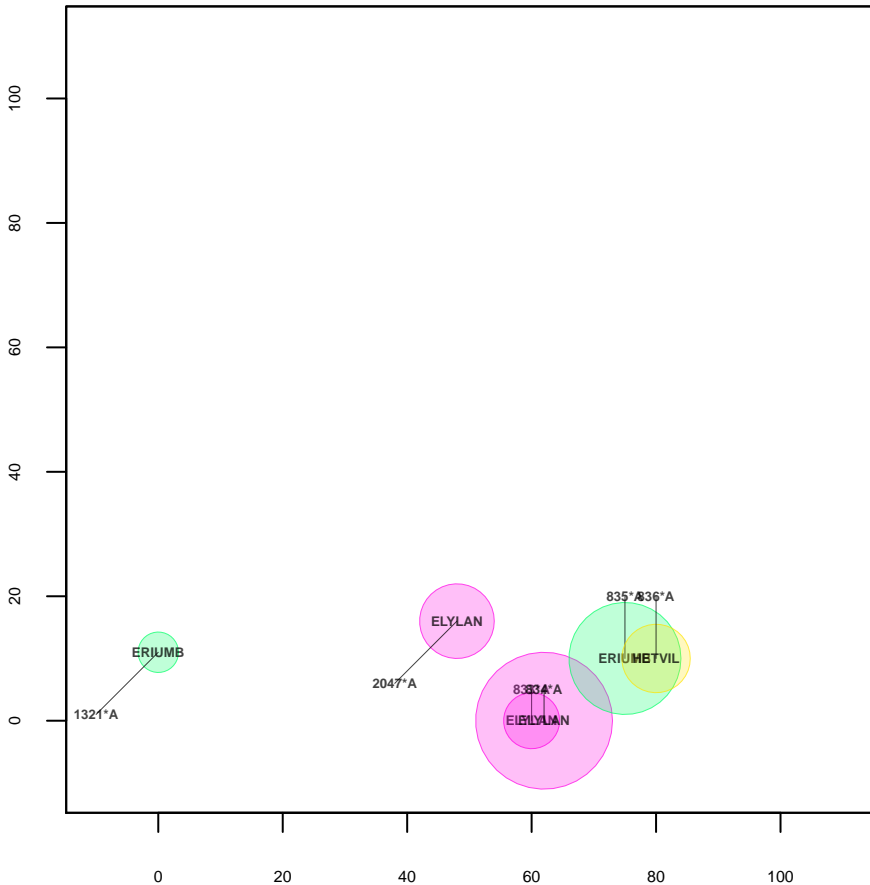


1316

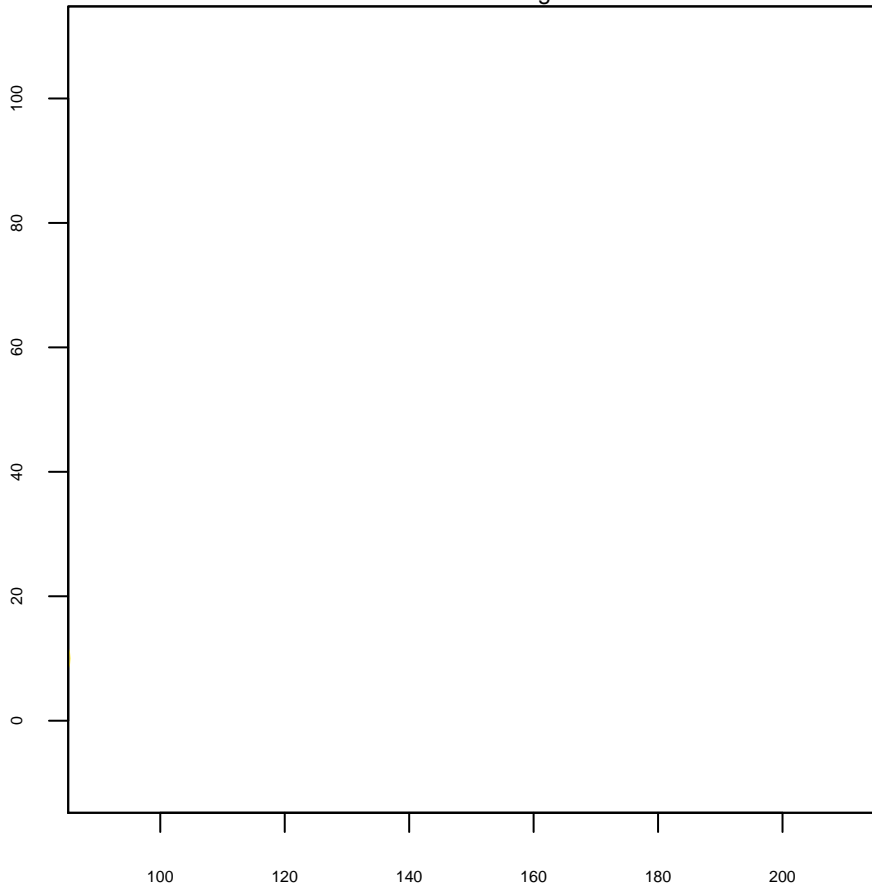
Plot 39 Upper right



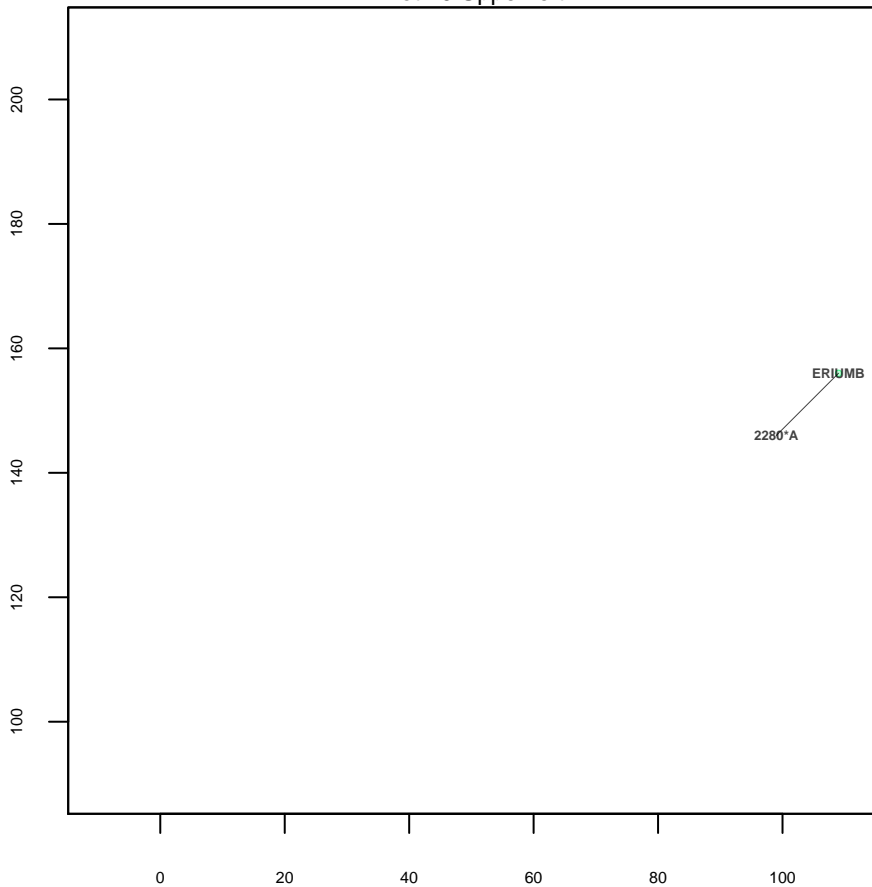
Plot 40 Lower left



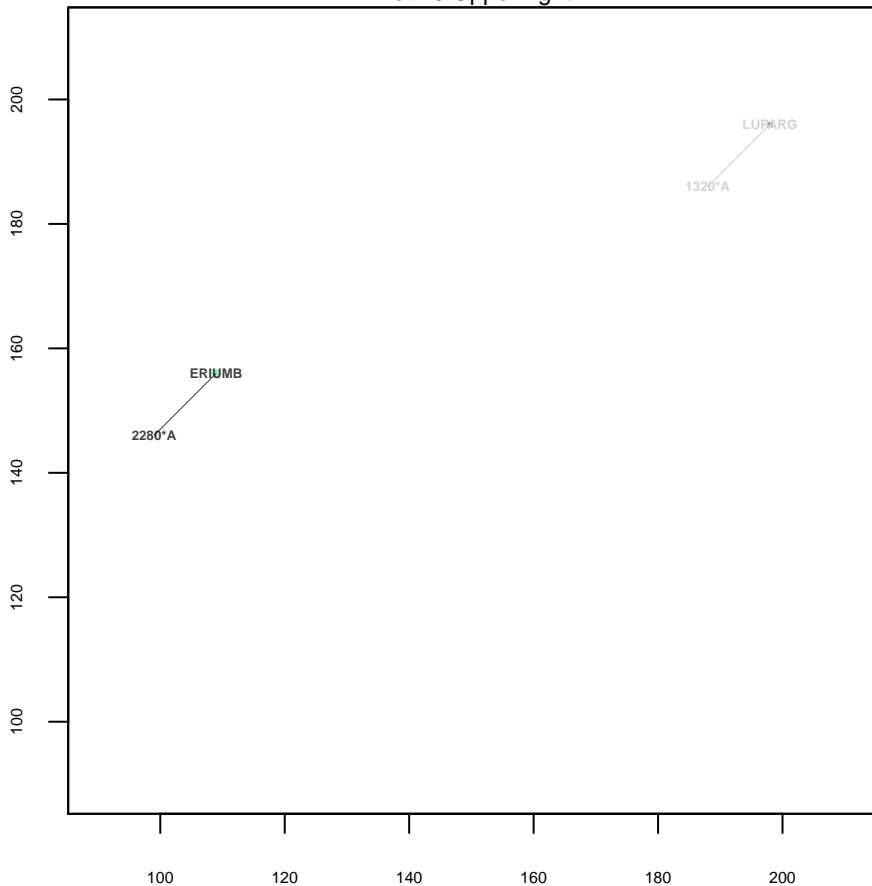
Plot 40 Lower right



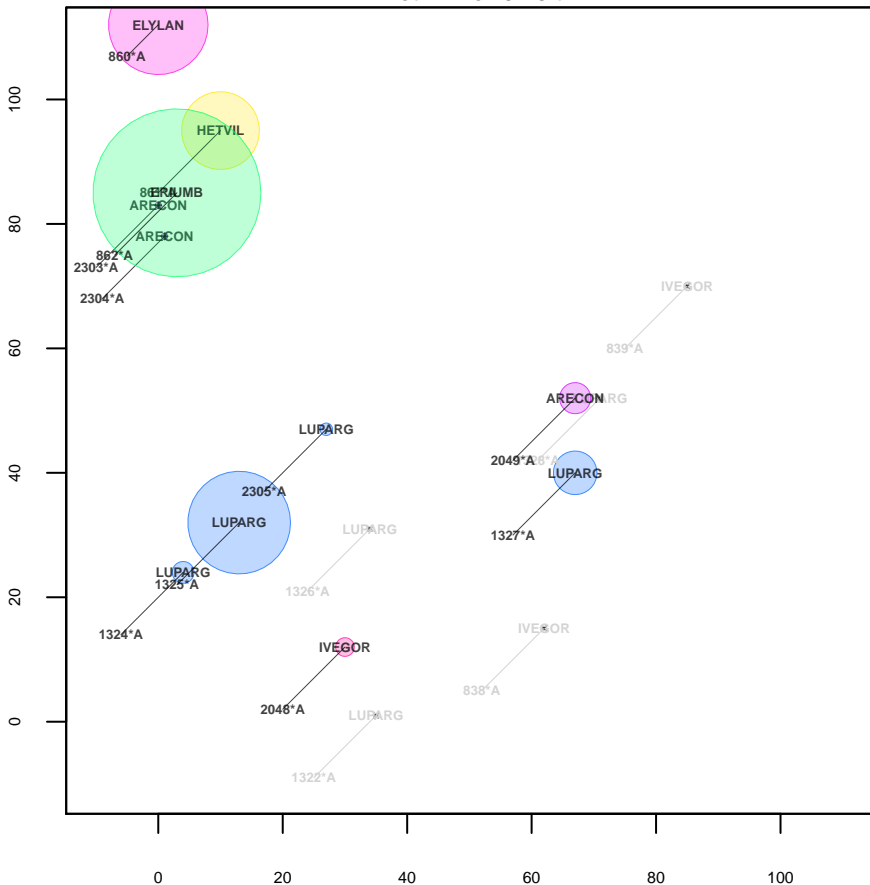
Plot 40 Upper left



