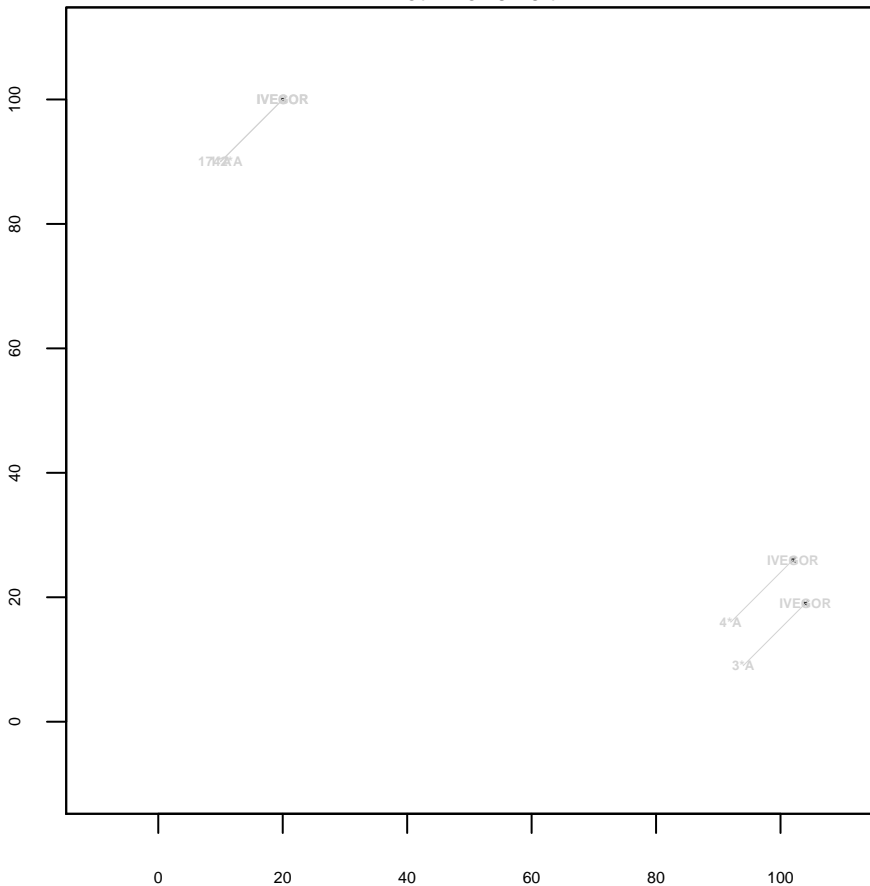
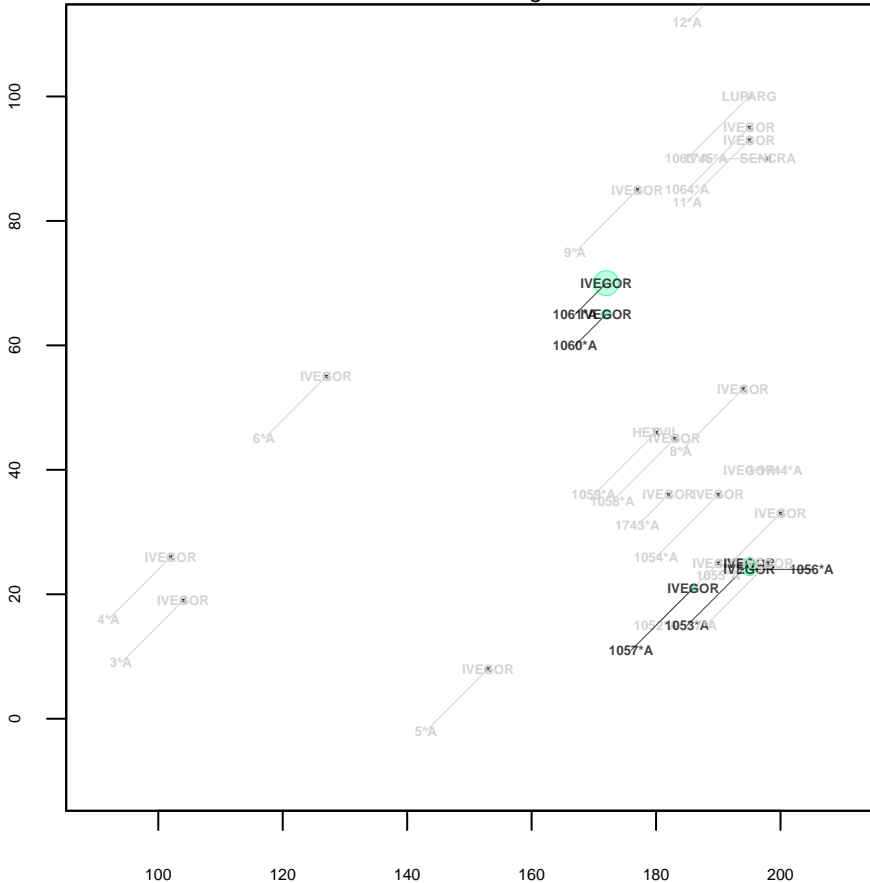


