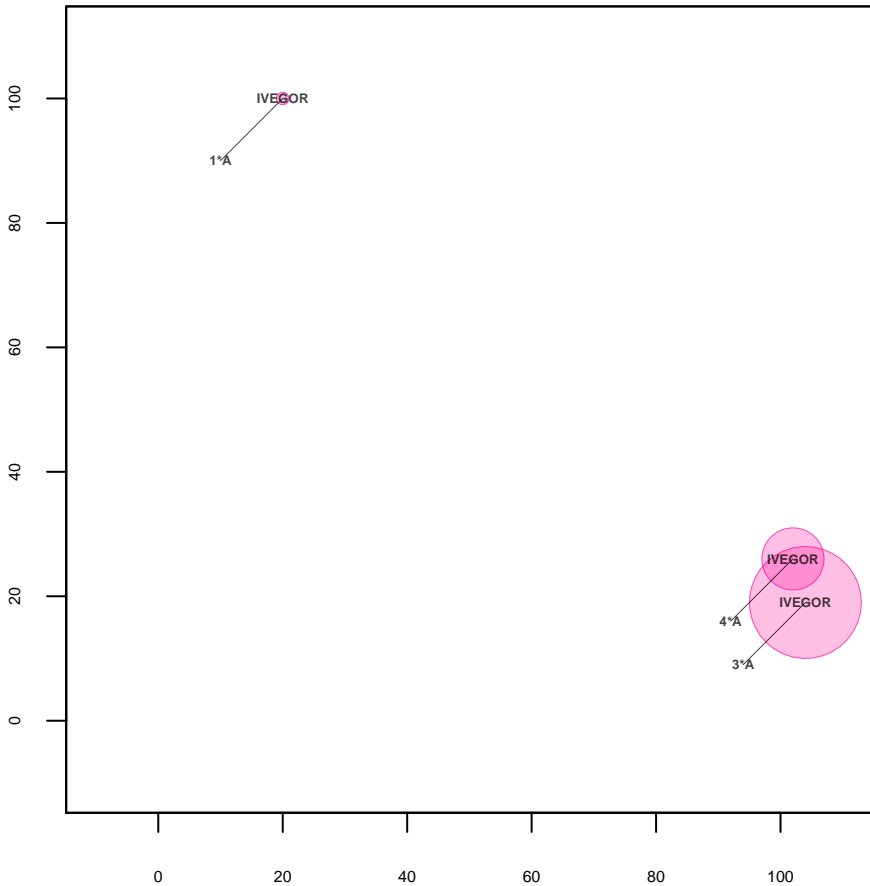
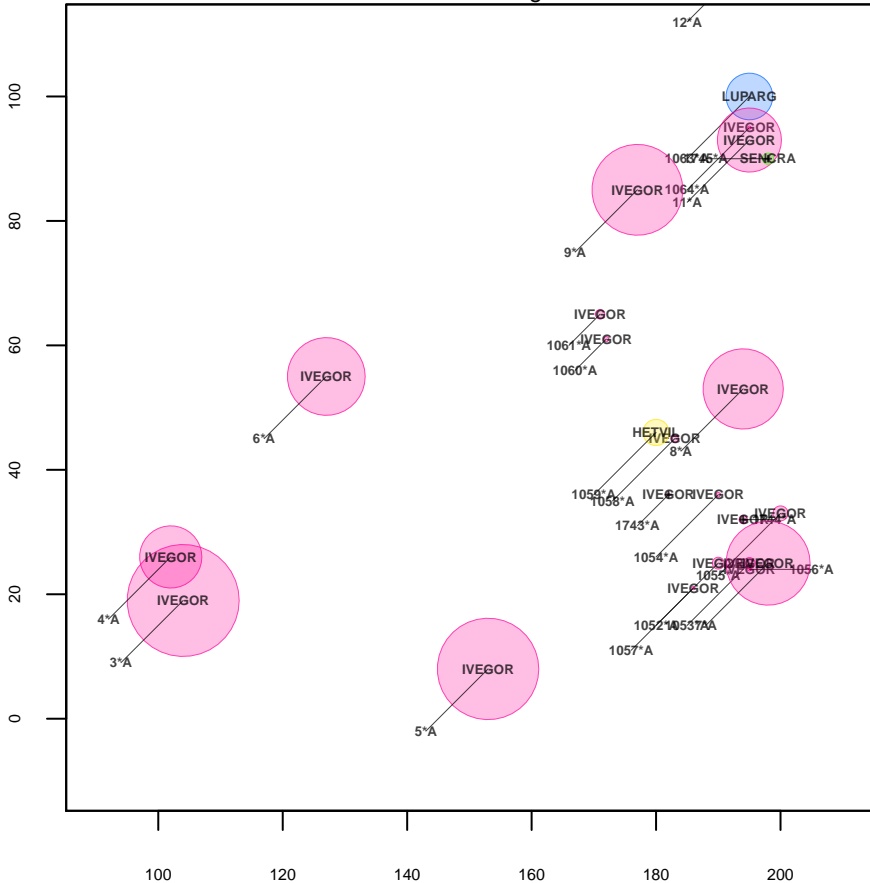