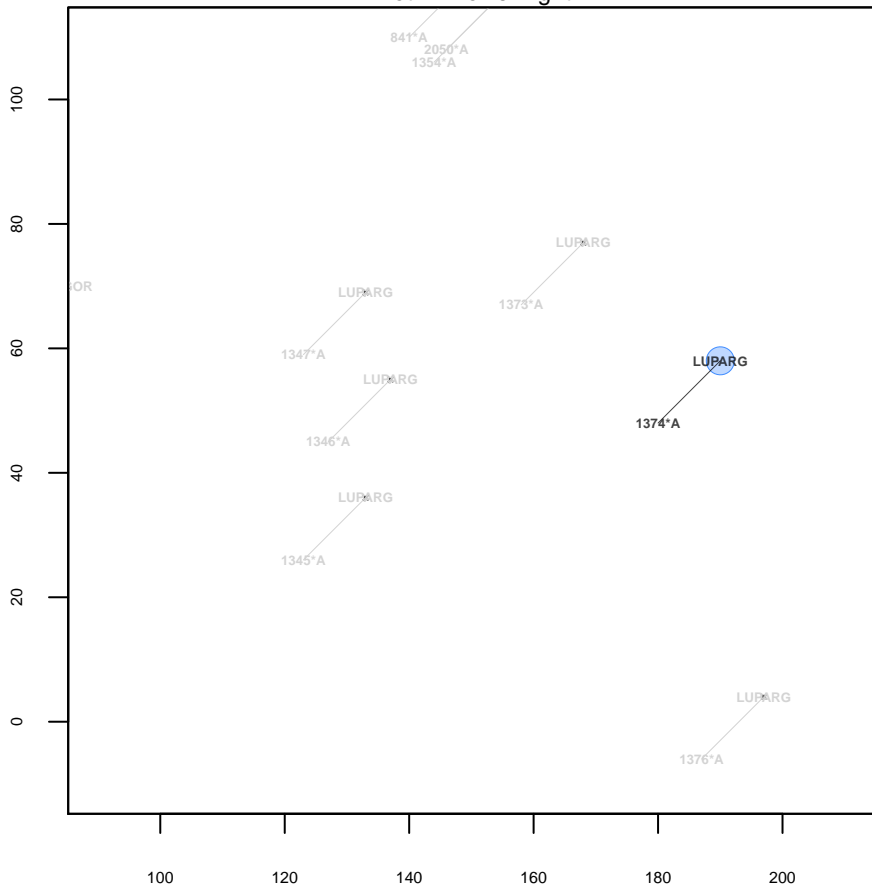
Plot 40 Upper right



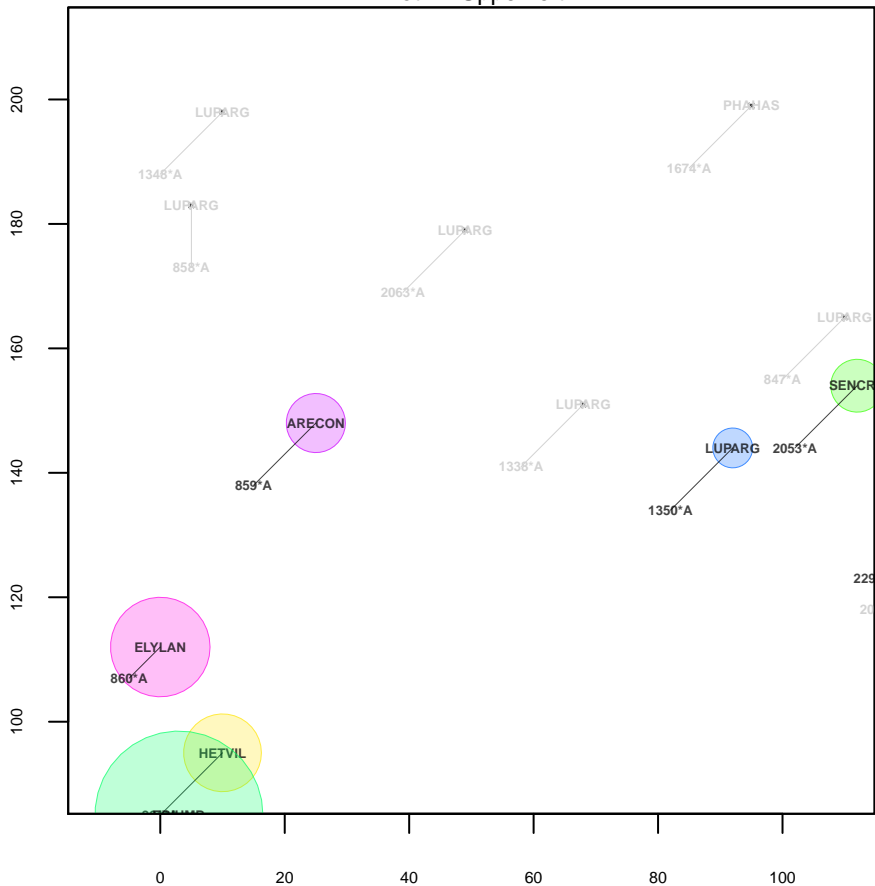
Plot 41 Lower left

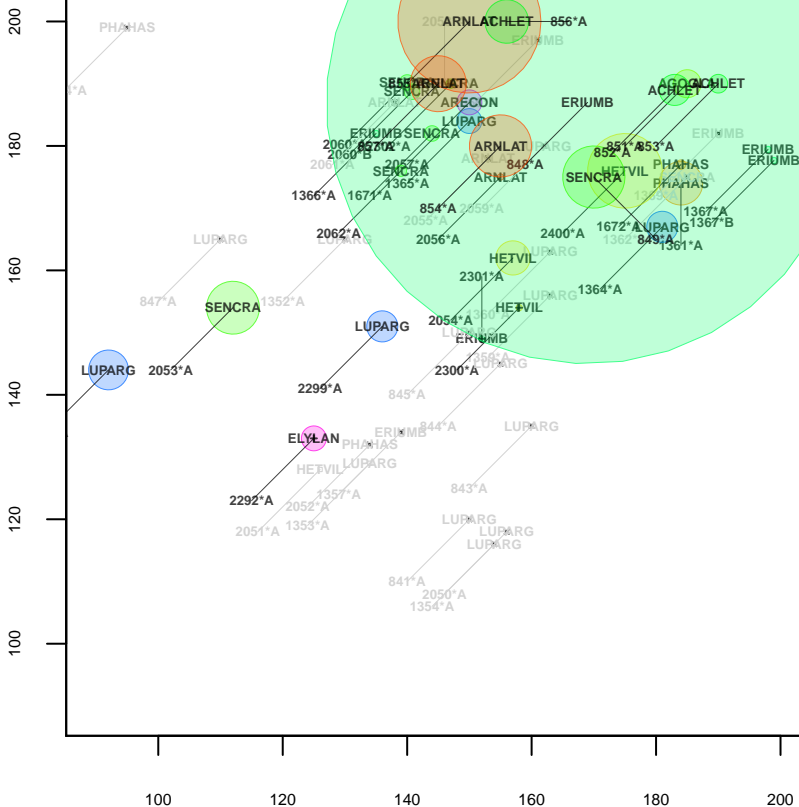


Plot 41 Lower right

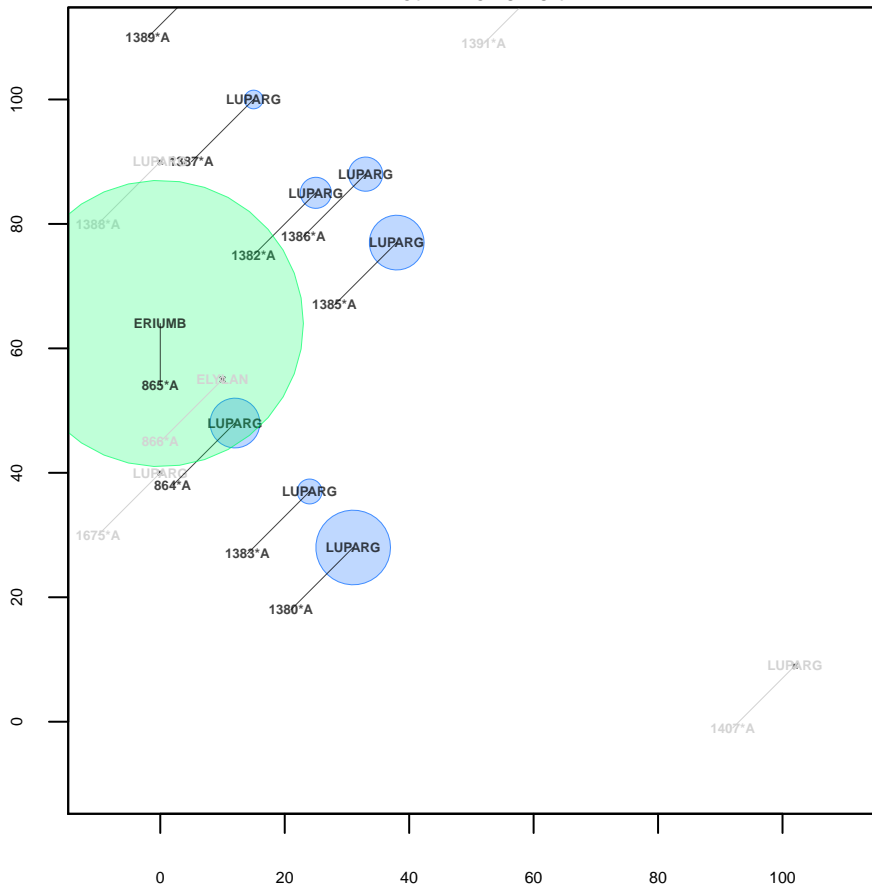


Plot 41 Upper left

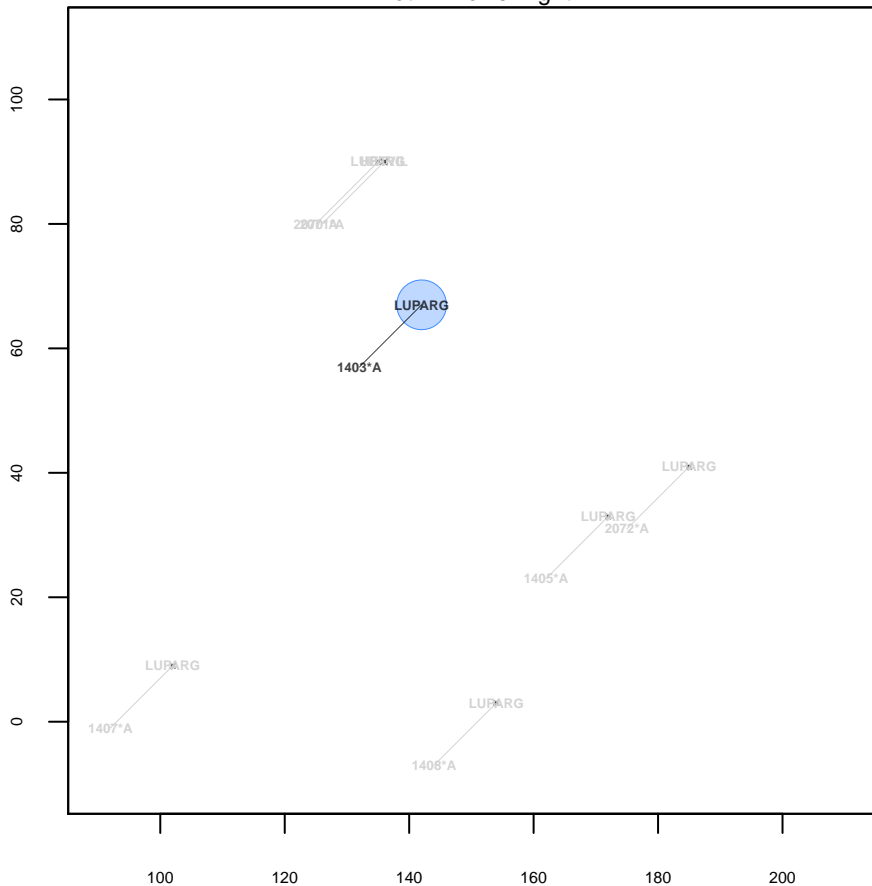




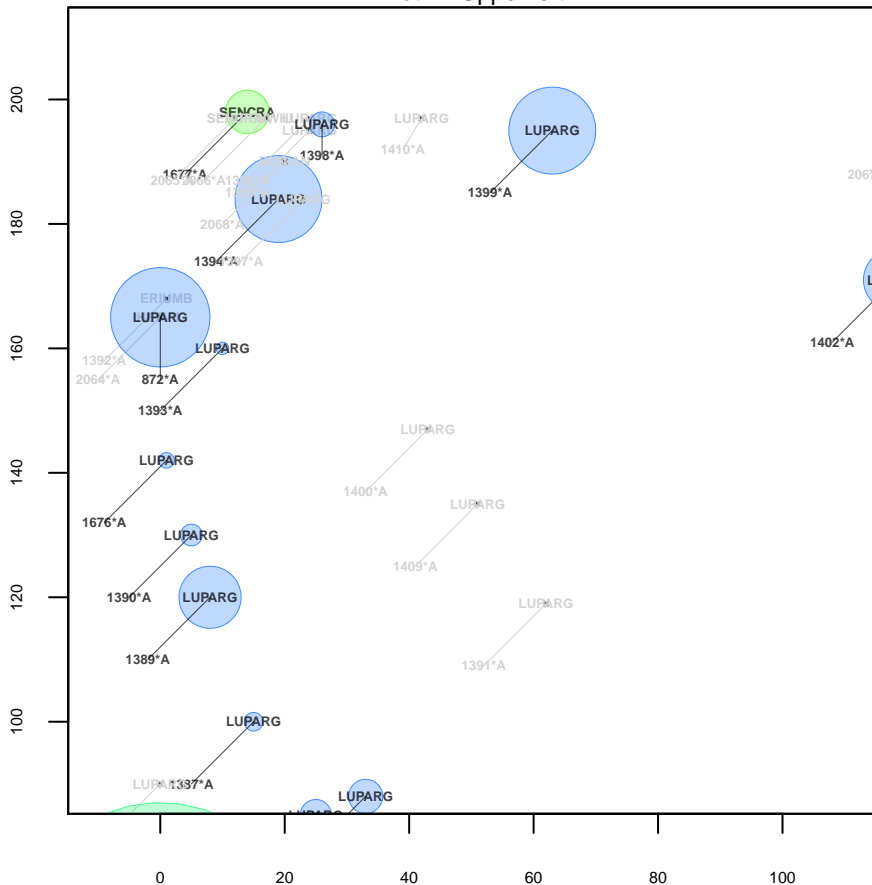