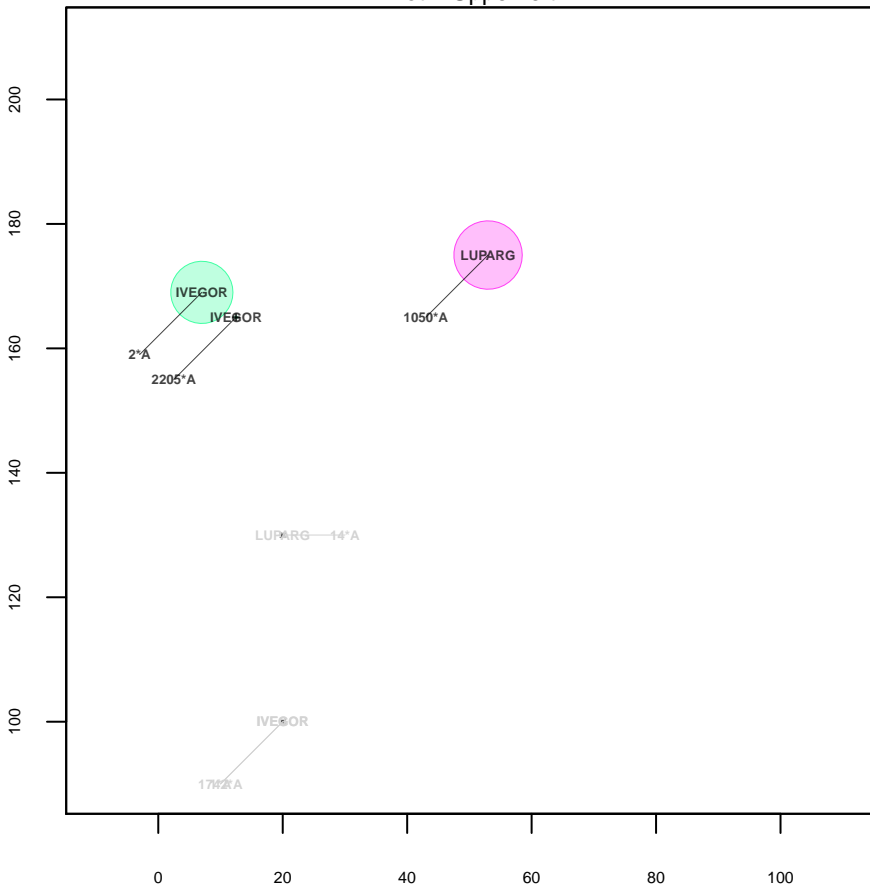
Plot 1 Lower left



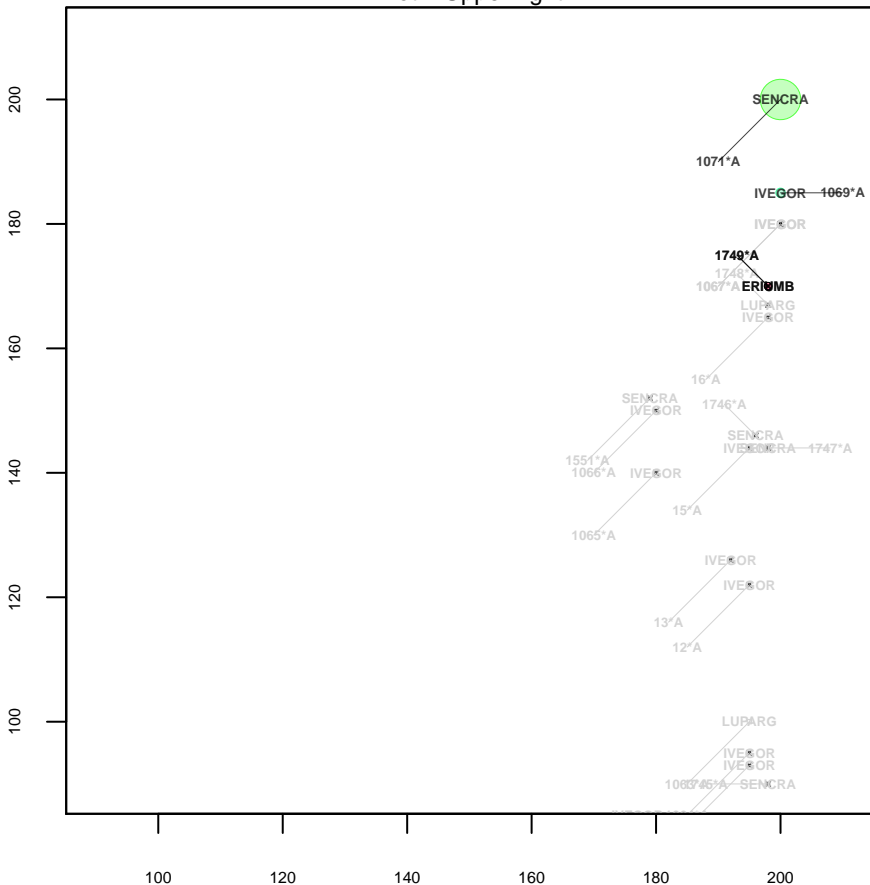
Plot 1 Lower right



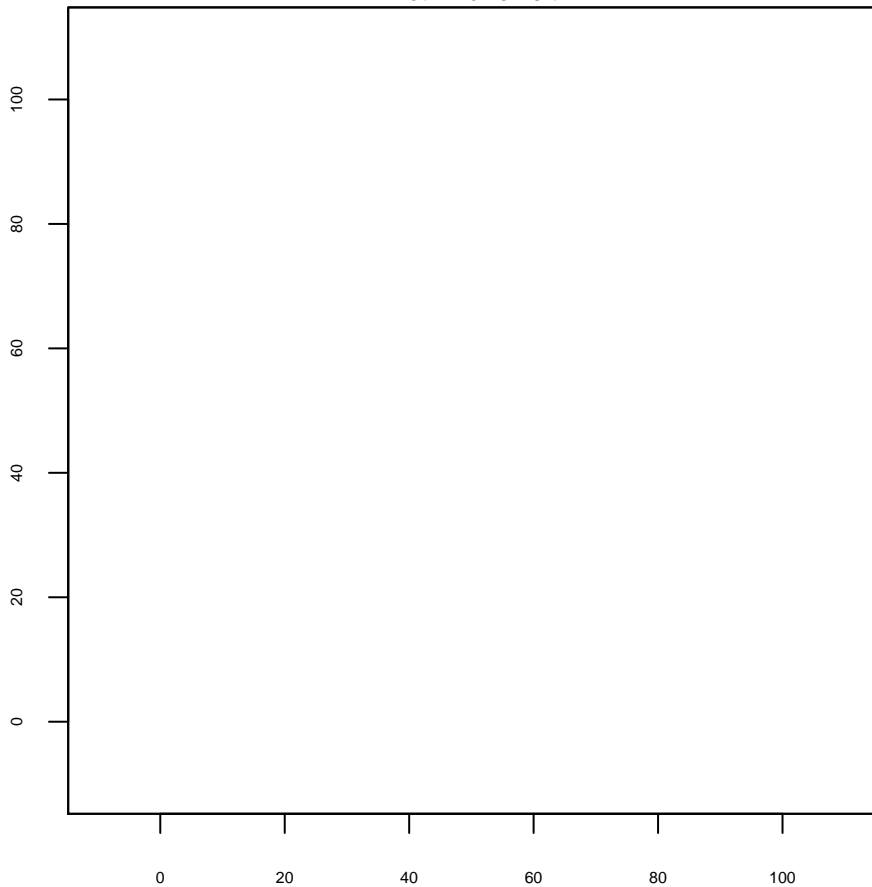
Plot 1 Upper left



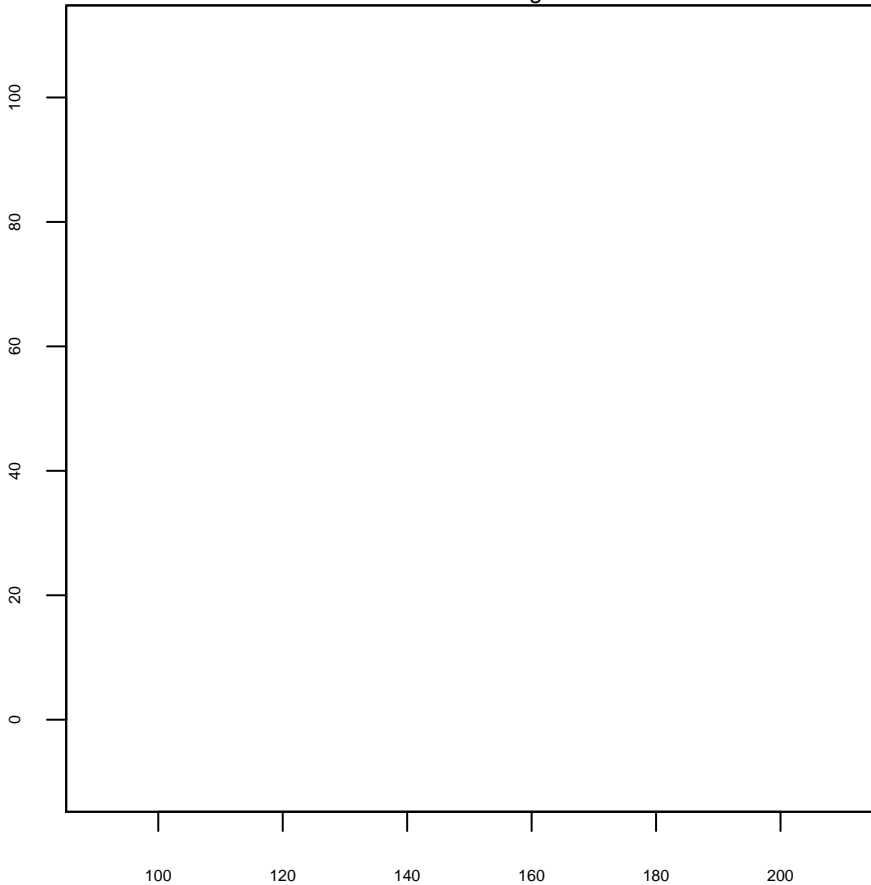
Plot 1 Upper right



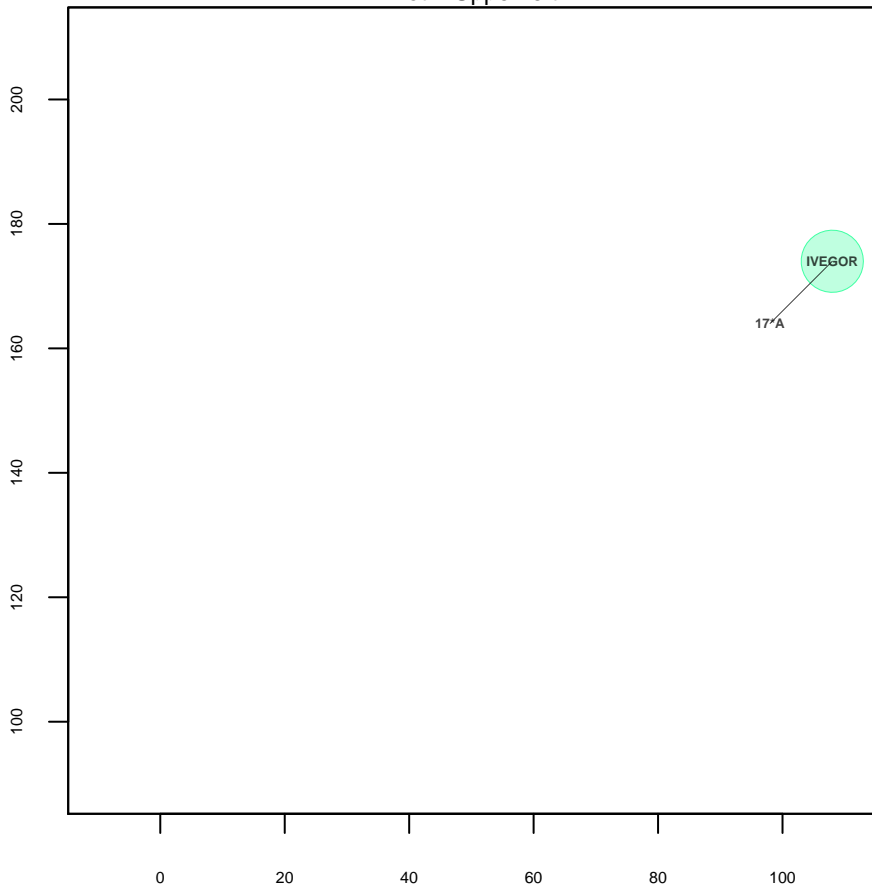
Plot 2 Lower left



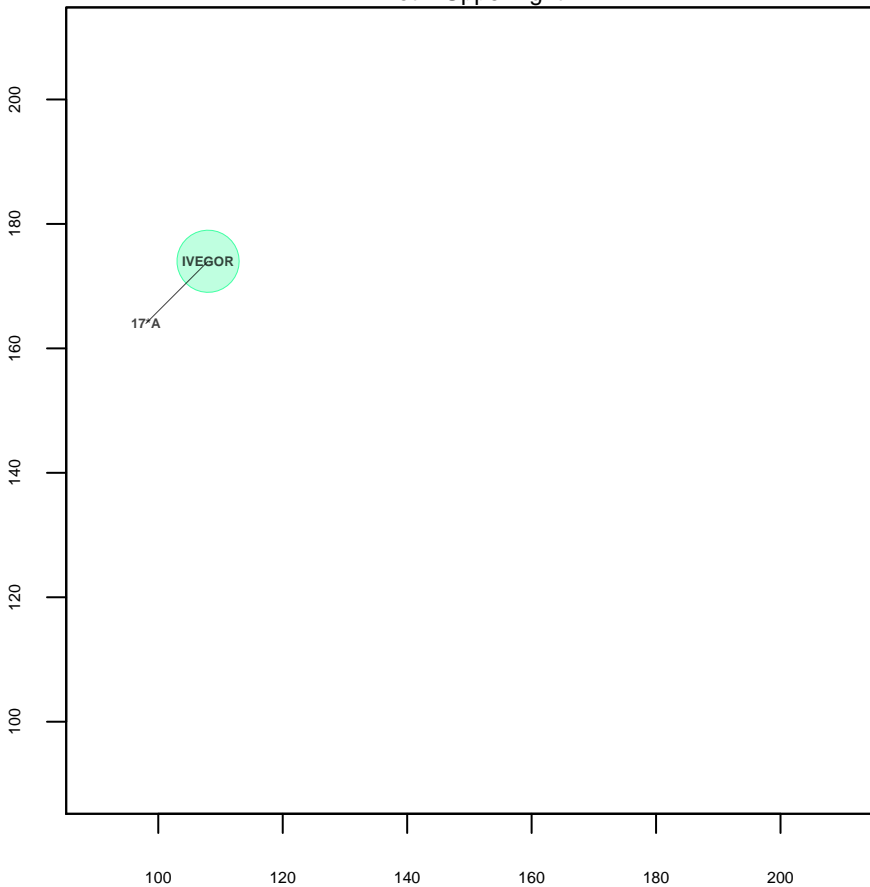
Plot 2 Lower right



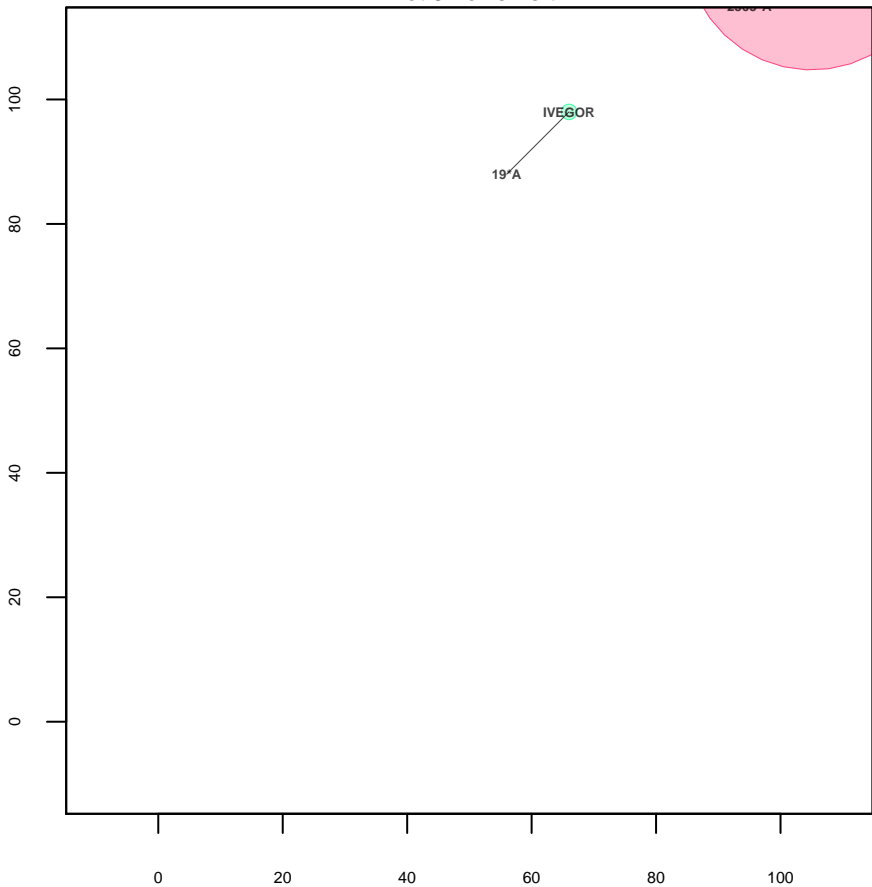
Plot 2 Upper left



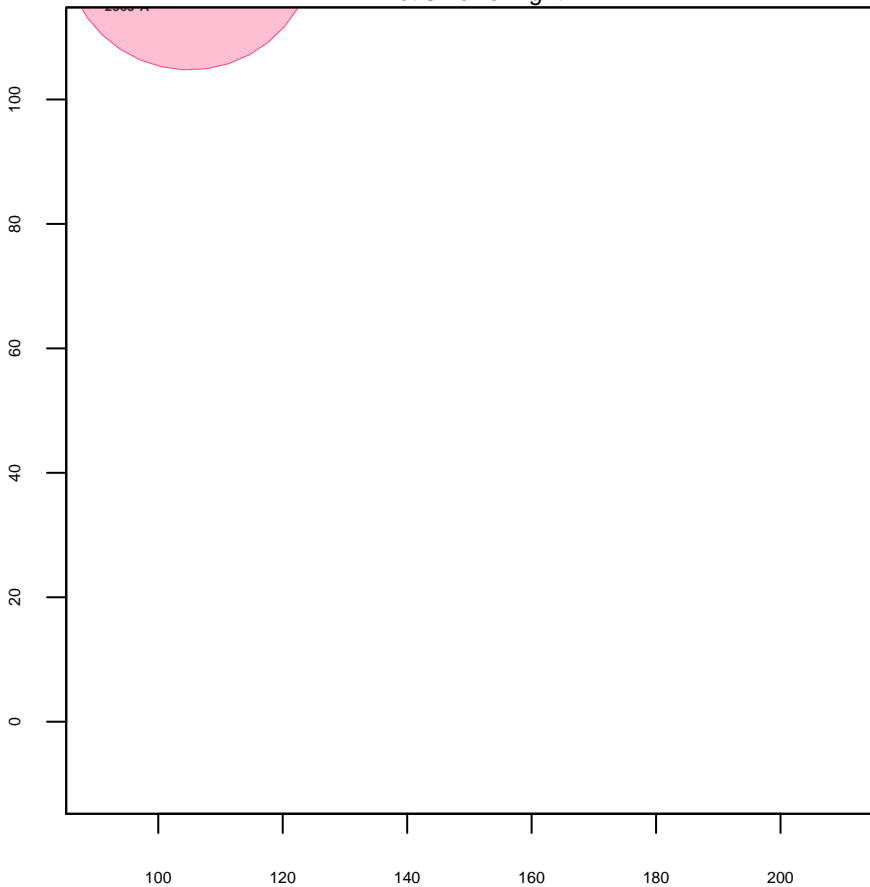
Plot 2 Upper right



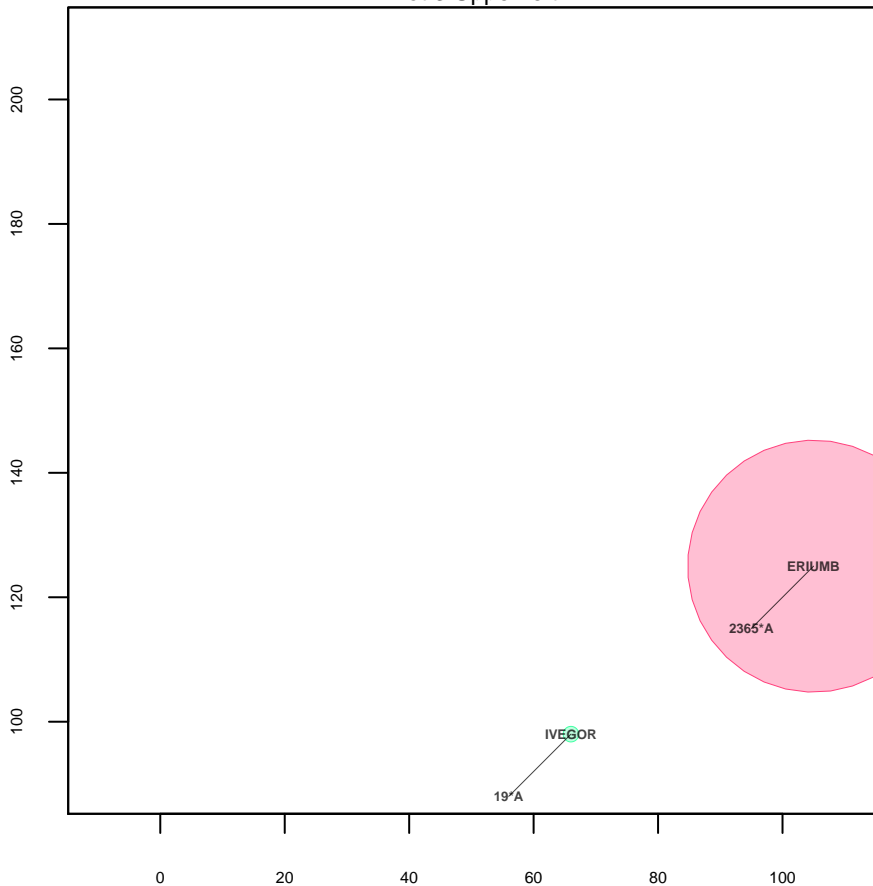
Plot 3 Lower left



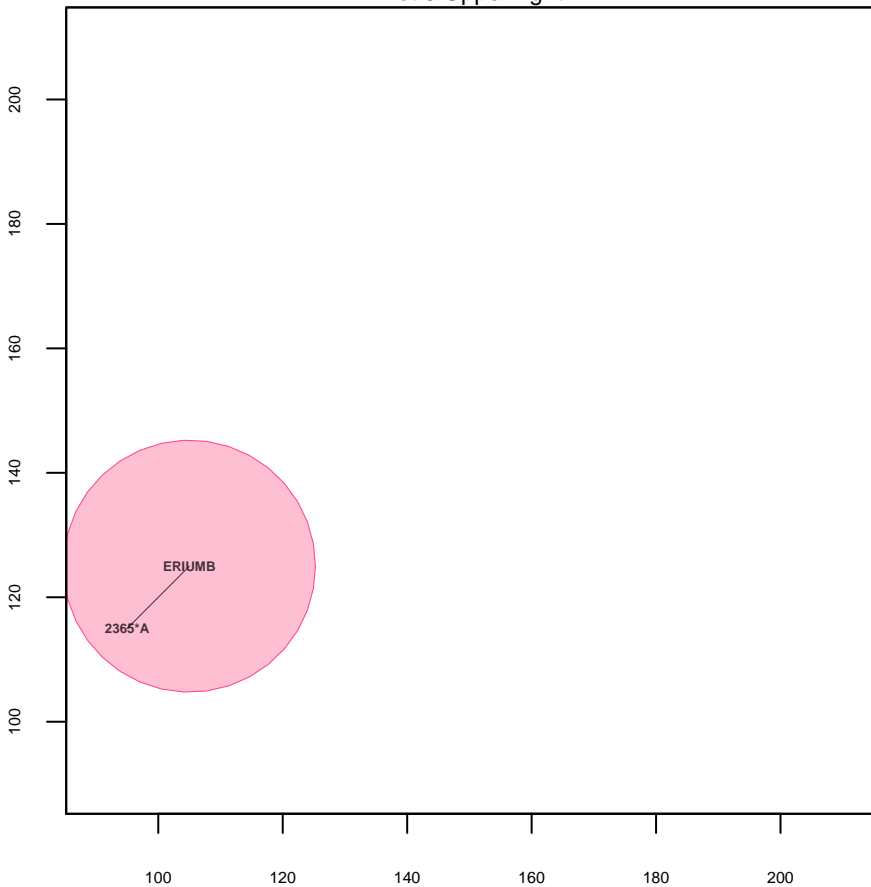
Plot 3 Lower right



Plot 3 Upper left



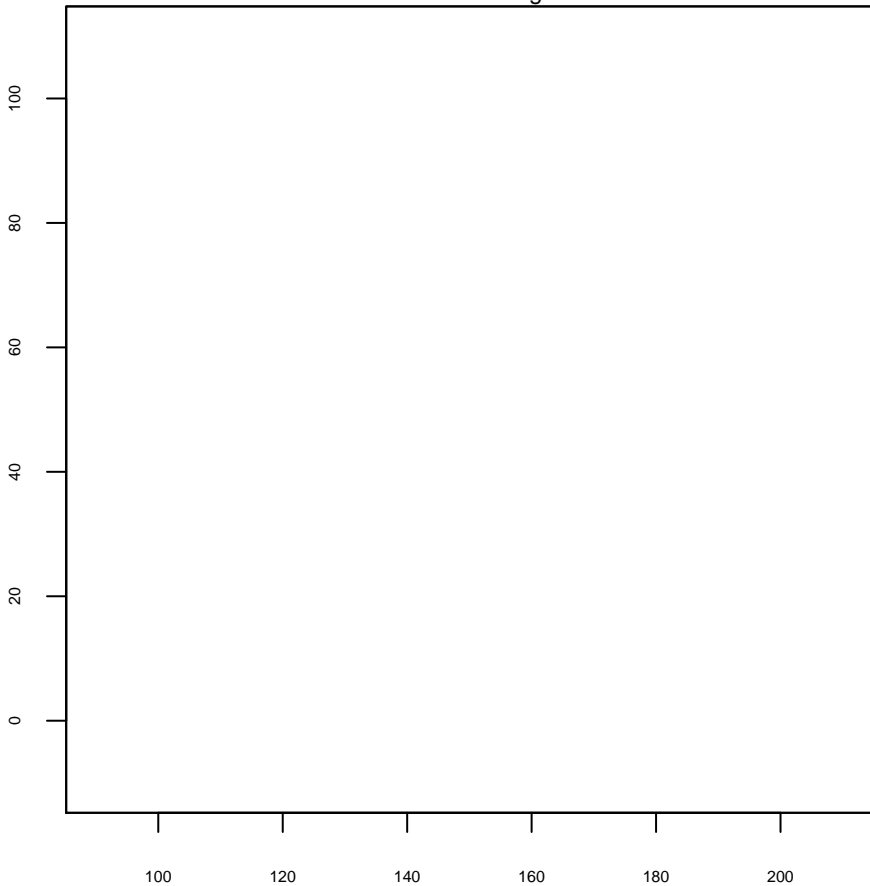
Plot 3 Upper right



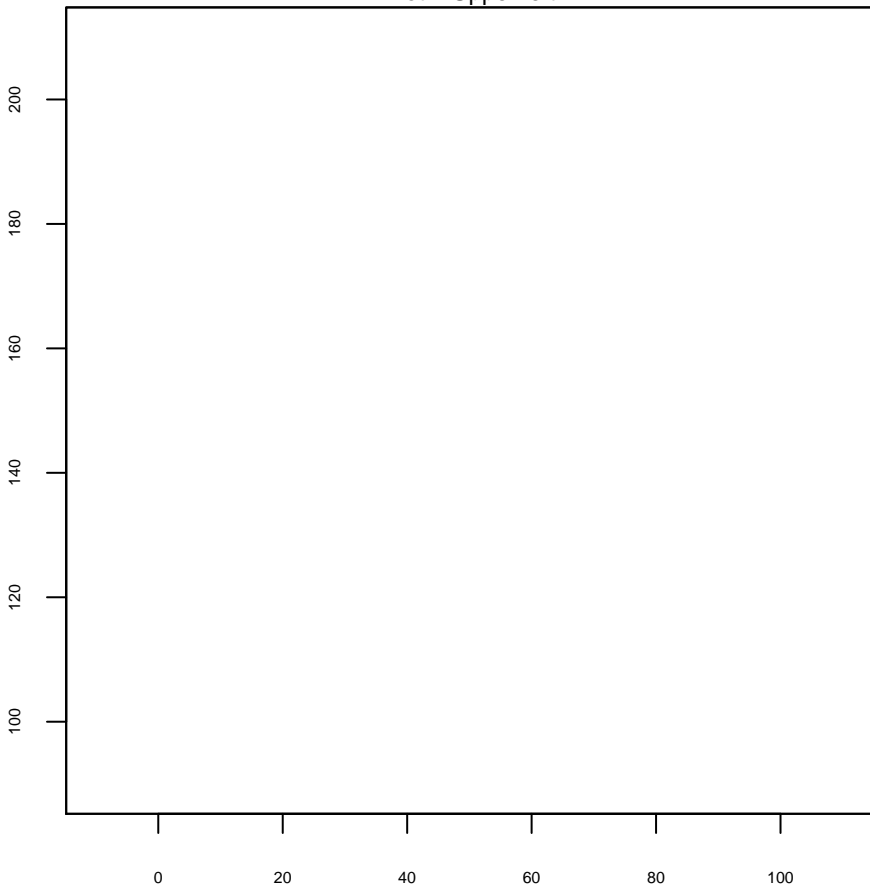
Plot 4 Lower left



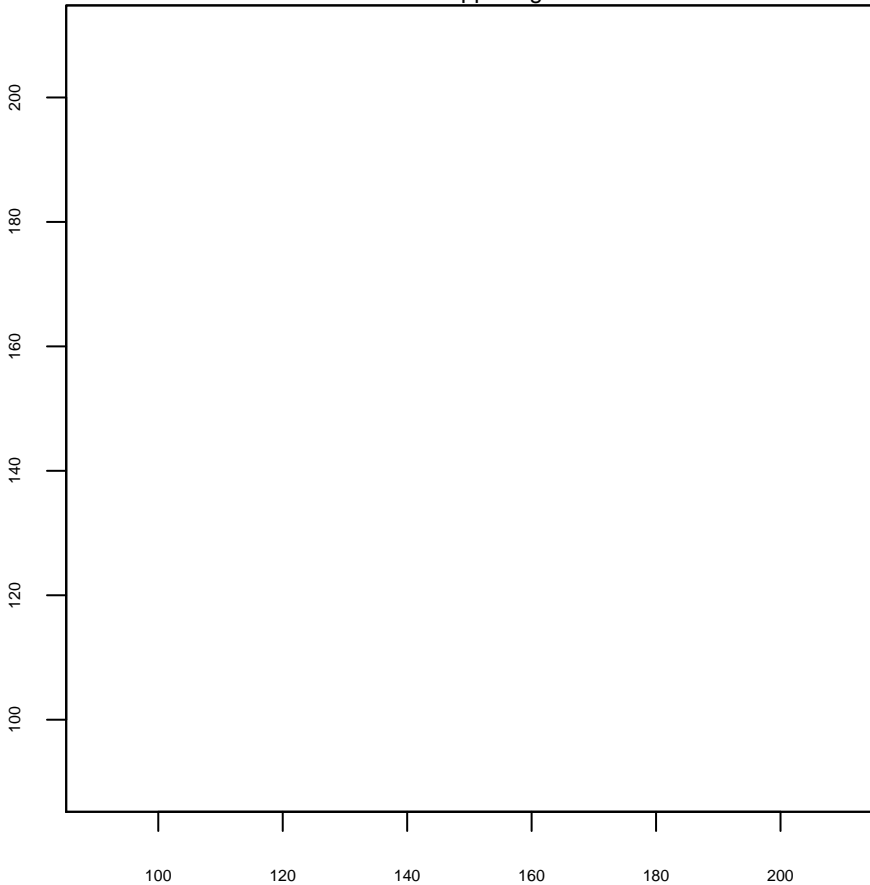
Plot 4 Lower right



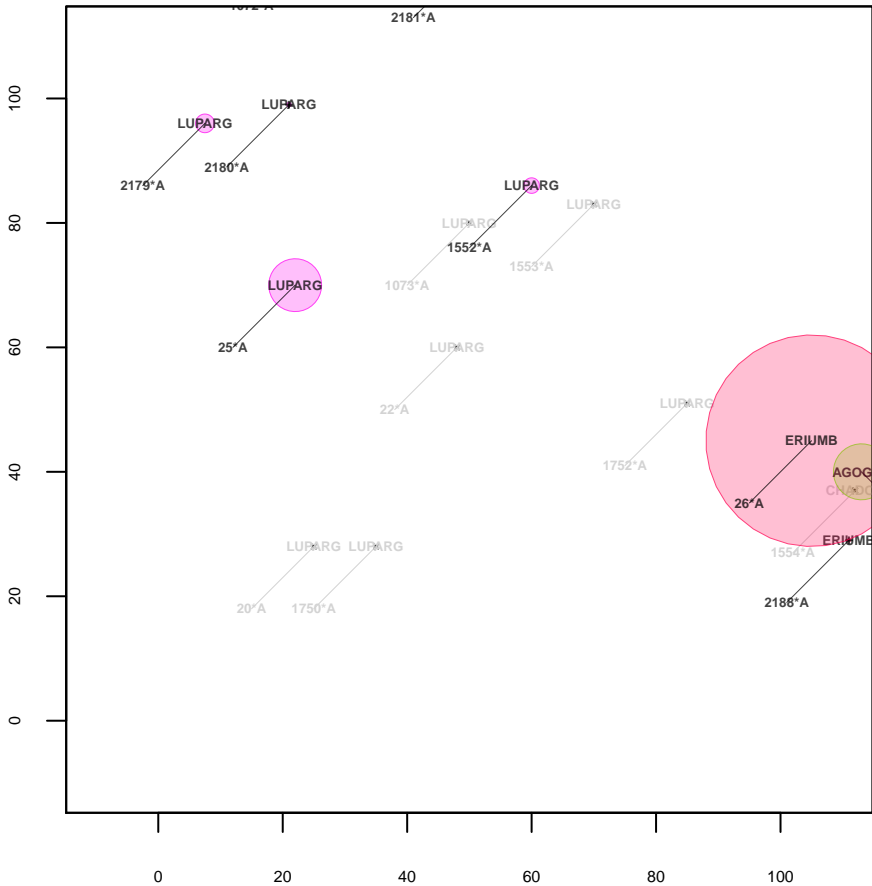
Plot 4 Upper left



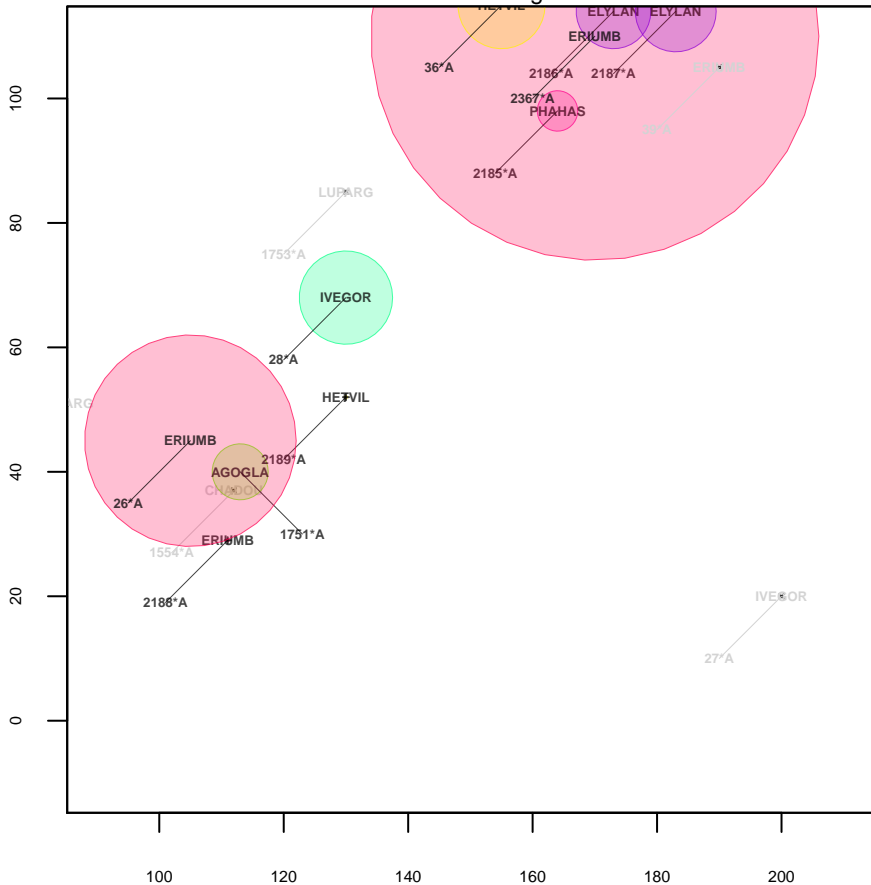
Plot 4 Upper right



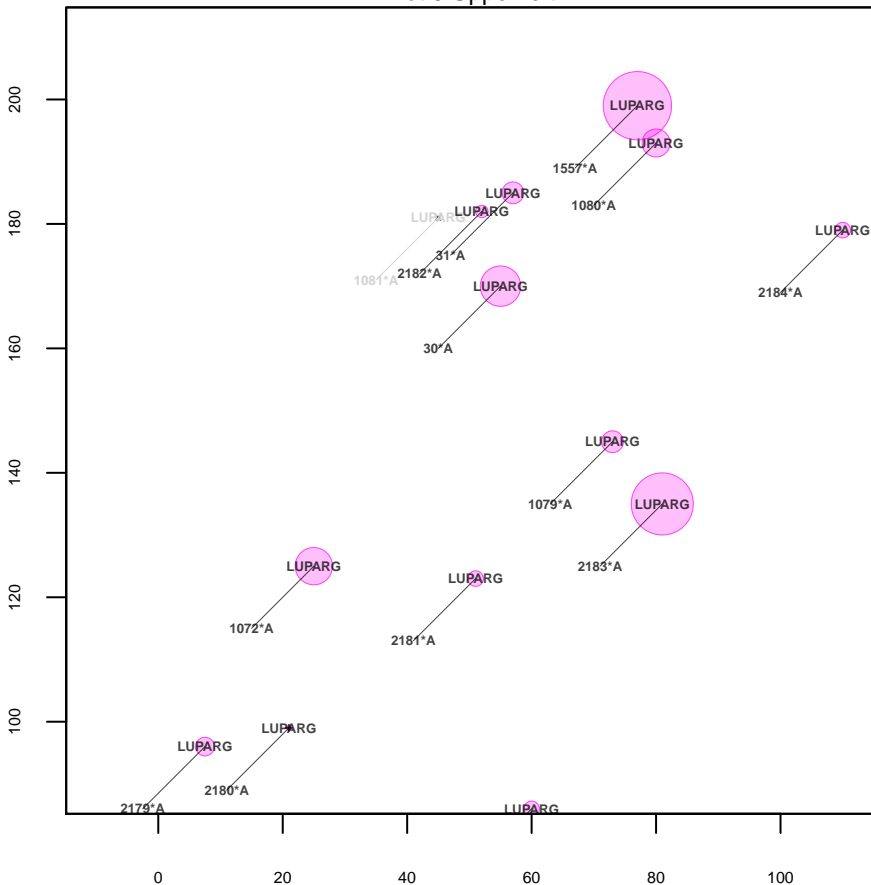
Plot 5 Lower left



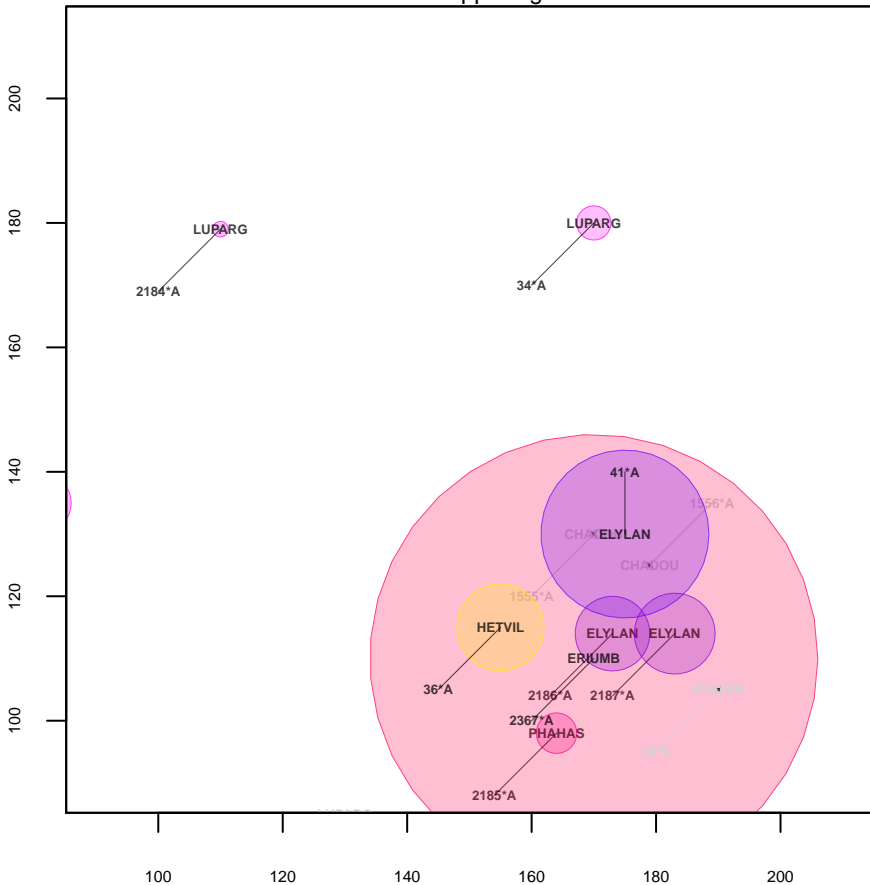
Plot 5 Lower right



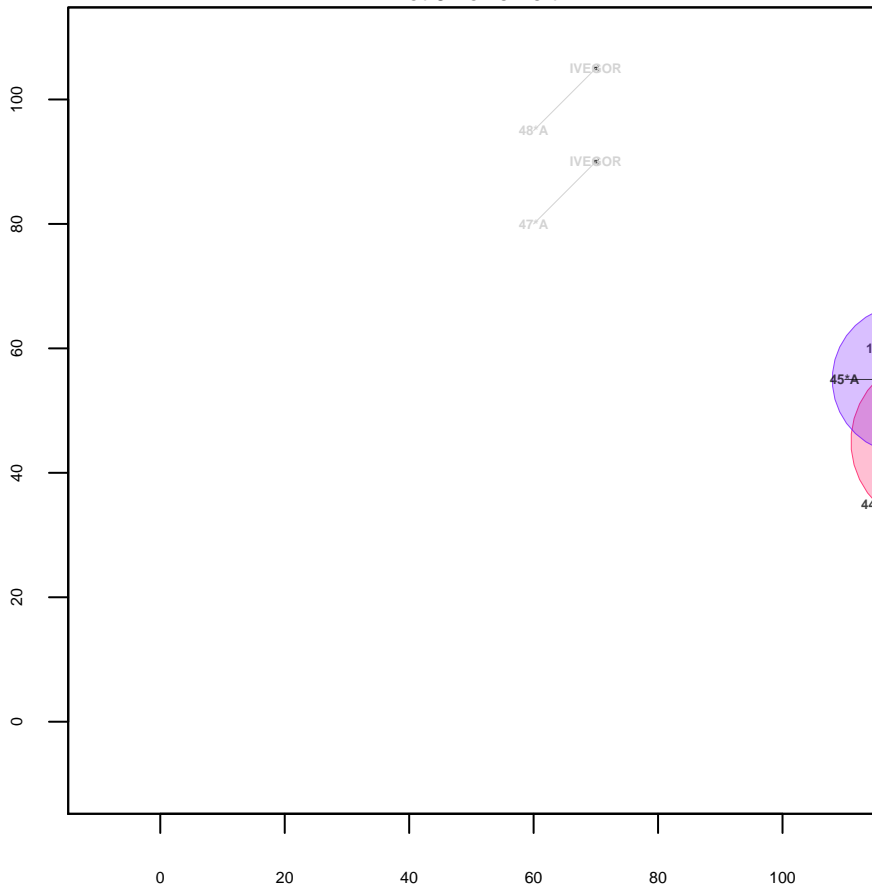
Plot 5 Upper left



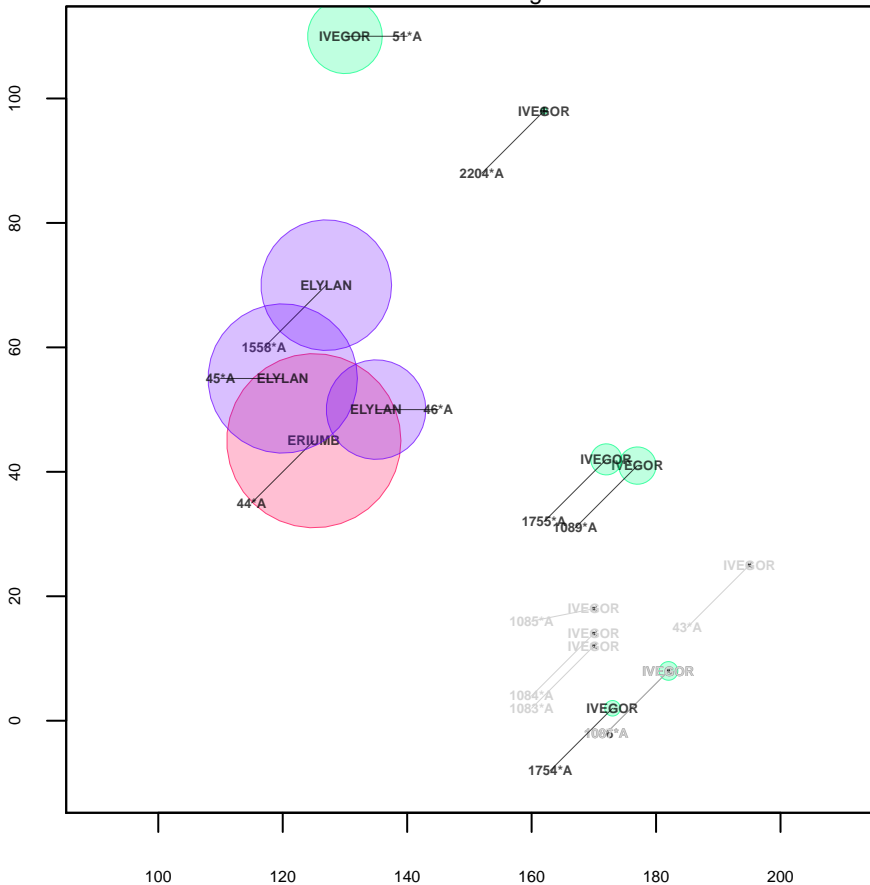
Plot 5 Upper right



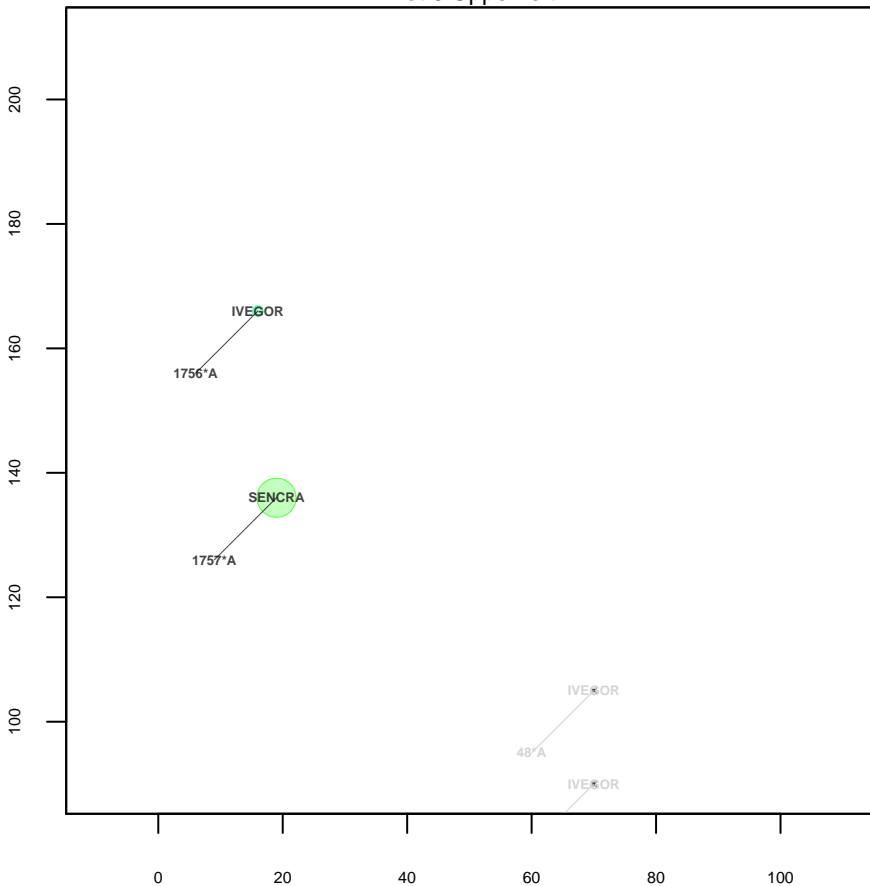
Plot 6 Lower left



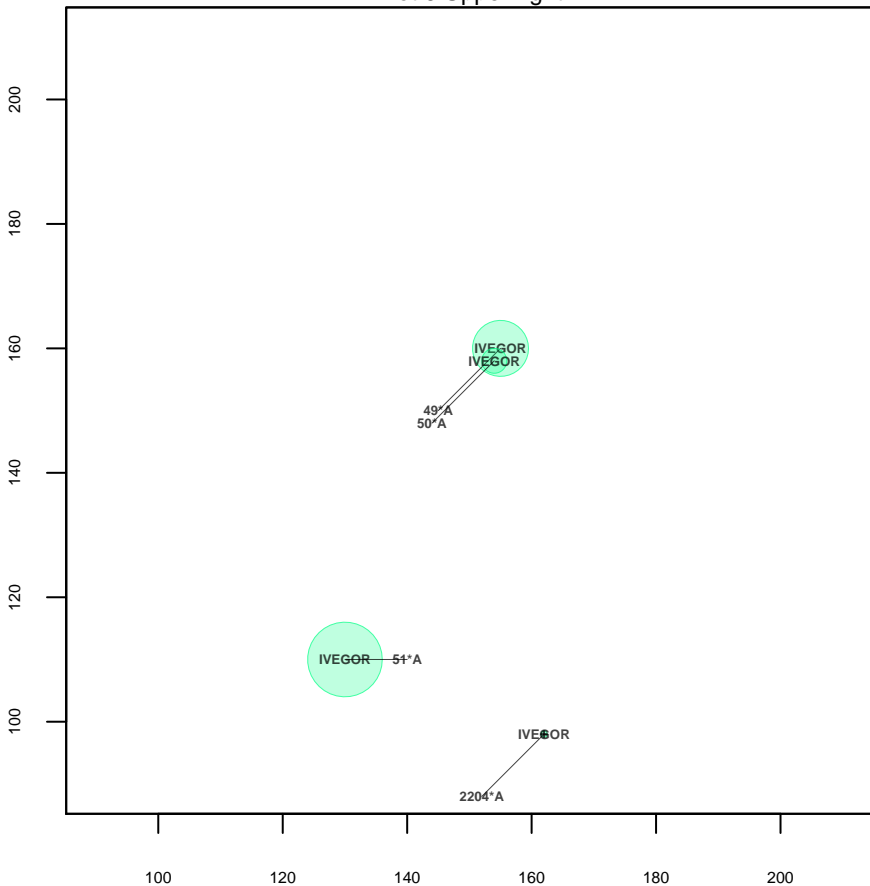
Plot 6 Lower right



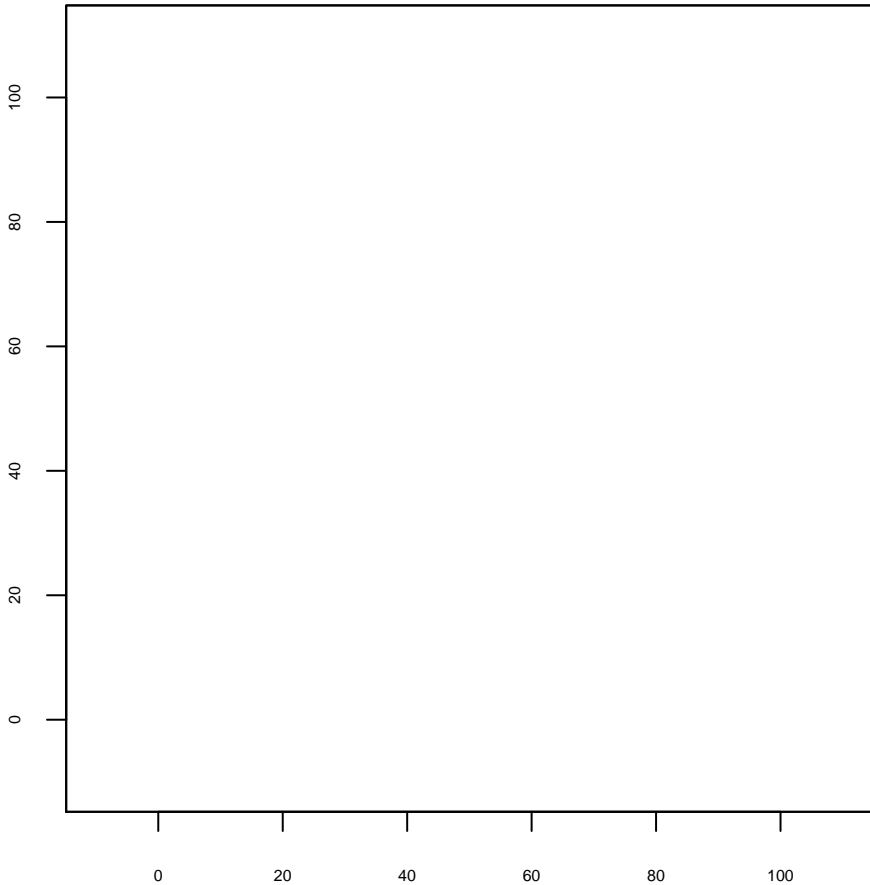
Plot 6 Upper left



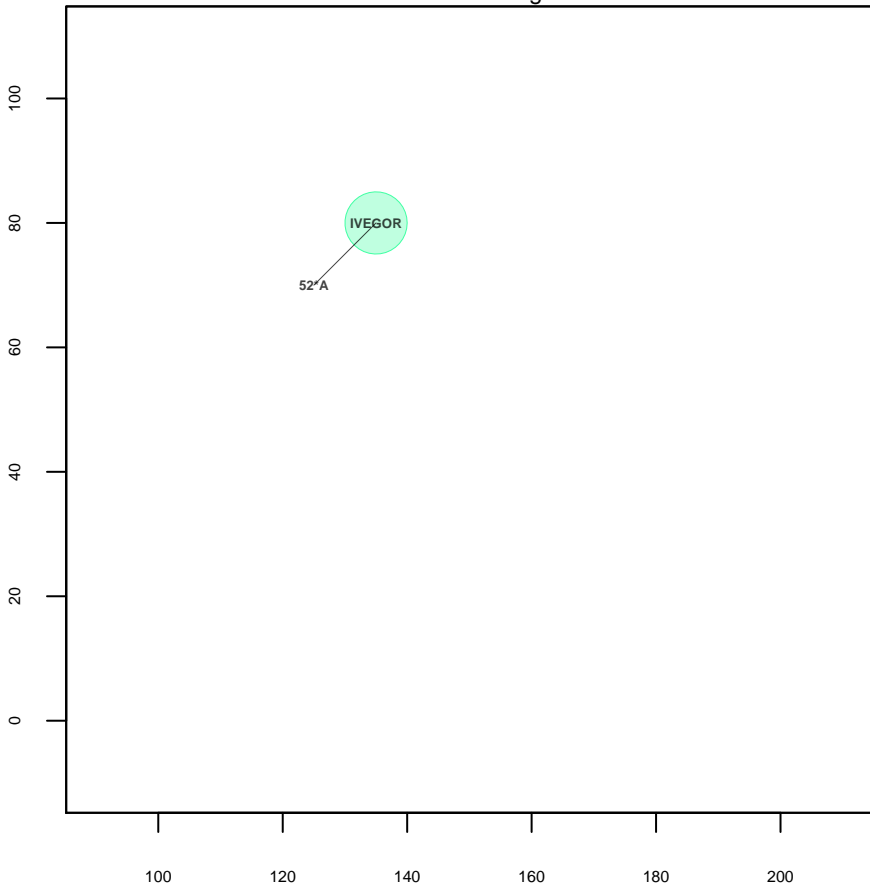
Plot 6 Upper right



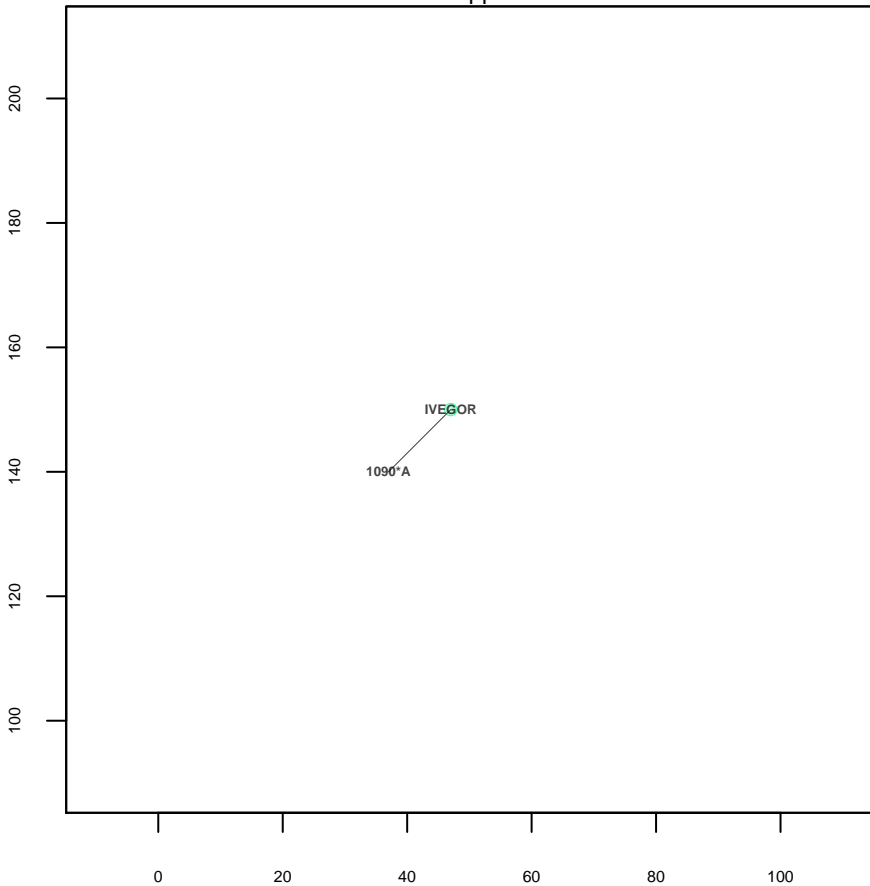
Plot 7 Lower left



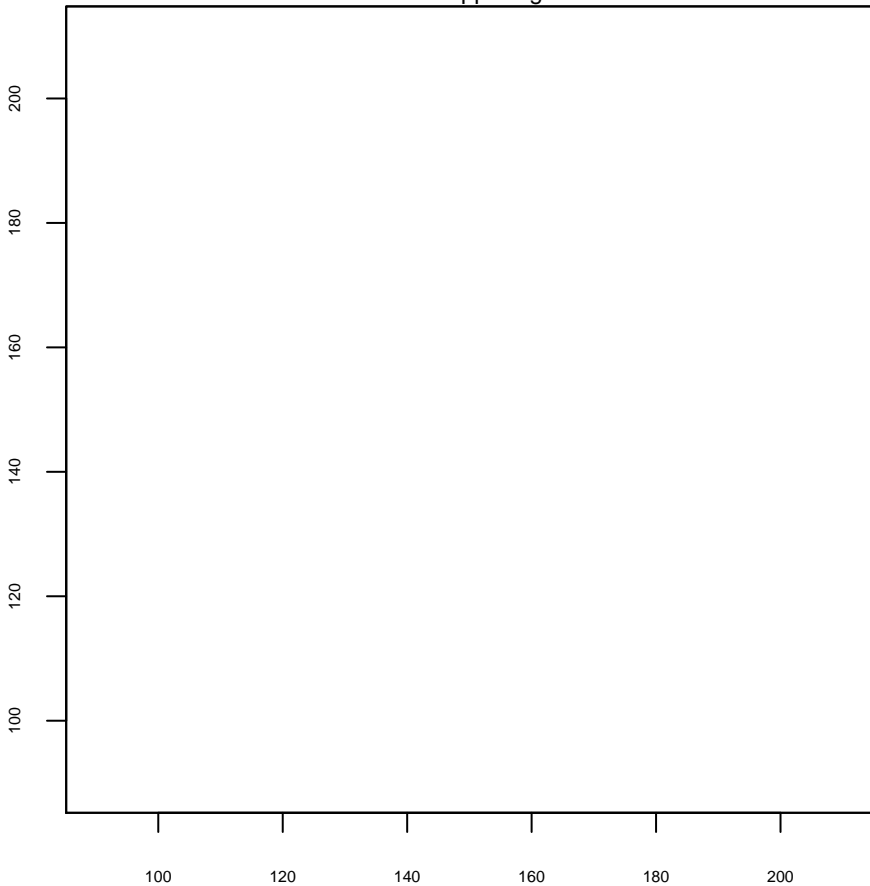
Plot 7 Lower right



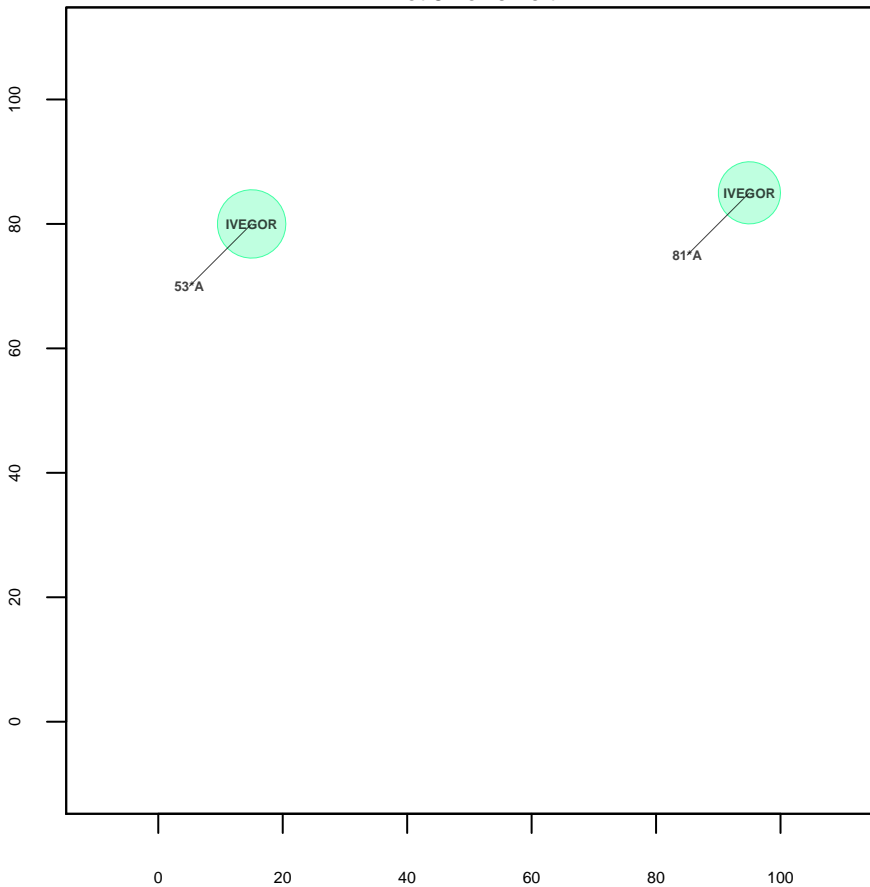
Plot 7 Upper left



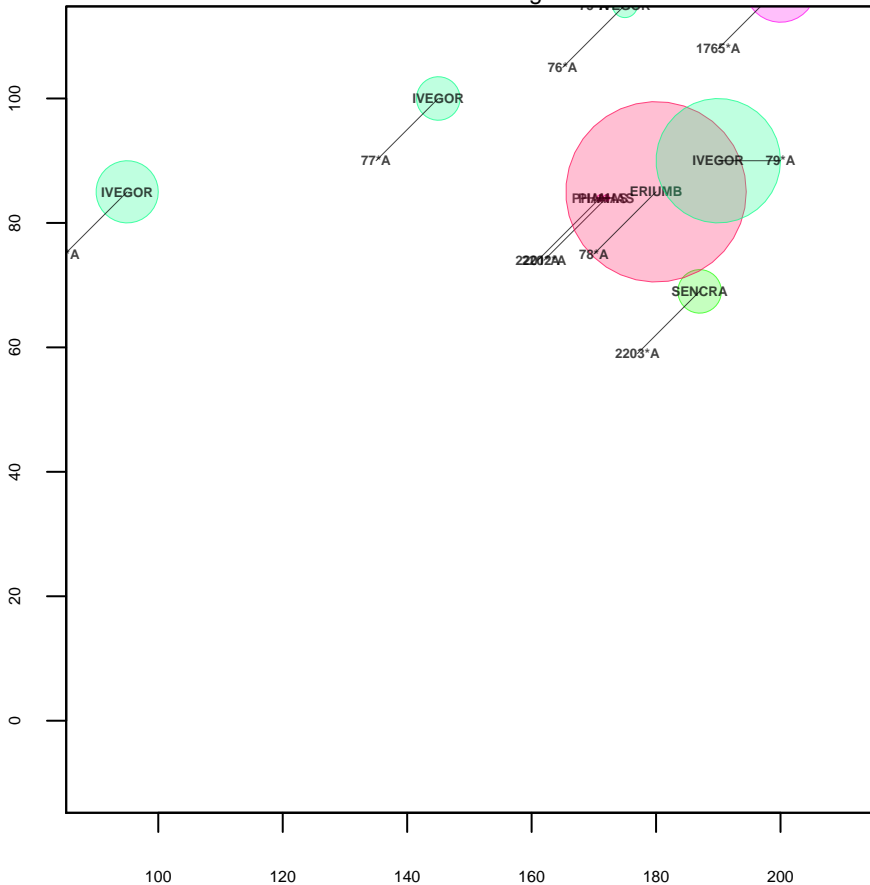
Plot 7 Upper right



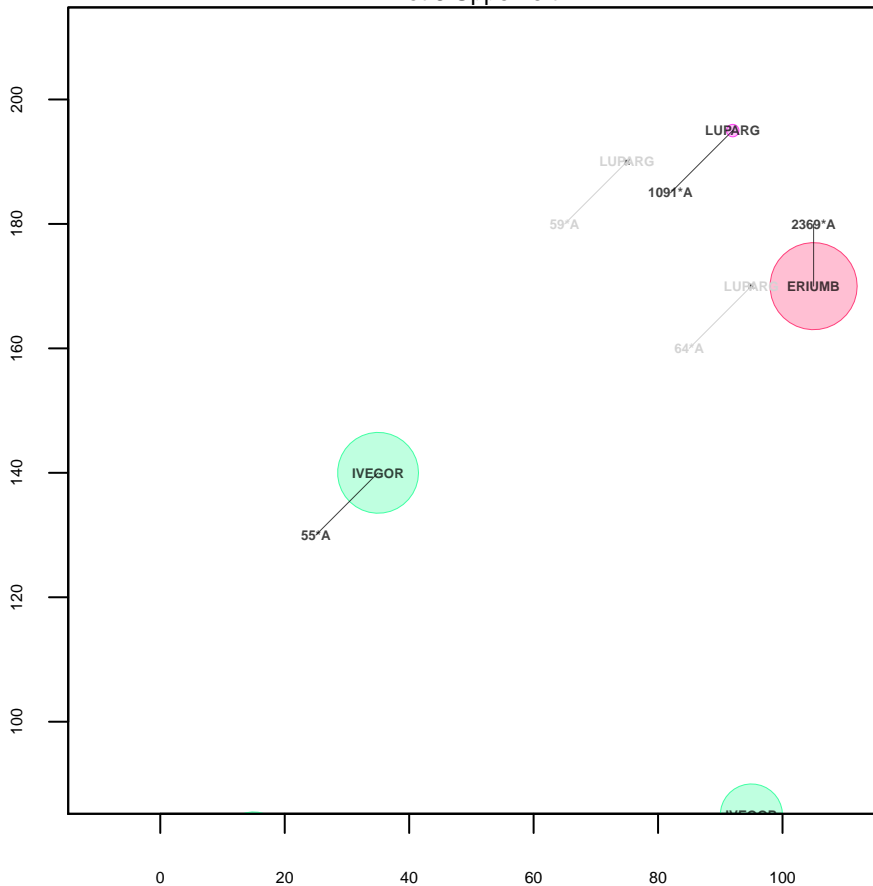
Plot 8 Lower left



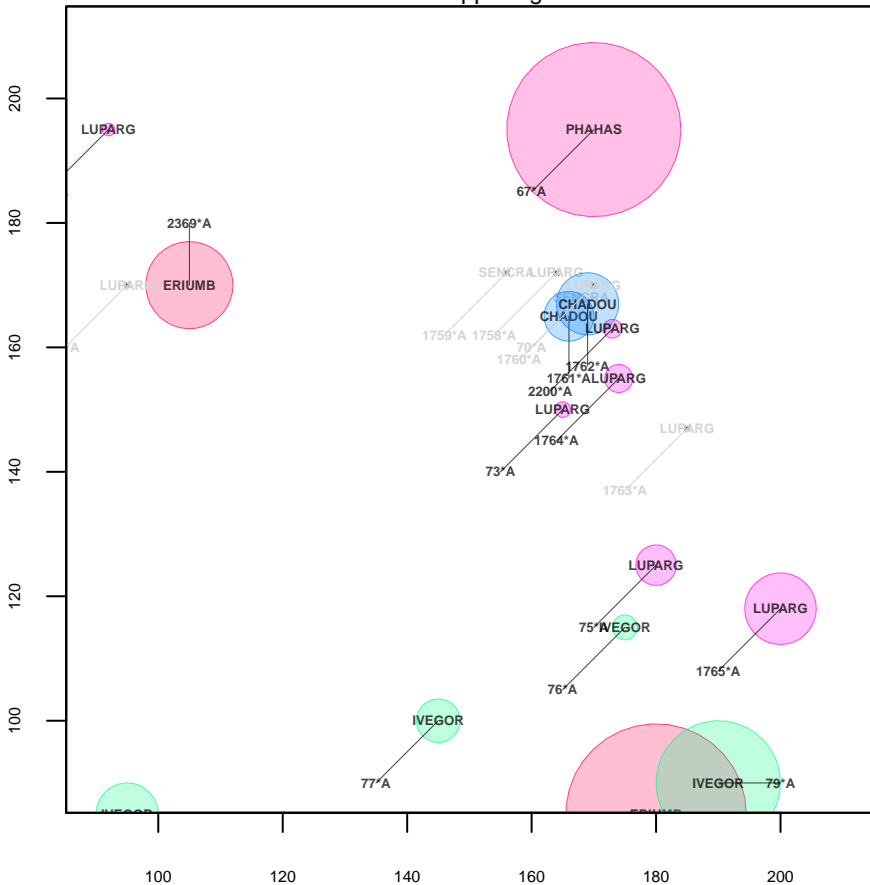
Plot 8 Lower right



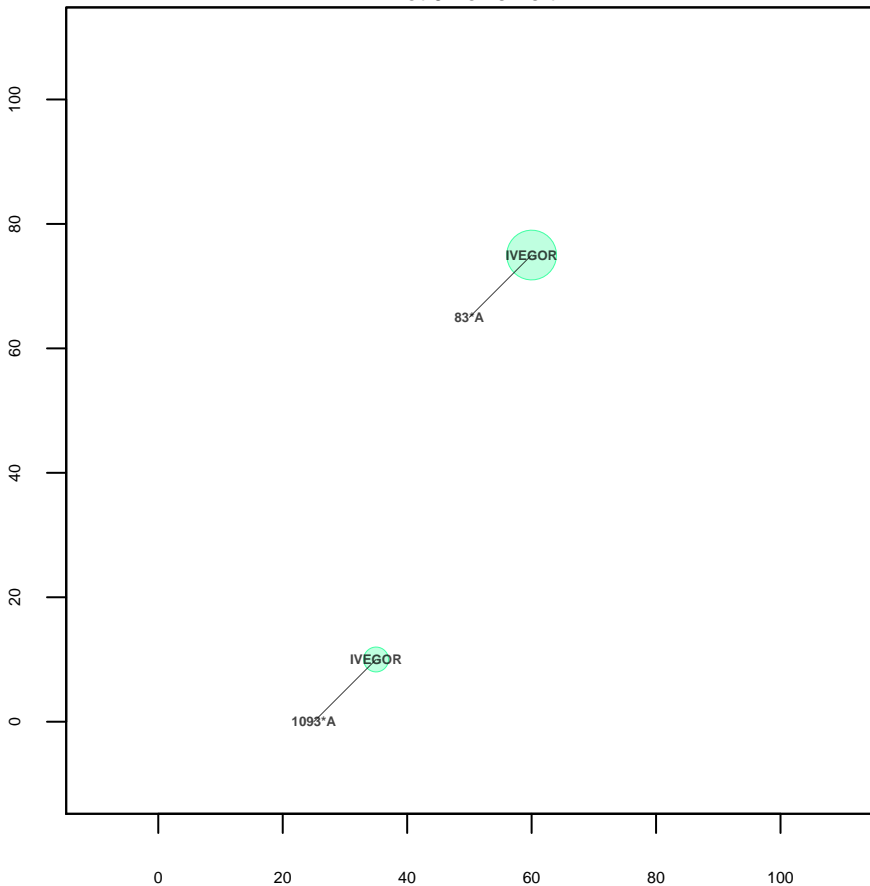
Plot 8 Upper left



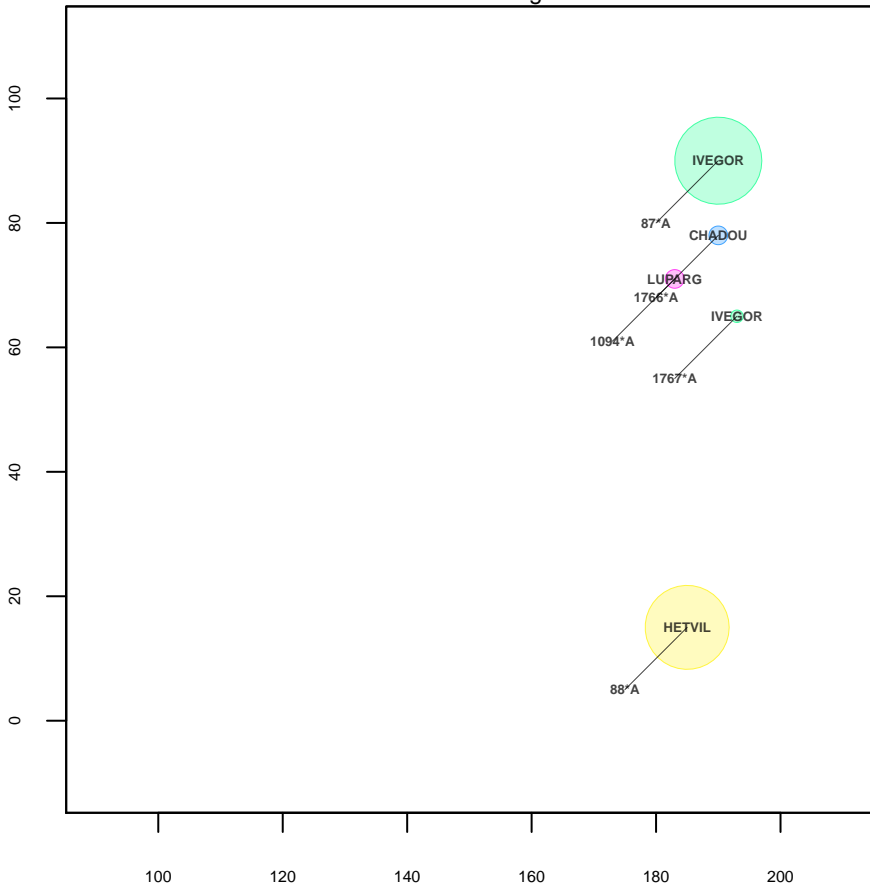
Plot 8 Upper right



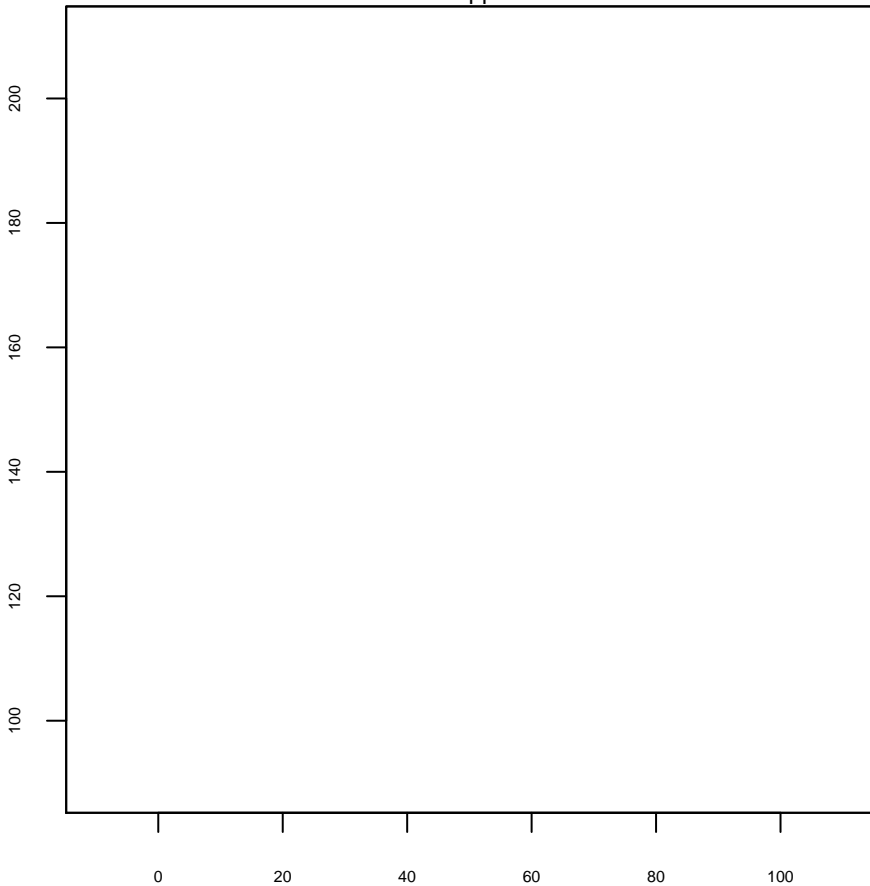
Plot 9 Lower left



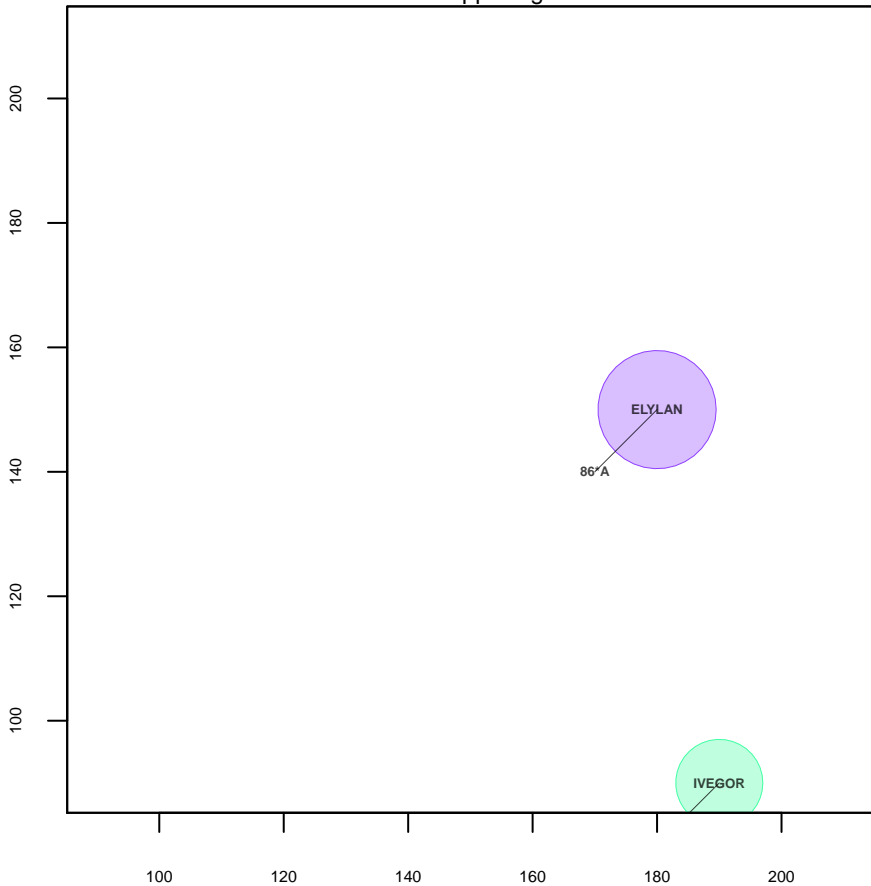
Plot 9 Lower right

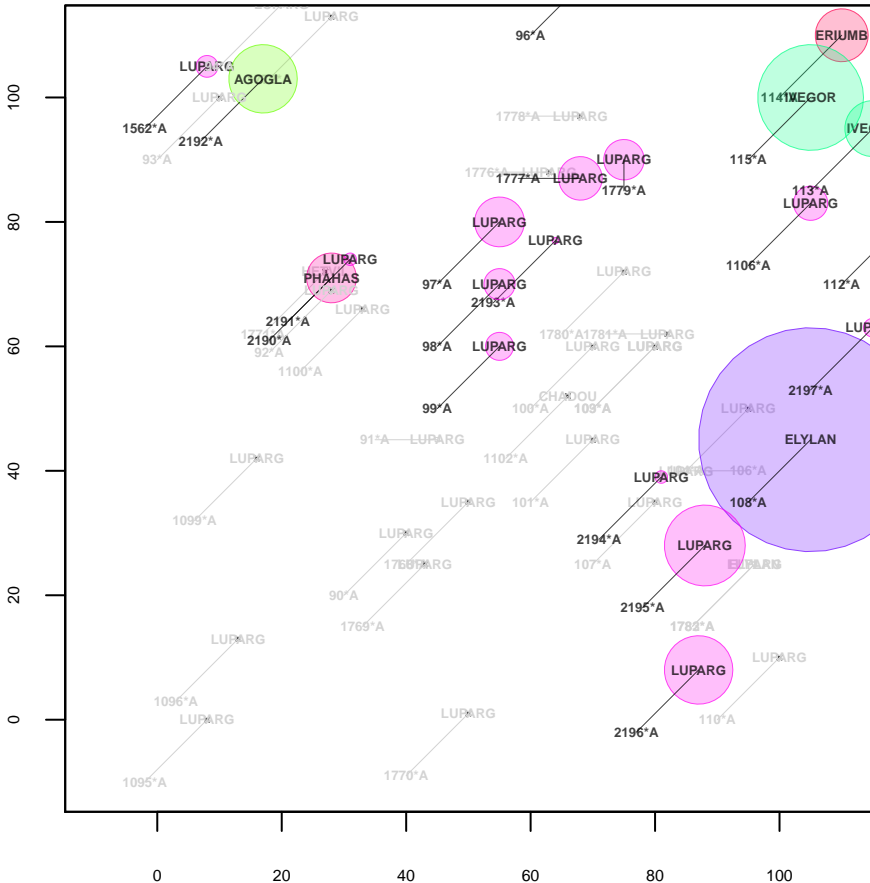


Plot 9 Upper left



Plot 9 Upper right





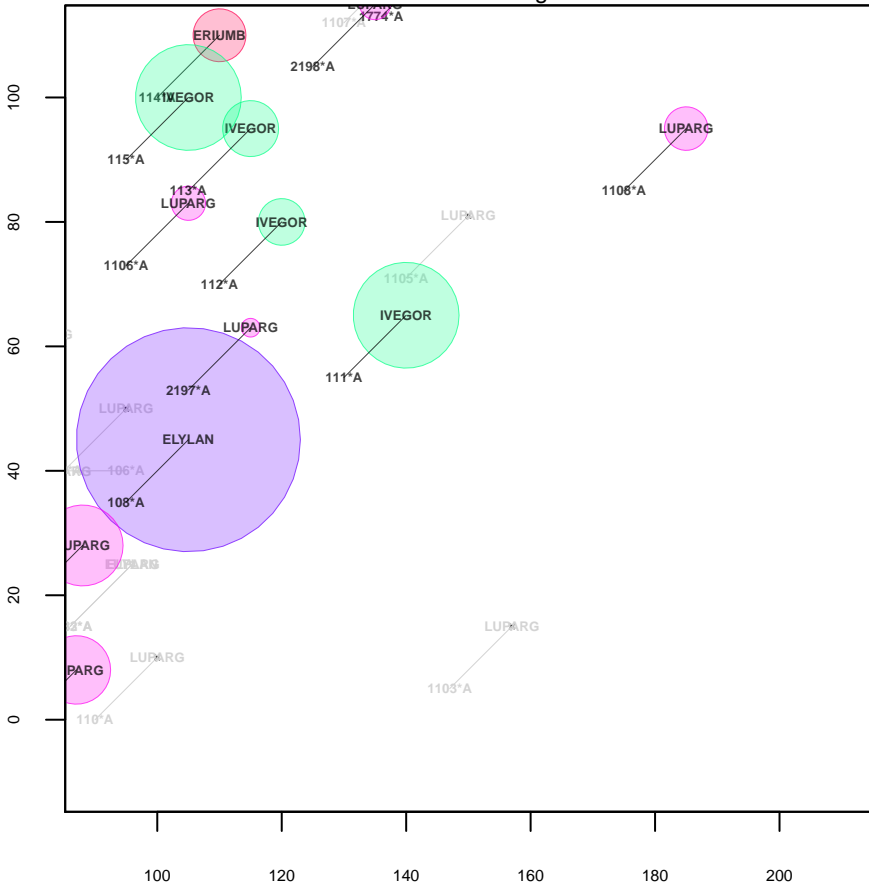
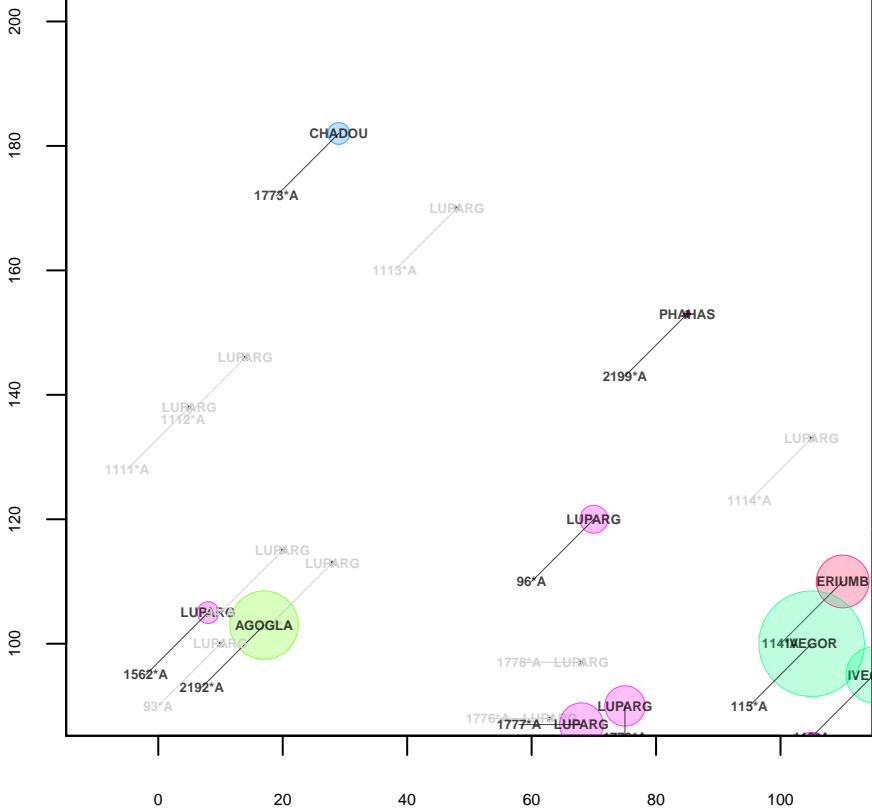
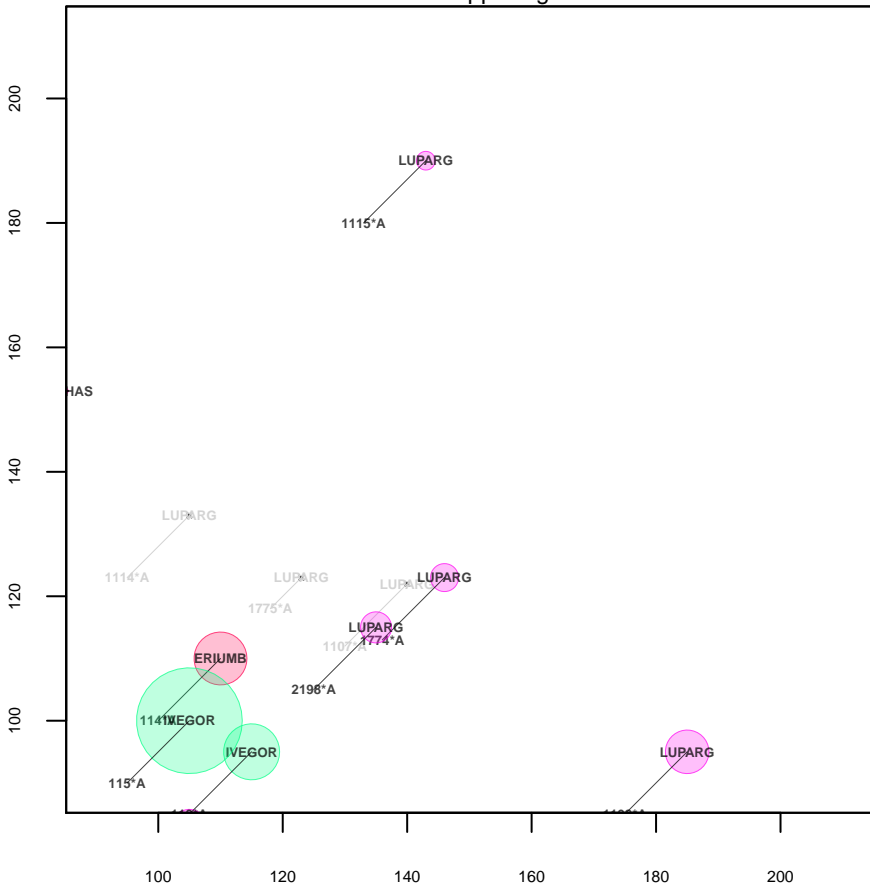


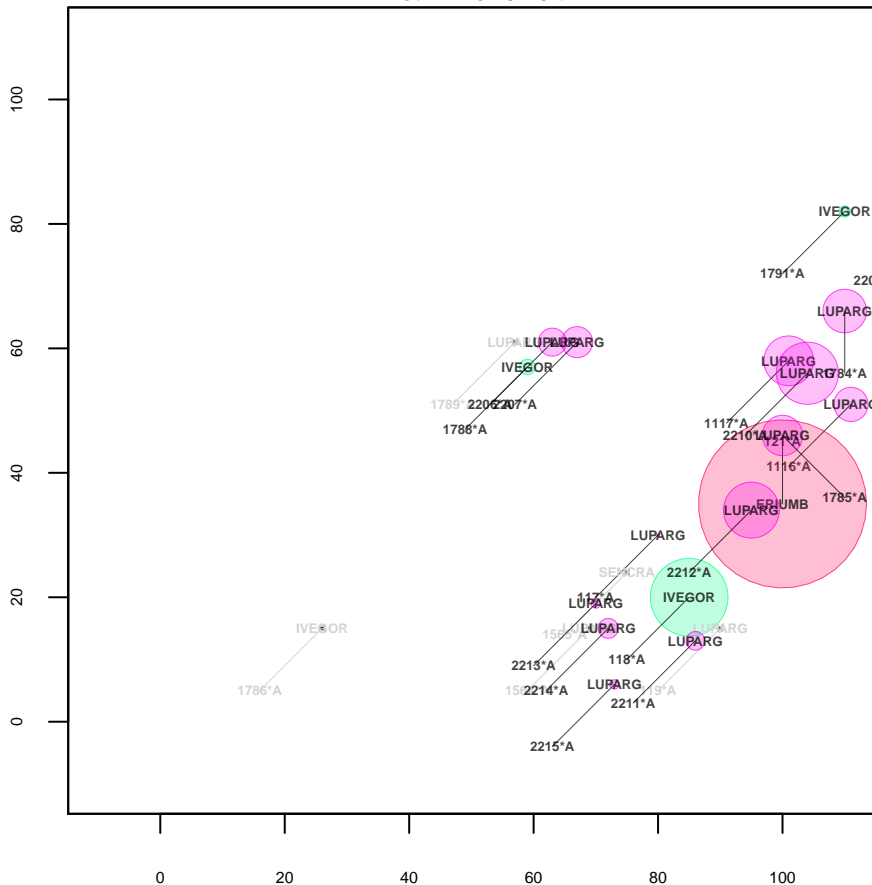
Figure 1 is a scatter plot showing the distribution of 100 simulated galaxies in the (X, Y) plane. The X-axis ranges from 0 to 100, and the Y-axis ranges from 0 to 100. Galaxies are represented by circles of varying sizes and colors (blue, green, pink, red). Lines connect galaxies to their nearest neighbors, with labels indicating the distance in parsecs (A). Key galaxies include CHADOU (blue), AGOGLA (green), and ERIJUMB (red). The plot illustrates the spatial distribution and relative positions of these simulated galaxies.