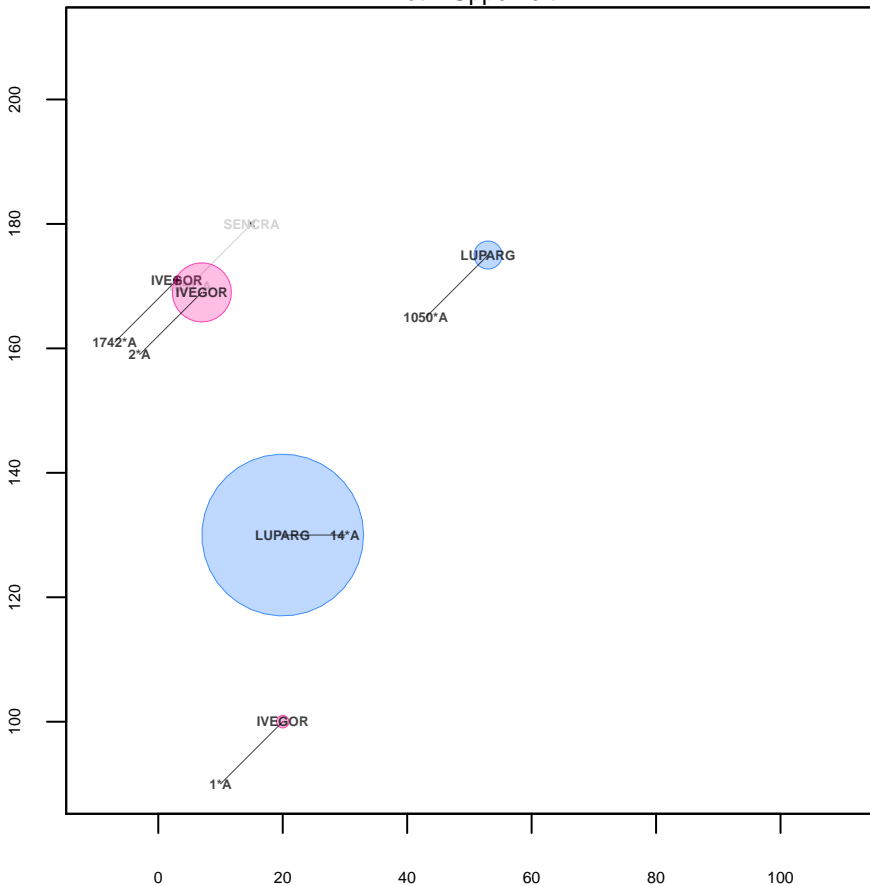
Plot 1 Lower left



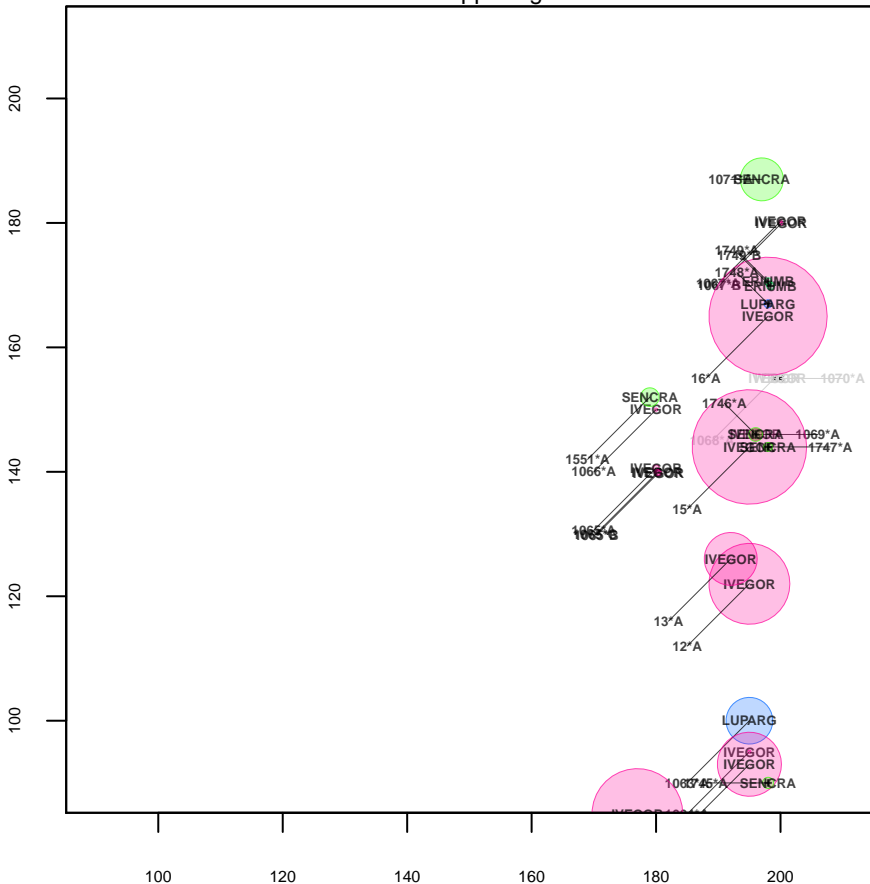
Plot 1 Lower right



Plot 1 Upper left



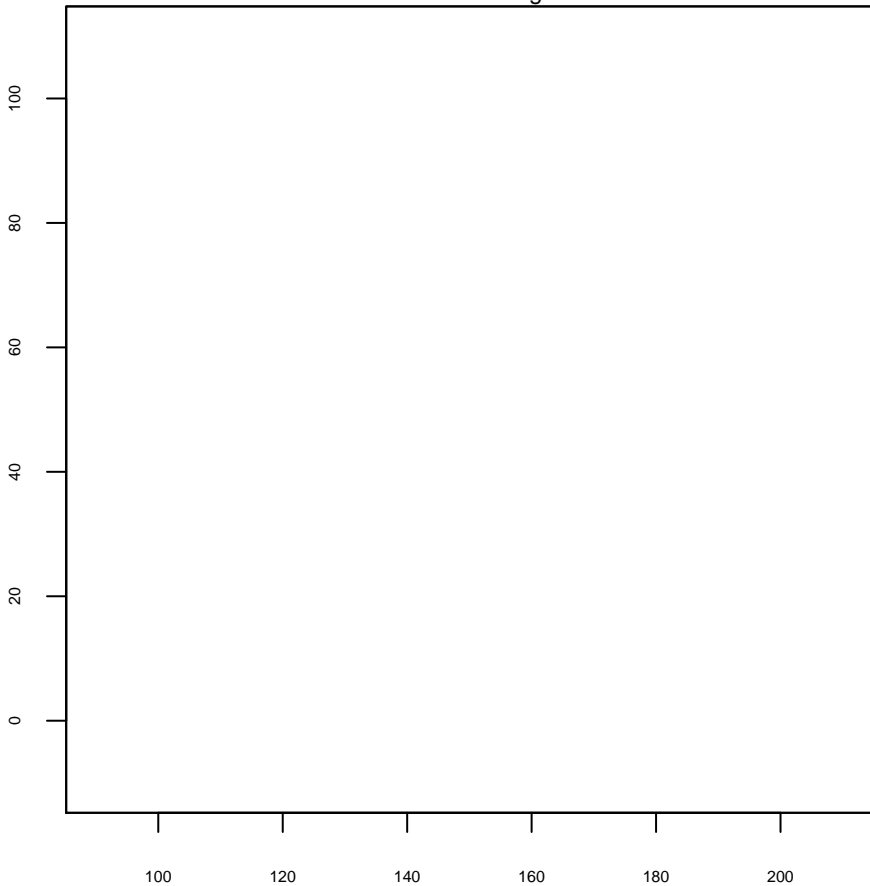
### Plot 1 Upper right



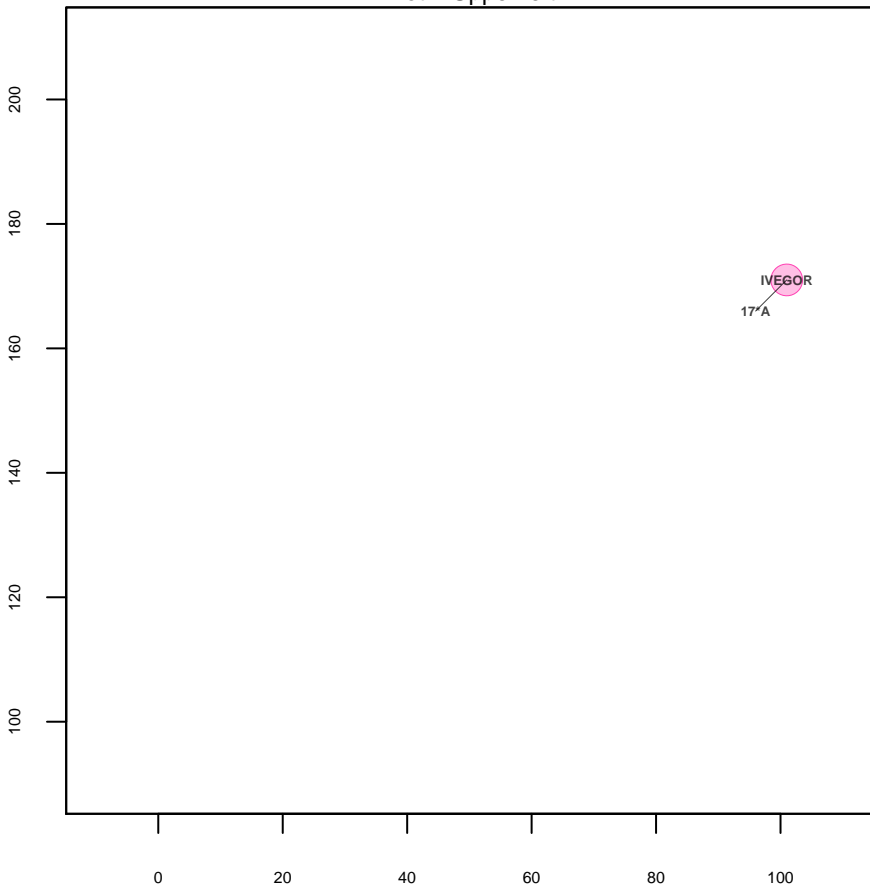
Plot 2 Lower left



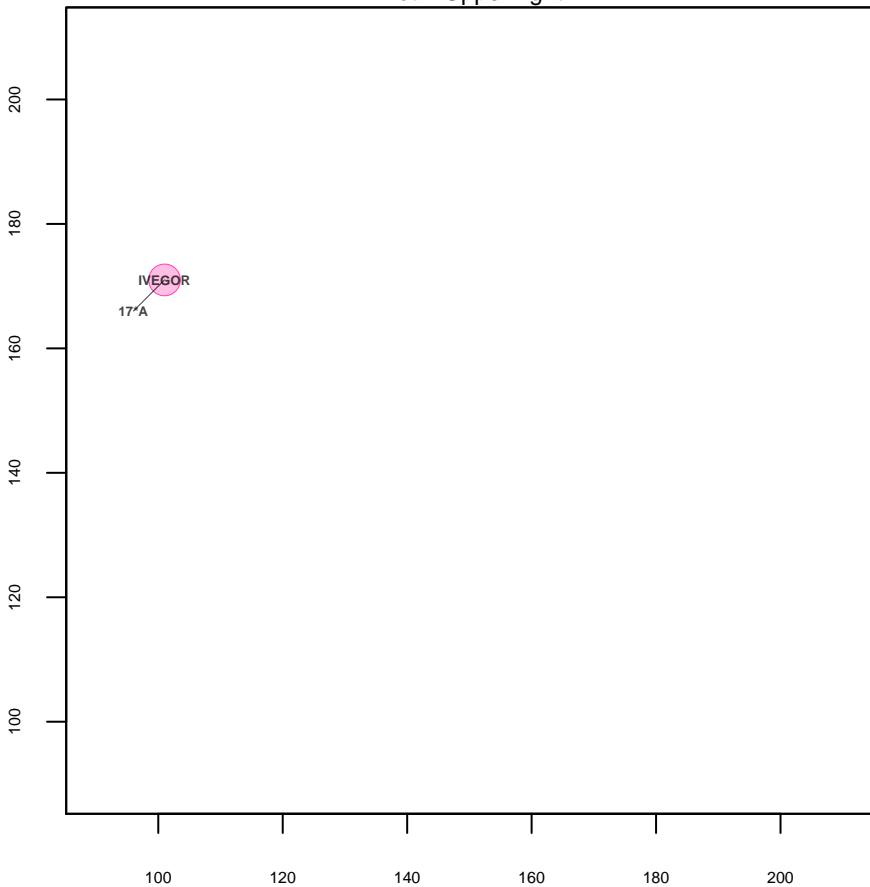
Plot 2 Lower right



Plot 2 Upper left

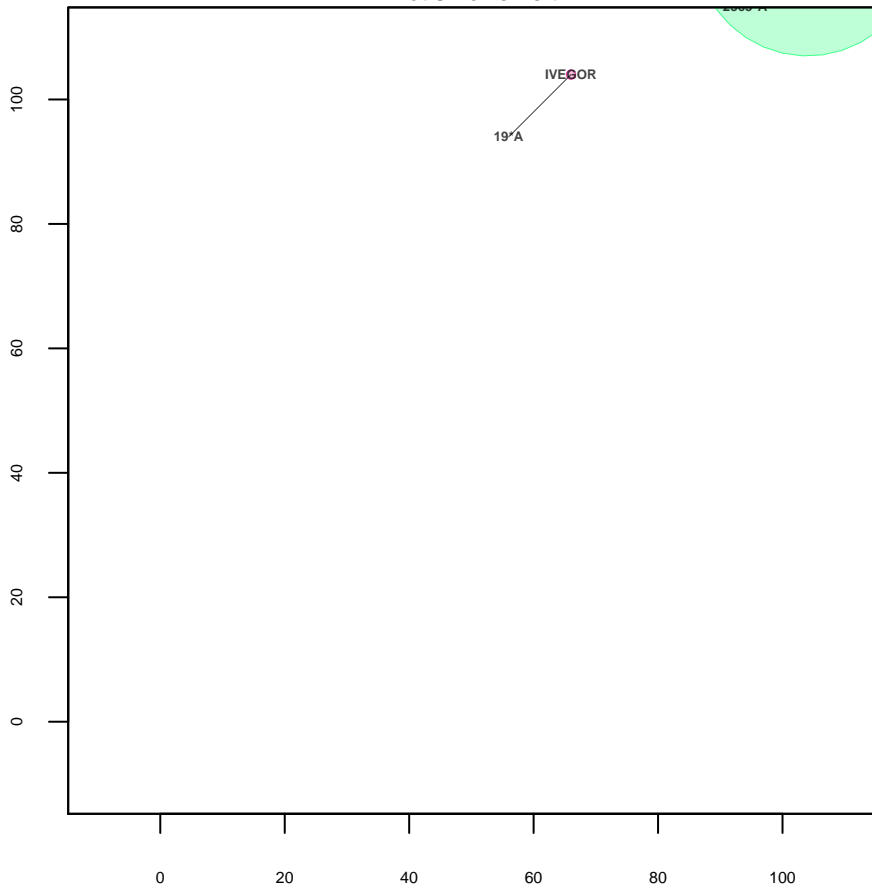


Plot 2 Upper right

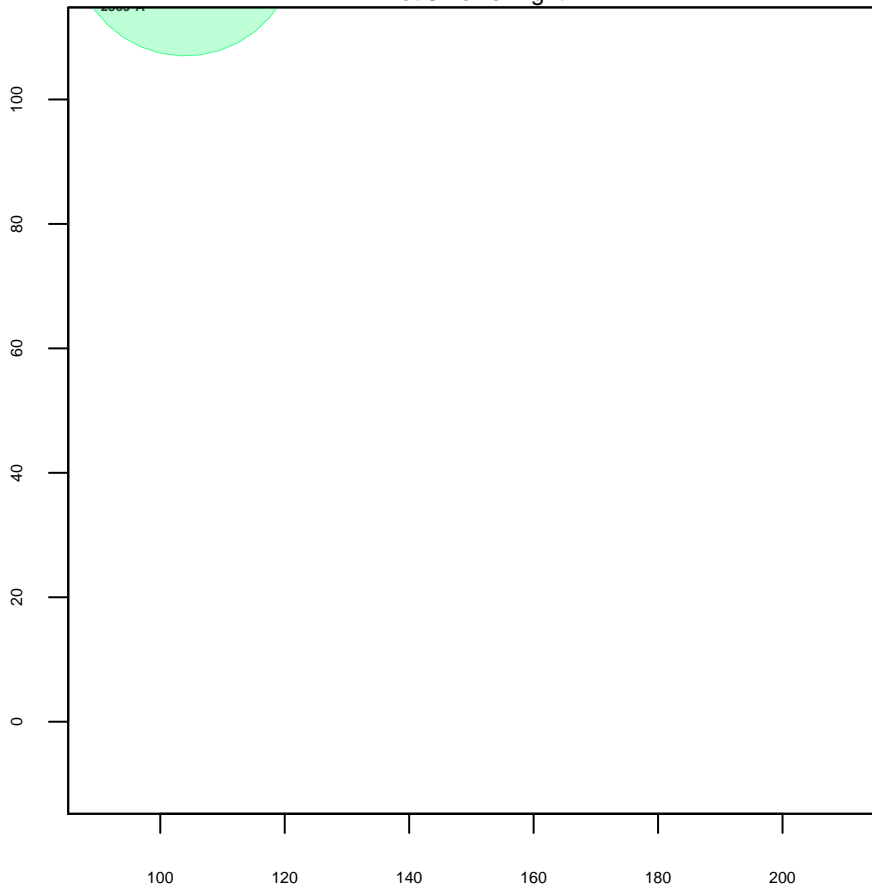




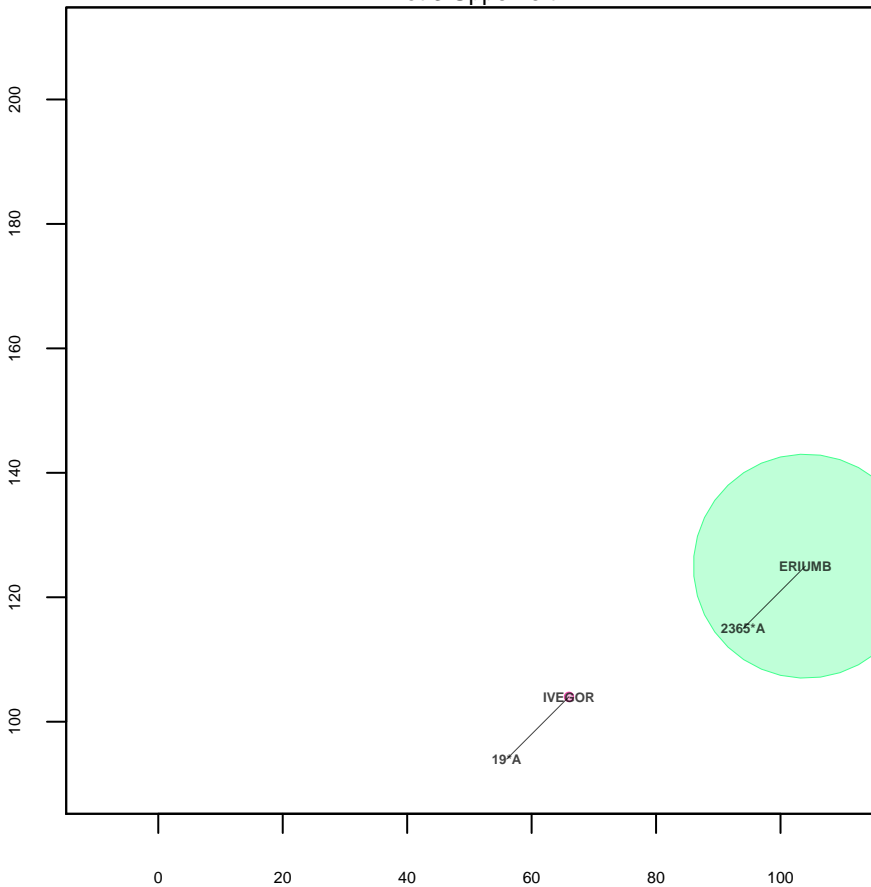
Plot 3 Lower left



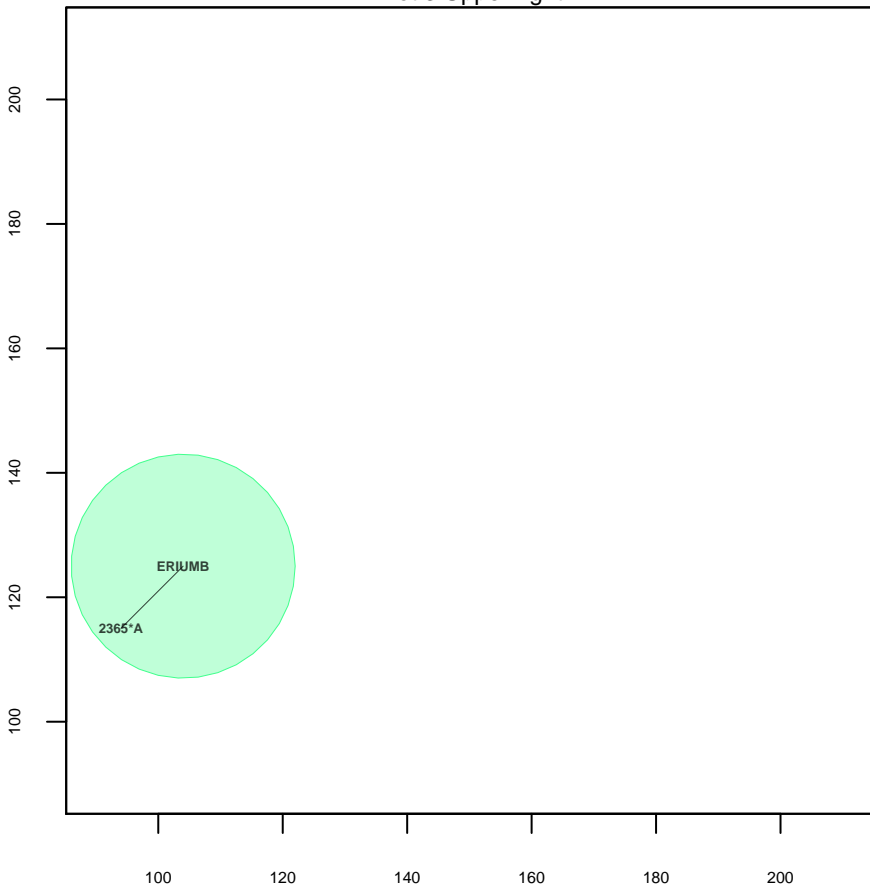
Plot 3 Lower right



Plot 3 Upper left



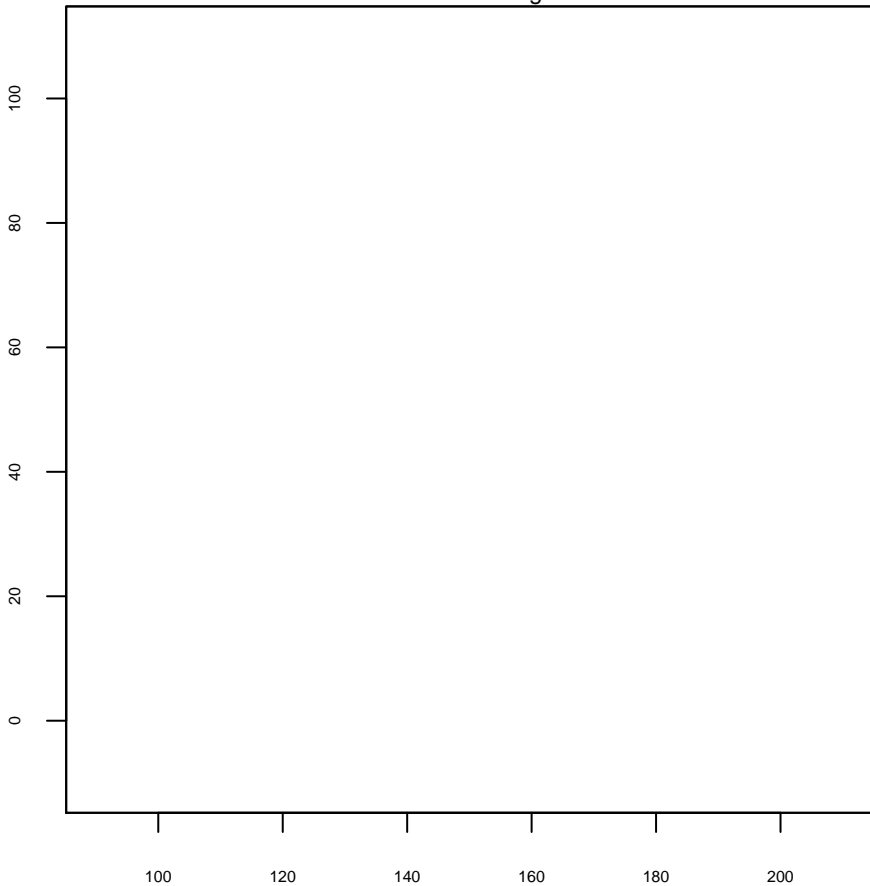
Plot 3 Upper right



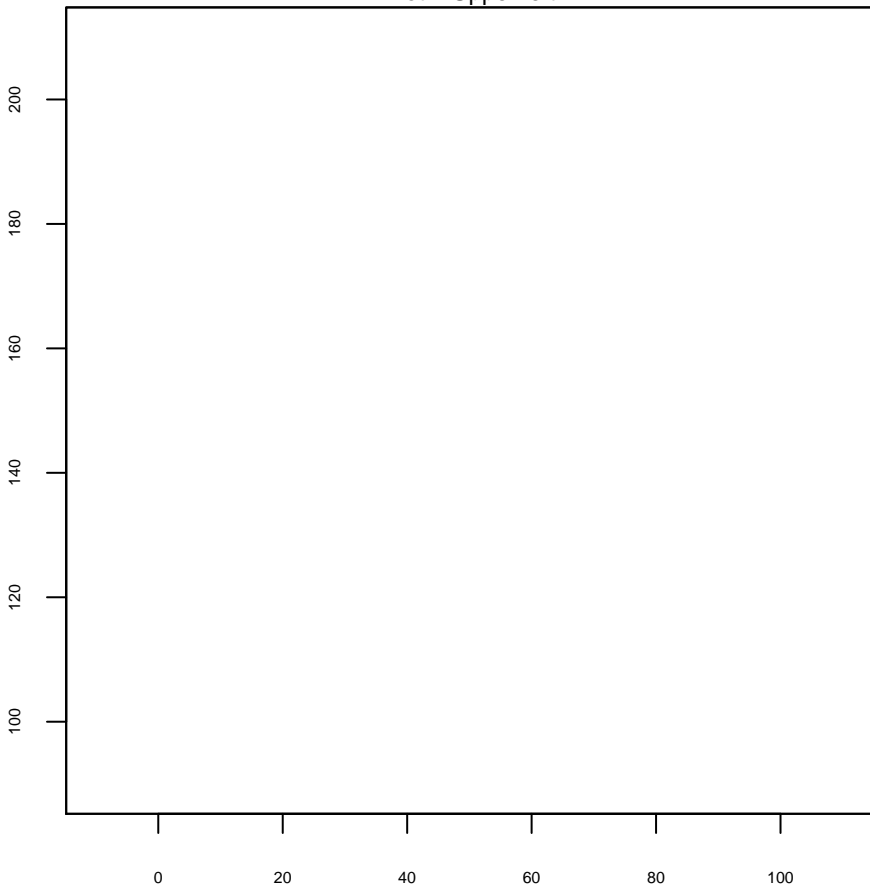
Plot 4 Lower left



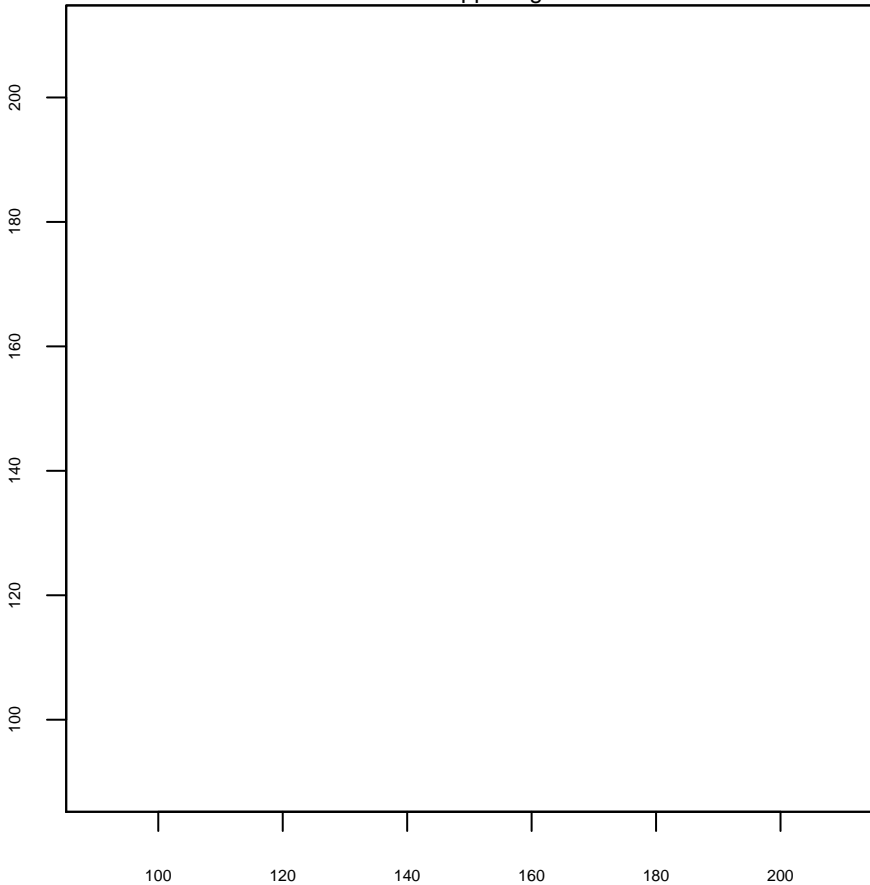
Plot 4 Lower right



Plot 4 Upper left

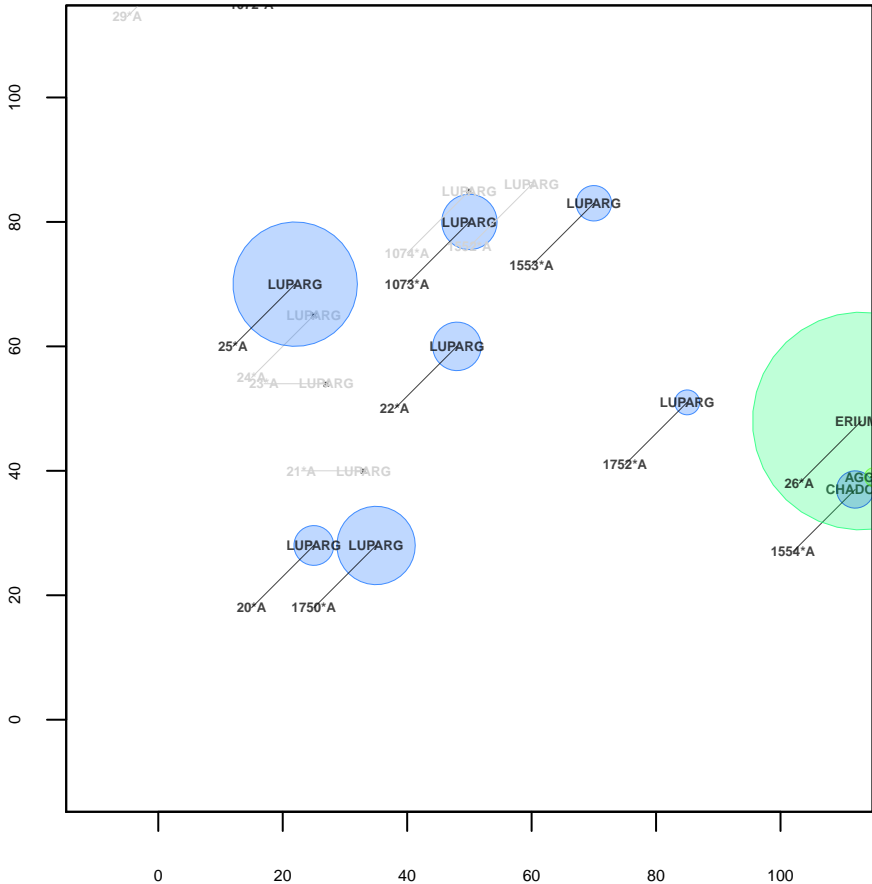


Plot 4 Upper right

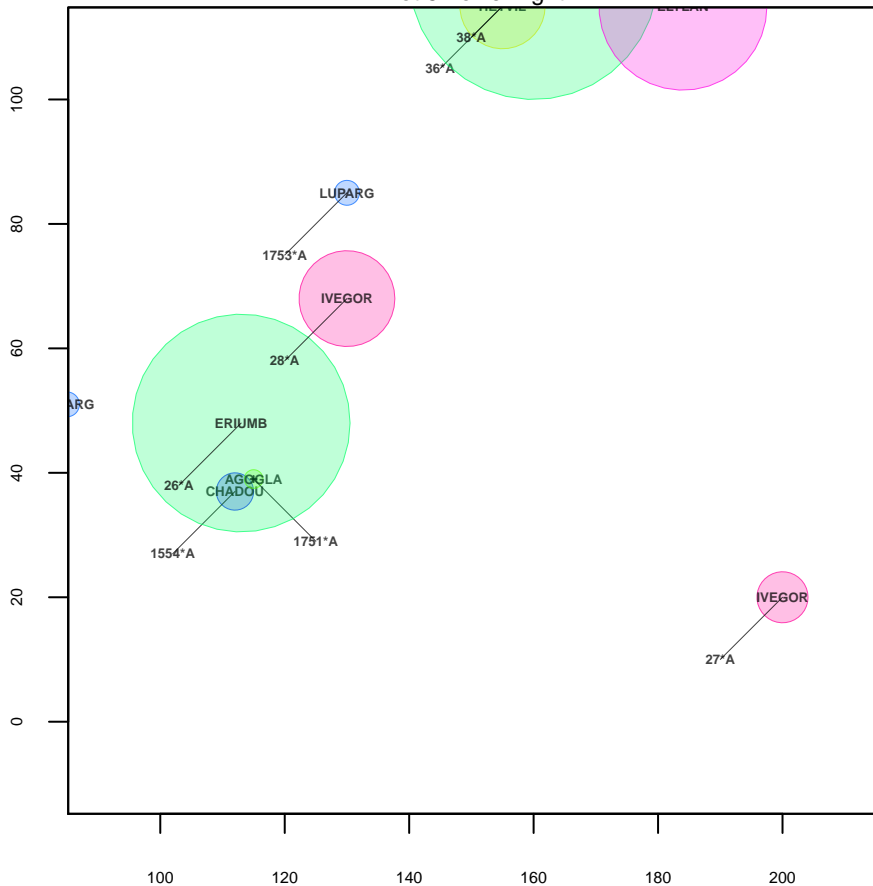




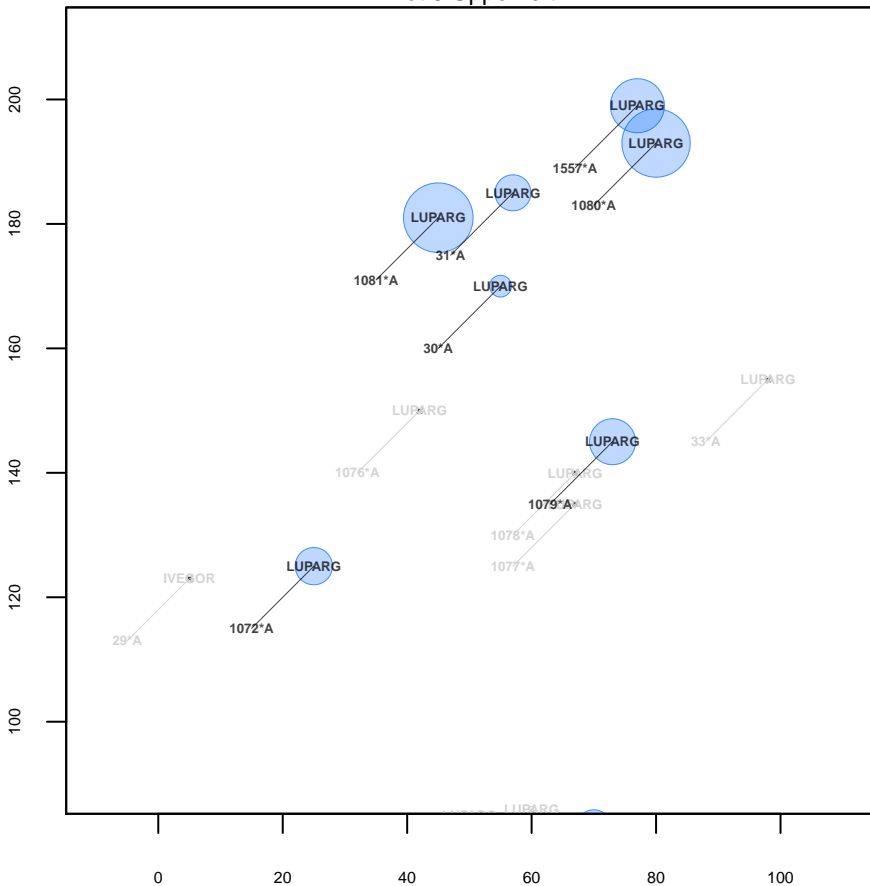
Plot 5 Lower left



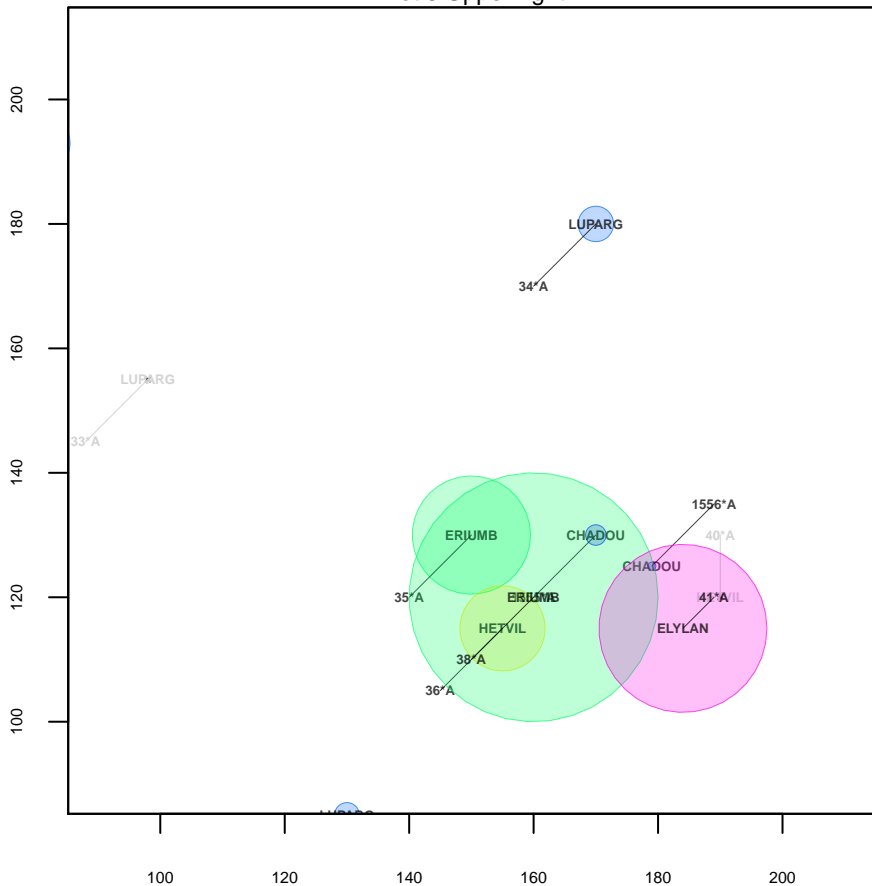
Plot 5 Lower right



Plot 5 Upper left



Plot 5 Upper right



Plot 6 Lower left

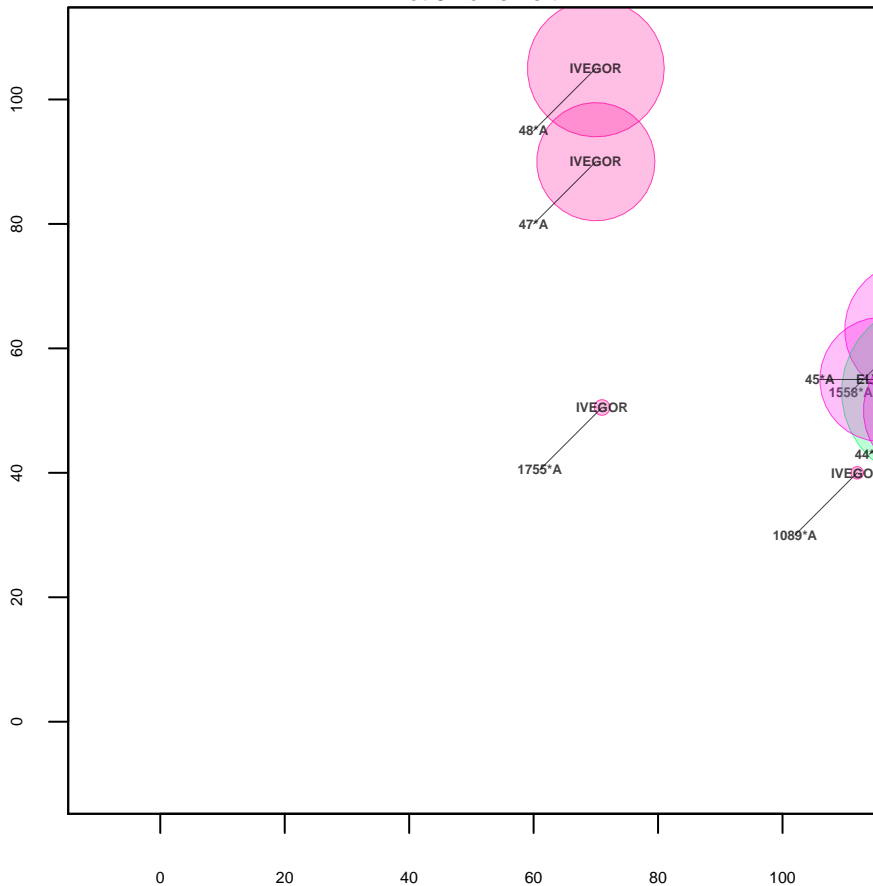
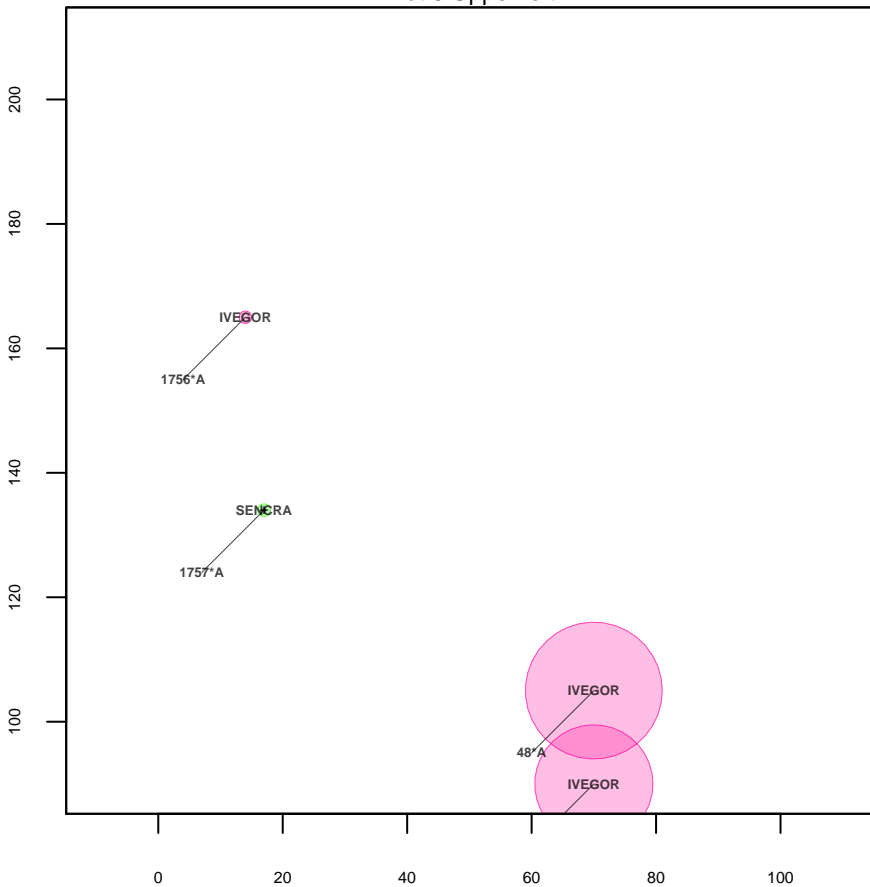


Figure 1 is a scatter plot showing the relationship between the number of amino acids (A) and the number of residues (R) for various proteins. The x-axis represents the number of residues (R) from 100 to 200, and the y-axis represents the number of amino acids (A) from 0 to 200. Data points are labeled with protein names and their corresponding (R, A) coordinates. Three overlapping circles (pink, green, and purple) highlight specific clusters of proteins. The pink circle contains IVEGOR (135, 51) and a cluster of ELYLAN, ERJUMB, and IVEGOR. The green circle contains ELYLAN, ERJUMB, and IVEGOR. The purple circle contains ELYLAN, ERJUMB, and IVEGOR. The cluster of ELYLAN, ERJUMB, and IVEGOR is further highlighted by a pink circle. The IVEGOR protein is also highlighted by a pink circle. The IVEGOR protein is also highlighted by a pink circle.

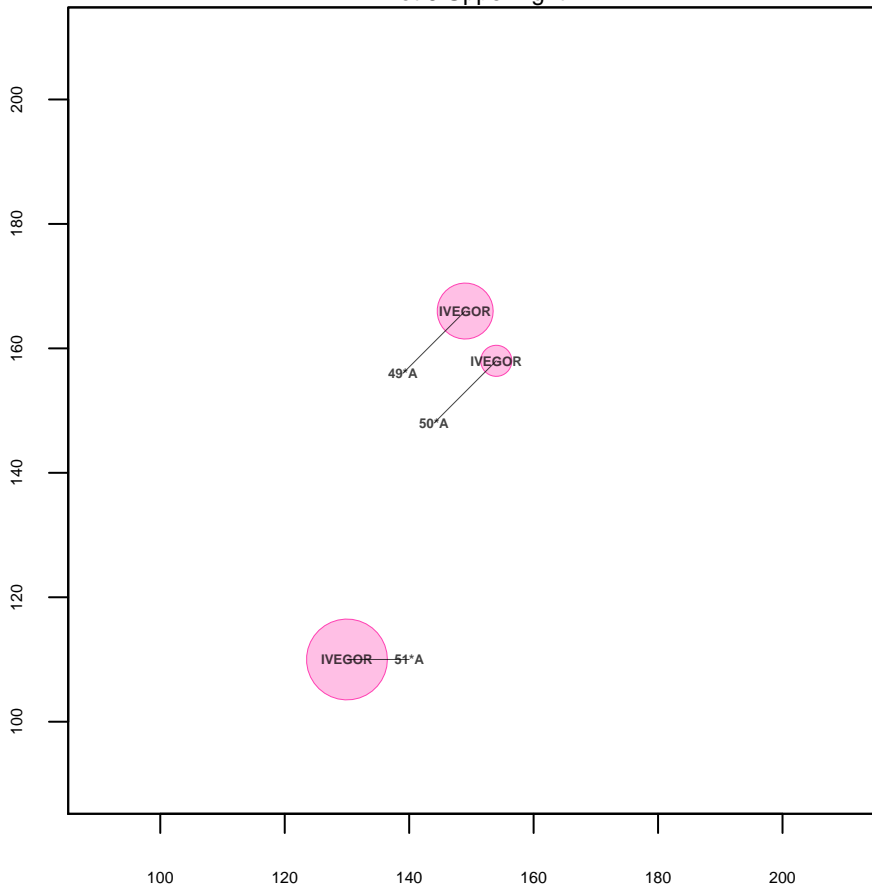
Protein	Residues (R)	Amino Acids (A)
IVEGOR	135	51
ELYLAN	115	45
ERJUMB	115	44
IVEGOR	115	44
IVEGOR	1089	1089
IVEGOR	1085	1085
IVEGOR	1084	1084
IVEGOR	1083	1083
IVEGOR	1086	1086
IVEGOR	1754	1754
IVEGOR	1088	1088
IVEGOR	1088	1088