Plot 42 Lower left



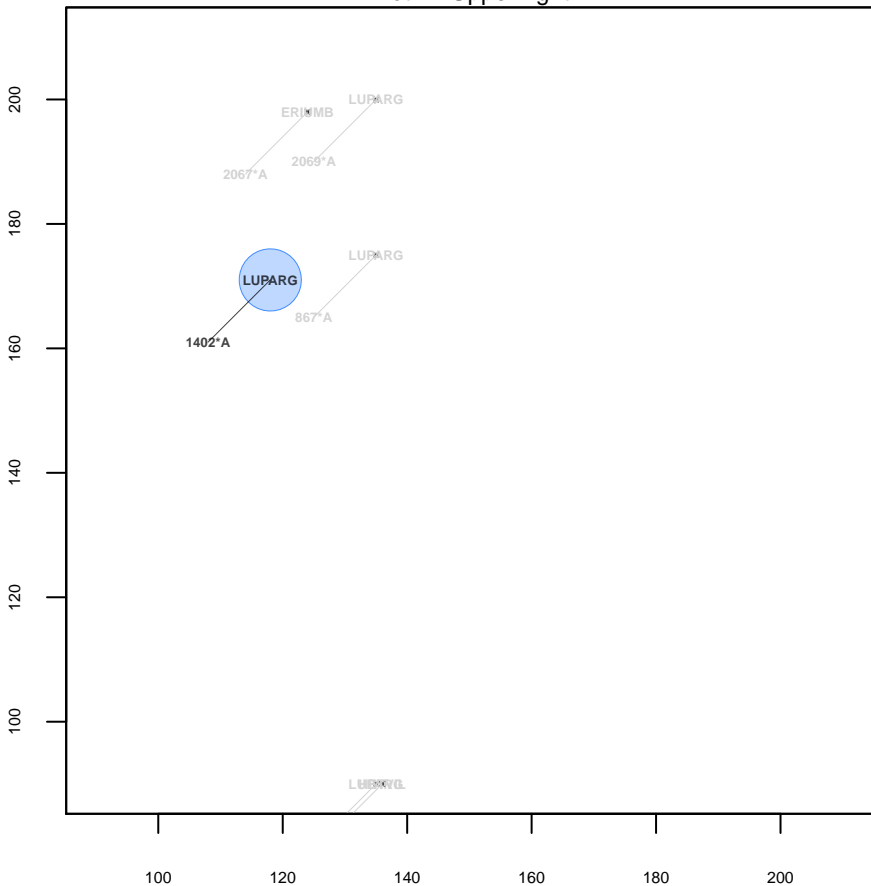
Plot 42 Lower right



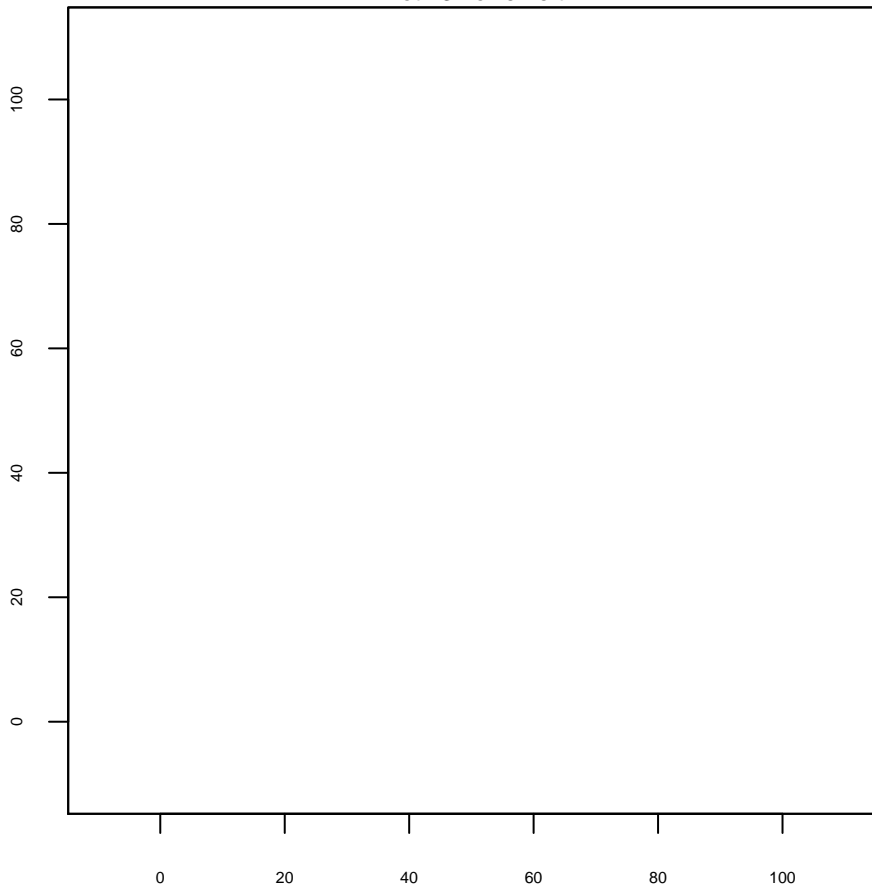
Plot 42 Upper left



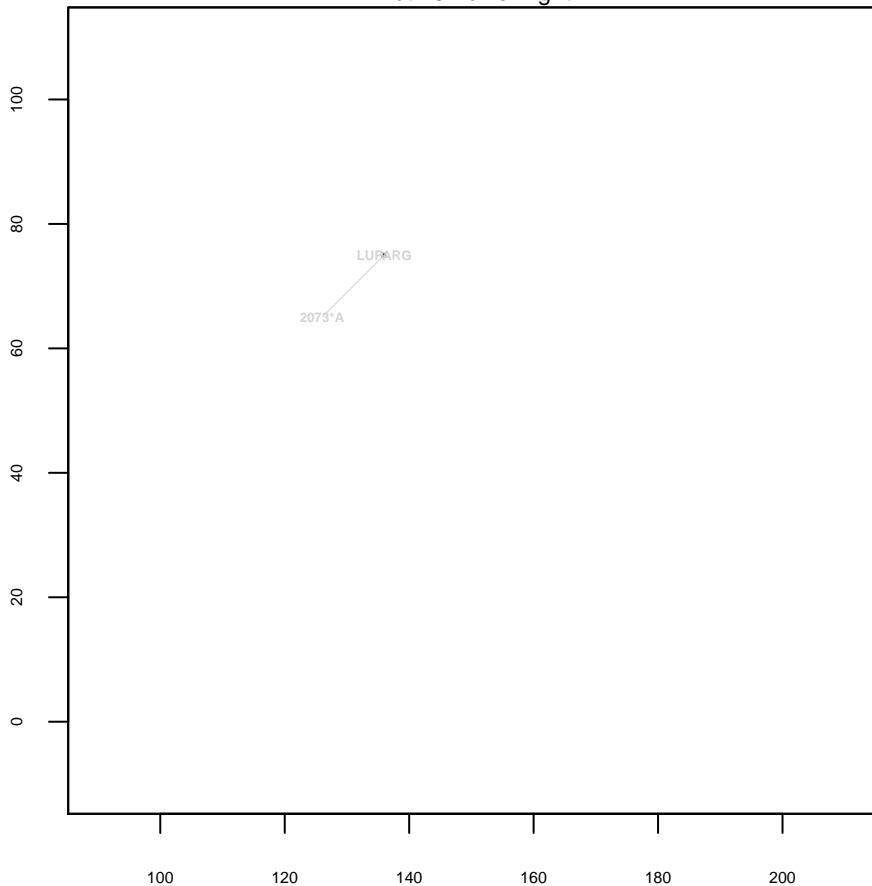
Plot 42 Upper right



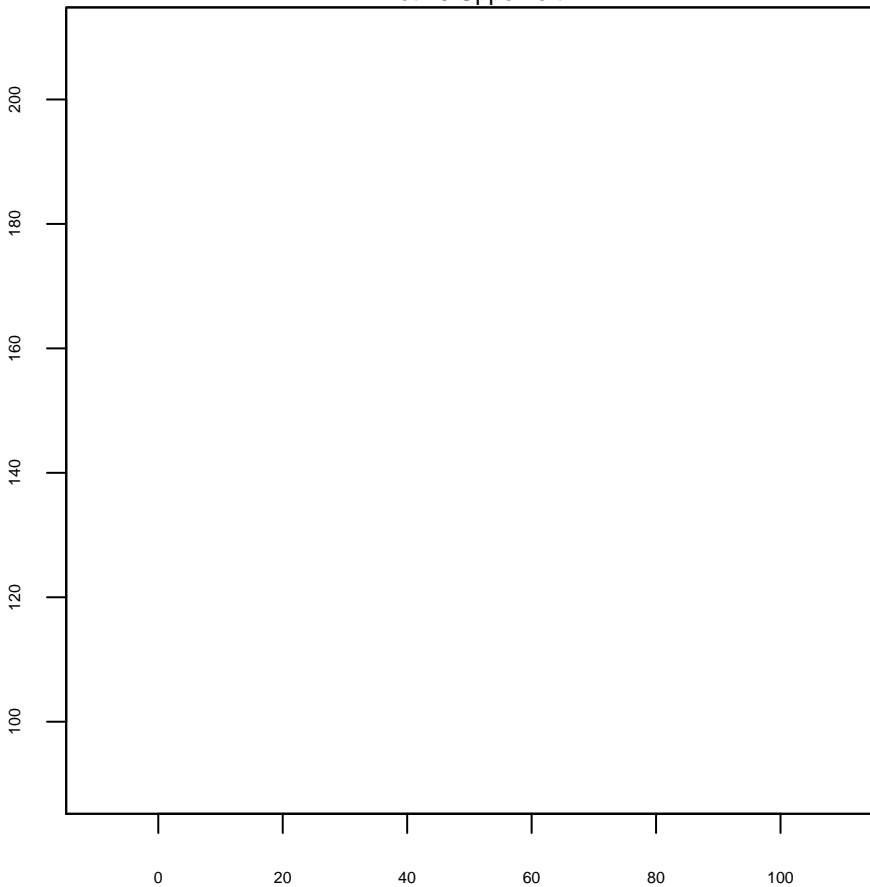
Plot 43 Lower left