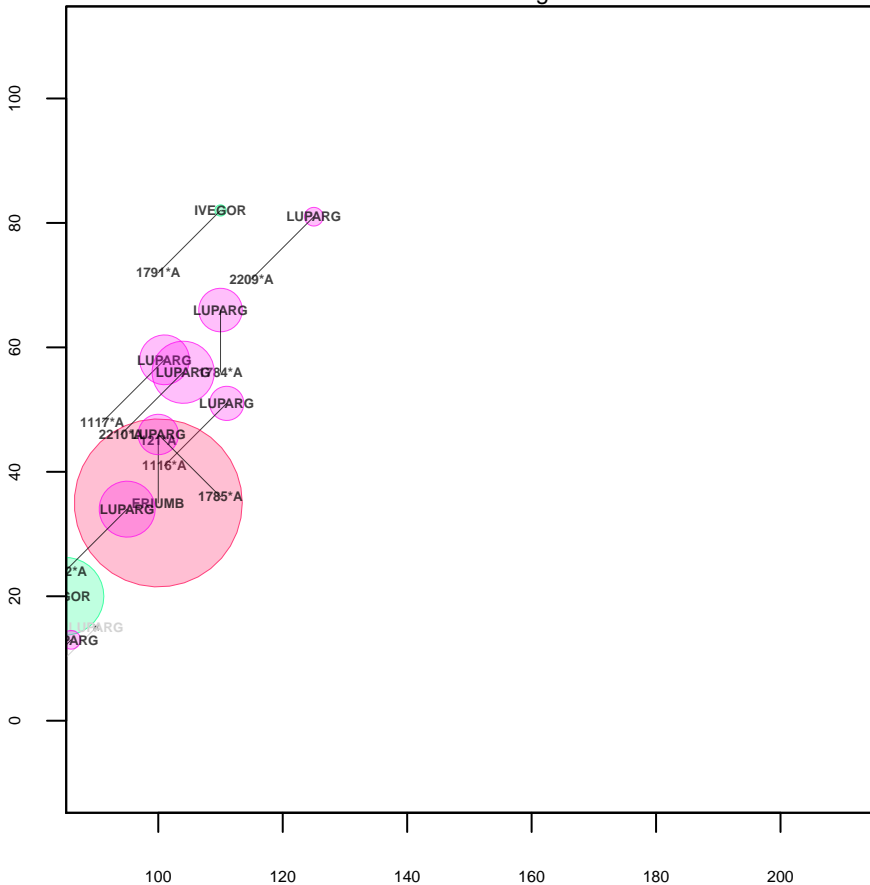
Plot 10 Upper right



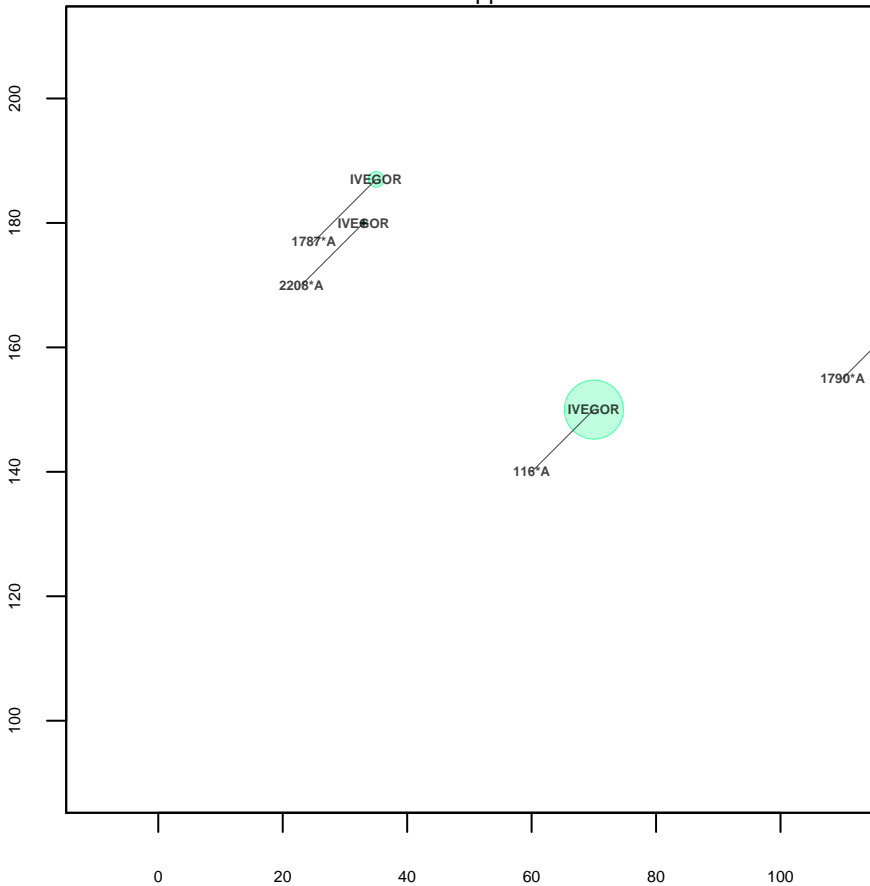
Plot 11 Lower left



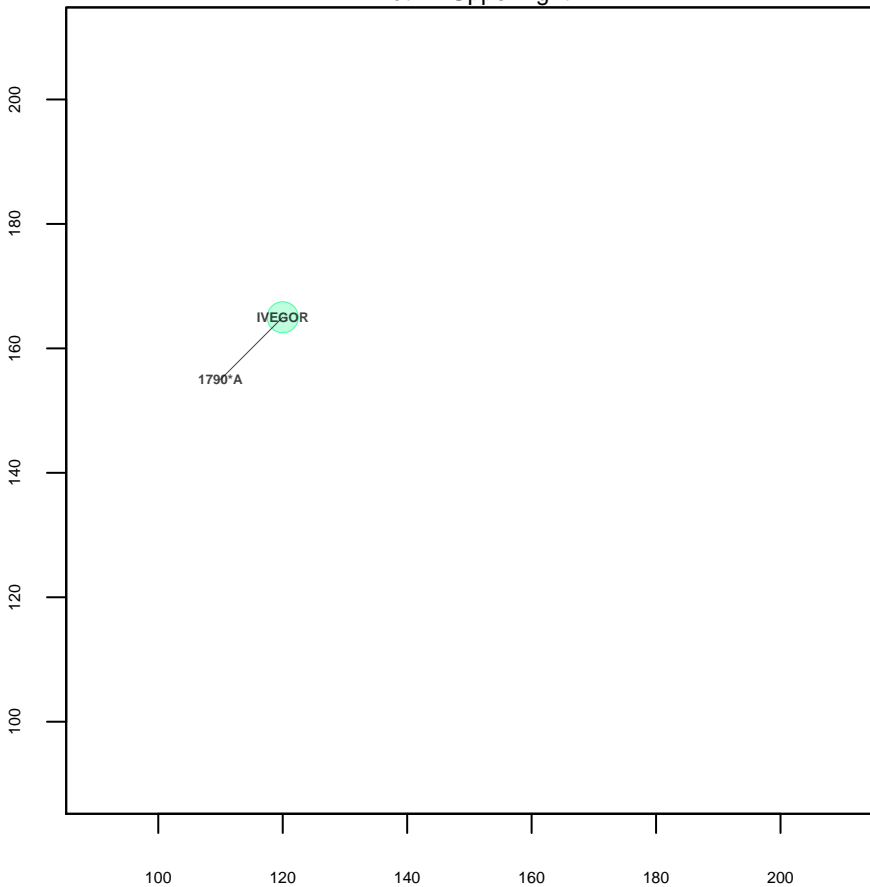
Plot 11 Lower right



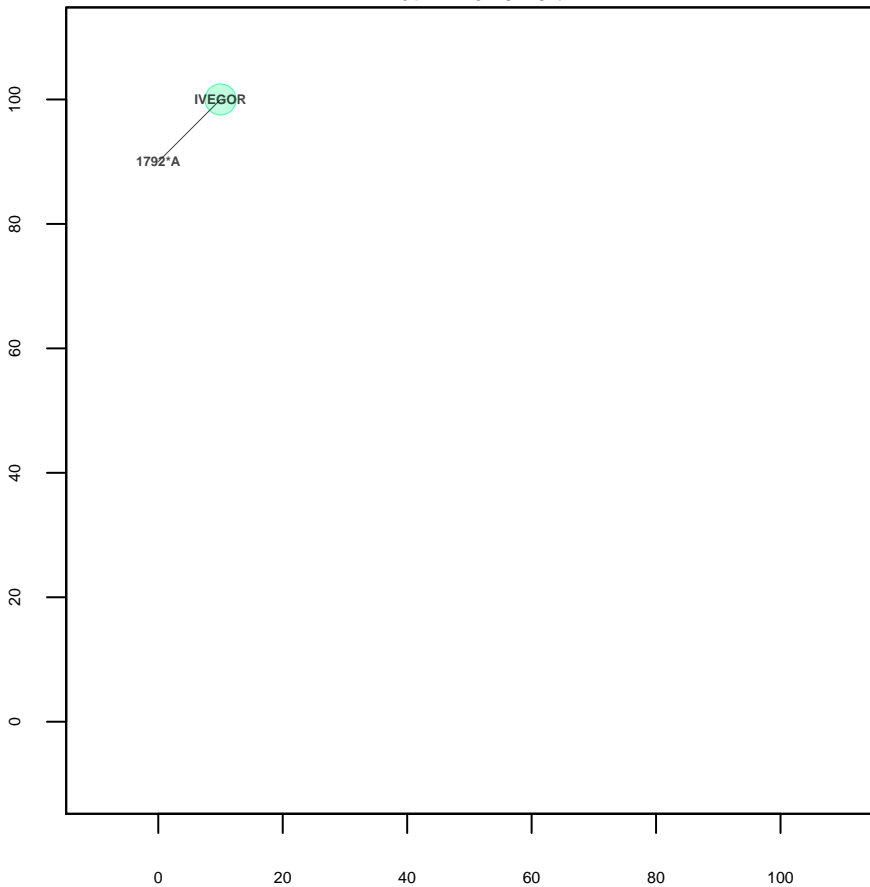
Plot 11 Upper left



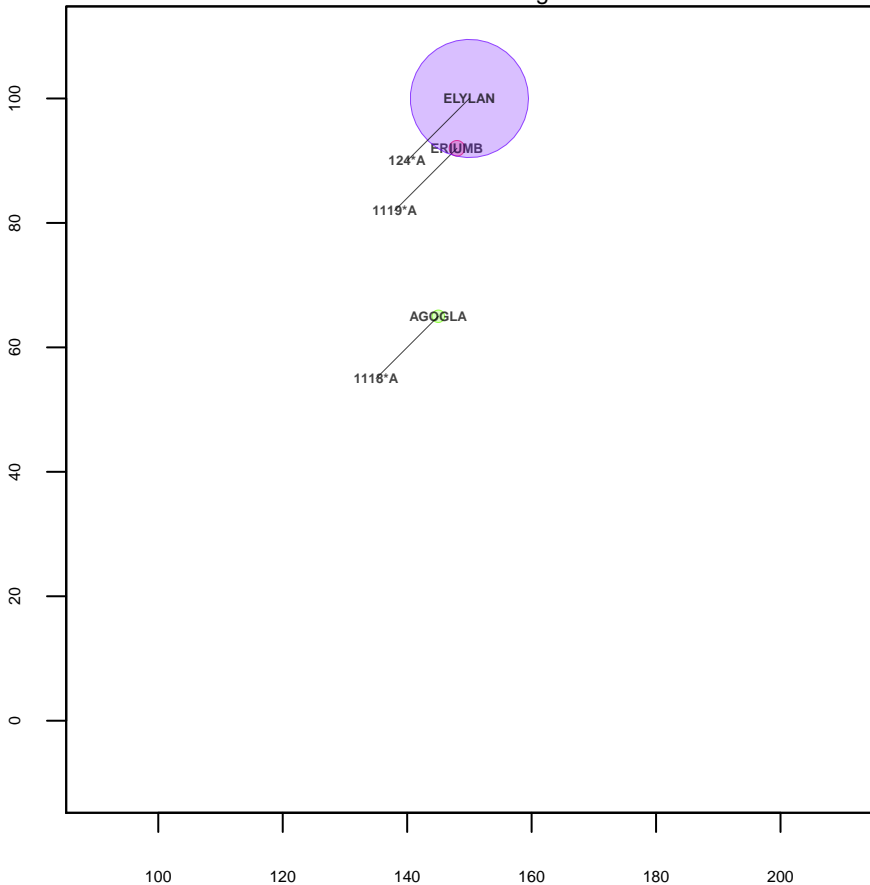
Plot 11 Upper right



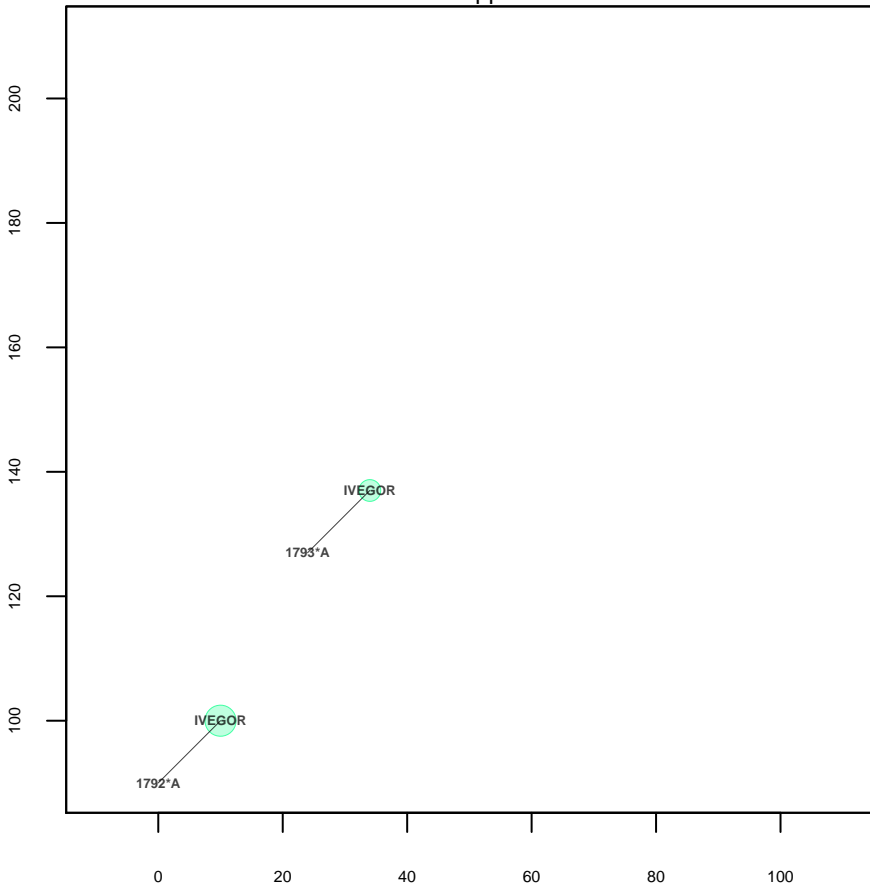
Plot 12 Lower left



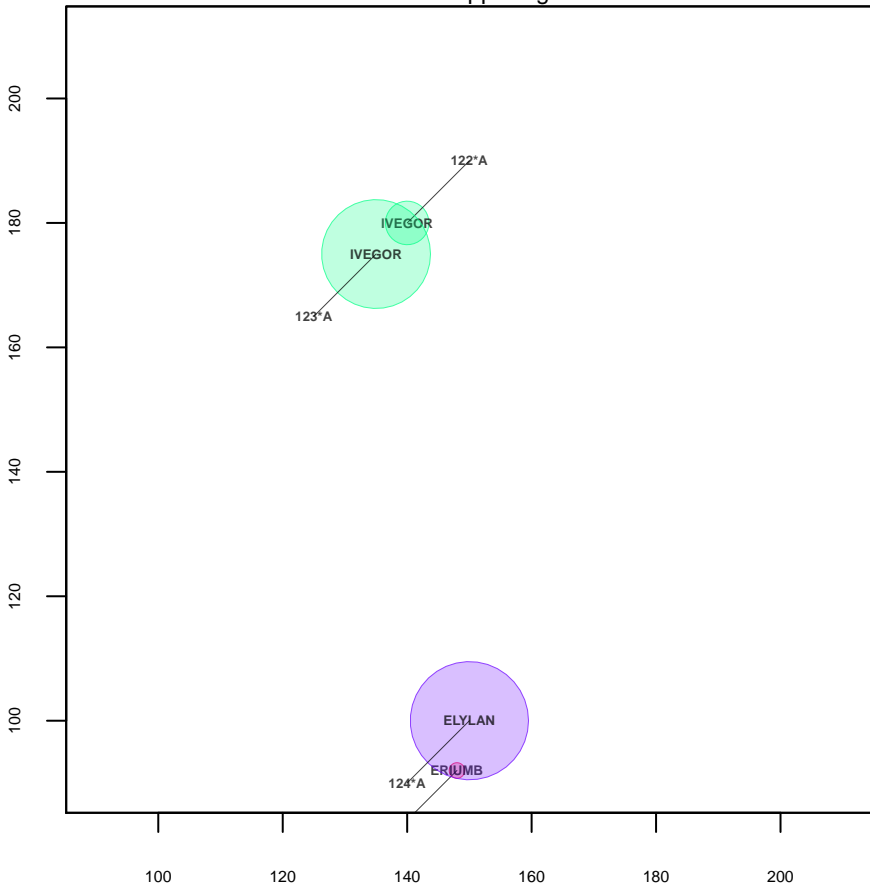
Plot 12 Lower right



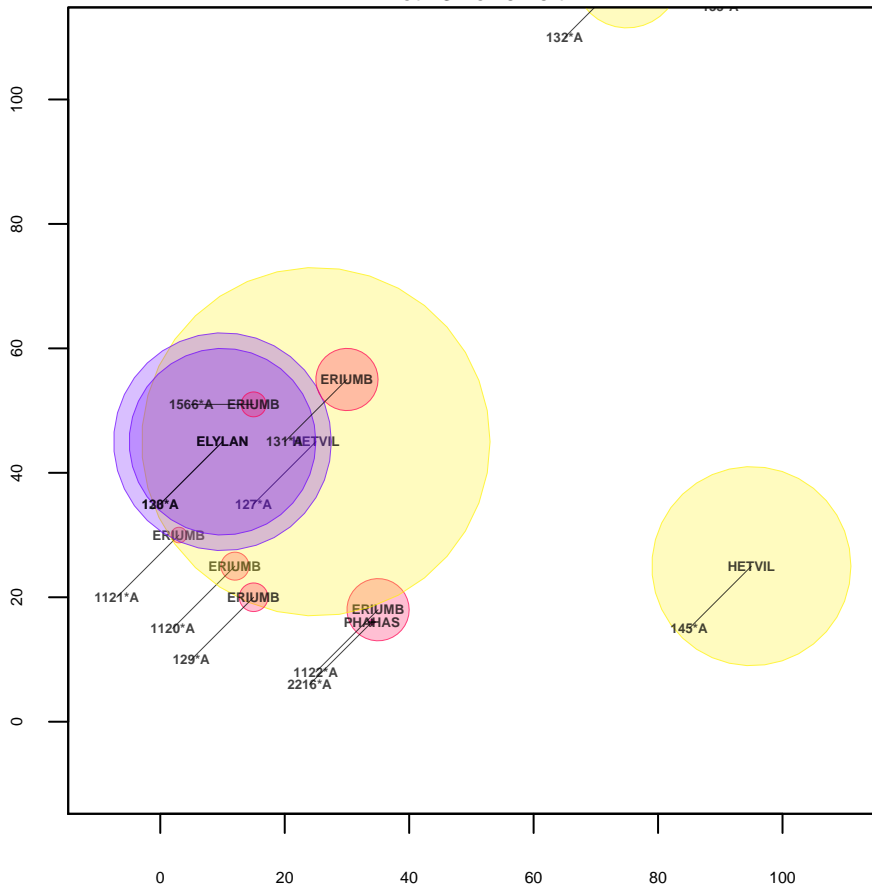
Plot 12 Upper left



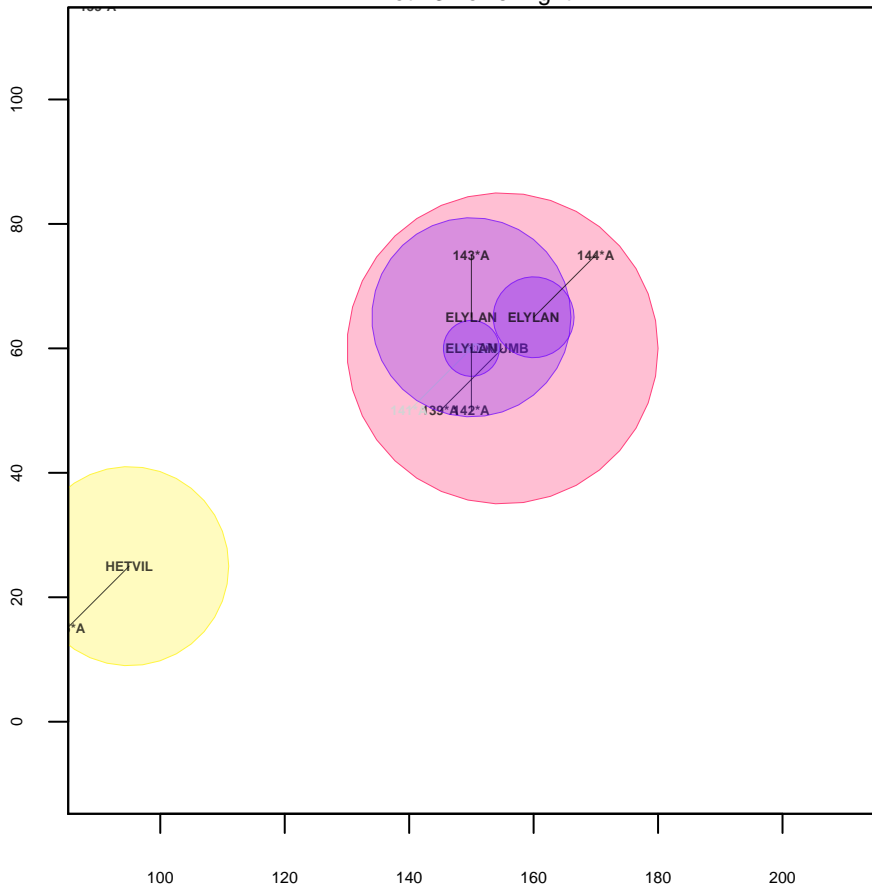
Plot 12 Upper right



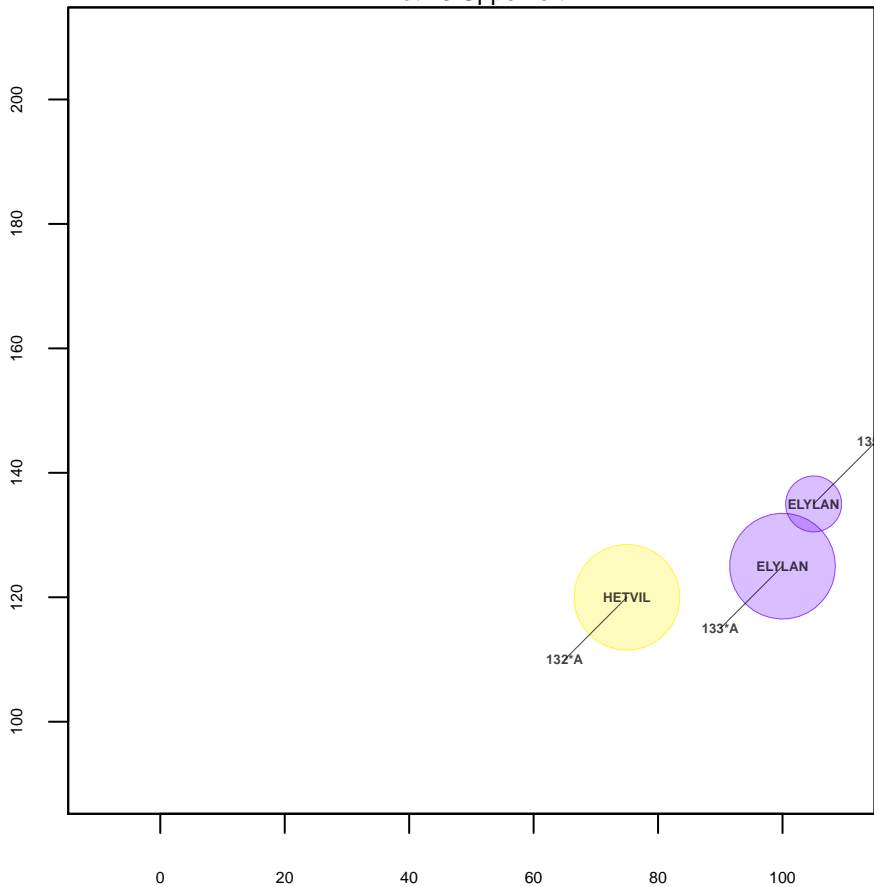
Plot 13 Lower left



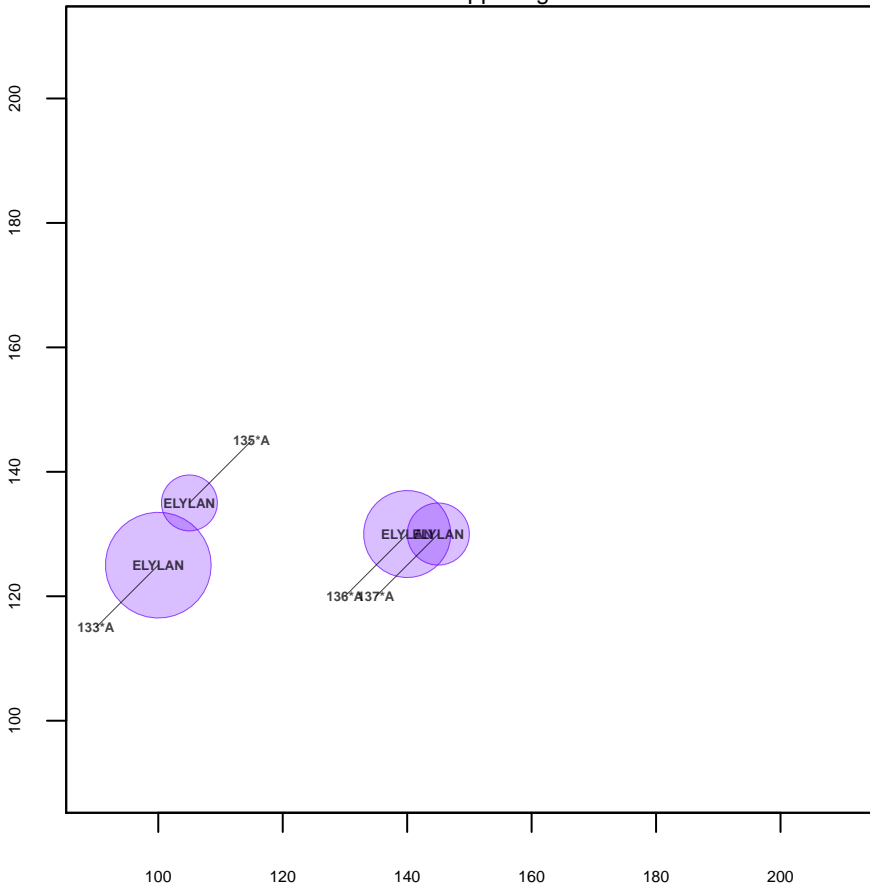
Plot 13 Lower right



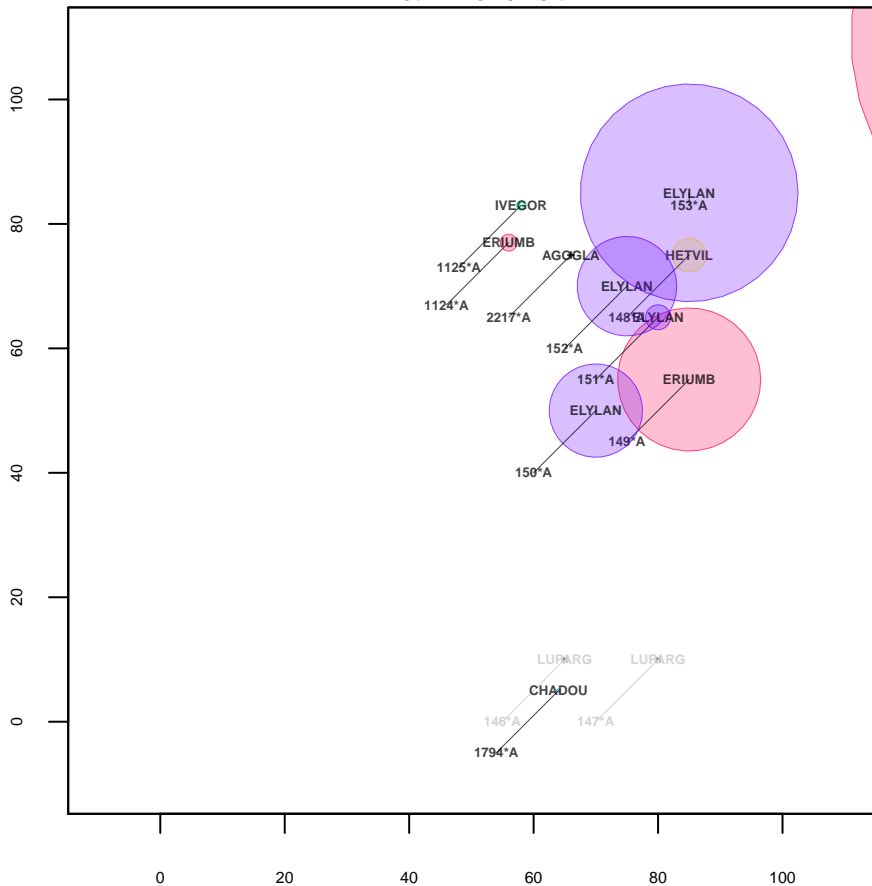
Plot 13 Upper left



Plot 13 Upper right



Plot 14 Lower left

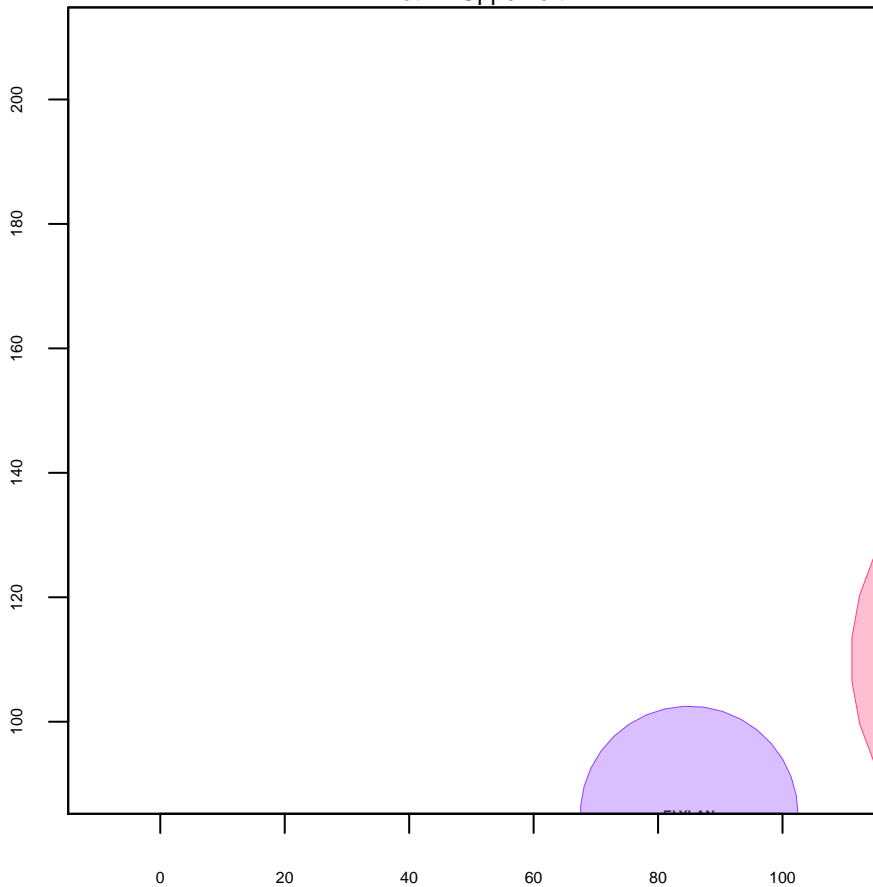


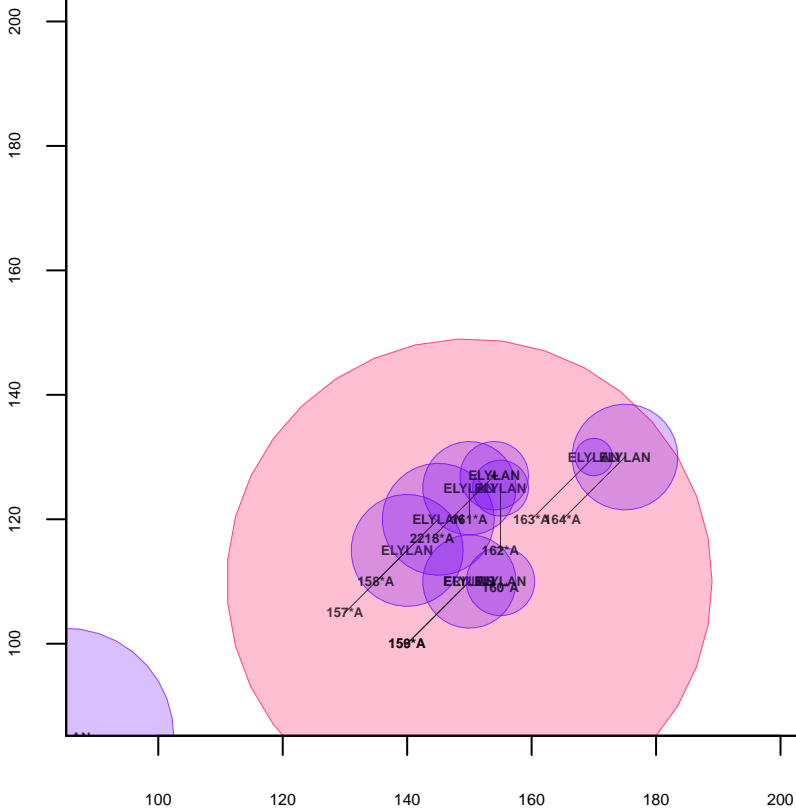
120

160

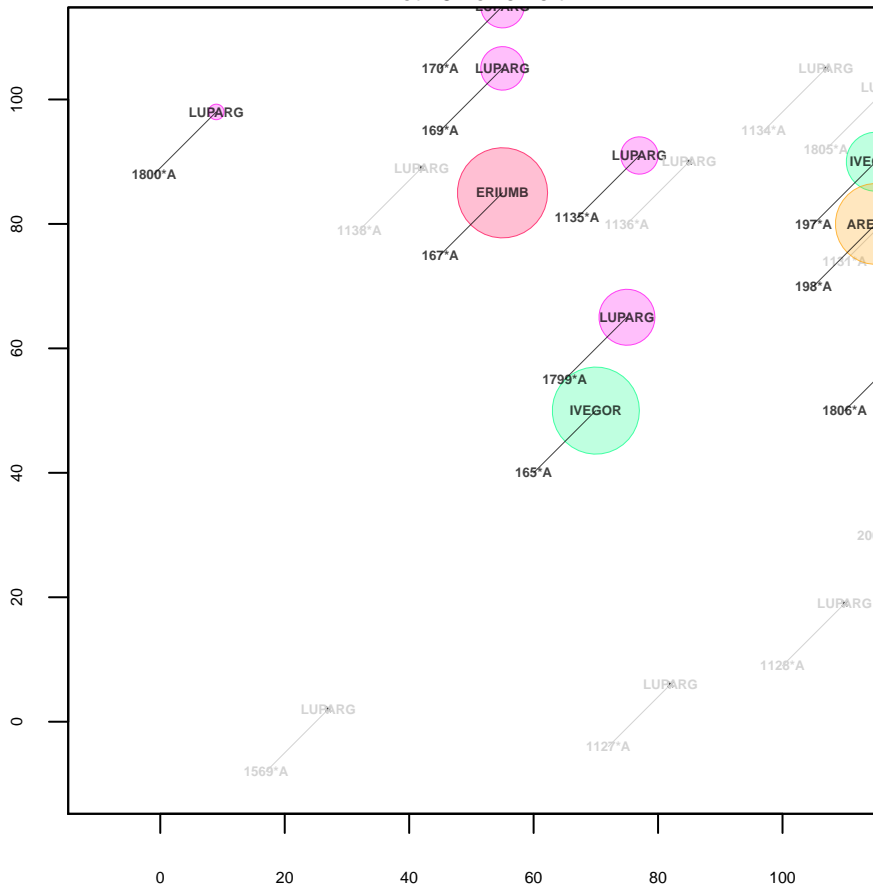
200

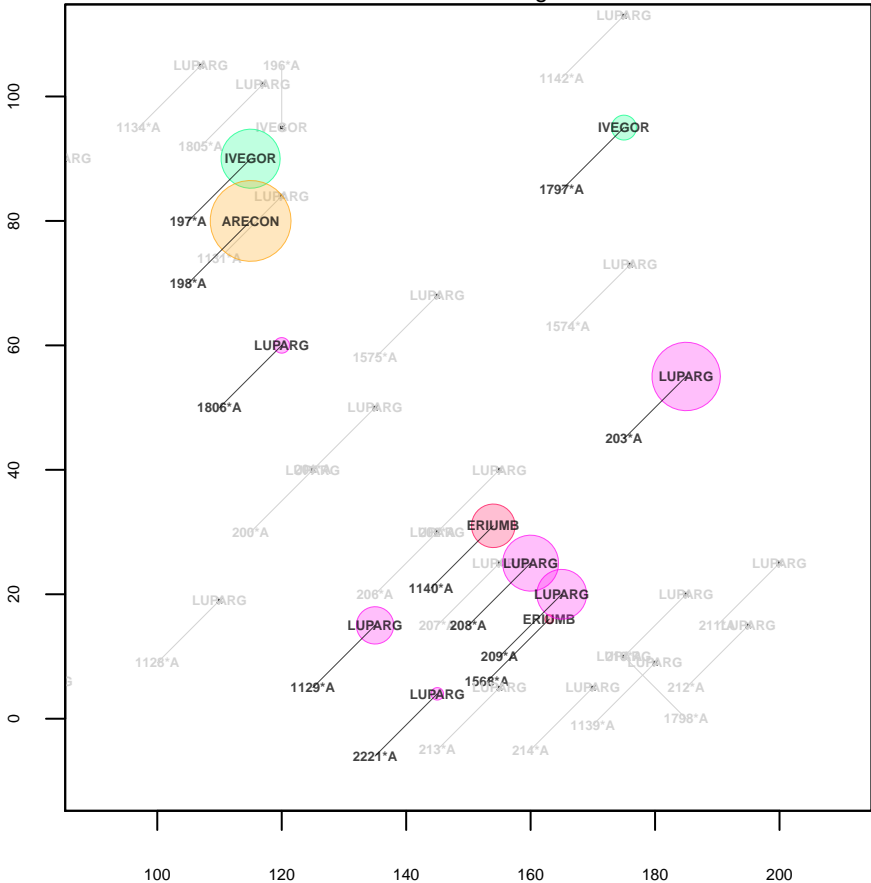
Plot 14 Upper left



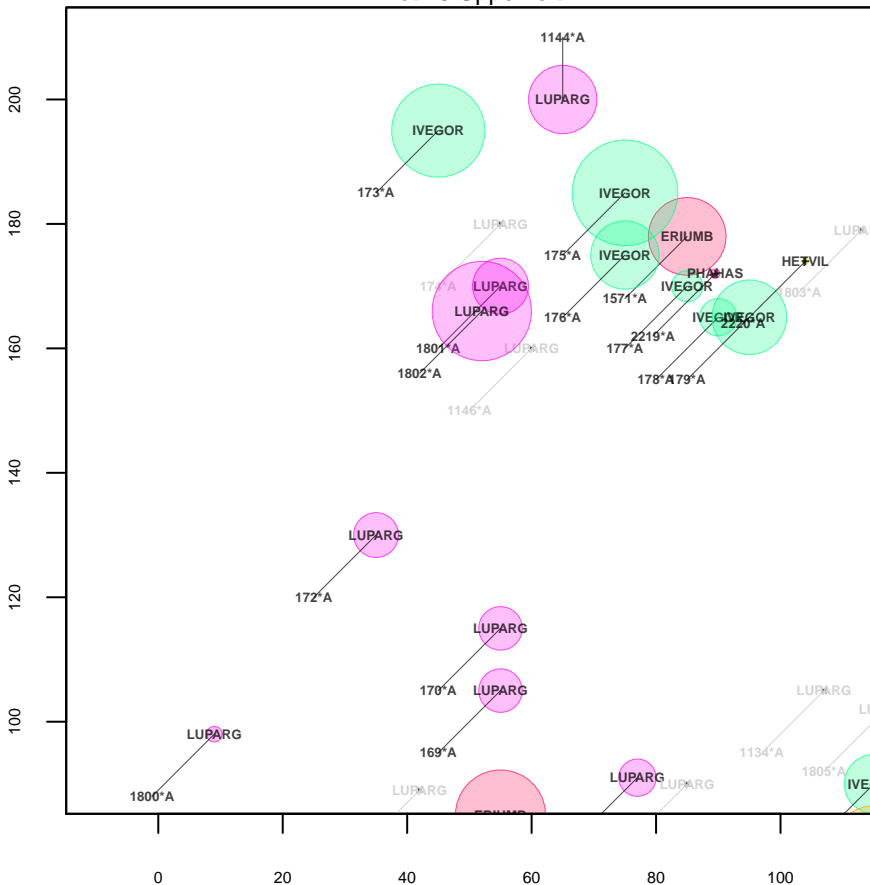


Plot 15 Lower left

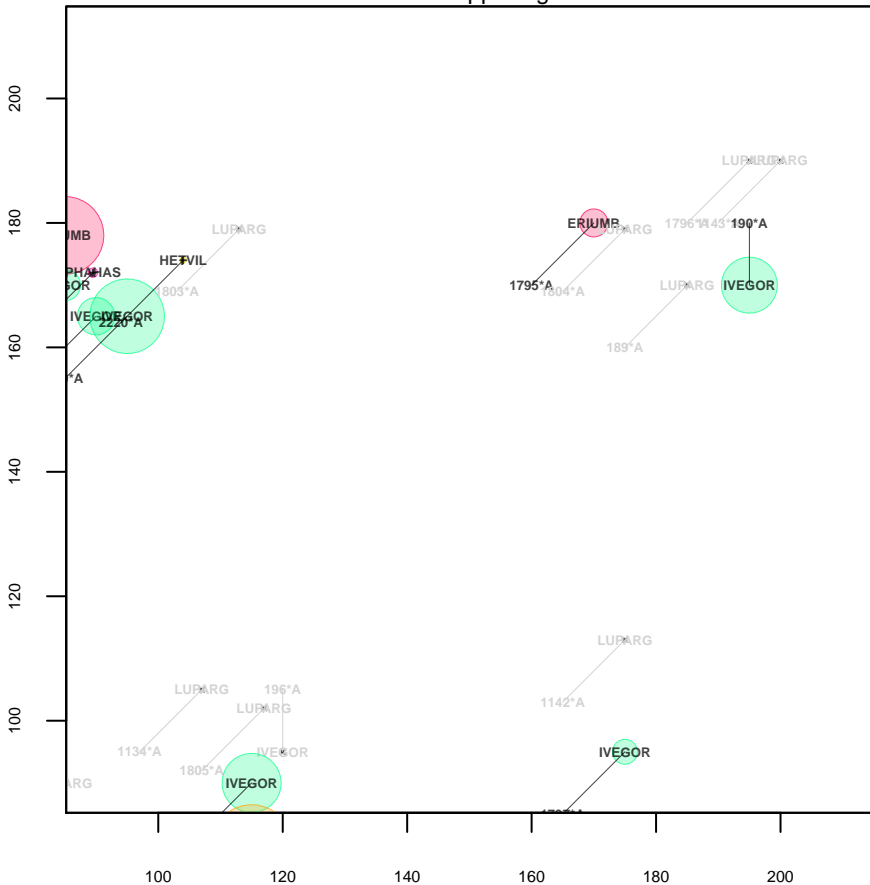


[illegible]

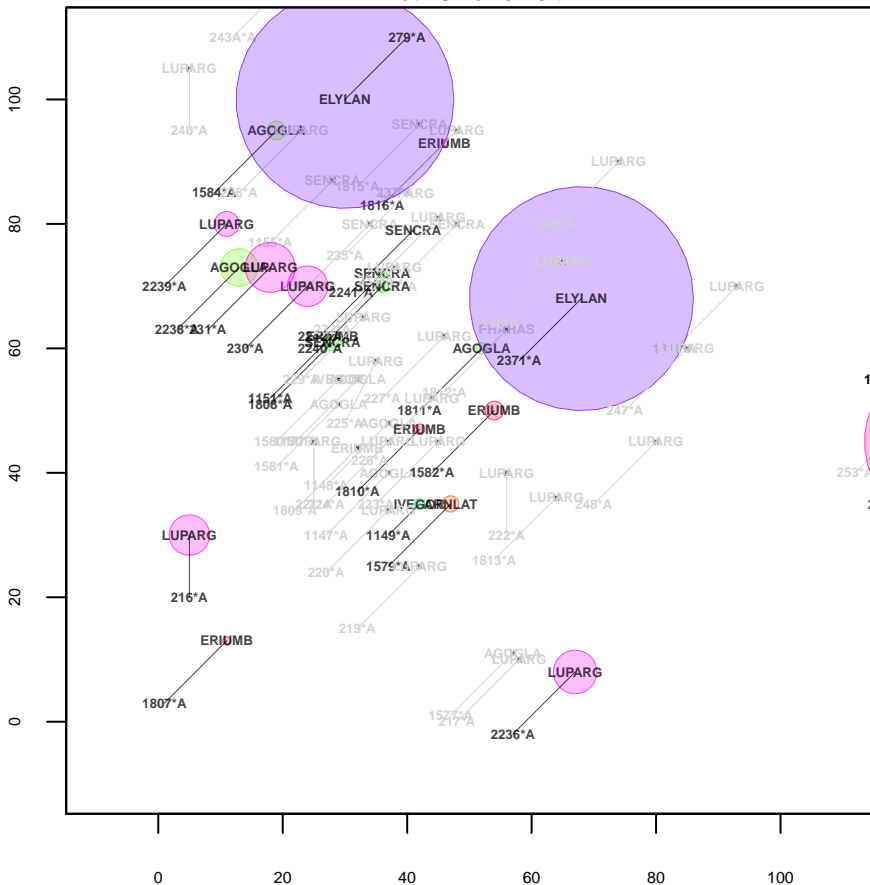
Plot 15 Upper left



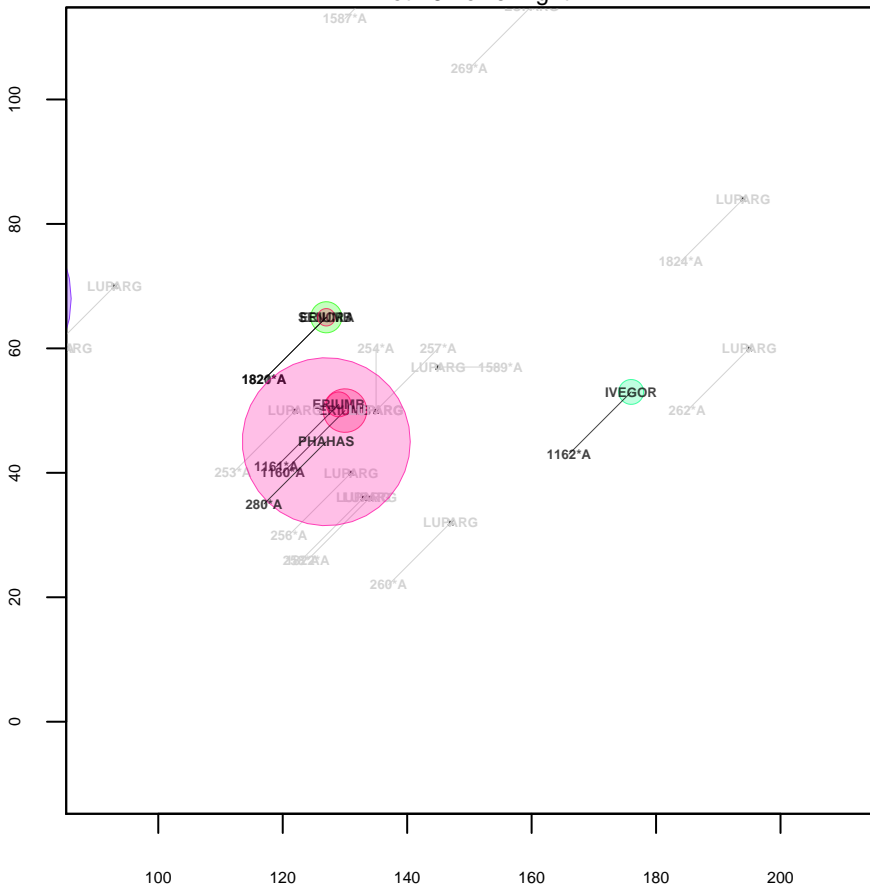
Plot 15 Upper right



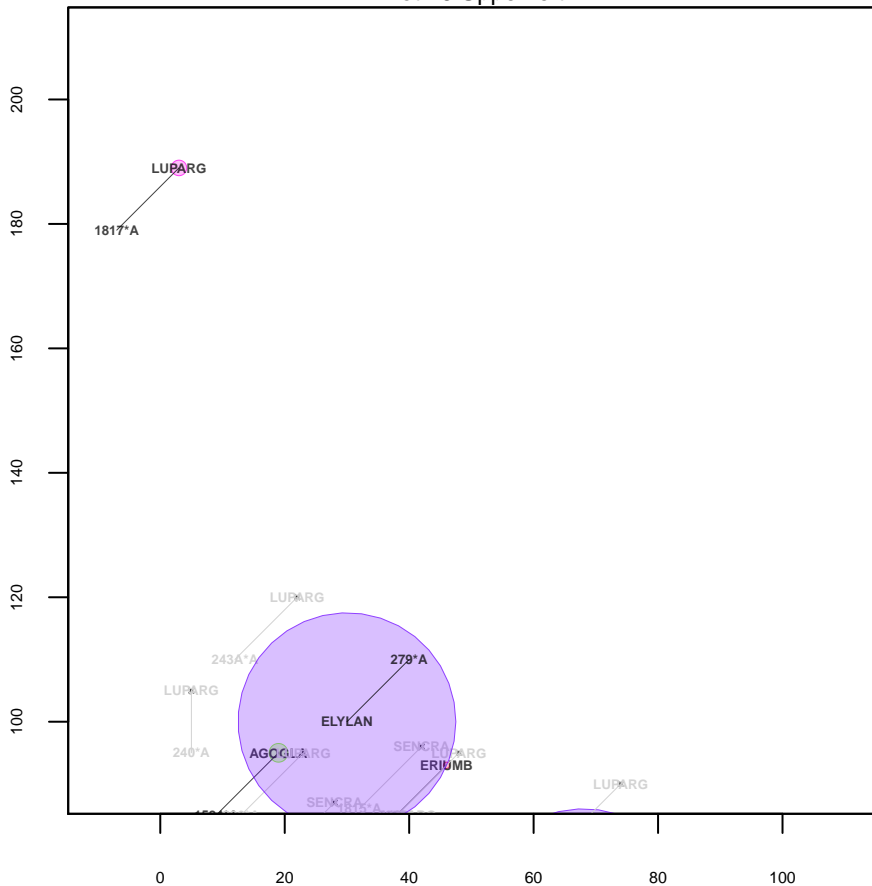
Plot 16 Lower left



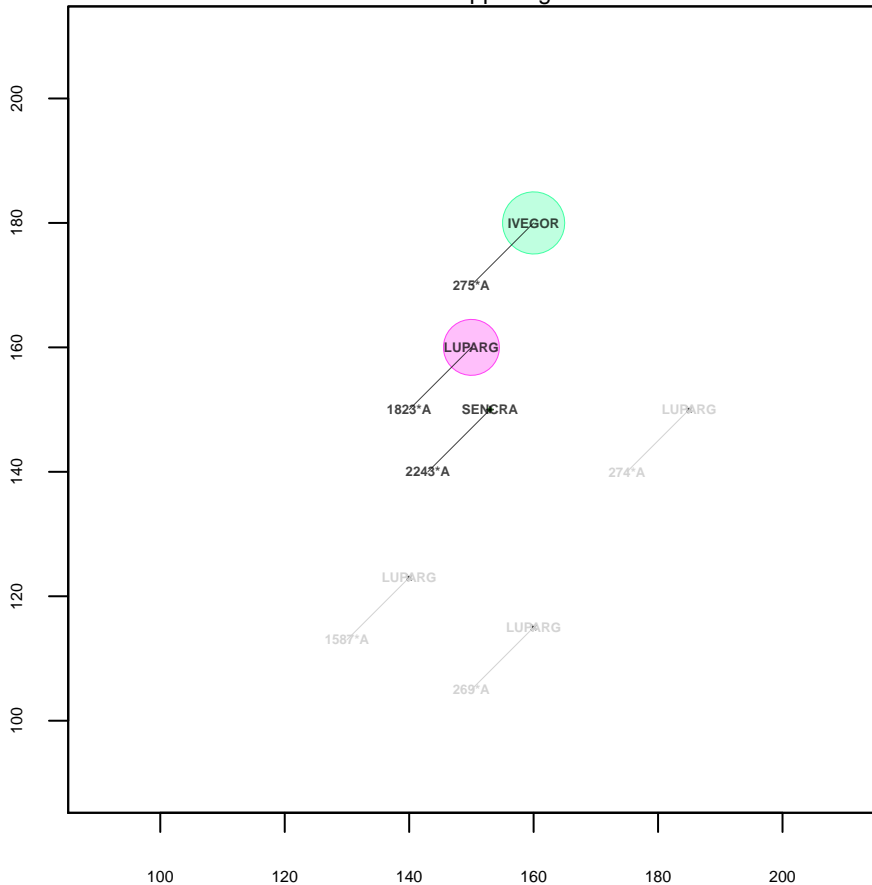
Plot 16 Lower right



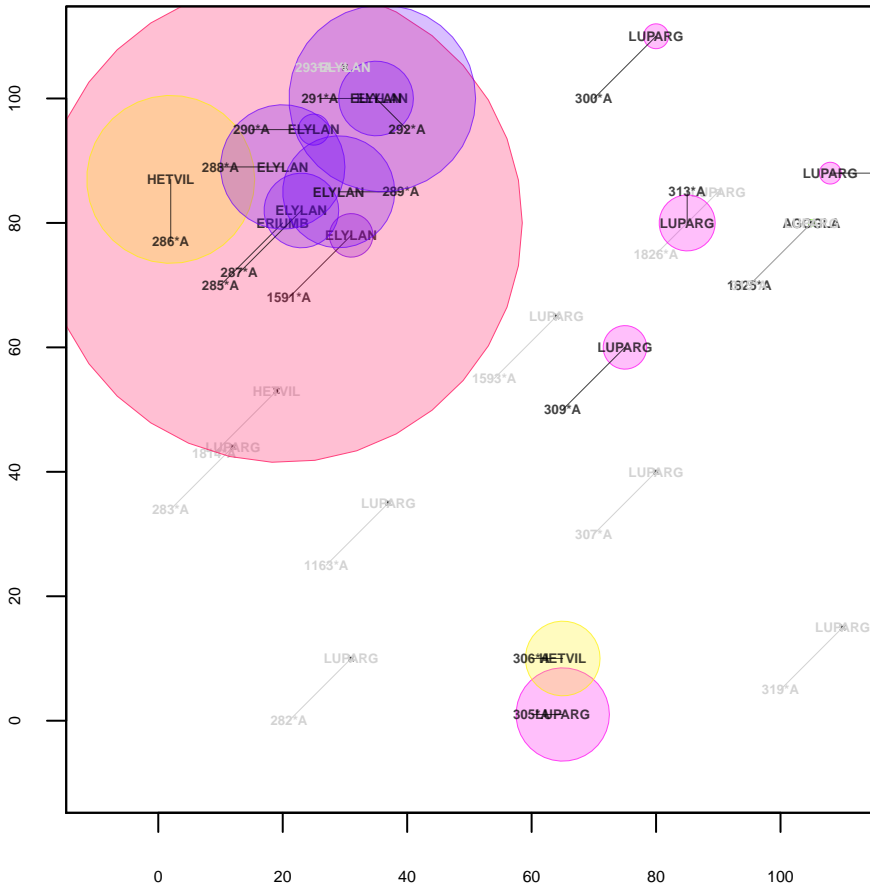
Plot 16 Upper left



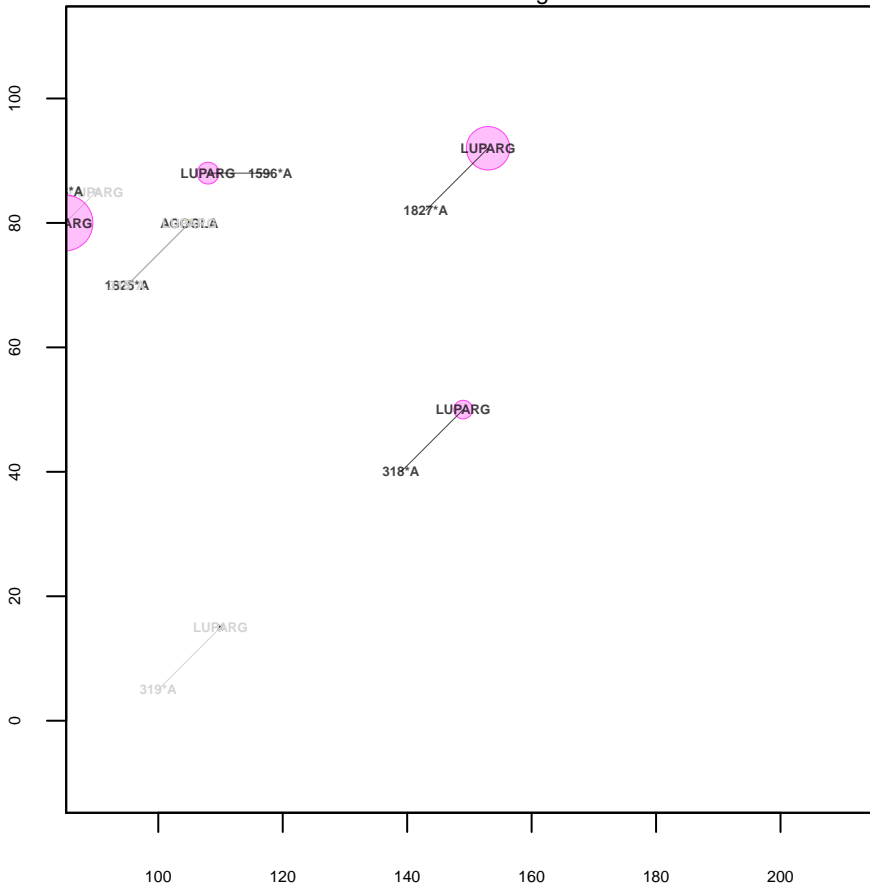
Plot 16 Upper right



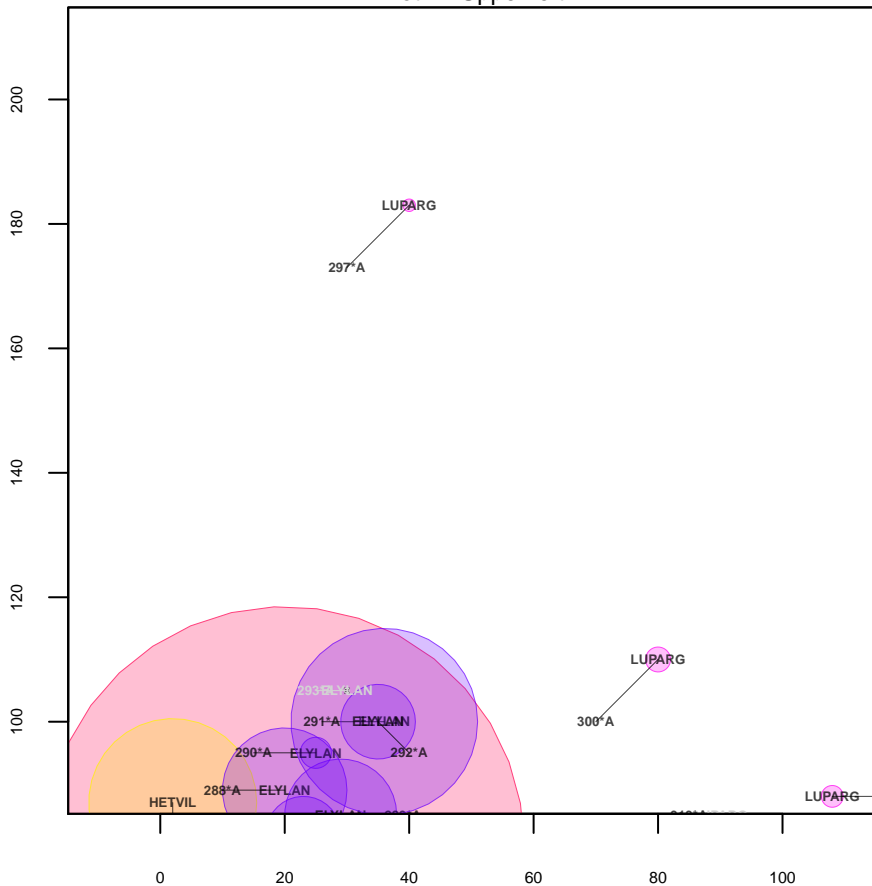
Plot 17 Lower left



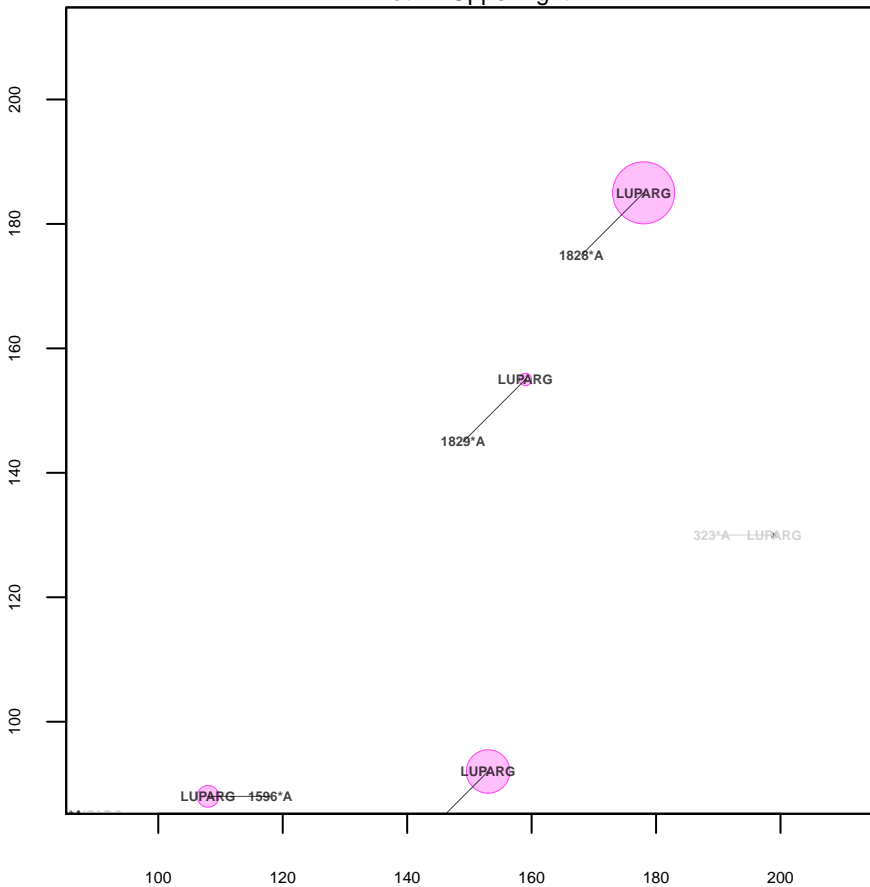
Plot 17 Lower right



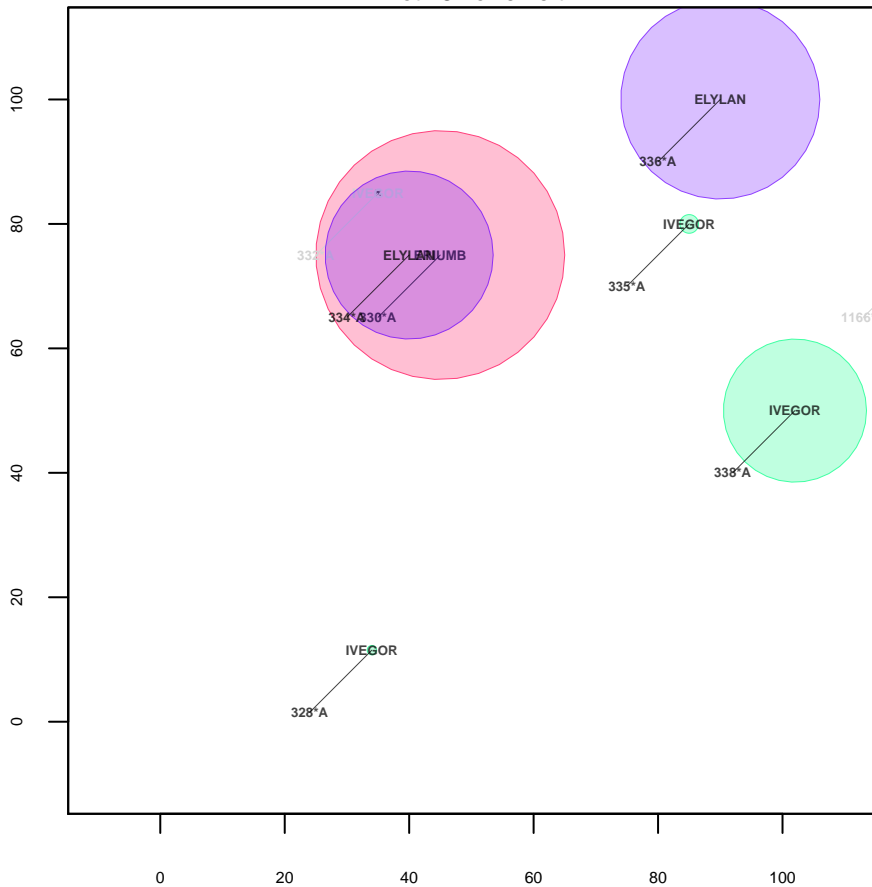
Plot 17 Upper left



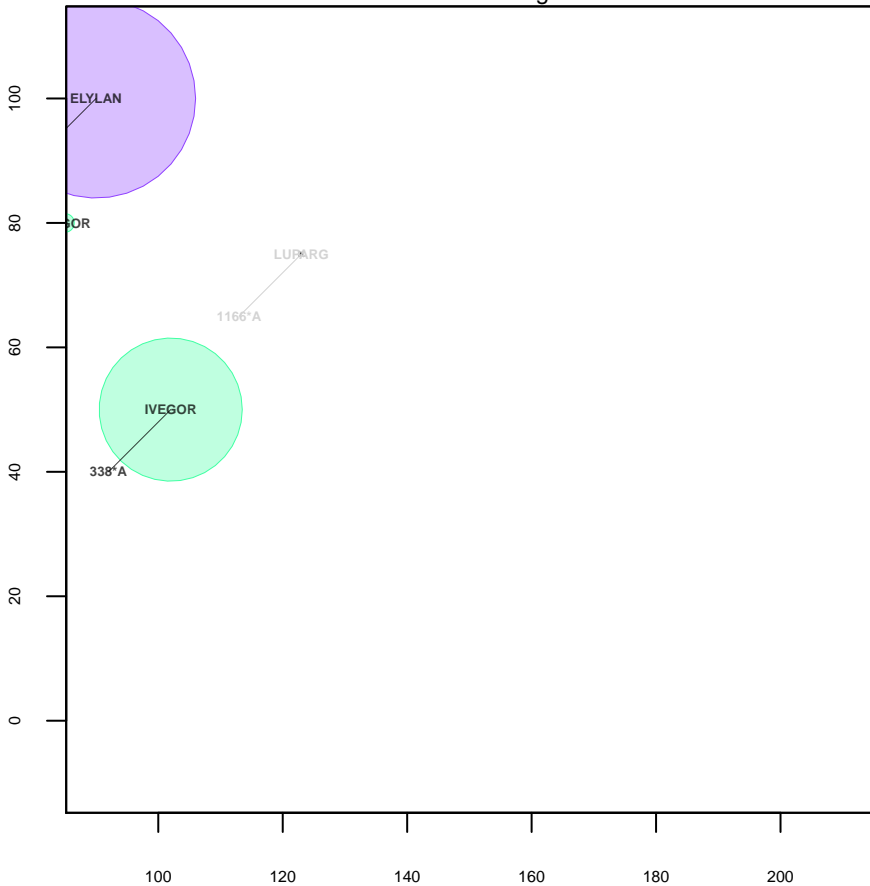
Plot 17 Upper right



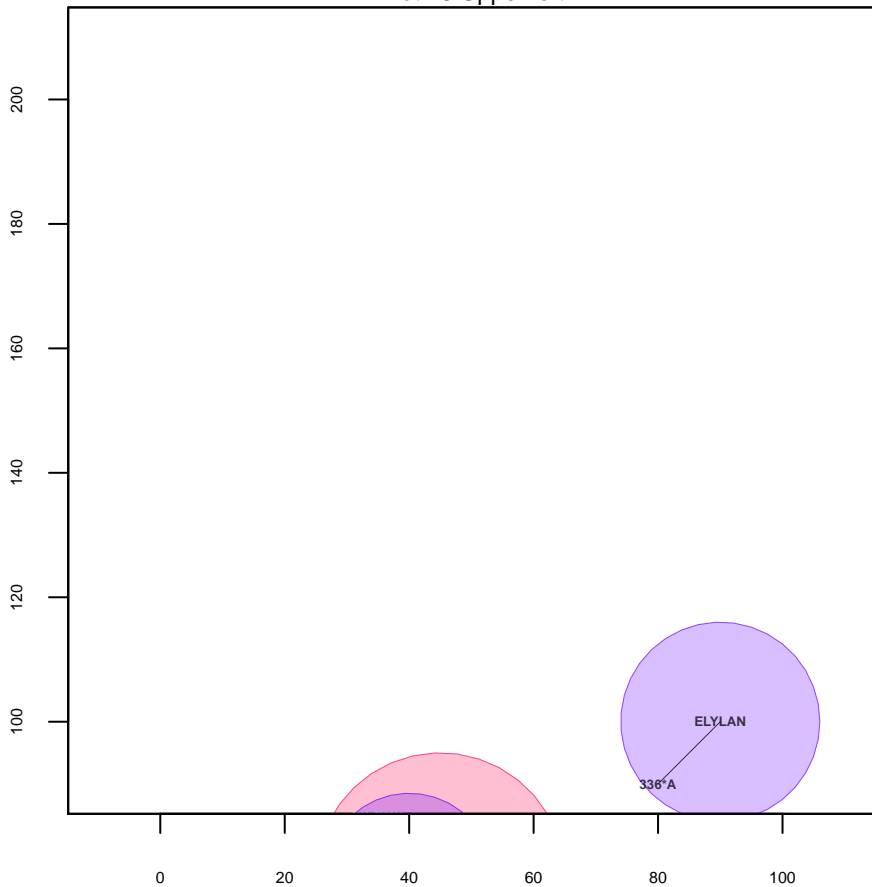
Plot 18 Lower left



Plot 18 Lower right



Plot 18 Upper left



Plot 18 Upper right

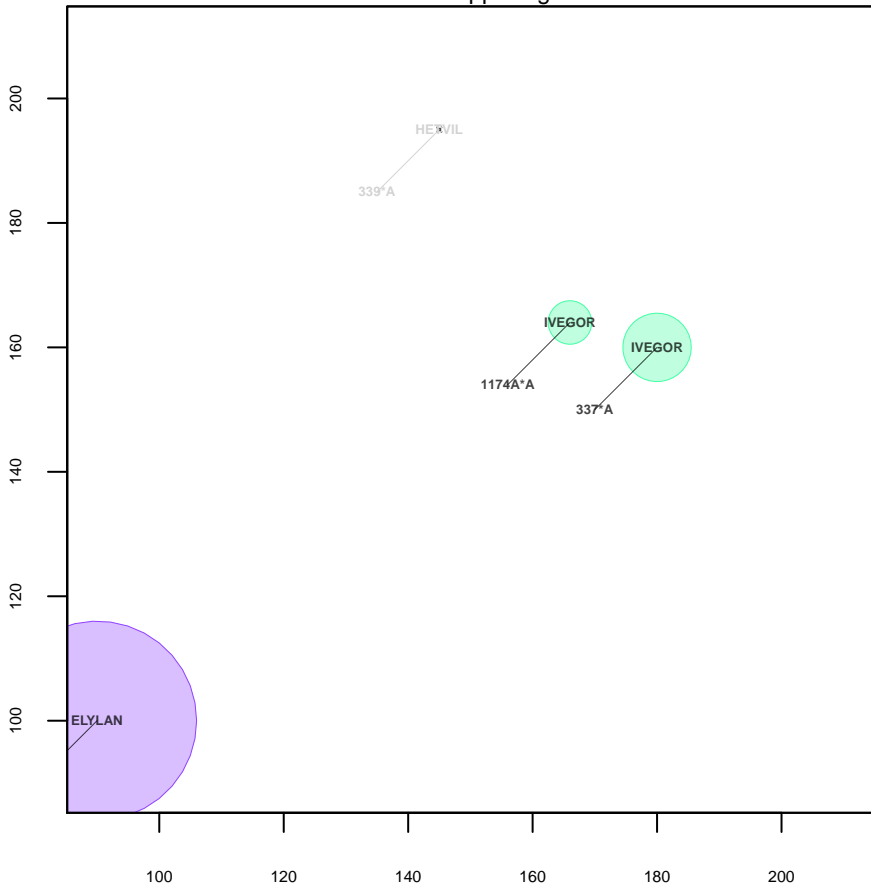
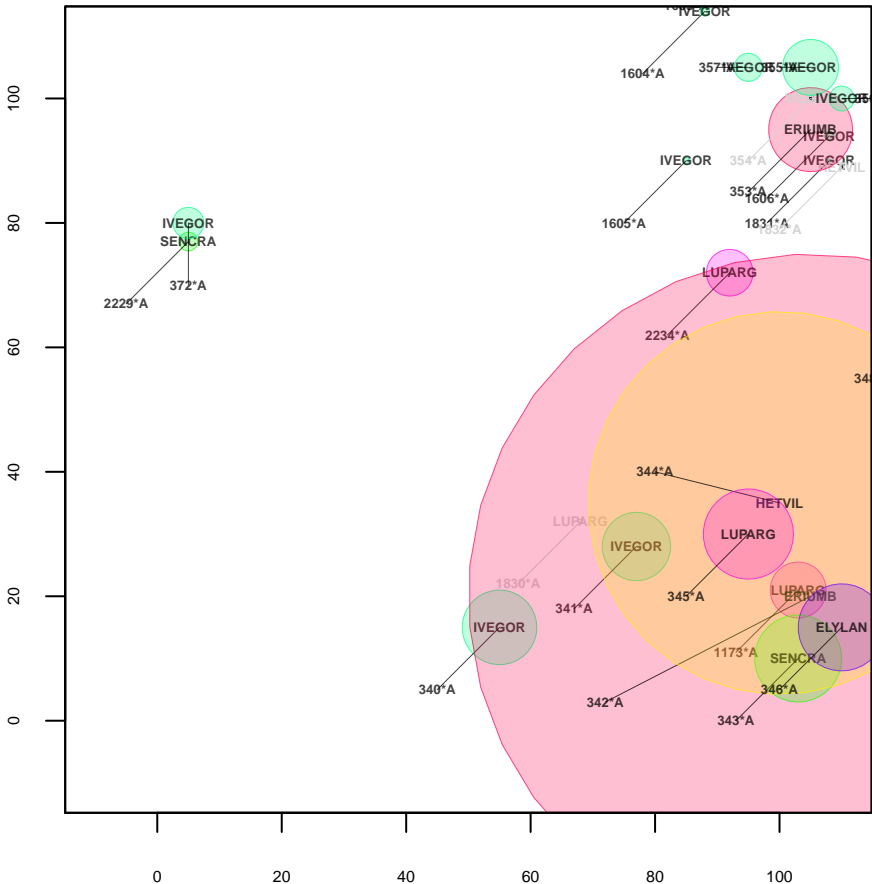


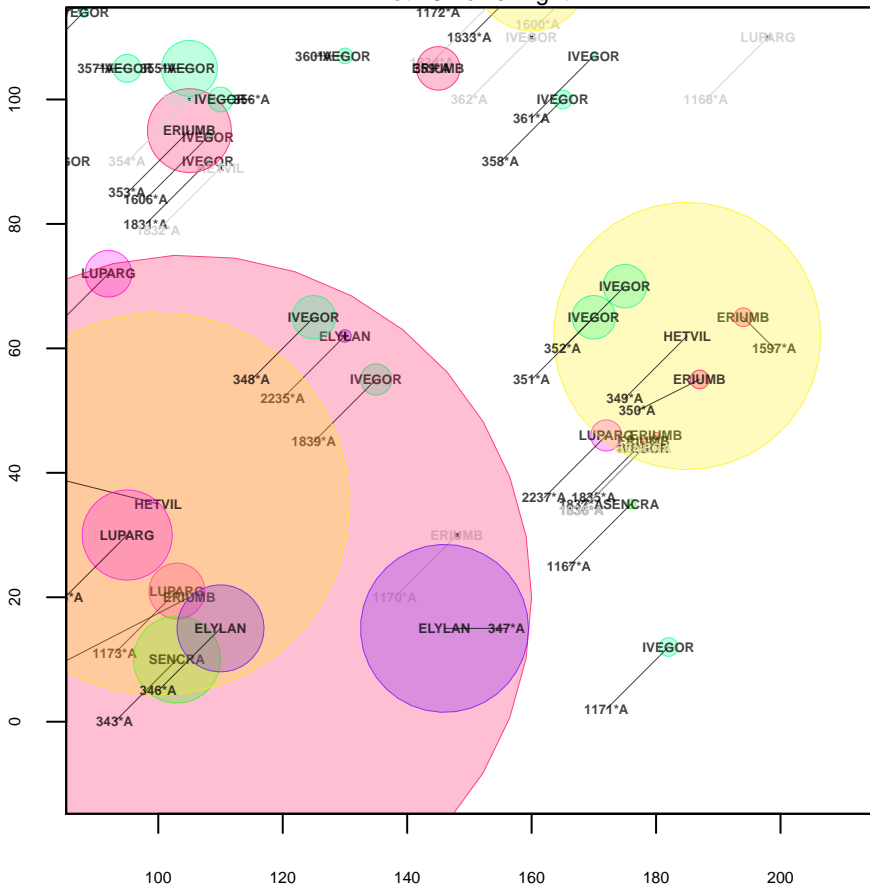
Figure 1 is a circular phylogenetic tree showing the relationships between various bacterial strains. The tree is rooted at the top and branches outwards. Strains are labeled with names and accession numbers. The tree is color-coded: green for IVEGOR, SENCRA, and LUPARG; pink for ERIUMB, IVEGOR, and LUPARG; yellow for LUPARG, ERIUMB, and SENCRA; and purple for ELYLAN. The tree is set against a background of concentric circles in shades of pink, yellow, and orange.