Plot 6 Upper left

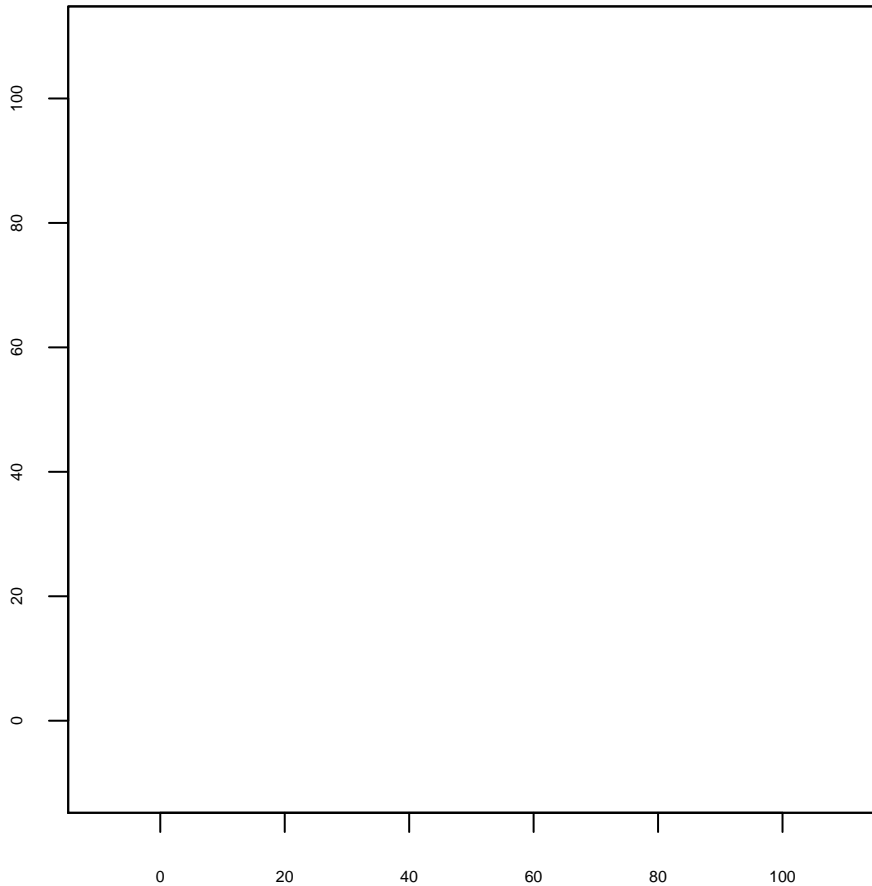


Plot 6 Upper right

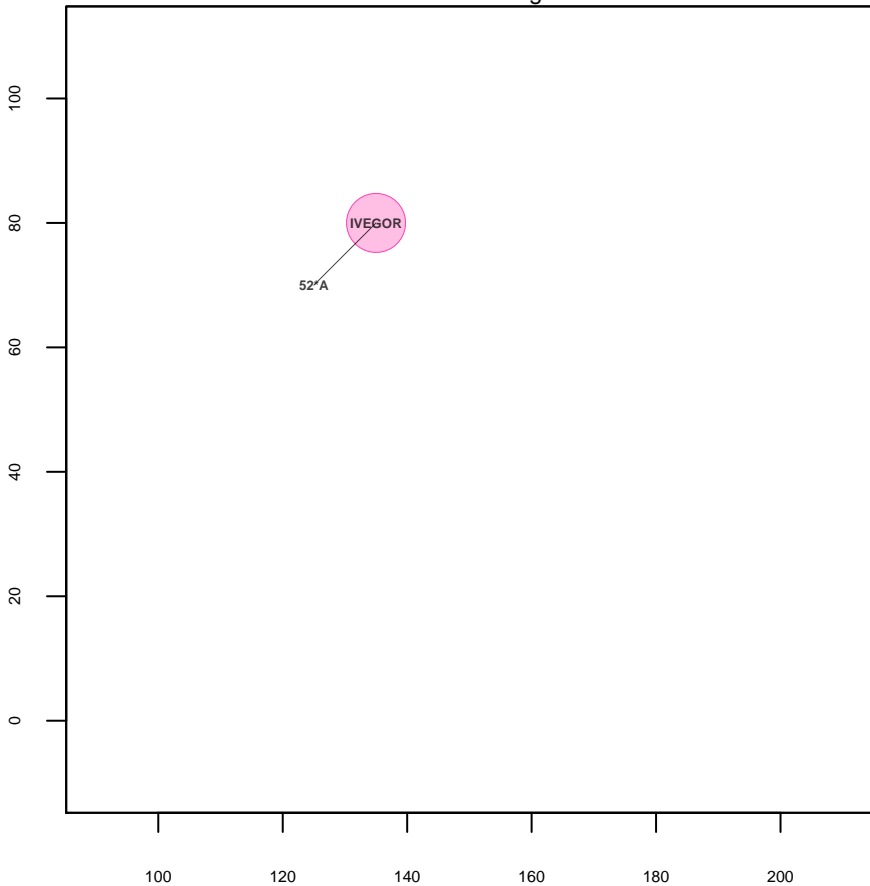




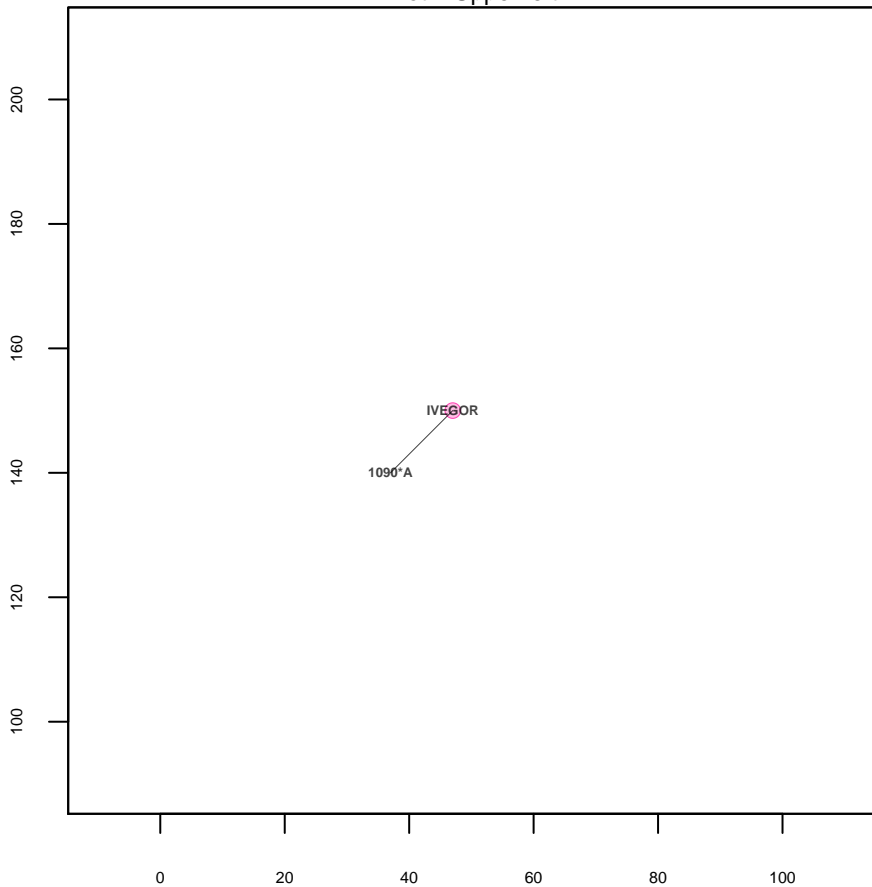
Plot 7 Lower left



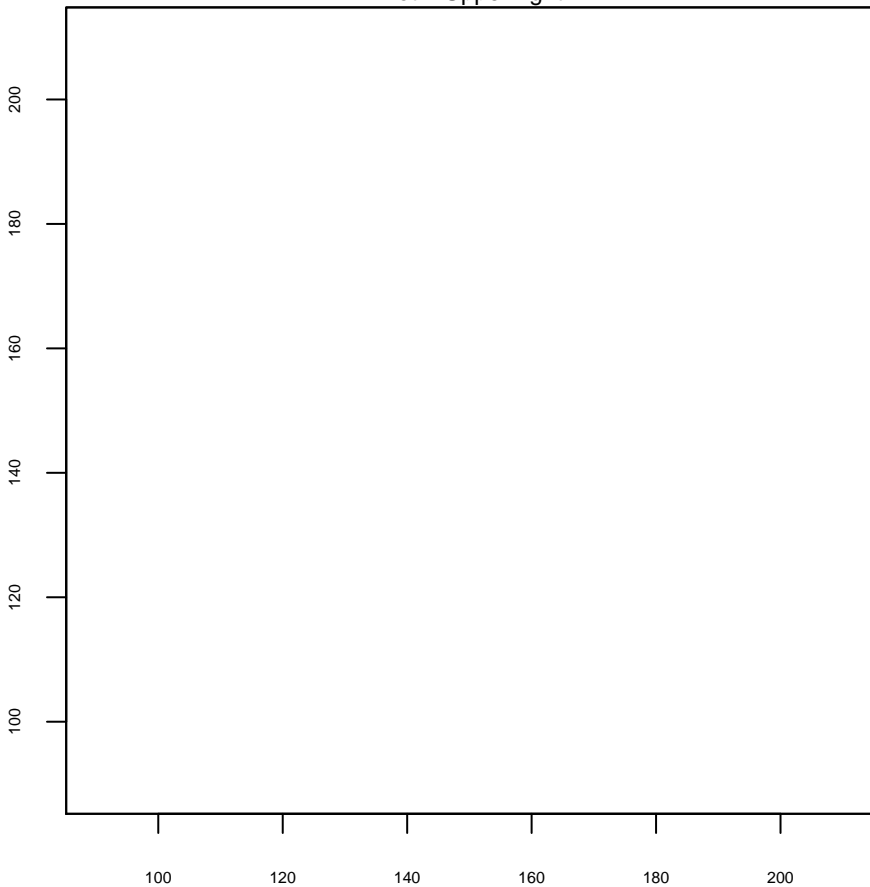
Plot 7 Lower right



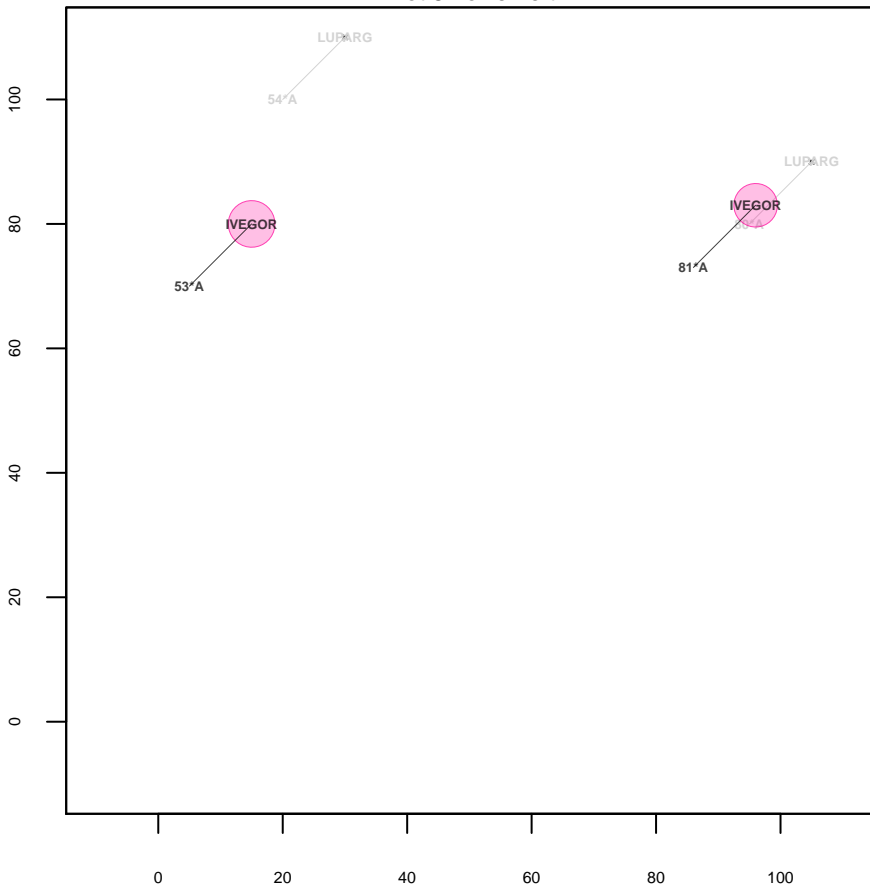
Plot 7 Upper left



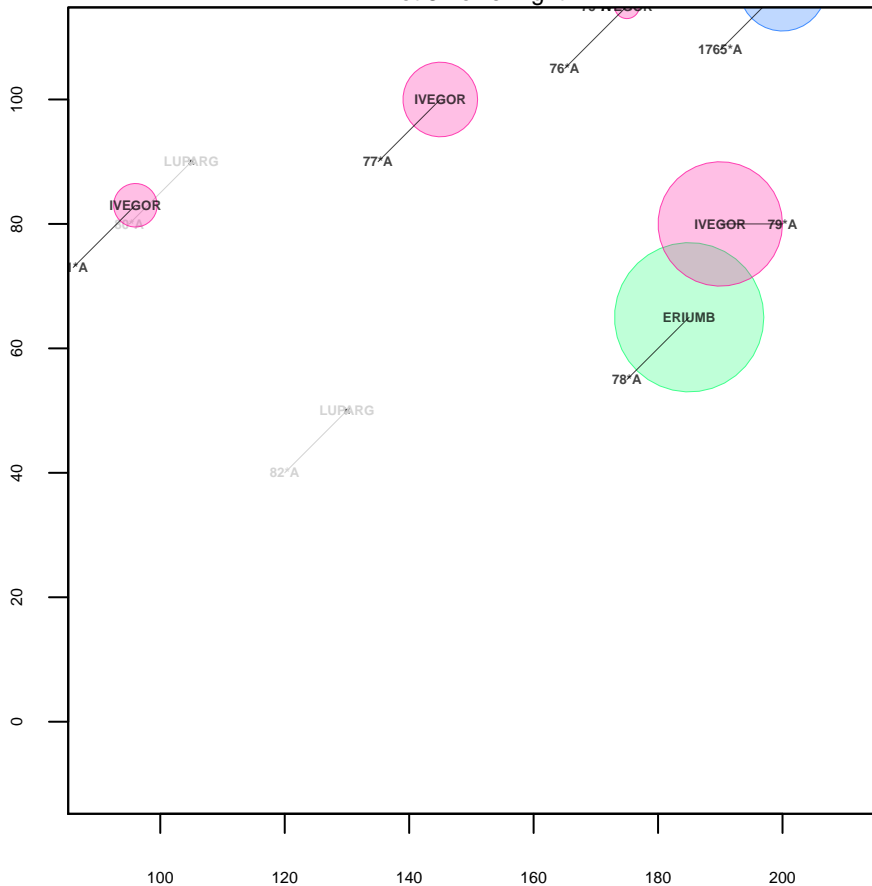
Plot 7 Upper right



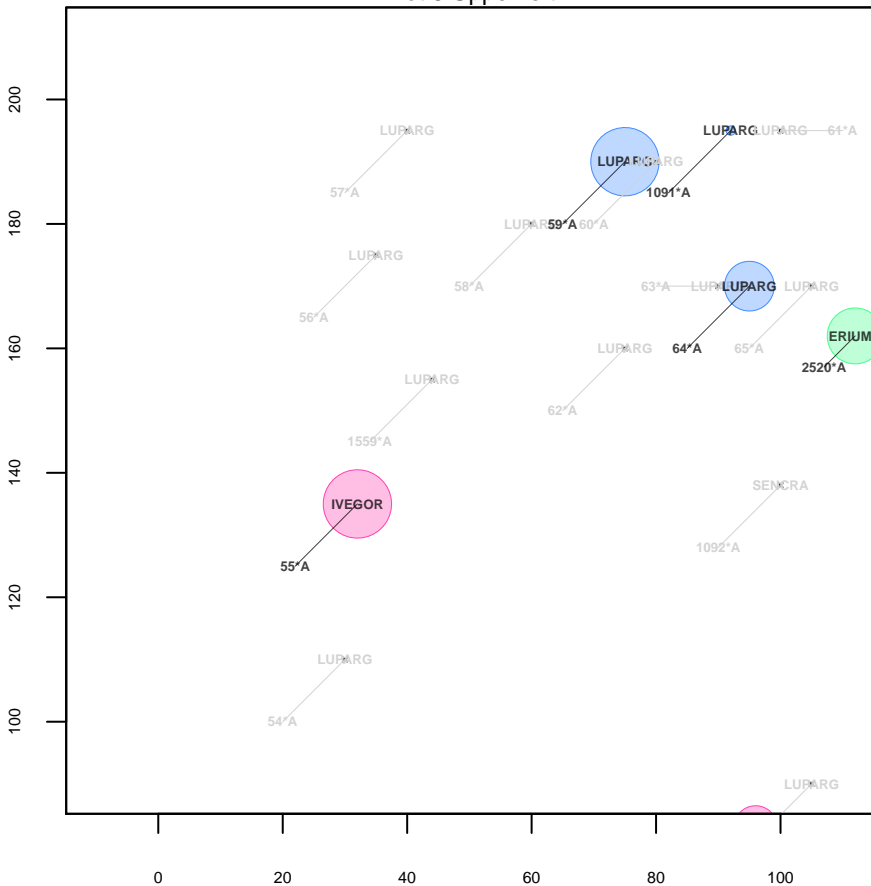
Plot 8 Lower left



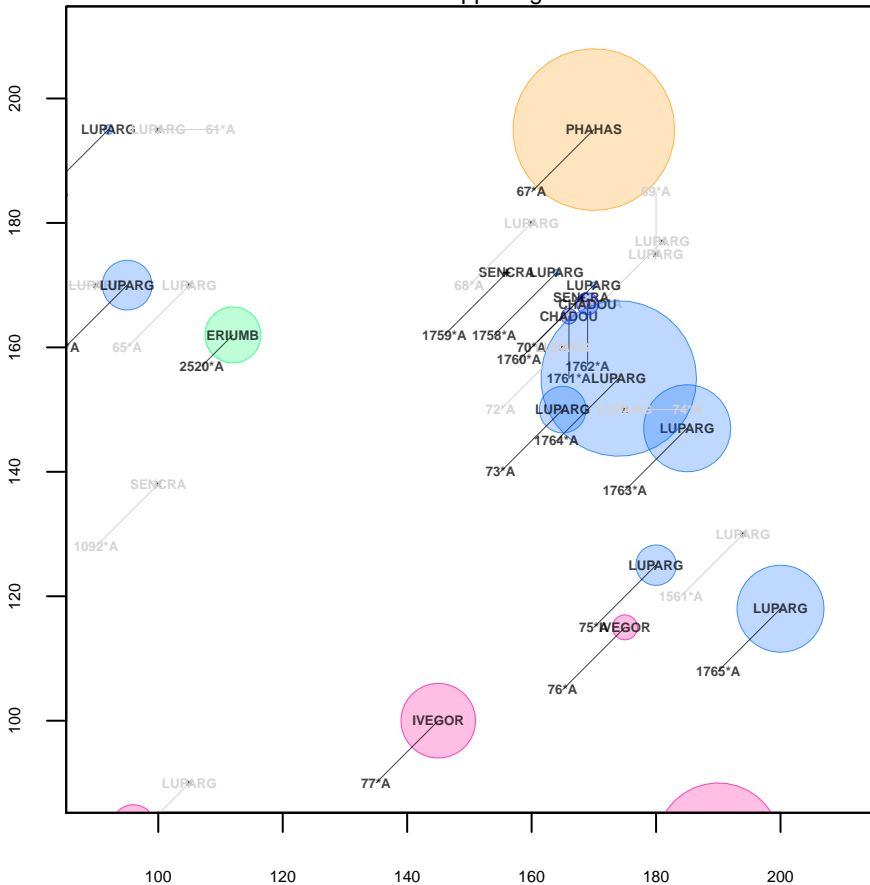
Plot 8 Lower right



Plot 8 Upper left

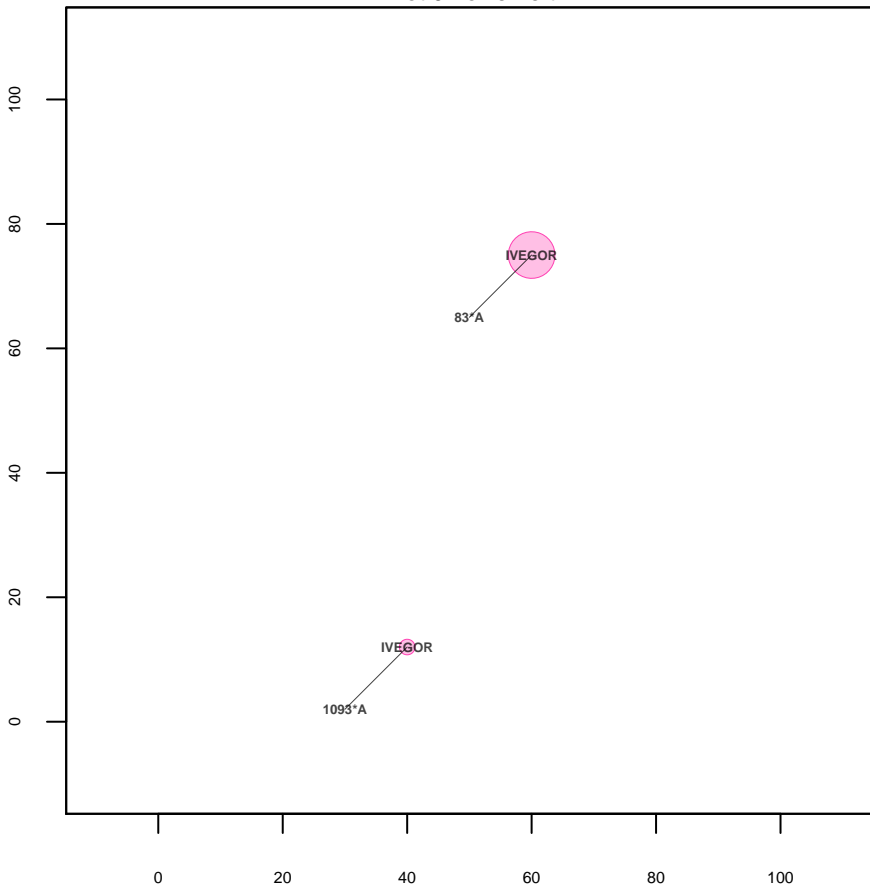


Plot 8 Upper right

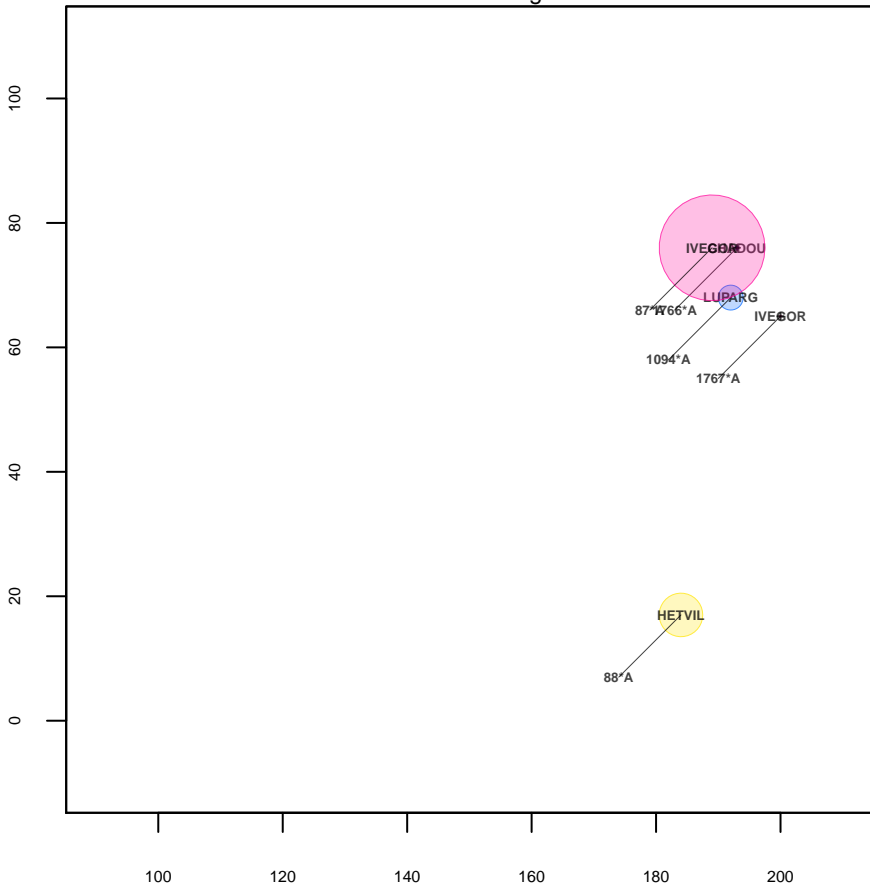




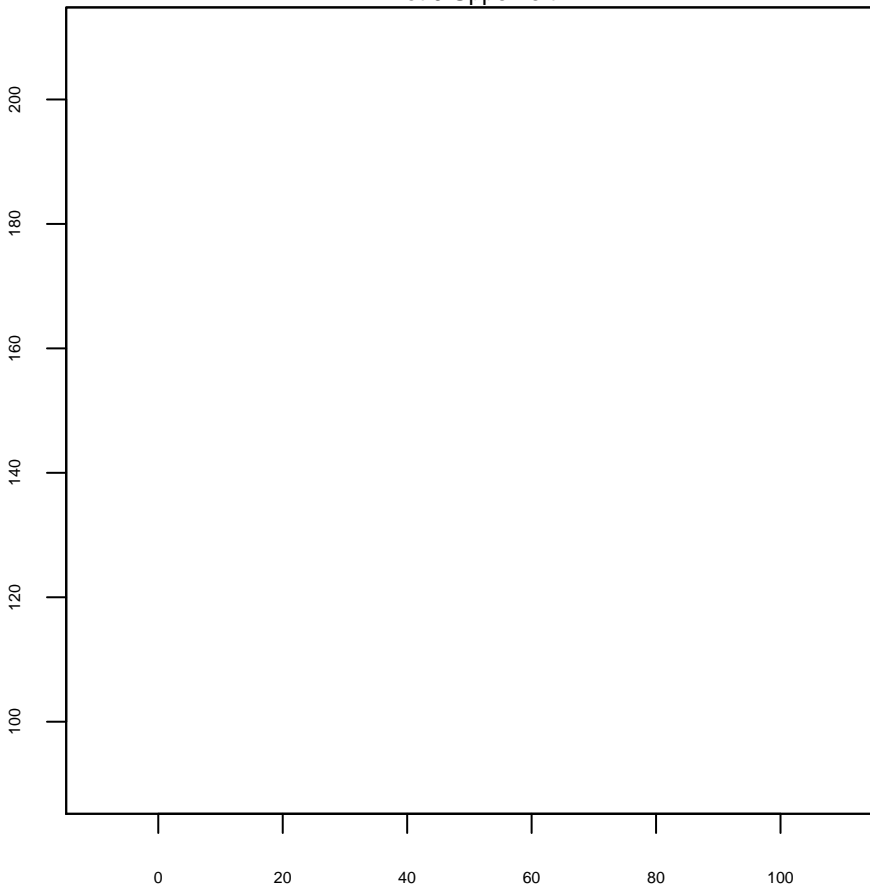
Plot 9 Lower left



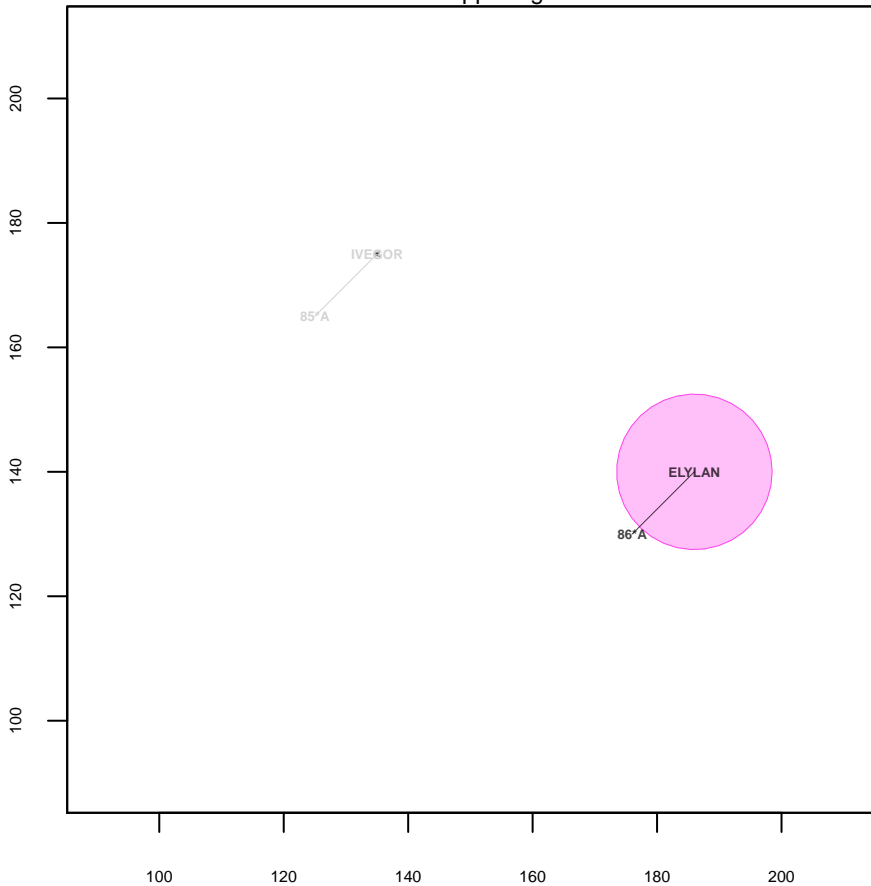
Plot 9 Lower right



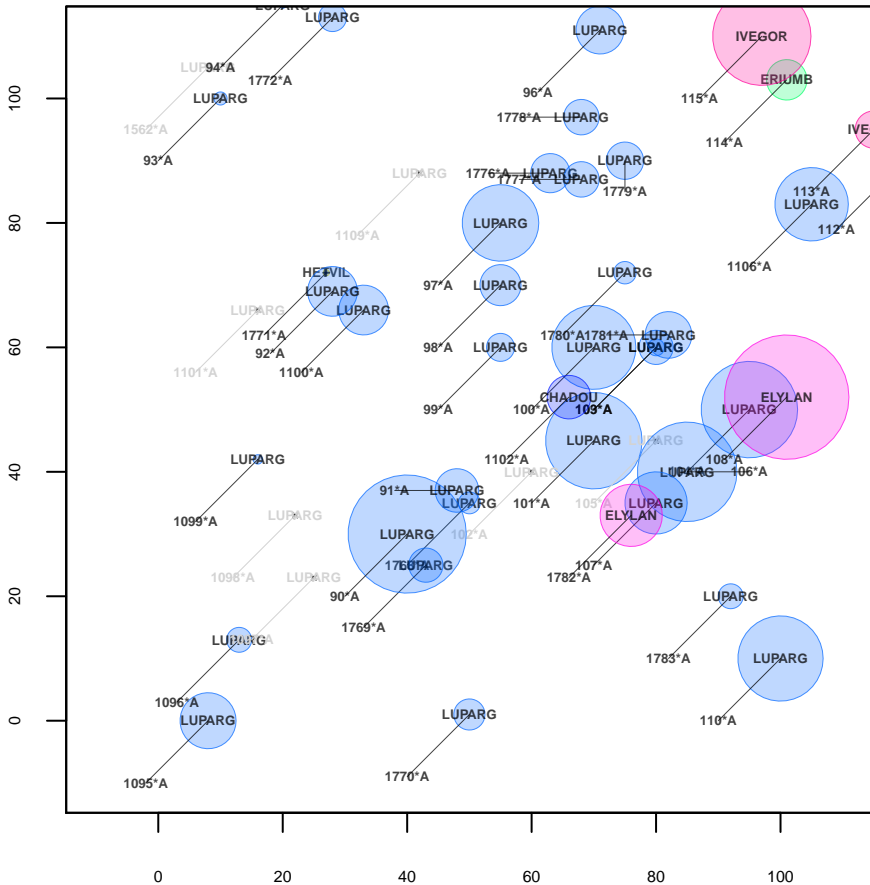
Plot 9 Upper left



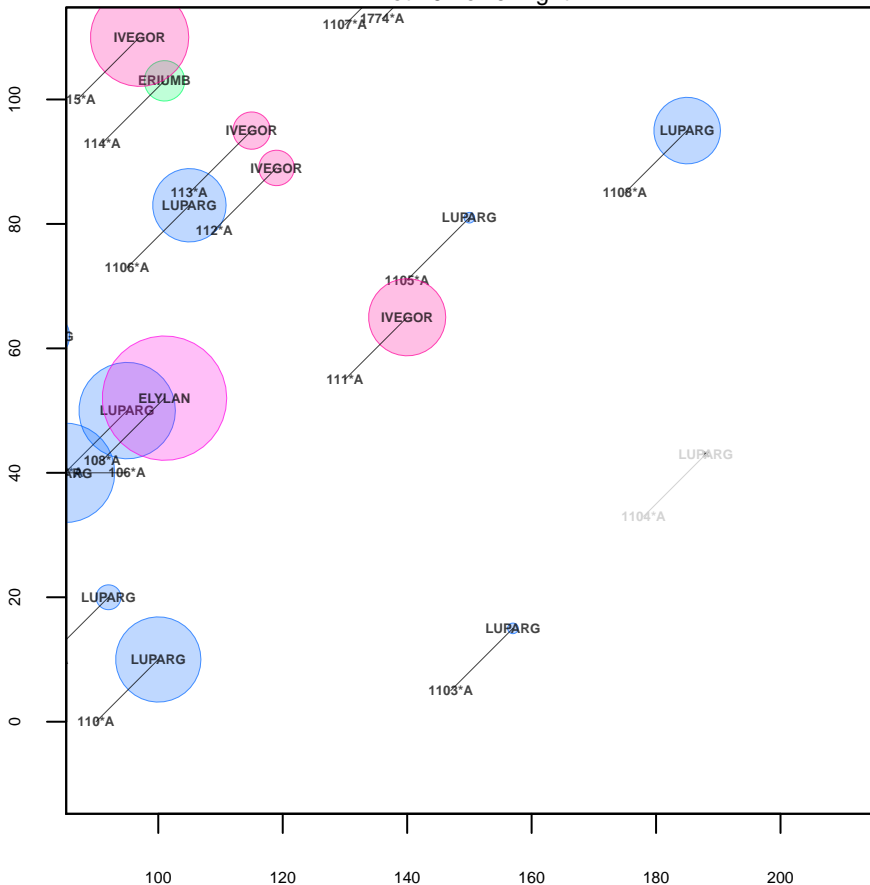
Plot 9 Upper right

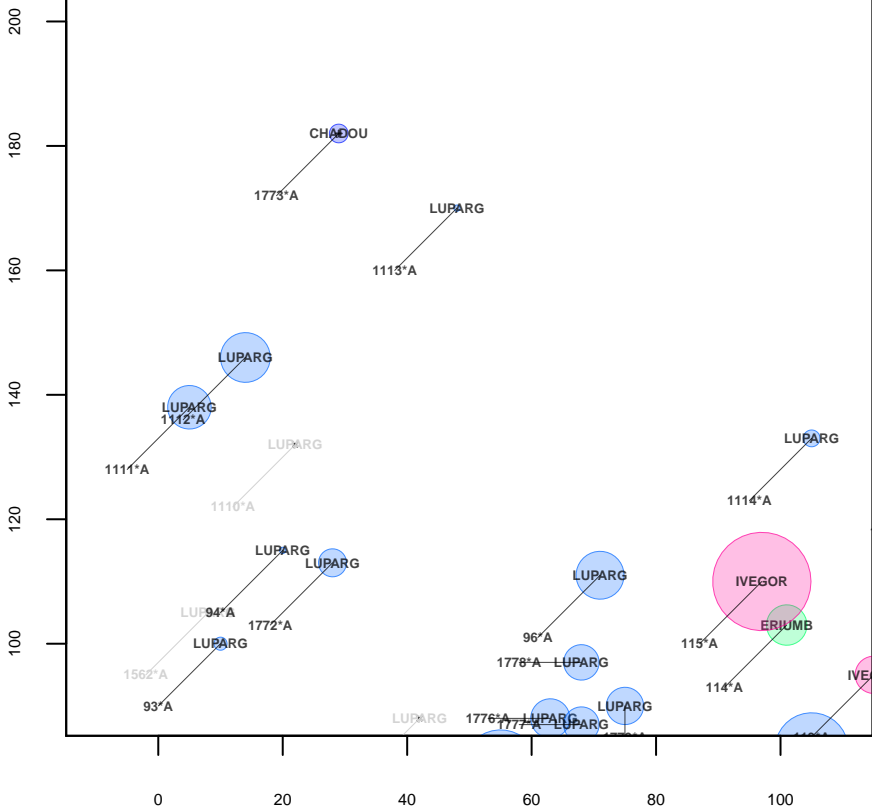


Plot 10 Lower left

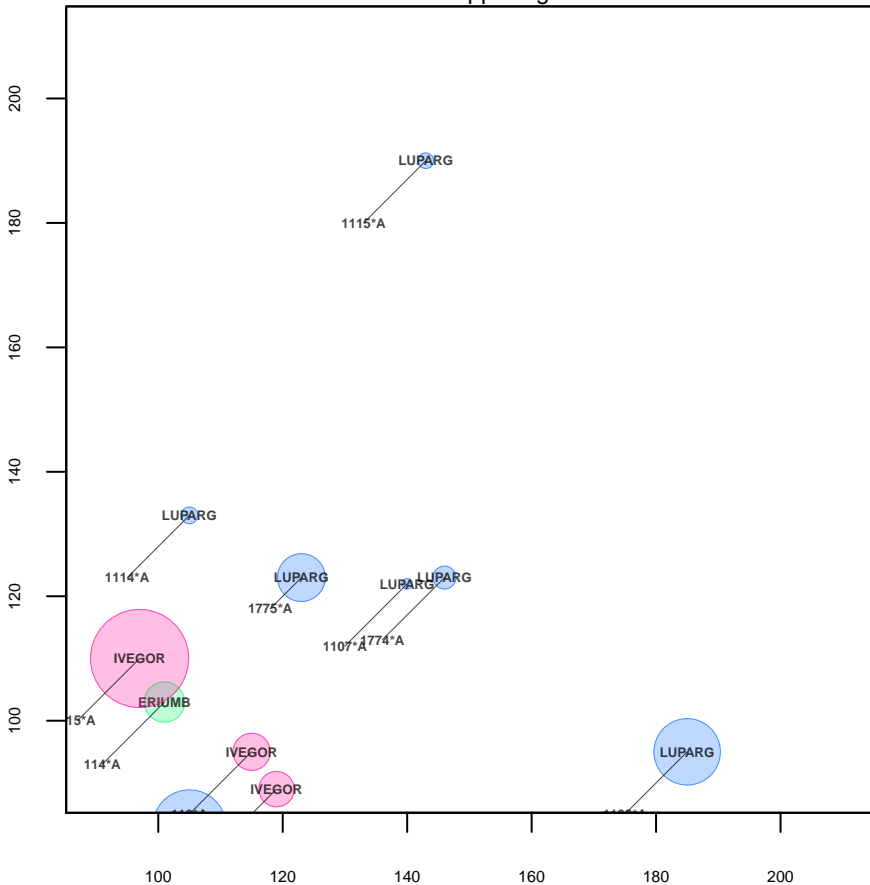


Plot 10 Lower right



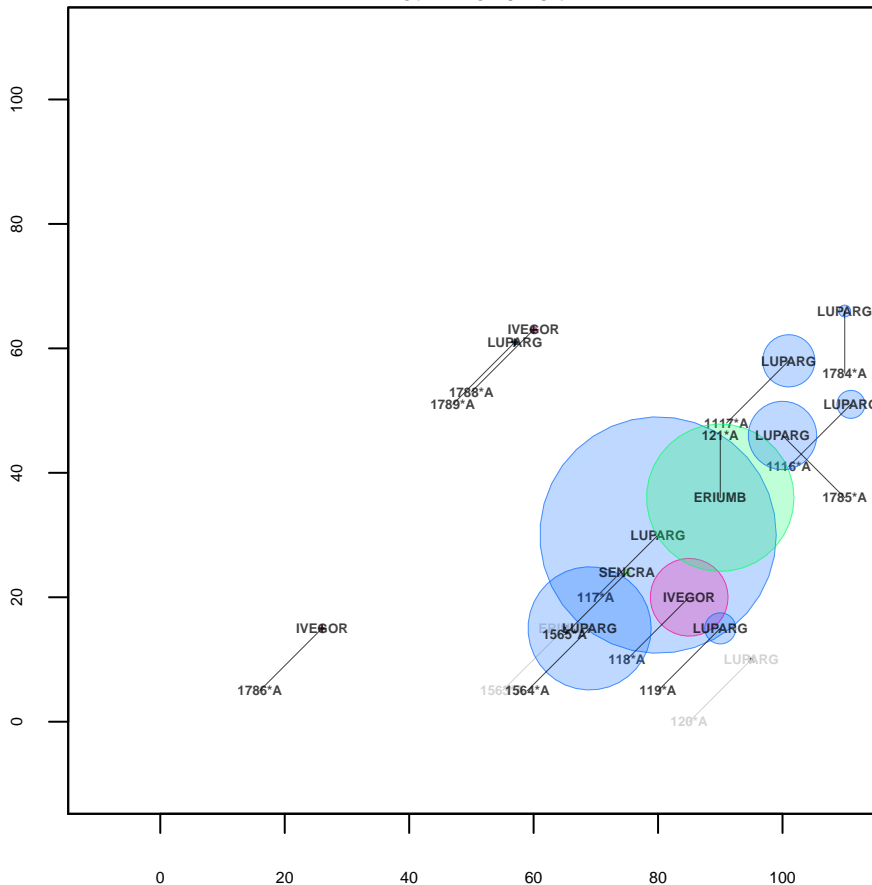


Plot 10 Upper right

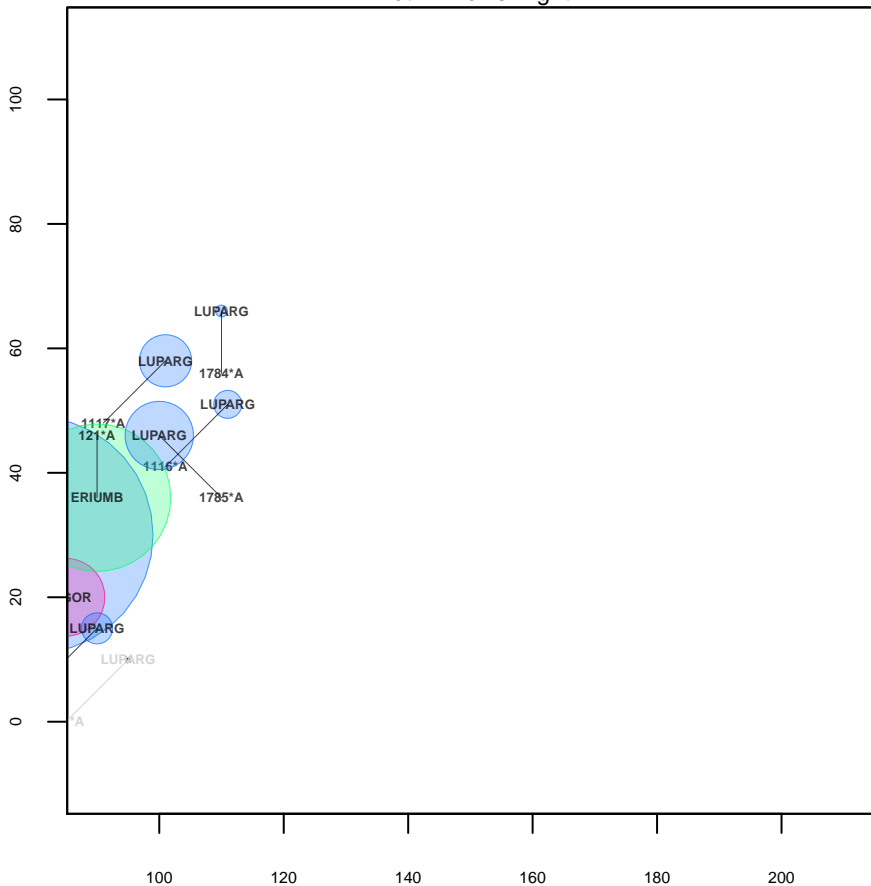




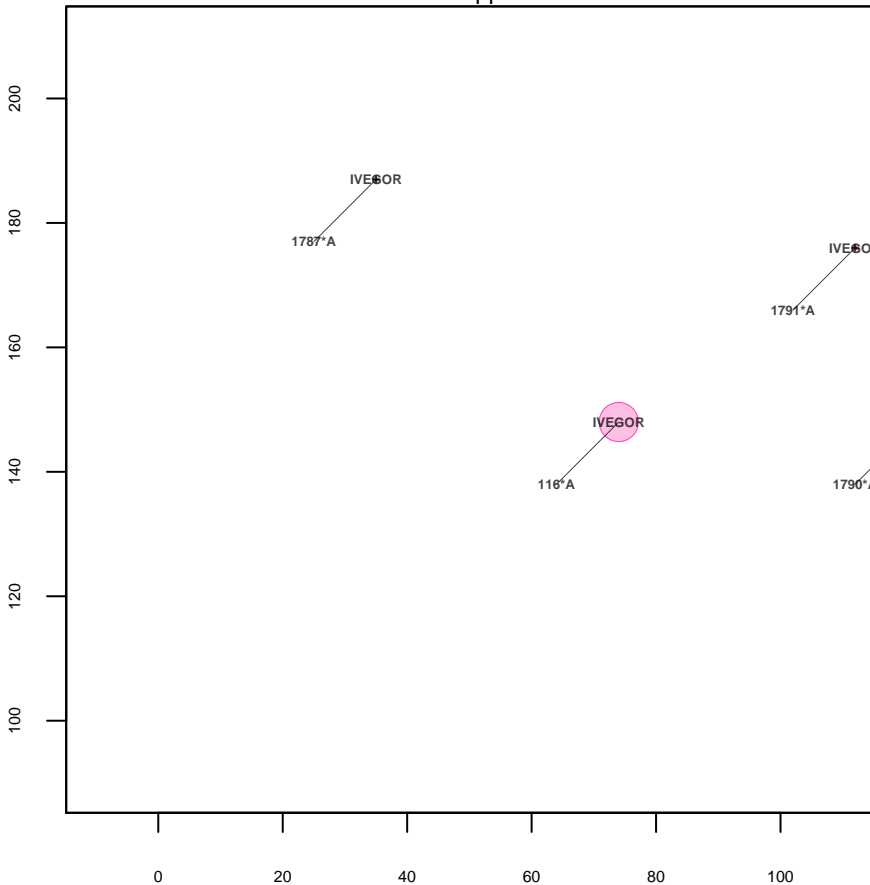
Plot 11 Lower left



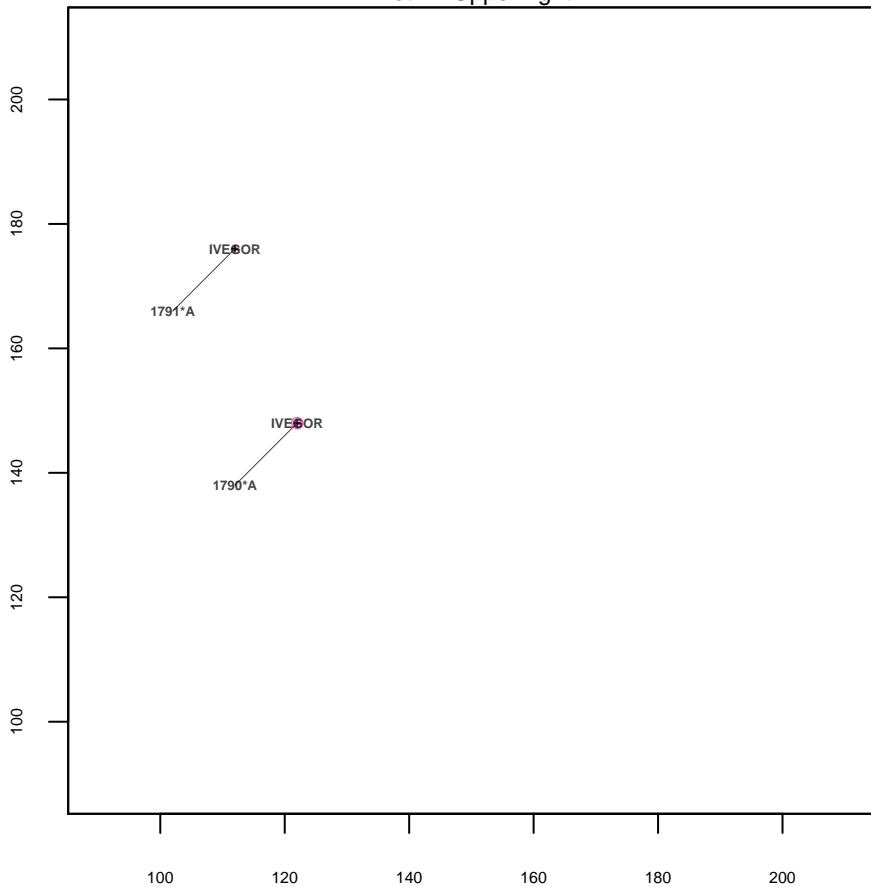
Plot 11 Lower right



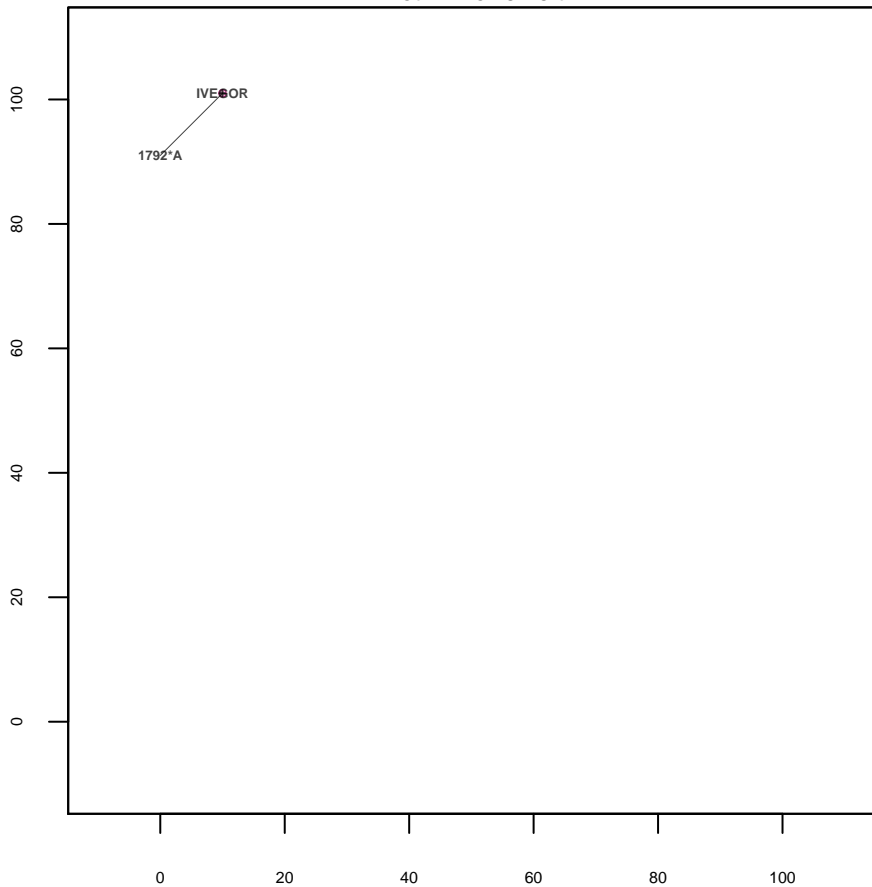
Plot 11 Upper left



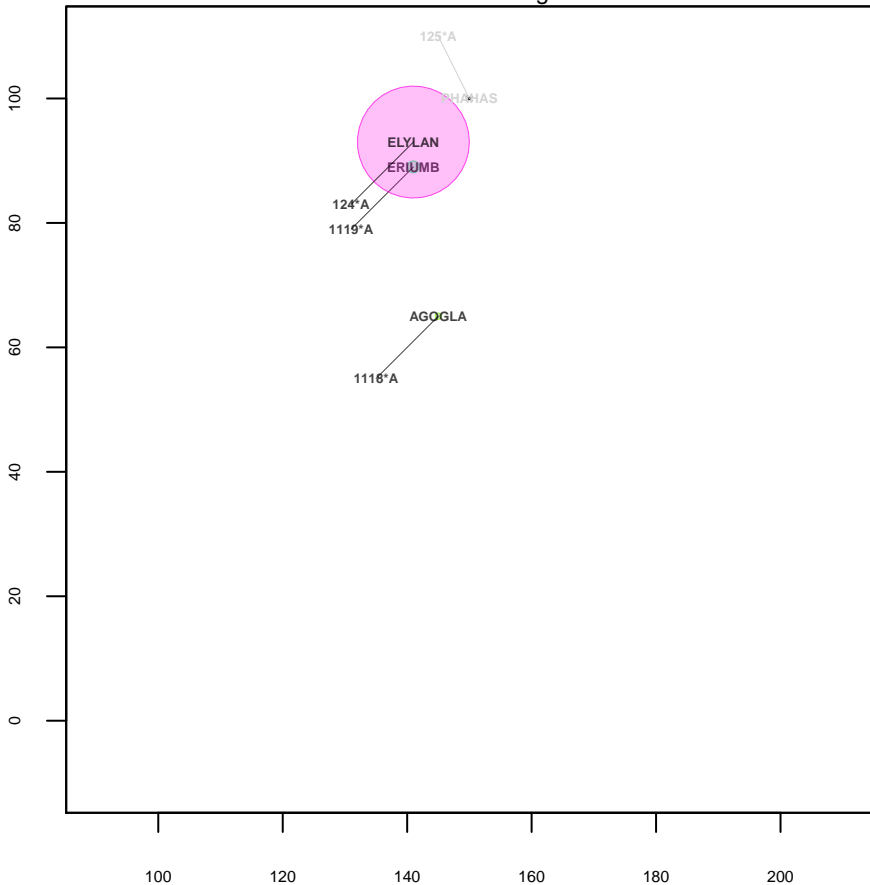
Plot 11 Upper right



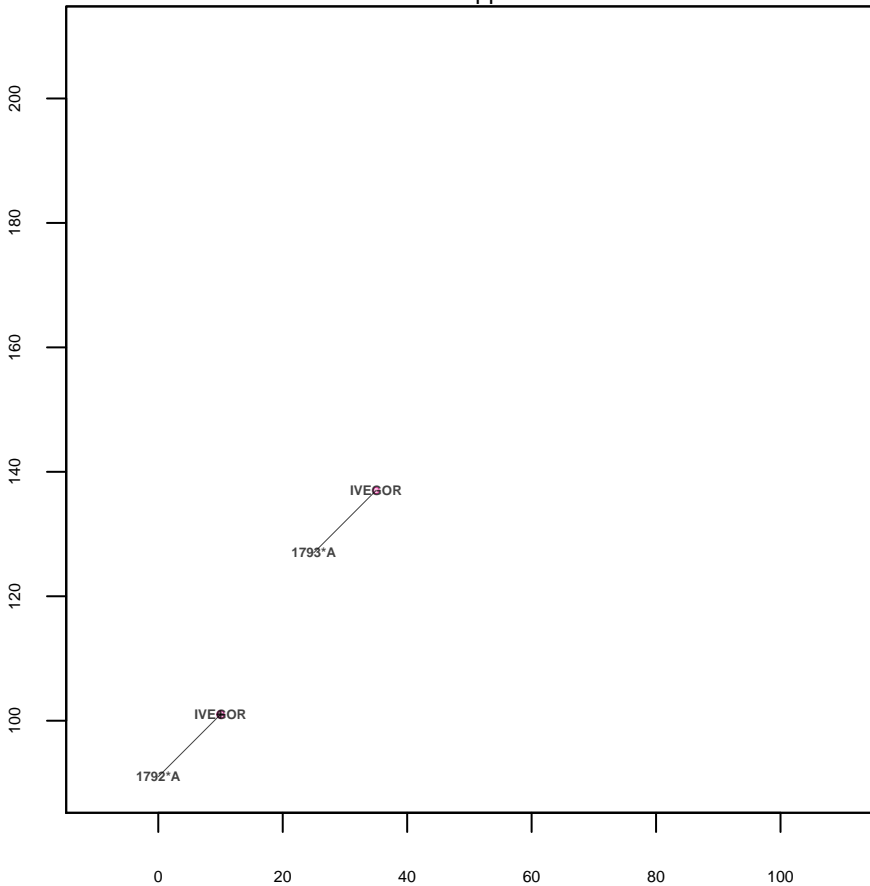
Plot 12 Lower left



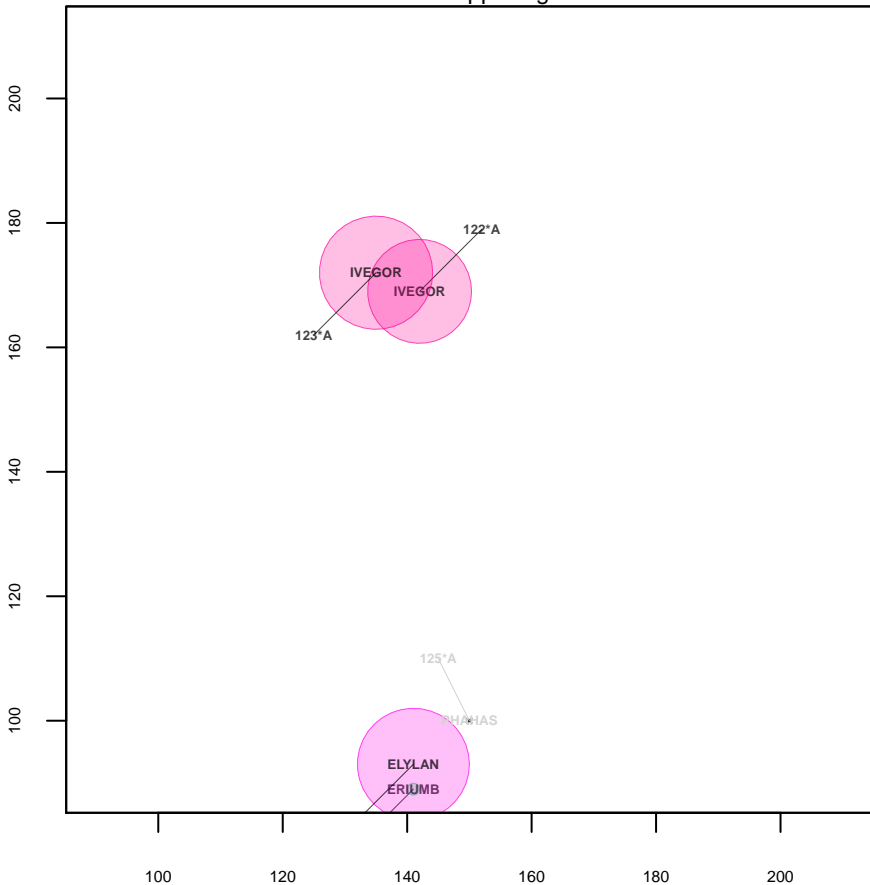
Plot 12 Lower right



Plot 12 Upper left

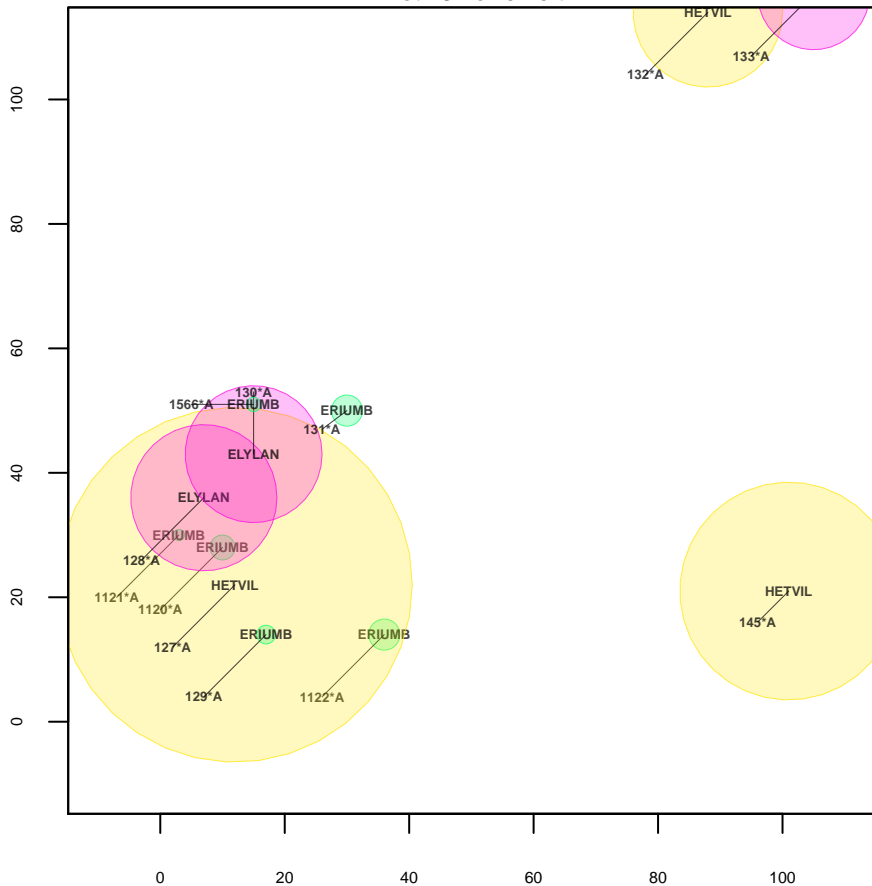


Plot 12 Upper right

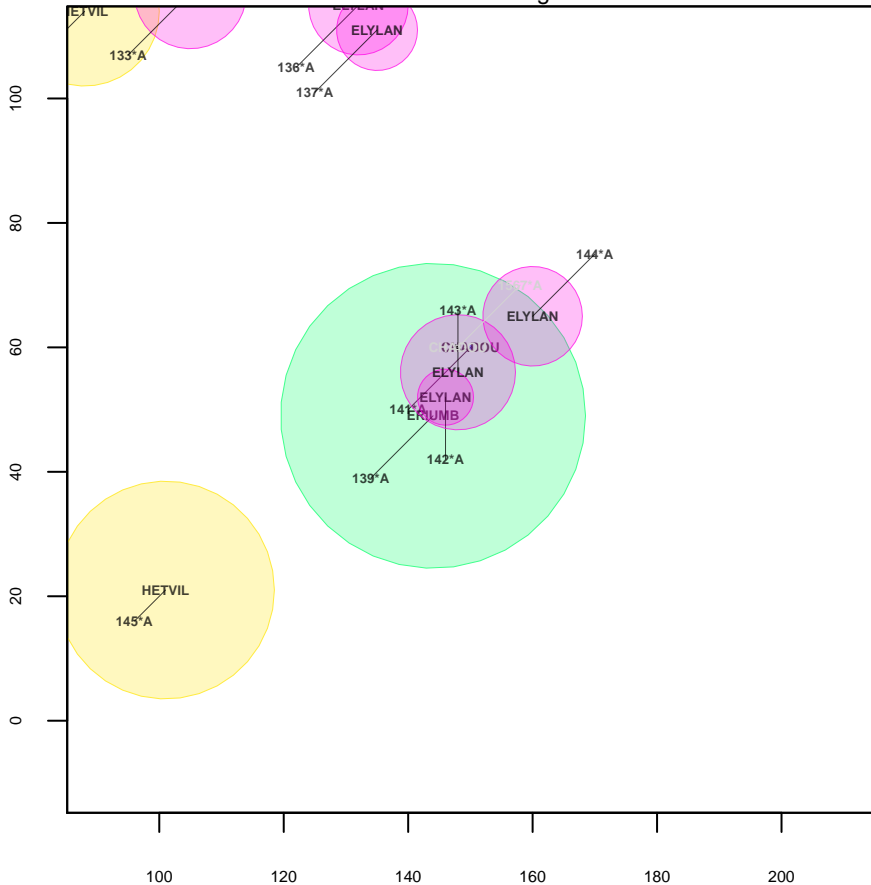




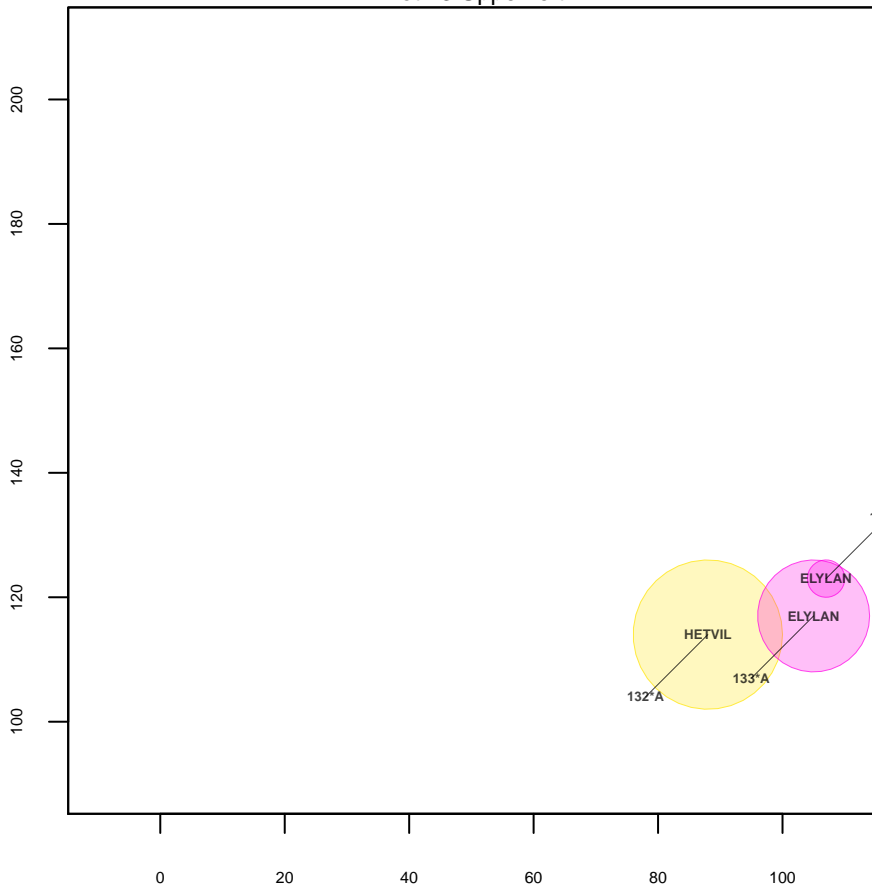
Plot 13 Lower left



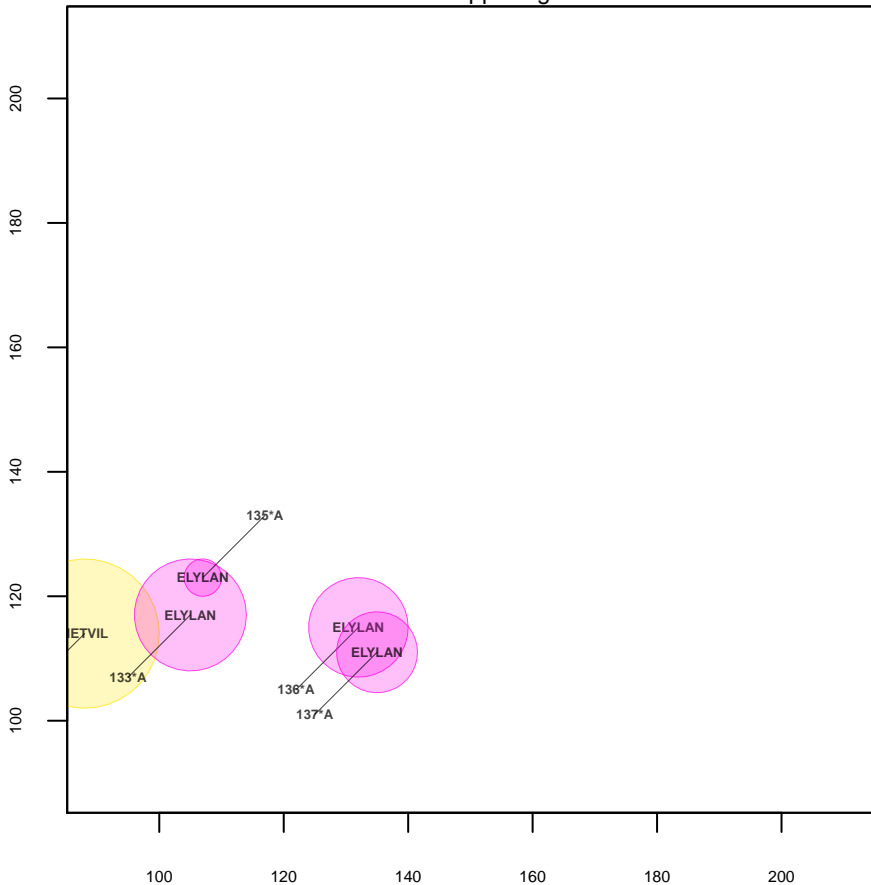
Plot 13 Lower right



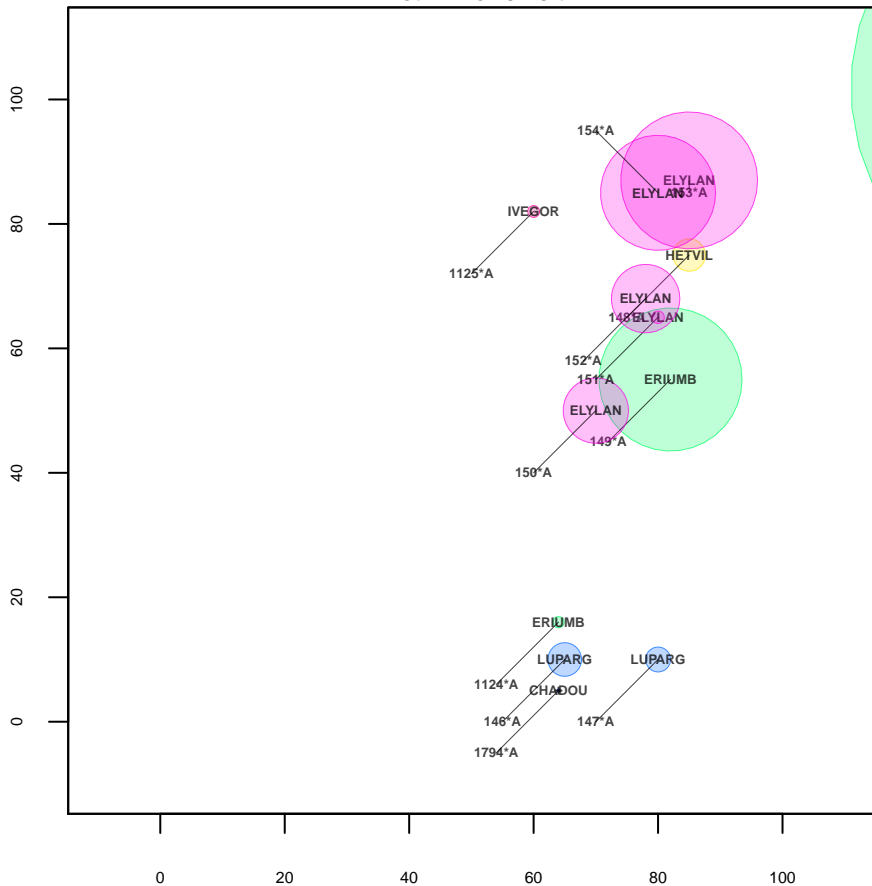
Plot 13 Upper left



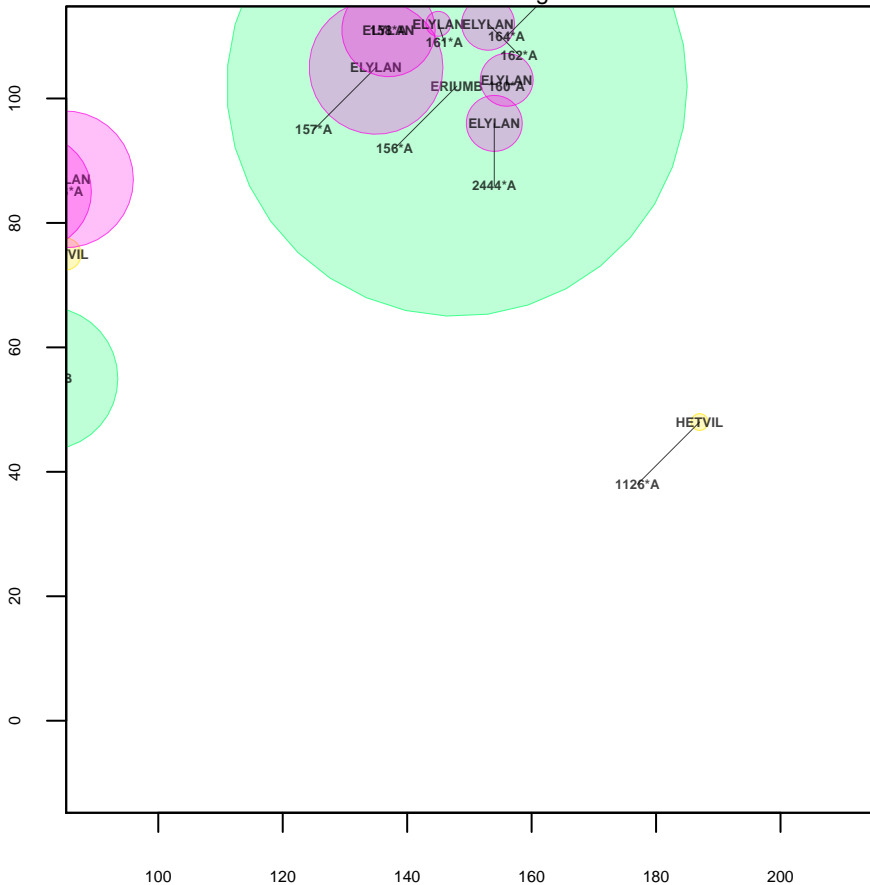
Plot 13 Upper right