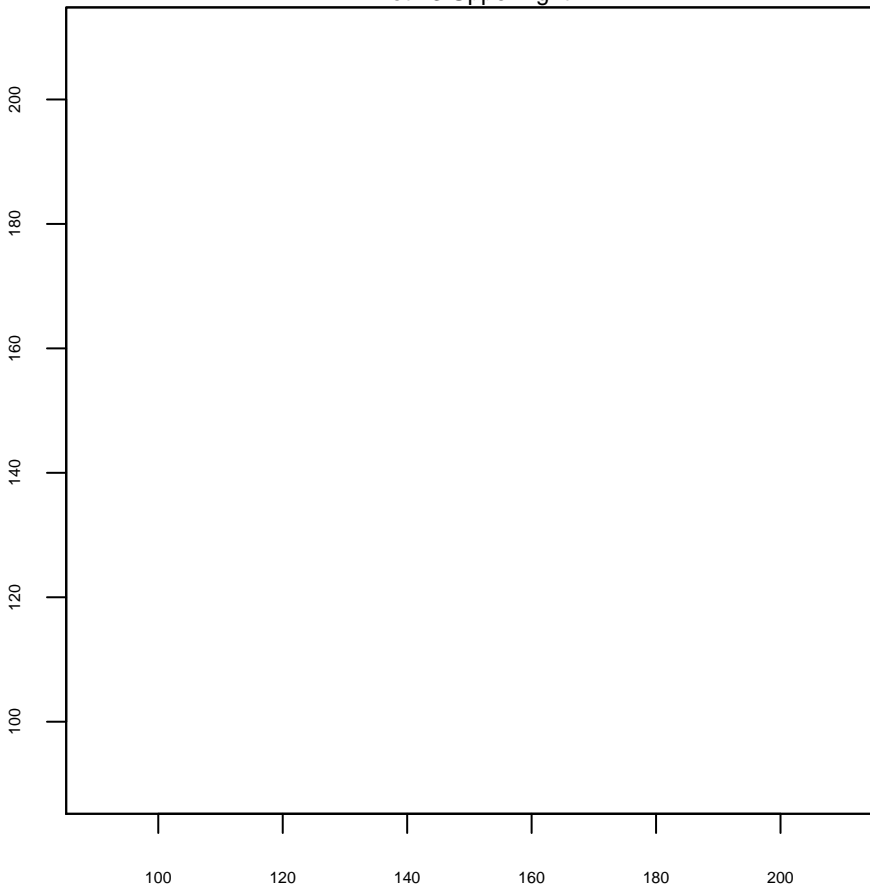
Plot 43 Lower right



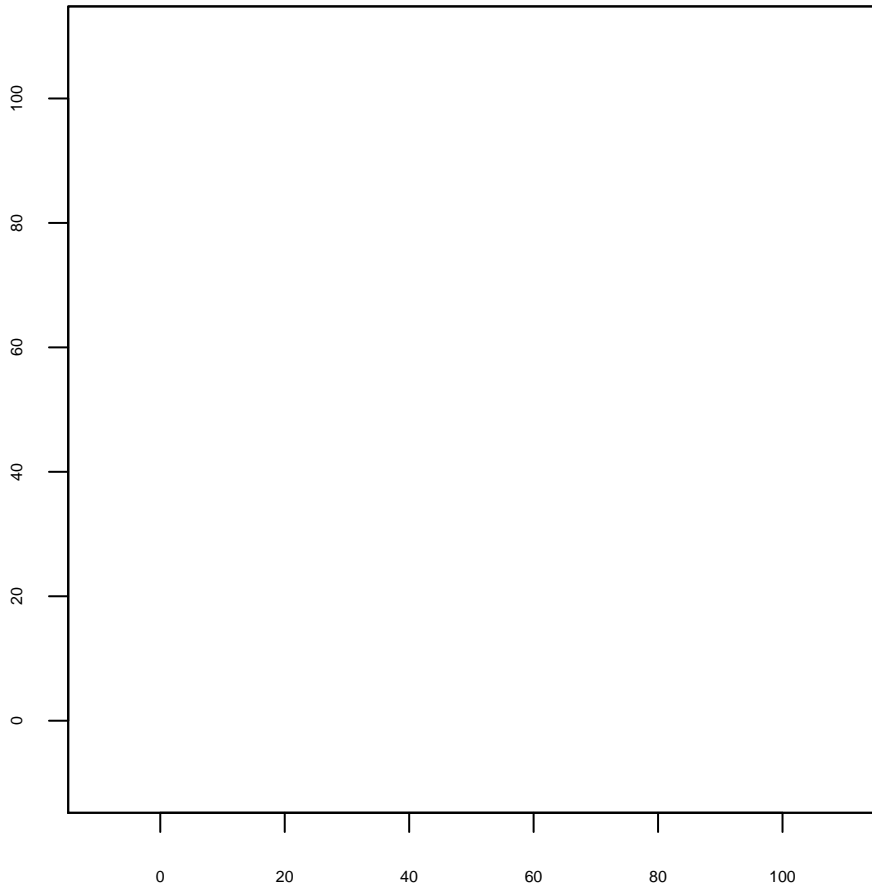
Plot 43 Upper left



Plot 43 Upper right



Plot 44 Lower left



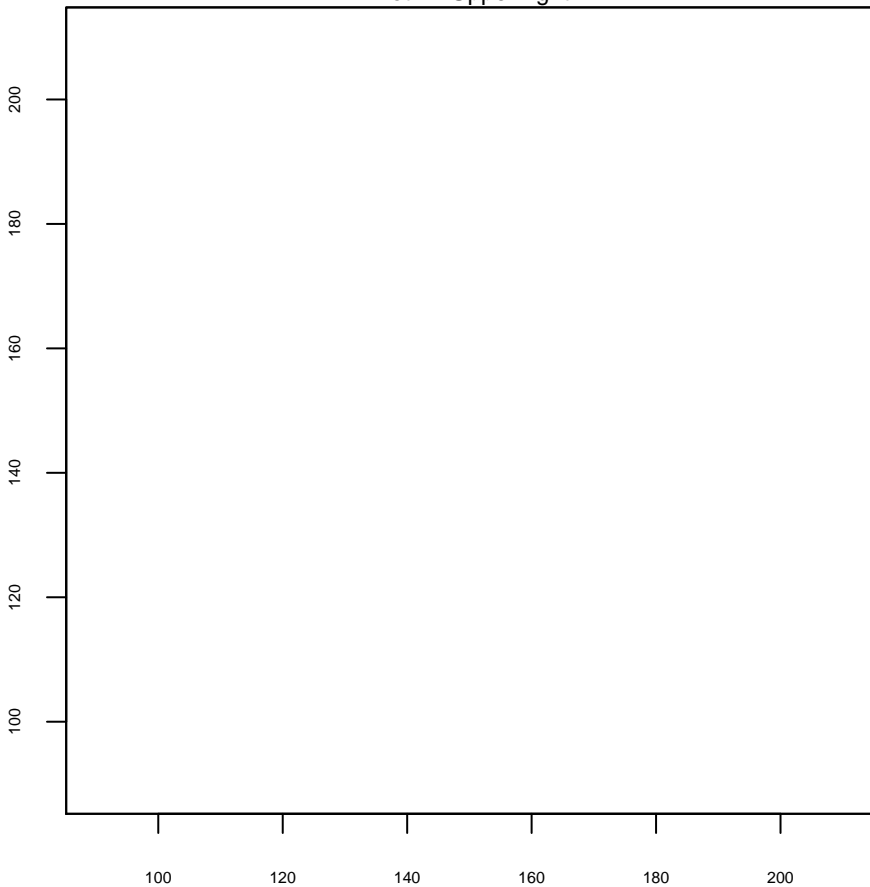
Plot 44 Lower right



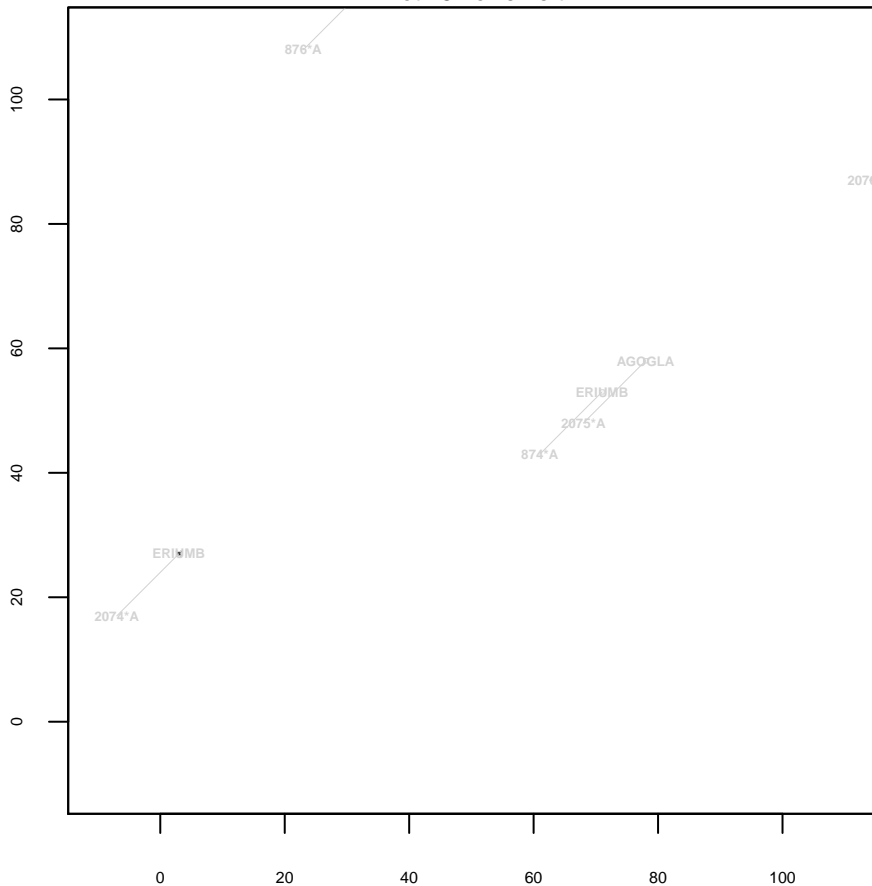
Plot 44 Upper left



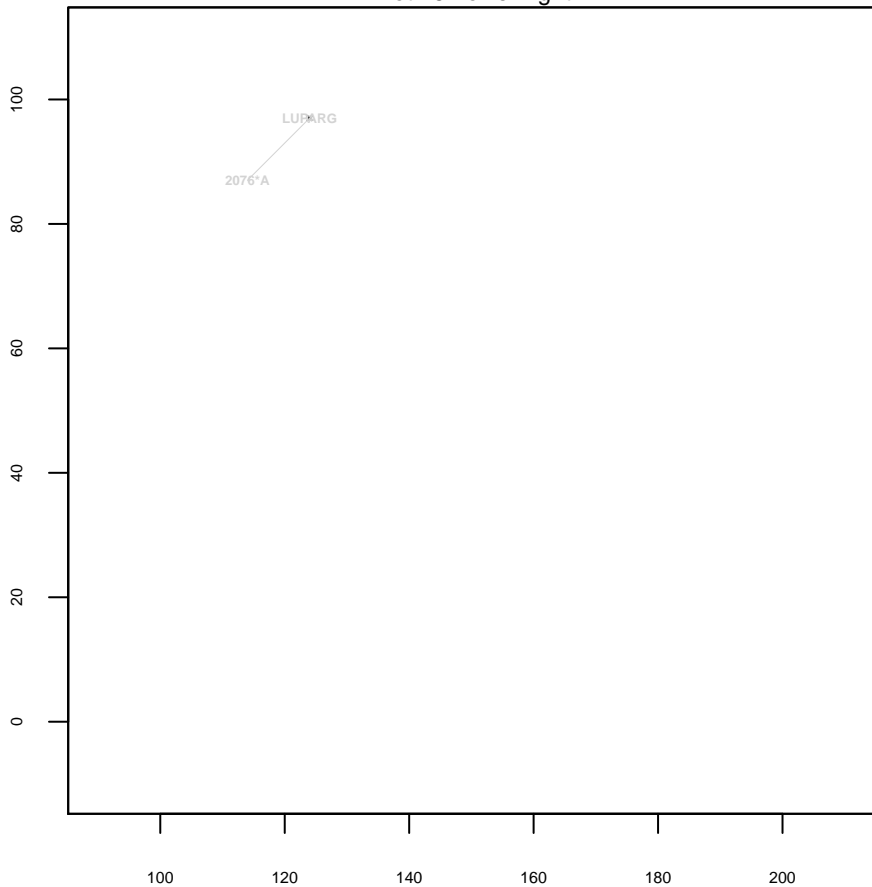