Key labels and accession numbers visible in the tree include:

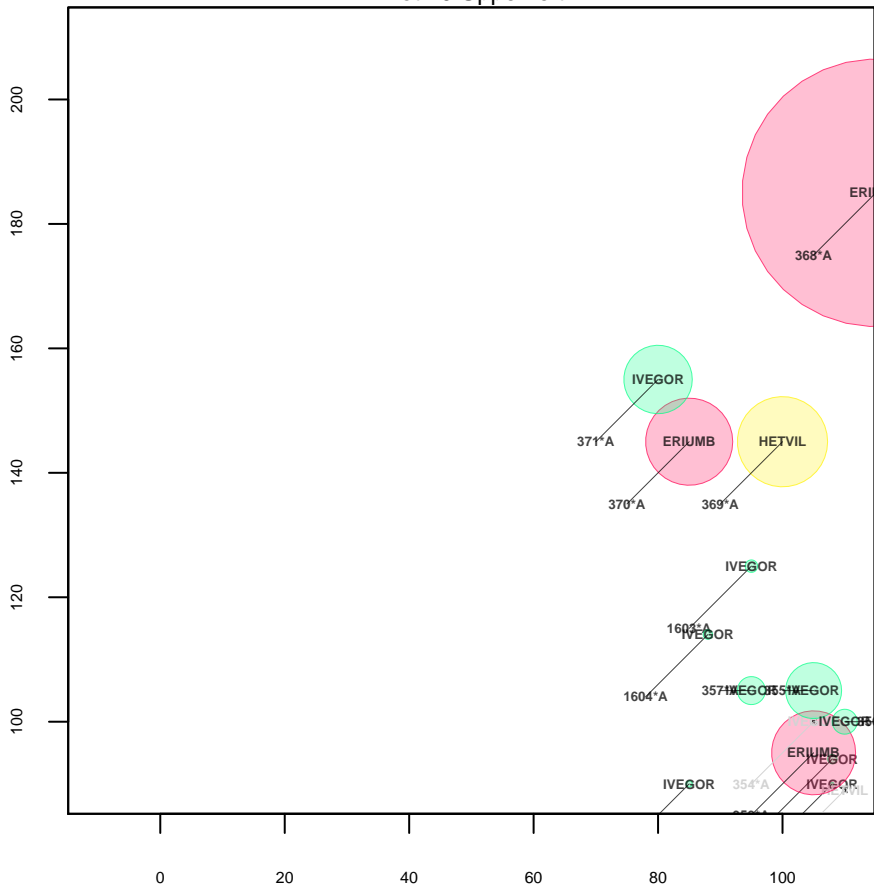
- IVEGOR (2229°A, 372°A)
- SENCRA (2229°A, 372°A)
- IVEGOR (1604°A, 357°A)
- IVEGOR (1605°A, 354°A)
- IVEGOR (1606°A, 353°A)
- IVEGOR (1831°A, 1832°A)
- LUPARG (2234°A)
- IVEGOR (344°A)
- LUPARG (341°A)
- IVEGOR (340°A)
- IVEGOR (345°A)
- LUPARG (342°A)
- ERYUMB (1173°A)
- SENCRA (346°A)
- ELYLAN (343°A)
- ERYUMB (344°A)
- ERYUMB (345°A)
- ERYUMB (346°A)
- ERYUMB (347°A)
- ERYUMB (348°A)
- ERYUMB (349°A)
- ERYUMB (350°A)
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- ERYUMB (356°A)
- ERYUMB (357°A)
- ERYUMB (358°A)
- ERYUMB (359°A)
- ERYUMB (360°A)



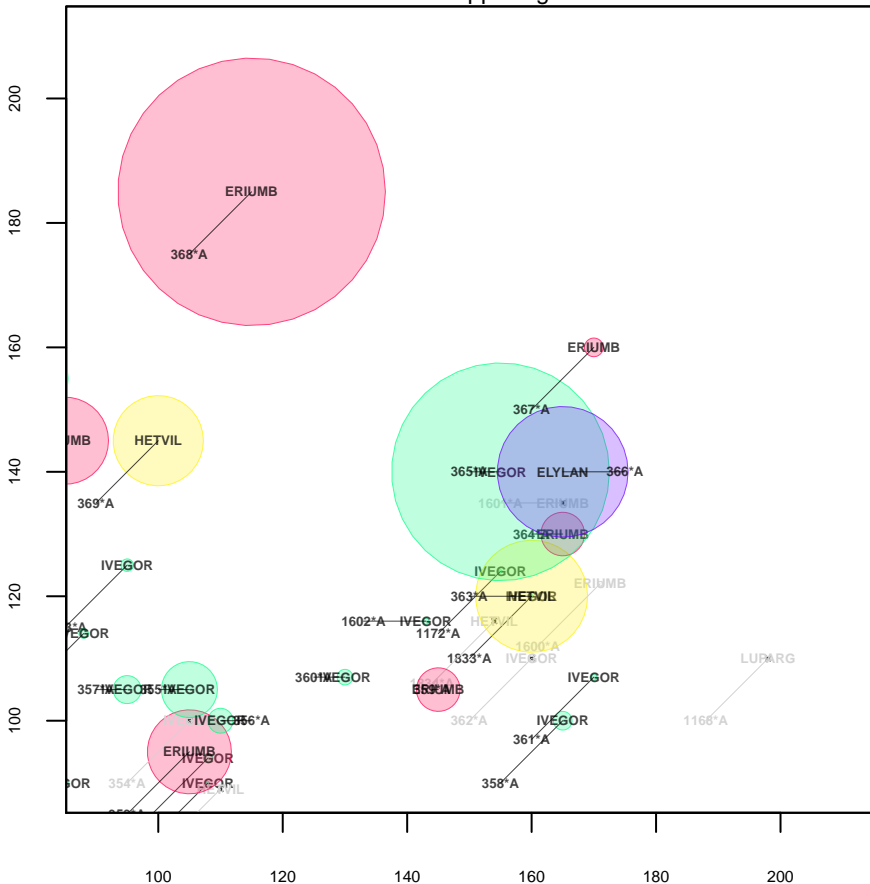
Plot 19 Lower right

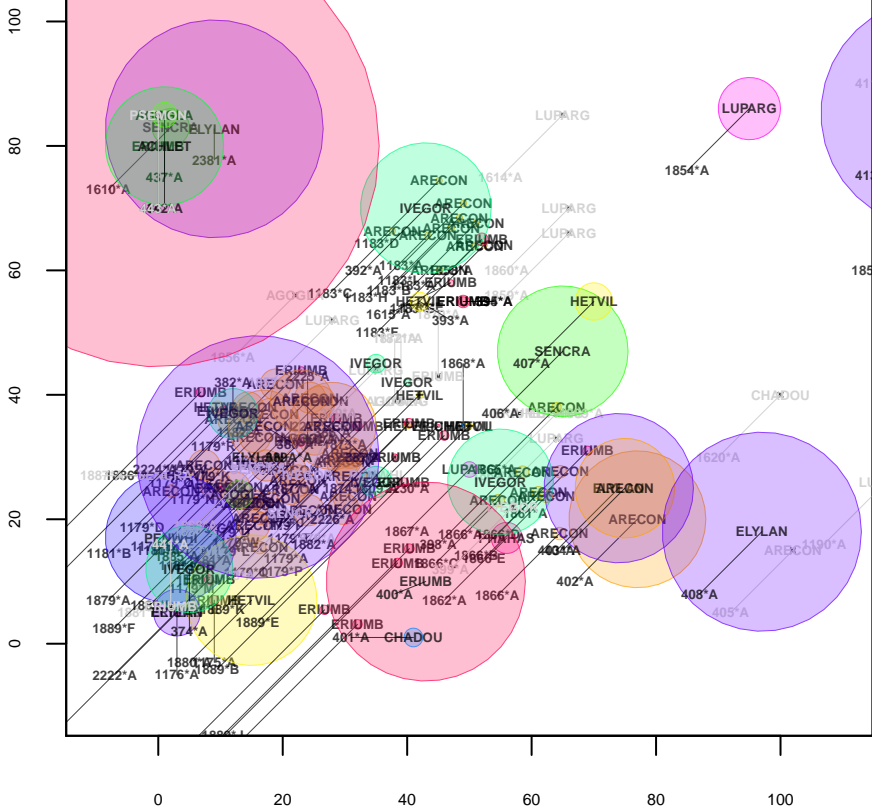


Plot 19 Upper left

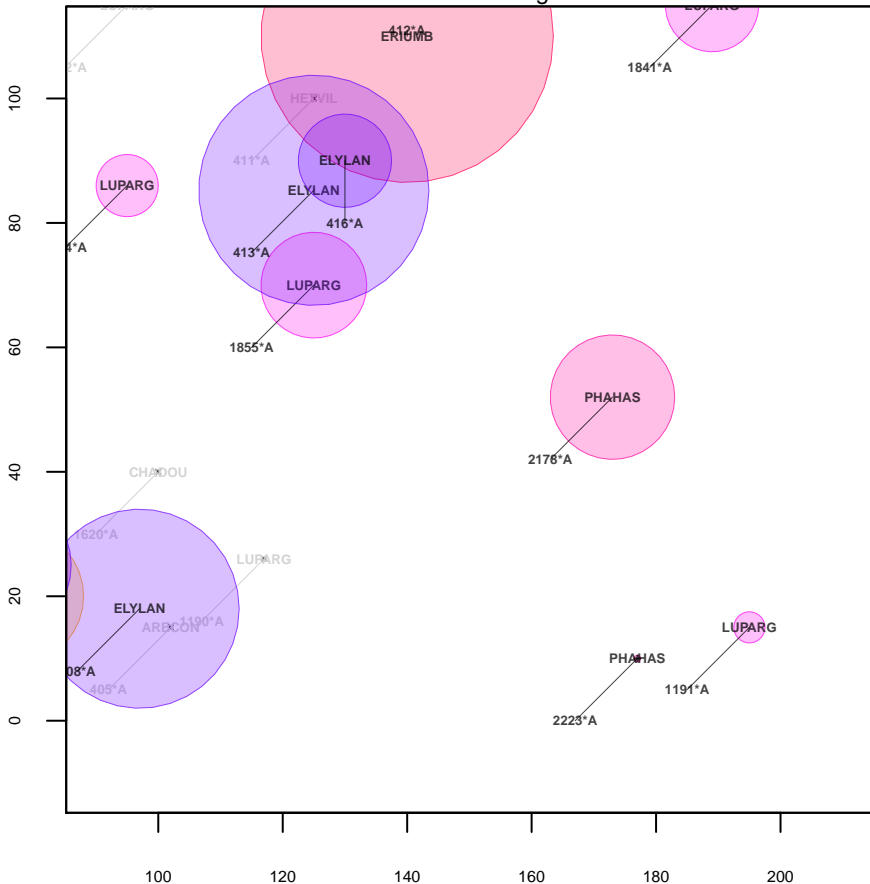


Plot 19 Upper right

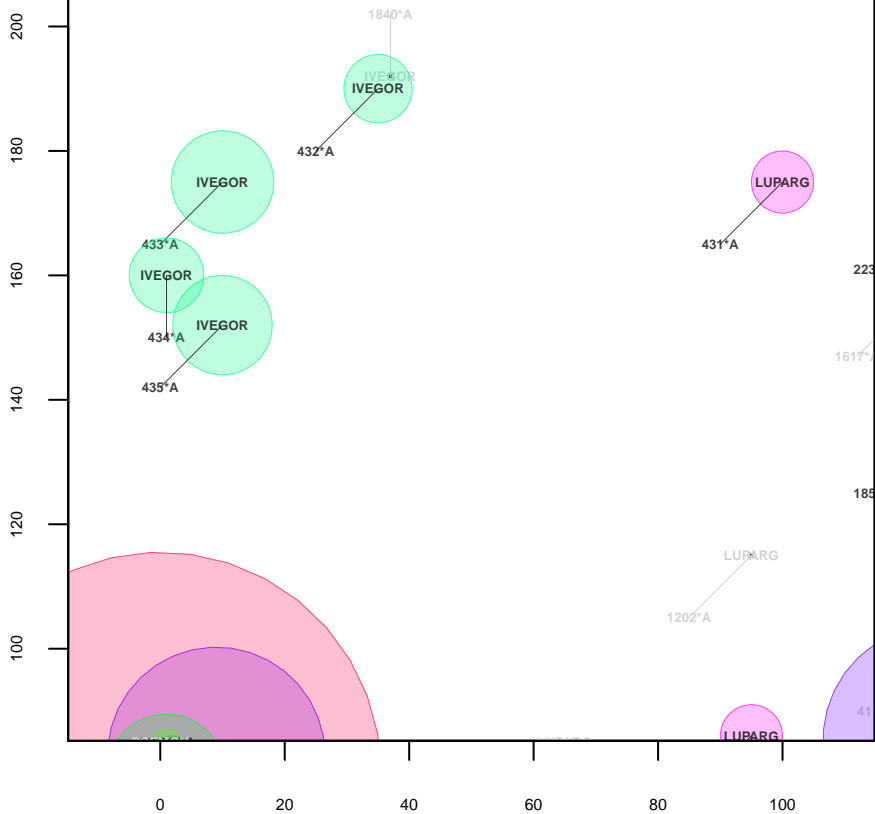


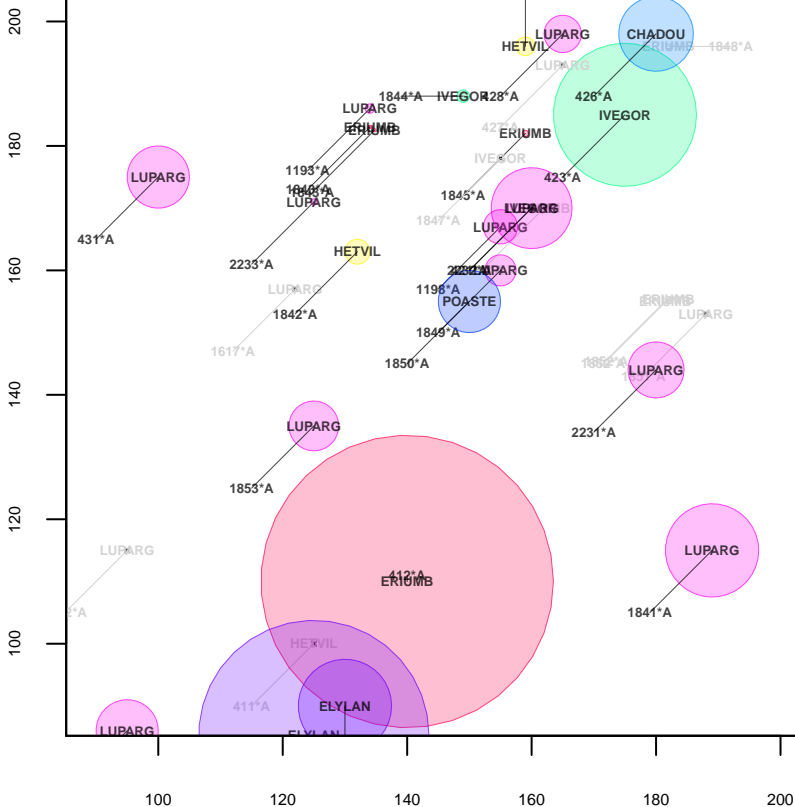


Plot 20 Lower right

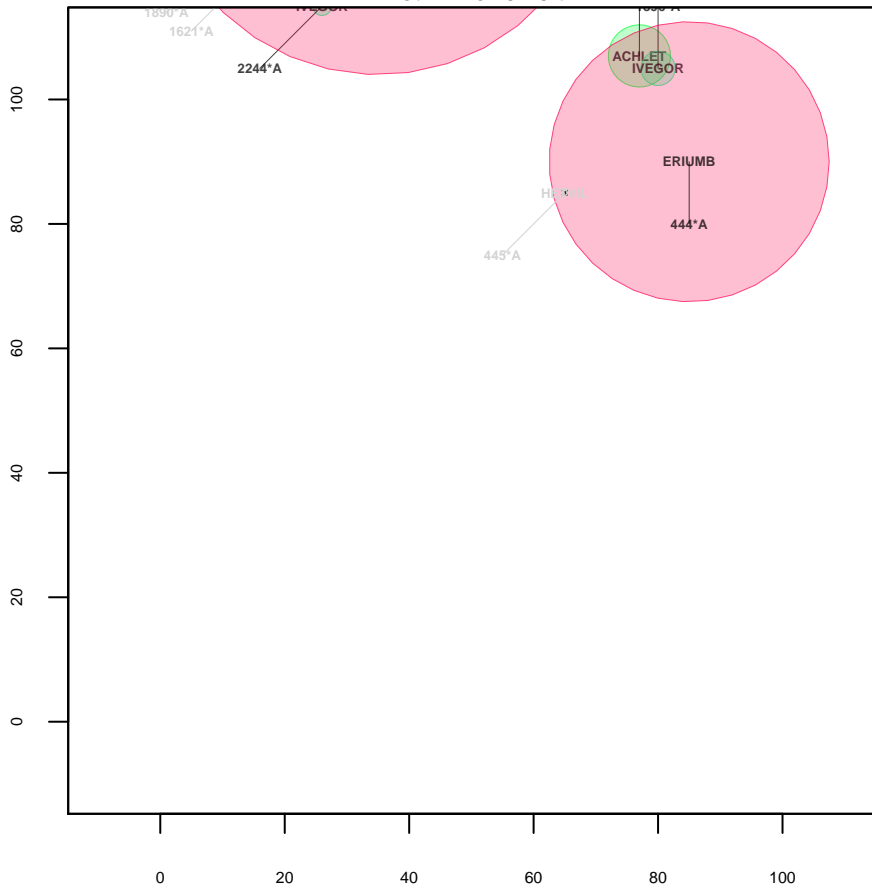


Plot 20 Upper left

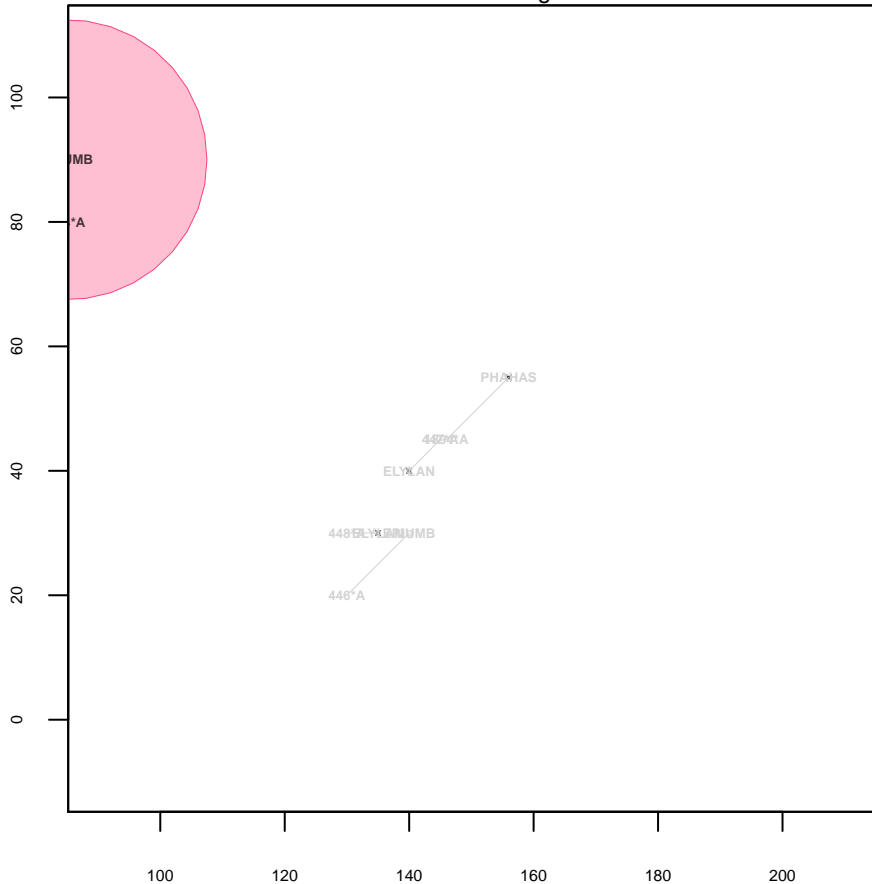




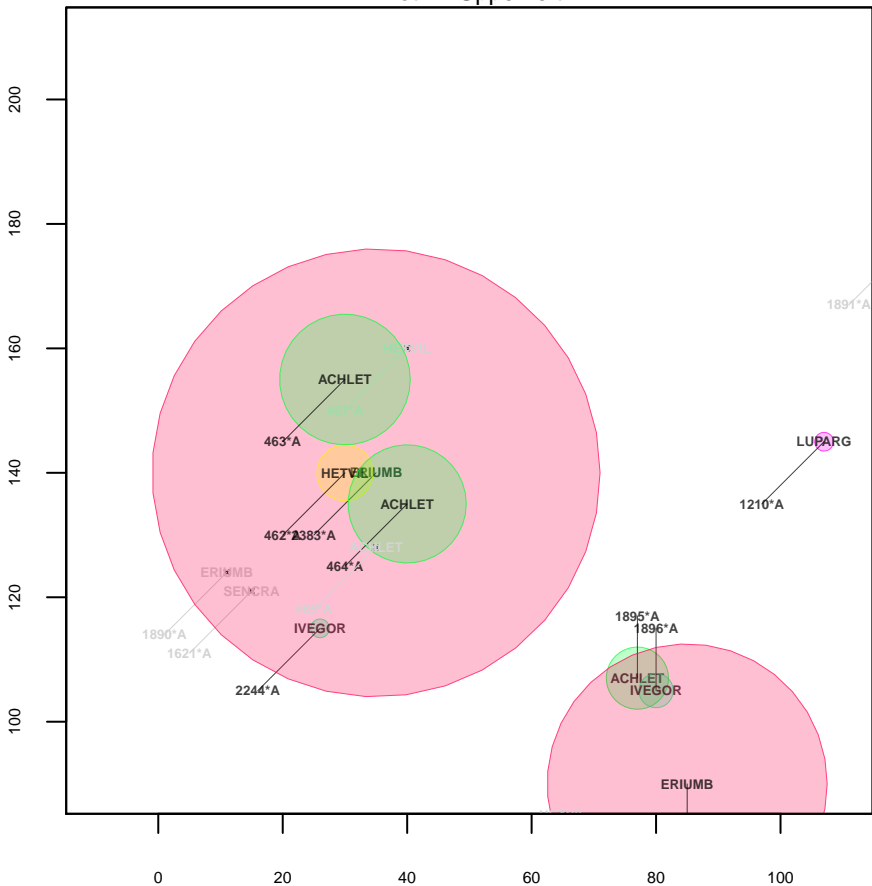
Plot 21 Lower left



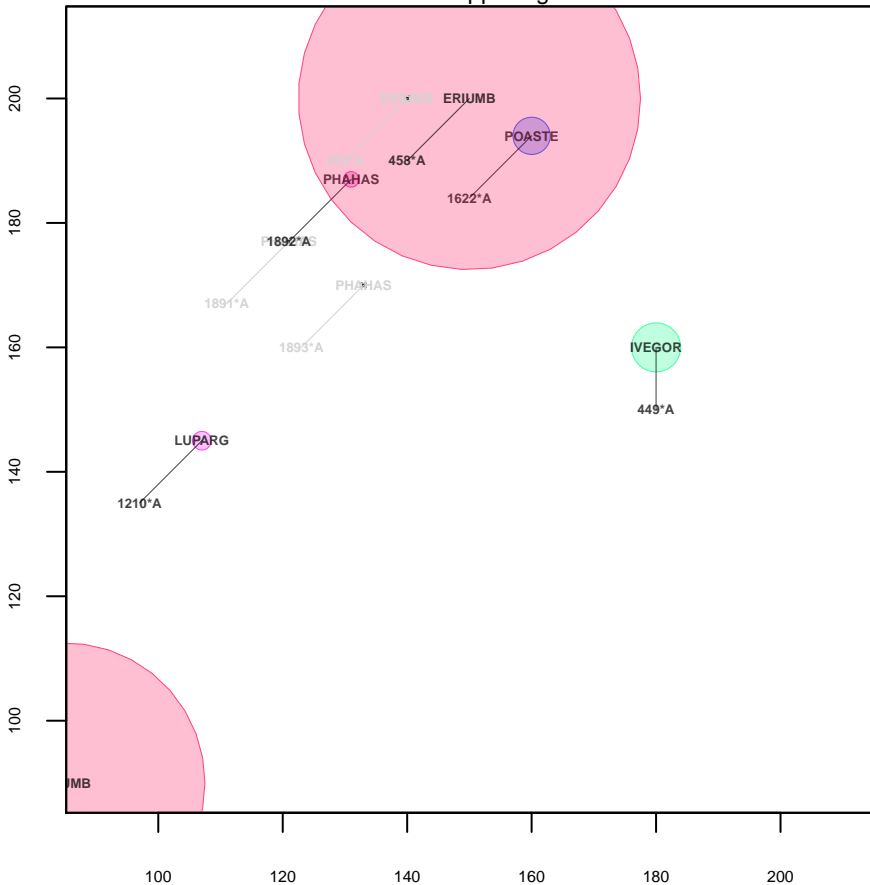
Plot 21 Lower right



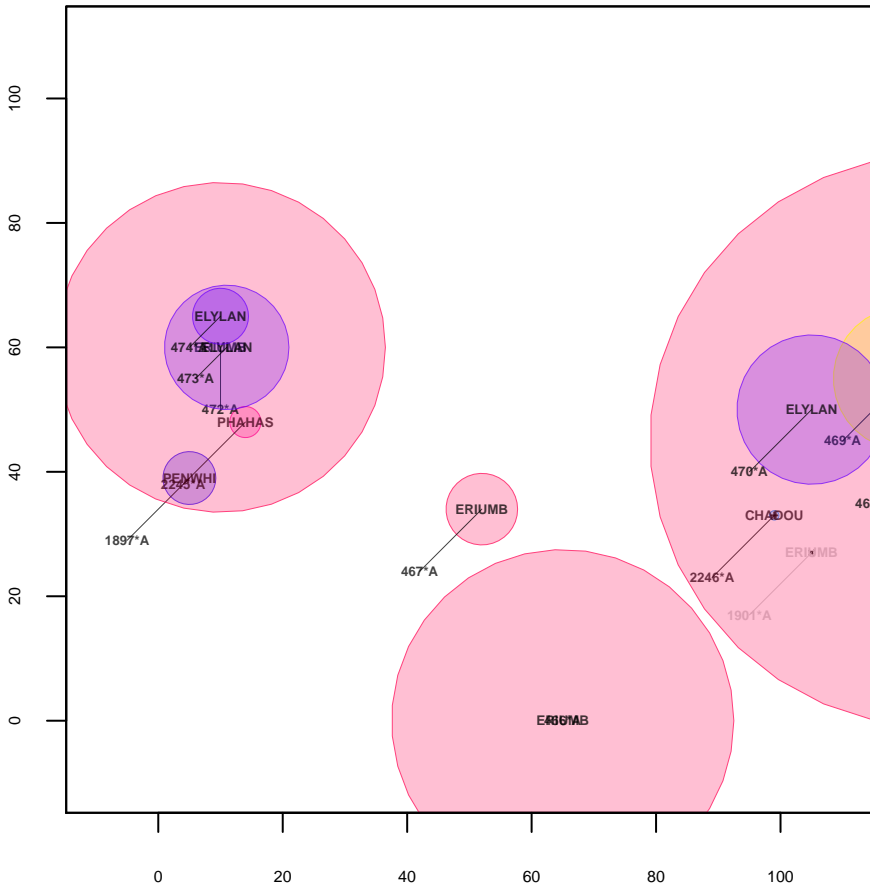
Plot 21 Upper left



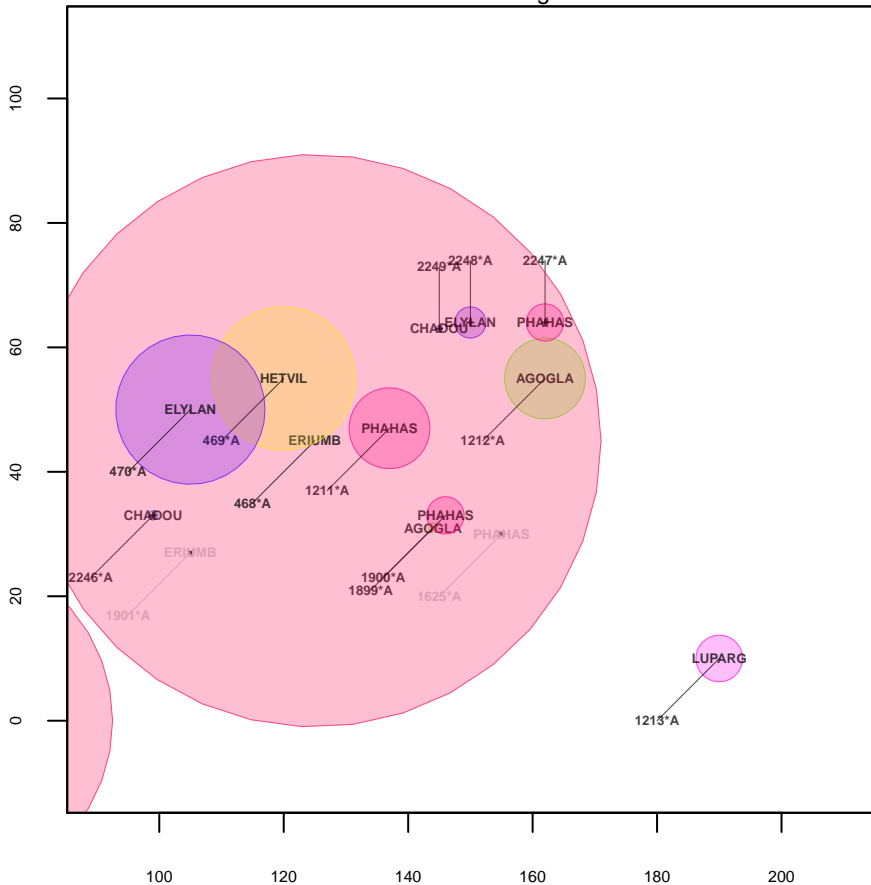
Plot 21 Upper right



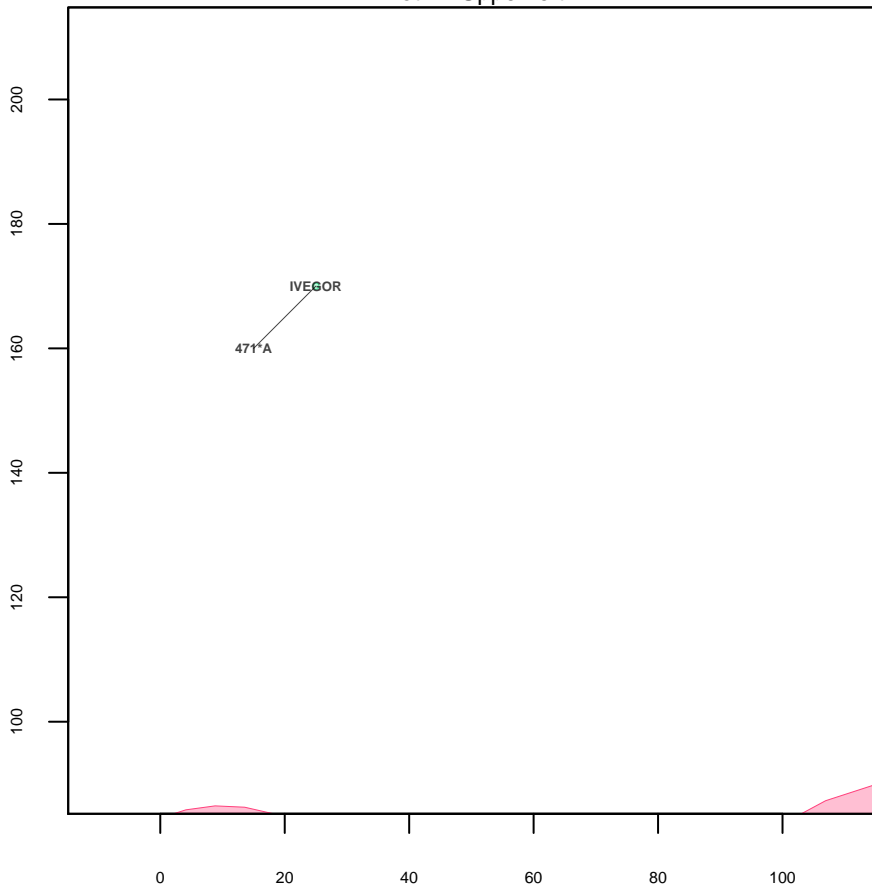
Plot 22 Lower left



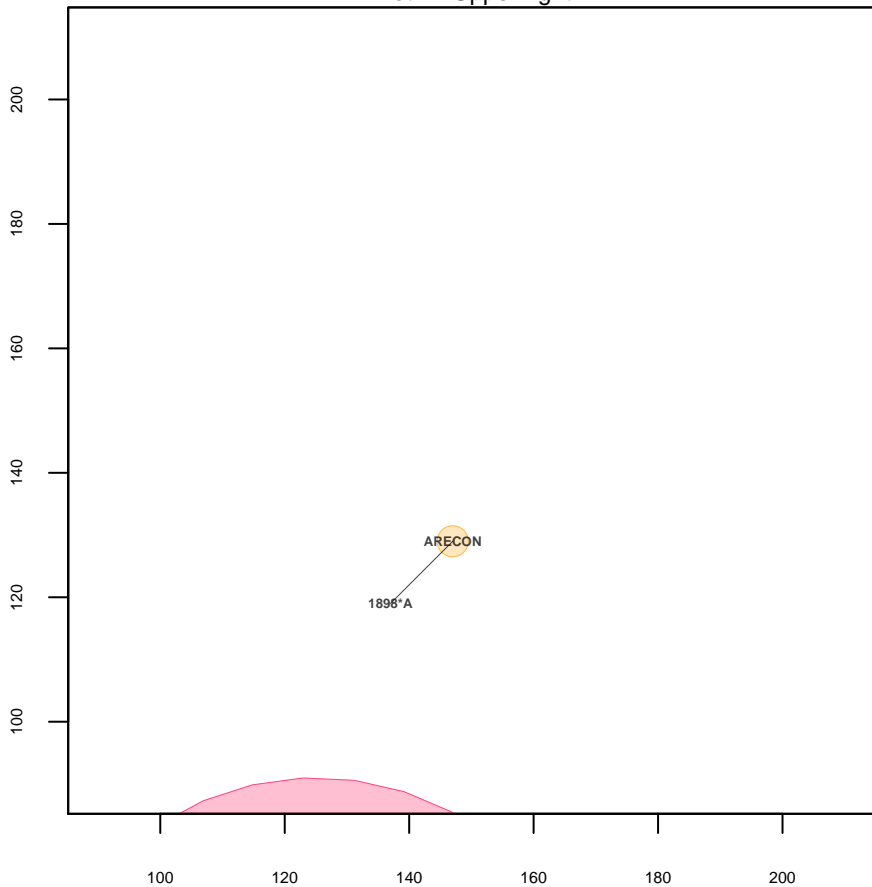
Plot 22 Lower right



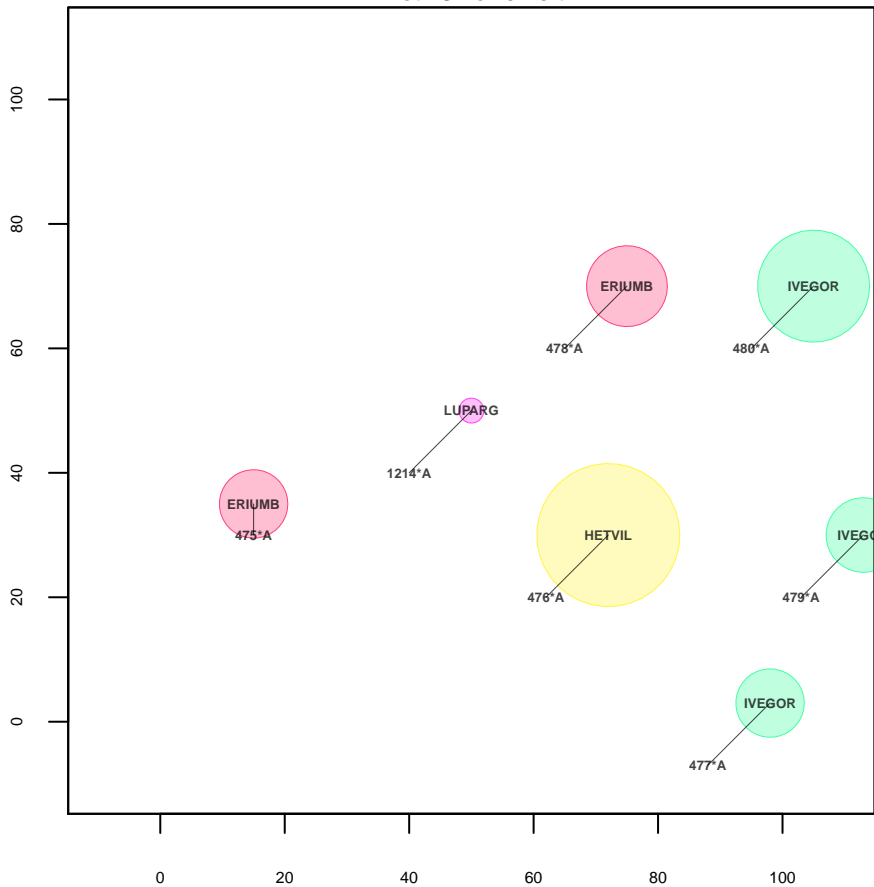
Plot 22 Upper left



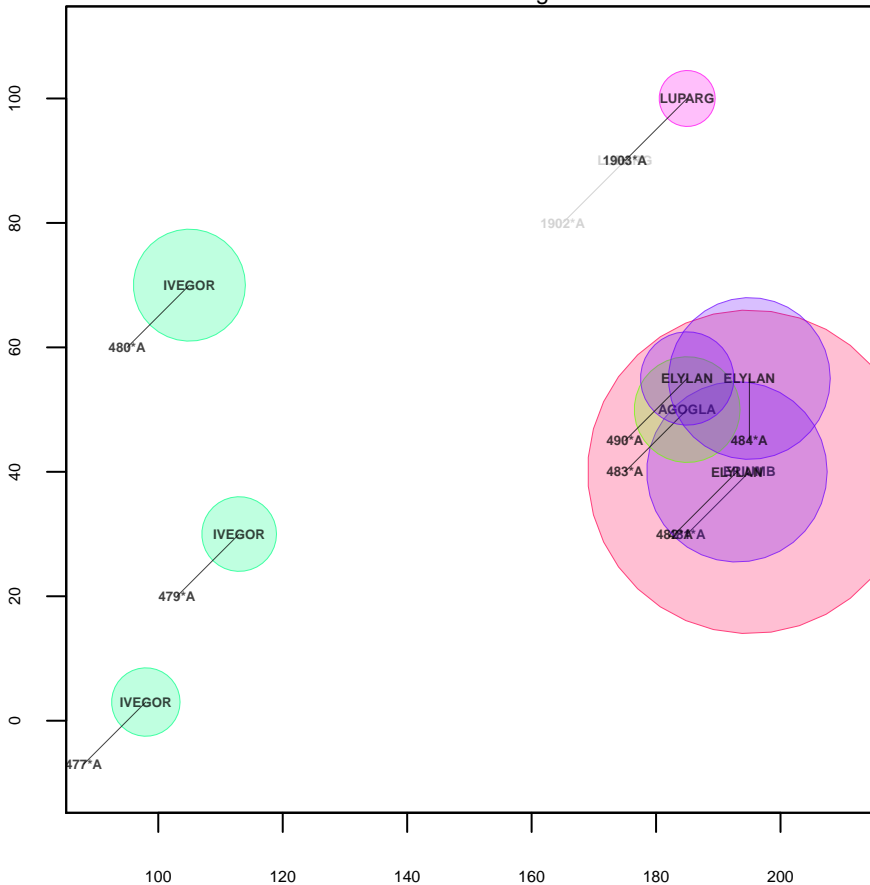
Plot 22 Upper right



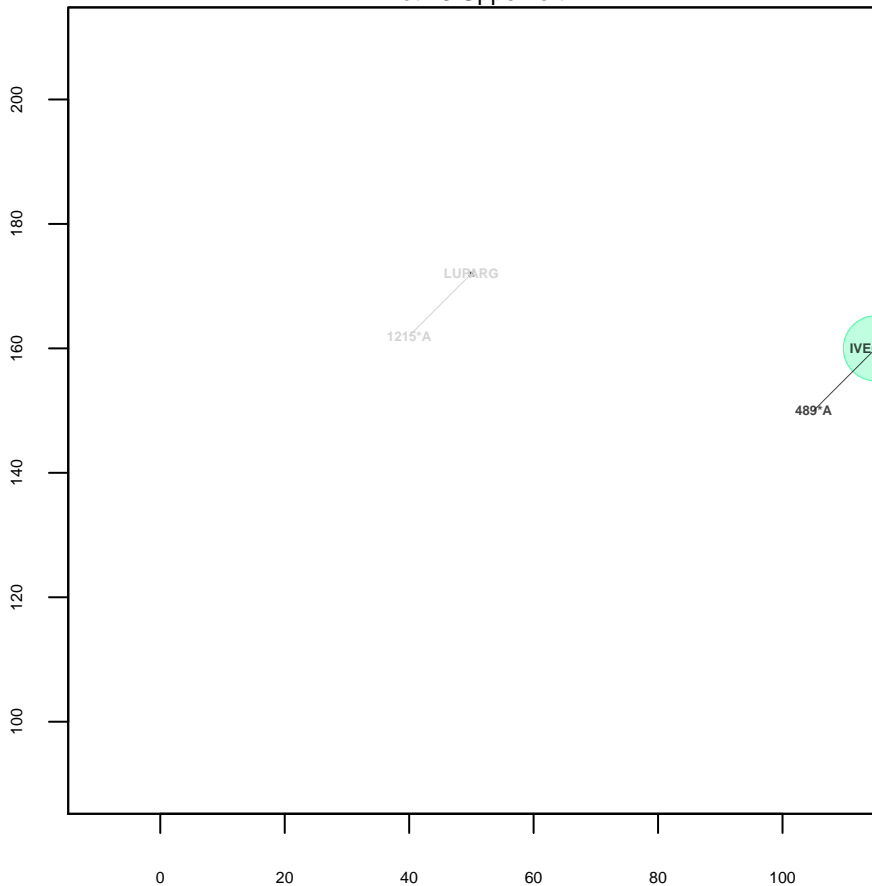
Plot 23 Lower left



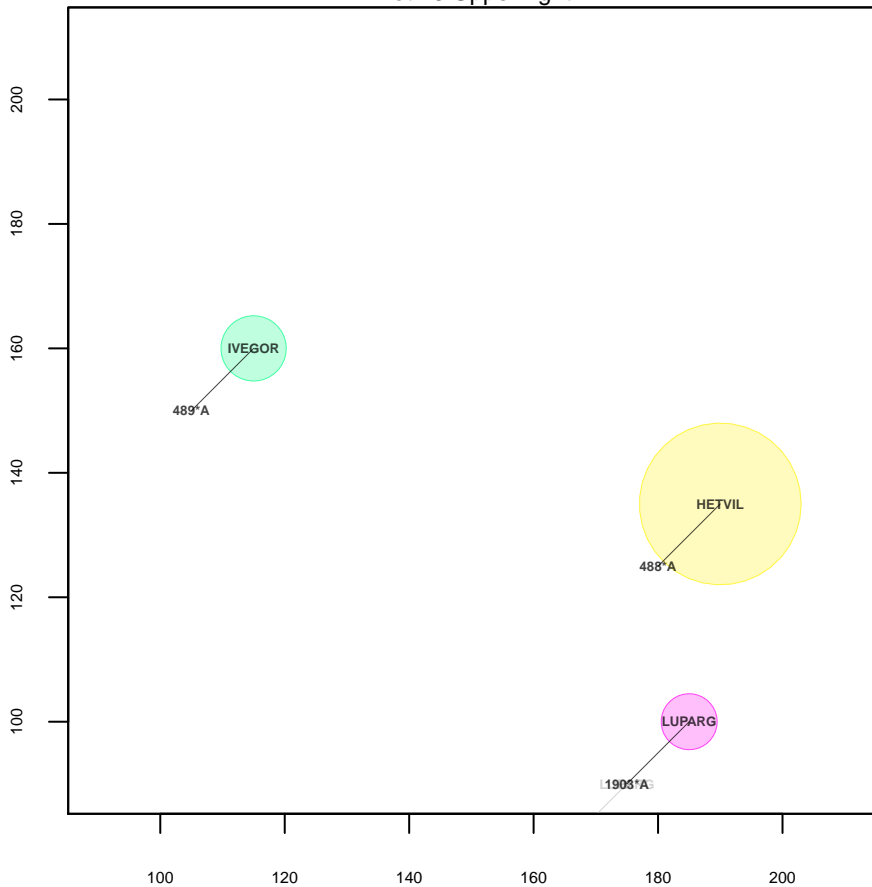
Plot 23 Lower right



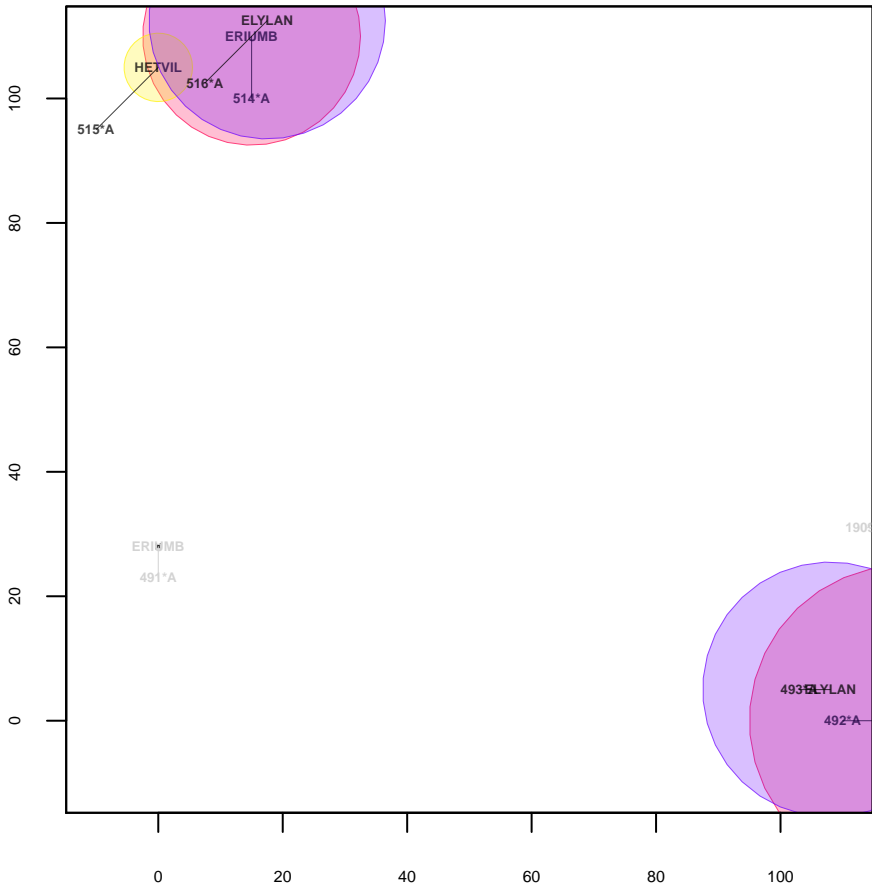
Plot 23 Upper left



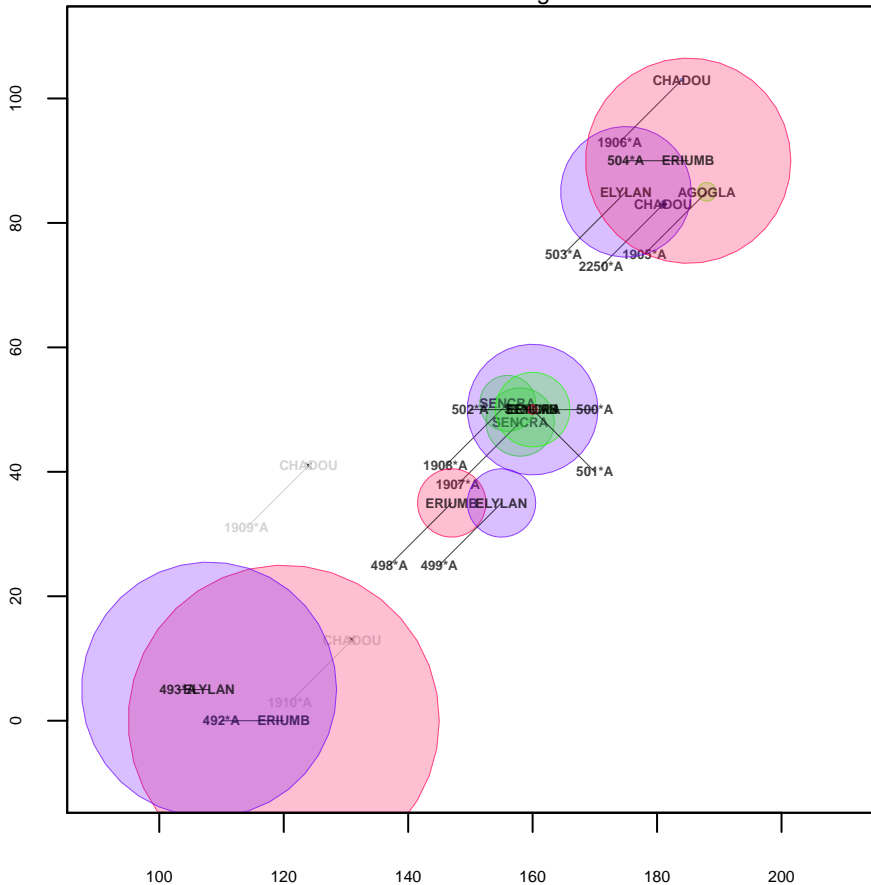
Plot 23 Upper right



Plot 24 Lower left



Plot 24 Lower right



Plot 24 Upper left

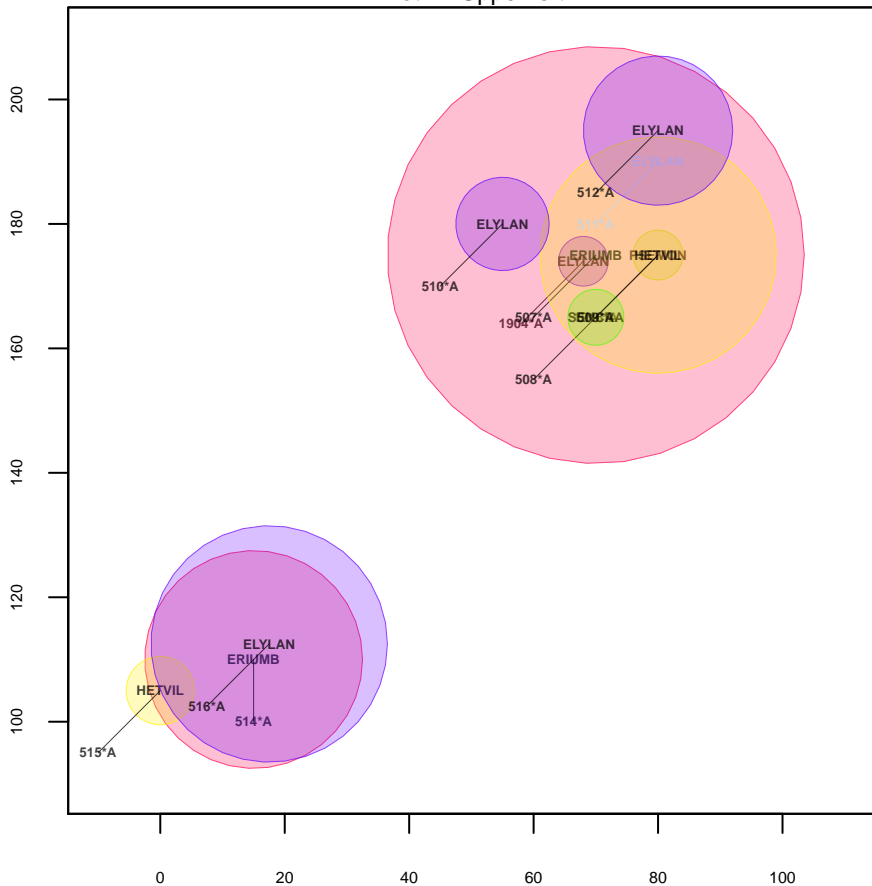
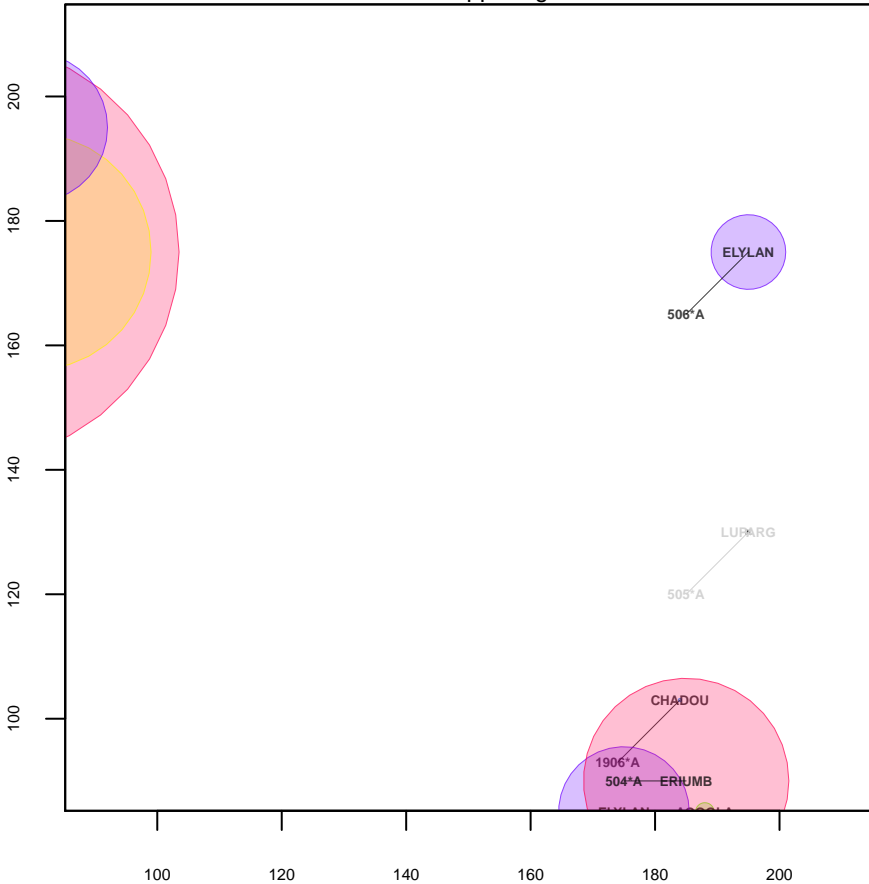
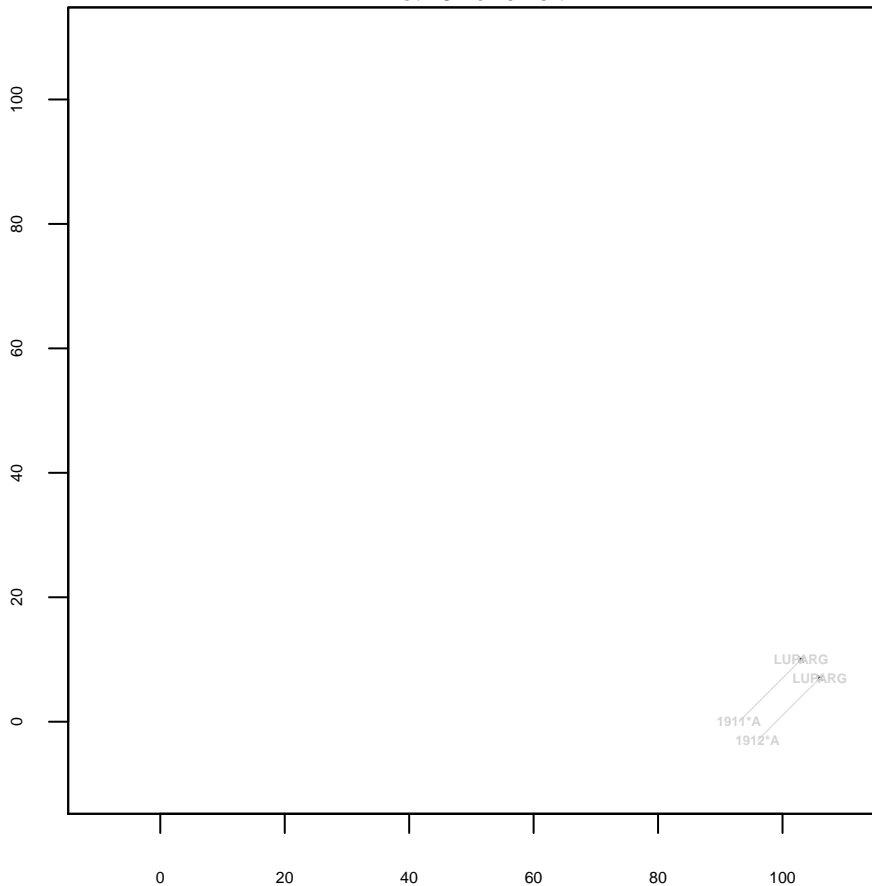


Figure 1 is a scatter plot showing the relationship between the number of species (S) and the number of genera (G) for various taxa. The x-axis represents the number of genera (G) from 0 to 200, and the y-axis represents the number of species (S) from 0 to 1000. The data points are labeled with taxon names and their corresponding S and G values. The points are colored in shades of purple and pink, and some are connected by lines to their labels.