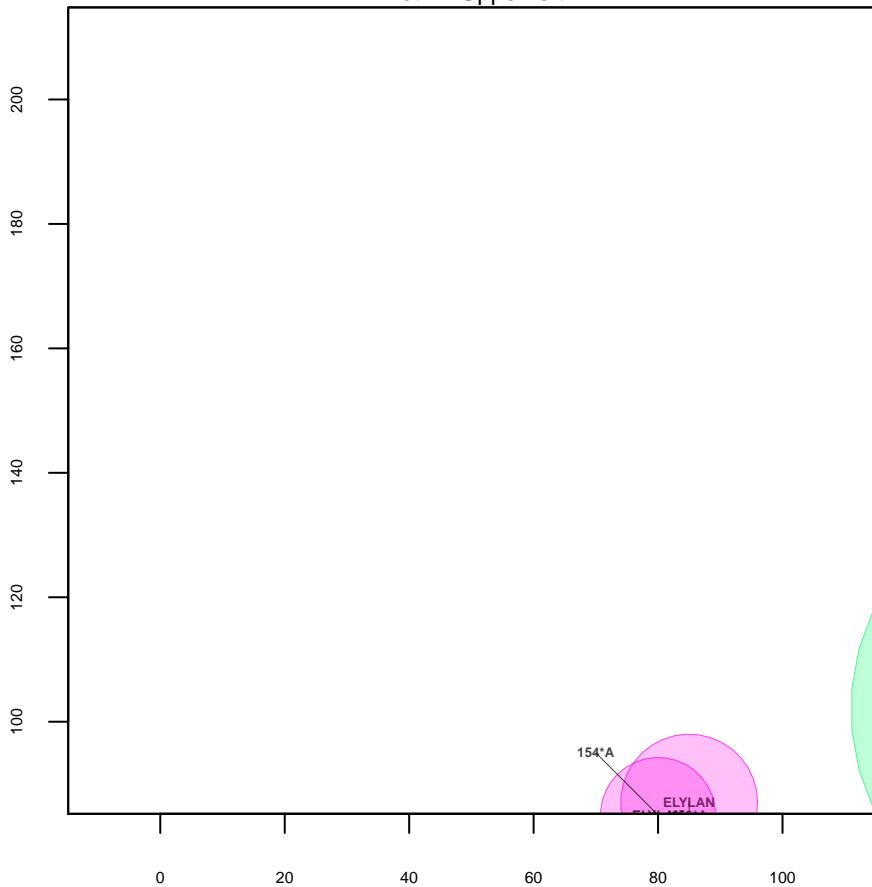
Plot 14 Lower left



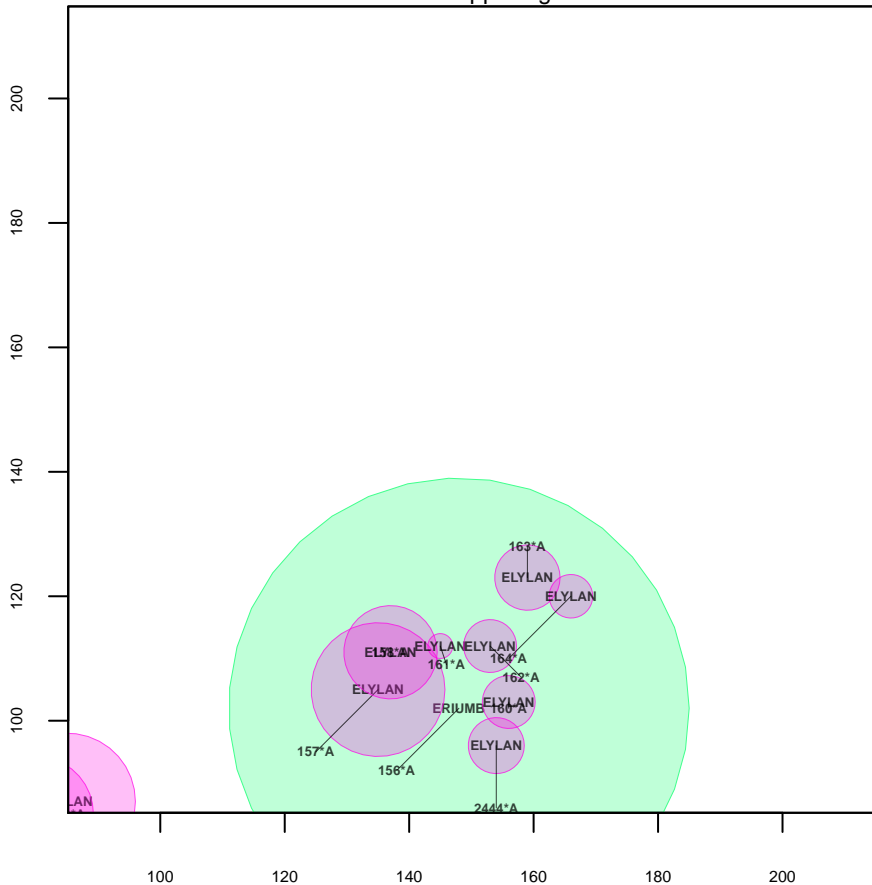
Plot 14 Lower right



Plot 14 Upper left

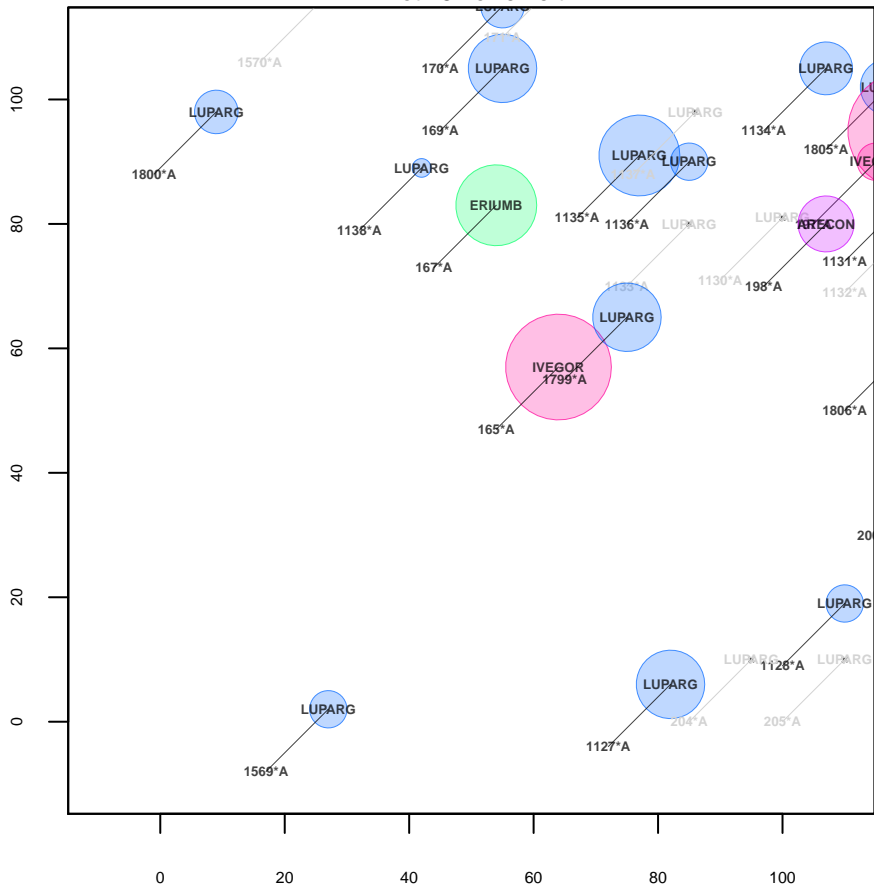


Plot 14 Upper right

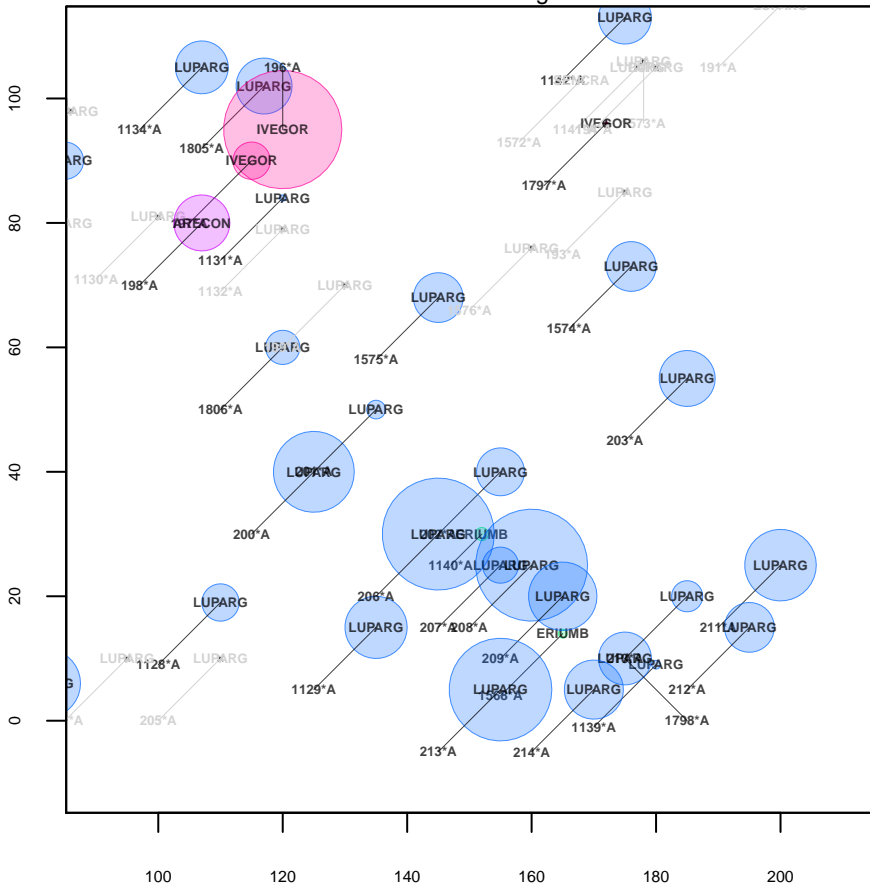




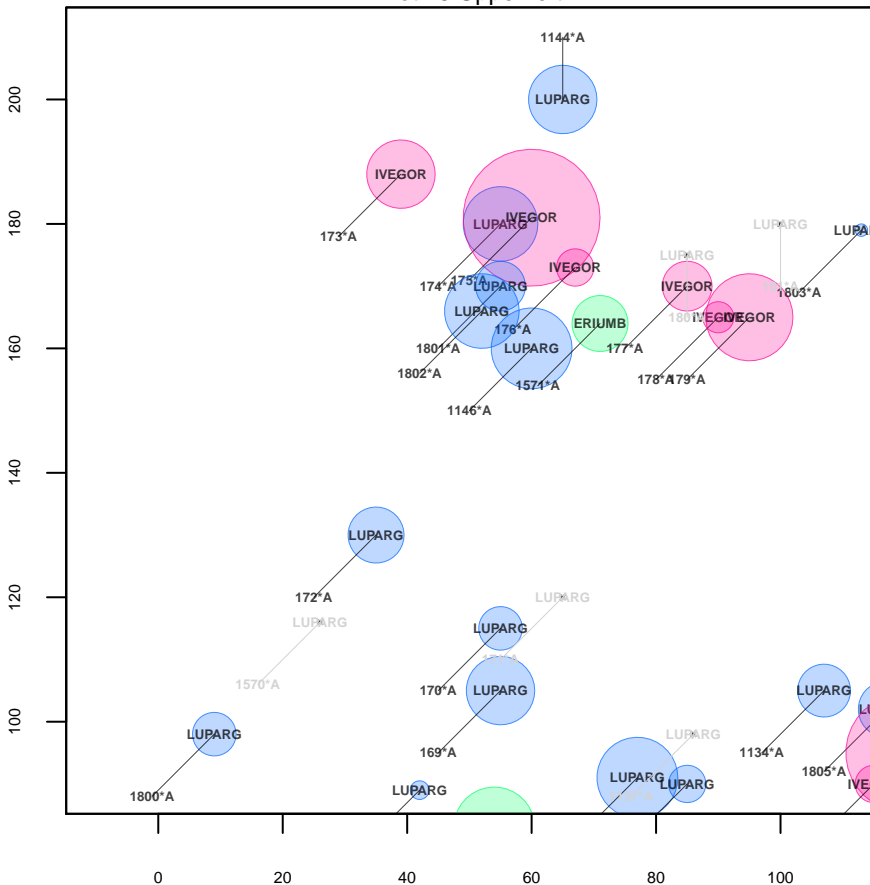
Plot 15 Lower left

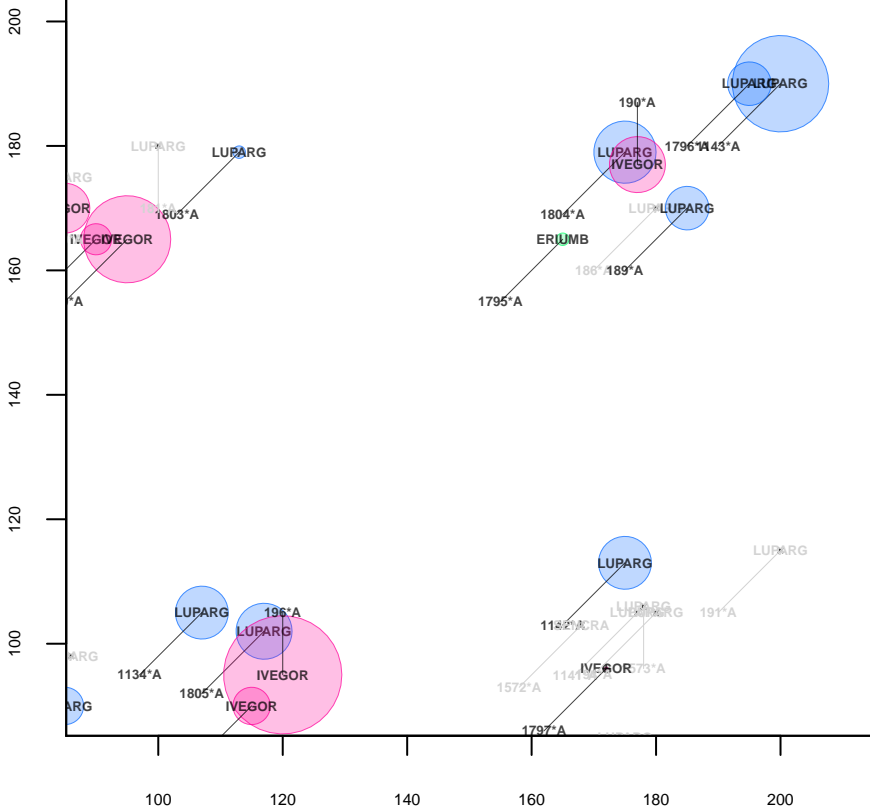


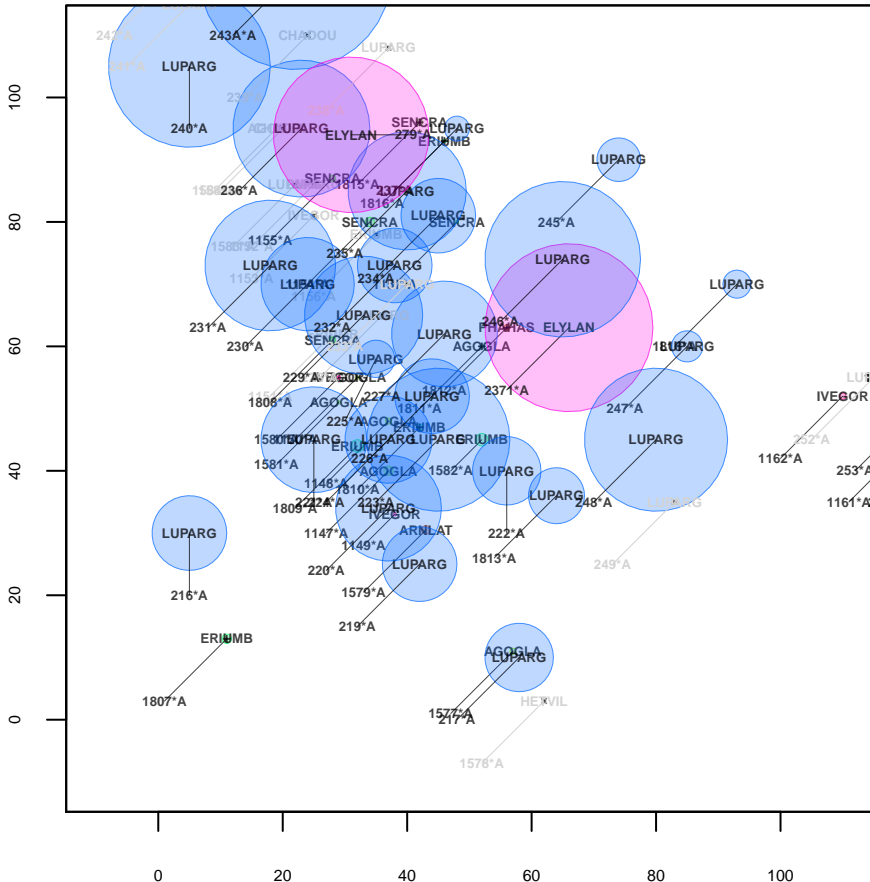
### Plot 15 Lower right



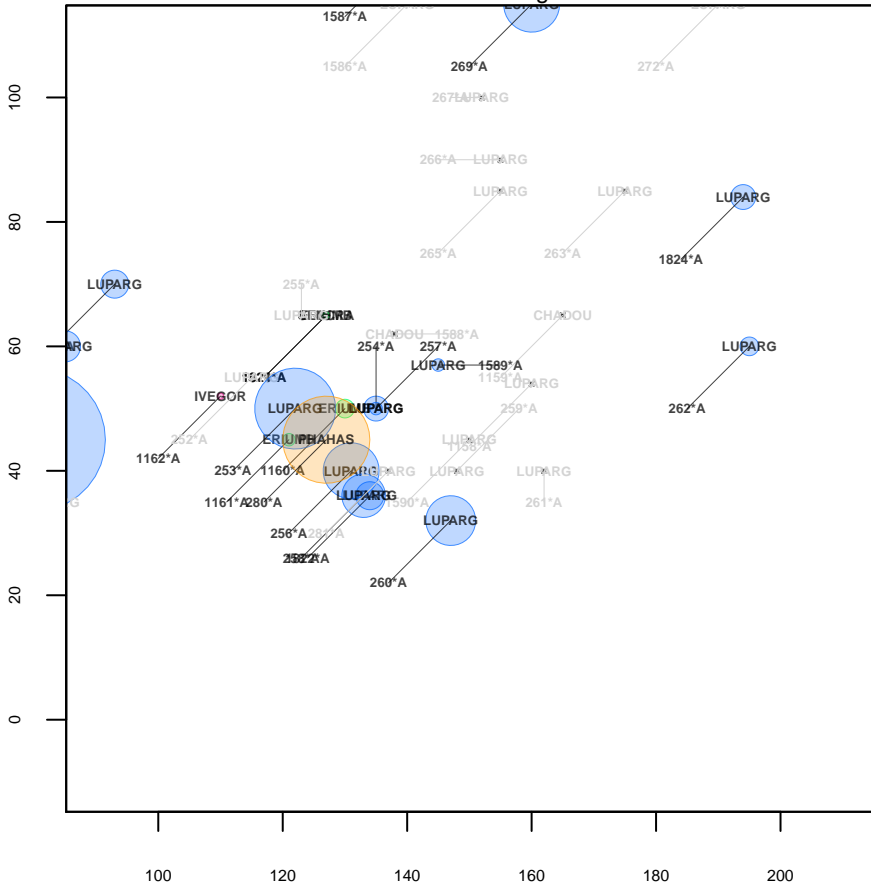
Plot 15 Upper left



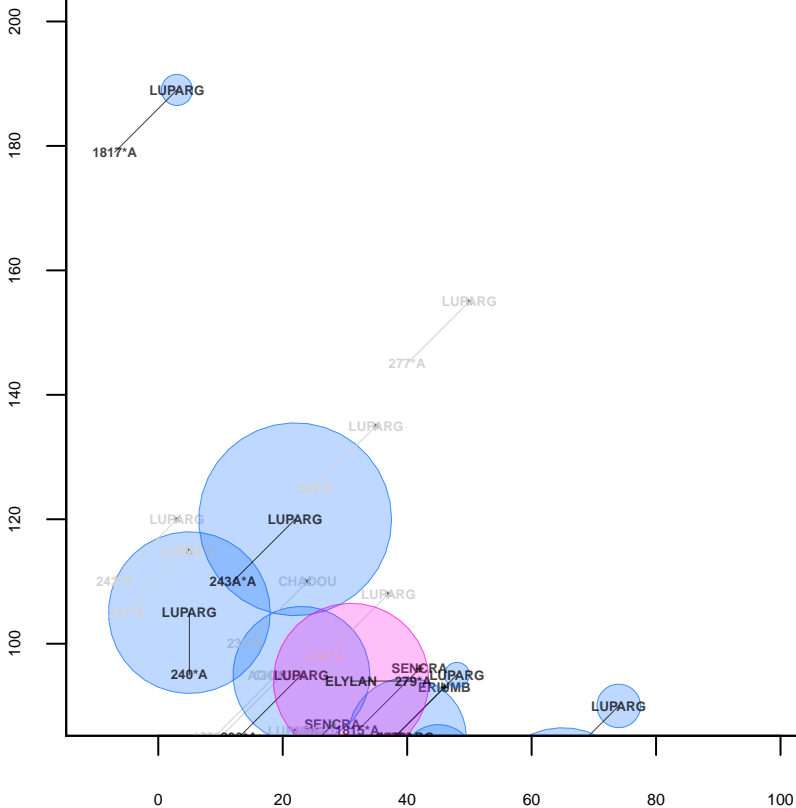




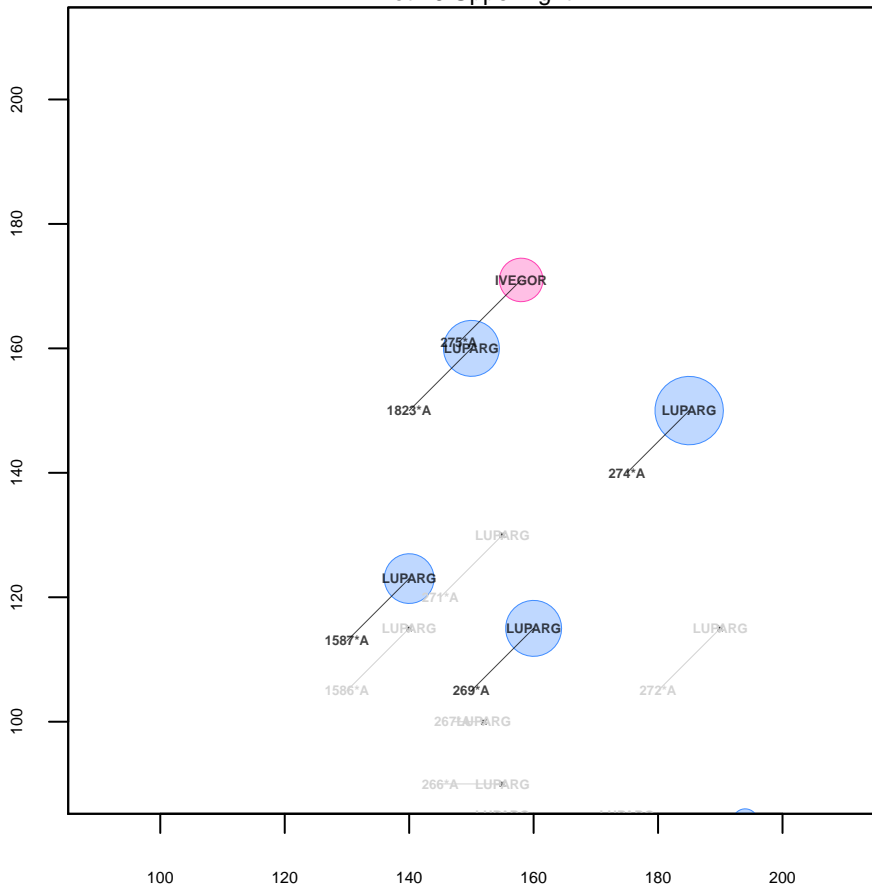
The diagram illustrates a network of relationships between various entities, primarily 'LUPARG'. The nodes are represented by circles of different sizes and colors (blue, orange, green). The connections are shown as lines. The background features a coordinate grid with labels such as '1586°A', '269°A', '272°A', '266°A', '265°A', '263°A', '1824°A', '255°A', '254°A', '257°A', '1589°A', '259°A', '1154°A', '261°A', '260°A', '256°A', '252°A', '1161°A', '280°A', '253°A', '1160°A', '1162°A', '352°A', '252°A', '253°A', '254°A', '255°A', '256°A', '257°A', '258°A', '259°A', '260°A', '261°A', '262°A', '263°A', '264°A', '265°A', '266°A', '267°A', '268°A', '269°A', '270°A', '271°A', '272°A', '273°A', '274°A', '275°A', '276°A', '277°A', '278°A', '279°A', '280°A', '281°A', '282°A', '283°A', '284°A', '285°A', '286°A', '287°A', '288°A', '289°A', '290°A', '291°A', '292°A', '293°A', '294°A', '295°A', '296°A', '297°A', '298°A', '299°A', '300°A', '301°A', '302°A', '303°A', '304°A', '305°A', '306°A', '307°A', '308°A', '309°A', '310°A', '311°A', '312°A', '313°A', '314°A', '315°A', '316°A', '317°A', '318°A', '319°A', '320°A', '321°A', '322°A', '323°A', '324°A', '325°A', '326°A', '327°A', '328°A', '329°A', '330°A', '331°A', 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### Plot 16 Upper left