Plot 44 Upper right



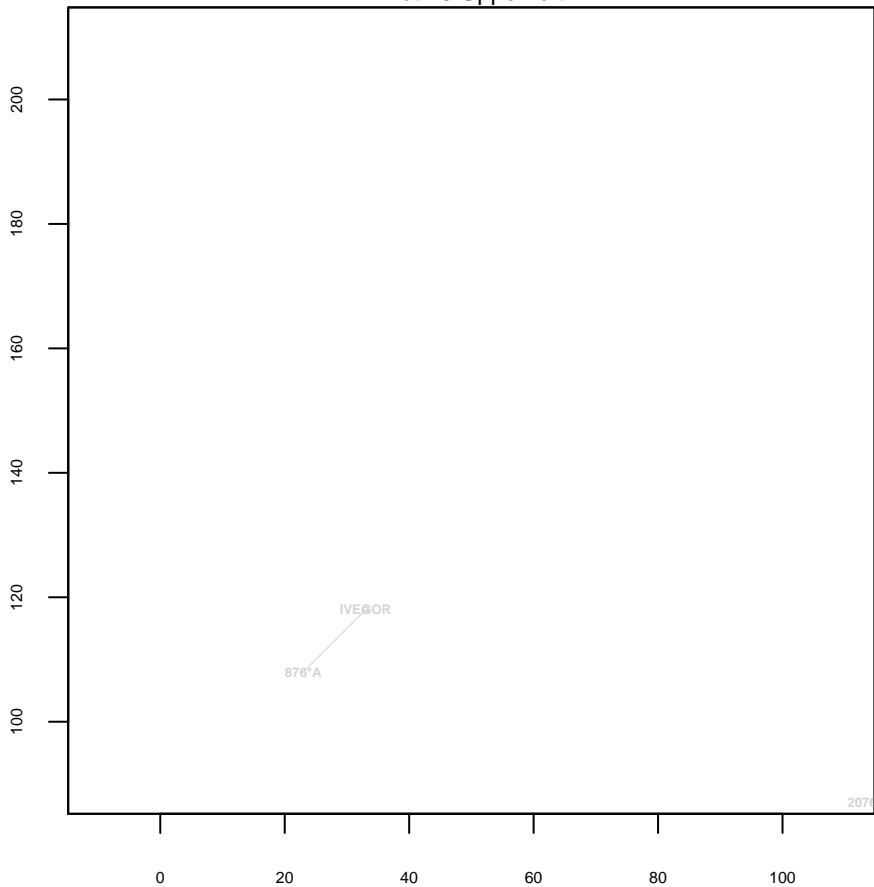
Plot 45 Lower left



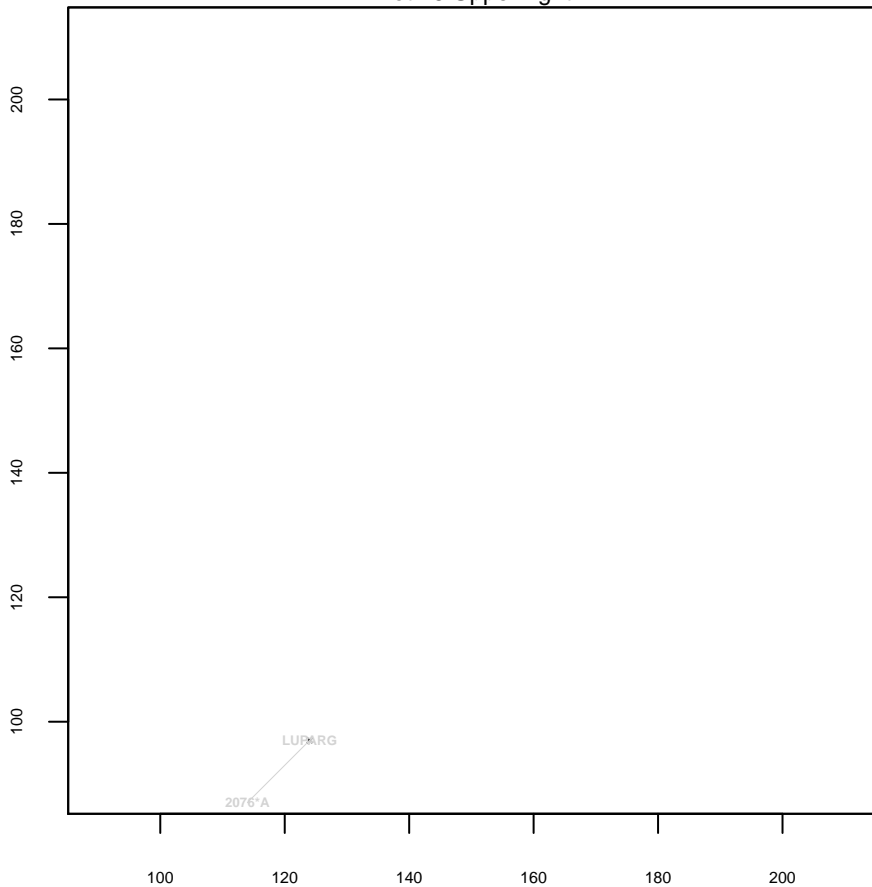
Plot 45 Lower right



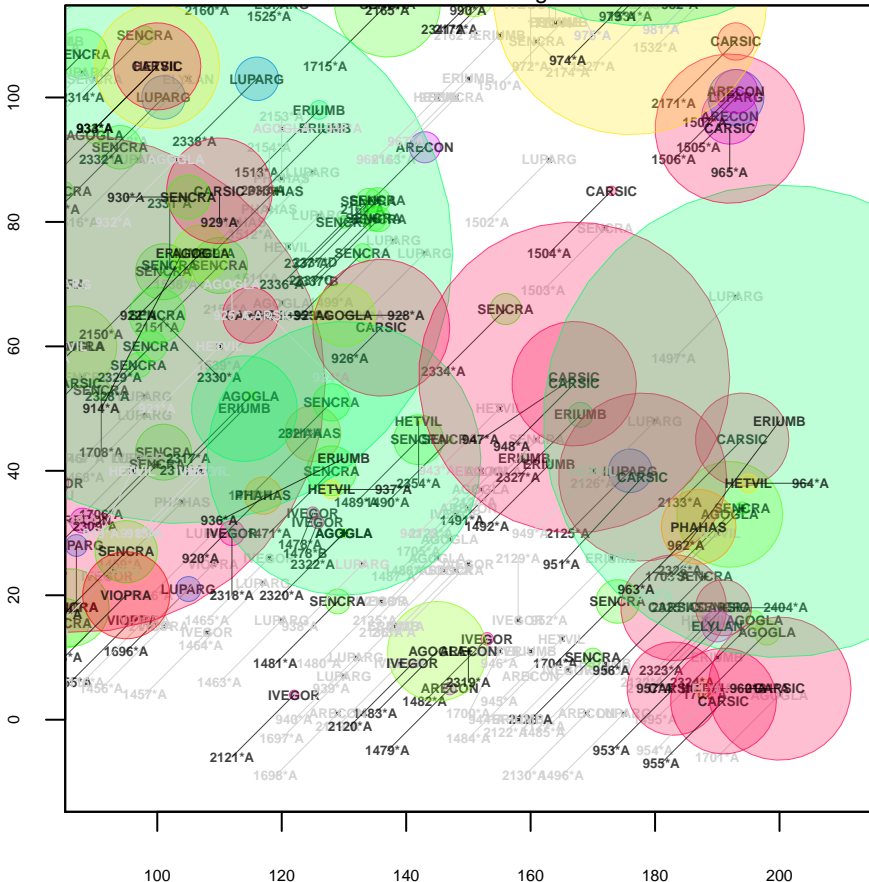
Plot 45 Upper left

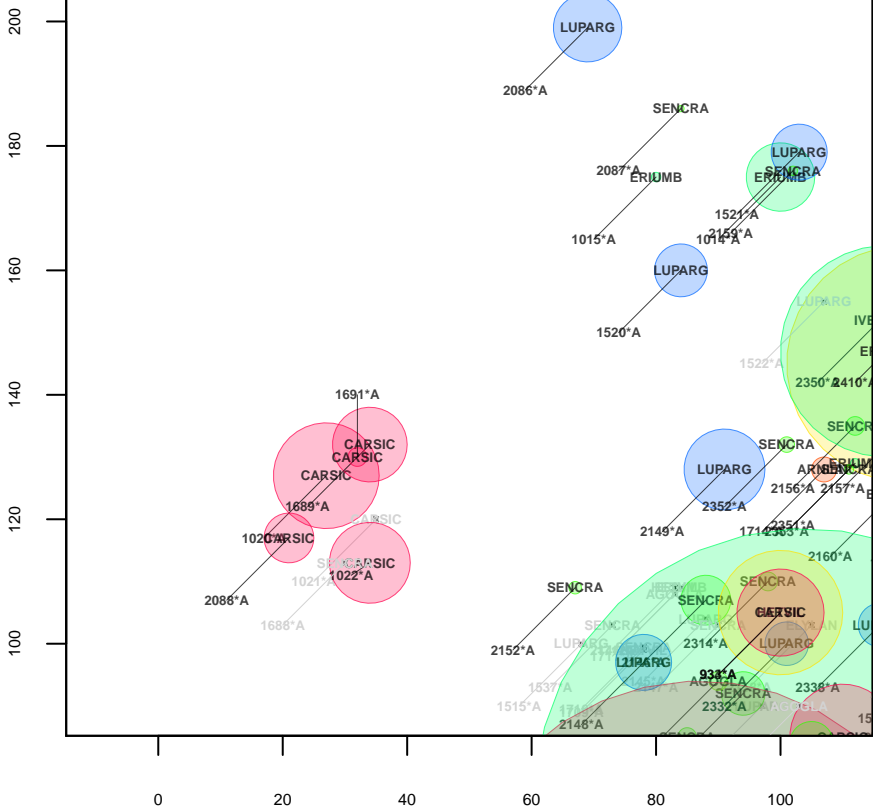


Plot 45 Upper right

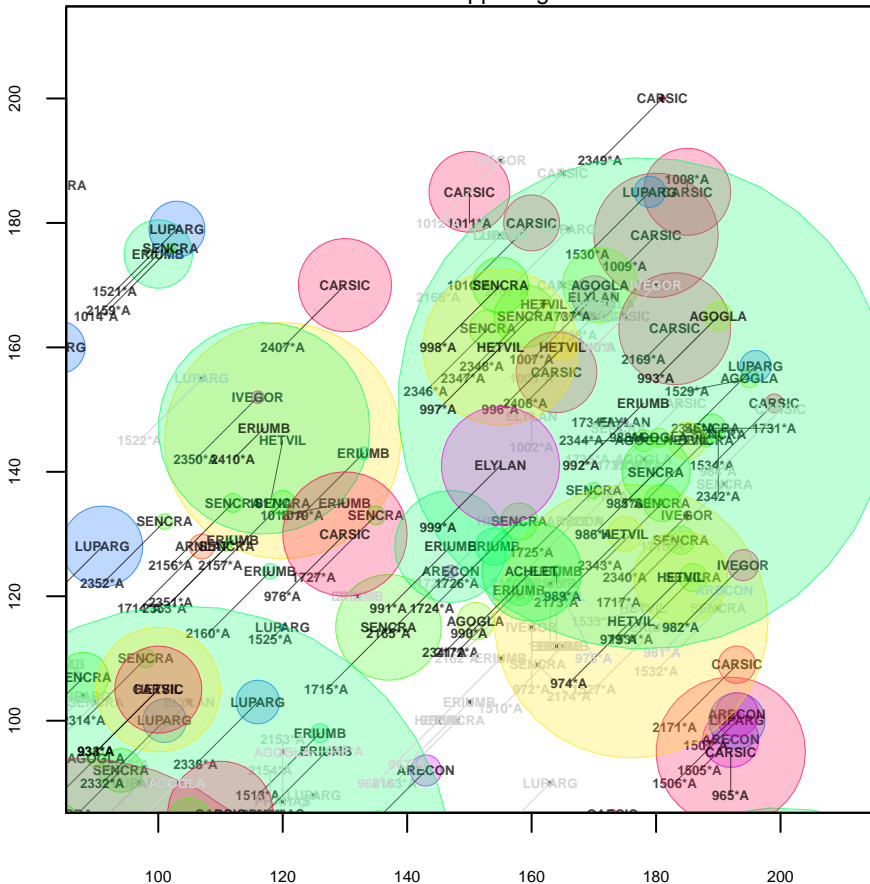