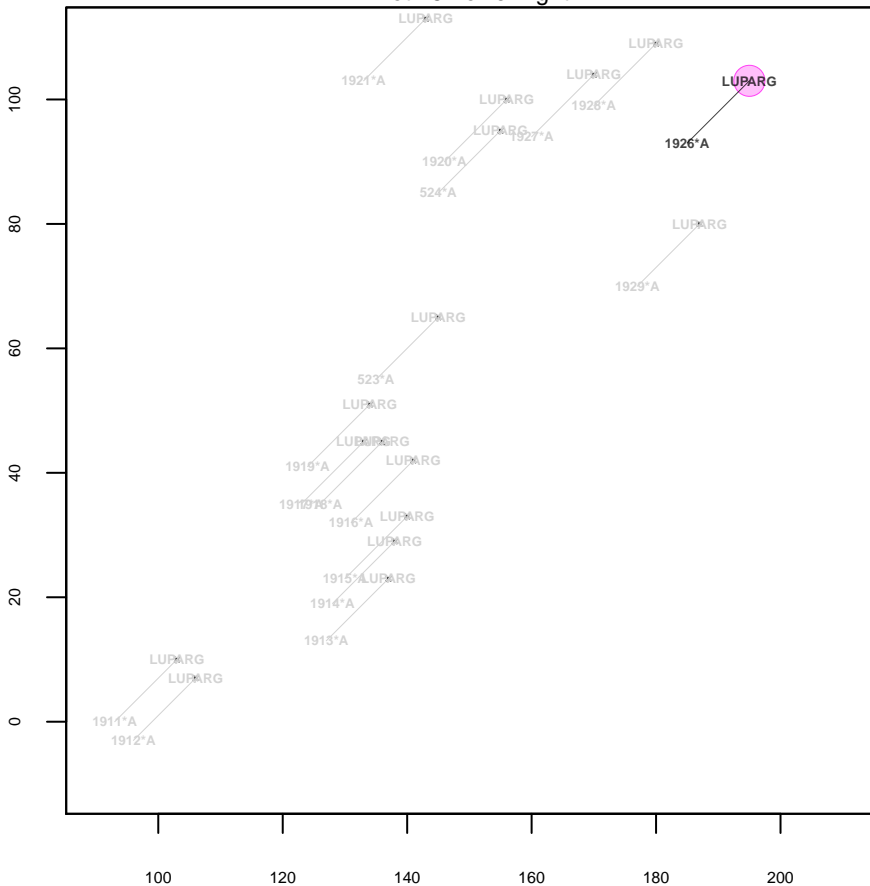
Taxon	Number of Genera (G)	Number of Species (S)
ELYLAN	190	506
LUPARG	190	505
CHADOU	180	1906
504*A	180	504
1906*A	180	1906
ERIUMB	180	504



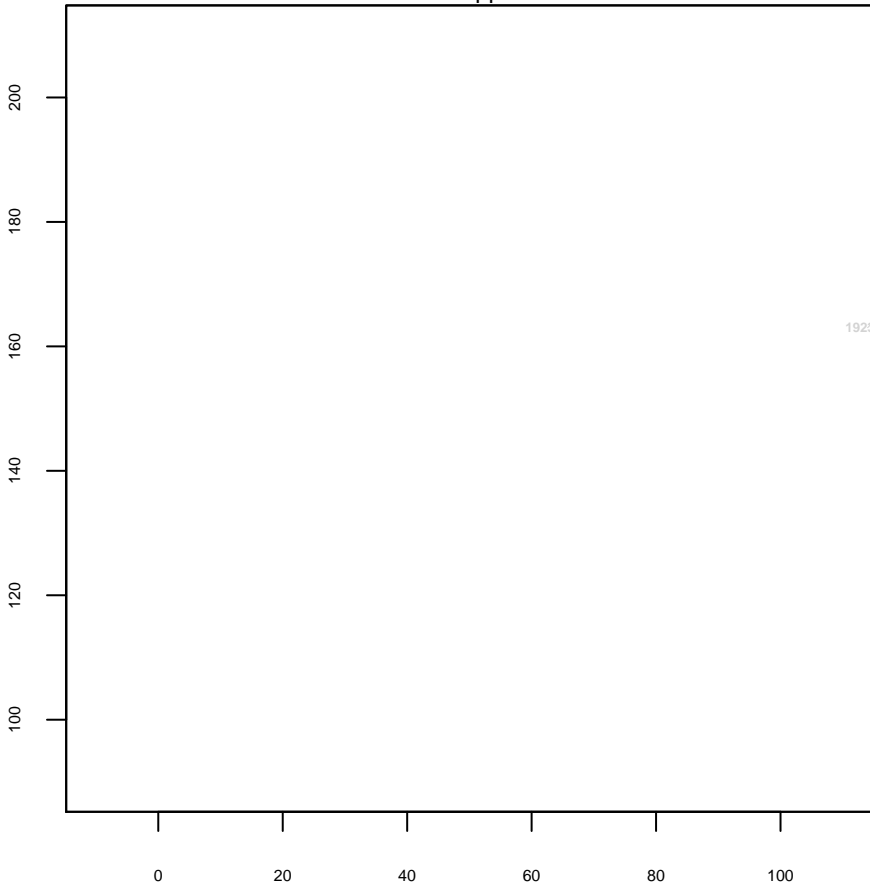
Plot 25 Lower left



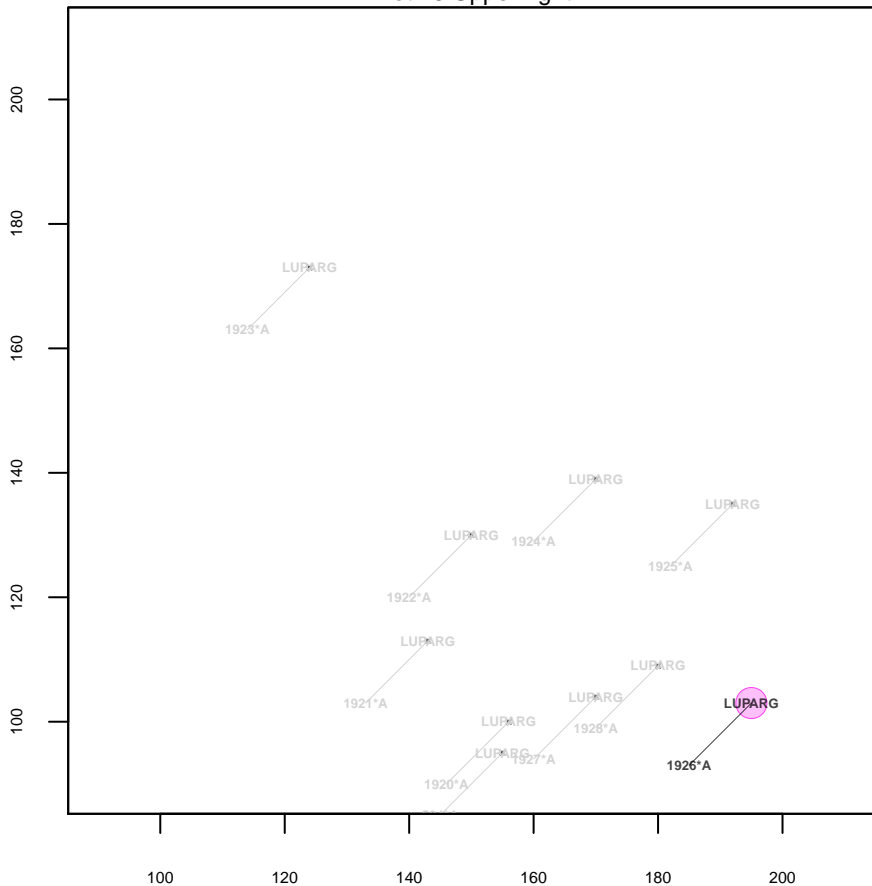
Plot 25 Lower right



Plot 25 Upper left



Plot 25 Upper right



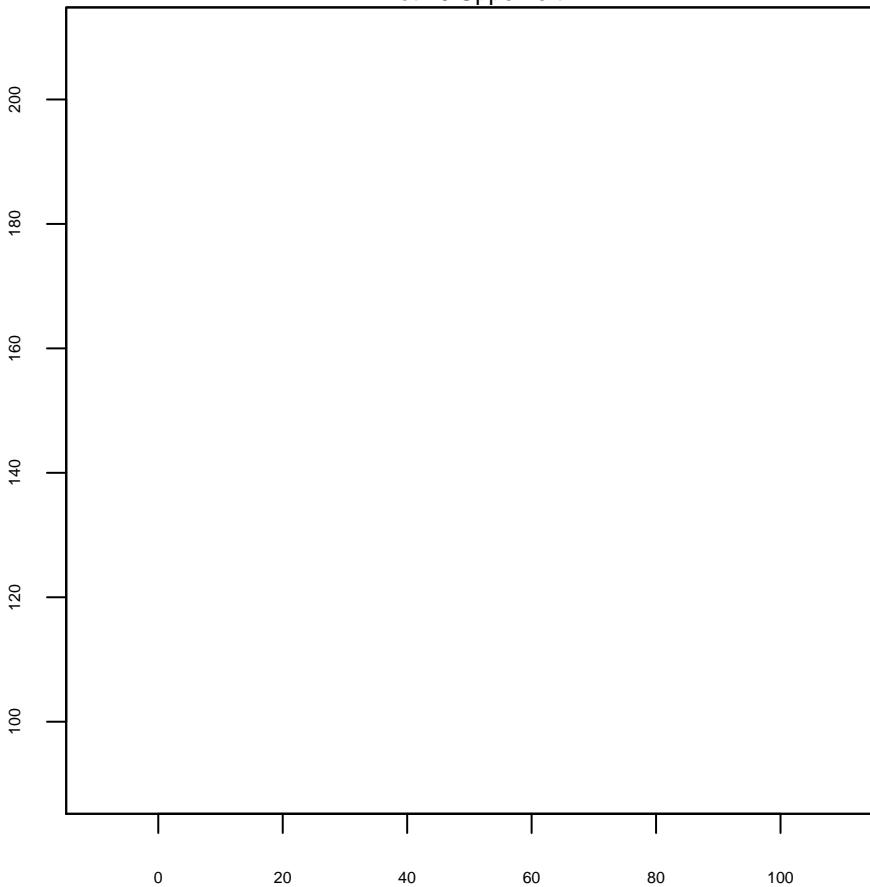
Plot 26 Lower left



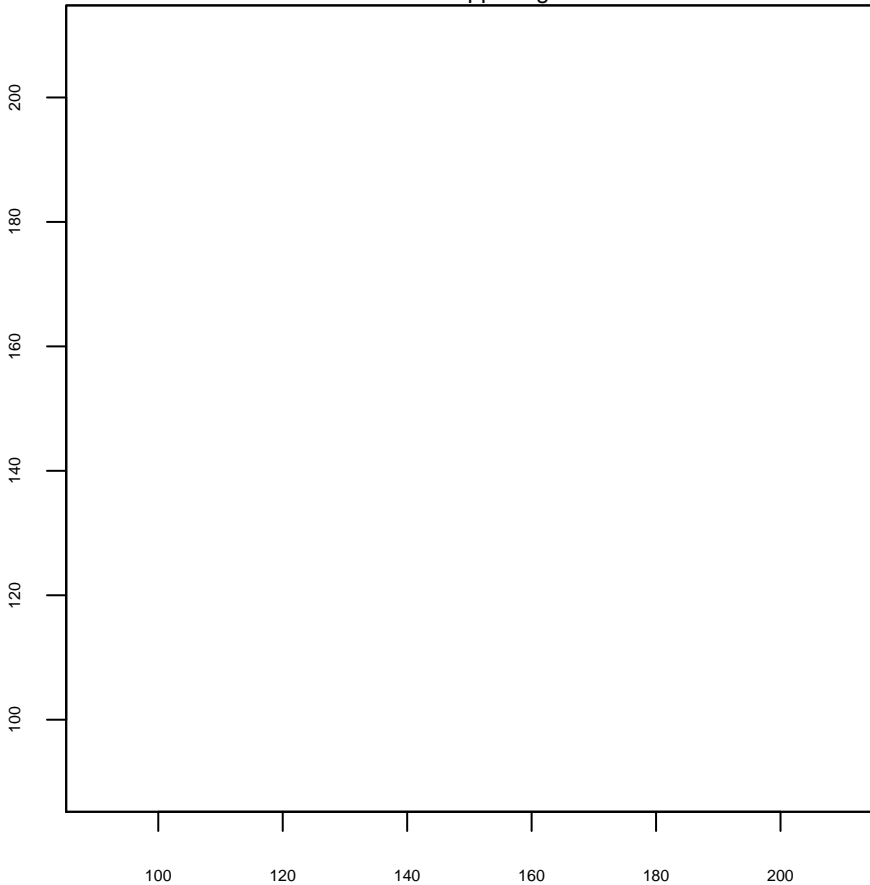
Plot 26 Lower right

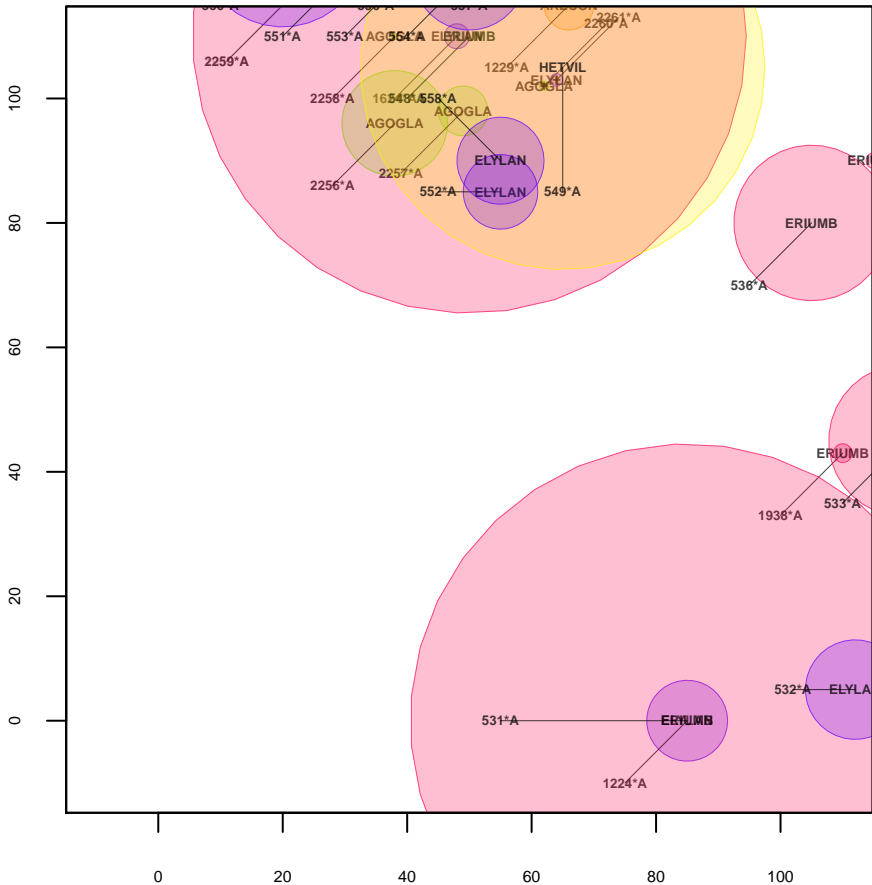


Plot 26 Upper left

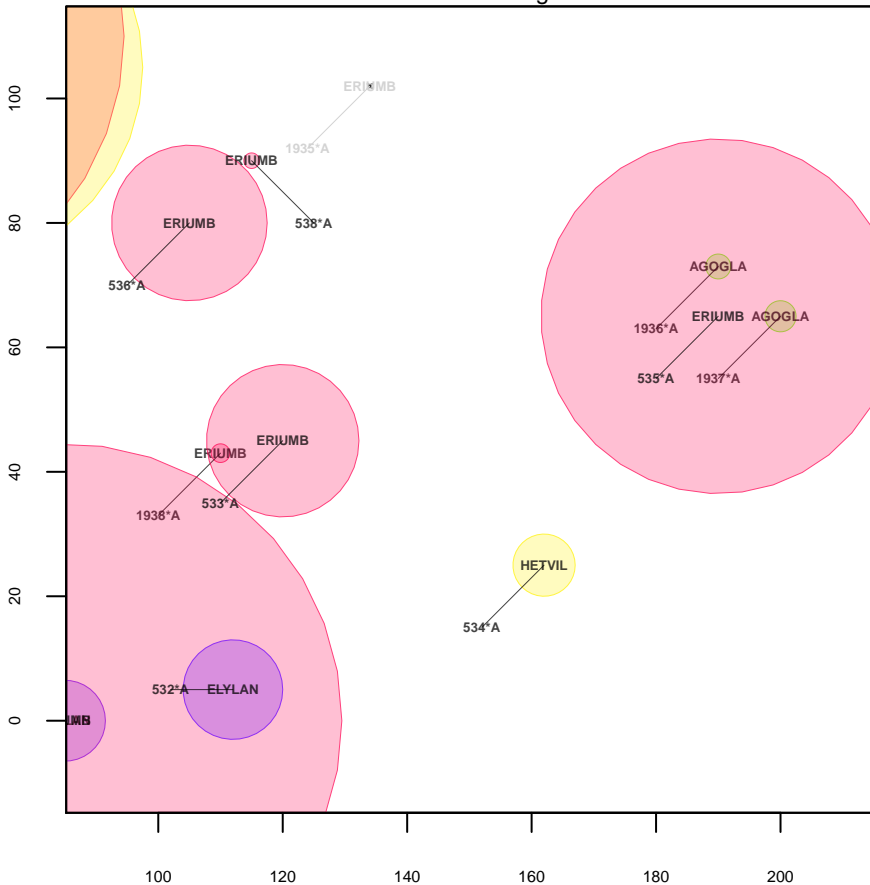


Plot 26 Upper right

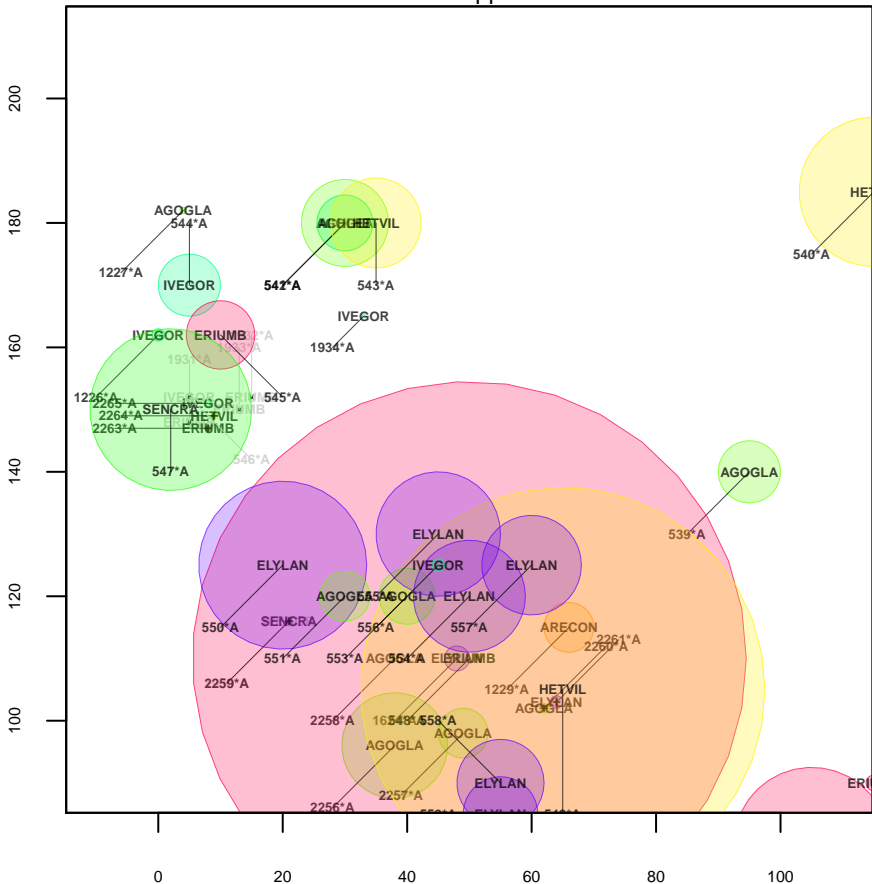




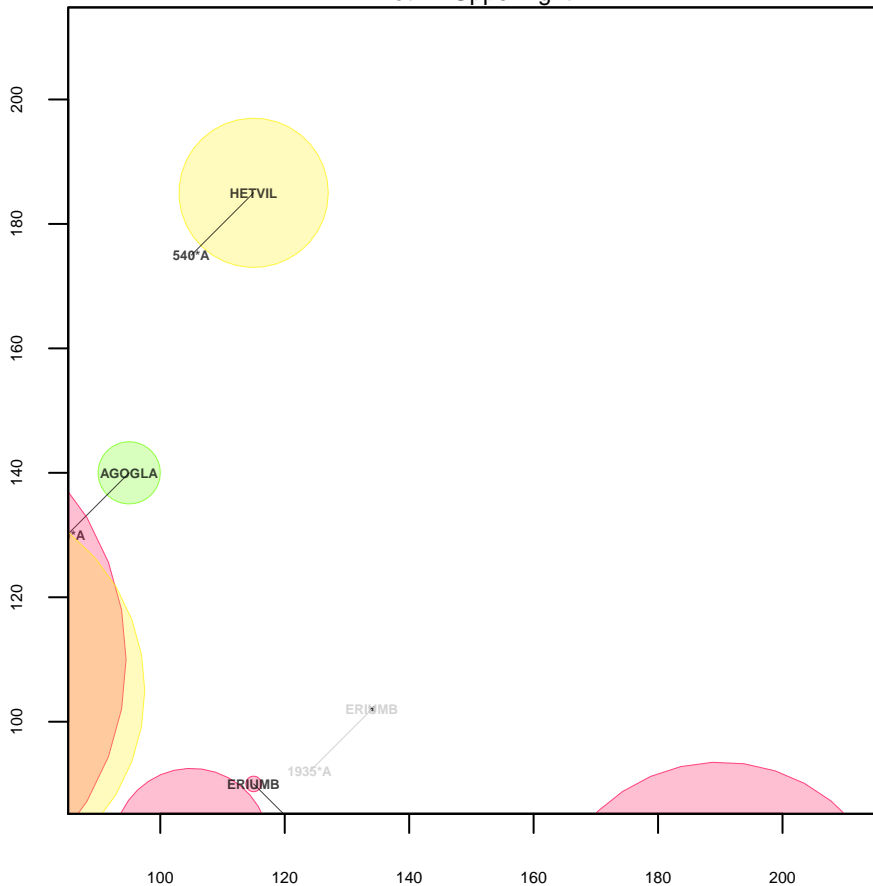
Plot 27 Lower right



Plot 27 Upper left



Plot 27 Upper right

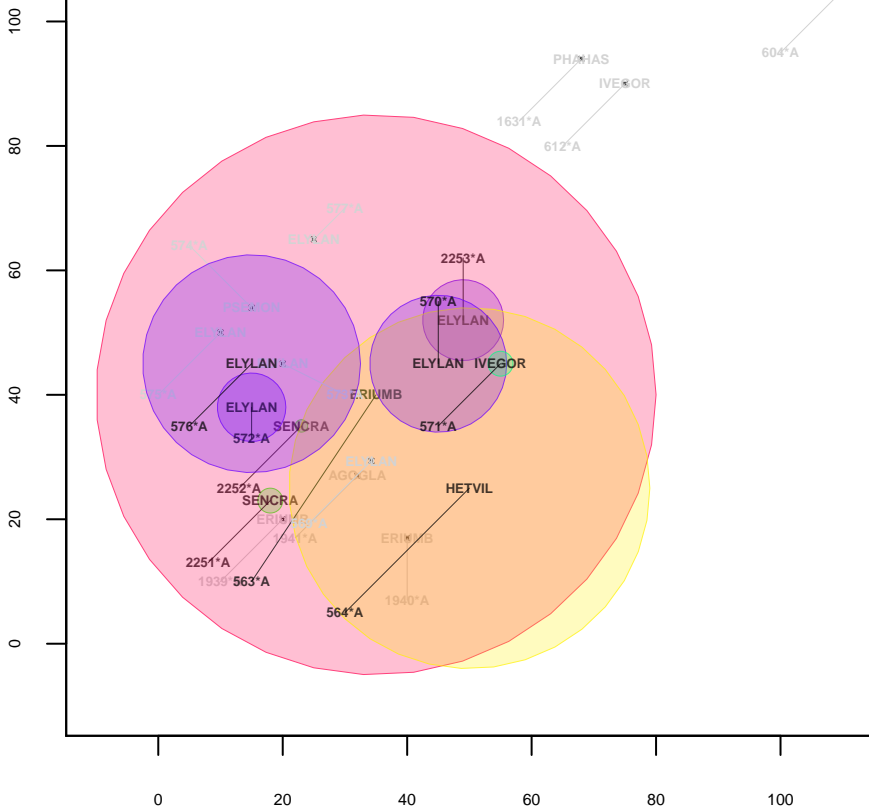


A complex Venn diagram illustrating the distribution of various taxa across multiple datasets. The diagram consists of several overlapping circles in shades of pink, purple, orange, and yellow. Taxa names are placed within or near the circles, often followed by a number and an asterisk (e.g., 576*A). Lines connect some taxa labels to their corresponding positions in the diagram.

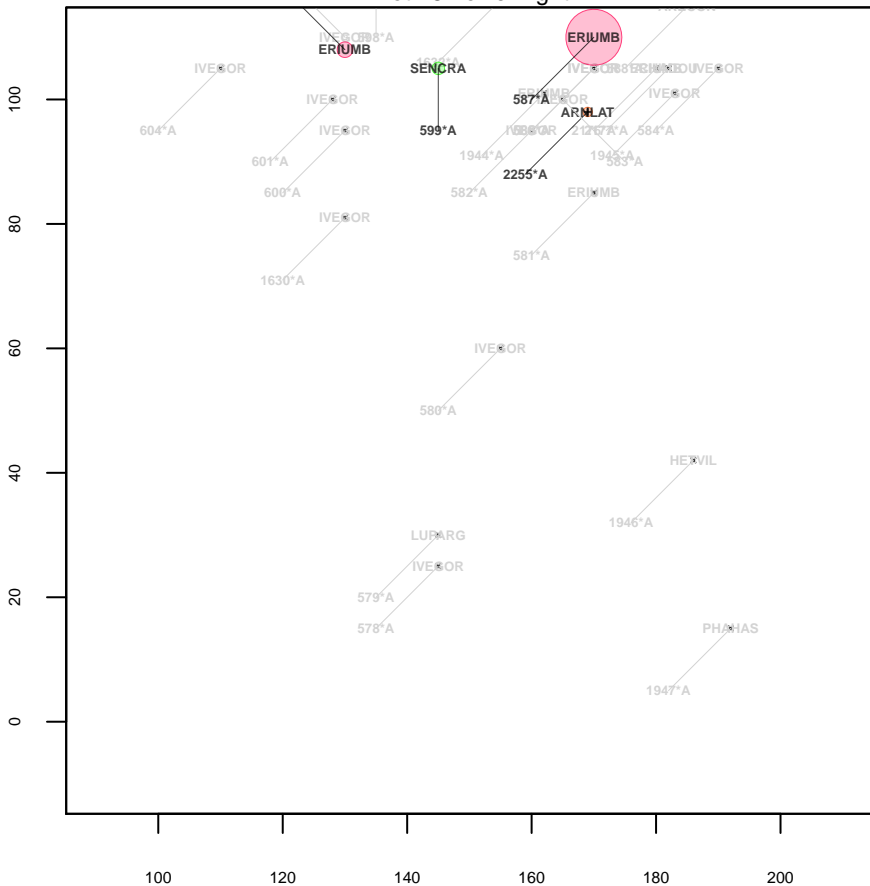
The taxa shown include:

- PHEGION**
- ELIXAN**
- ELYLAN**
- SENCRA**
- STERIUMB**
- AGOGLA**
- ERIMB**
- HETVIL**
- IVEGOR**
- PHASIS**
- 604*A**
- 1631*A**
- 612*A**
- 577*A**
- 574*A**
- 576*A**
- 572*A**
- 2252*A**
- 2251*A**
- 1938***
- 563*A**
- 564*A**
- 1940*A**
- 571*A**
- 570*A**
- 2253*A**

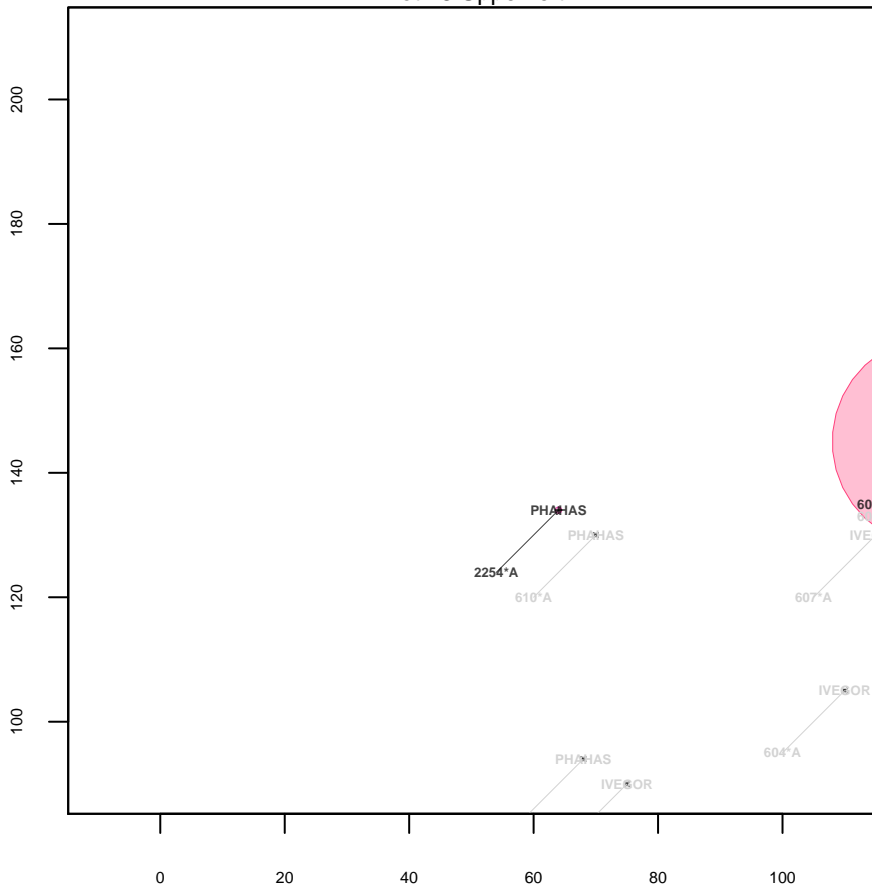
The x-axis at the bottom has tick marks at 0, 20, 40, 60, 80, and 100.