Plot 16 Upper right





Plot 17 Lower left

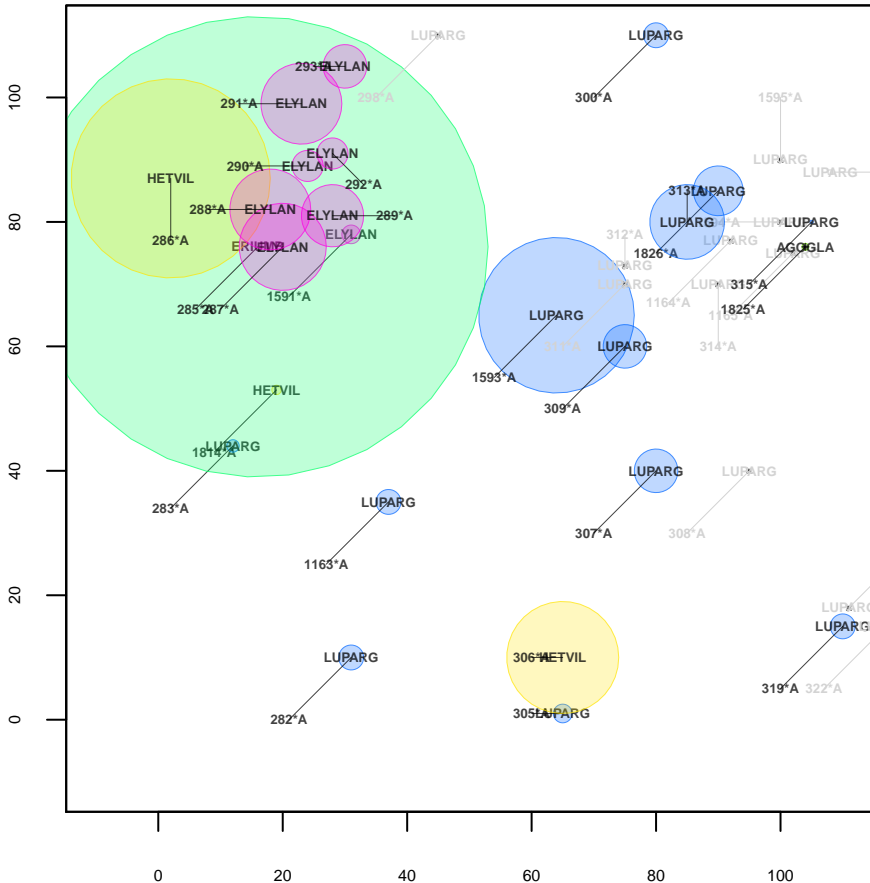
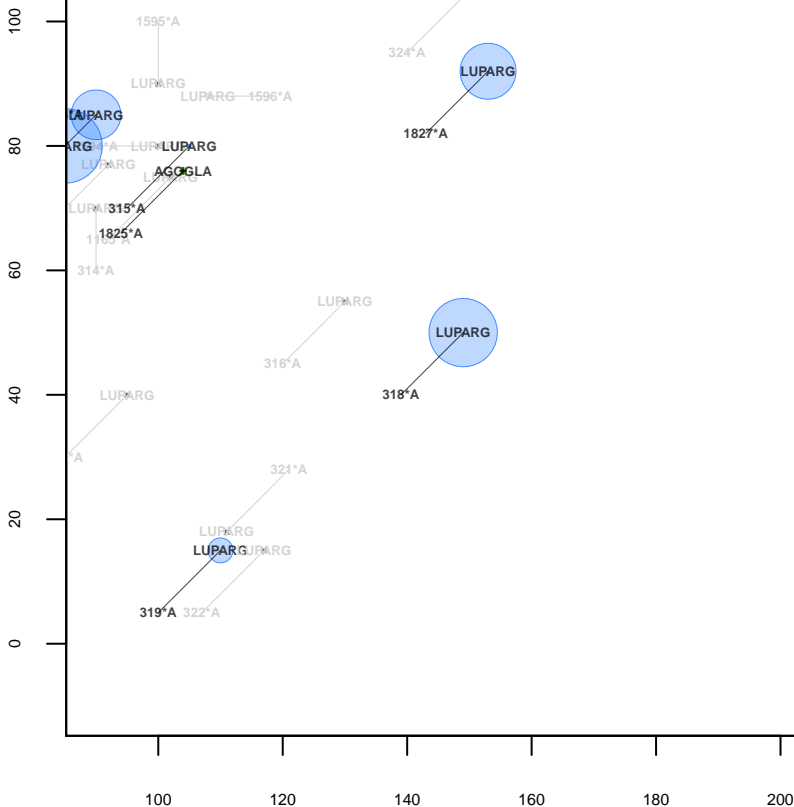
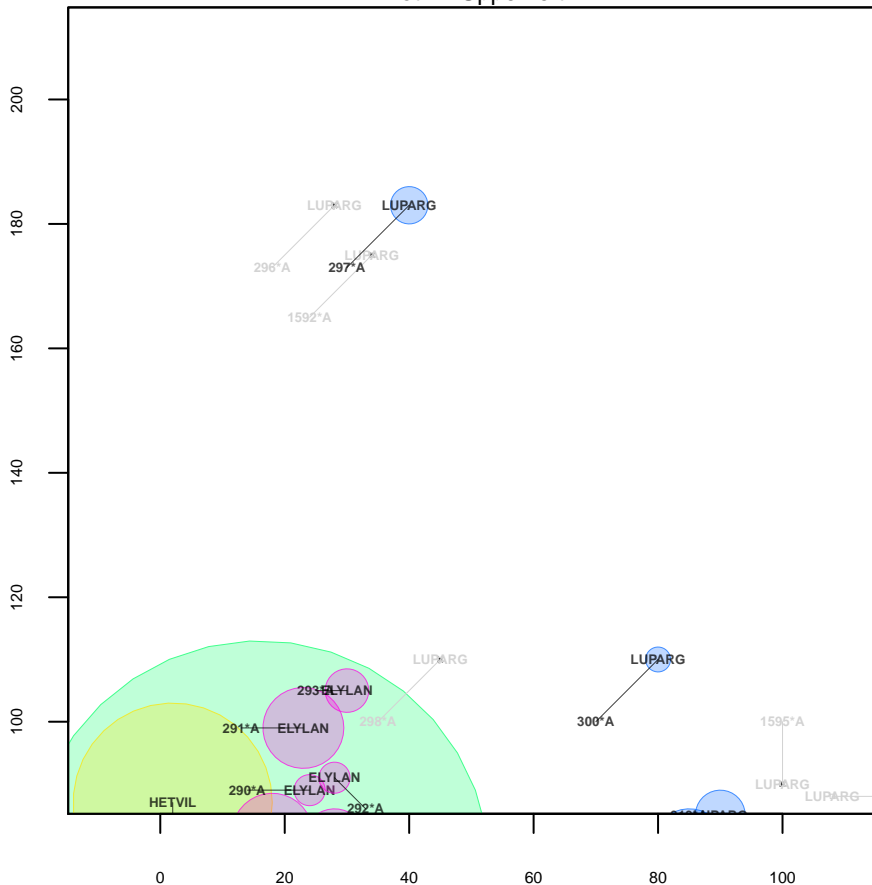


Figure 1: Scatter plot showing the distribution of LUPARG and AGGLA values for various protein structures. The x-axis represents a numerical value (likely a score or distance) ranging from 100 to 200. The y-axis represents another numerical value, ranging from 0 to 150. Data points are labeled with protein names and their corresponding values. LUPARG values are generally higher than AGGLA values for the same protein. The plot shows a positive correlation between the two metrics.

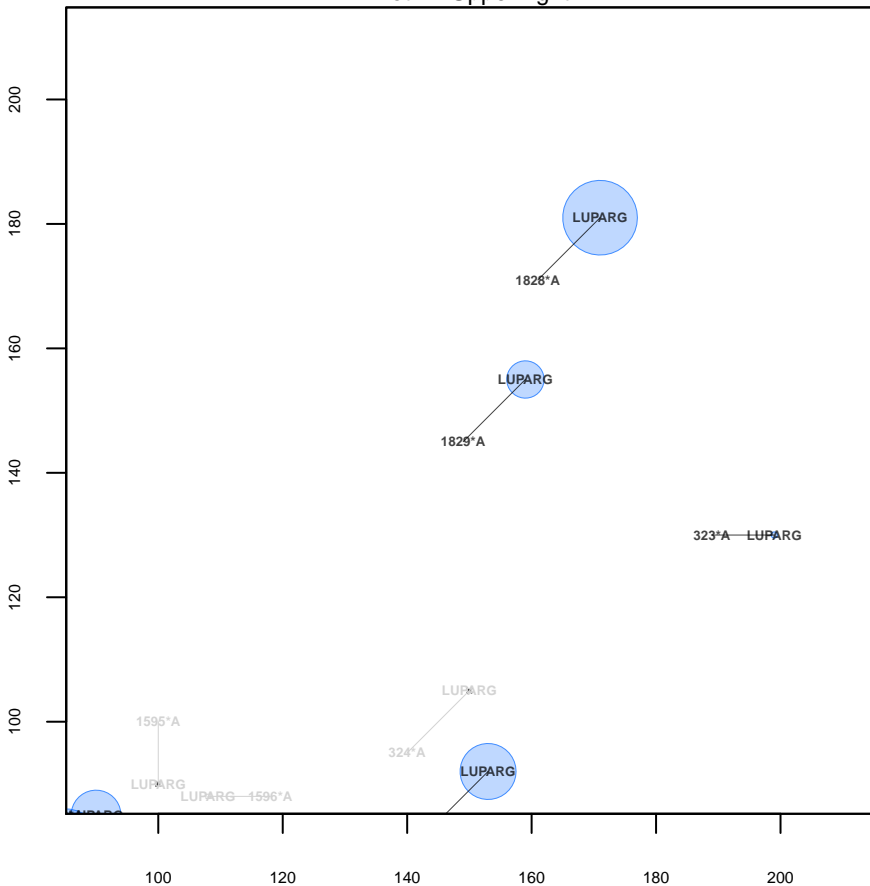
Protein	LUPARG	AGGLA
1595	1595	1595
324	324	324
1827	1827	1827
315	315	315
1825	1825	1825
314	314	314
316	316	316
318	318	318
321	321	321
319	319	319
322	322	322