100

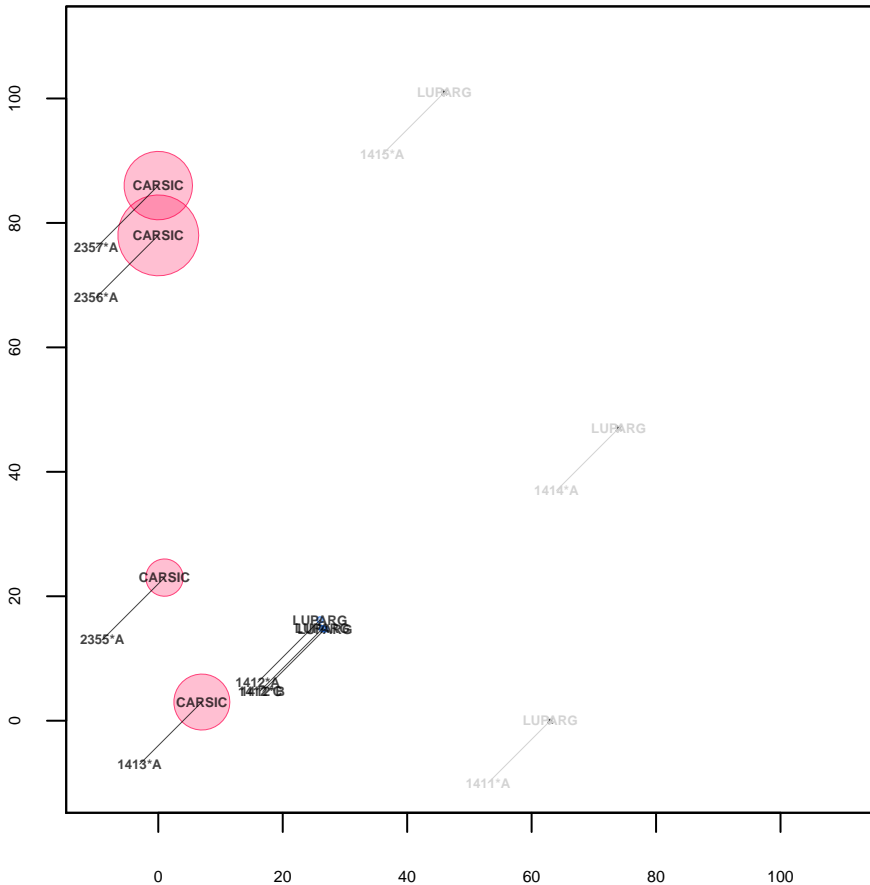




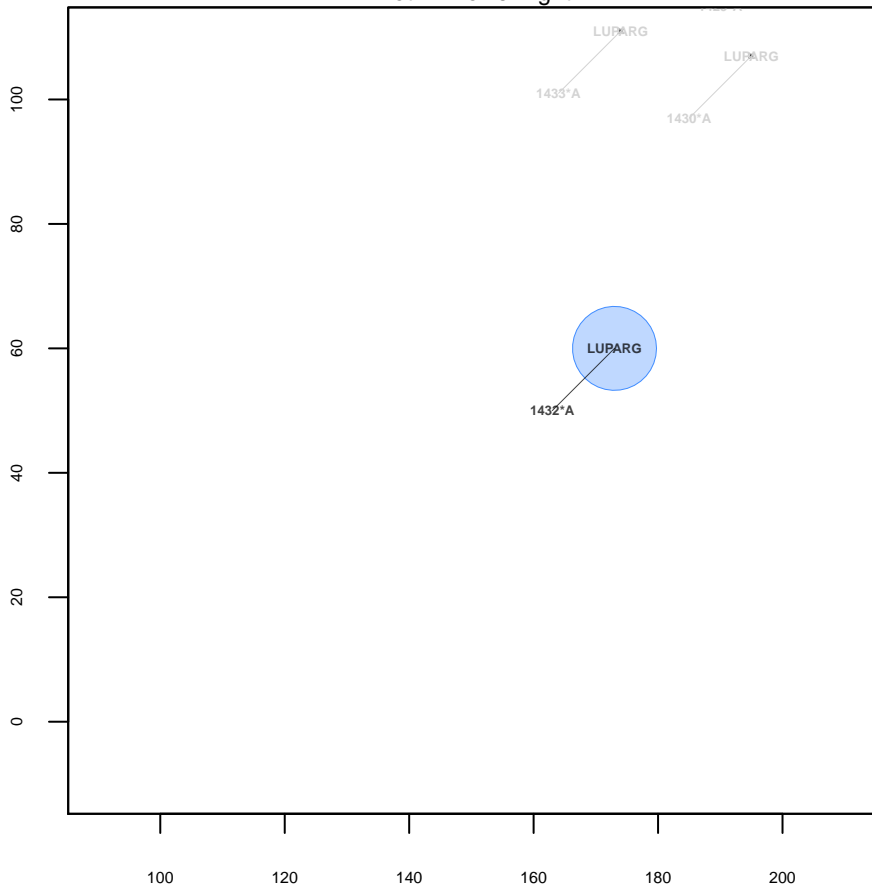
Plot 46 Upper right



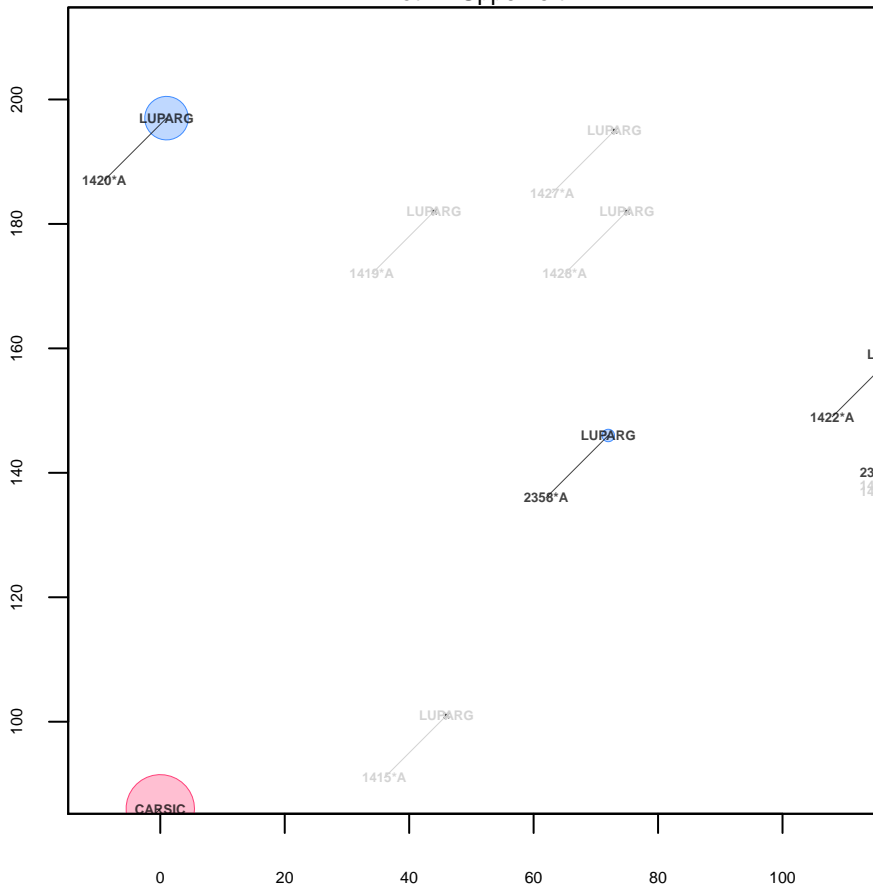
Plot 47 Lower left



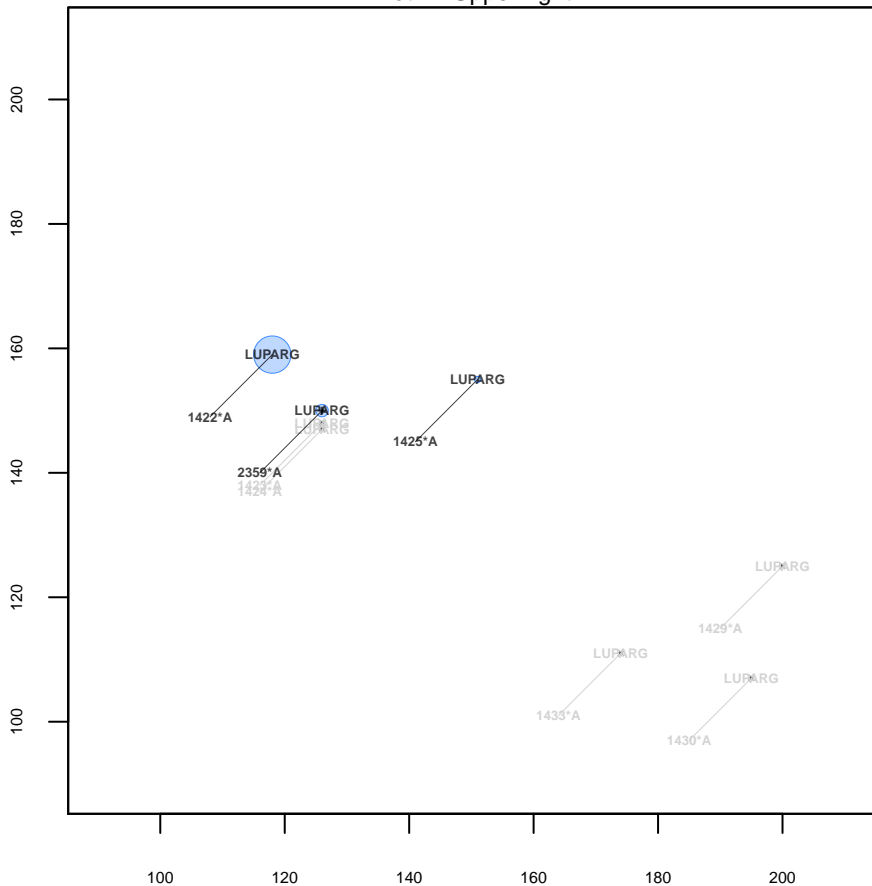
Plot 47 Lower right



Plot 47 Upper left



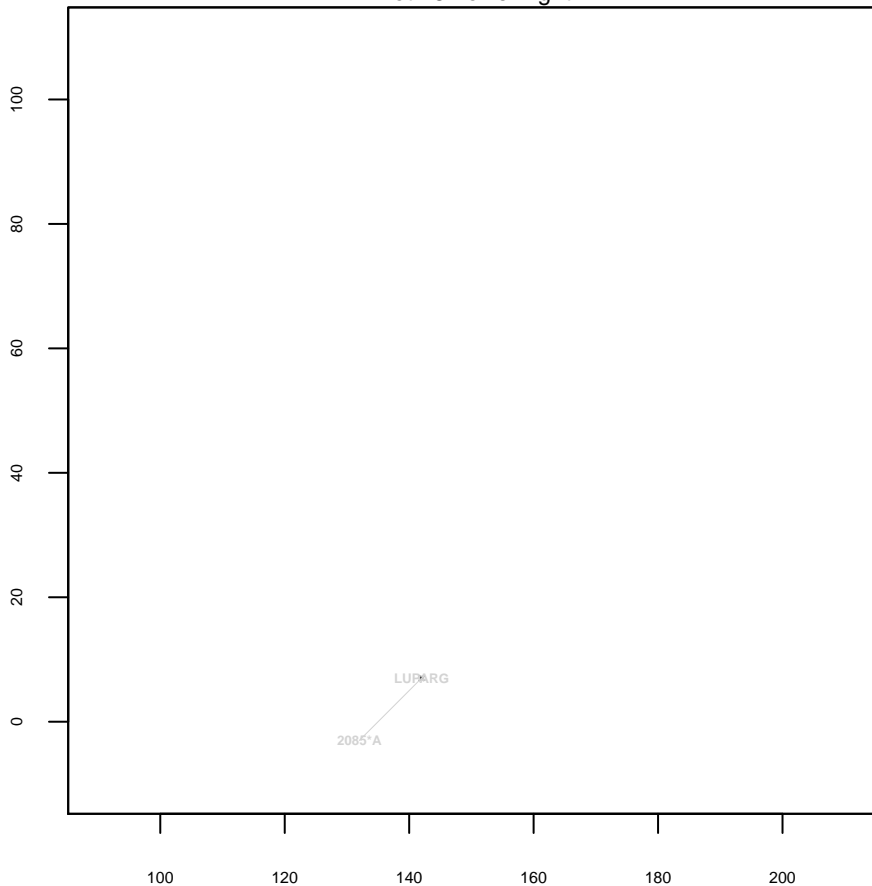