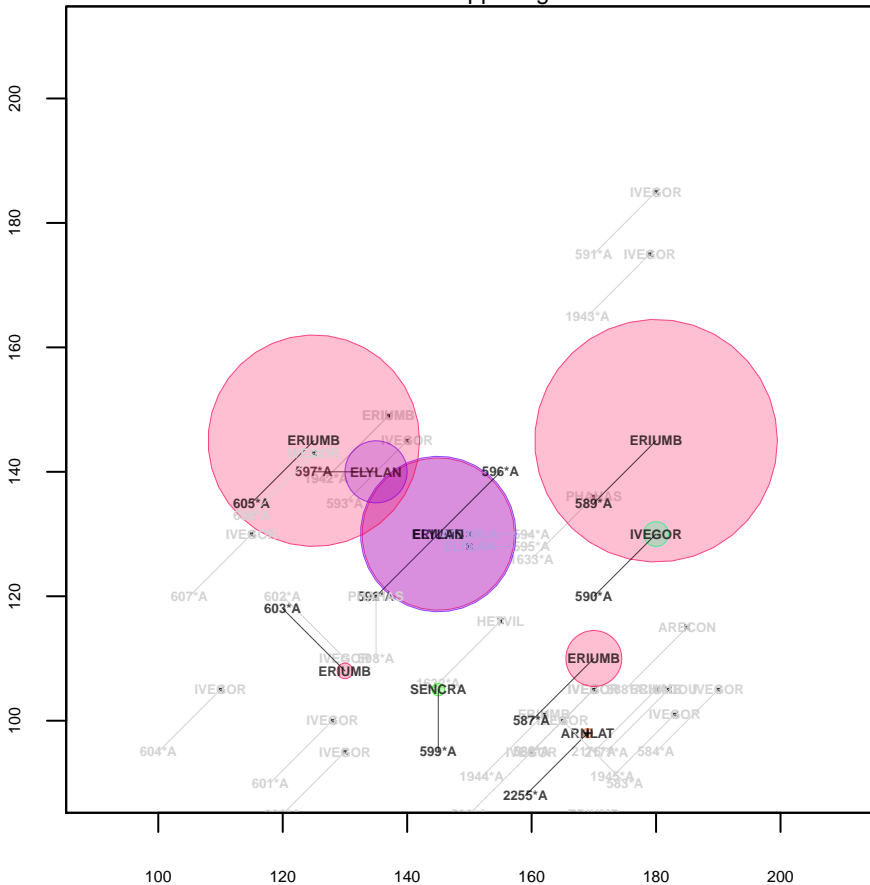
Plot 28 Lower right



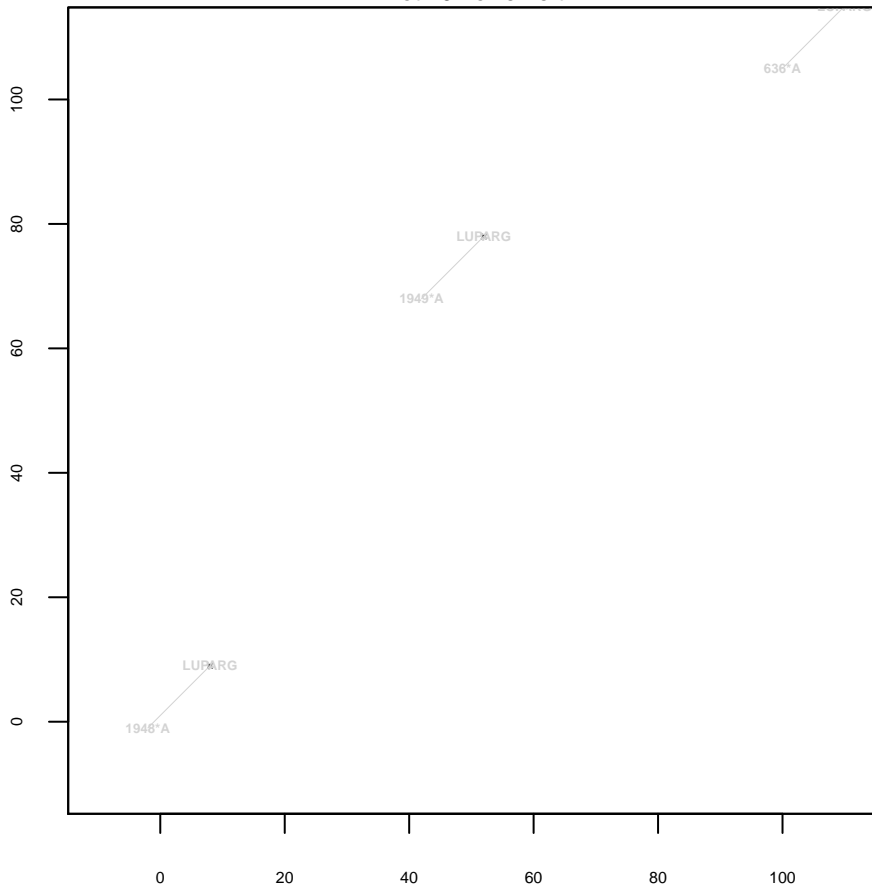
Plot 28 Upper left



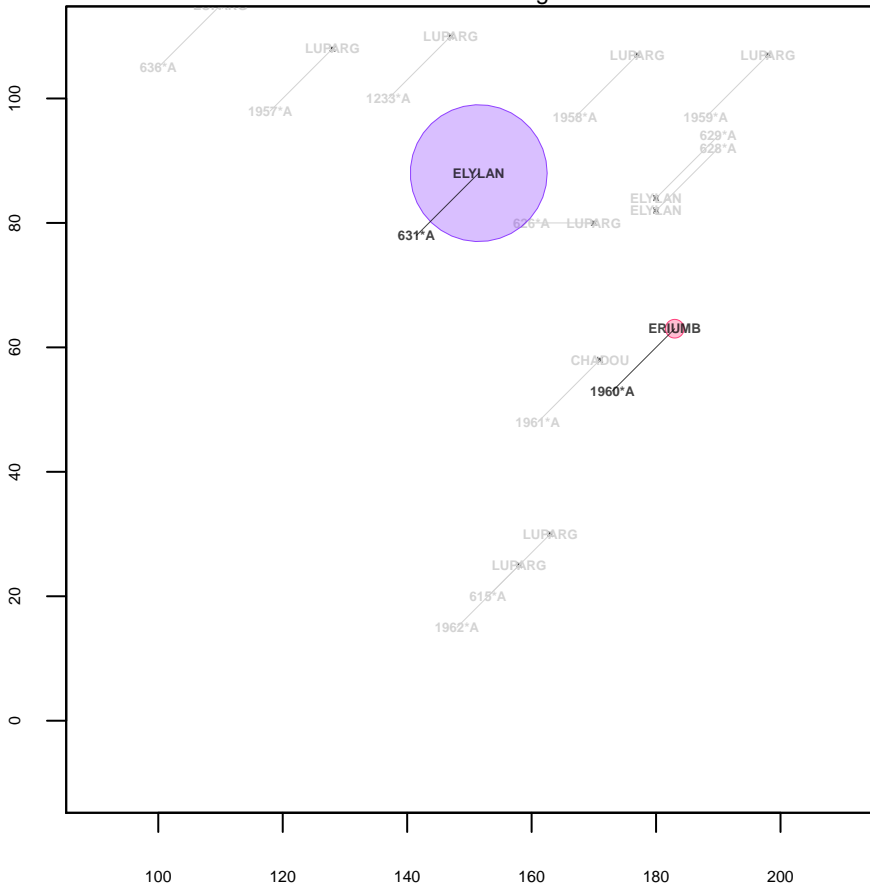
Plot 28 Upper right



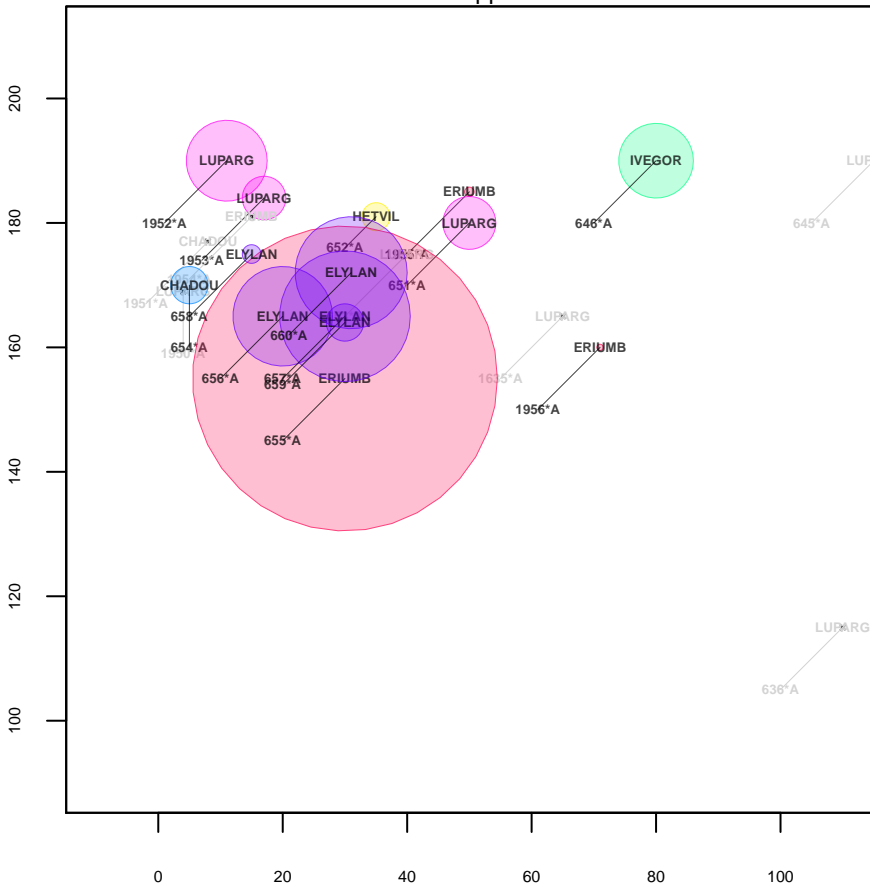
Plot 29 Lower left



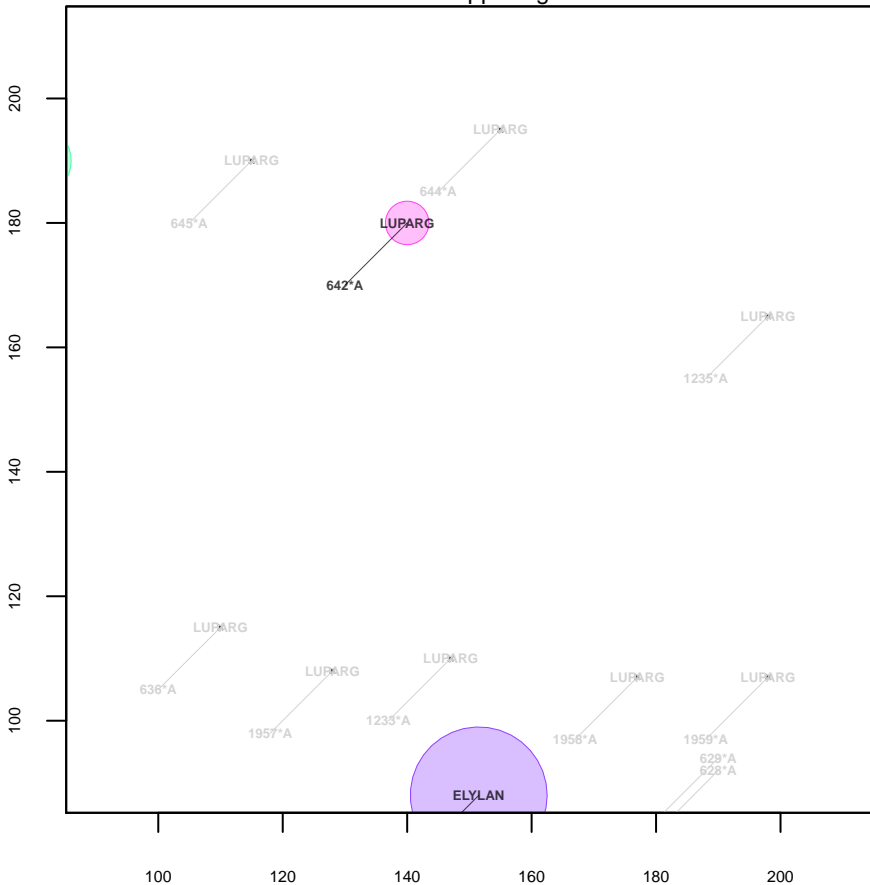
Plot 29 Lower right



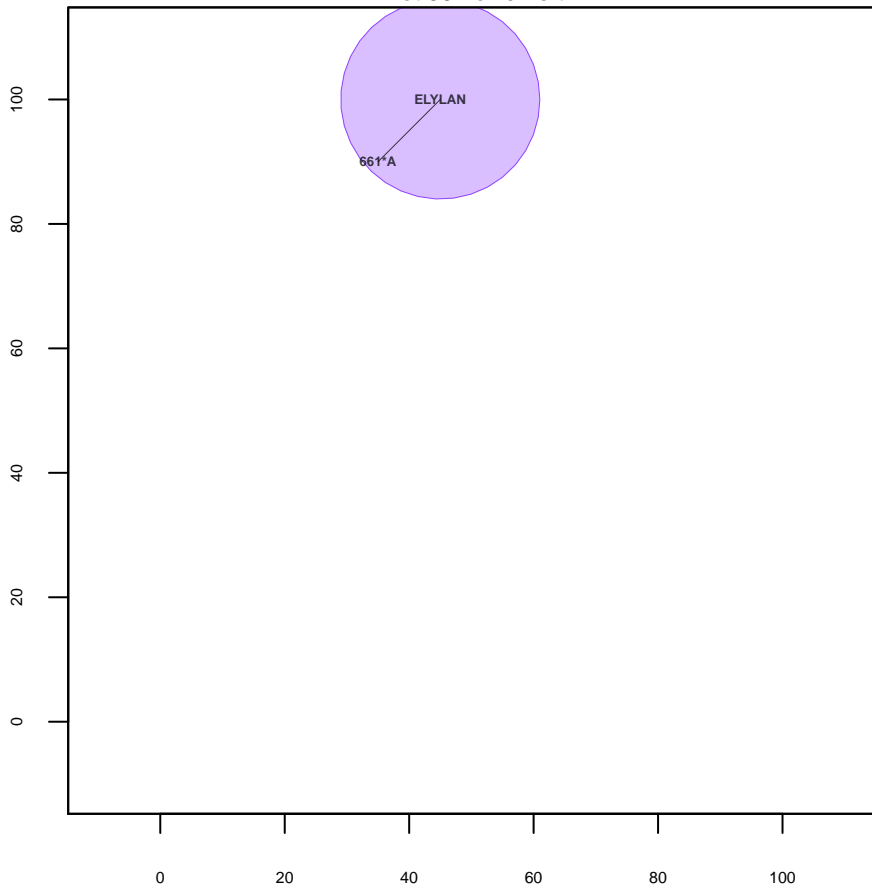
Plot 29 Upper left



Plot 29 Upper right



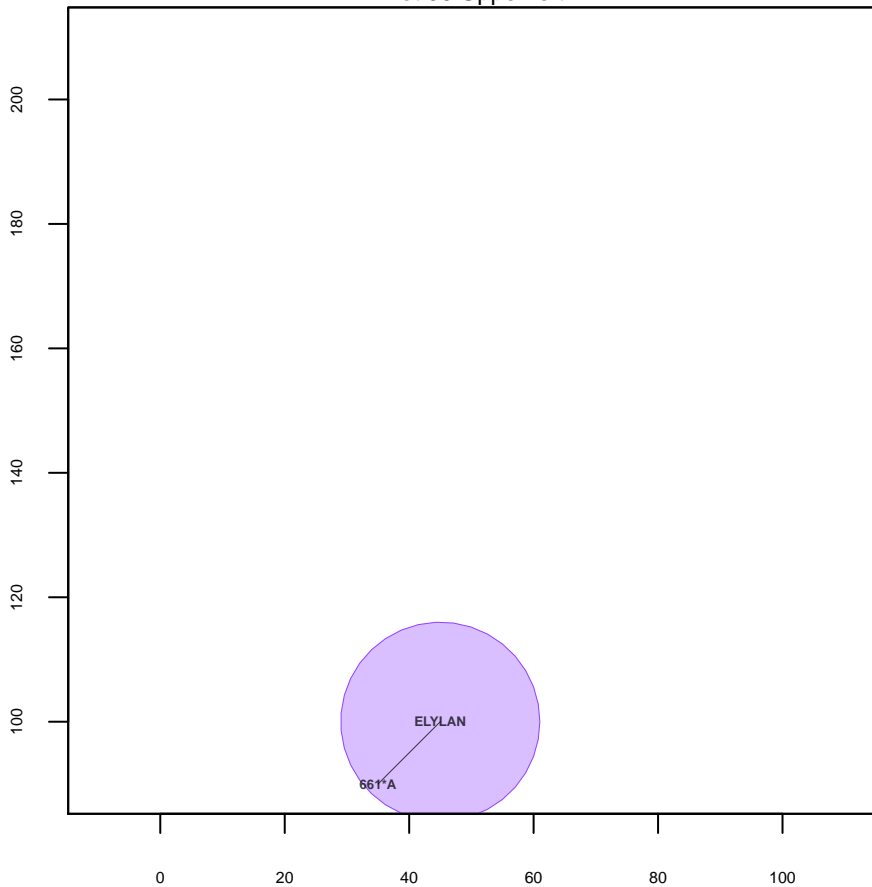
Plot 30 Lower left



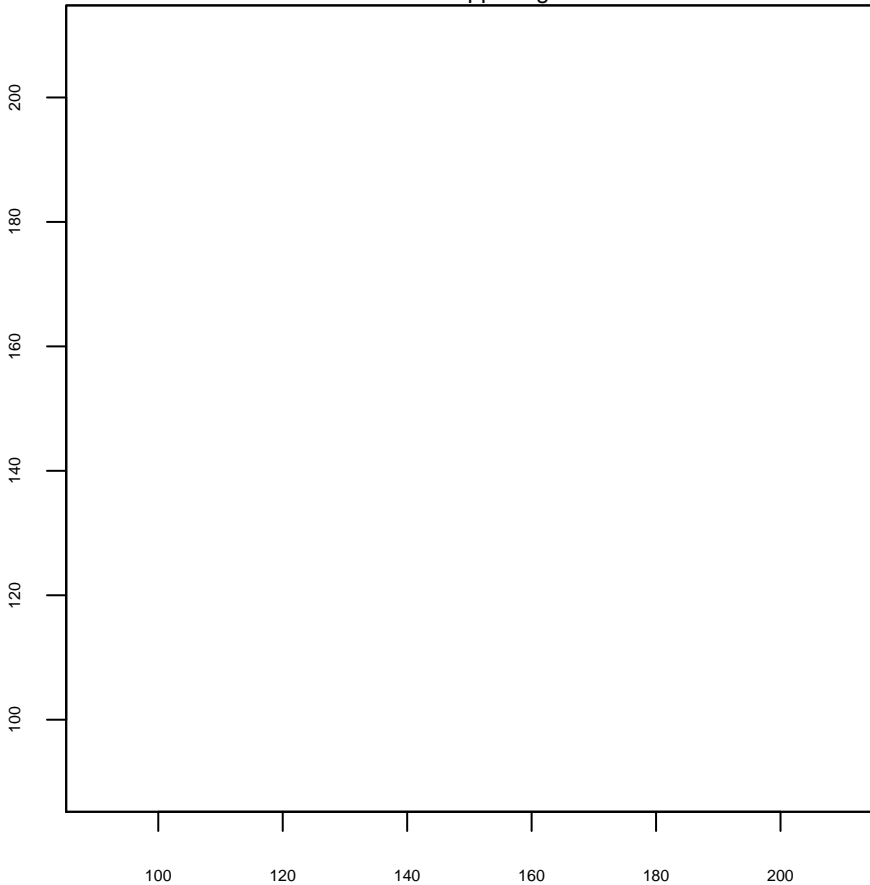
Plot 30 Lower right



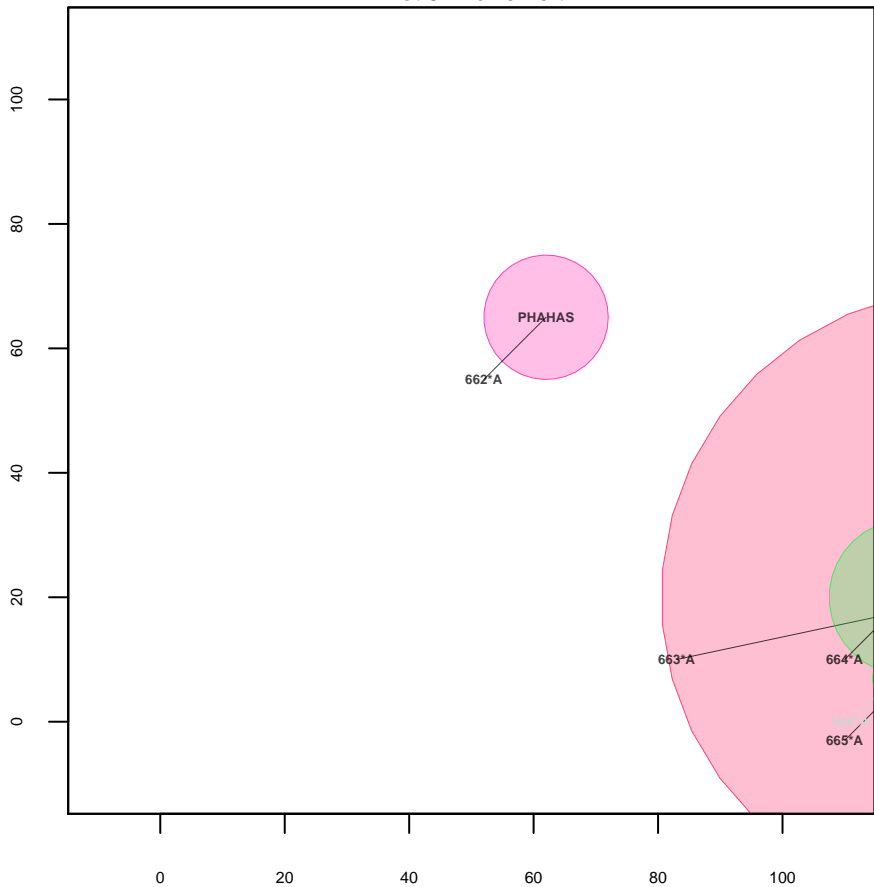
Plot 30 Upper left



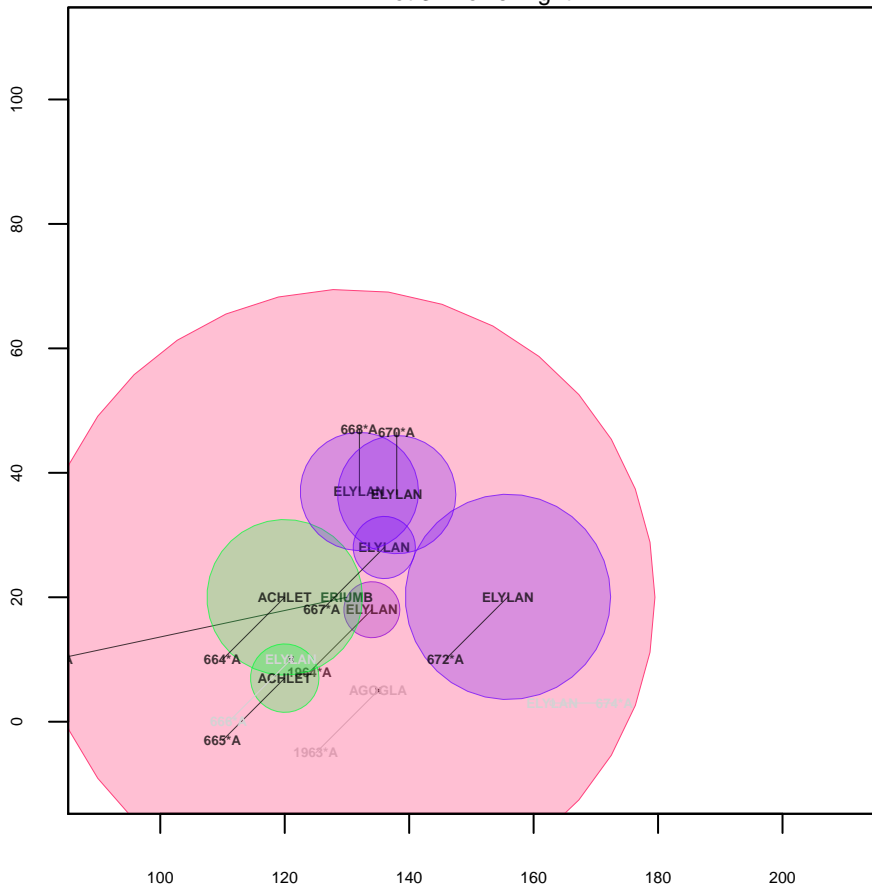
Plot 30 Upper right



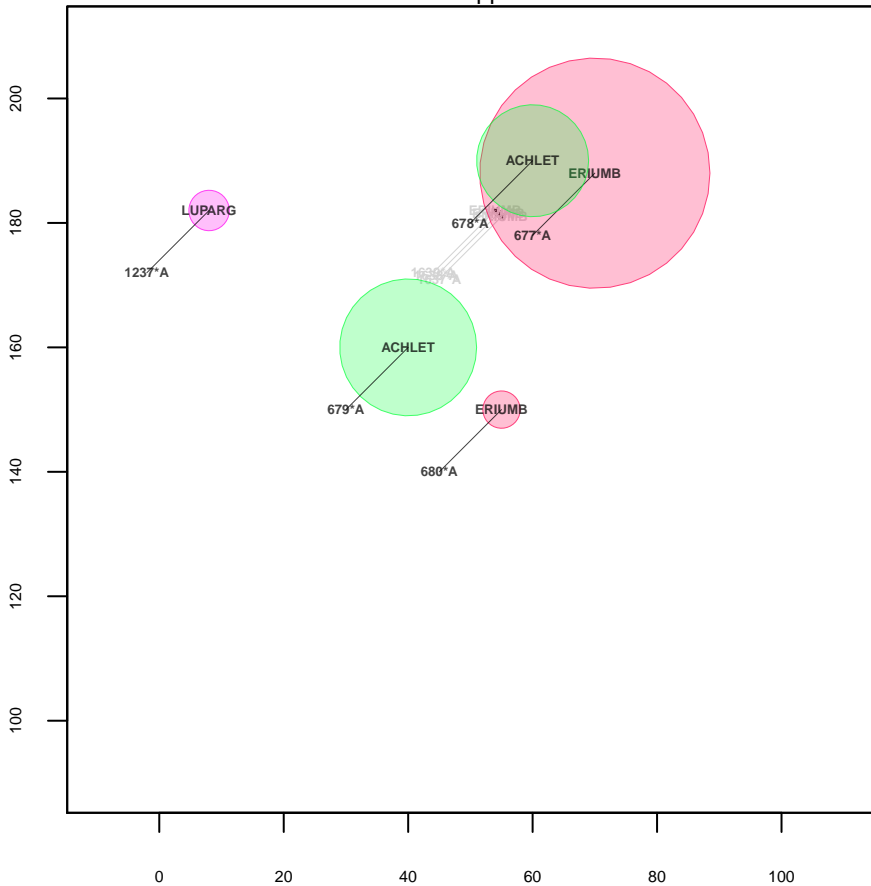
Plot 31 Lower left



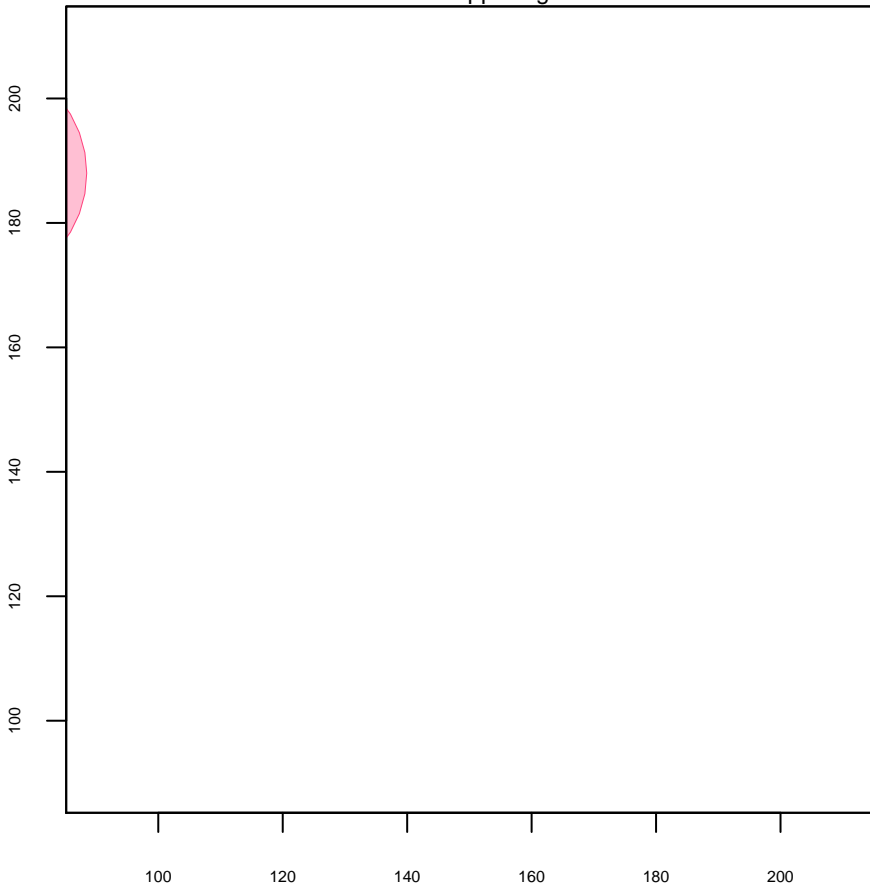
Plot 31 Lower right



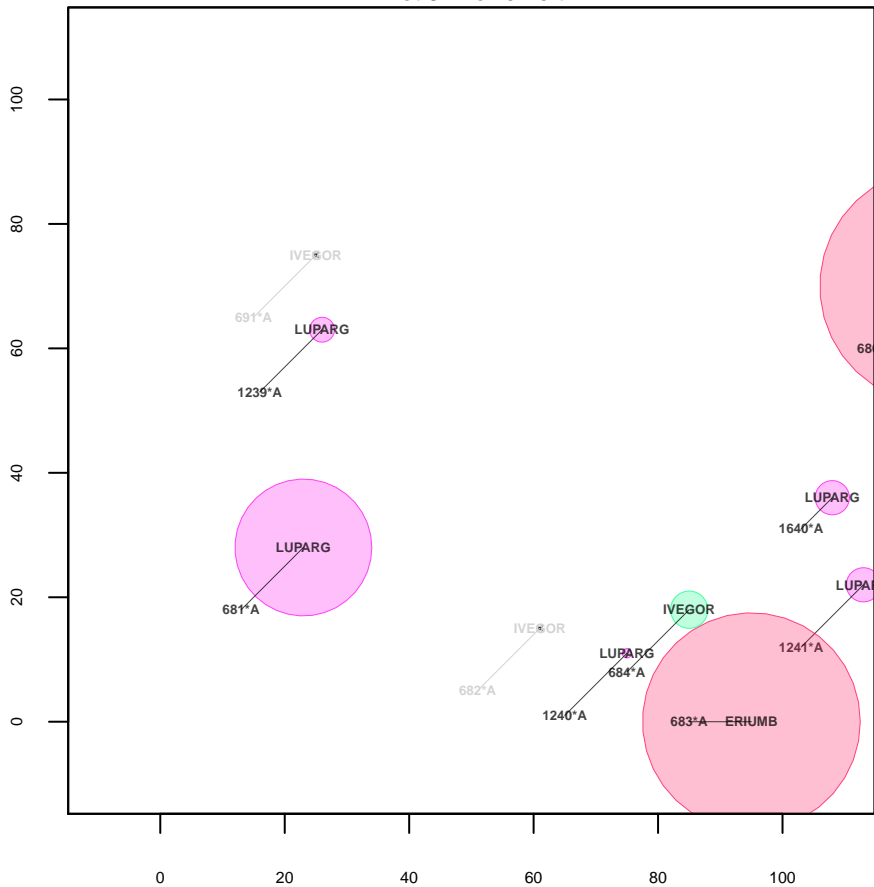
Plot 31 Upper left



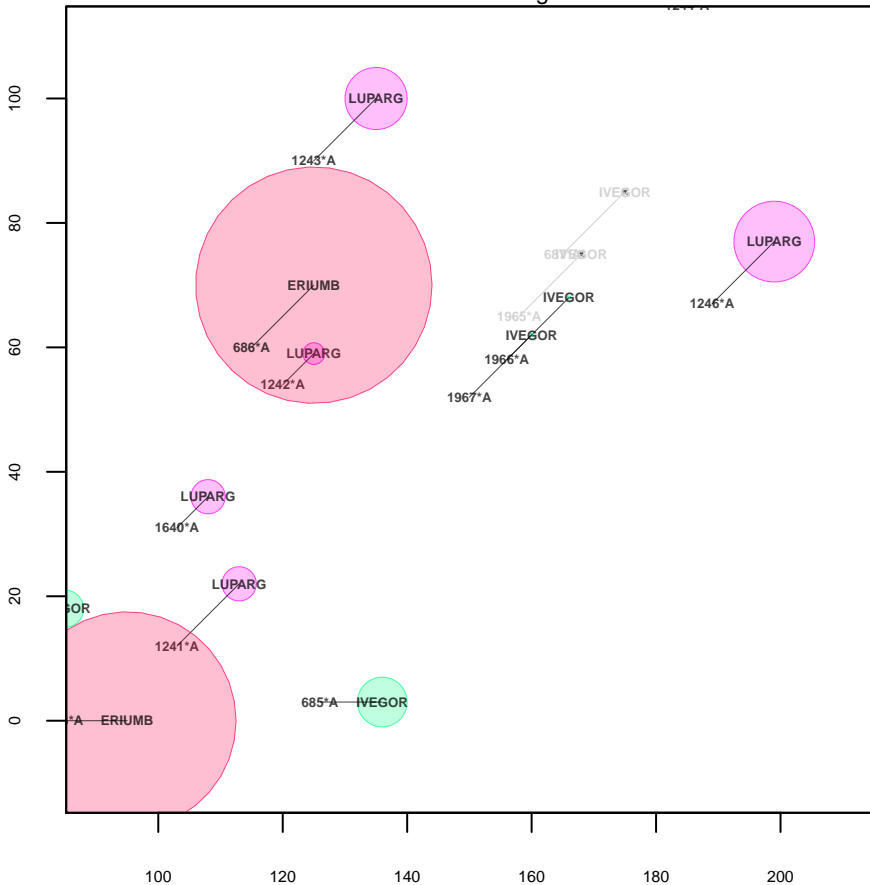
Plot 31 Upper right



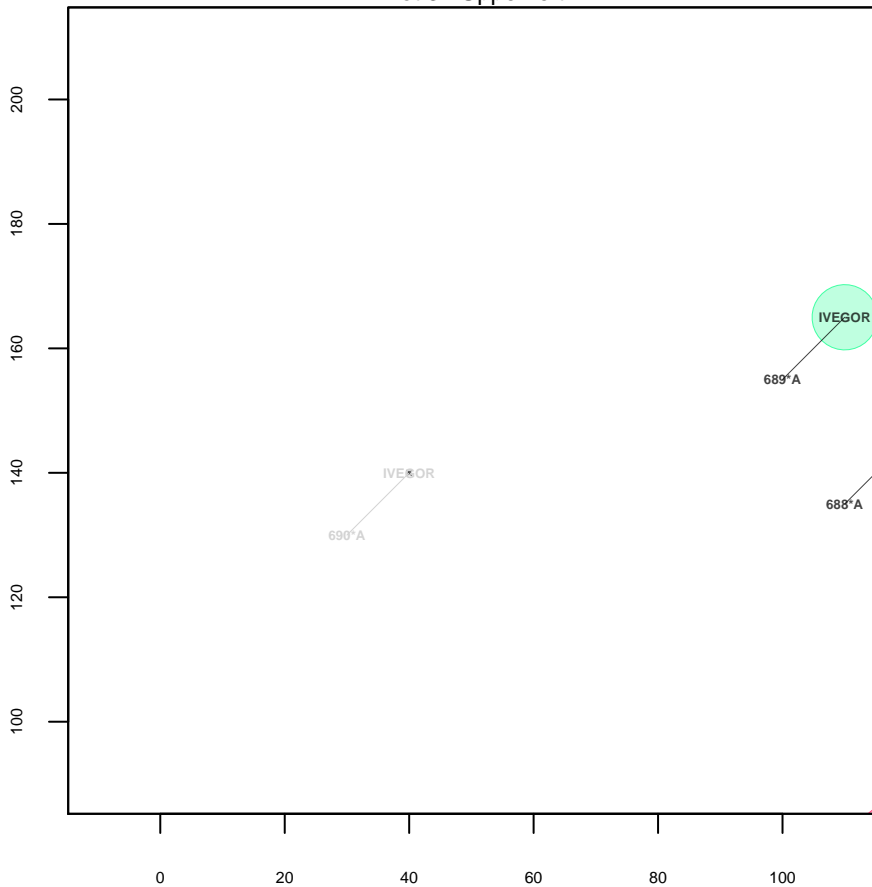
Plot 32 Lower left



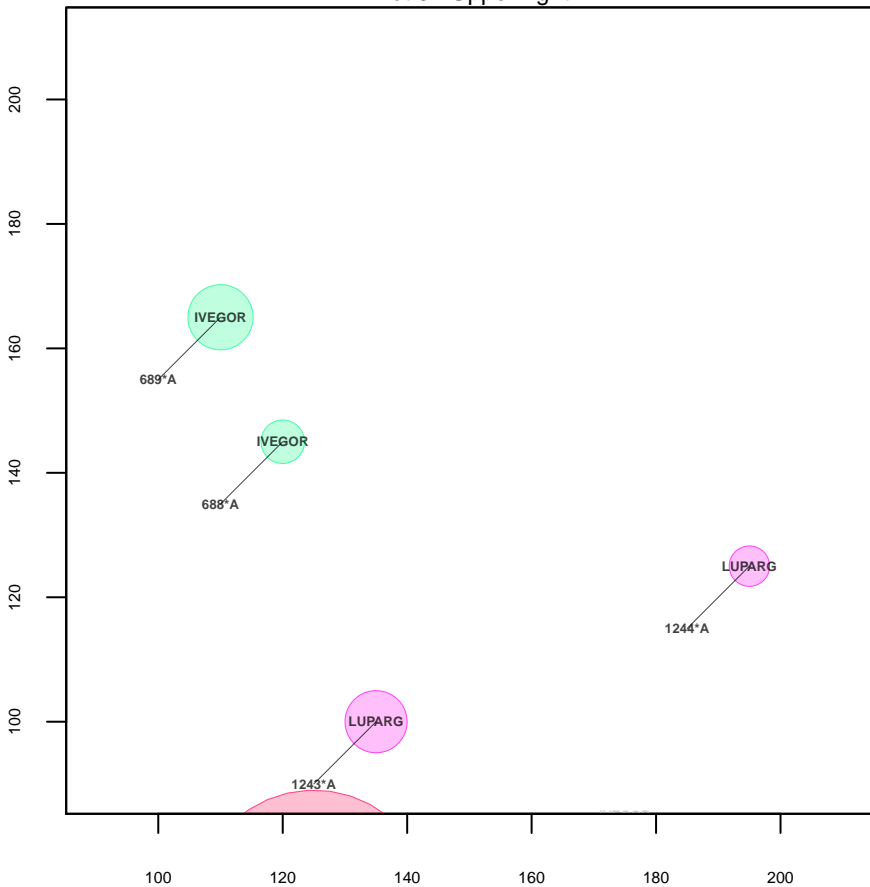
Plot 32 Lower right



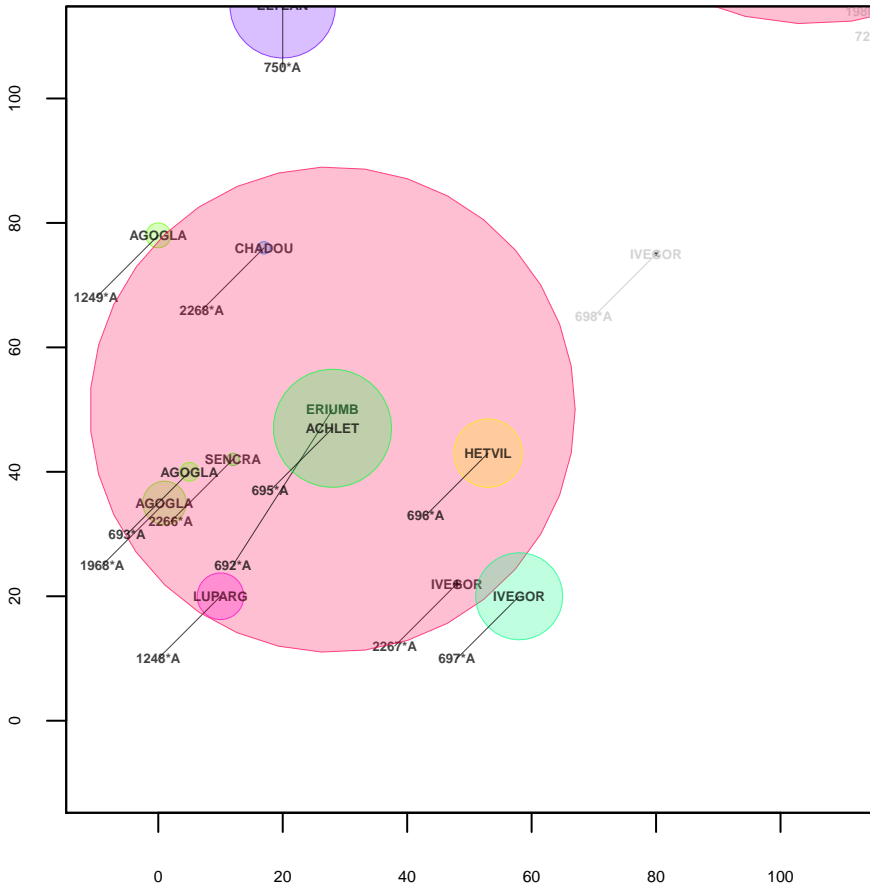
Plot 32 Upper left



Plot 32 Upper right

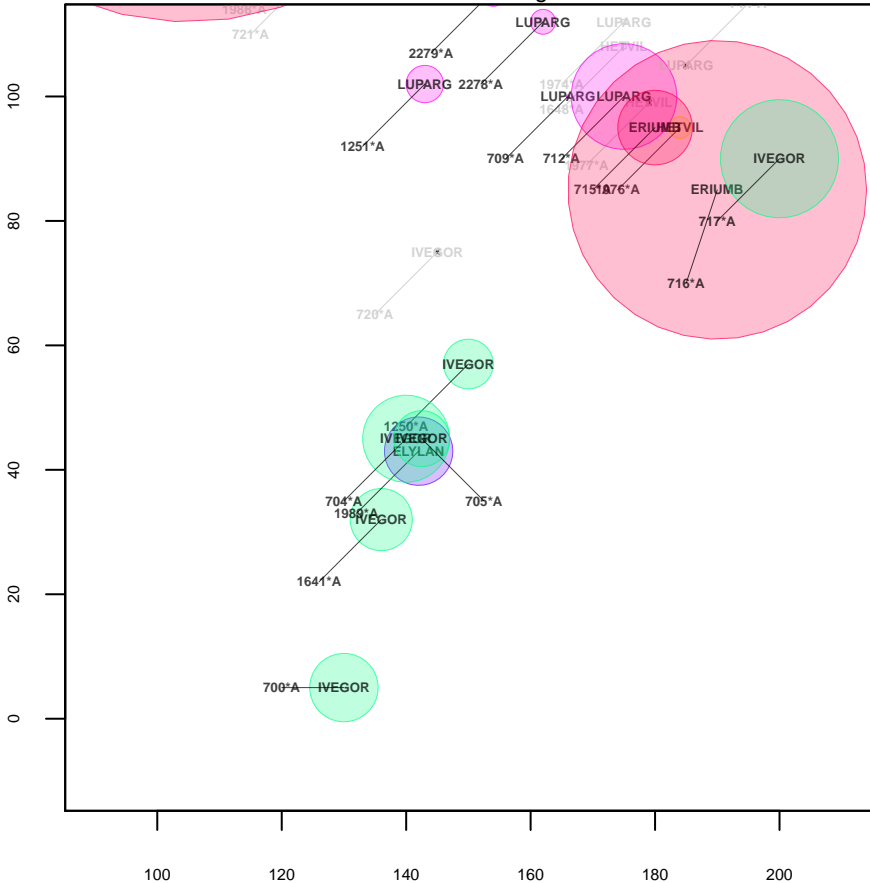


Plot 33 Lower left

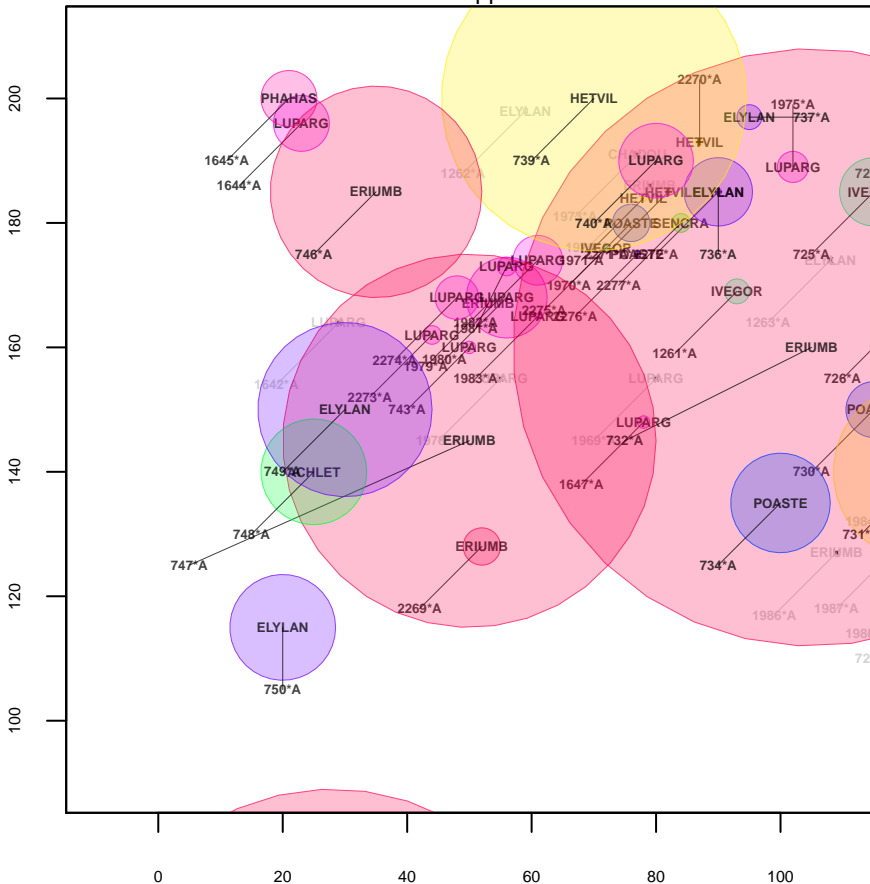


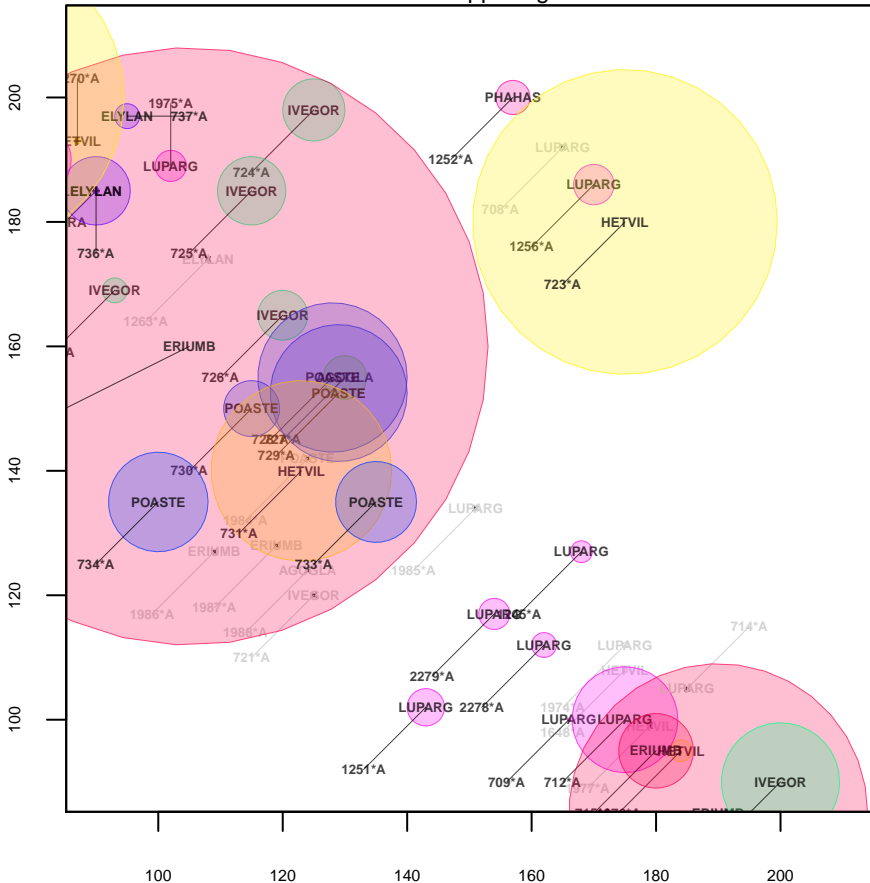
The bubble chart displays the relationship between the number of publications (x-axis) and the average age of authors (y-axis) for various research groups. The x-axis ranges from 100 to 200, and the y-axis ranges from 700 to 1900. Bubbles are labeled with group names and their average age. Lines connect bubbles of the same group, showing a trend. Groups include LUPARG, ERIUMB, ERIUMB-VIL, IVEGOR, and ELYLAN.

Group	Publications (x)	Average Age (y)
LUPARG	125	1900
LUPARG	140	1850
LUPARG	160	1800
LUPARG	170	1750
LUPARG	175	1700
LUPARG	180	1650
LUPARG	185	1600
LUPARG	190	1550
LUPARG	195	1500
LUPARG	200	1450
ERIUMB	170	1700
ERIUMB	180	1650
ERIUMB	190	1600
ERIUMB	200	1550
ERIUMB	210	1500
ERIUMB	220	1450
ERIUMB	230	1400
ERIUMB	240	1350
ERIUMB	250	1300
ERIUMB	260	1250
ERIUMB	270	1200
ERIUMB	280	1150
ERIUMB	290	1100
ERIUMB	300	1050
ERIUMB	310	1000
ERIUMB	320	950
ERIUMB	330	900
ERIUMB	340	850
ERIUMB	350	800
ERIUMB	360	750
ERIUMB	370	700
ERIUMB	380	650
ERIUMB	390	600
ERIUMB	400	550
ERIUMB	410	500
ERIUMB	420	450
ERIUMB	430	400
ERIUMB	440	350
ERIUMB	450	300
ERIUMB	460	250
ERIUMB	470	200
ERIUMB	480	150
ERIUMB	490	100
ERIUMB	500	50
ERIUMB	510	0
ERIUMB	520	-50
ERIUMB	530	-100
ERIUMB	540	-150
ERIUMB	550	-200
ERIUMB	560	-250
ERIUMB	570	-300
ERIUMB	580	-350
ERIUMB	590	-400
ERIUMB	600	-450
ERIUMB	610	-500
ERIUMB	620	-550
ERIUMB	630	-600
ERIUMB	640	-650
ERIUMB	650	-700
ERIUMB	660	-750
ERIUMB	670	-800
ERIUMB	680	-850
ERIUMB	690	-900
ERIUMB	700	-950
ERIUMB	710	-1000
ERIUMB	720	-1050
ERIUMB	730	-1100
ERIUMB	740	-1150
ERIUMB	750	-1200
ERIUMB	760	-1250
ERIUMB	770	-1300
ERIUMB	780	-1350
ERIUMB	790	-1400
ERIUMB	800	-1450
ERIUMB	810	-1500
ERIUMB	820	-1550
ERIUMB	830	-1600
ERIUMB	840	-1650
ERIUMB	850	-1700
ERIUMB	860	-1750
ERIUMB	870	-1800
ERIUMB	880	-1850
ERIUMB	890	-1900
ERIUMB	900	-1950
ERIUMB	910	-2000
ERIUMB	920	-2050
ERIUMB	930	-2100
ERIUMB	940	-2150
ERIUMB	950	-2200
ERIUMB	960	-2250
ERIUMB	970	-2300
ERIUMB	980	-2350
ERIUMB	990	-2400
ERIUMB	1000	-2450
ERIUMB	1010	-2500
ERIUMB	1020	-2550
ERIUMB	1030	-2600
ERIUMB	1040	-2650
ERIUMB	1050	-2700
ERIUMB	1060	-2750
ERIUMB	1070	-2800
ERIUMB	1080	-2850
ERIUMB	1090	-2900
ERIUMB	1100	-2950
ERIUMB	1110	-3000
ERIUMB	1120	-3050
ERIUMB	1130	-3100
ERIUMB	1140	-3150
ERIUMB	1150	-3200
ERIUMB	1160	-3250
ERIUMB	1170	-3300
ERIUMB	1180	-3350
ERIUMB	1190	-3400