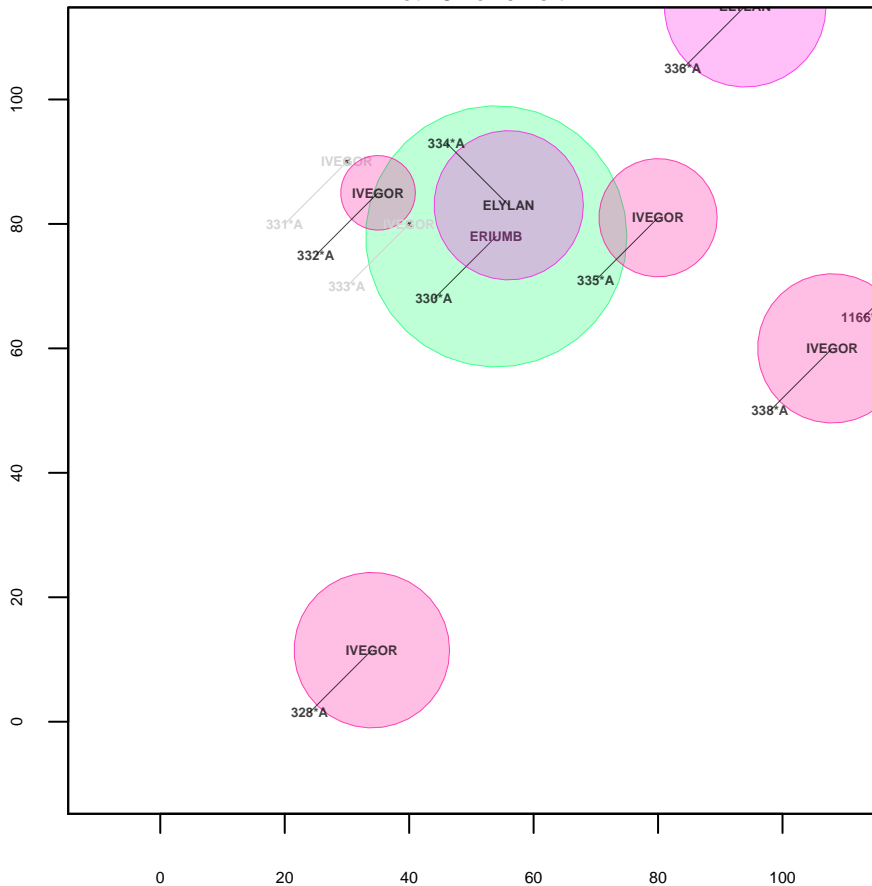
Plot 17 Upper left



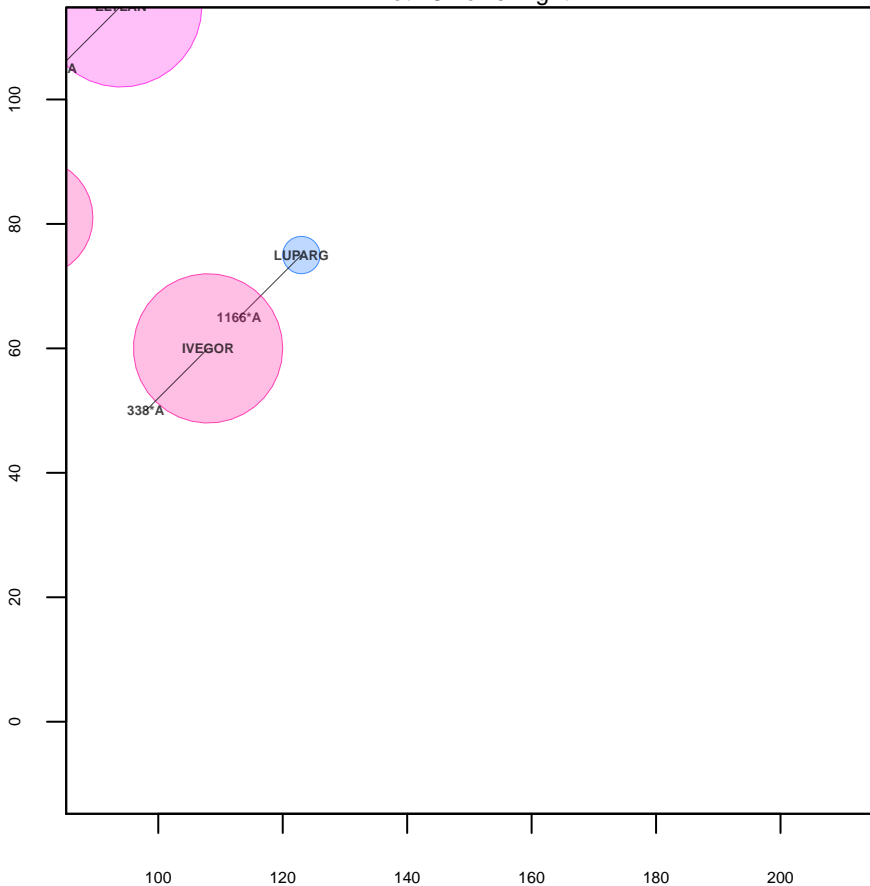
Plot 17 Upper right



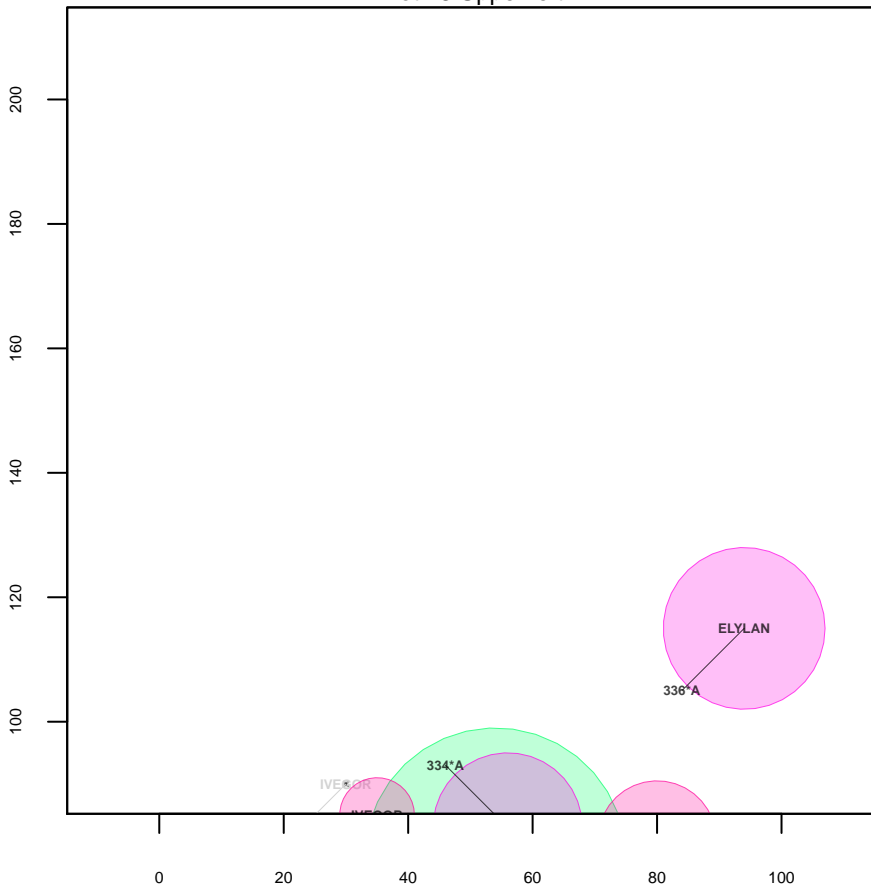
Plot 18 Lower left



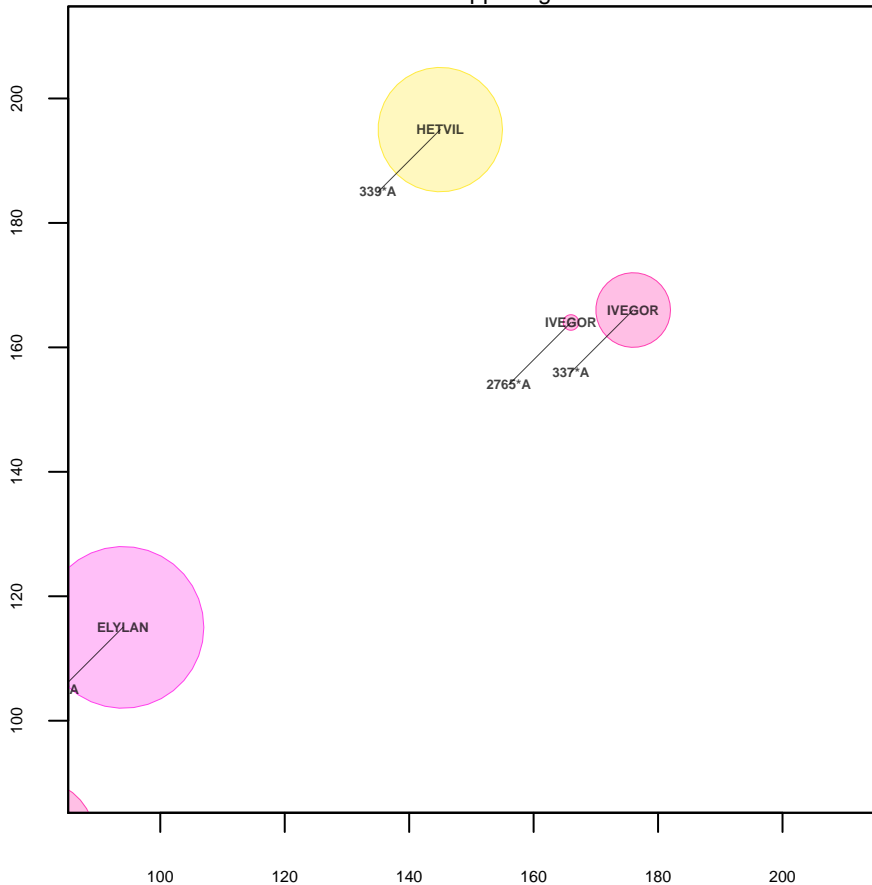
Plot 18 Lower right



Plot 18 Upper left

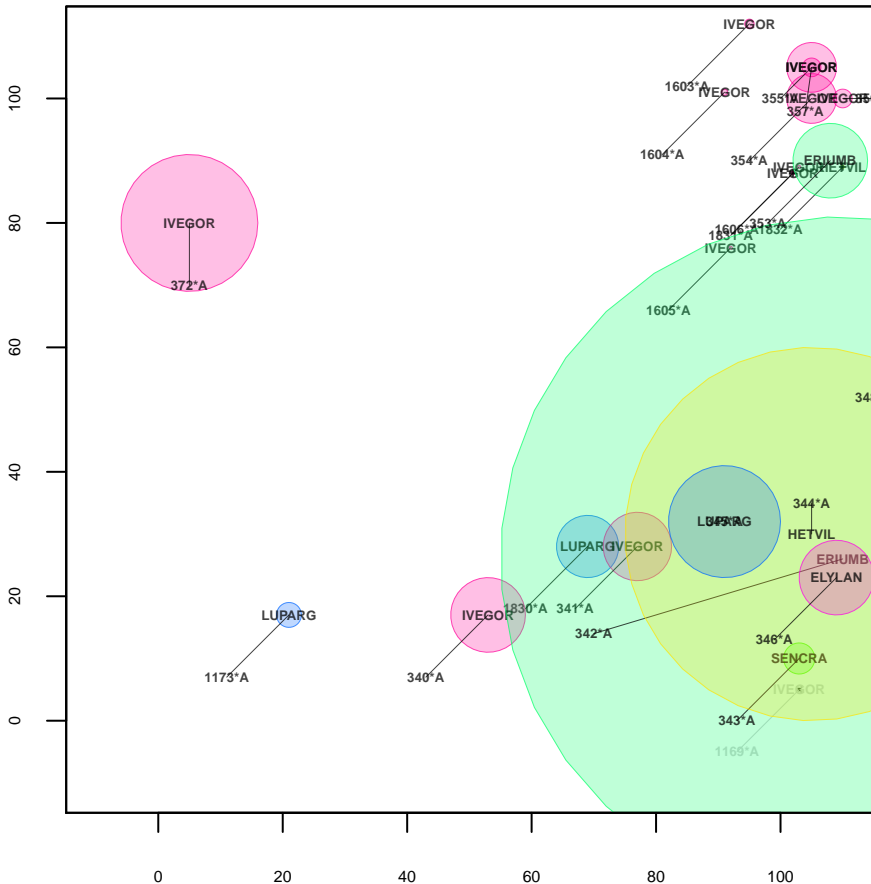


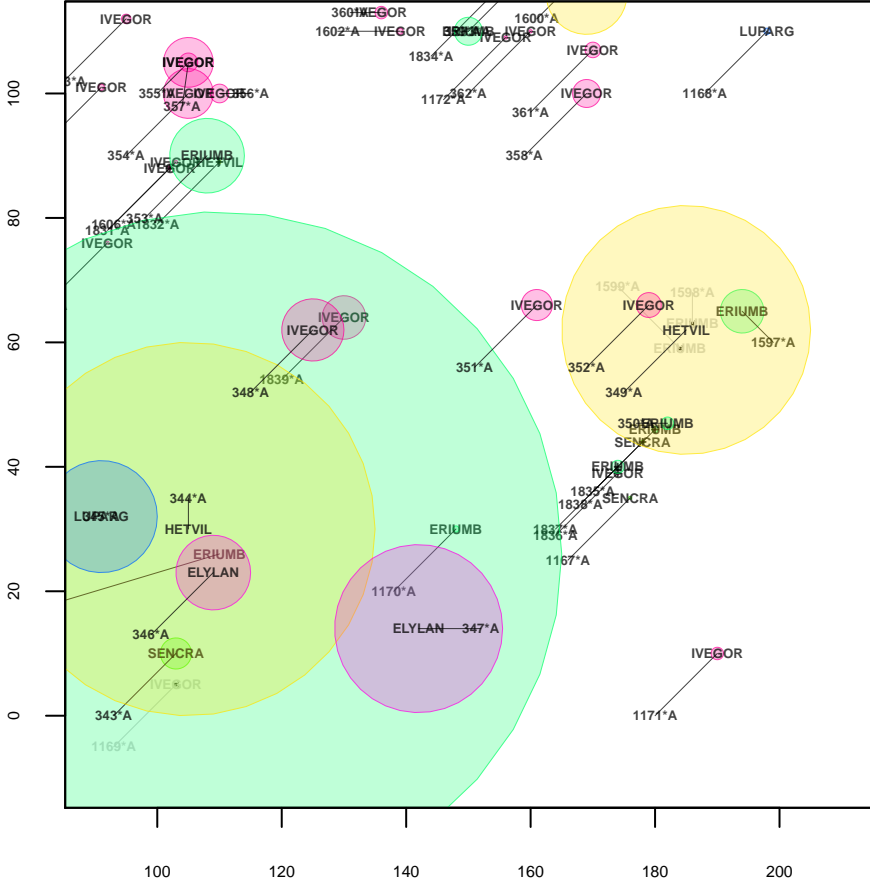
Plot 18 Upper right



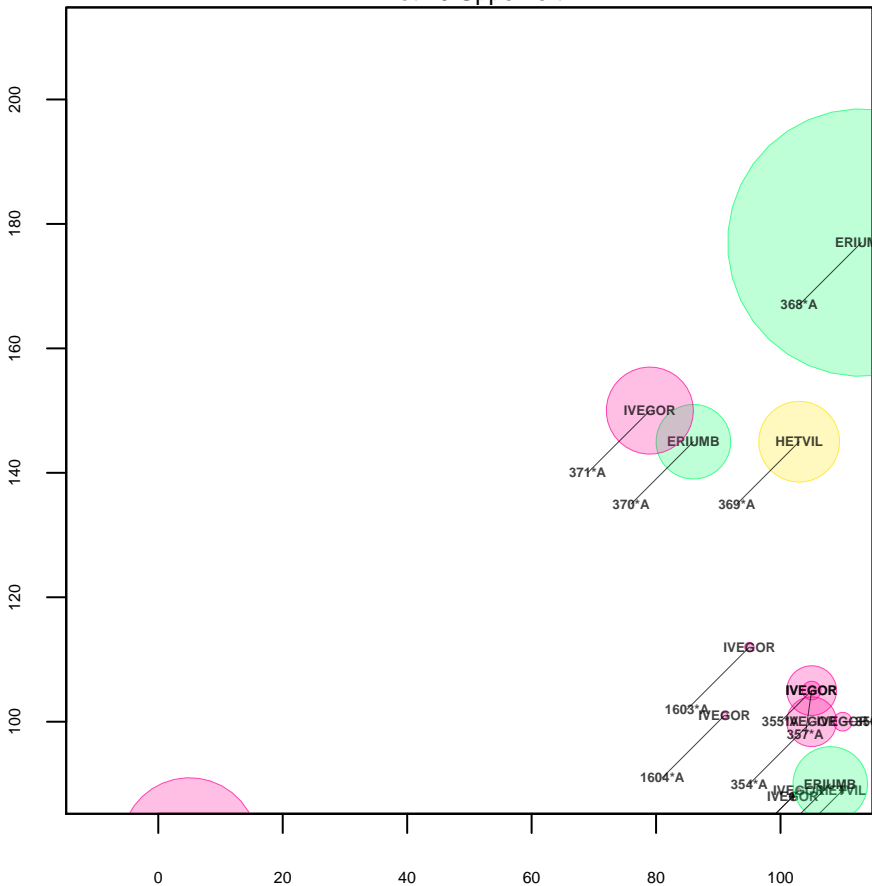


### Plot 19 Lower left

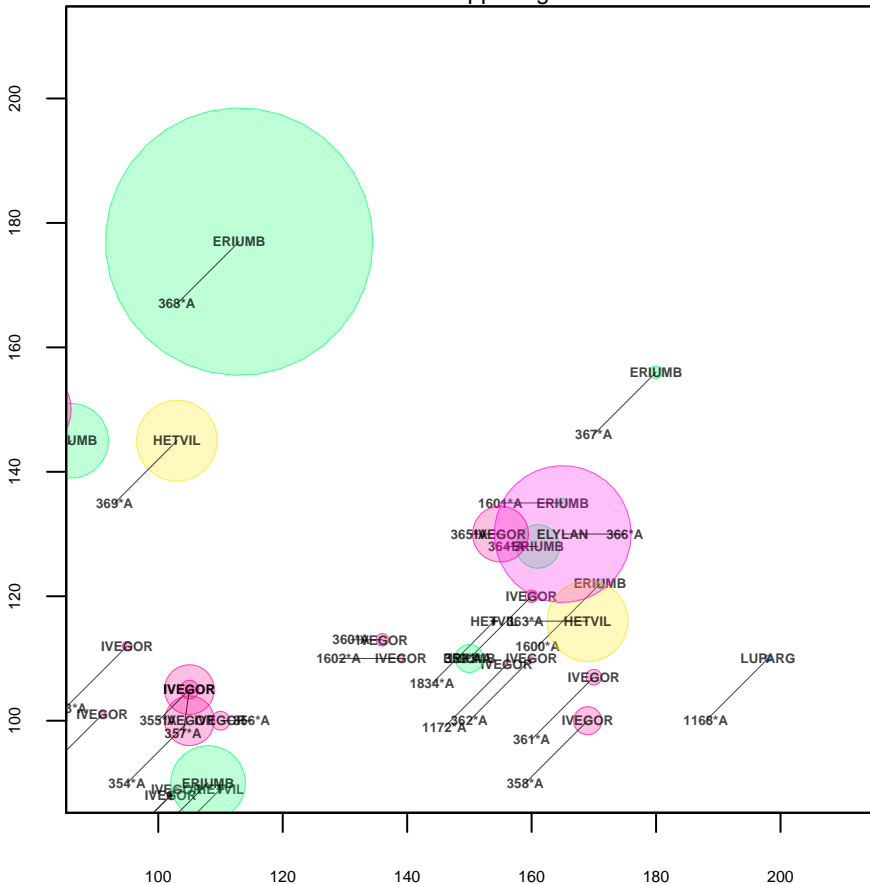




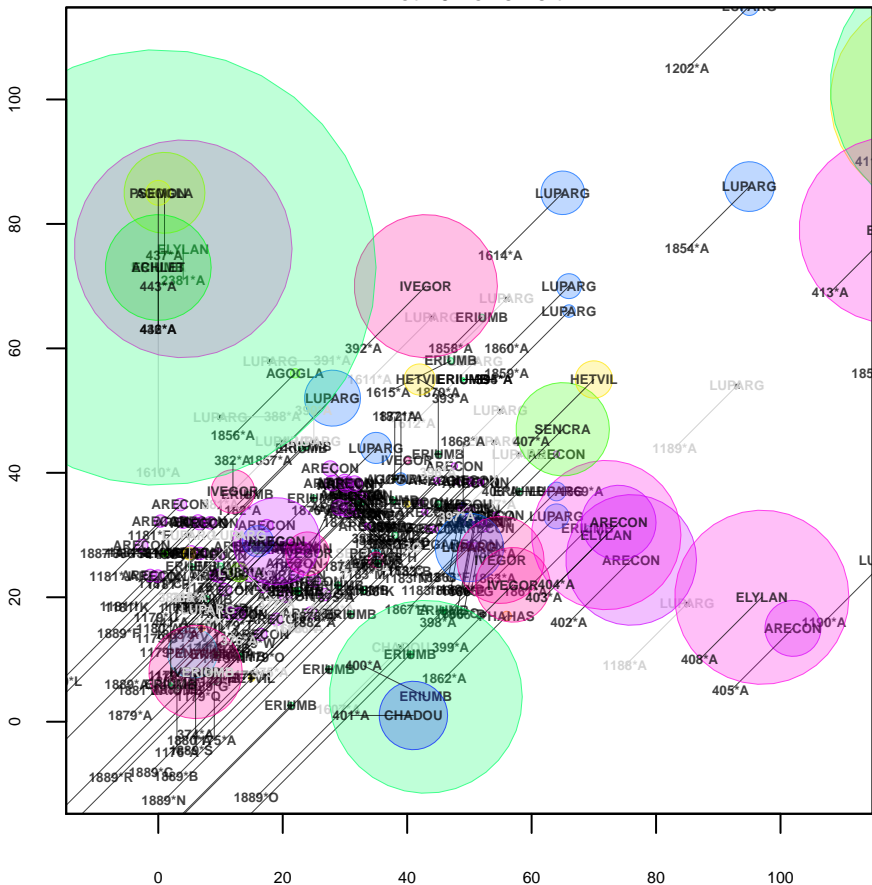
Plot 19 Upper left



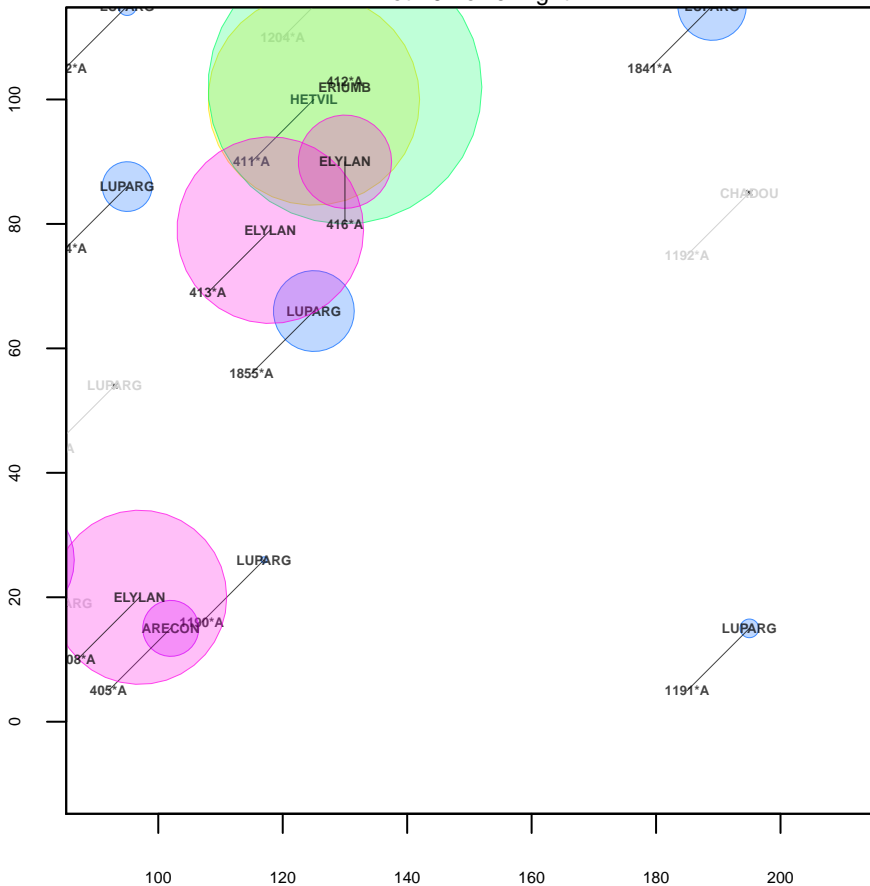
Plot 19 Upper right



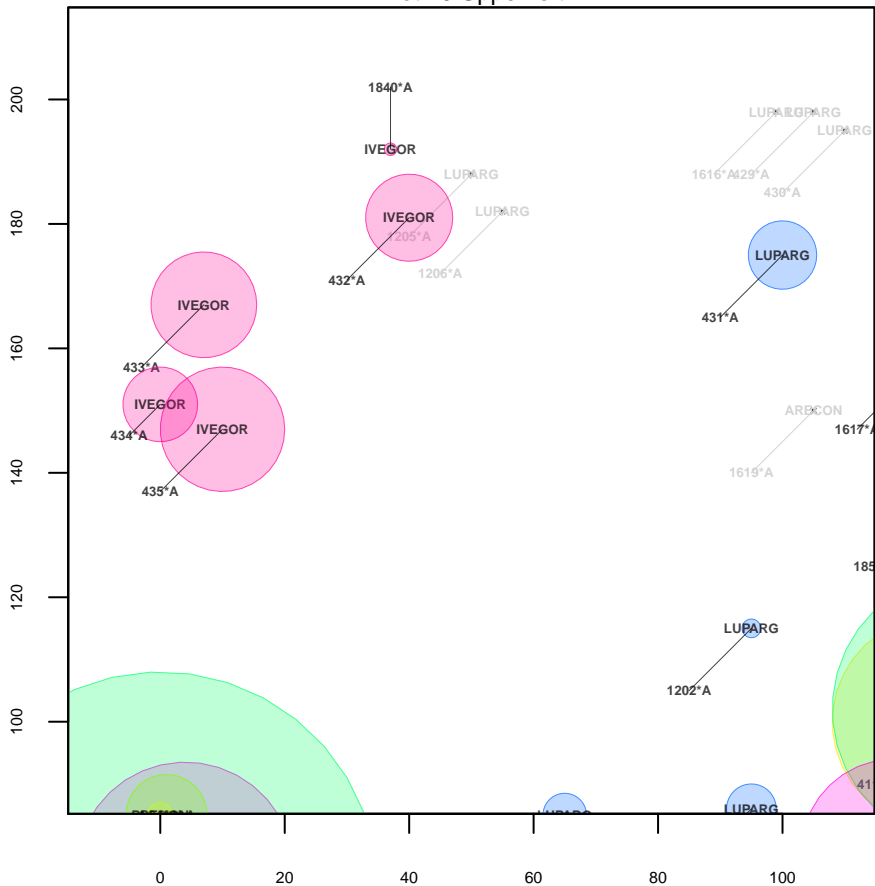
Plot 20 Lower left



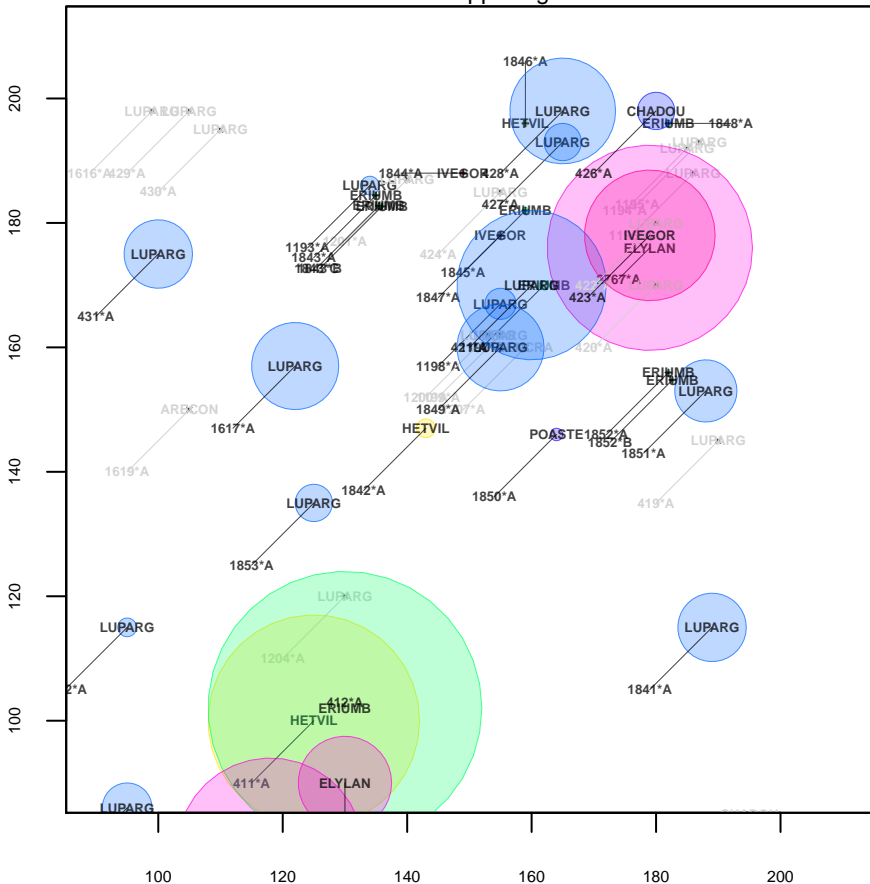
Plot 20 Lower right



Plot 20 Upper left

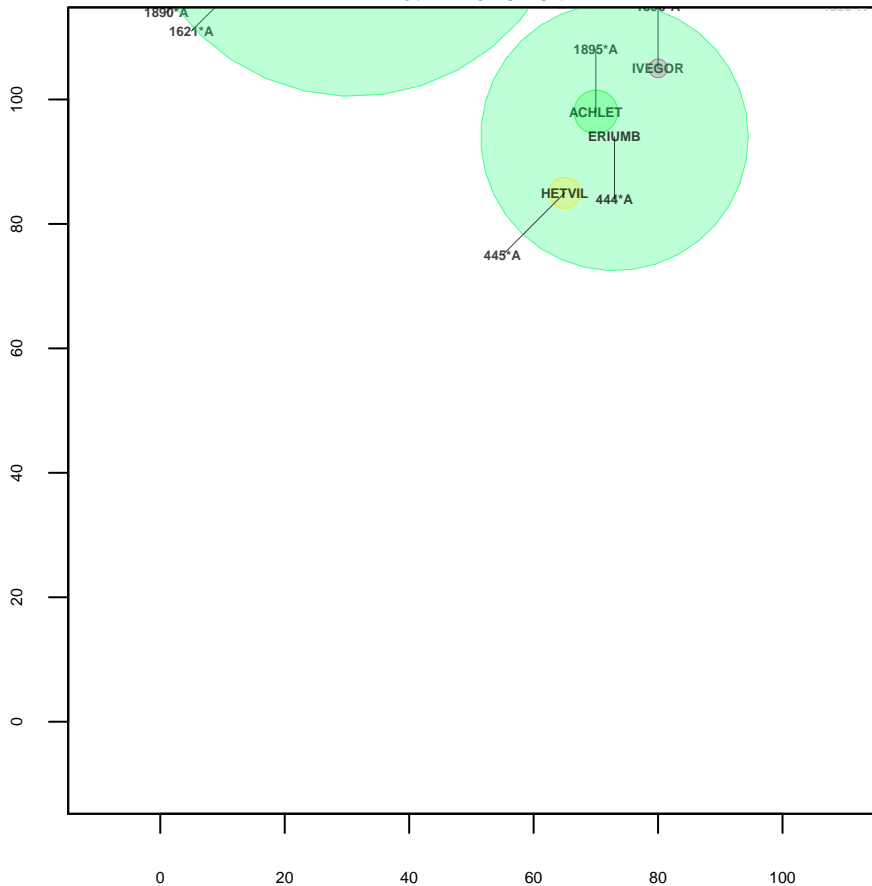


### Plot 20 Upper right

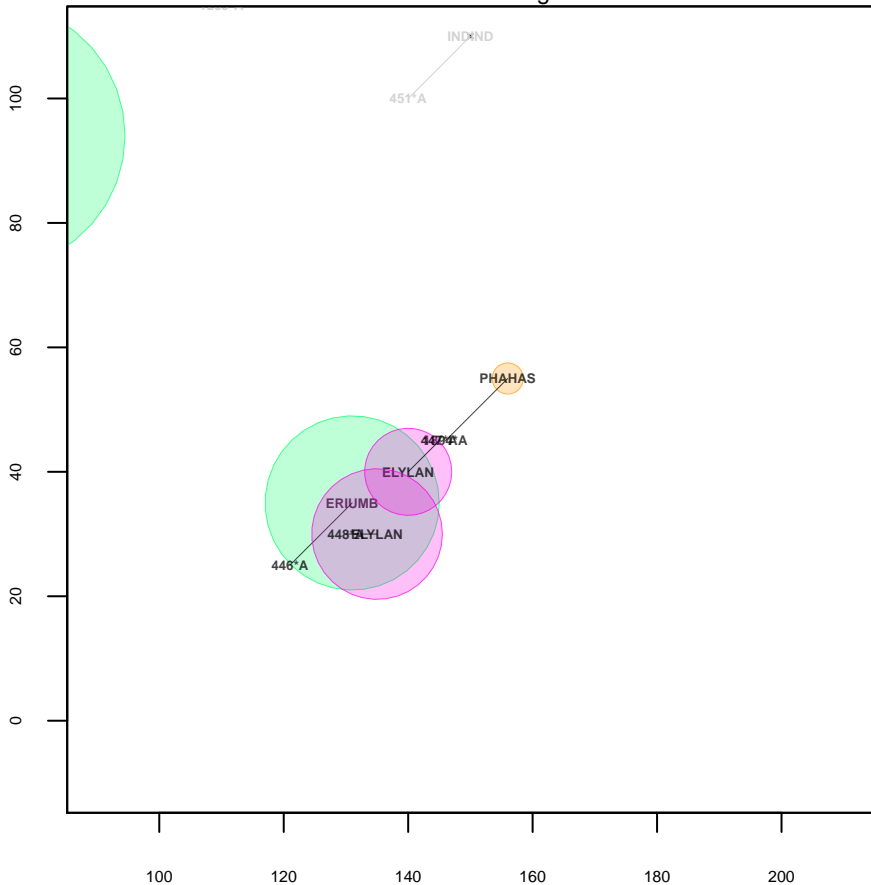




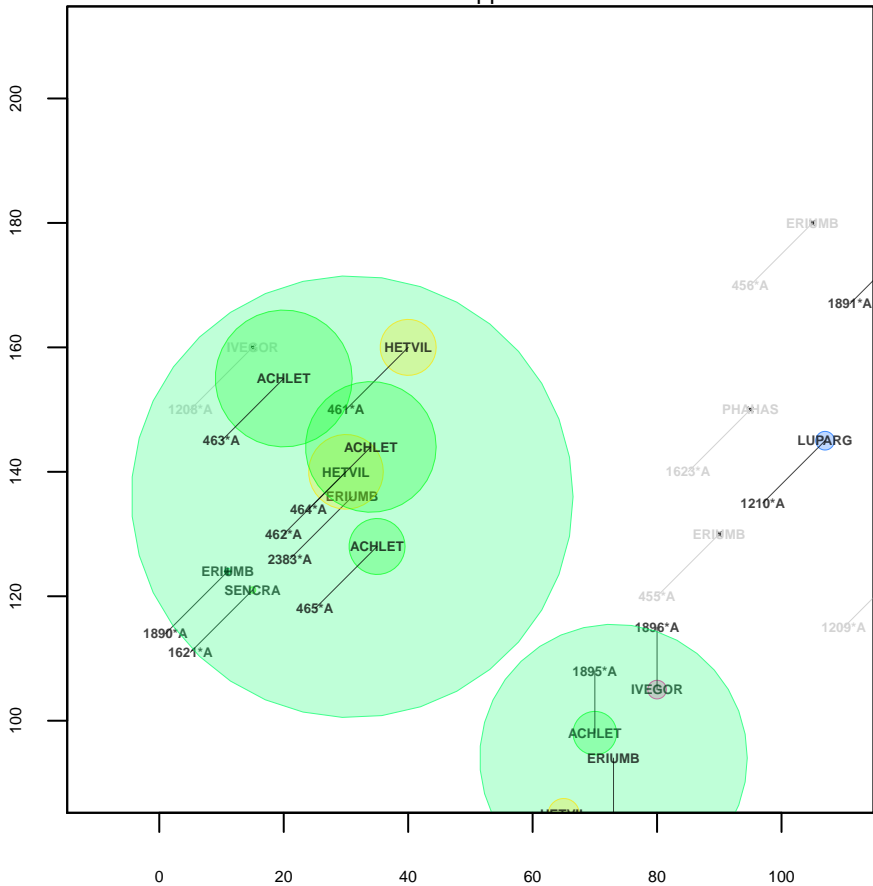
Plot 21 Lower left



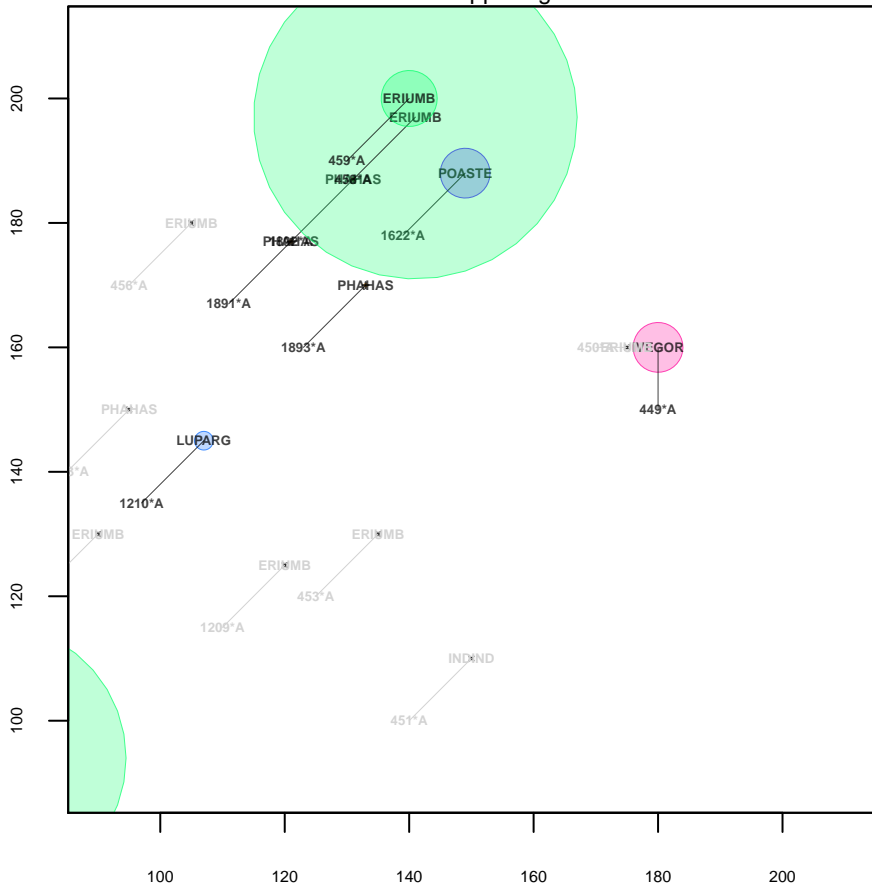
Plot 21 Lower right



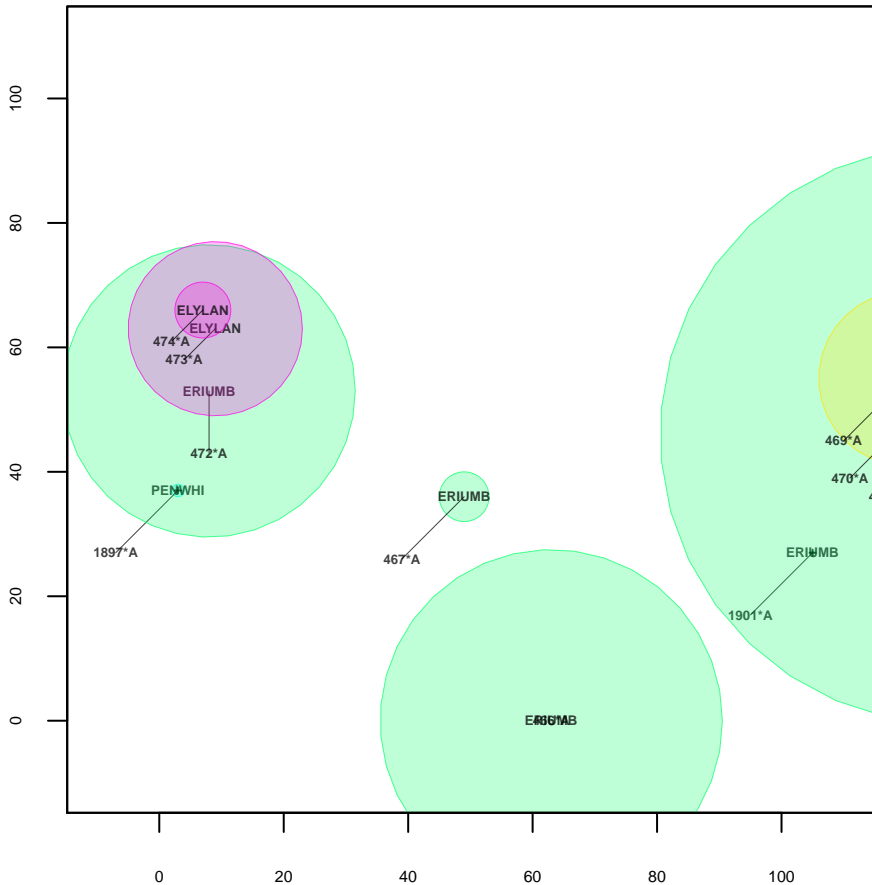
Plot 21 Upper left



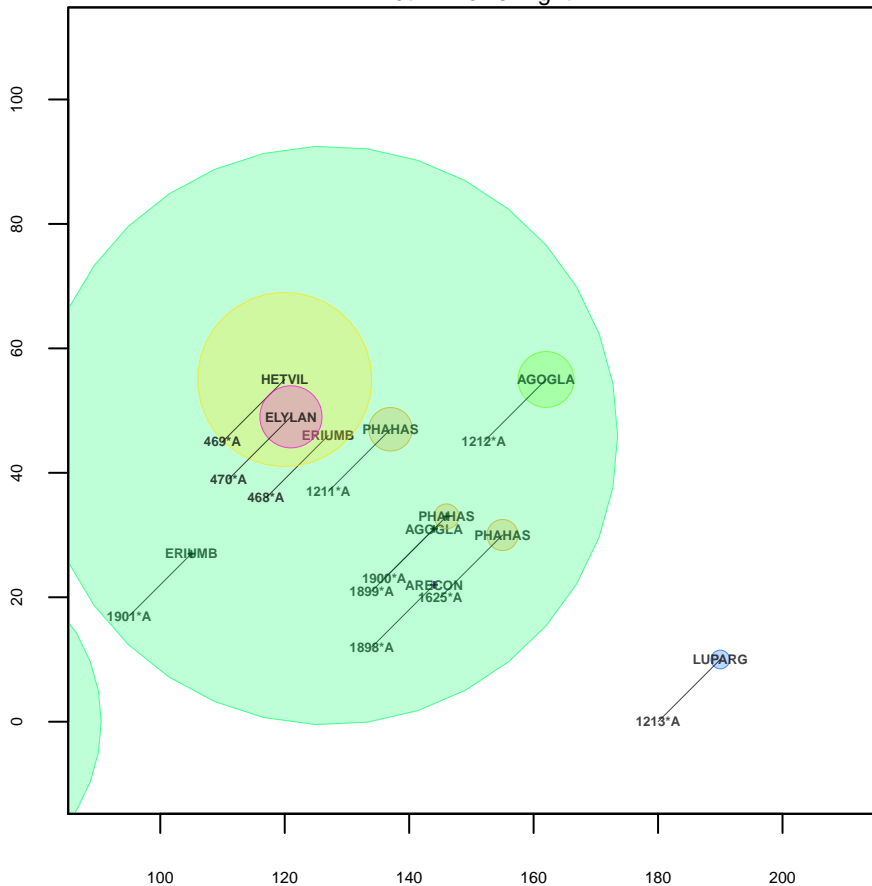
Plot 21 Upper right



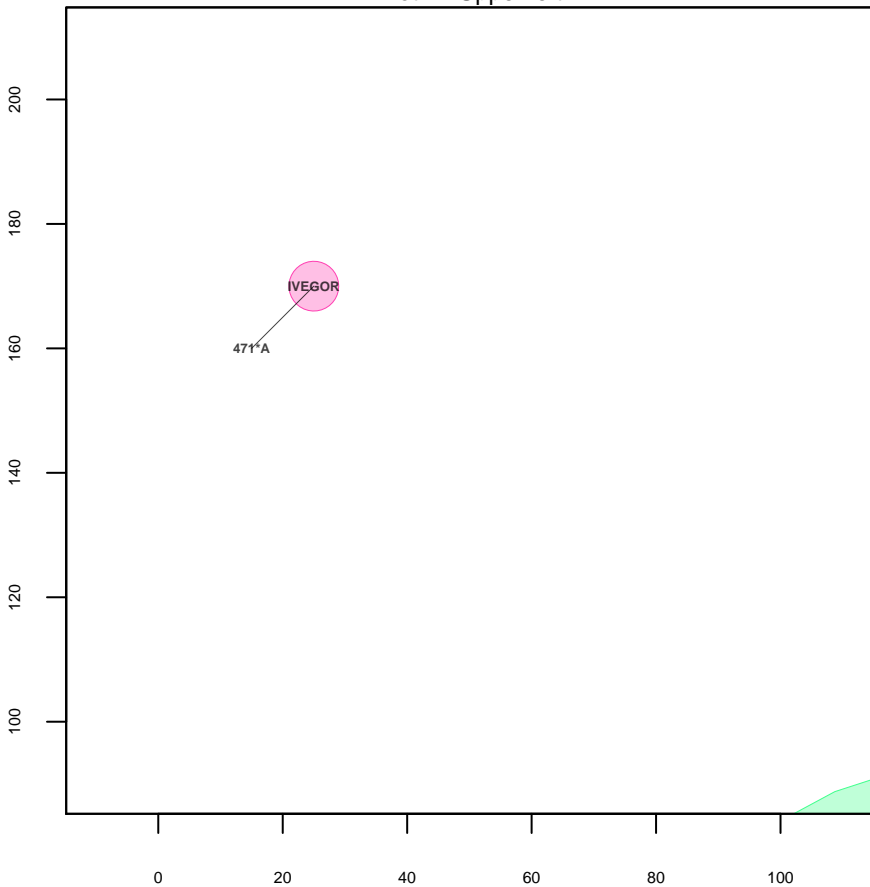
Plot 22 Lower left