Plot 47 Upper right



Plot 48 Lower left



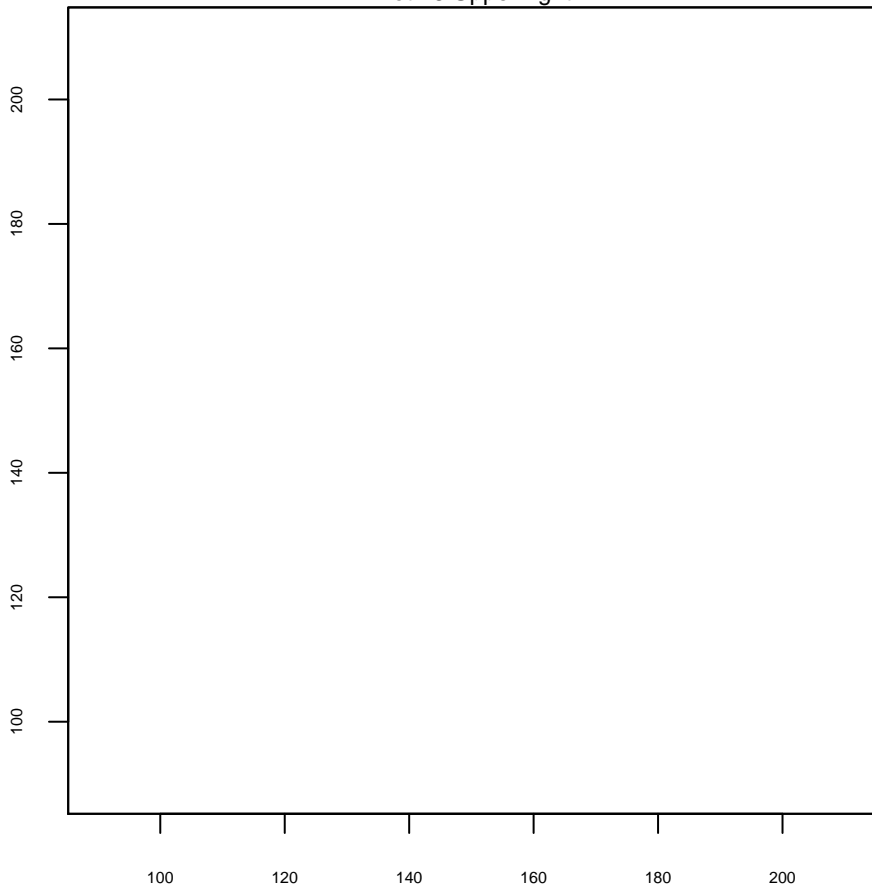
Plot 48 Lower right



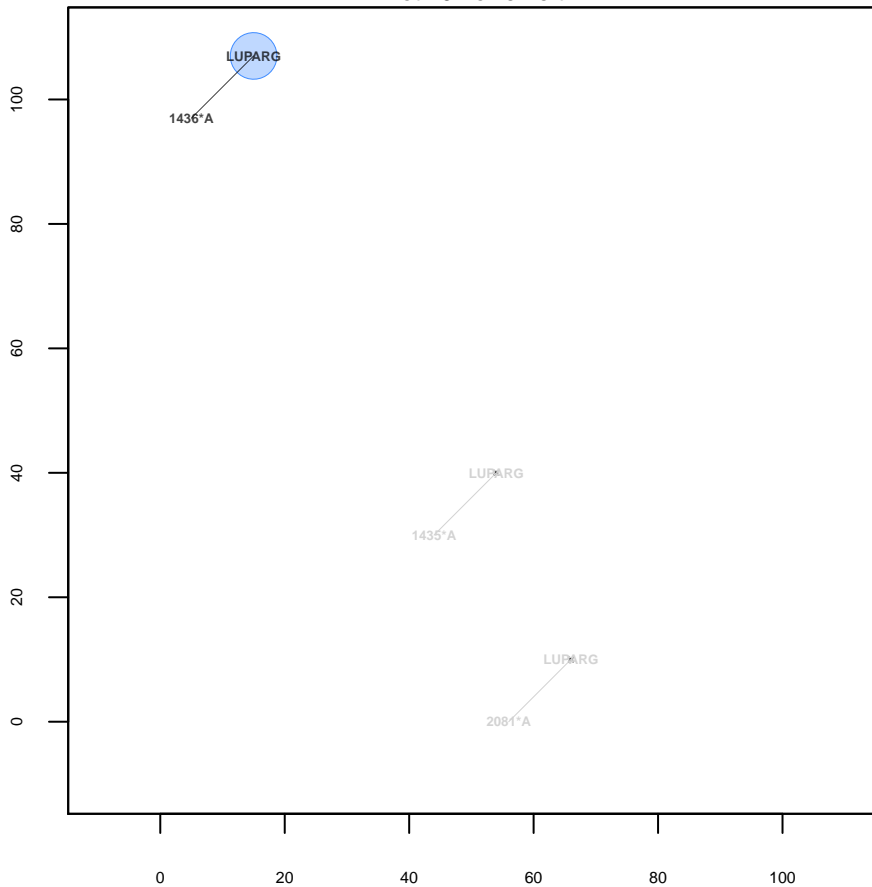
Plot 48 Upper left



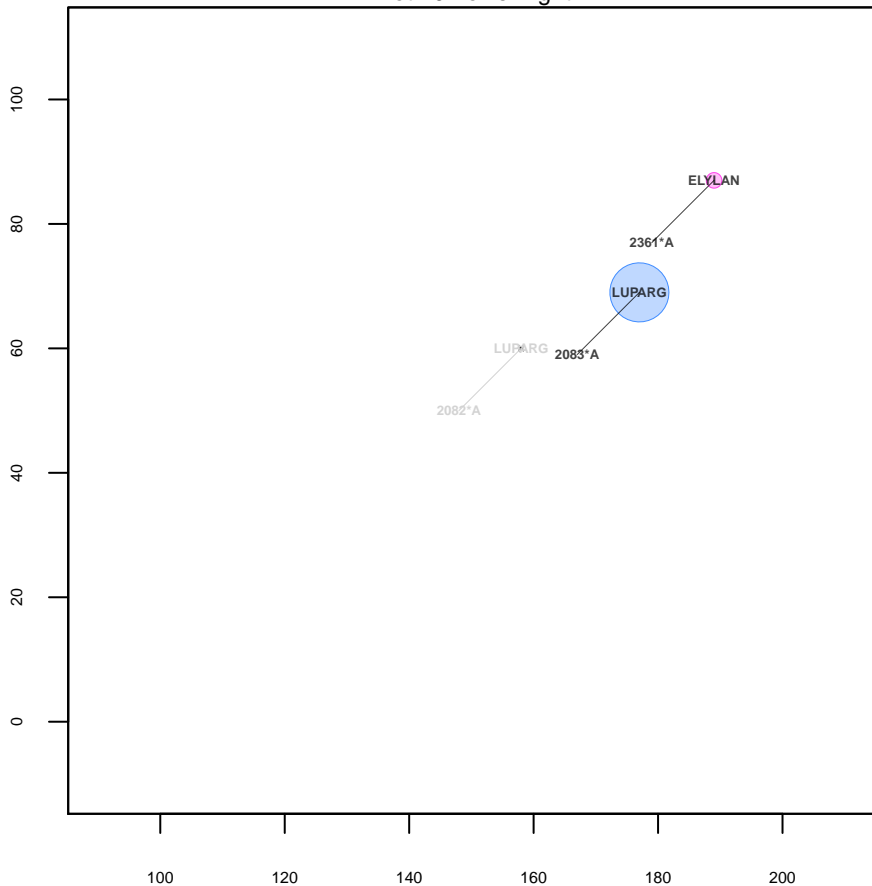
Plot 48 Upper right



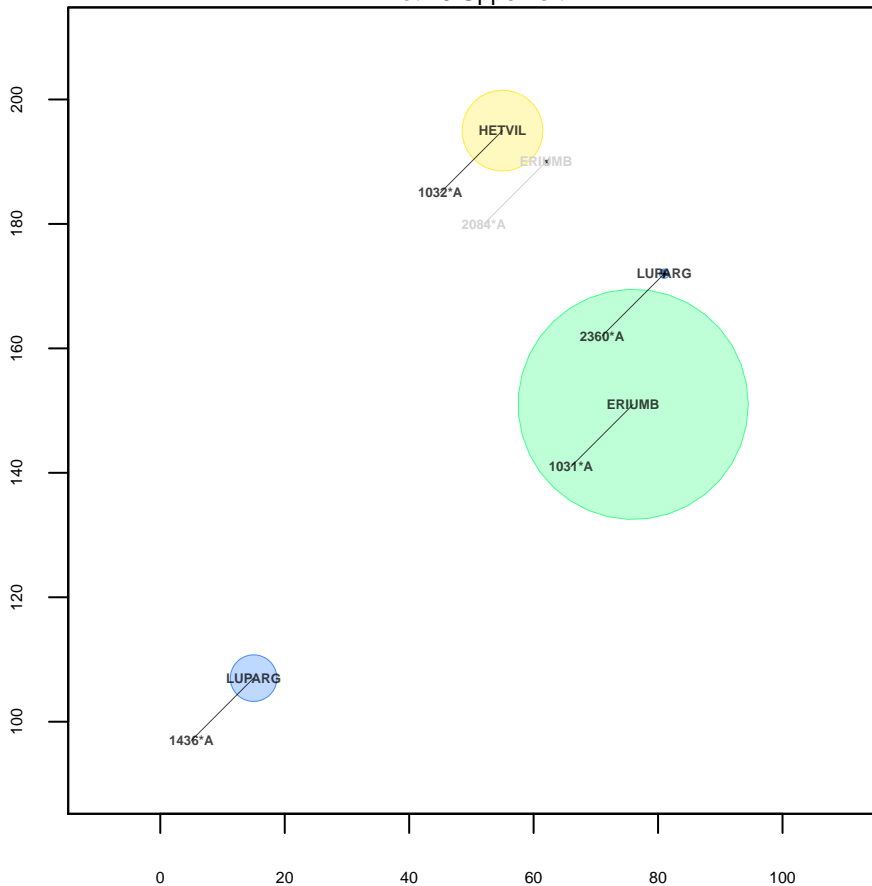
Plot 49 Lower left