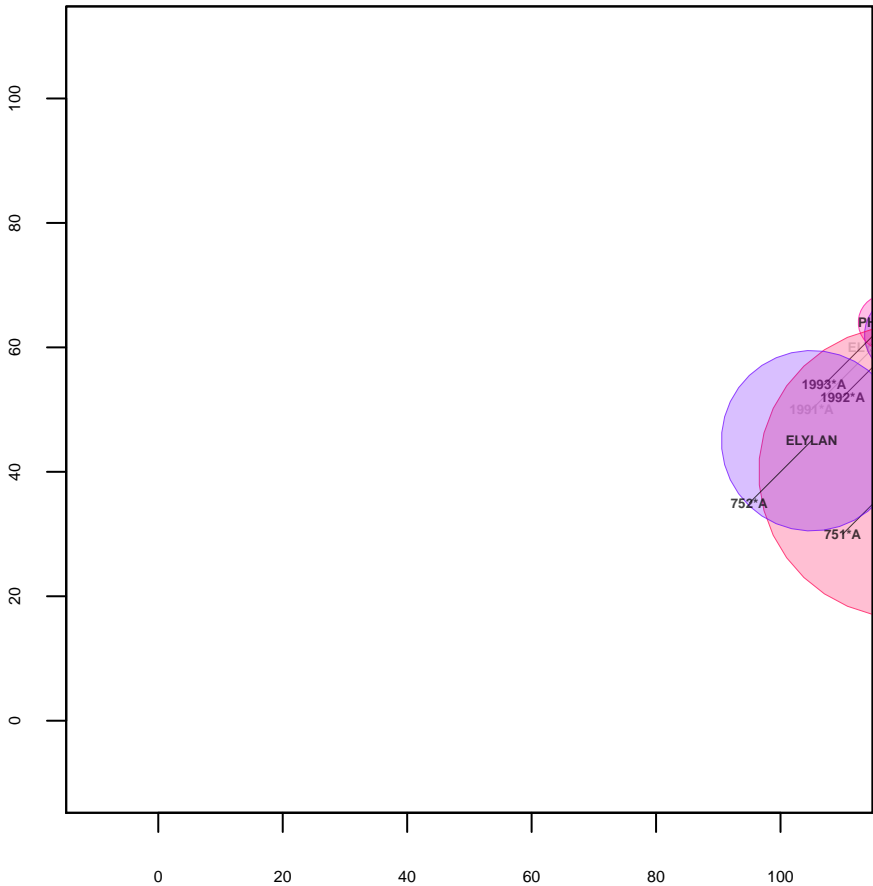


Plot 33 Upper left

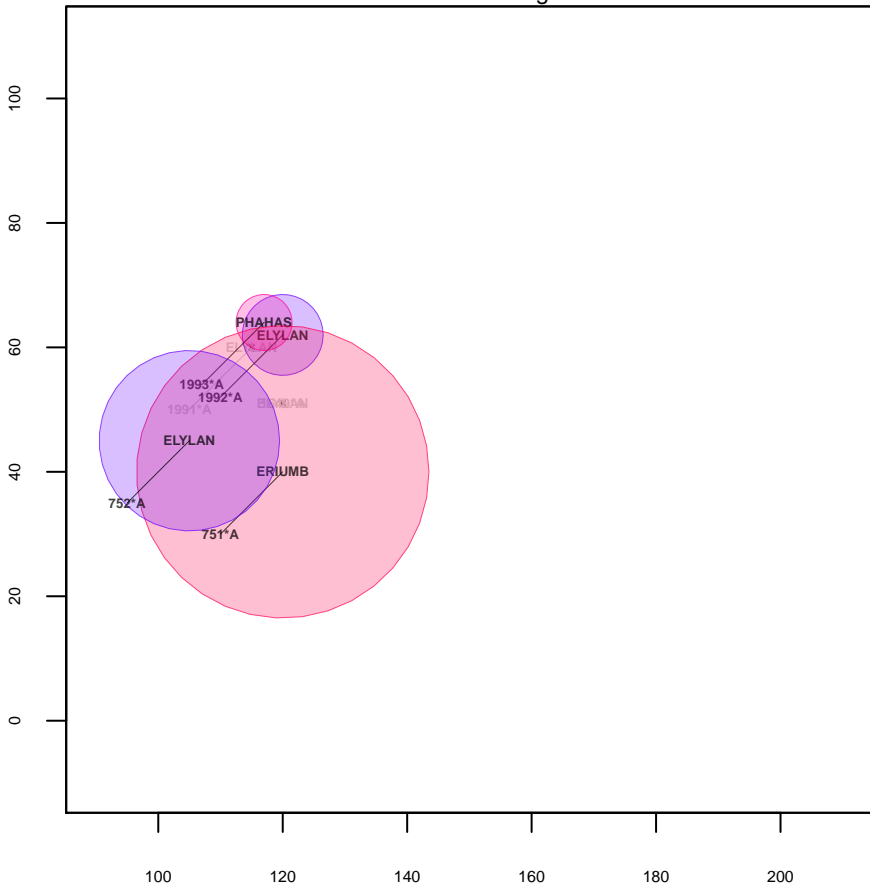




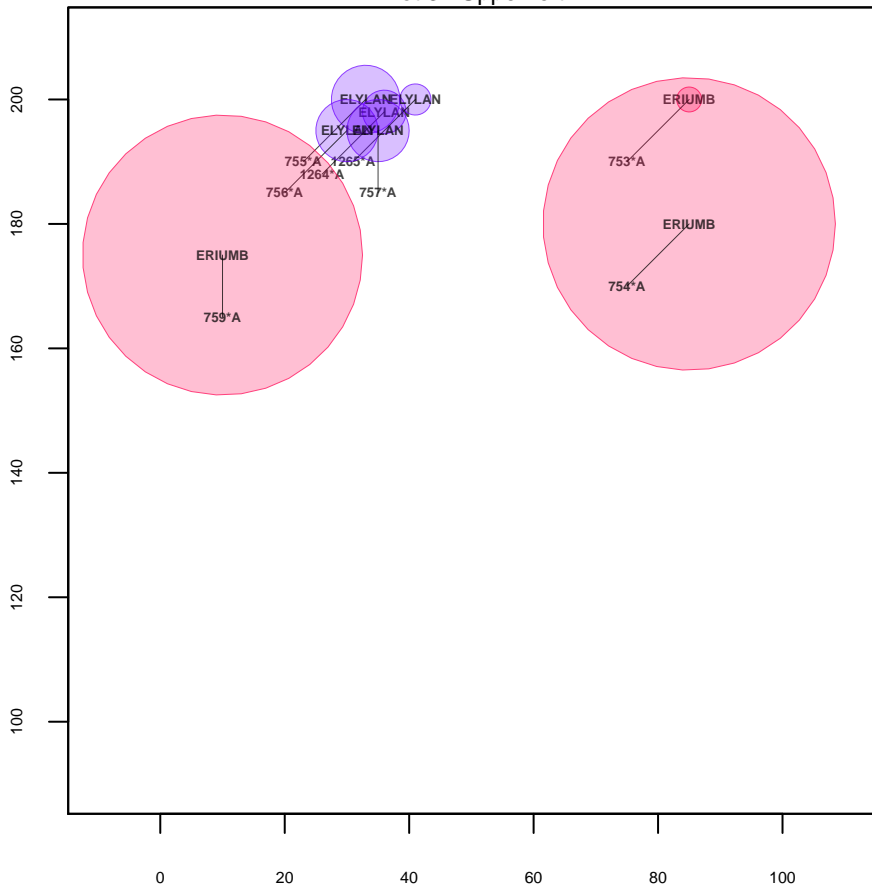
Plot 34 Lower left



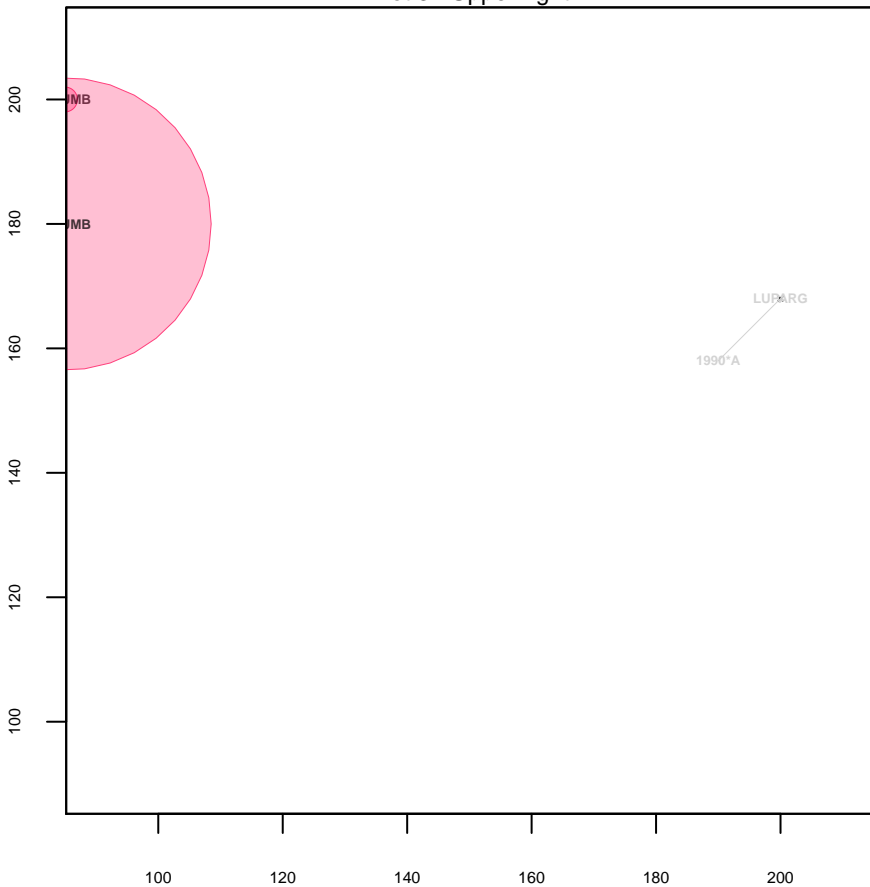
Plot 34 Lower right



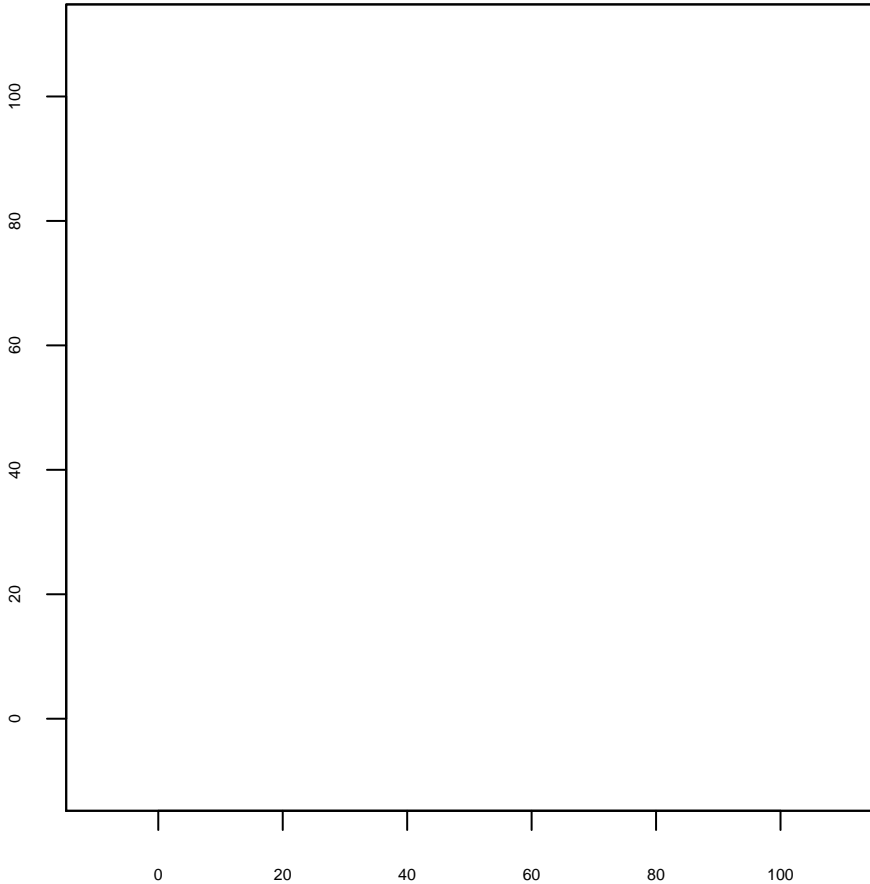
Plot 34 Upper left



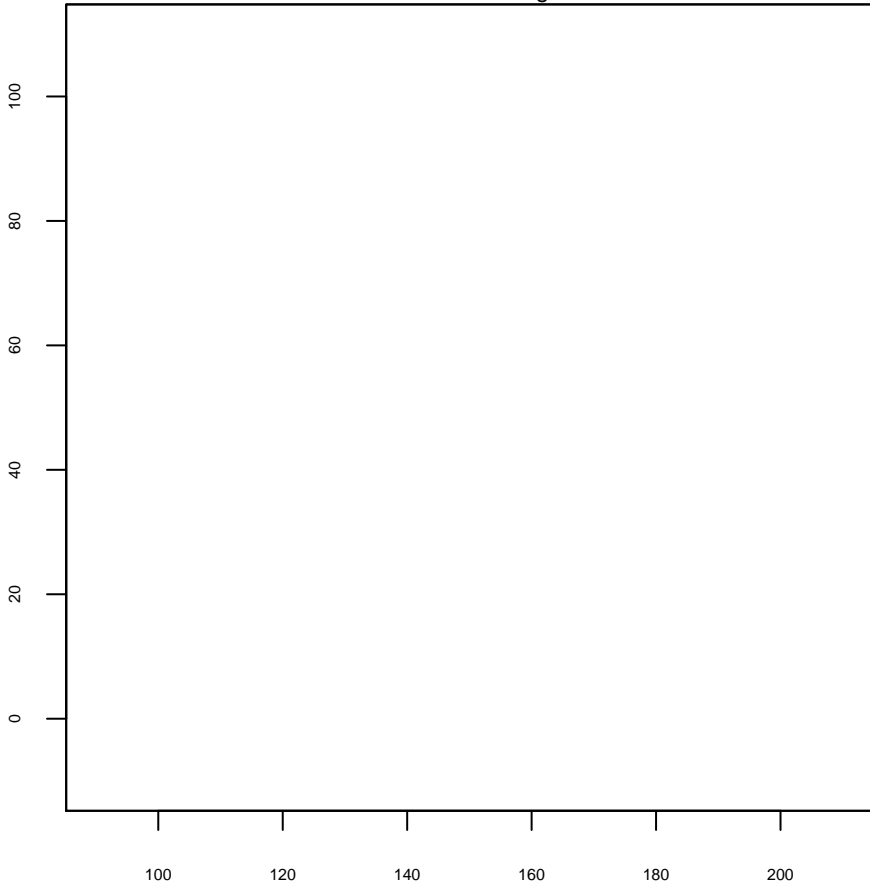
Plot 34 Upper right



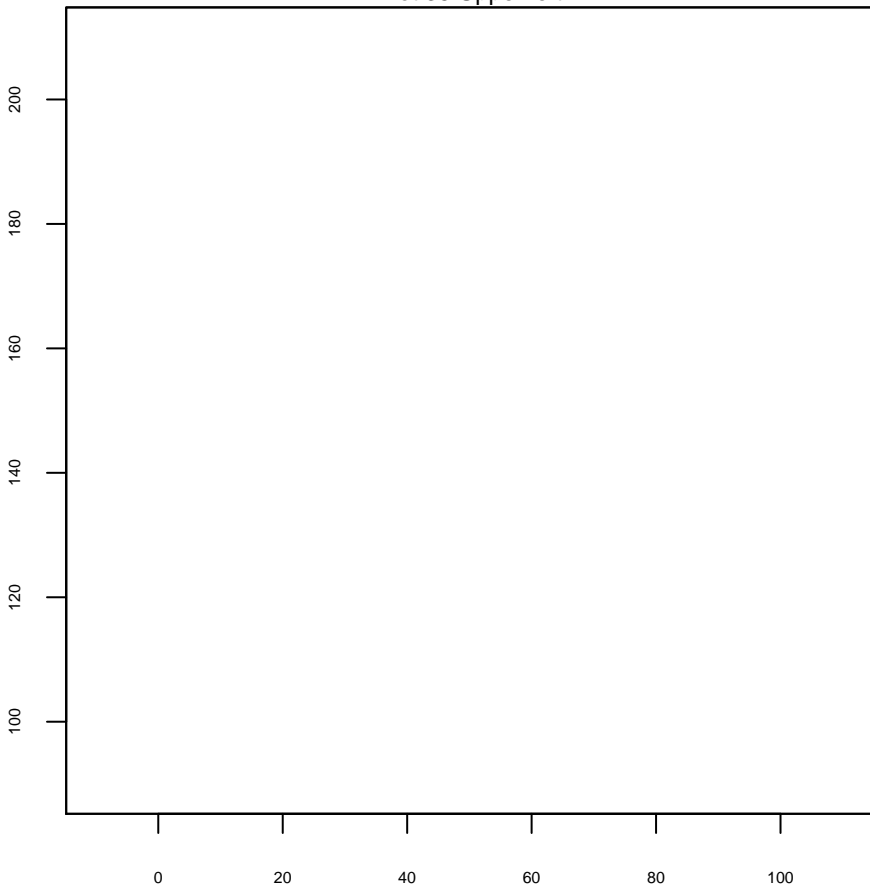
Plot 35 Lower left



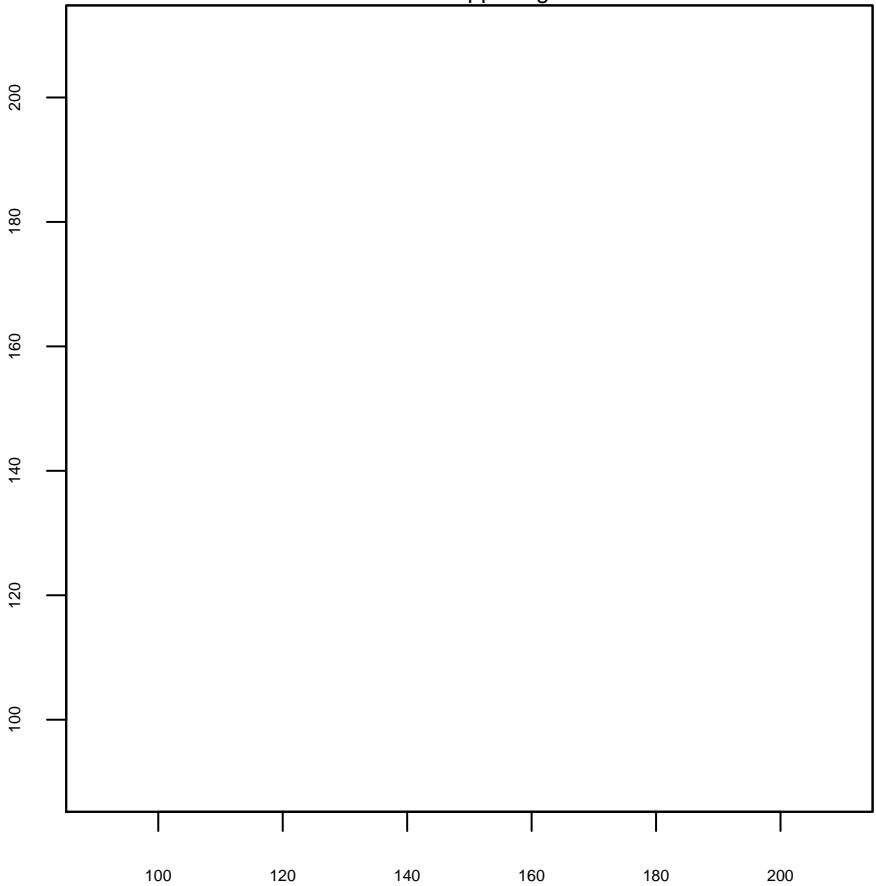
Plot 35 Lower right



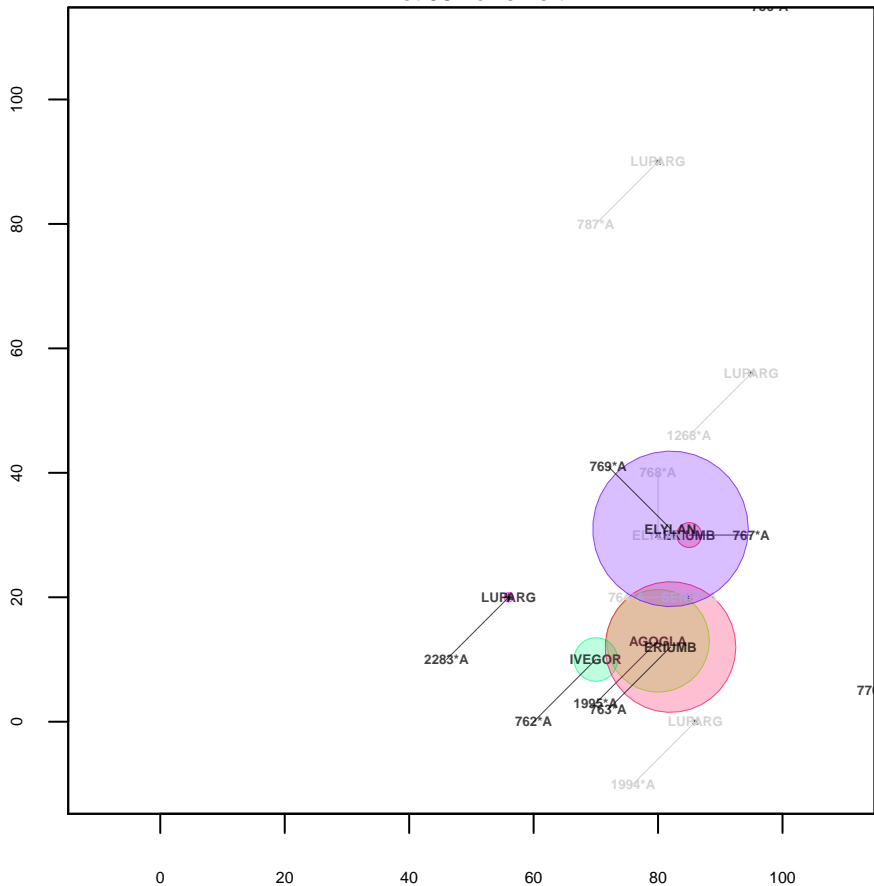
Plot 35 Upper left



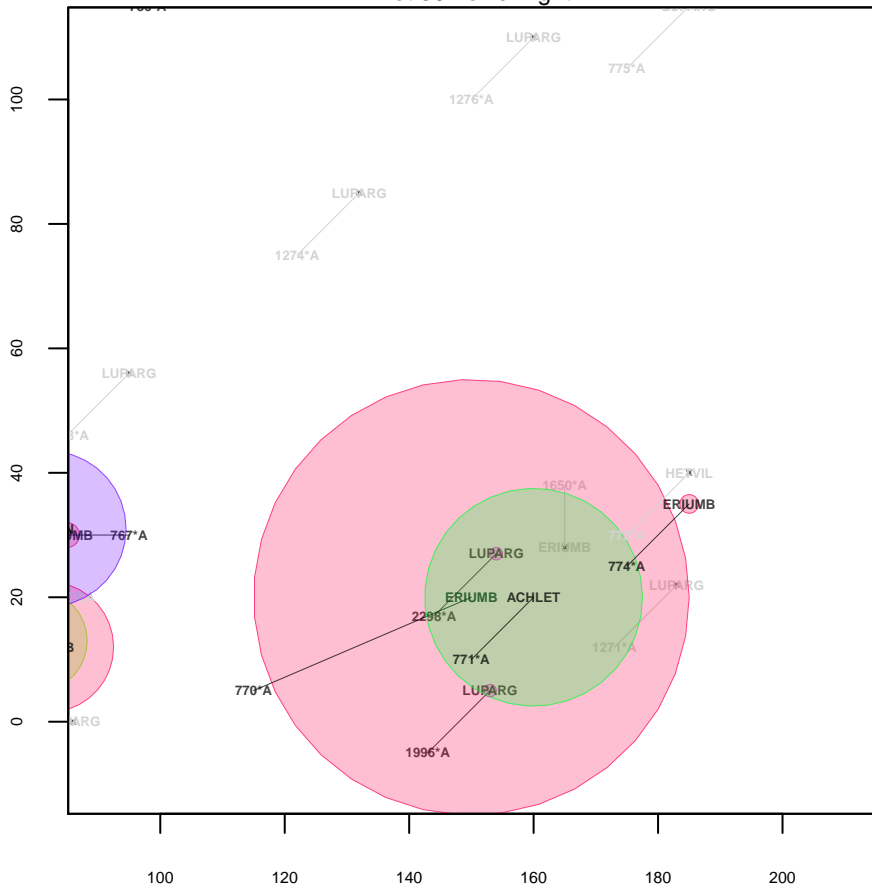
Plot 35 Upper right



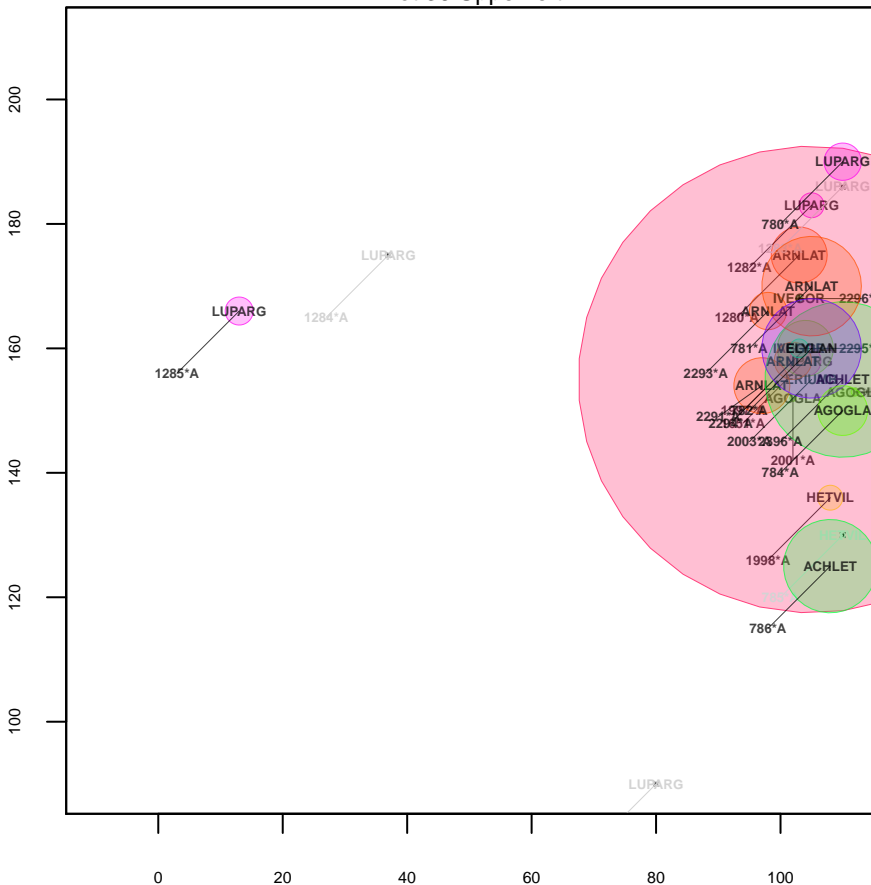
Plot 36 Lower left



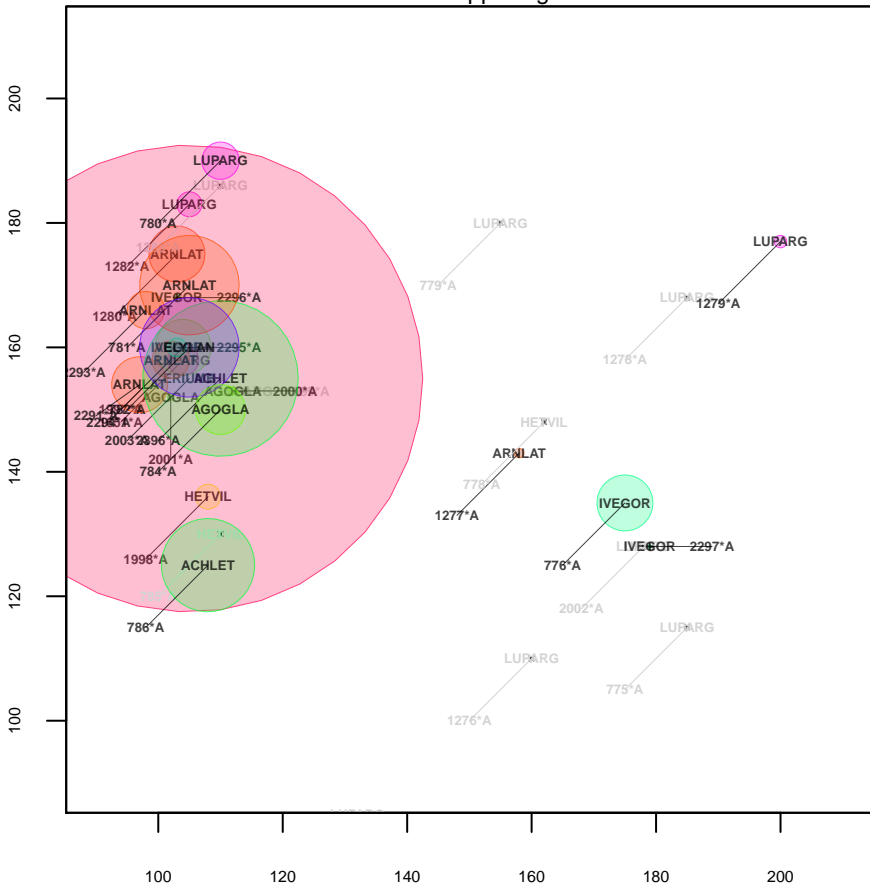
Plot 36 Lower right



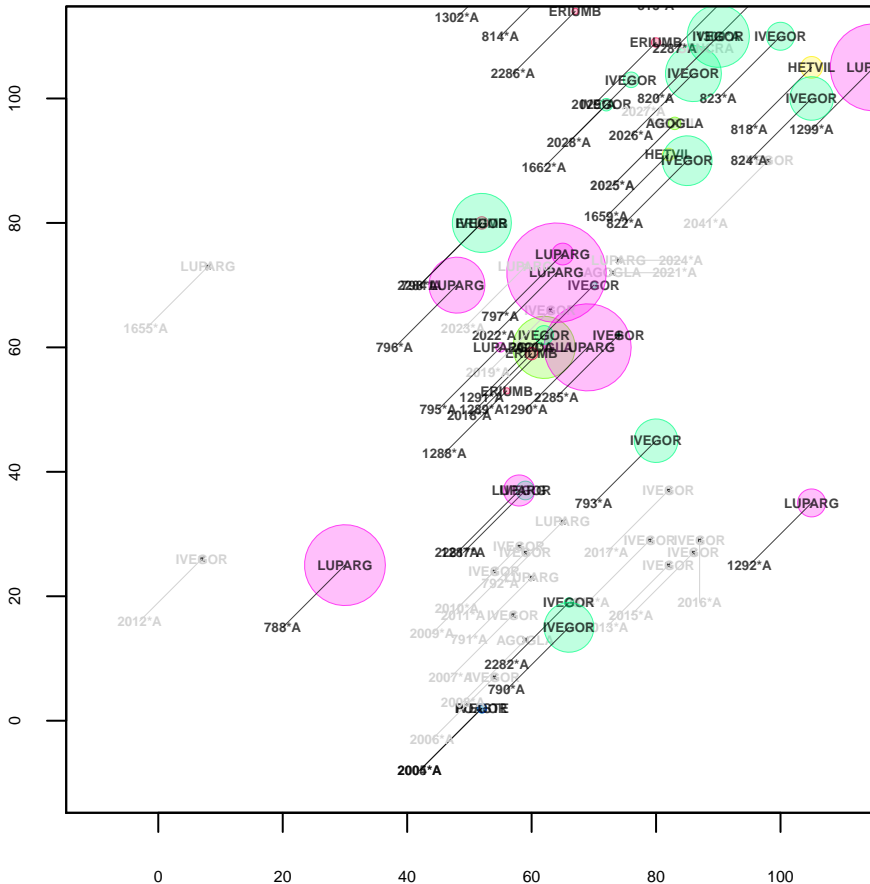
Plot 36 Upper left



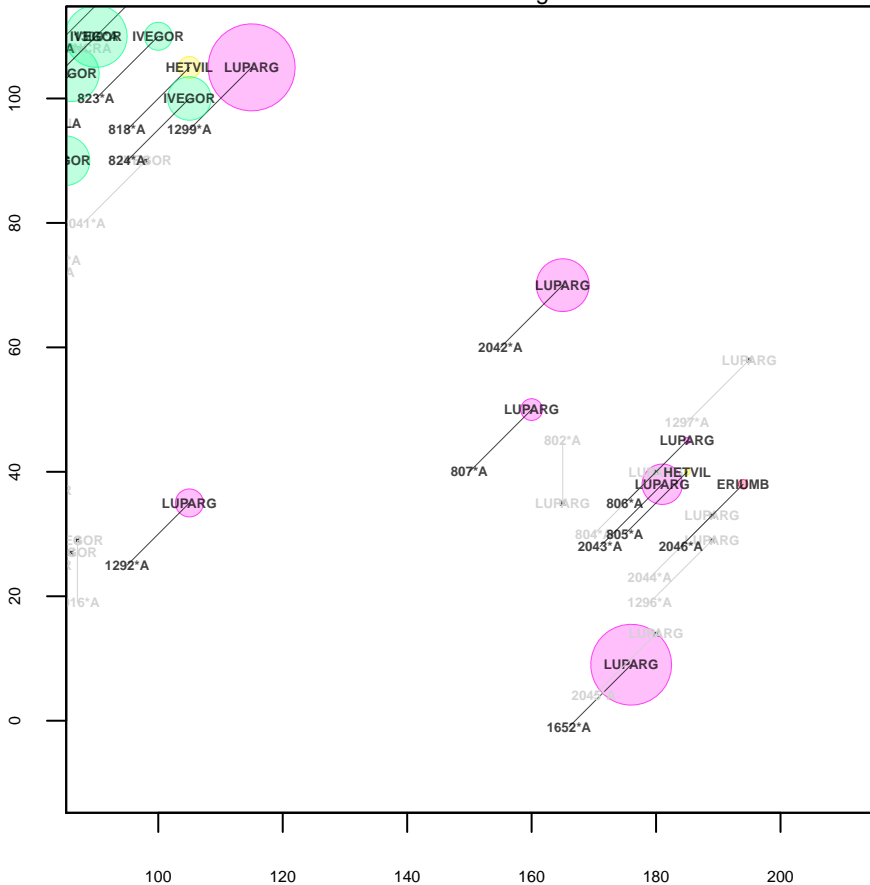
Plot 36 Upper right



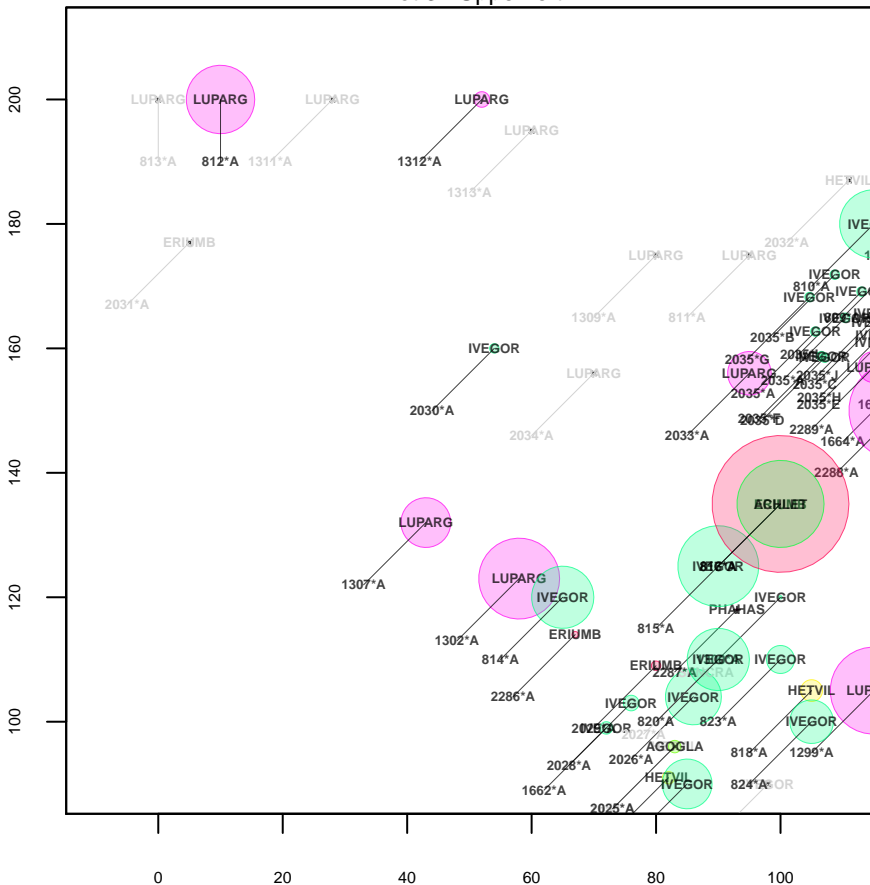
Plot 37 20 Lower left



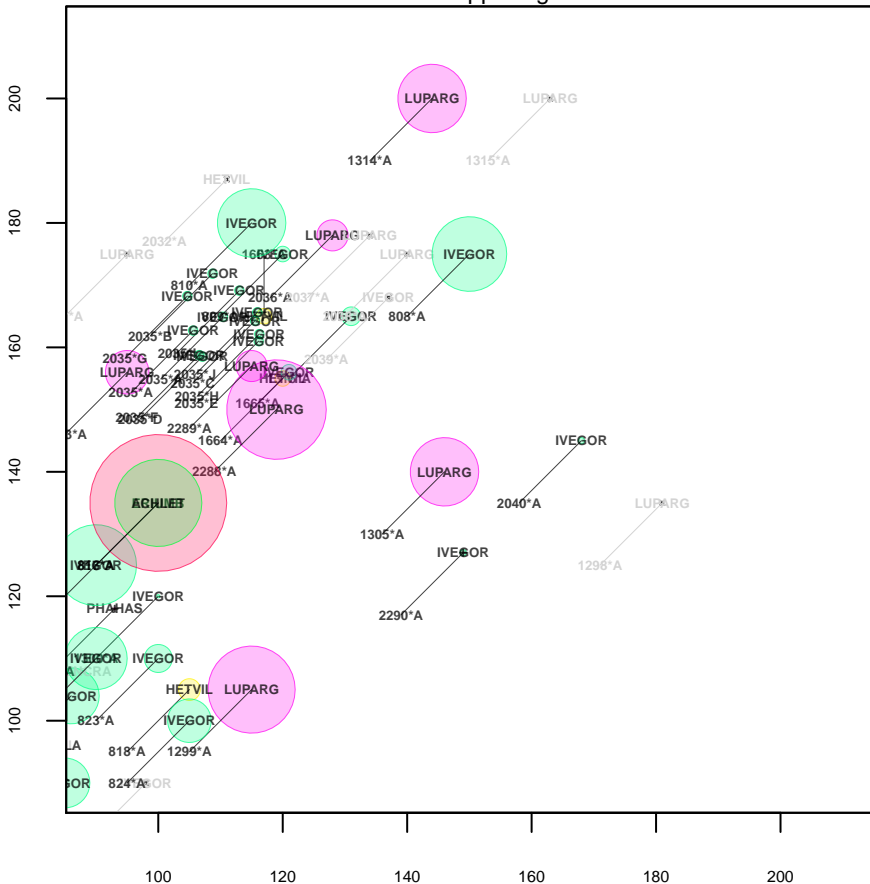
Plot 37 Lower right



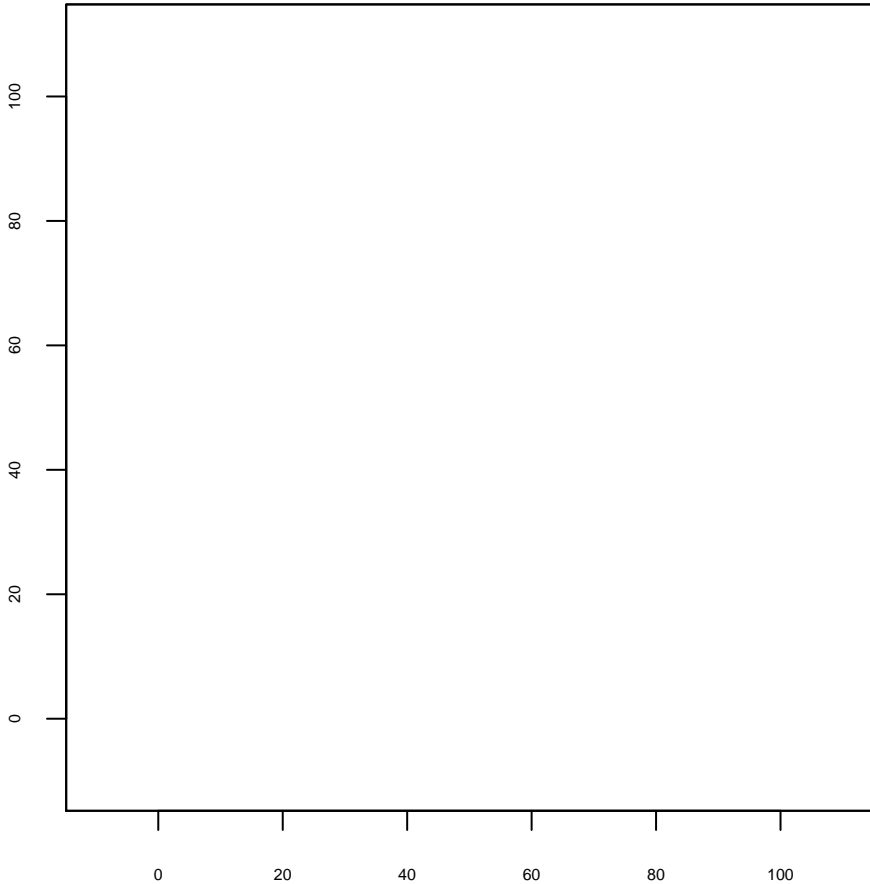
Plot 37 Upper left



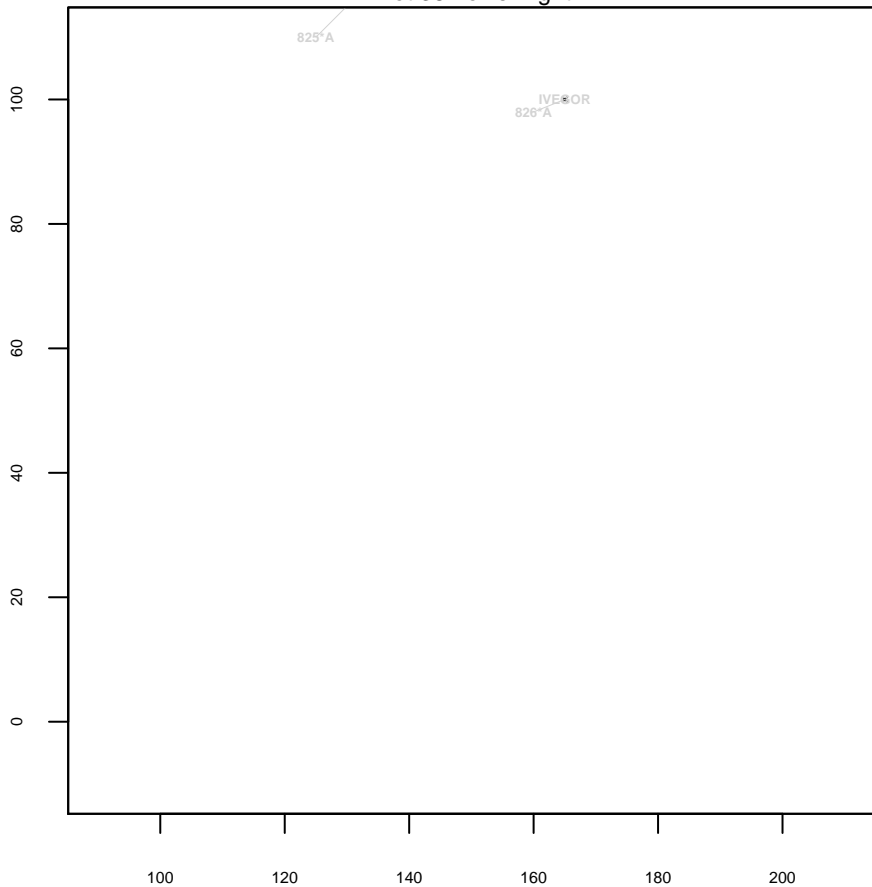
Plot 37 Upper right



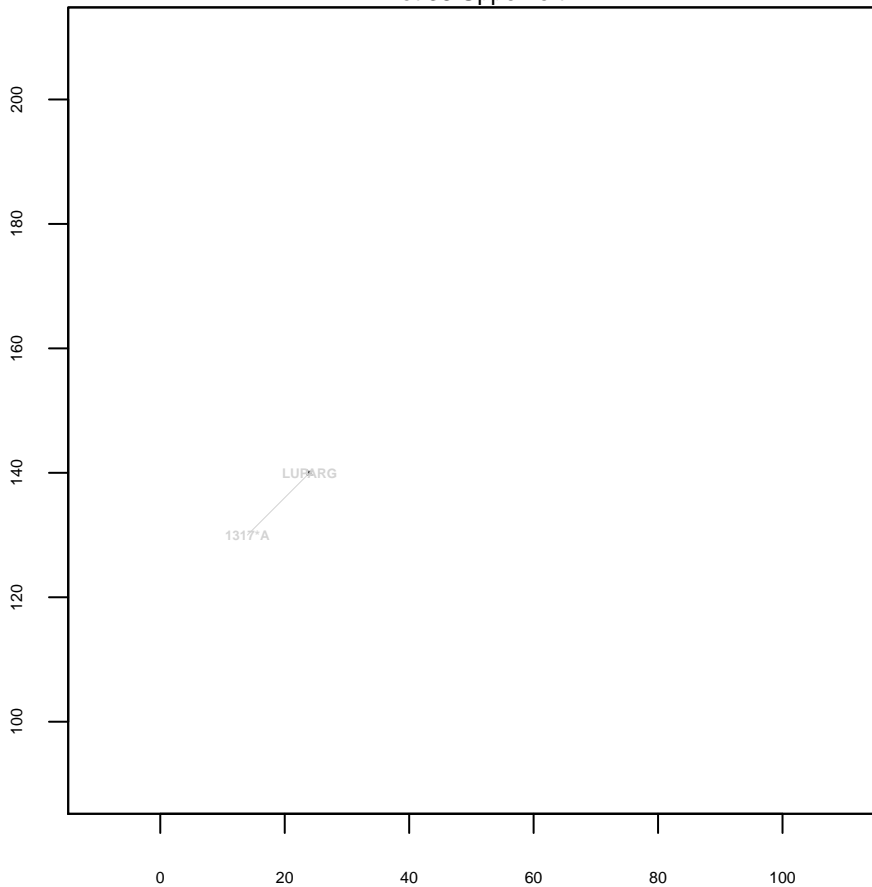
Plot 38 Lower left



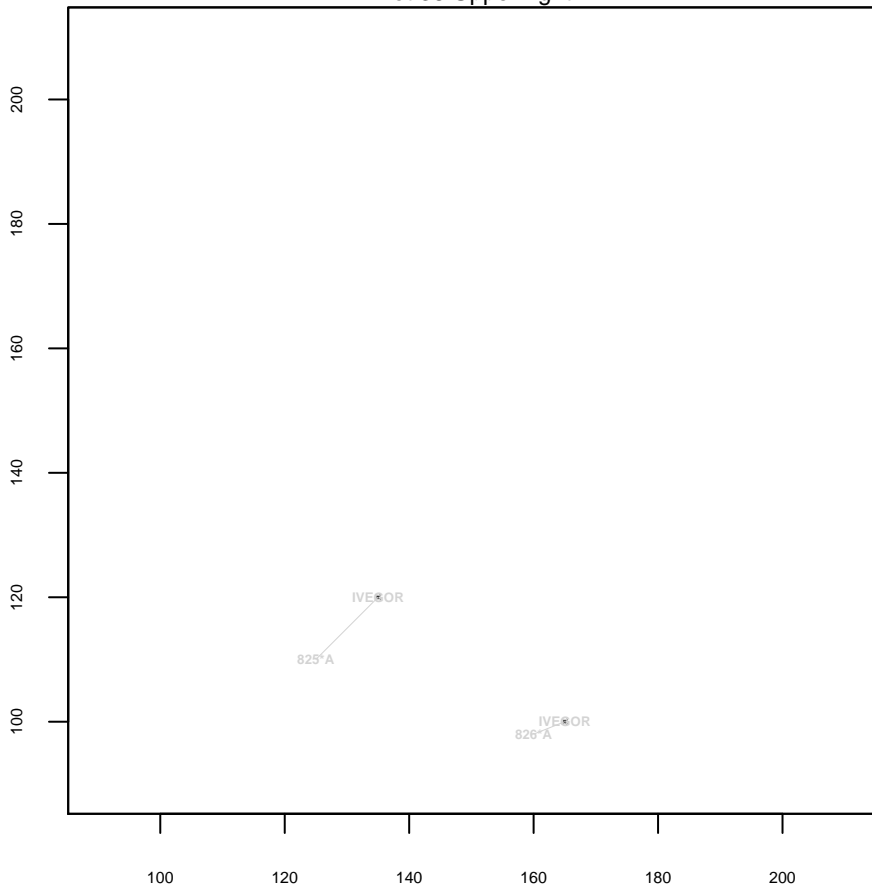
Plot 38 Lower right



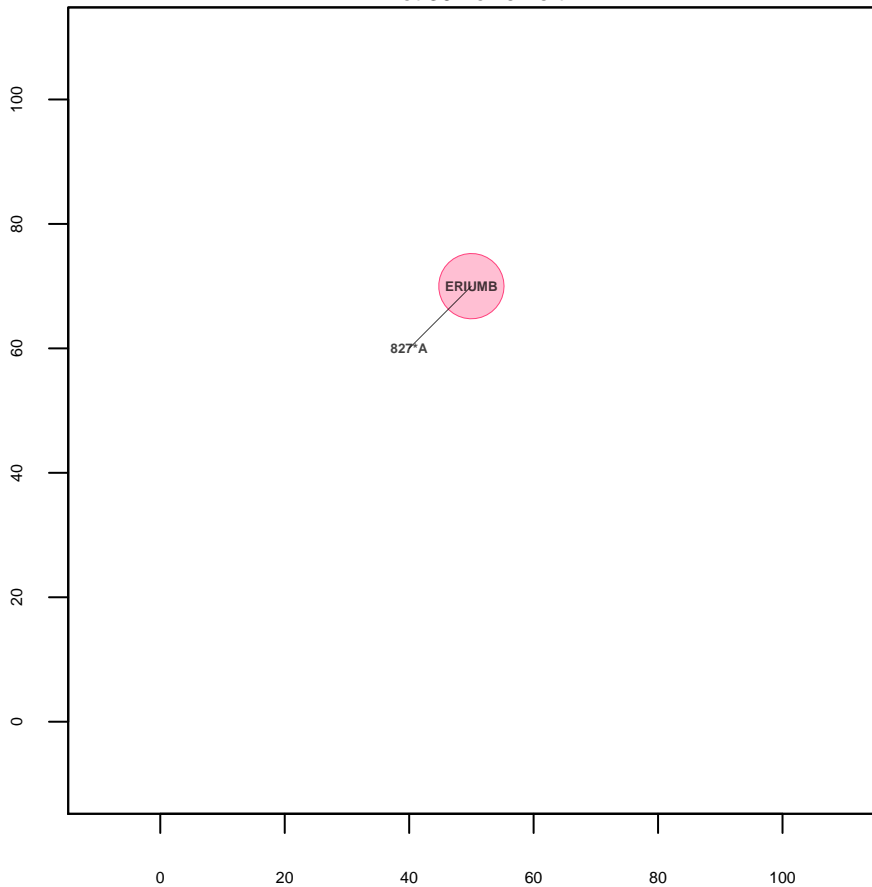
Plot 38 Upper left



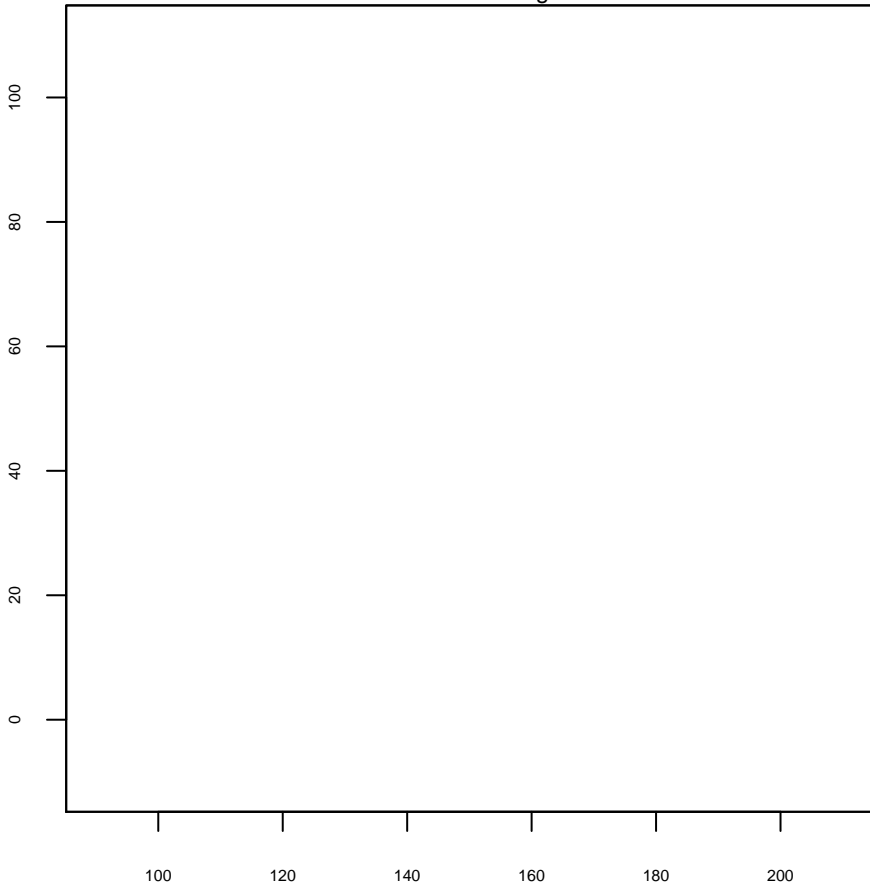
Plot 38 Upper right



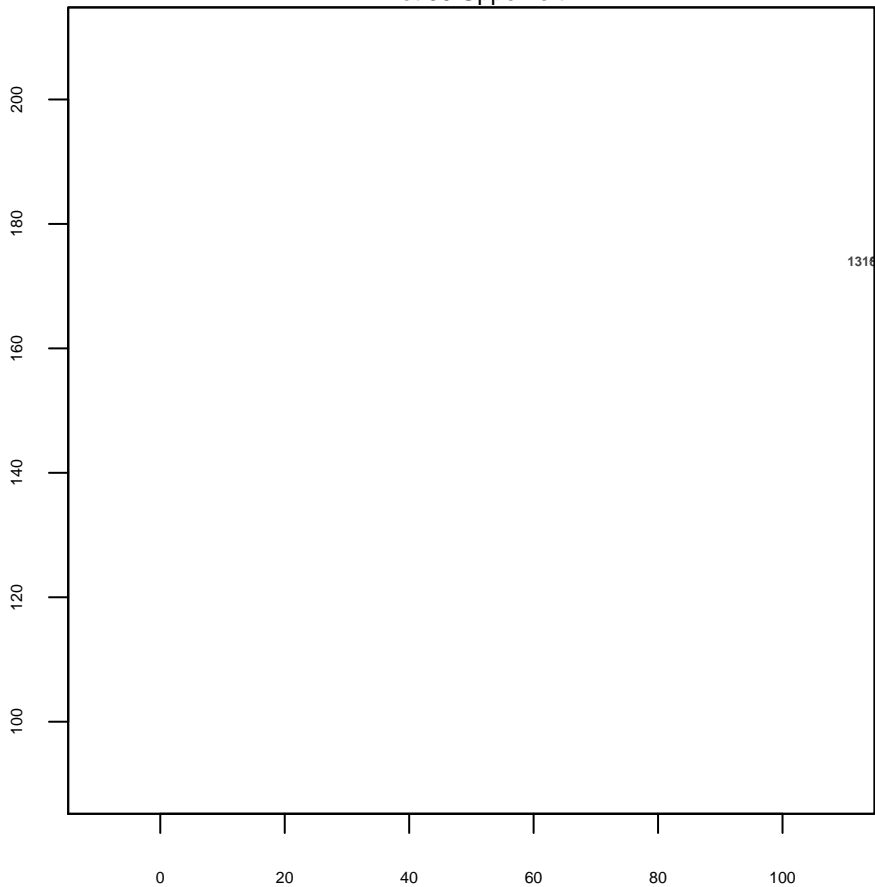
Plot 39 Lower left



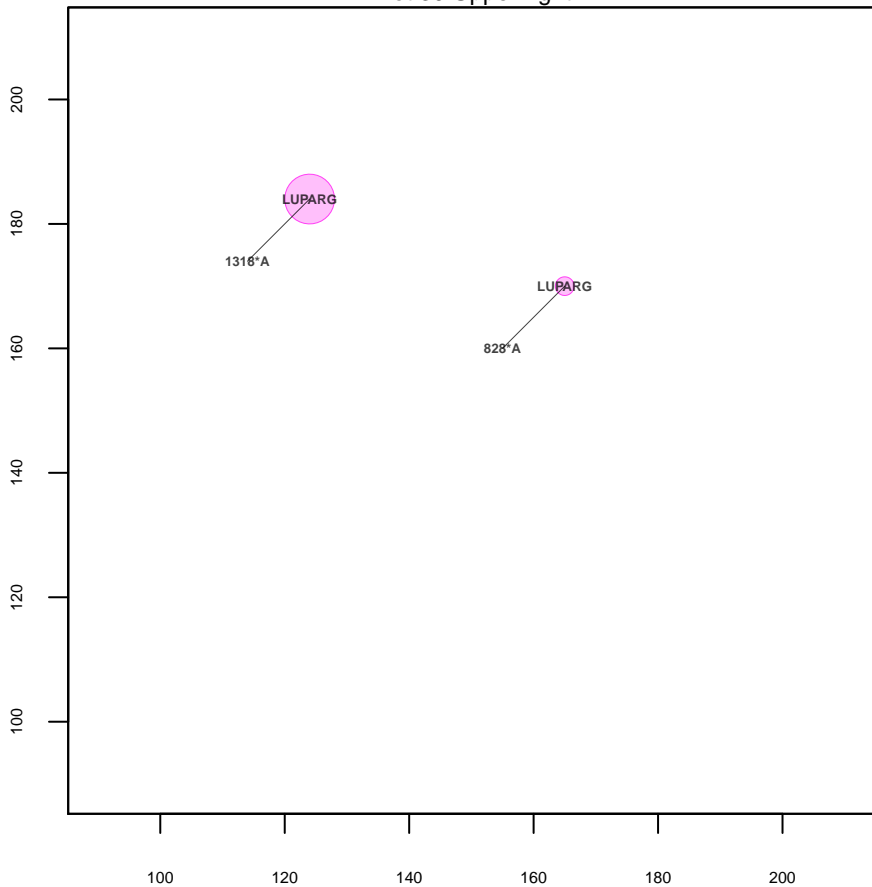
Plot 39 Lower right



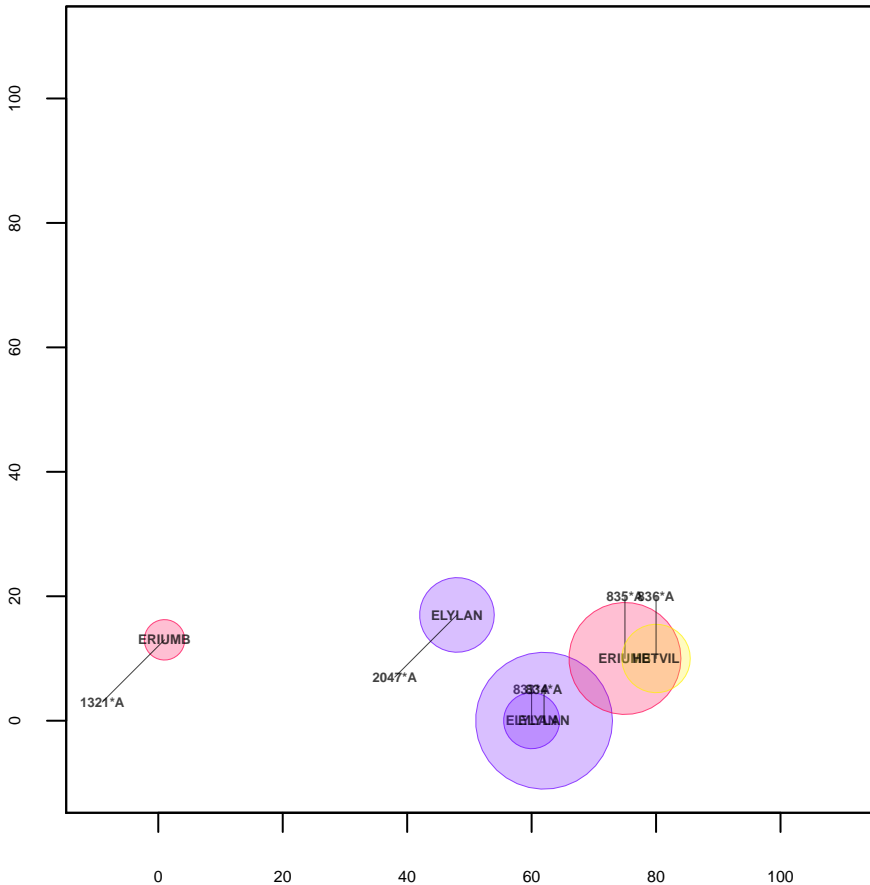
Plot 39 Upper left



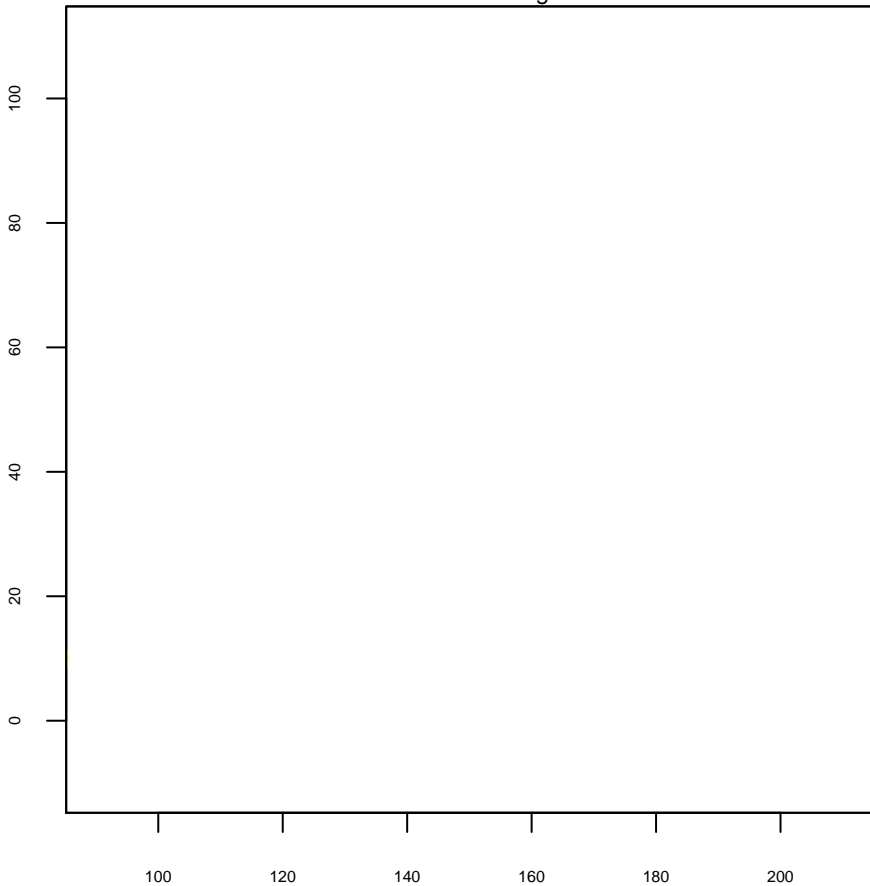
Plot 39 Upper right



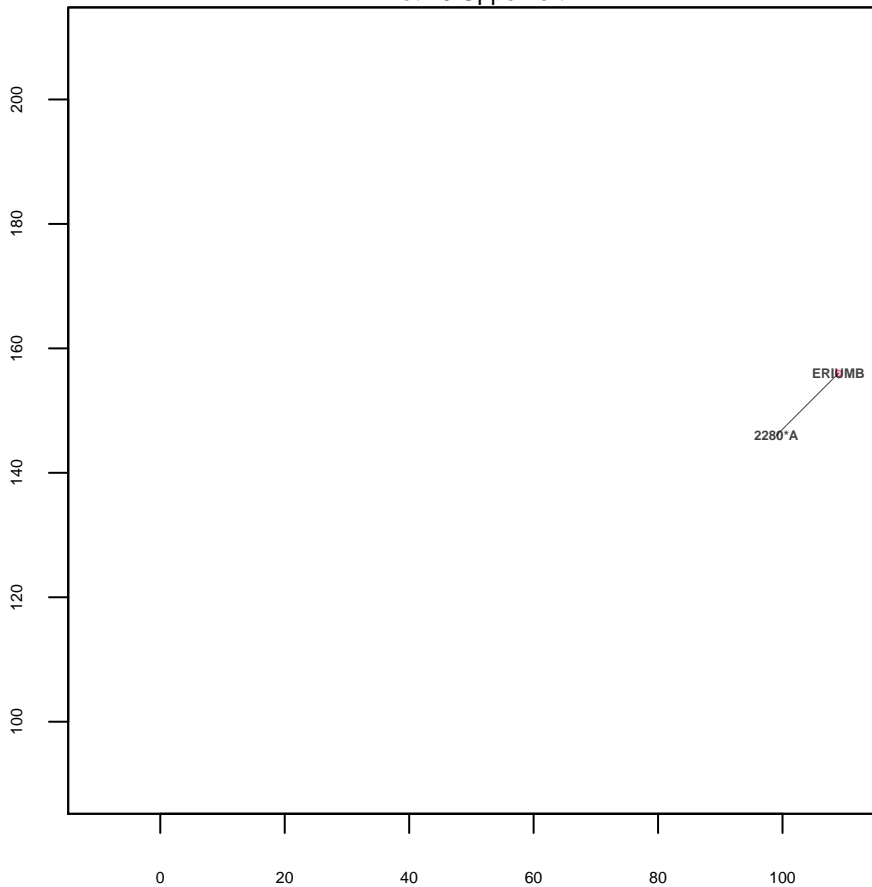
Plot 40 Lower left



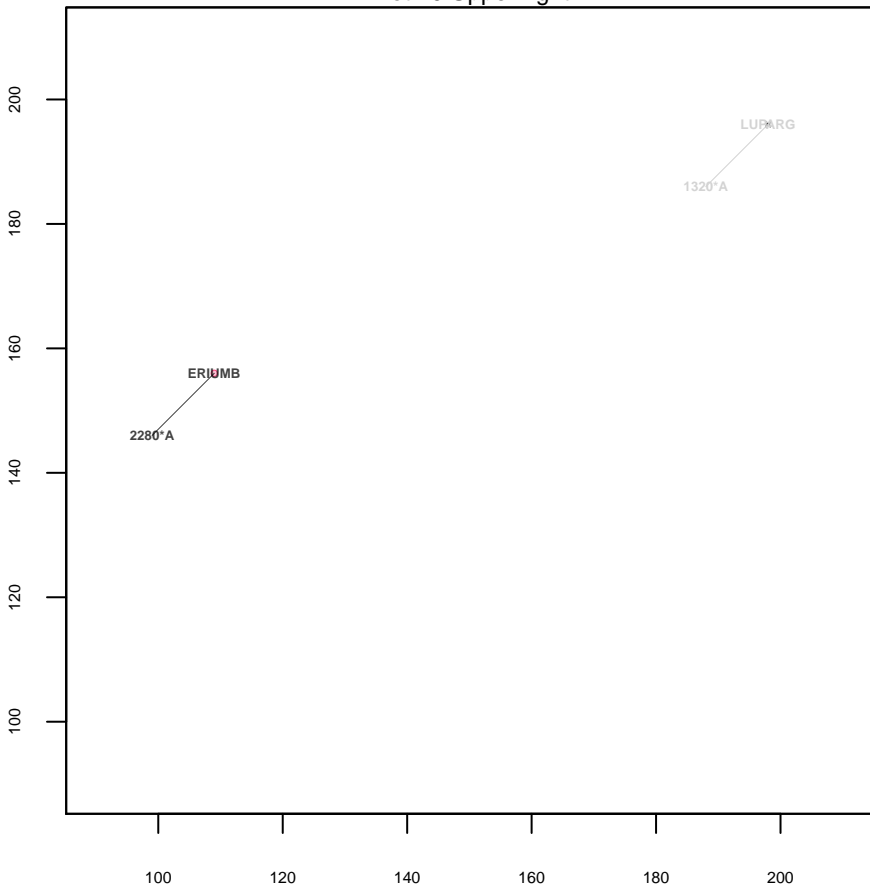
Plot 40 Lower right



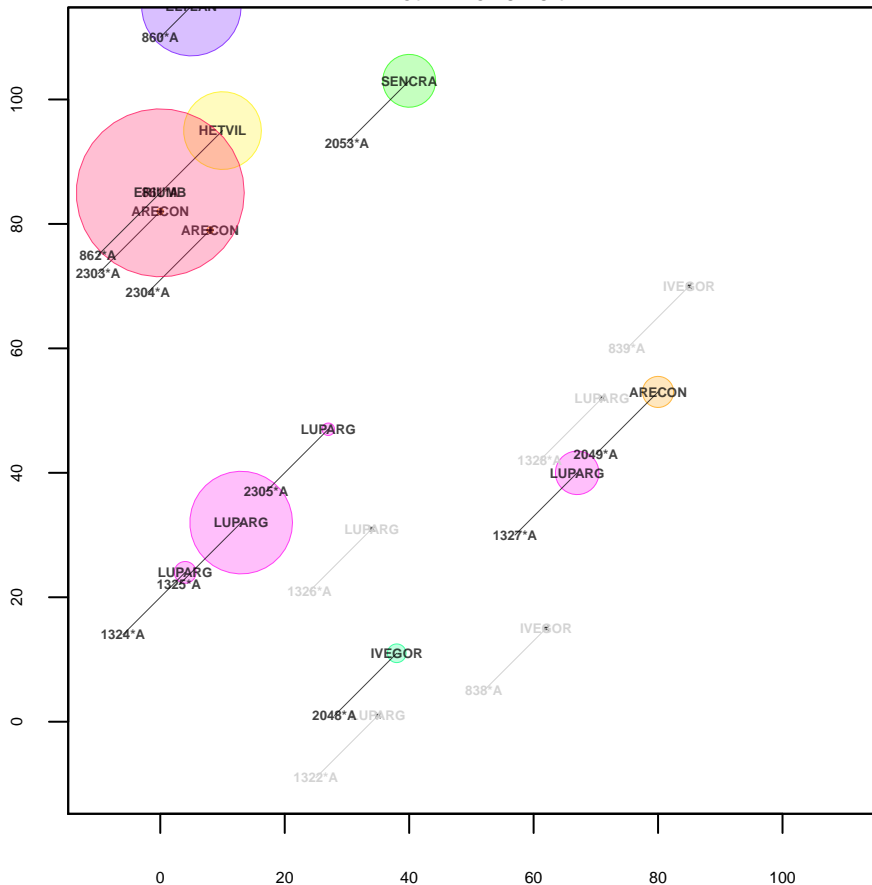
Plot 40 Upper left



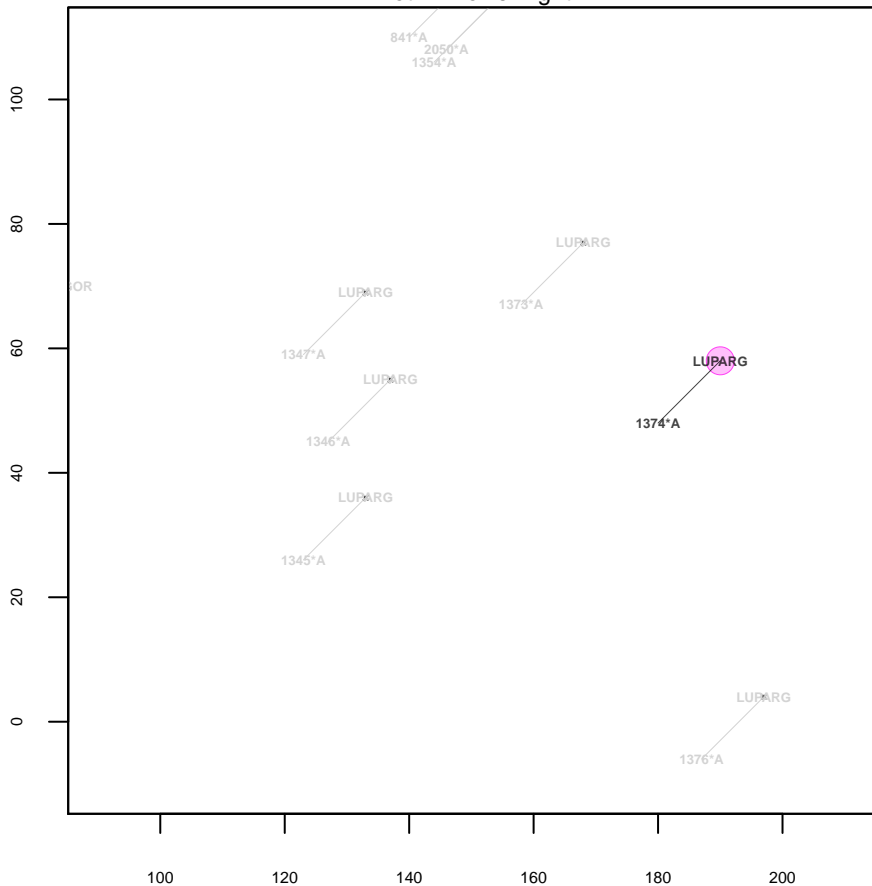
Plot 40 Upper right



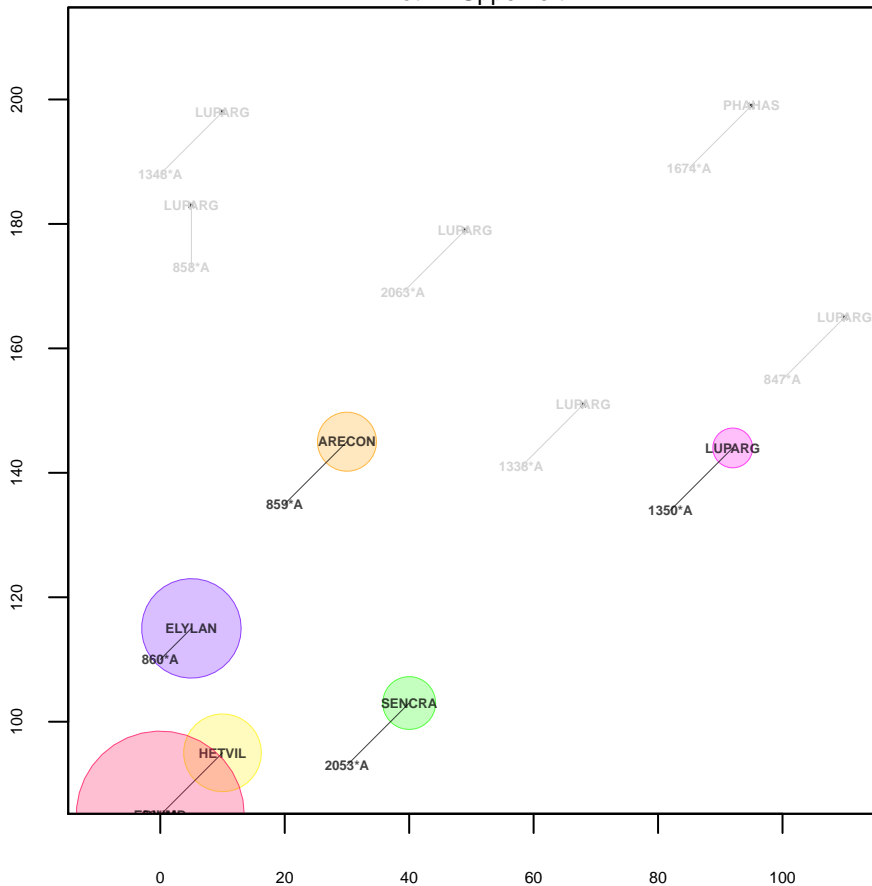
Plot 41 Lower left

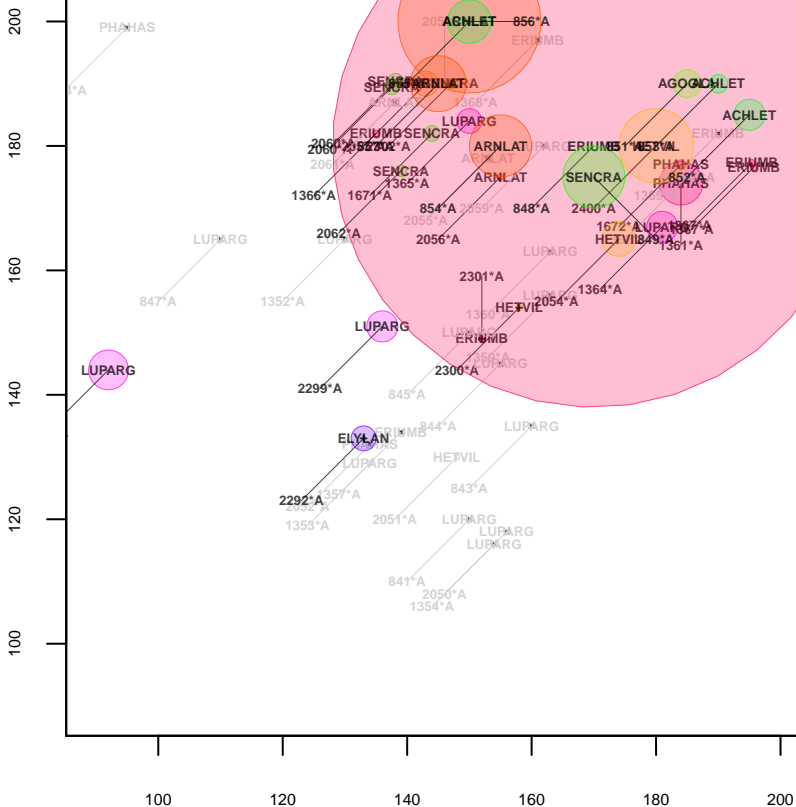


Plot 41 Lower right