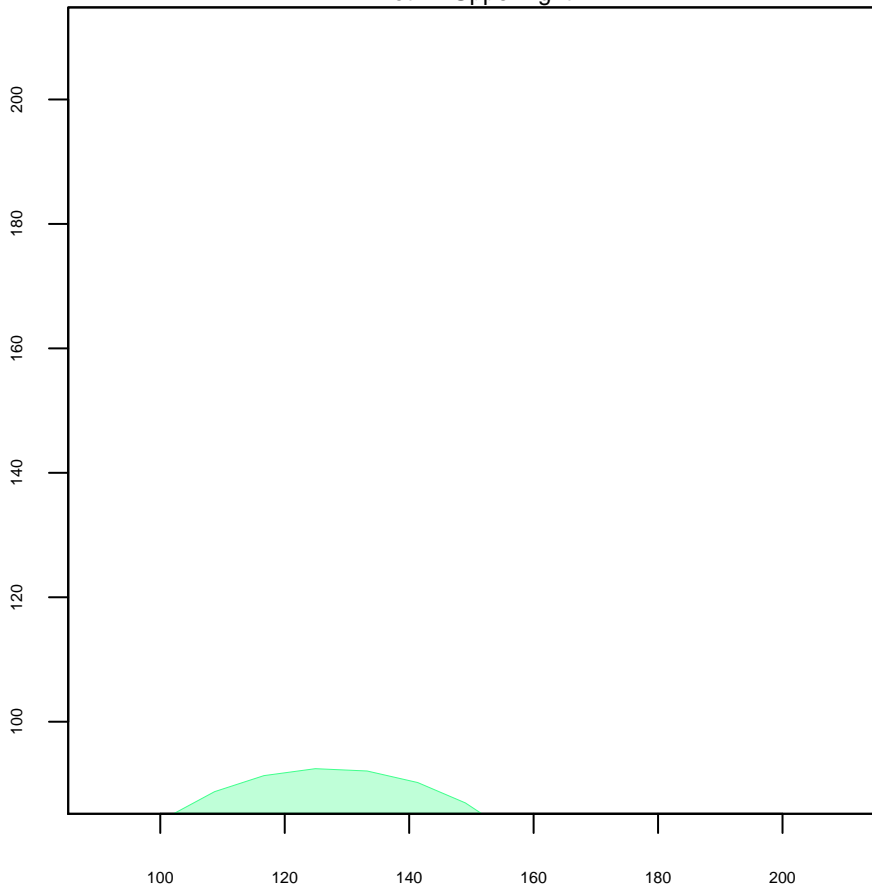
Plot 22 Lower right



Plot 22 Upper left

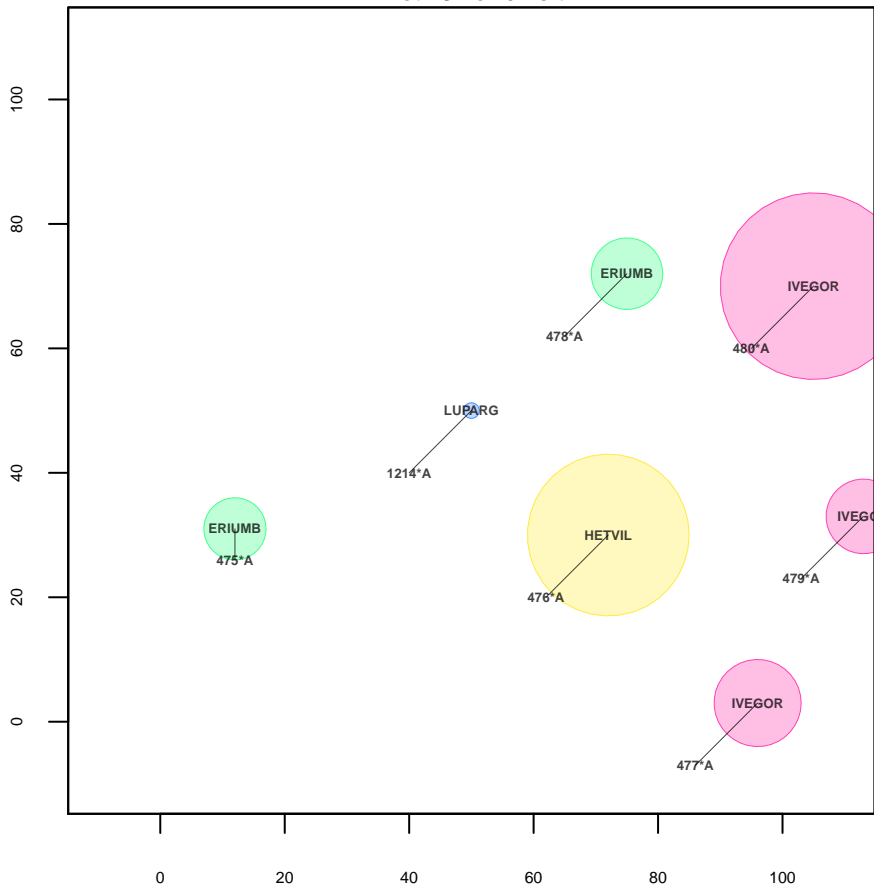


Plot 22 Upper right

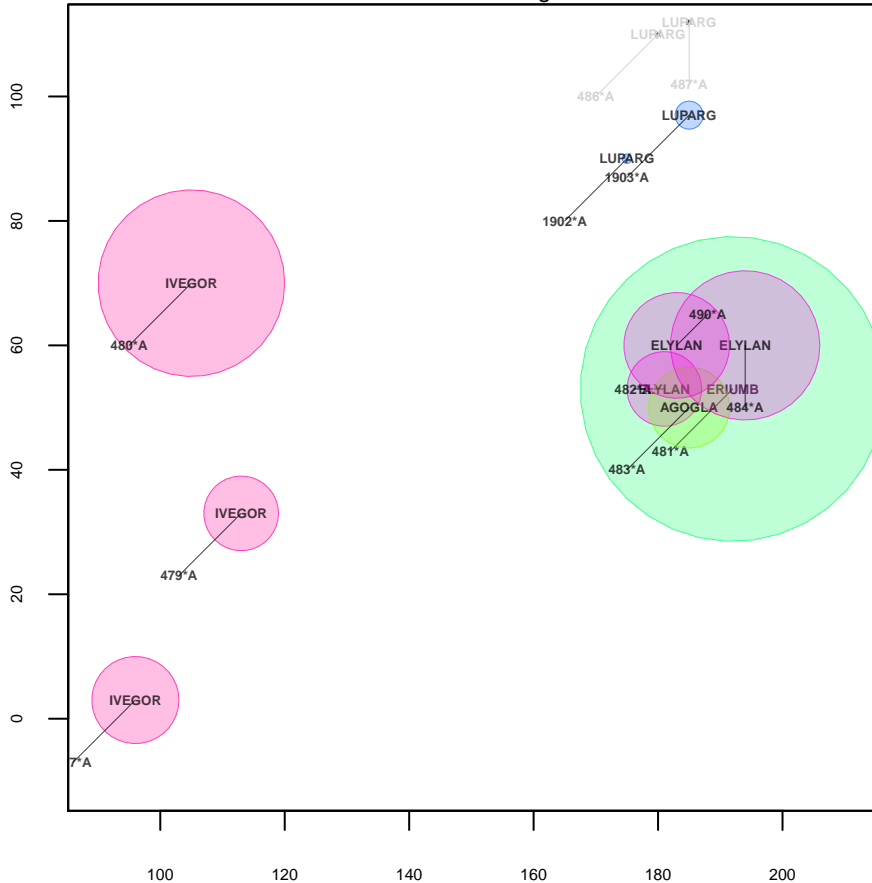




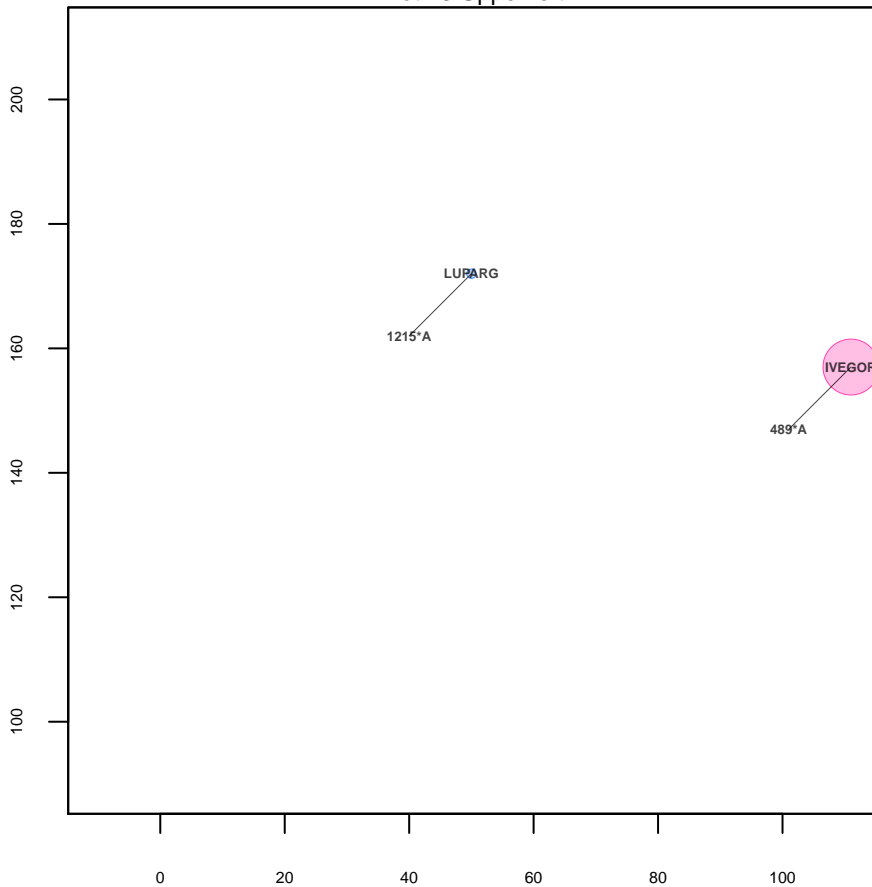
Plot 23 Lower left



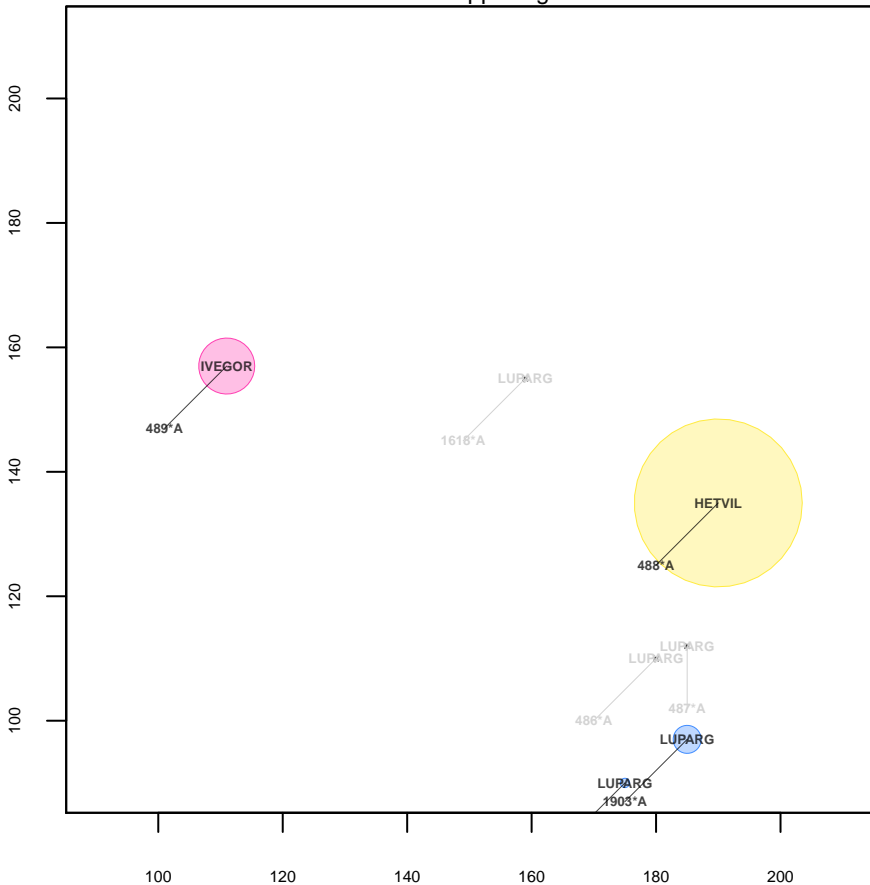
Plot 23 Lower right



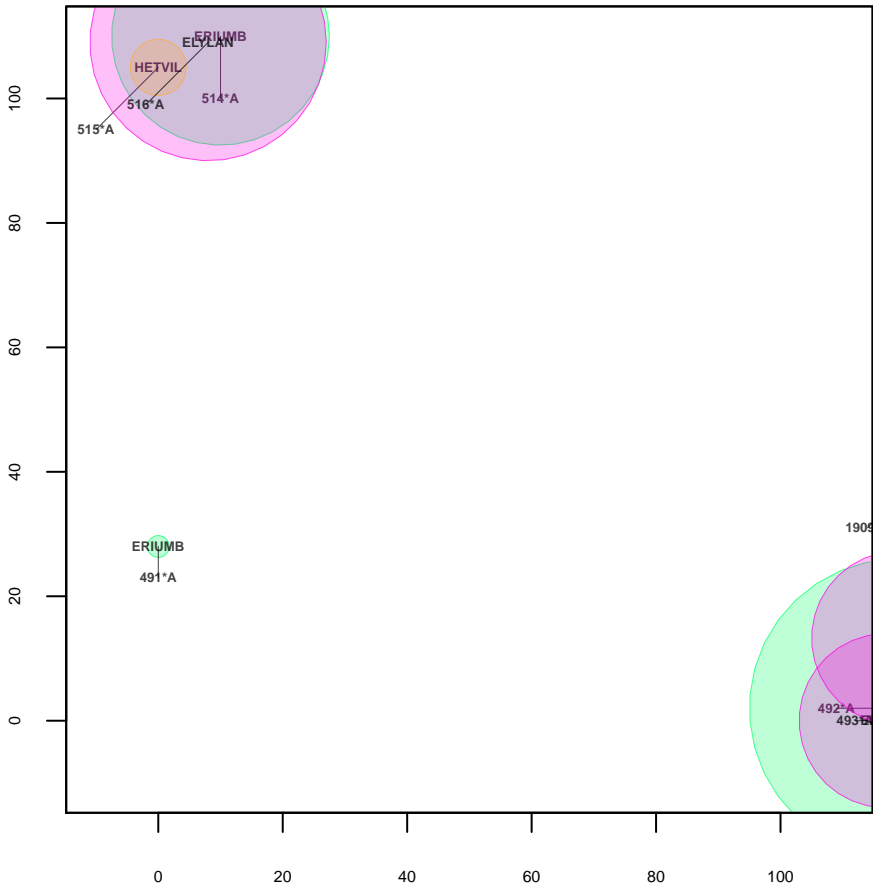
Plot 23 Upper left



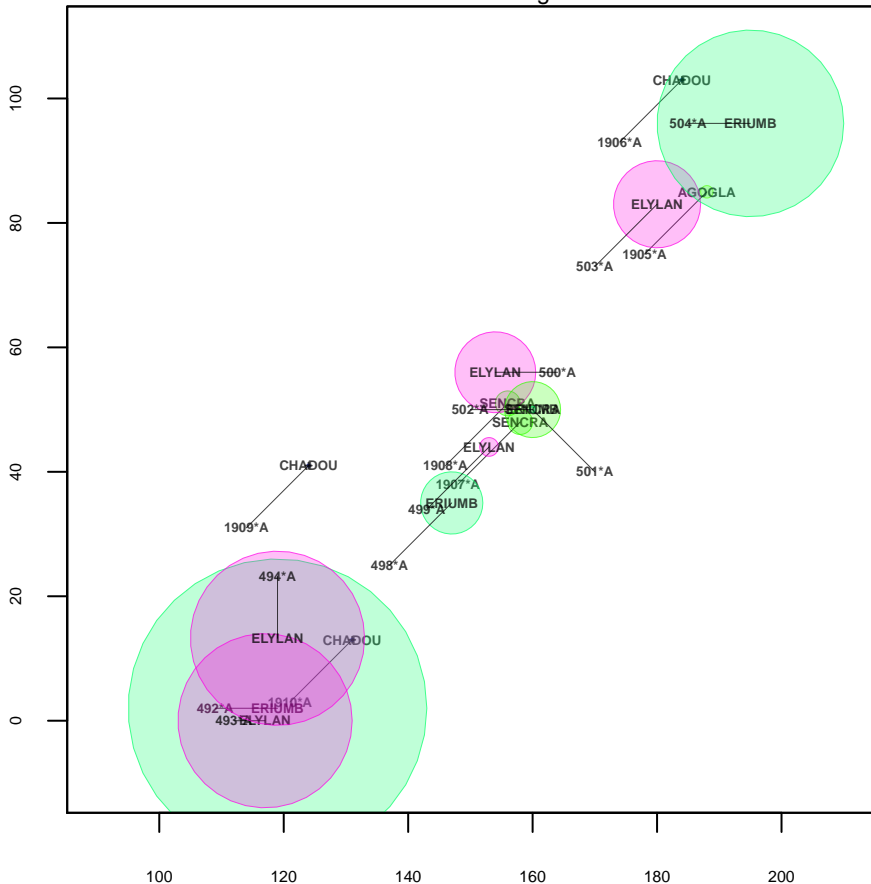
Plot 23 Upper right



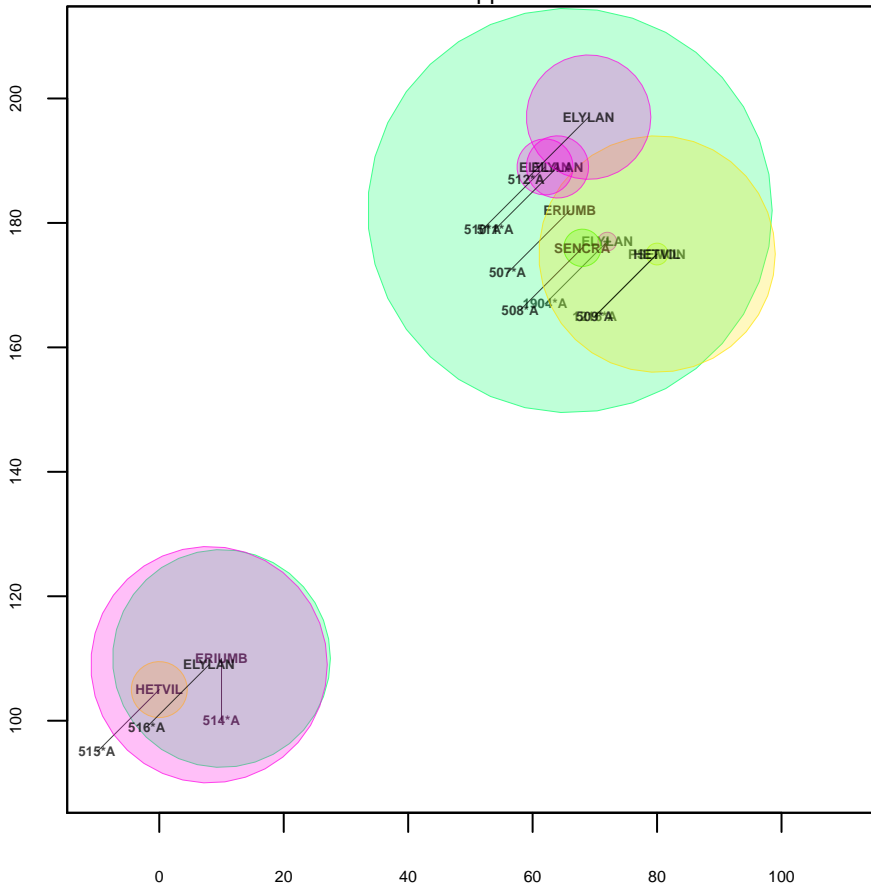
Plot 24 Lower left



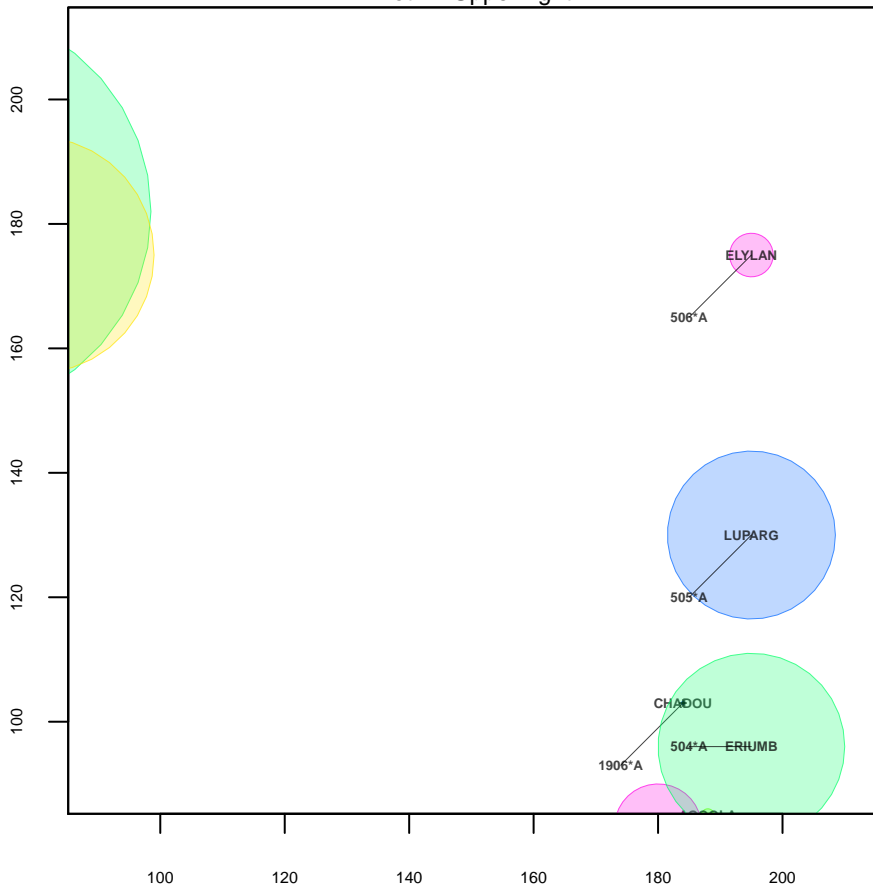
Plot 24 Lower right



Plot 24 Upper left

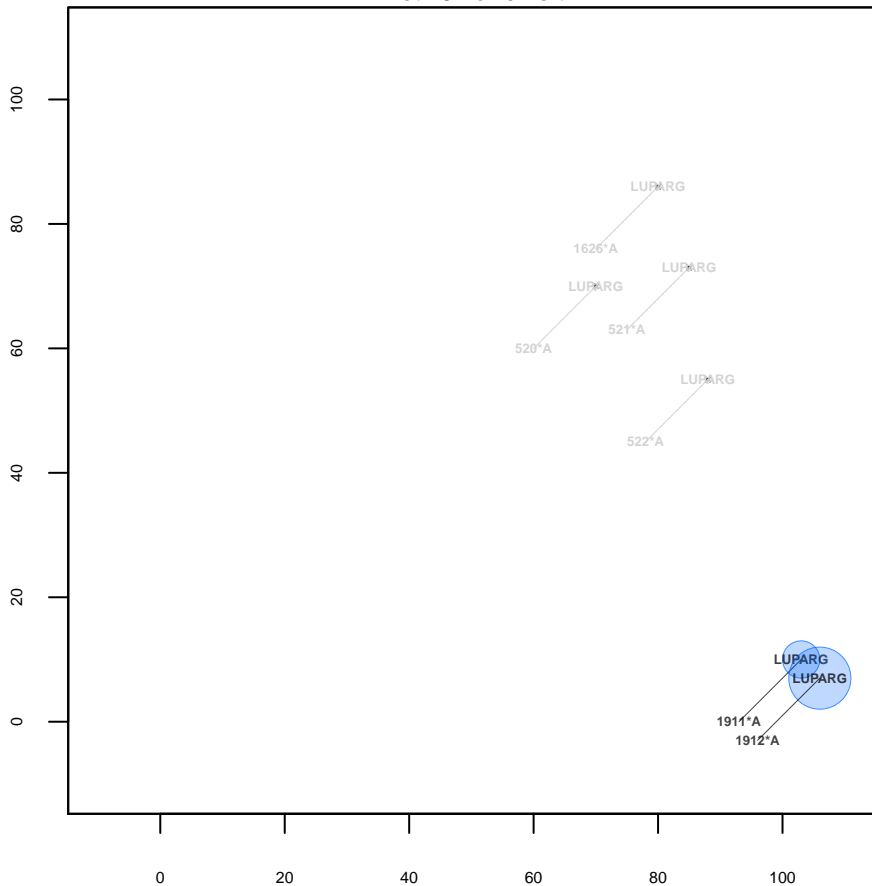


Plot 24 Upper right

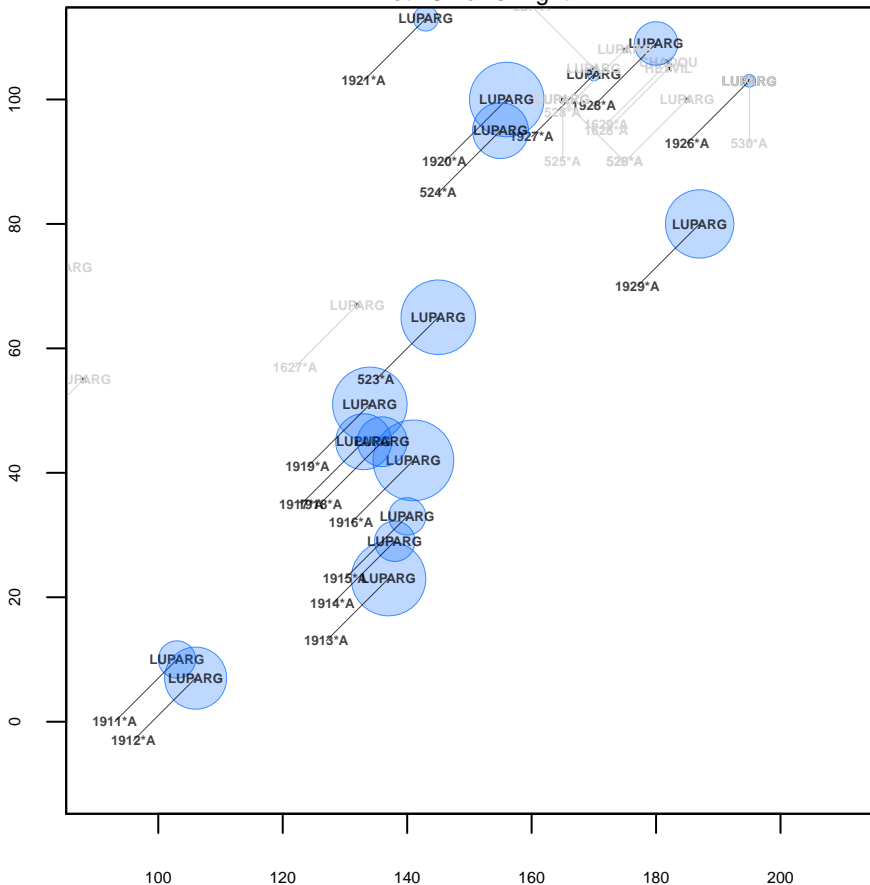




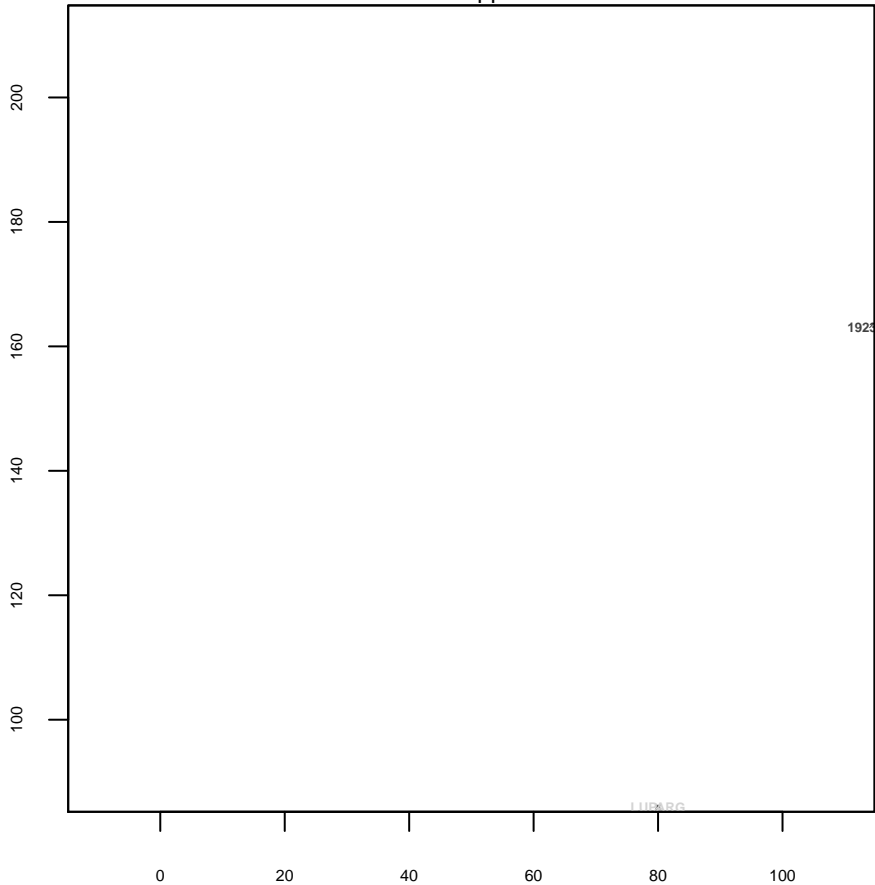
Plot 25 Lower left



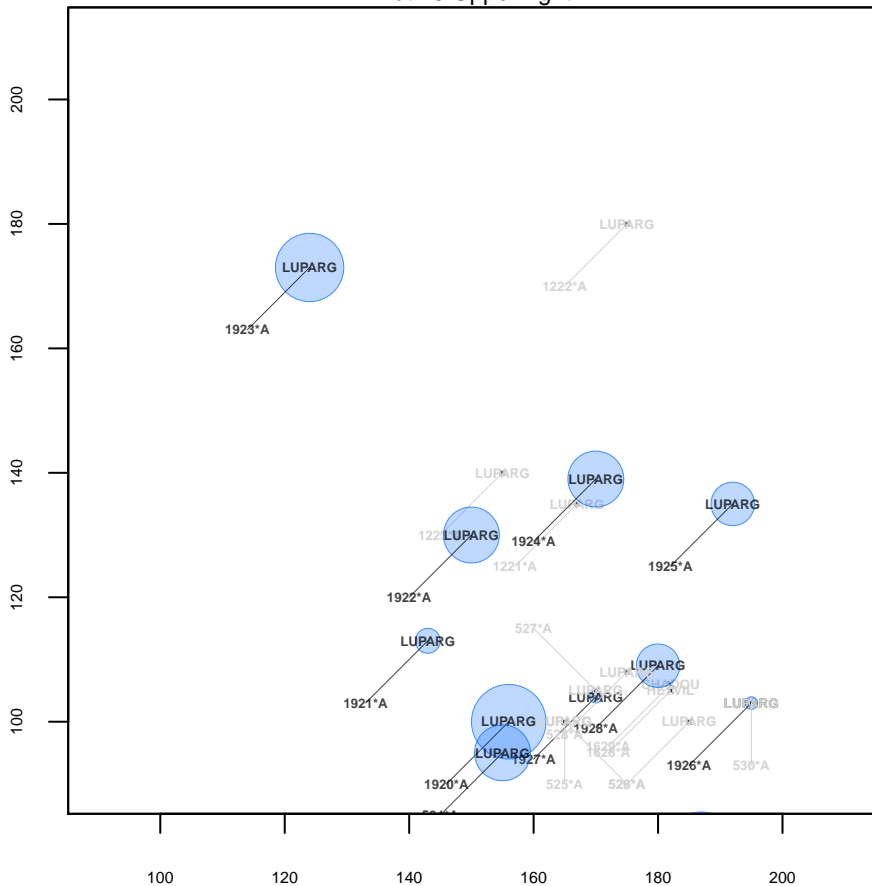
Plot 25 Lower right



Plot 25 Upper left



Plot 25 Upper right



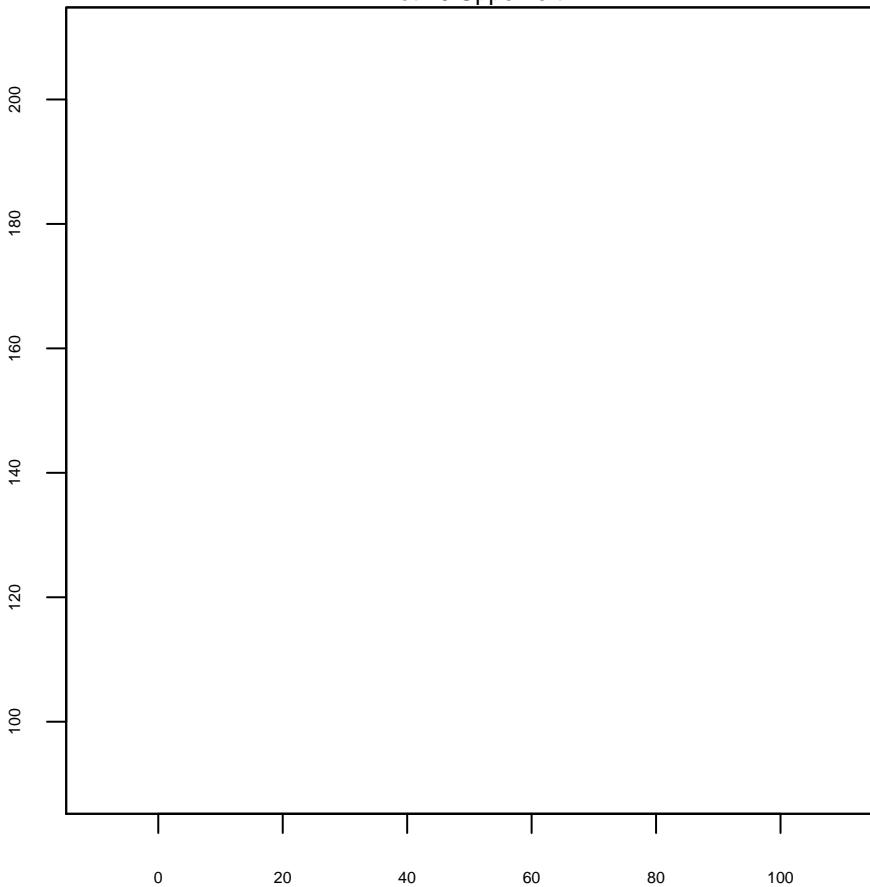
Plot 26 Lower left



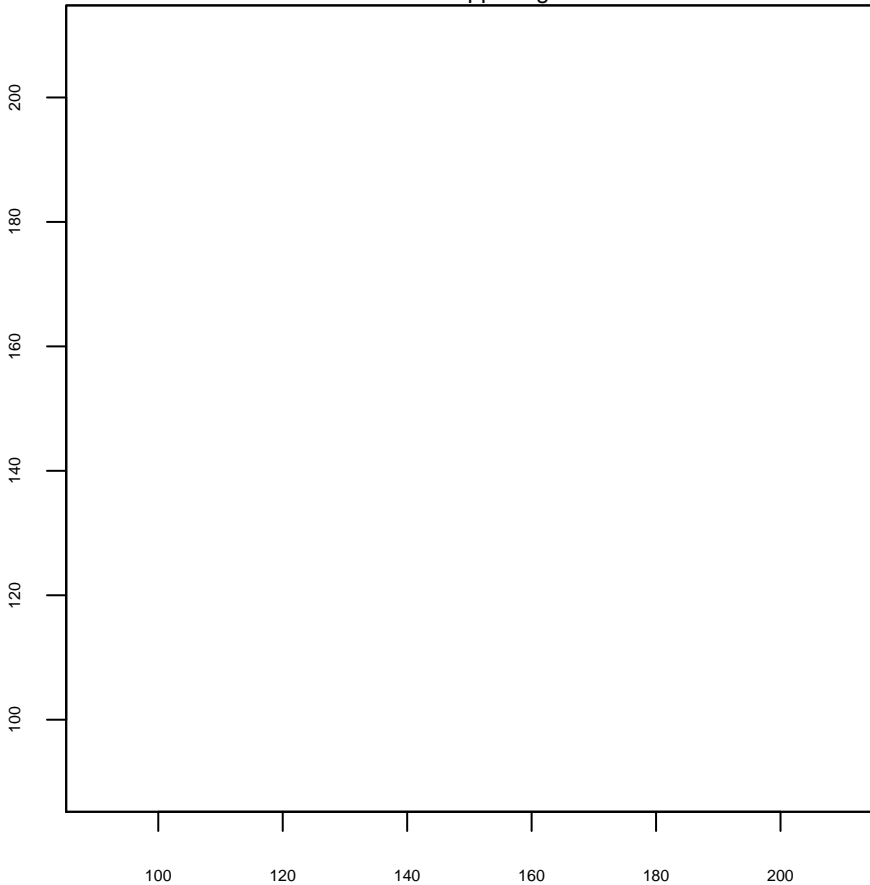
Plot 26 Lower right



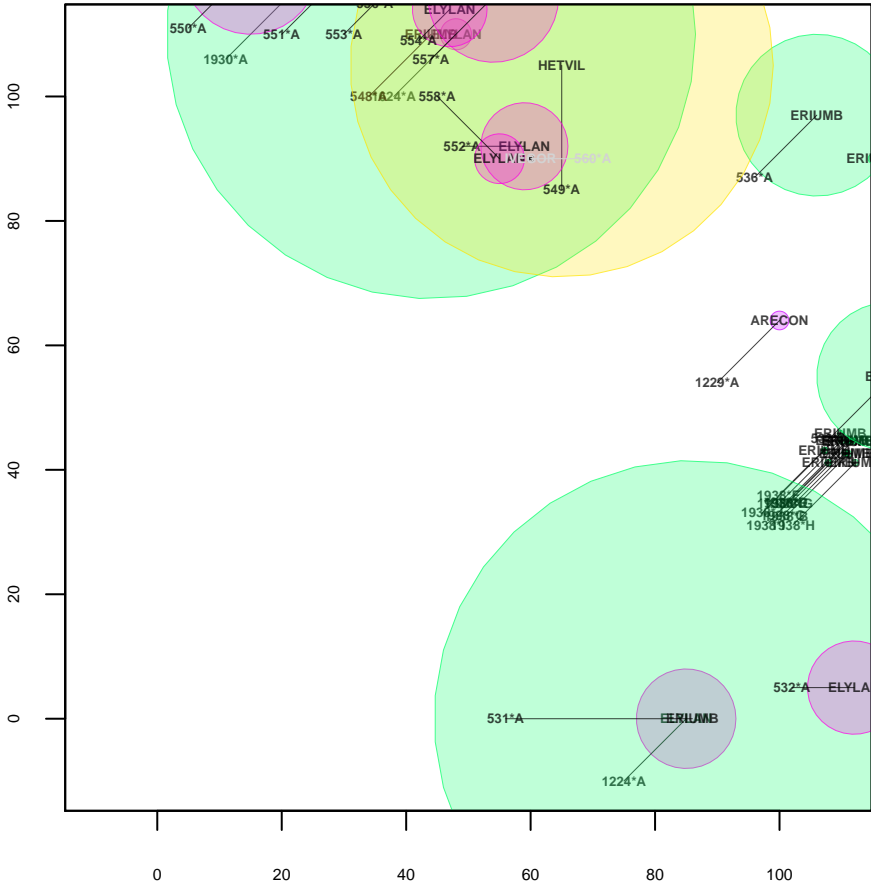
Plot 26 Upper left



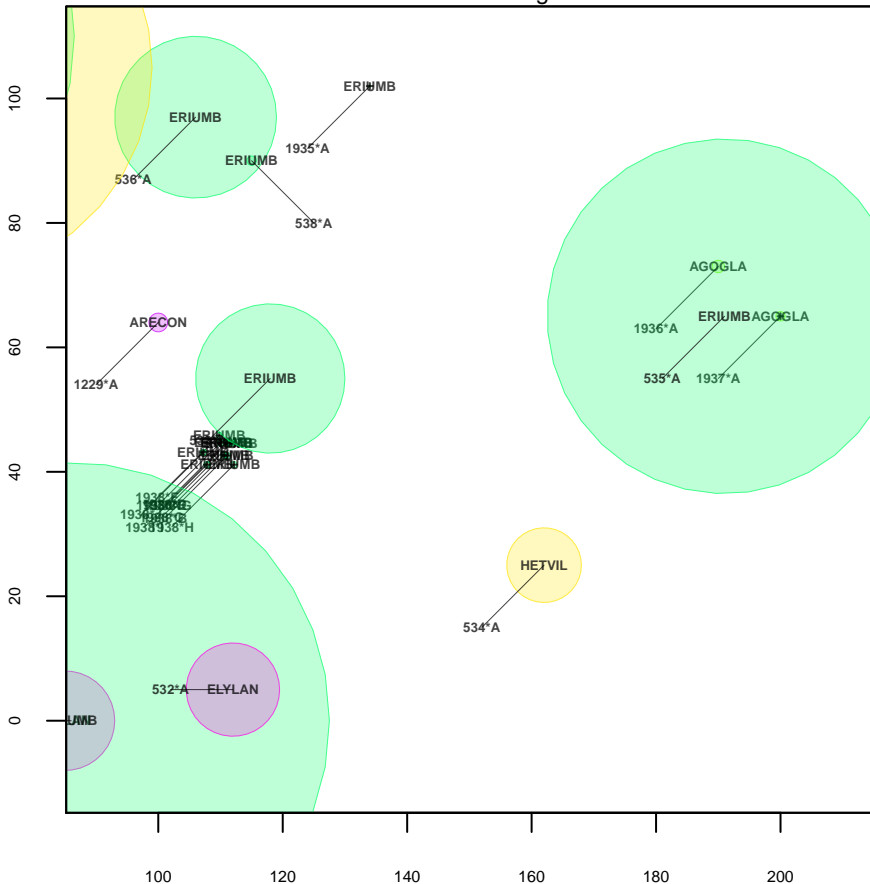
Plot 26 Upper right



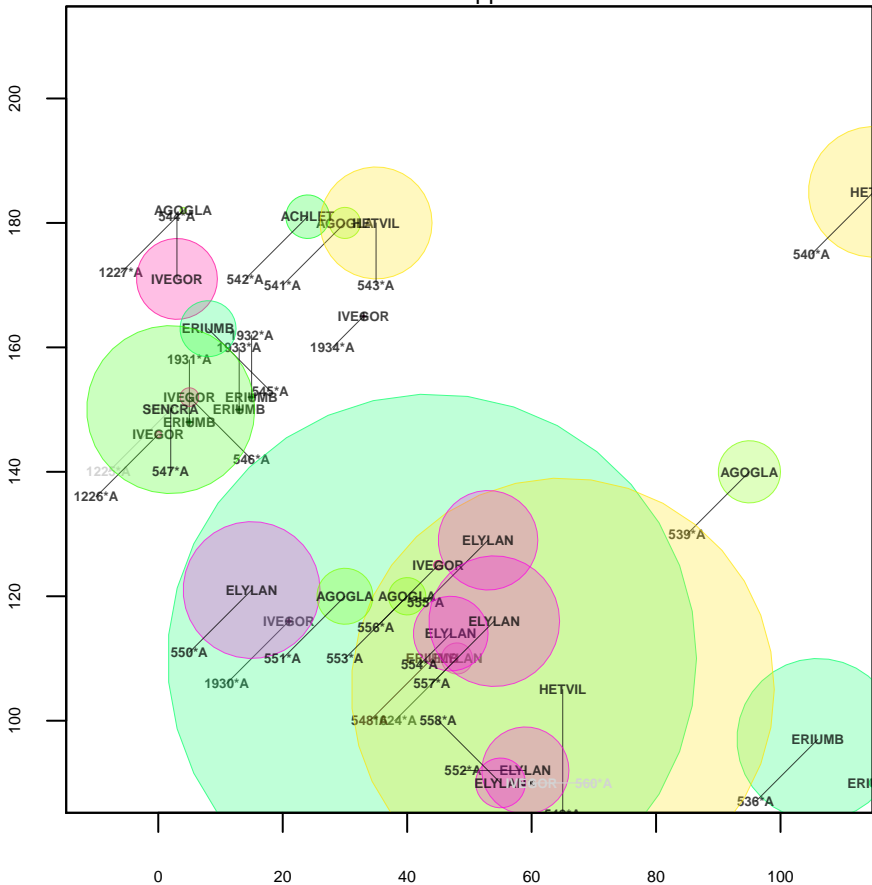




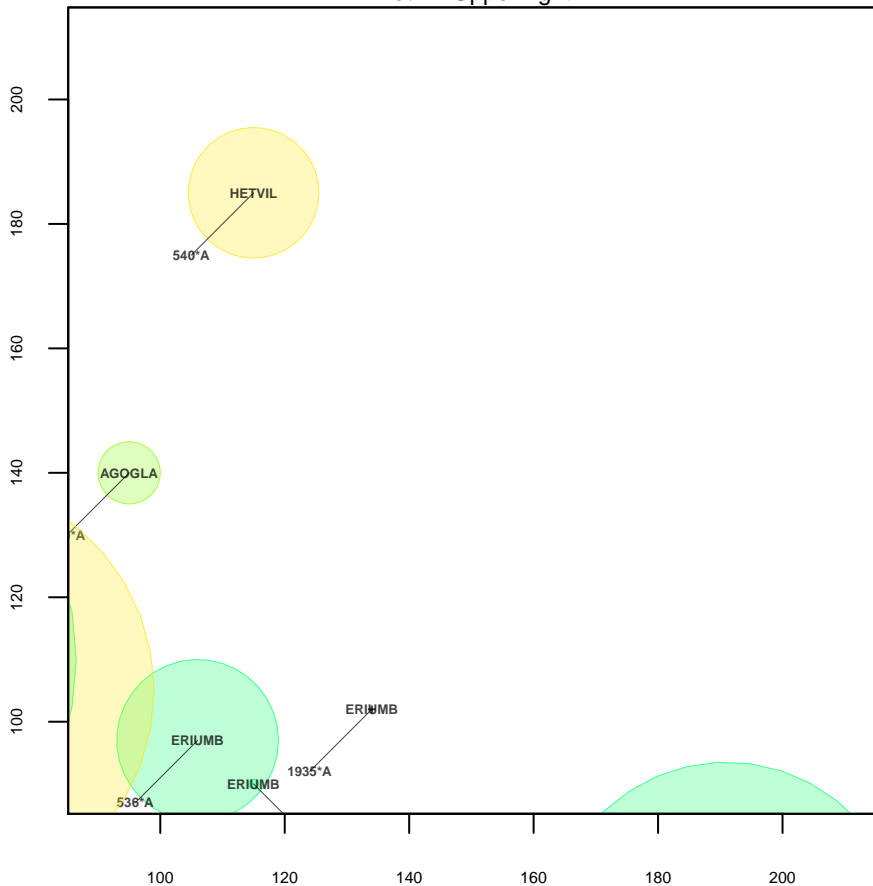