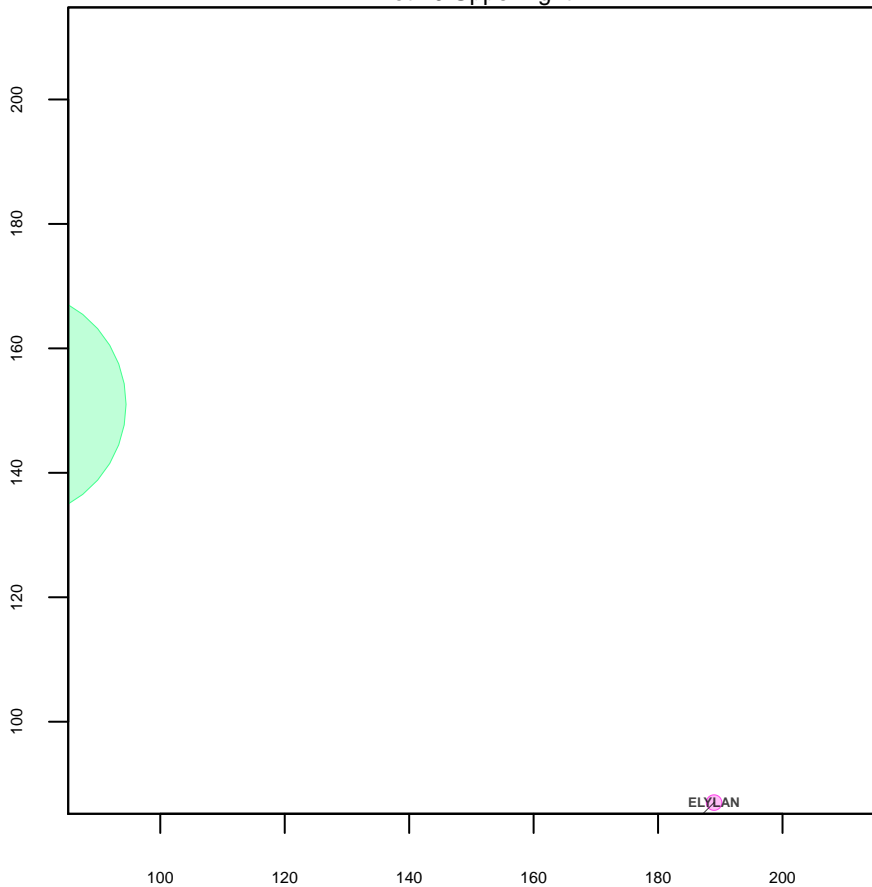
Plot 49 Lower right



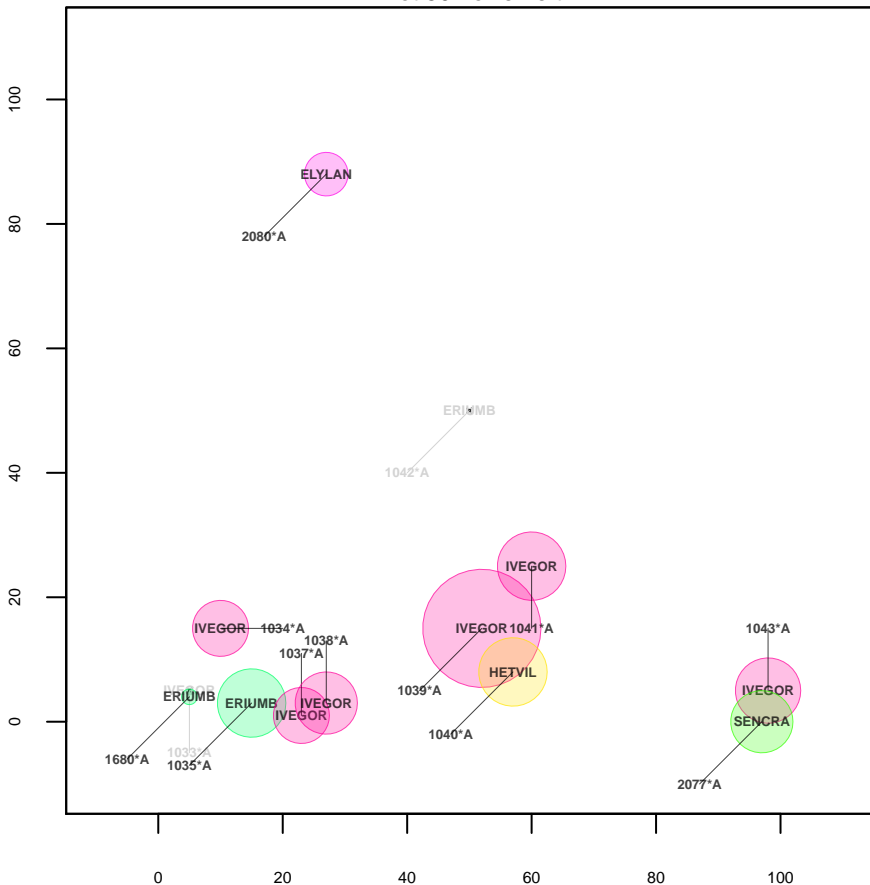
Plot 49 Upper left



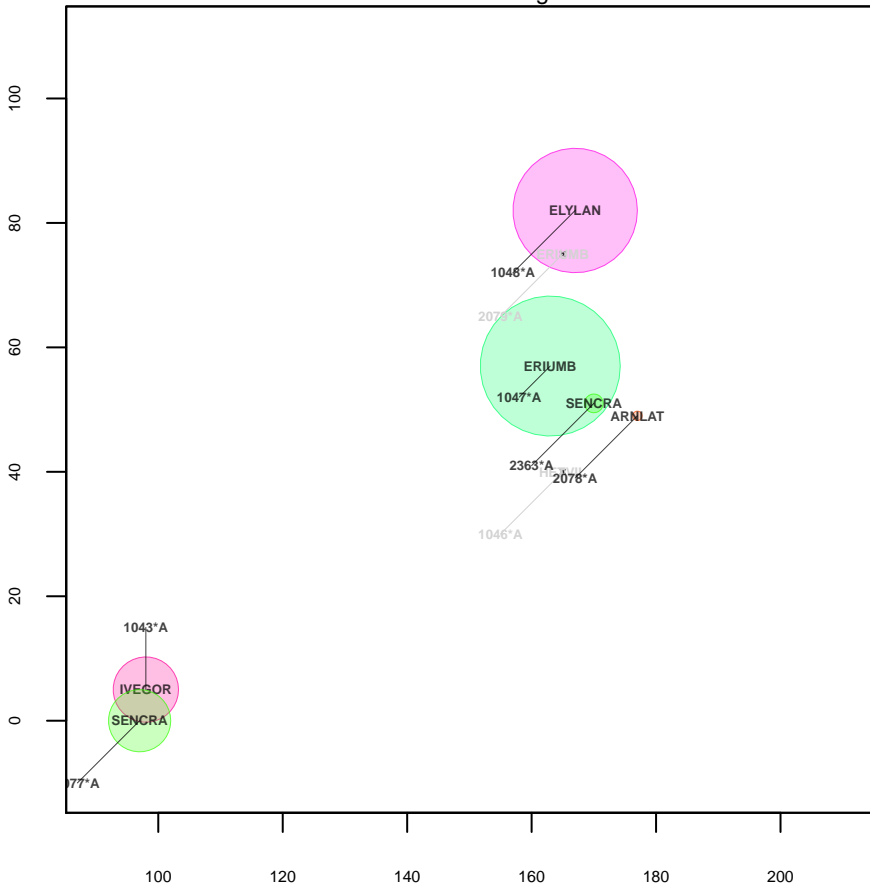
Plot 49 Upper right



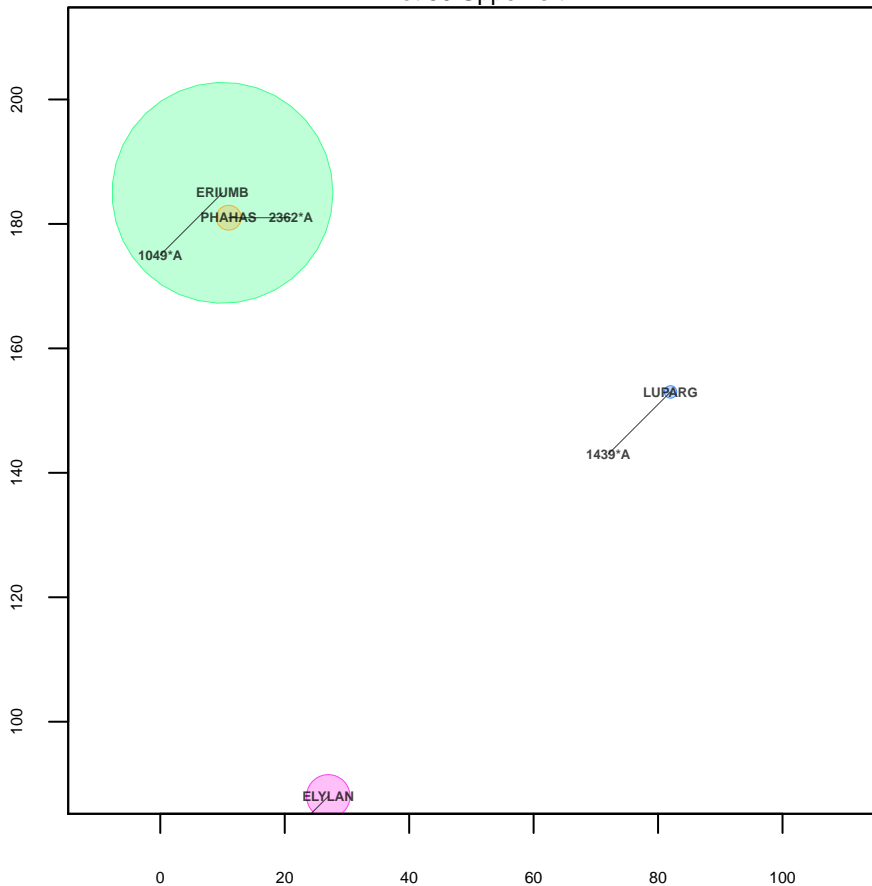
Plot 50 Lower left



Plot 50 Lower right



Plot 50 Upper left



Plot 50 Upper right