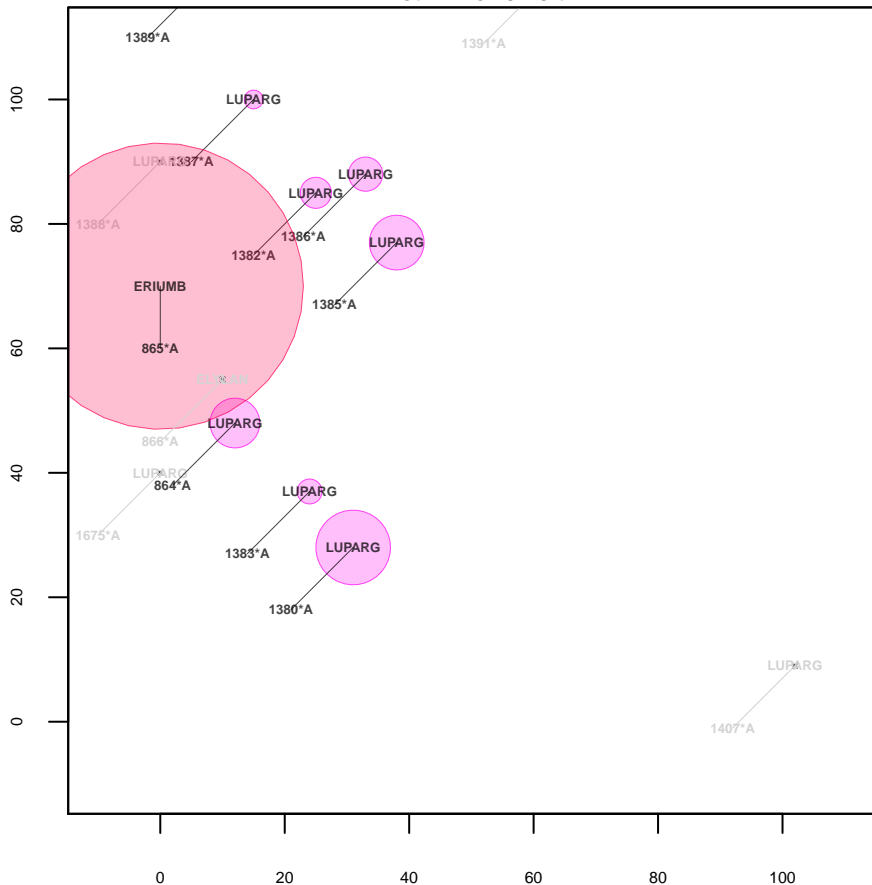


Plot 41 Upper left

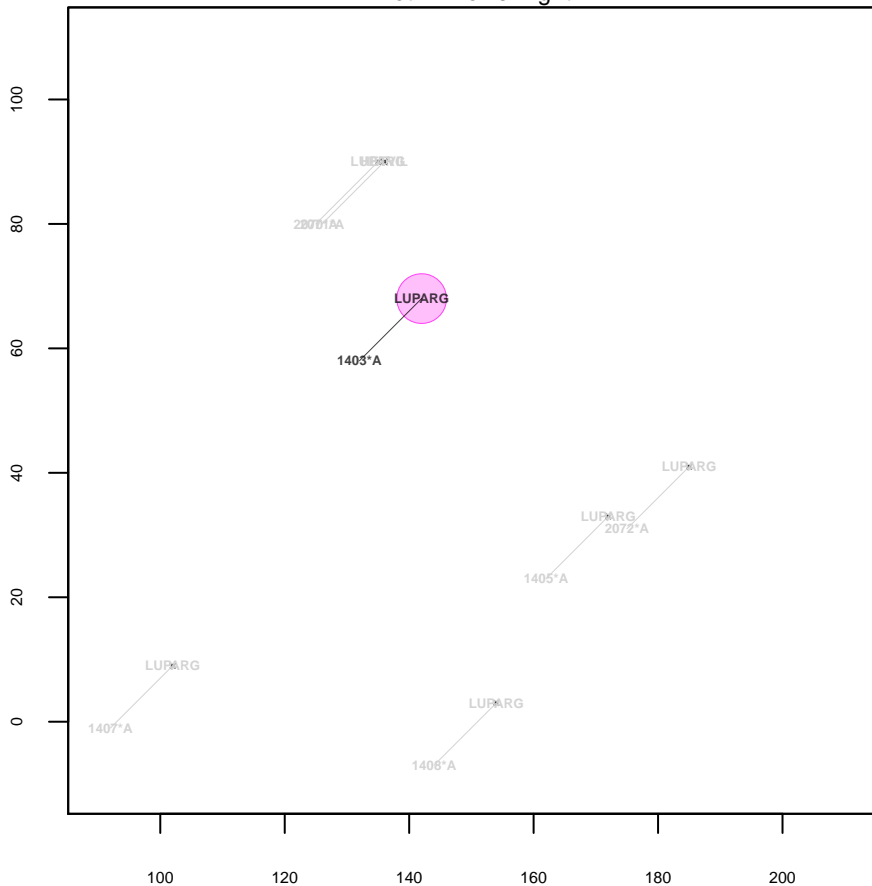




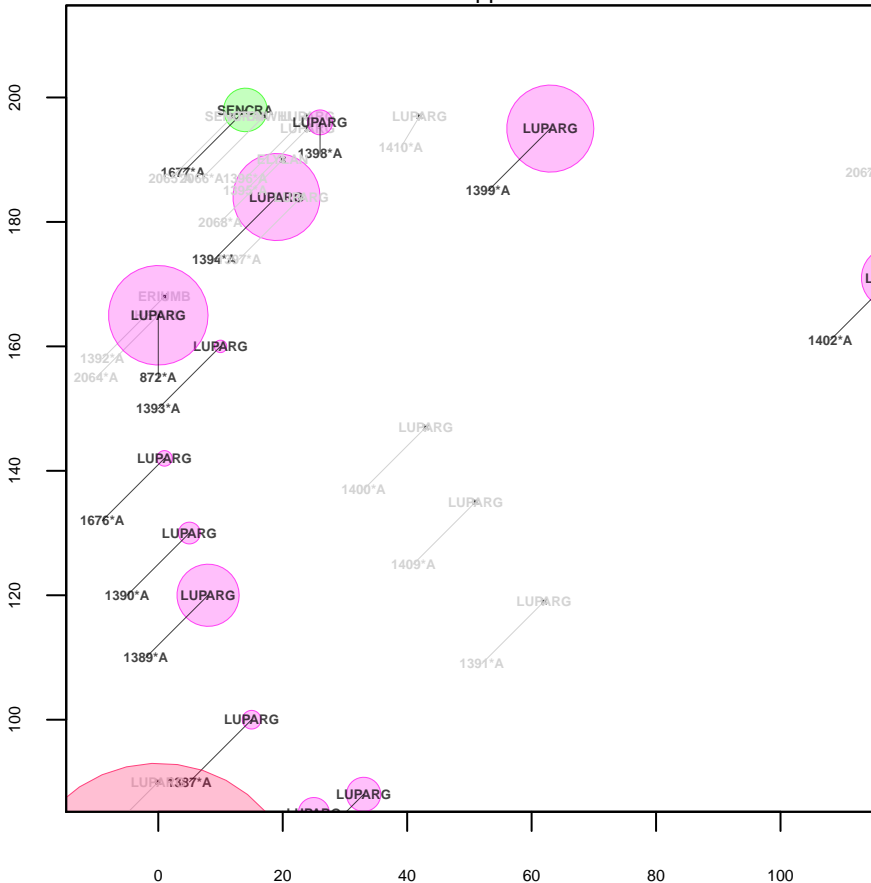
Plot 42 Lower left



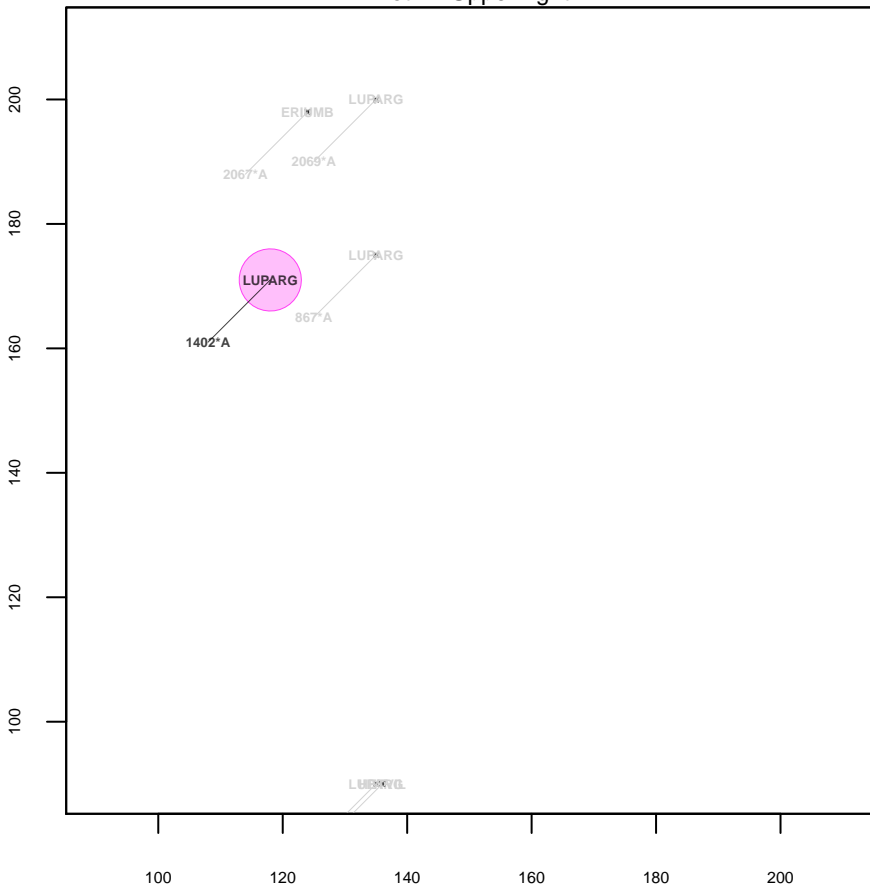
Plot 42 Lower right



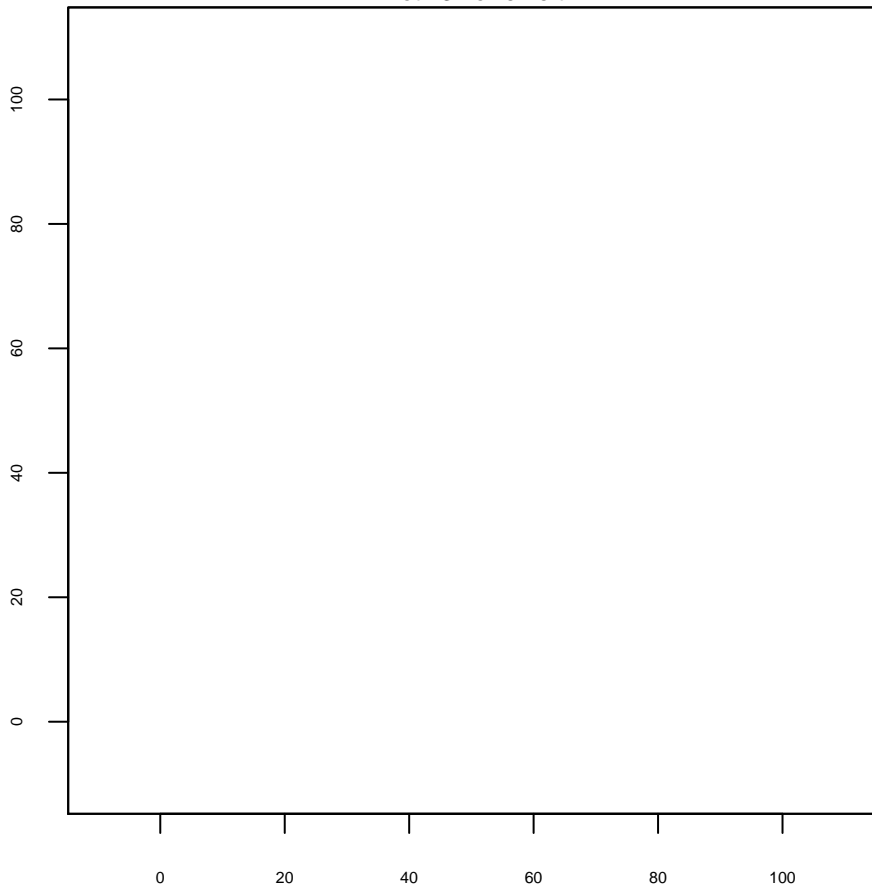
Plot 42 Upper left



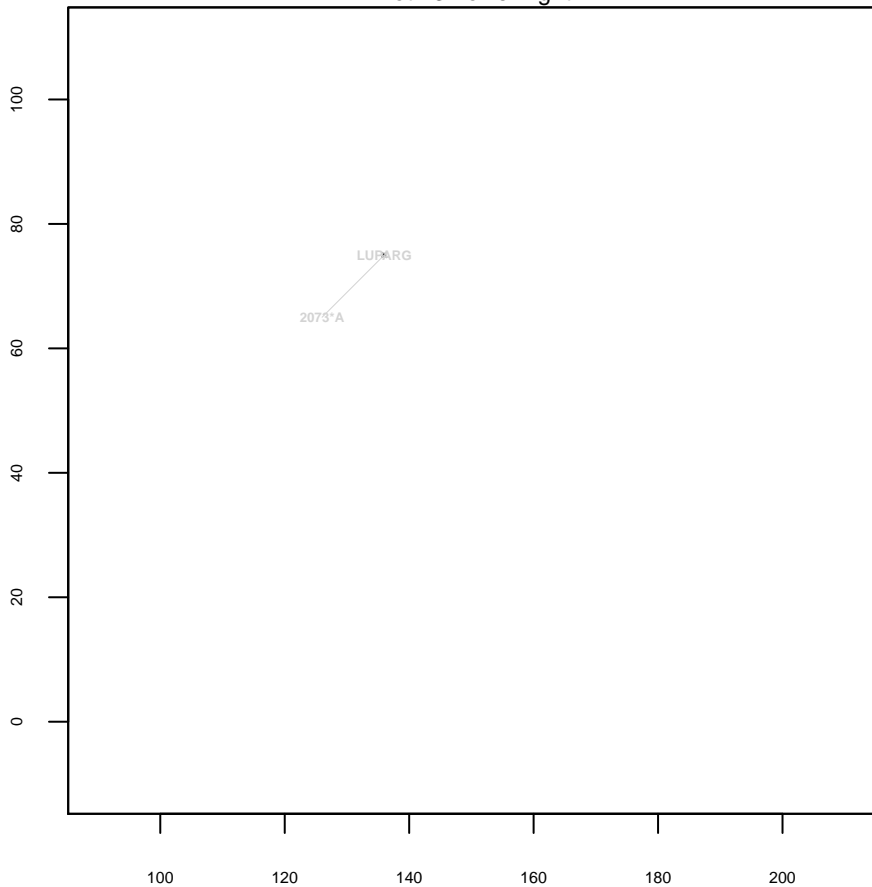
Plot 42 Upper right



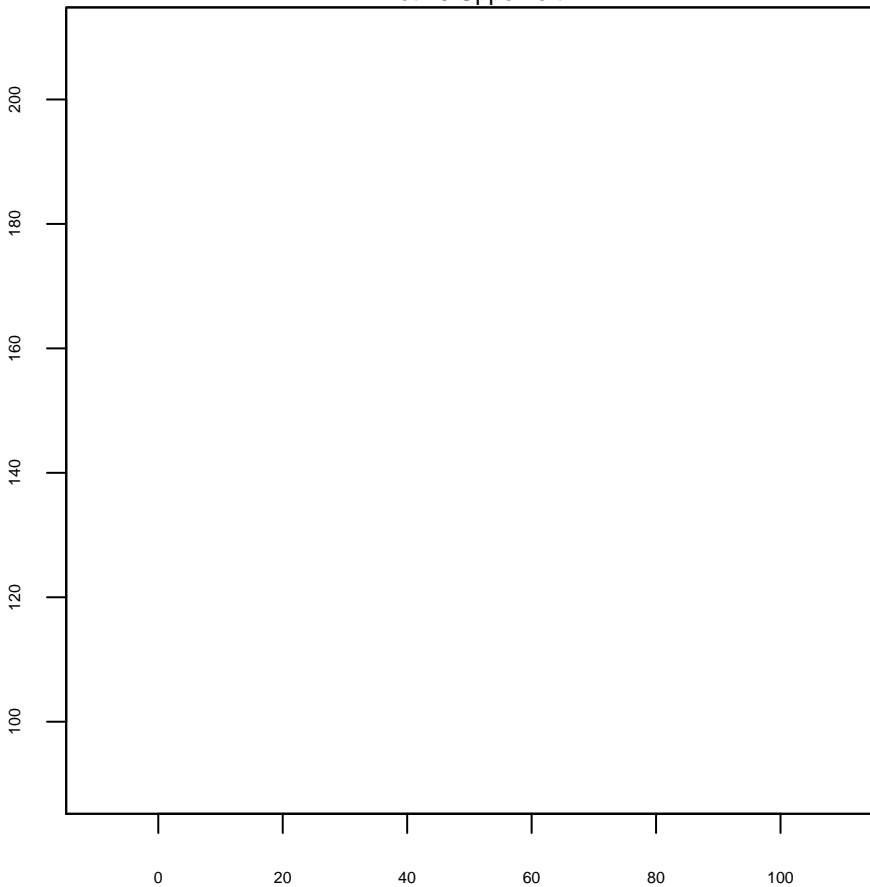
Plot 43 Lower left



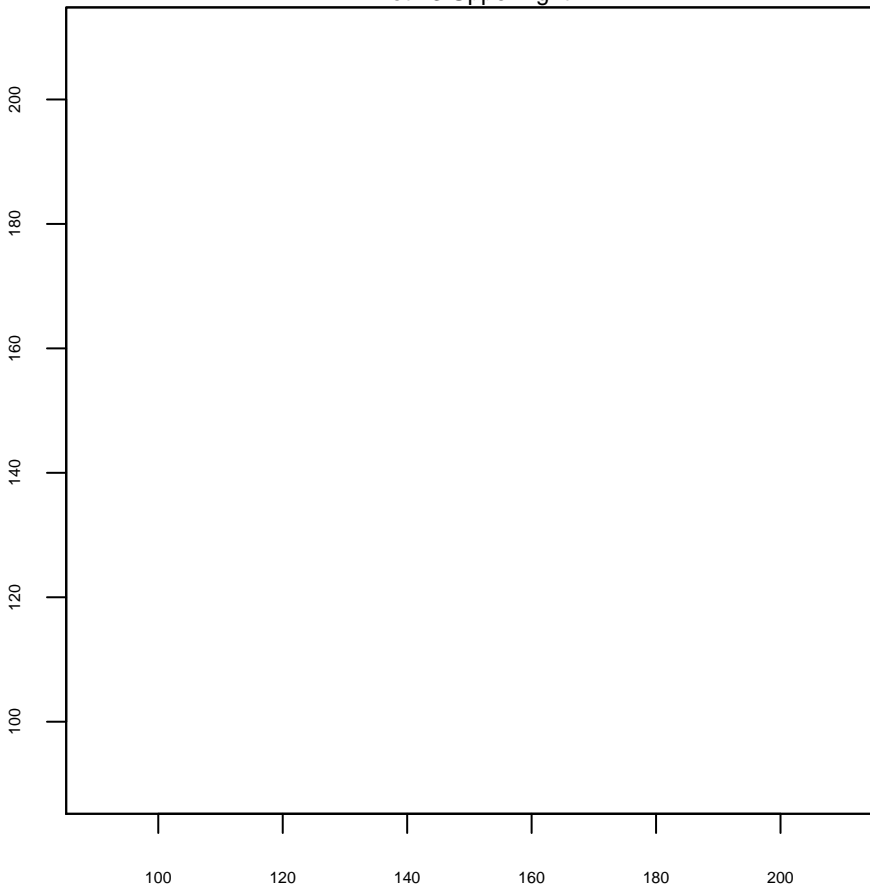
Plot 43 Lower right



Plot 43 Upper left



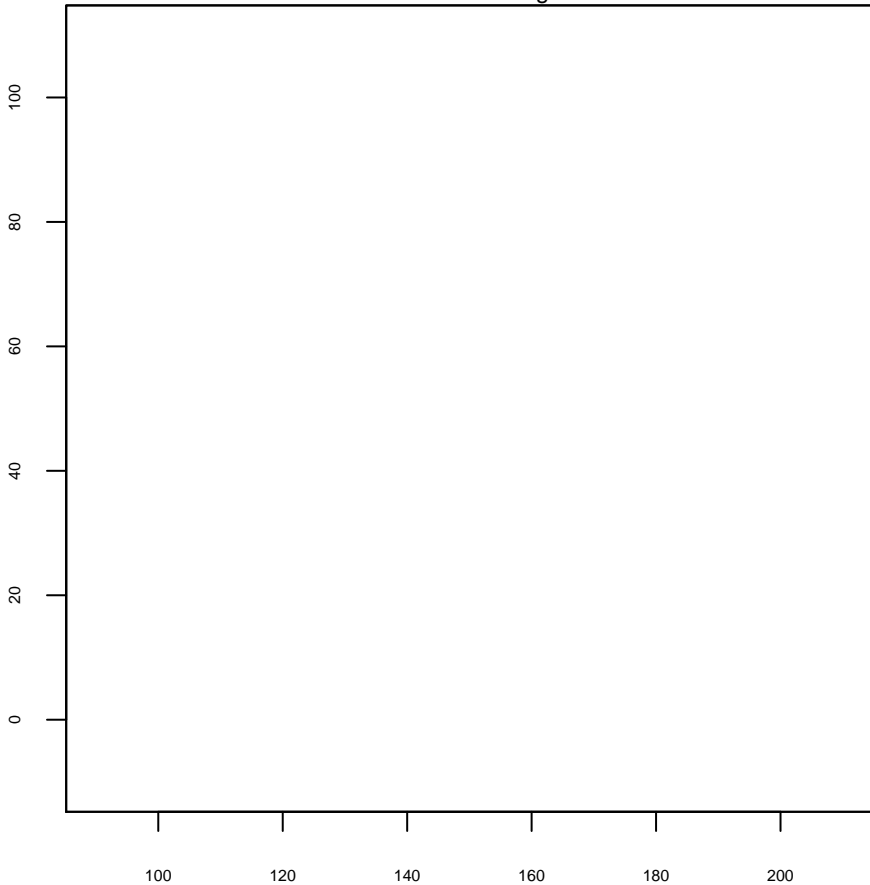
Plot 43 Upper right



Plot 44 Lower left



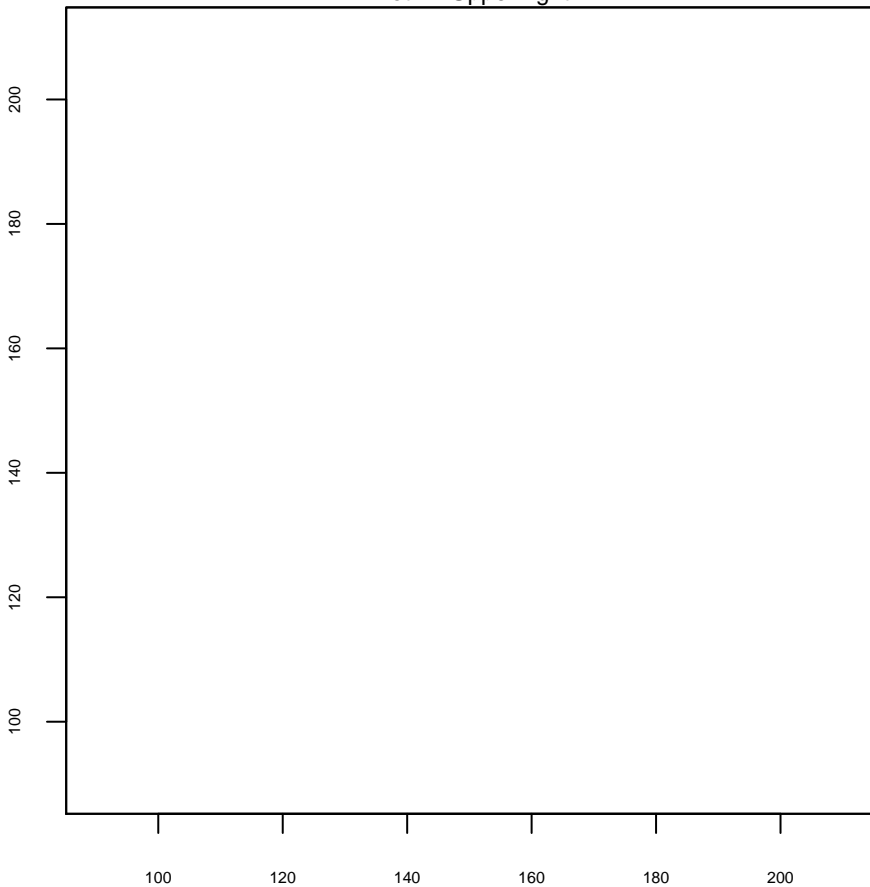
Plot 44 Lower right



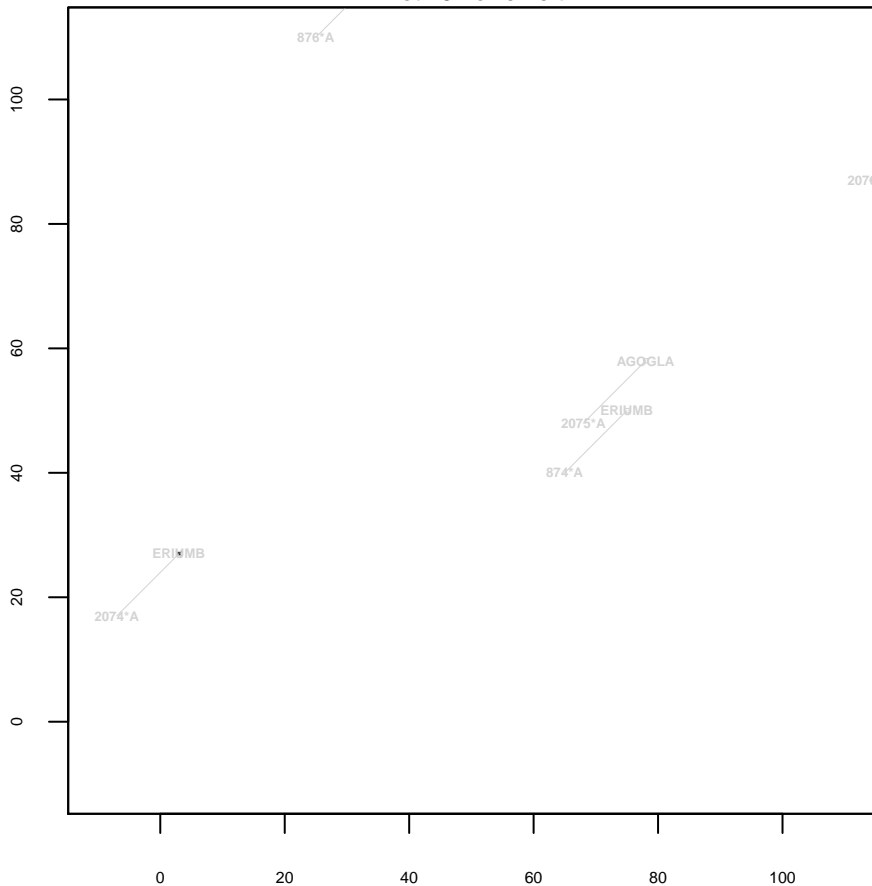
Plot 44 Upper left



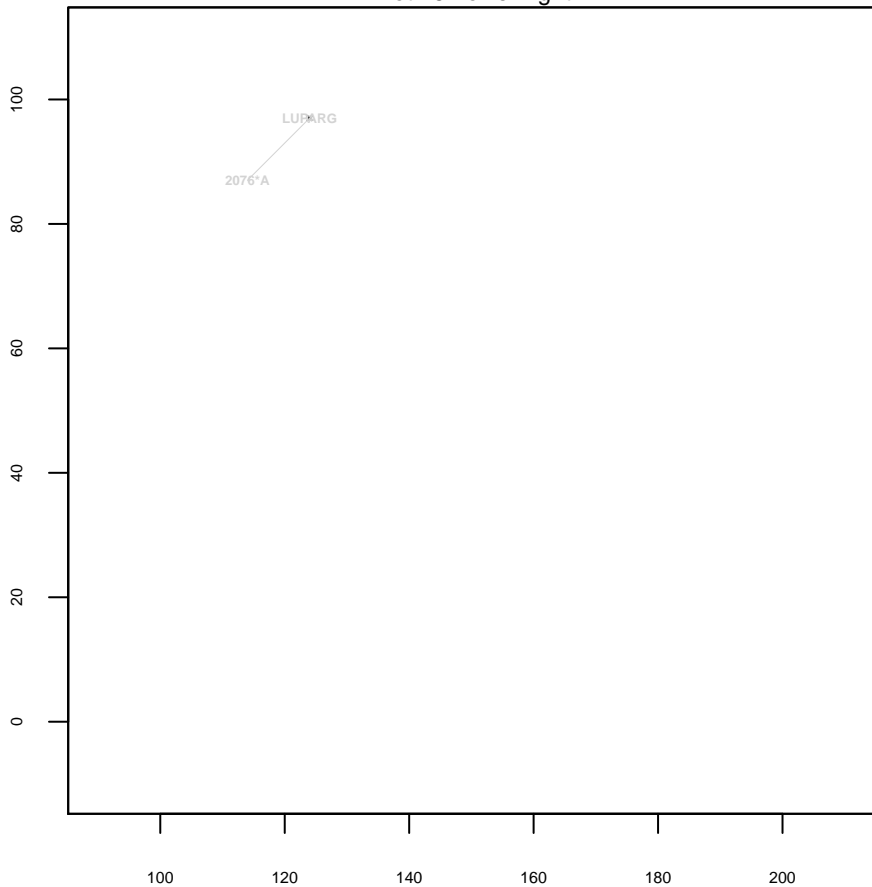
Plot 44 Upper right



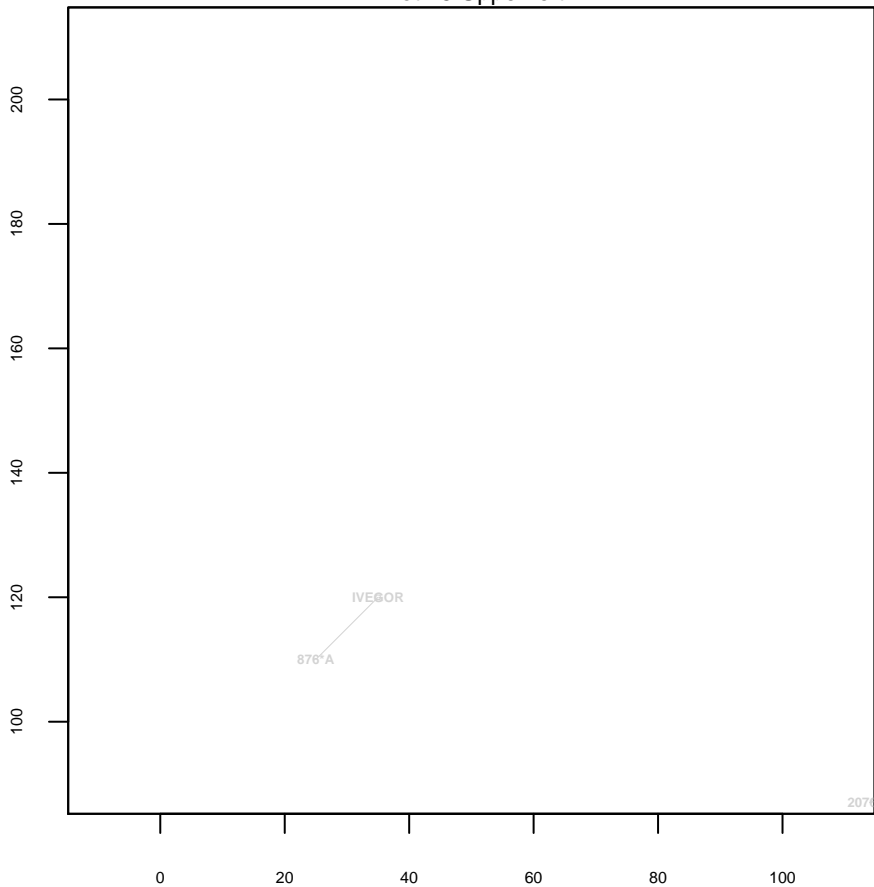
Plot 45 Lower left



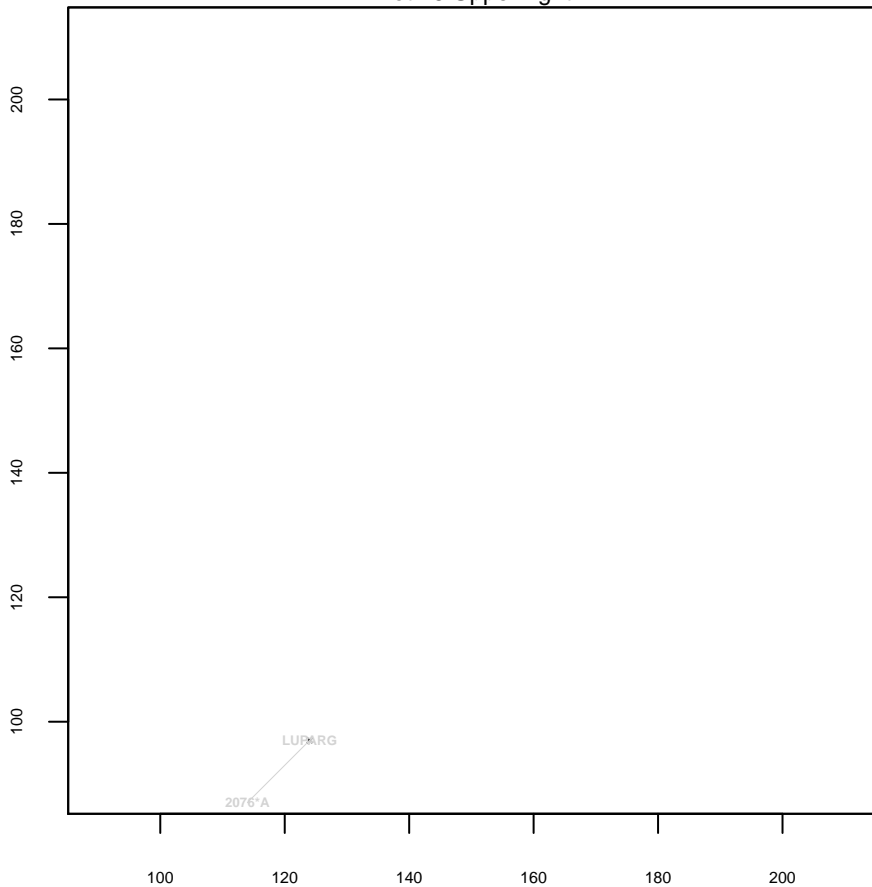
Plot 45 Lower right

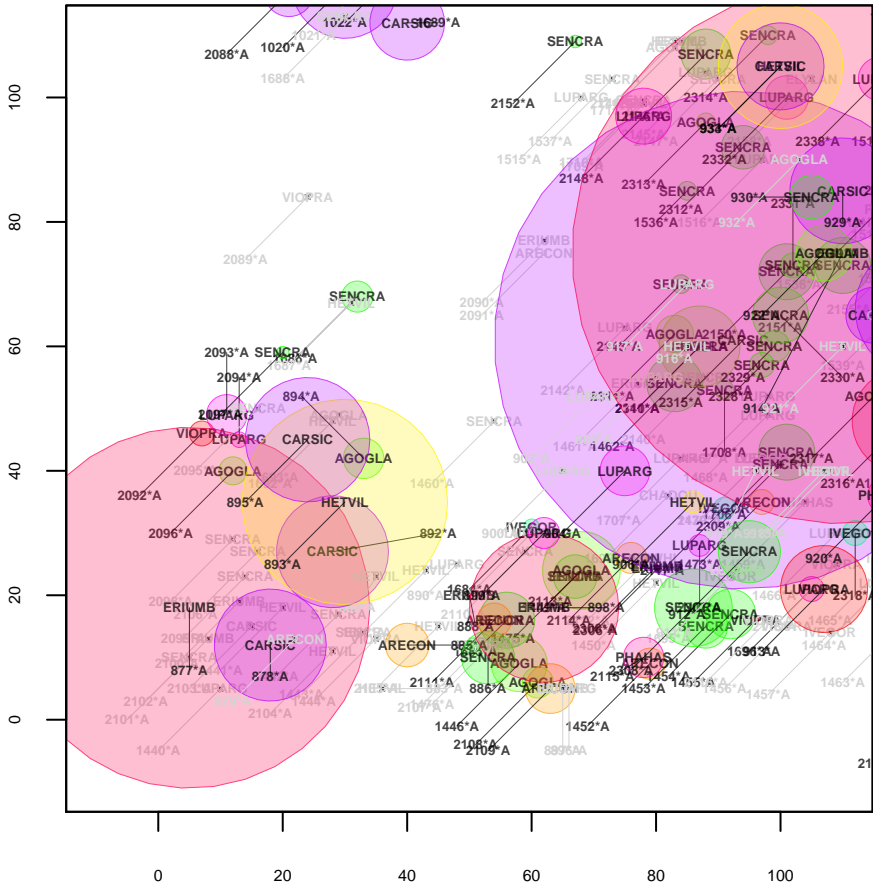


Plot 45 Upper left



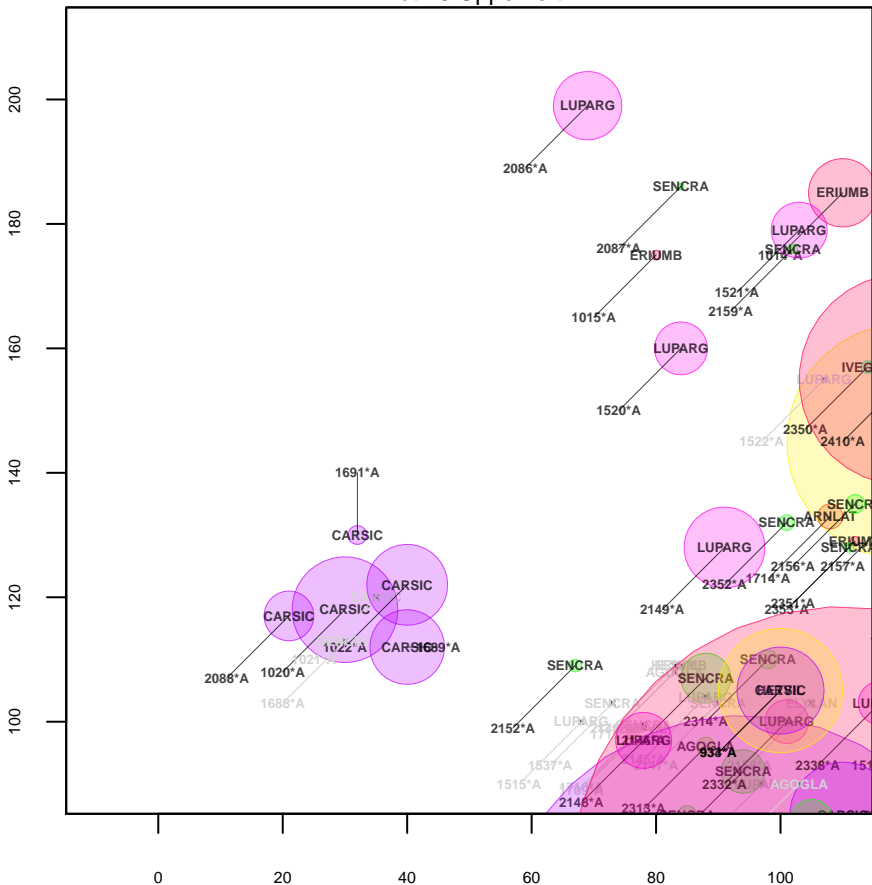
Plot 45 Upper right

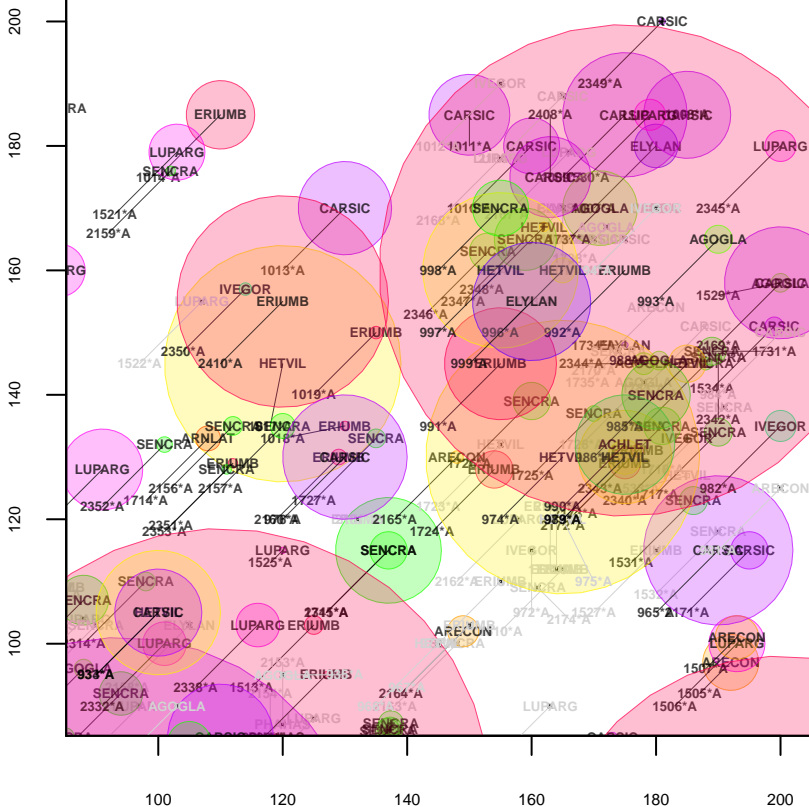




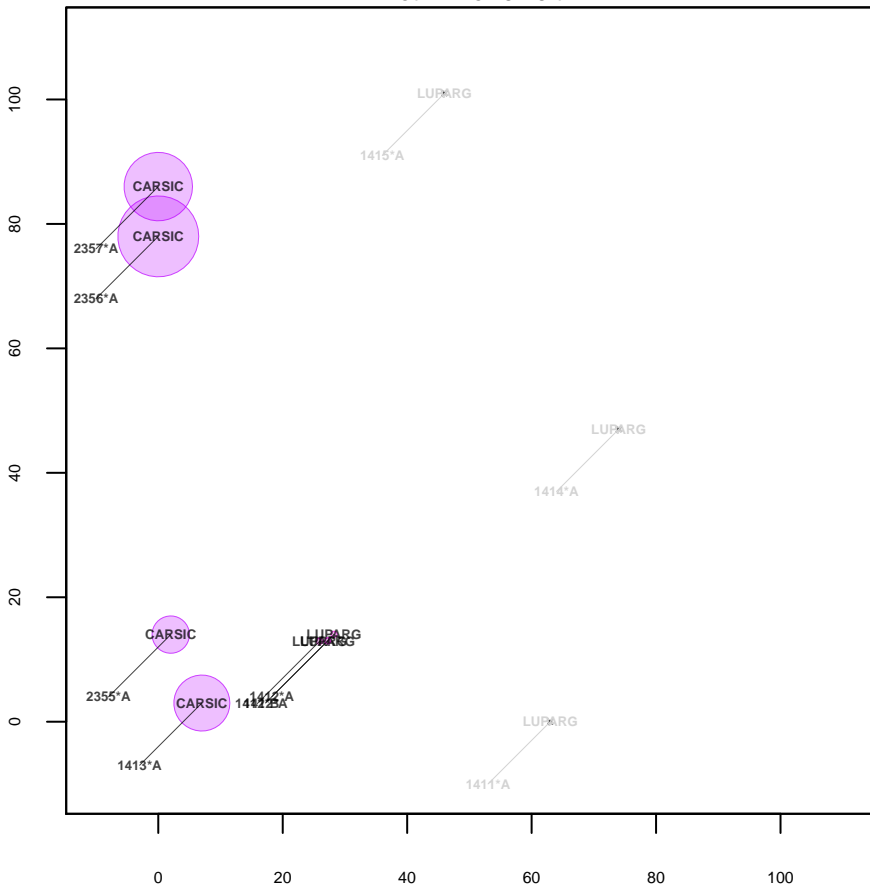
200

Plot 46 Upper left

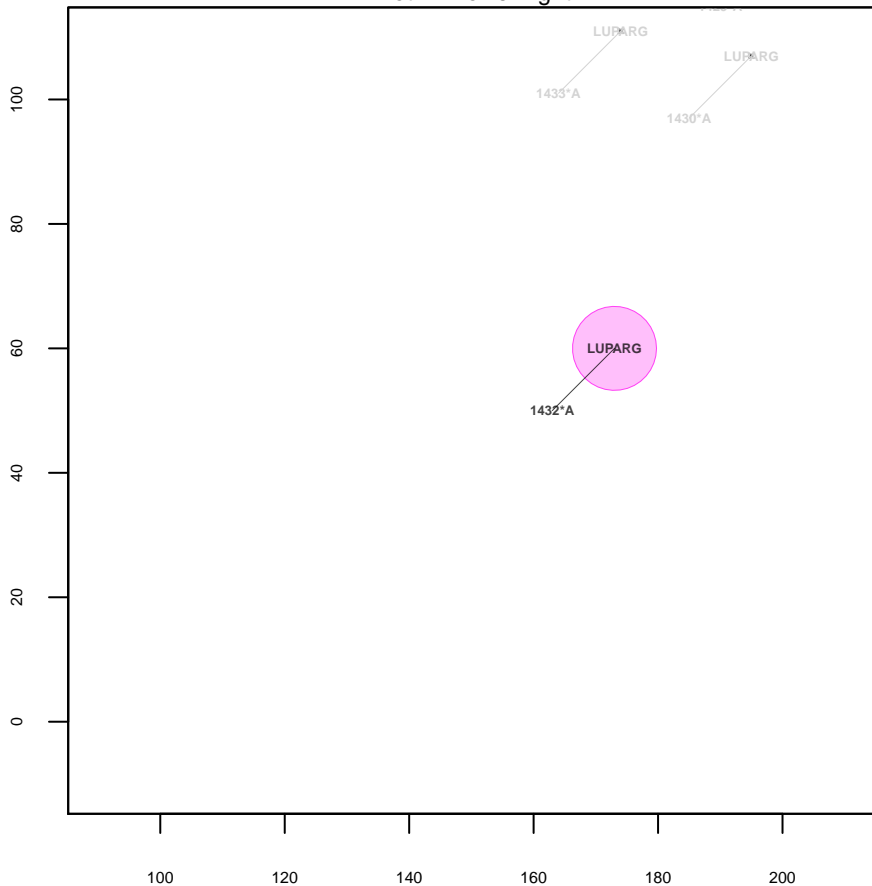




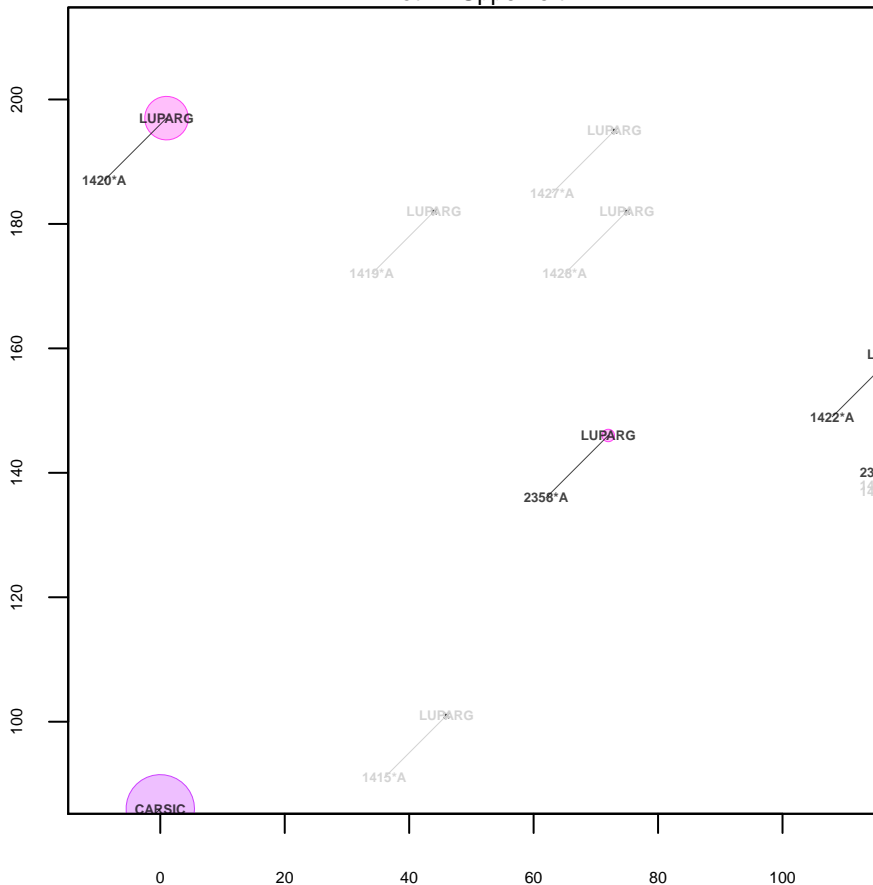
Plot 47 Lower left



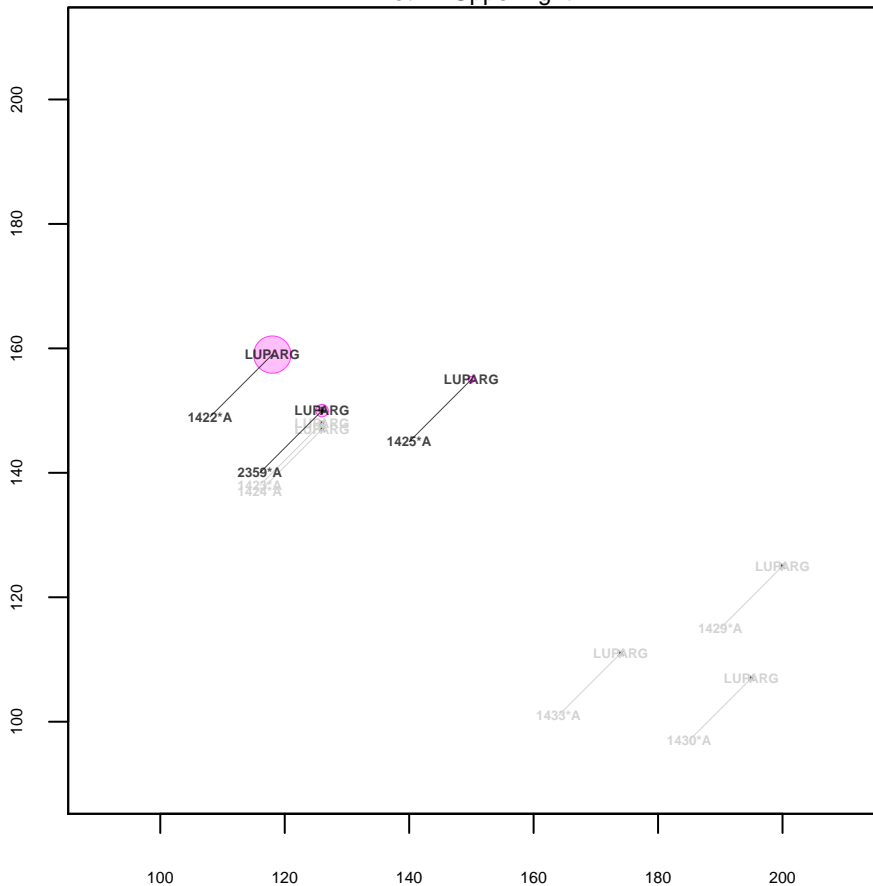
Plot 47 Lower right



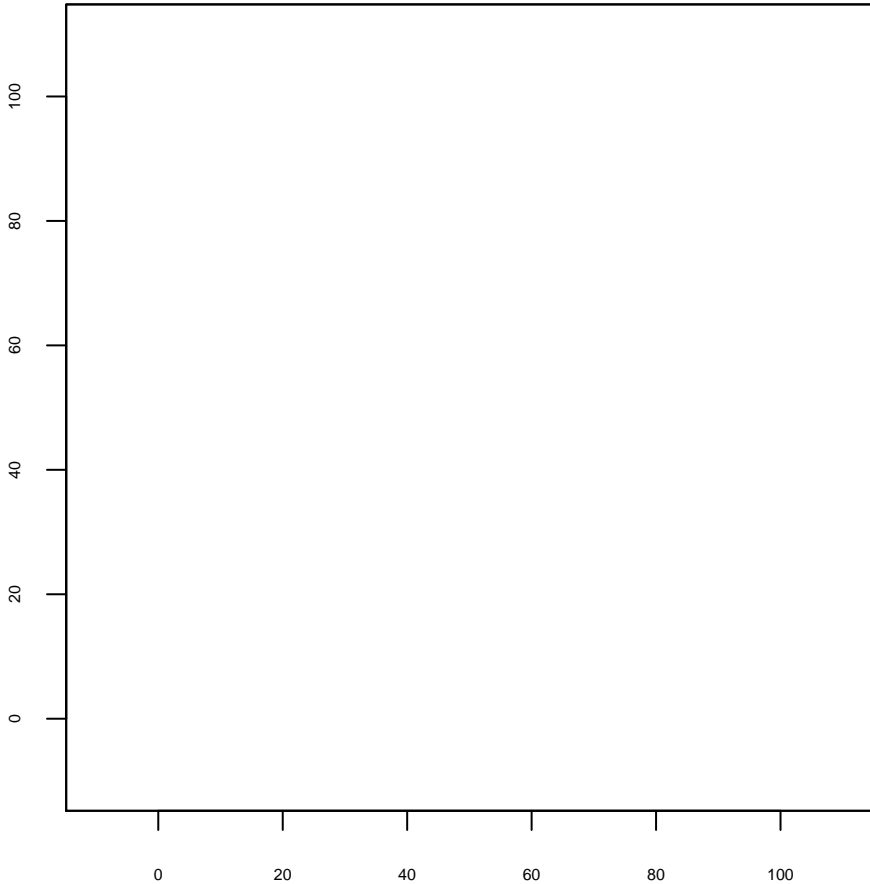
Plot 47 Upper left



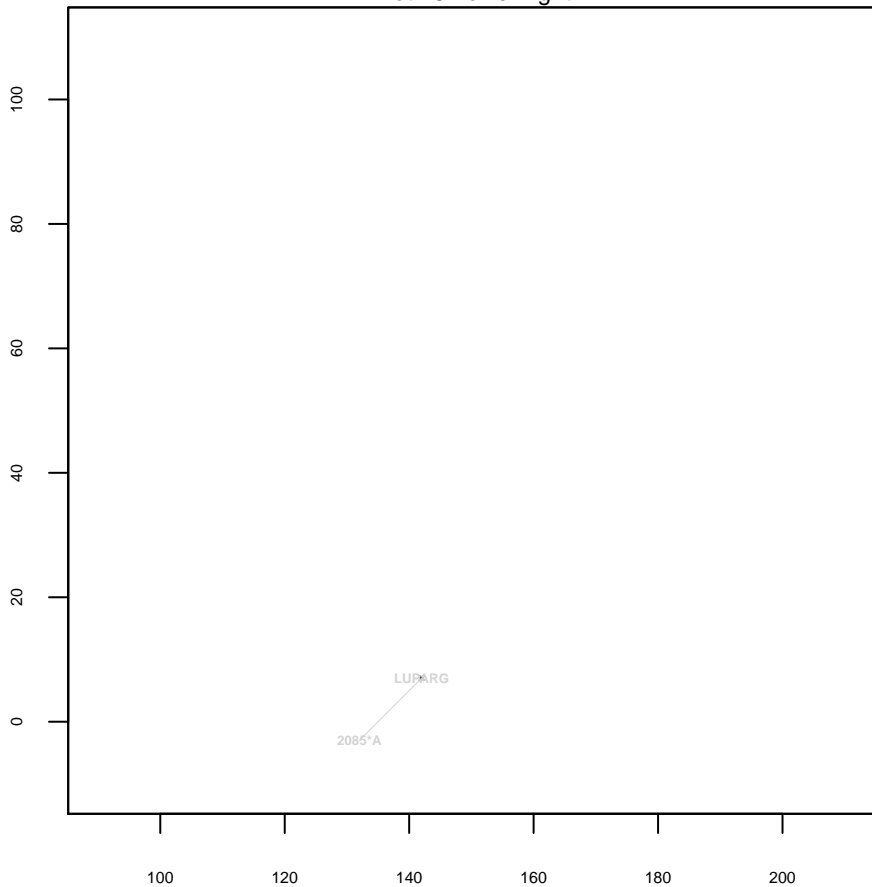
Plot 47 Upper right



Plot 48 Lower left



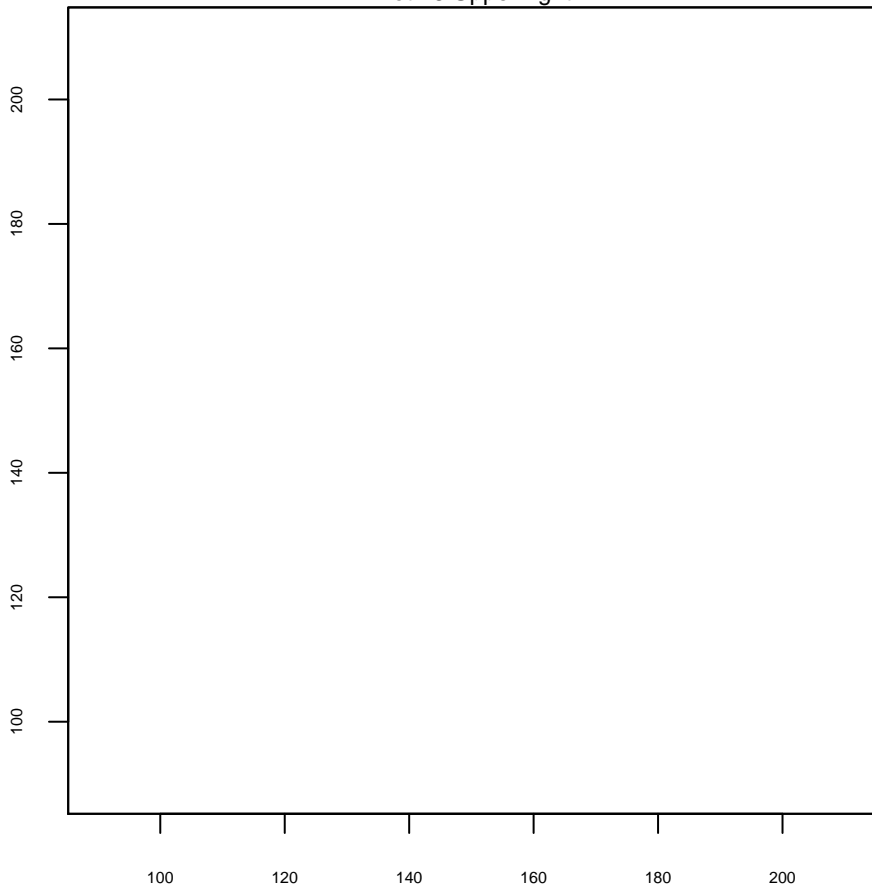
Plot 48 Lower right



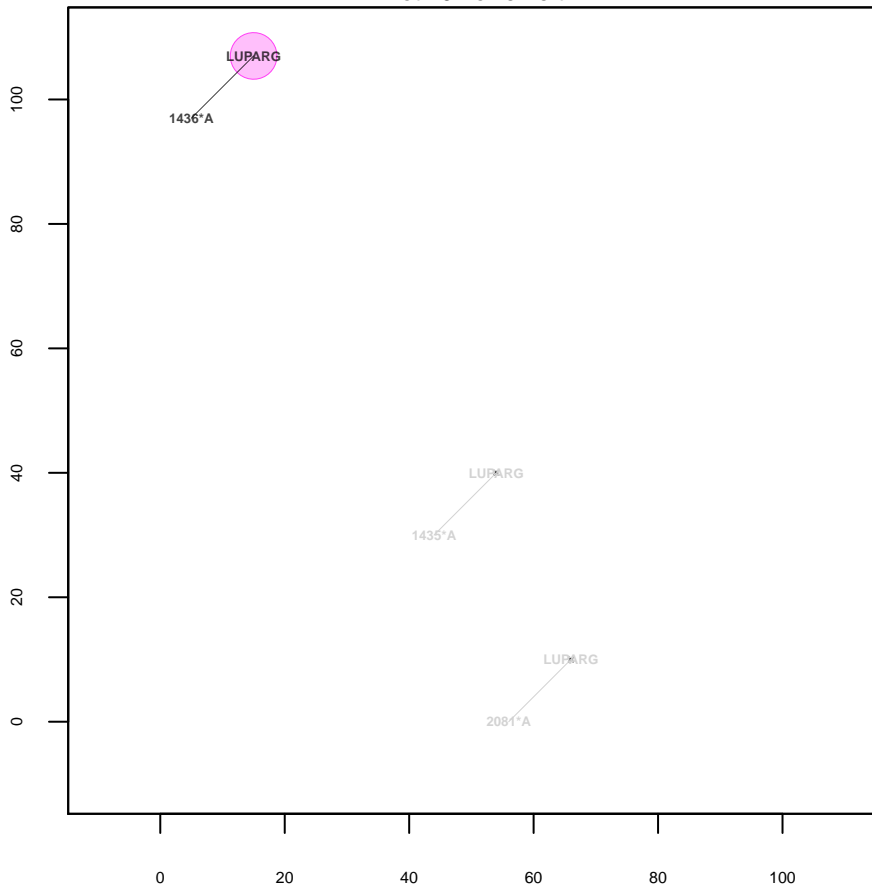
Plot 48 Upper left



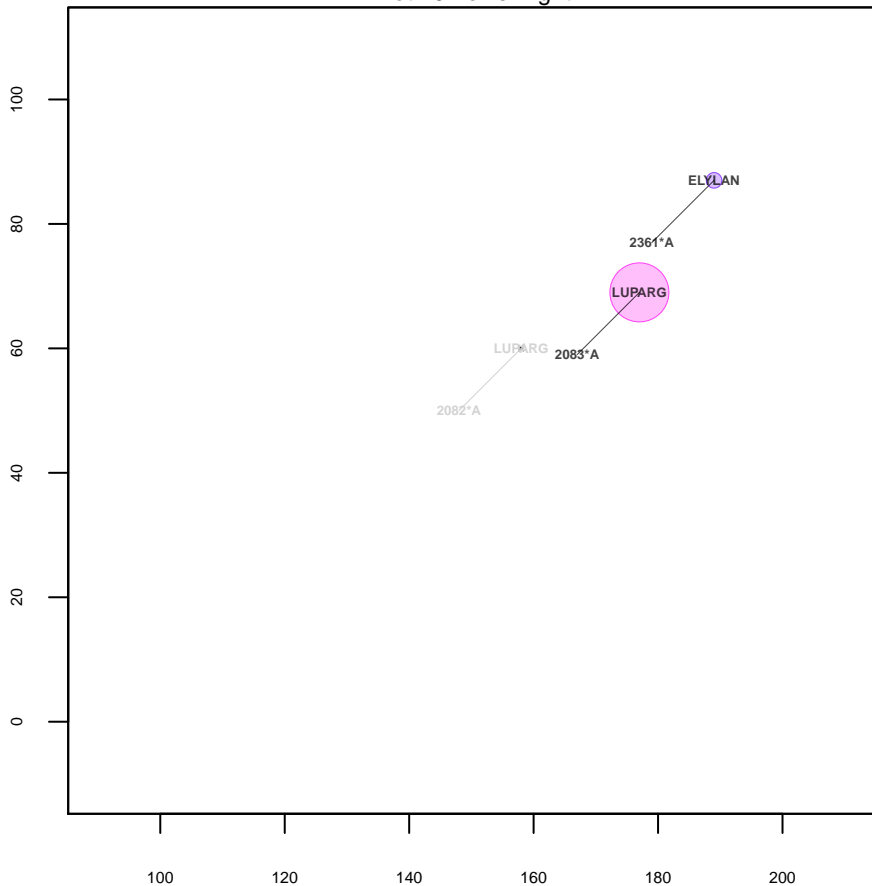
Plot 48 Upper right



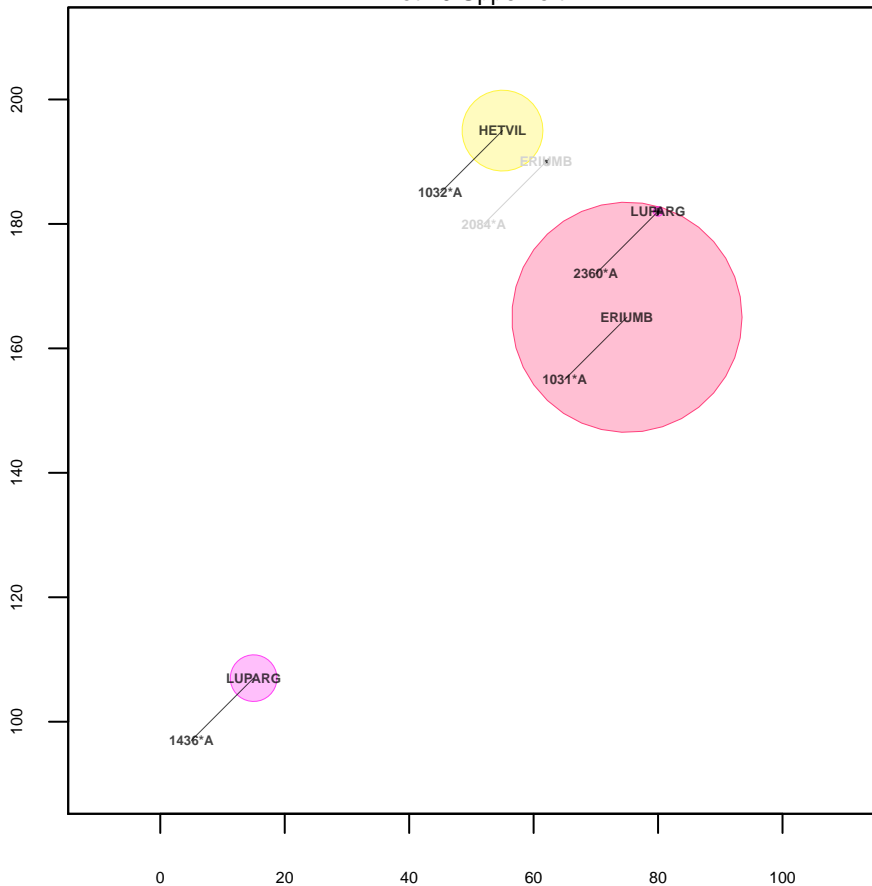
Plot 49 Lower left



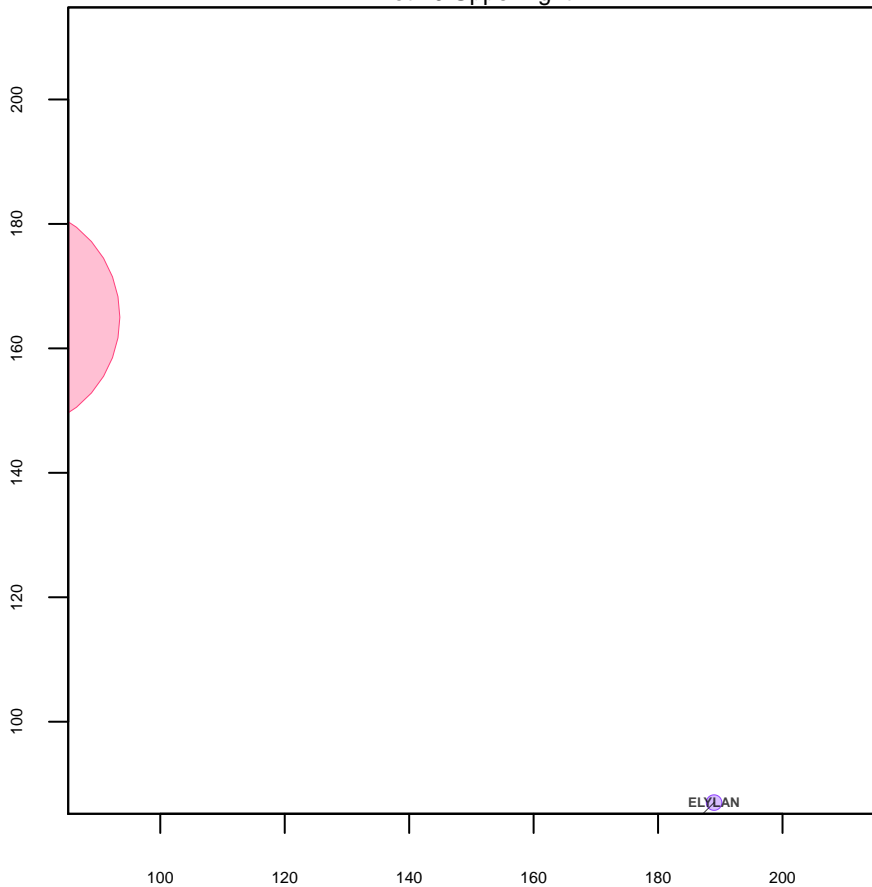
Plot 49 Lower right



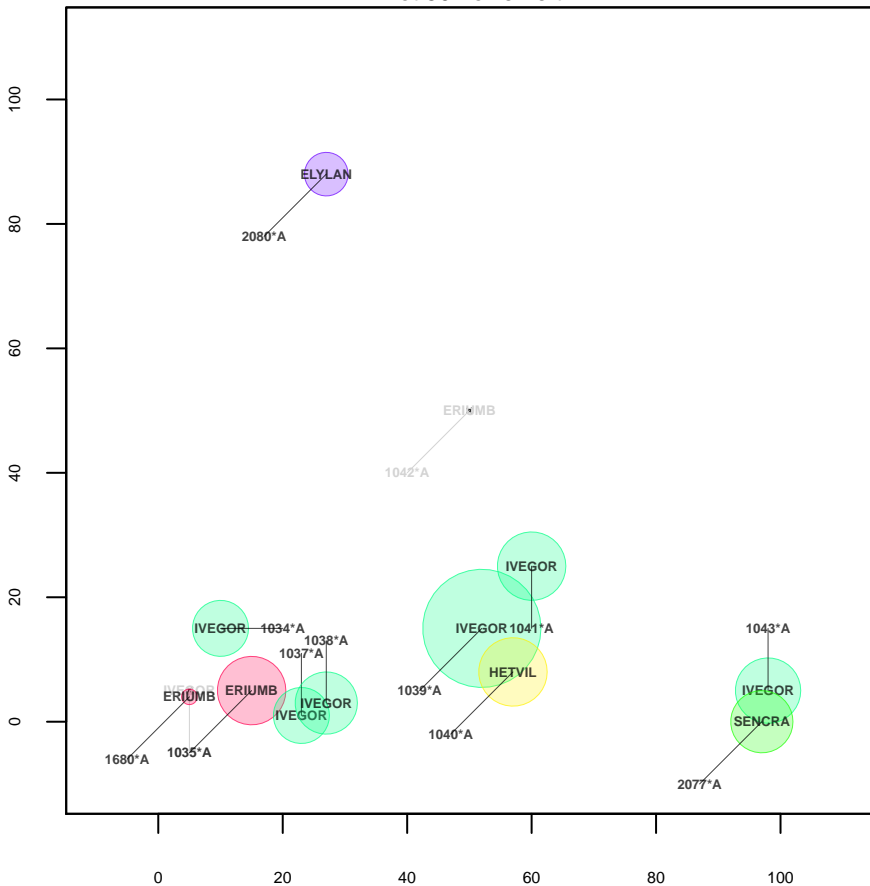
Plot 49 Upper left



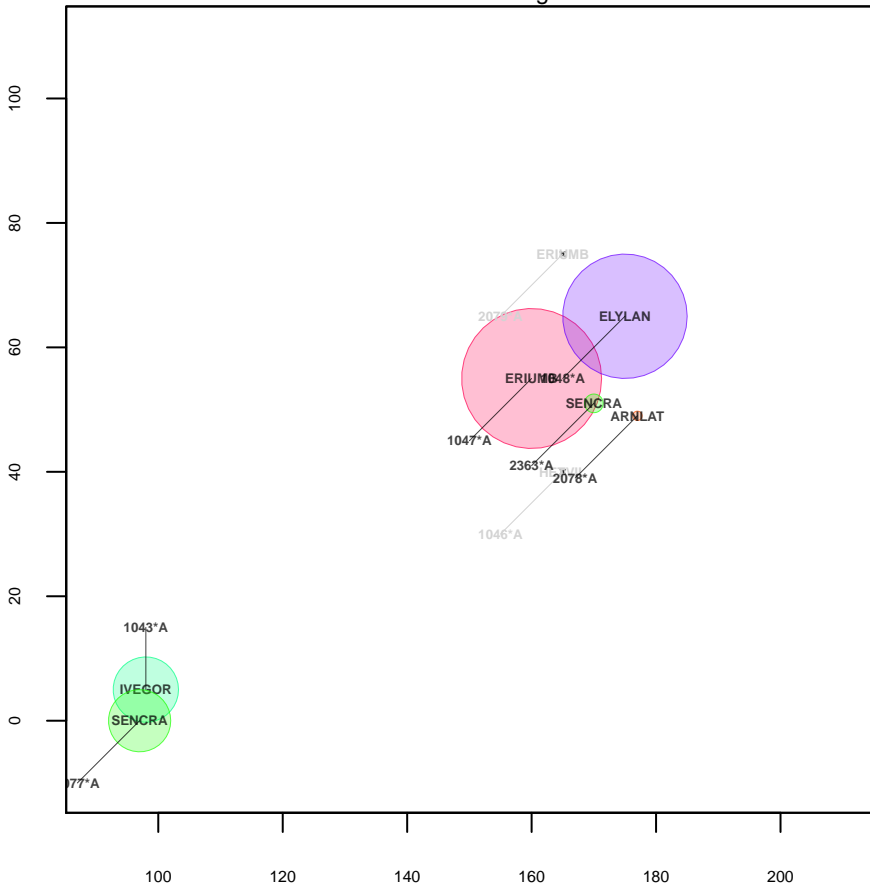
Plot 49 Upper right



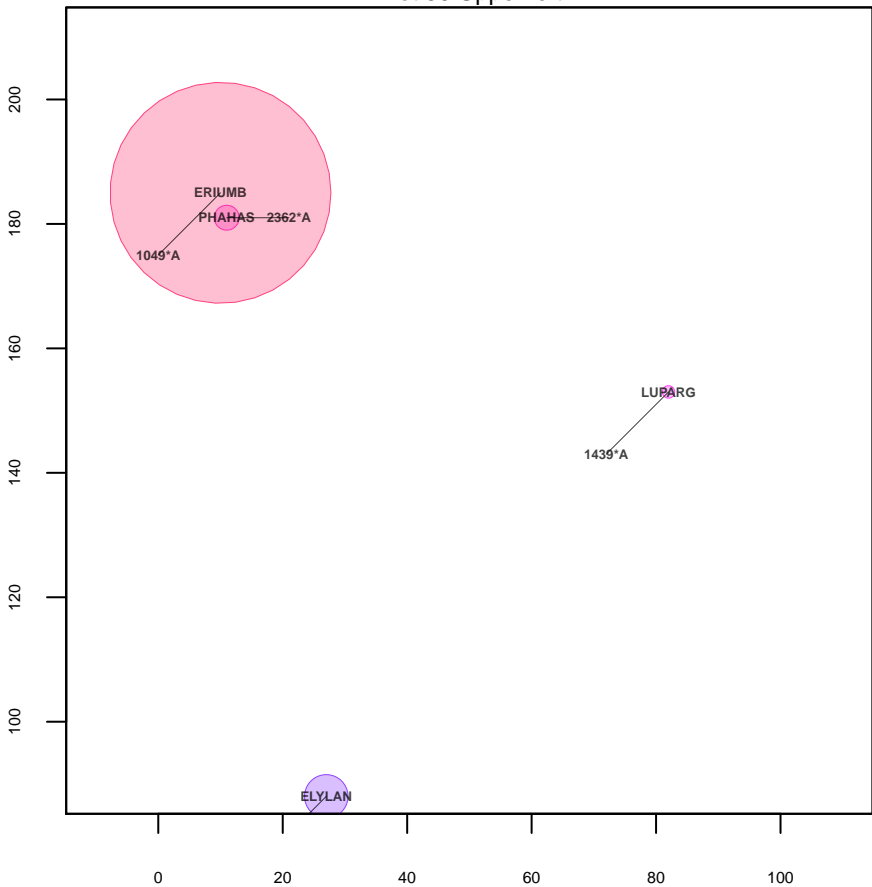
Plot 50 Lower left



Plot 50 Lower right



Plot 50 Upper left



Plot 50 Upper right