Plot 27 Lower right



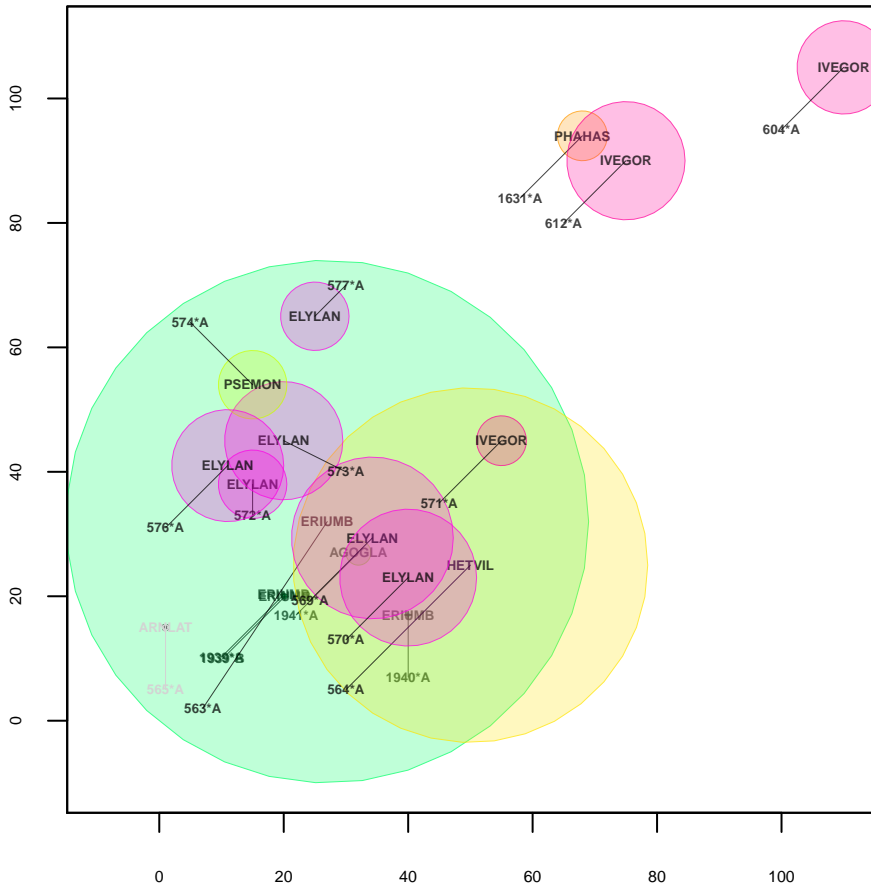
### Plot 27 Upper left



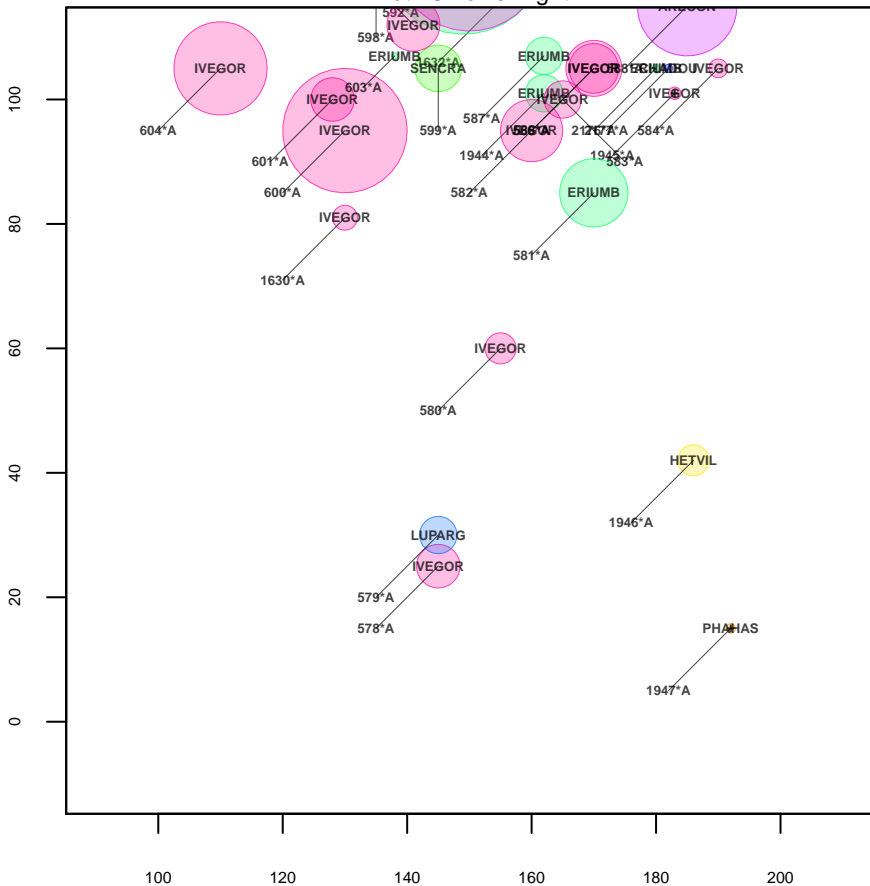
Plot 27 Upper right



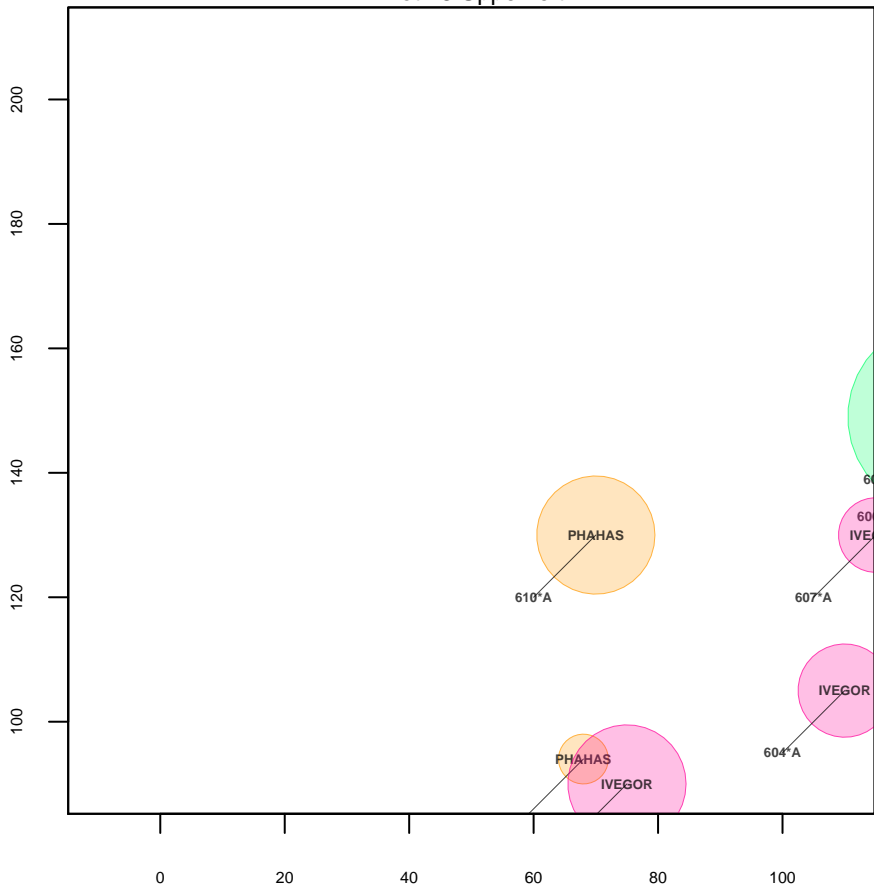
Plot 28 Lower left



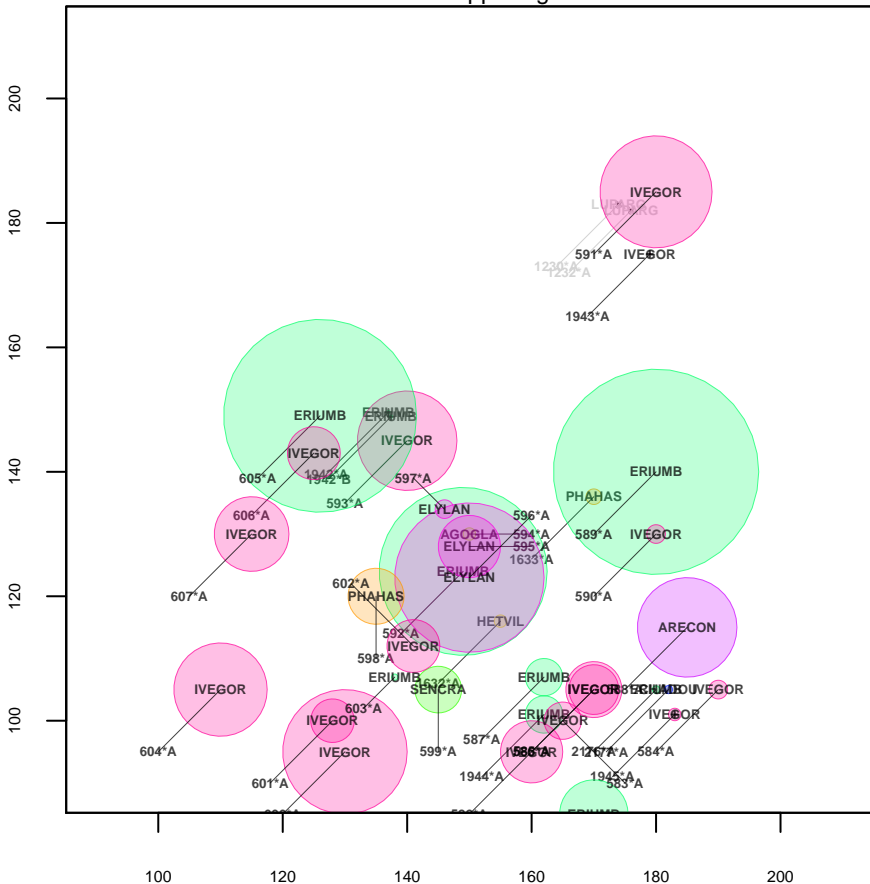
Plot 28 Lower right



Plot 28 Upper left

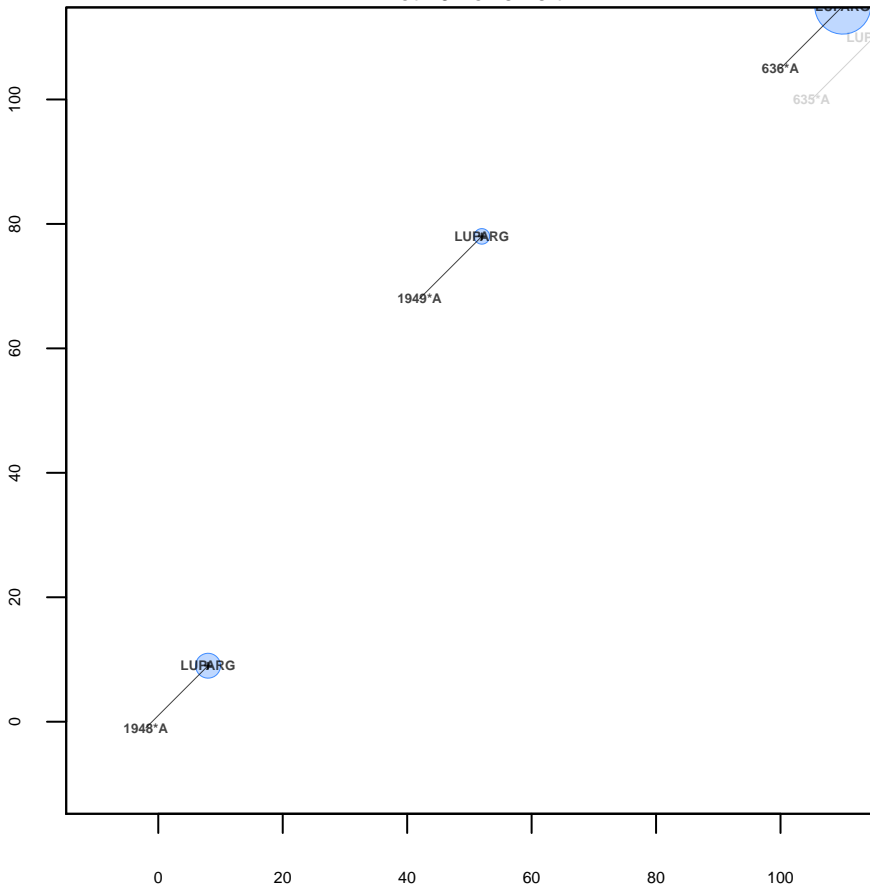


Plot 28 Upper right

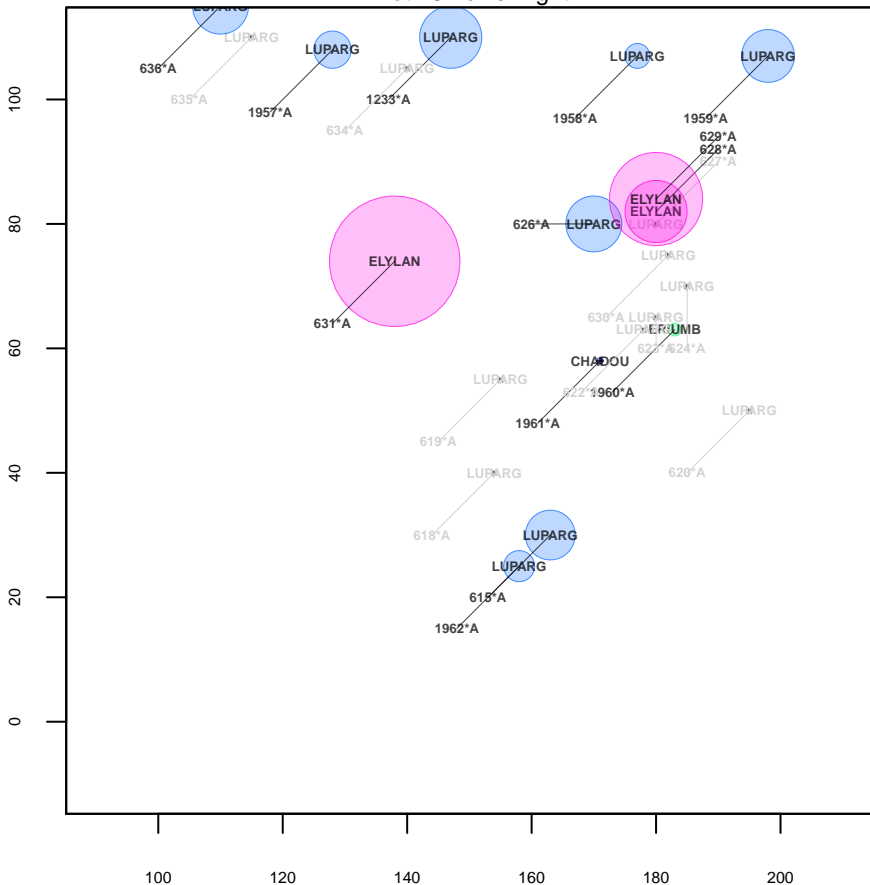




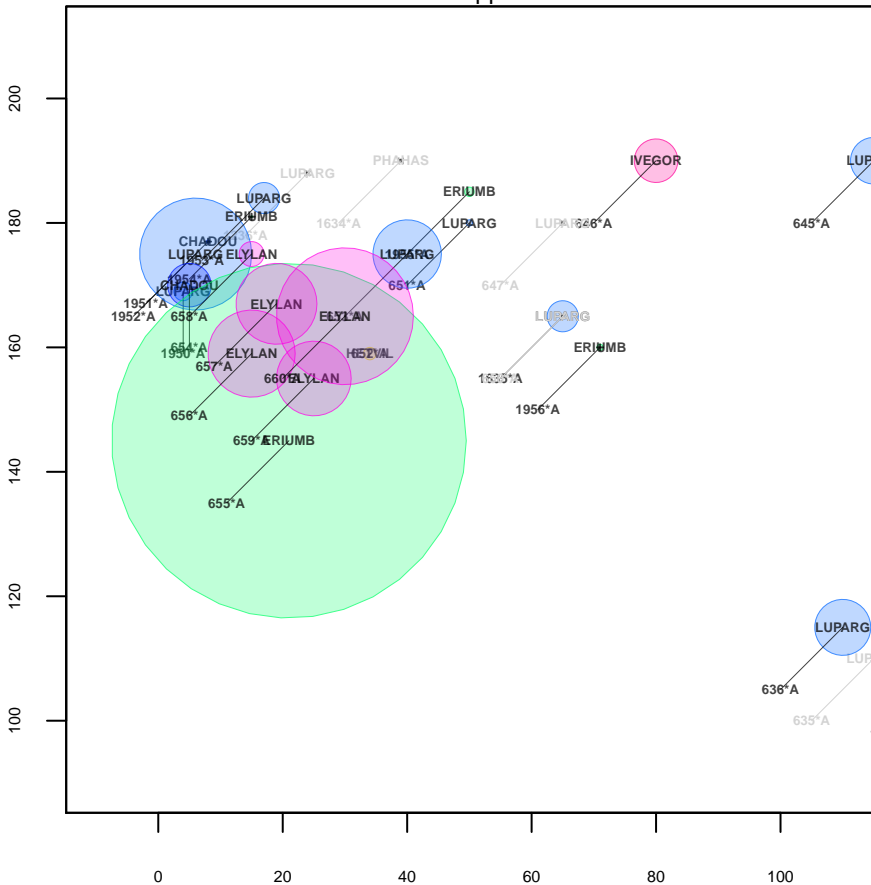
Plot 29 Lower left



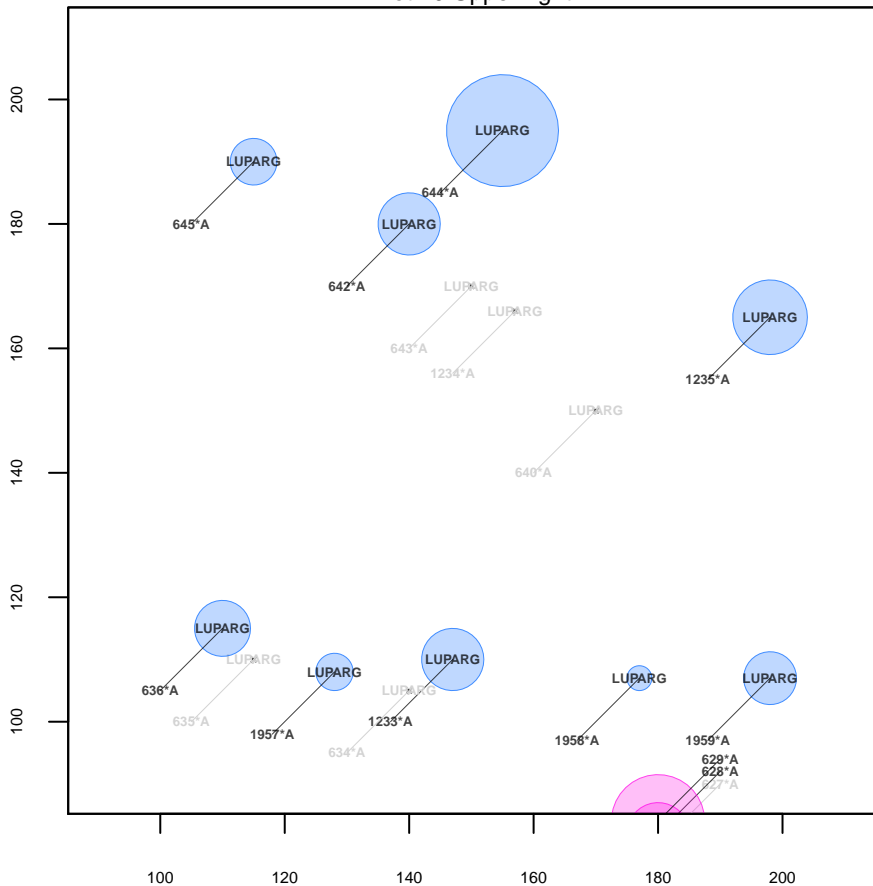
Plot 29 Lower right



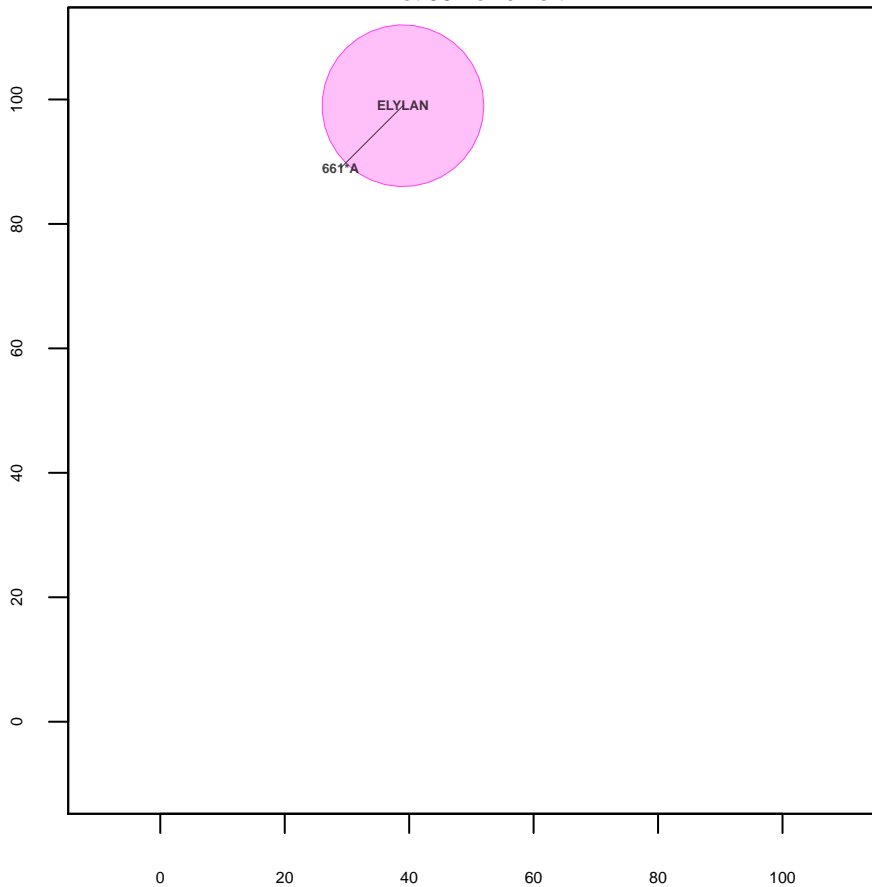
### Plot 29 Upper left



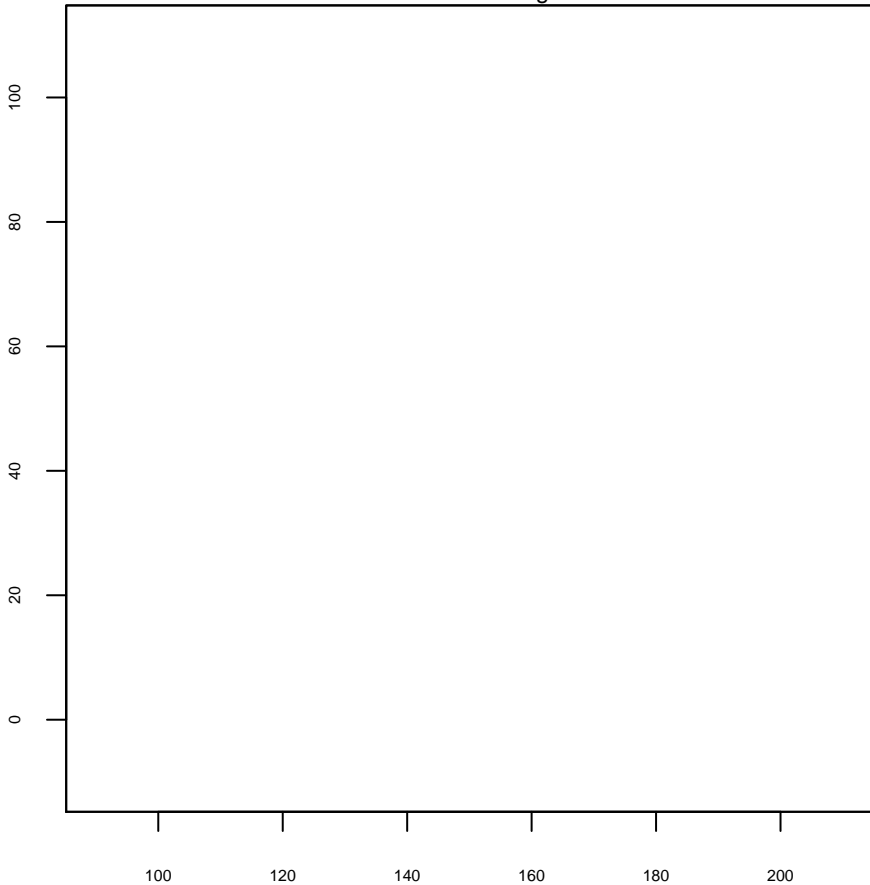
Plot 29 Upper right



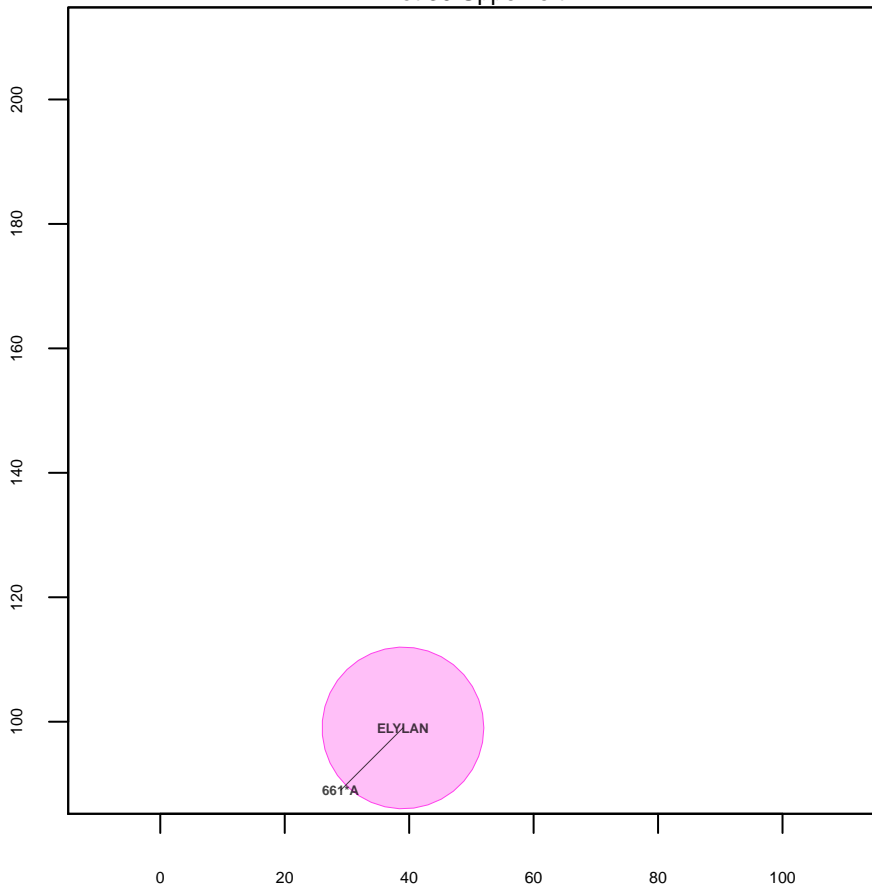
Plot 30 Lower left



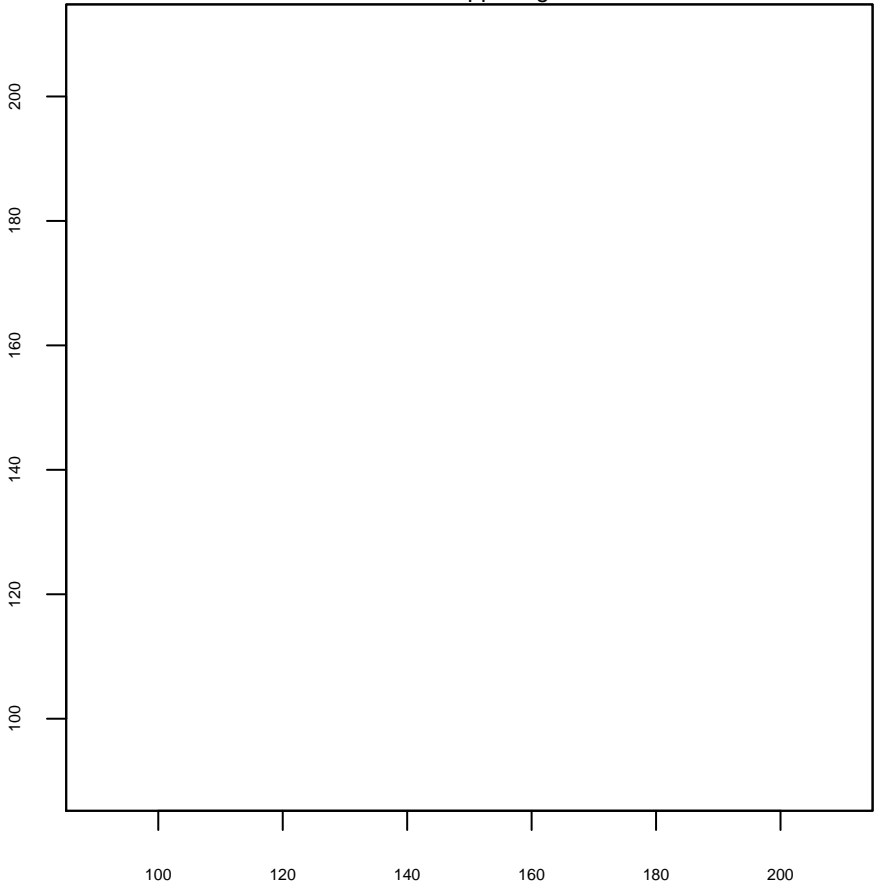
Plot 30 Lower right



Plot 30 Upper left

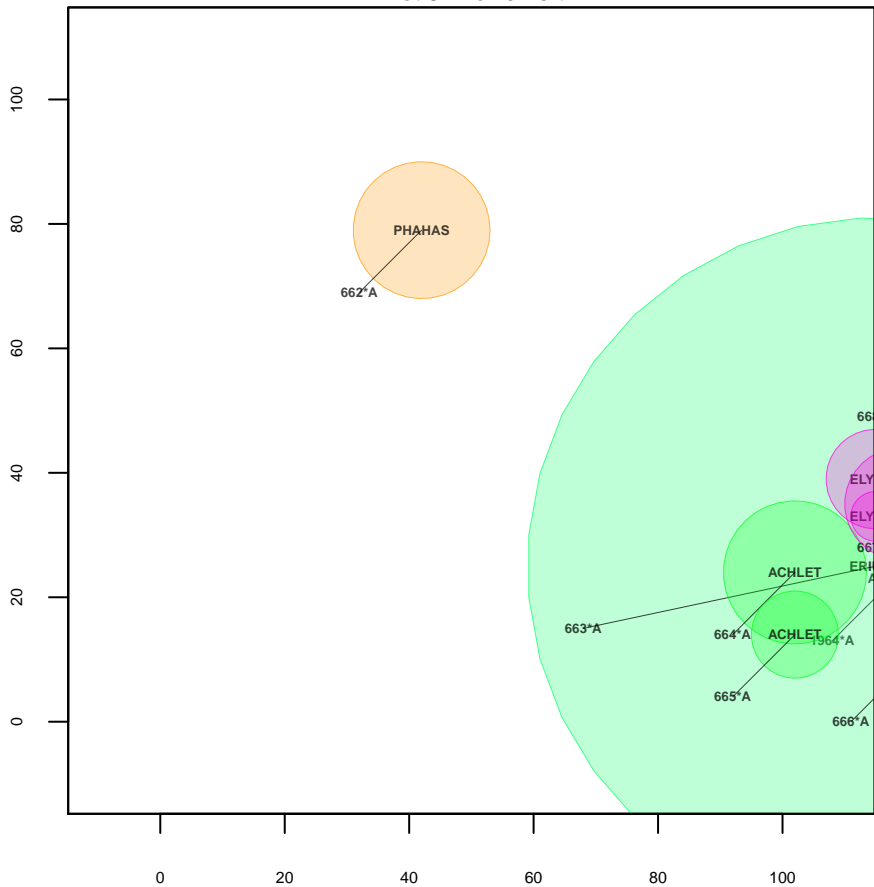


Plot 30 Upper right

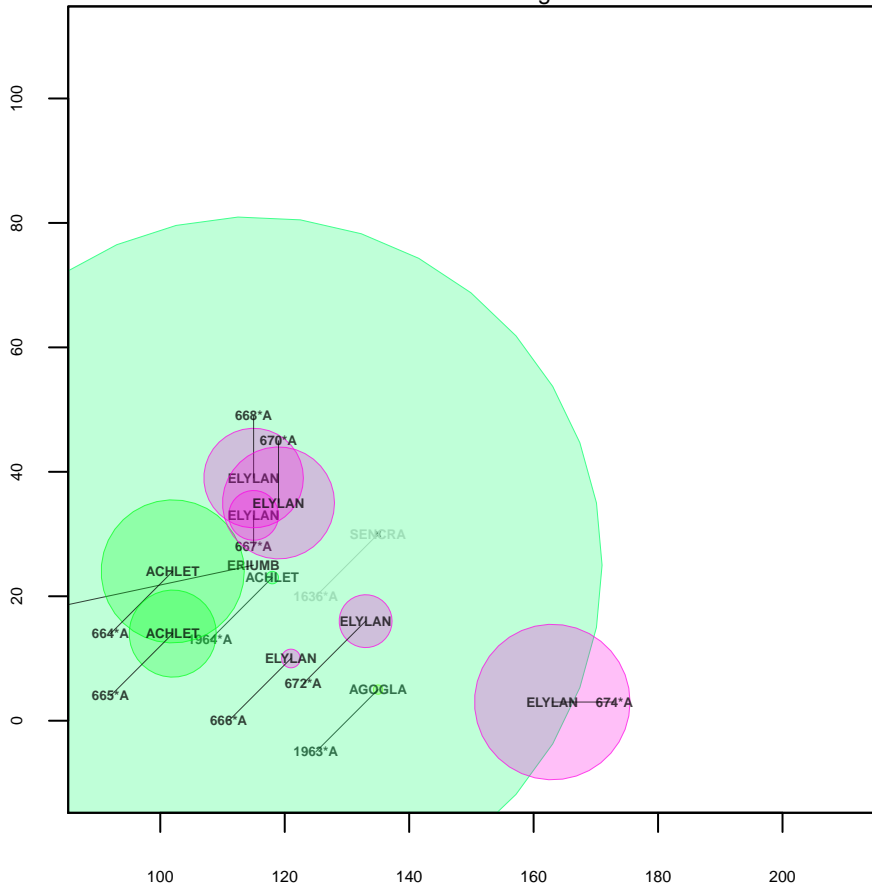




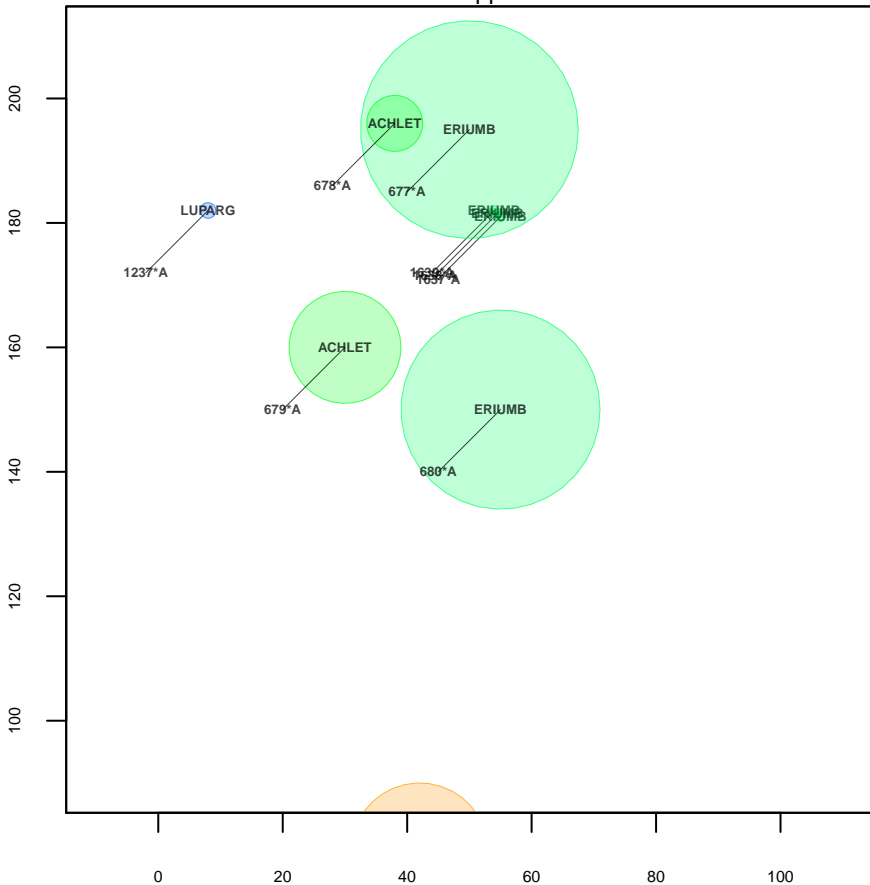
Plot 31 Lower left



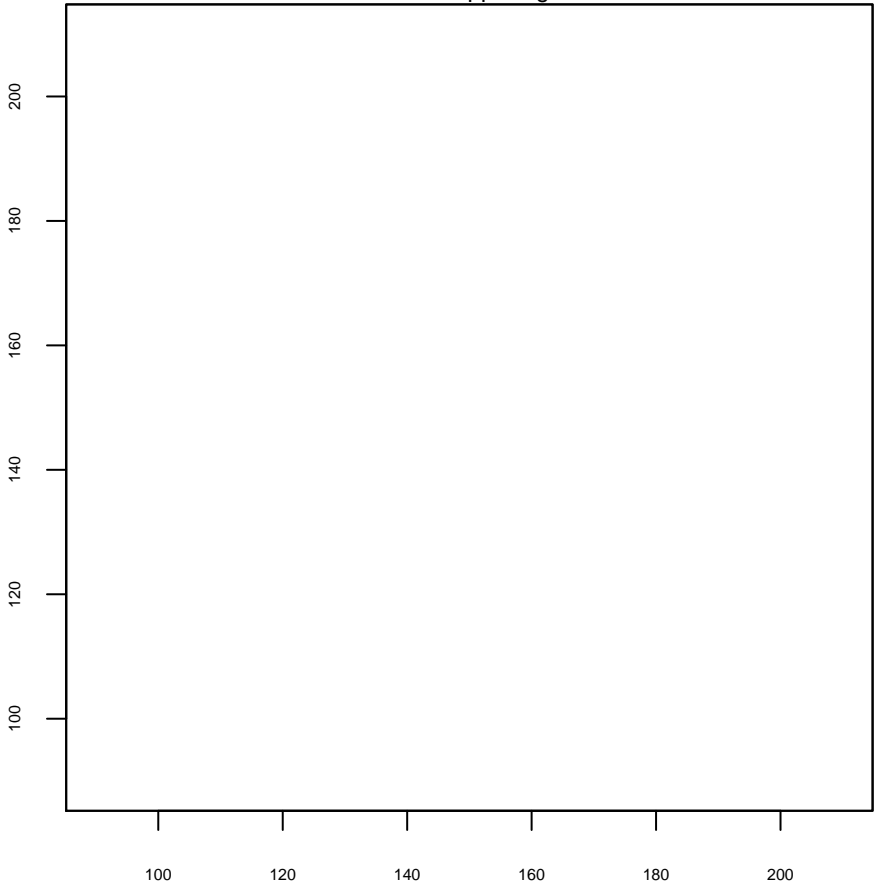
Plot 31 Lower right



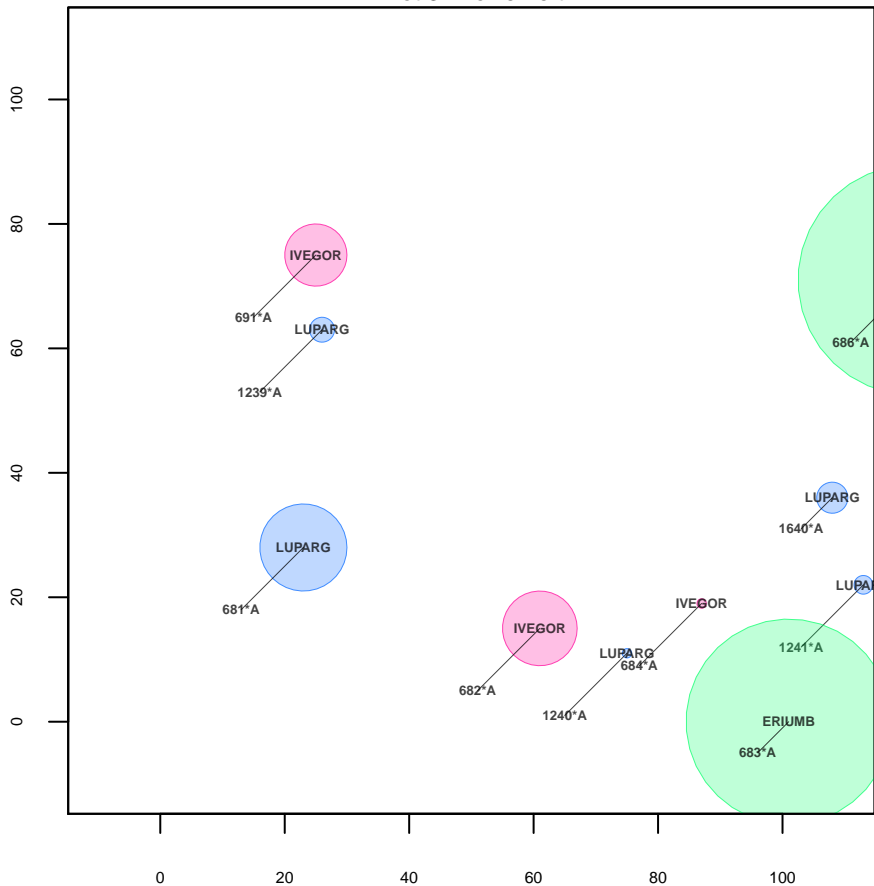
Plot 31 Upper left



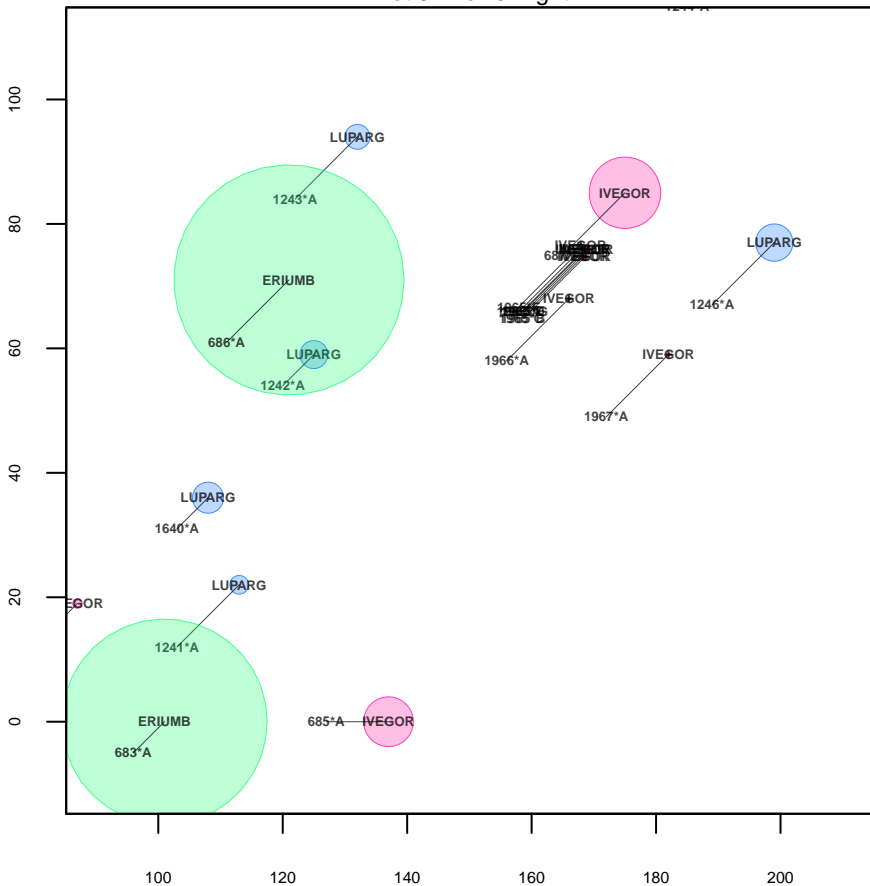
Plot 31 Upper right



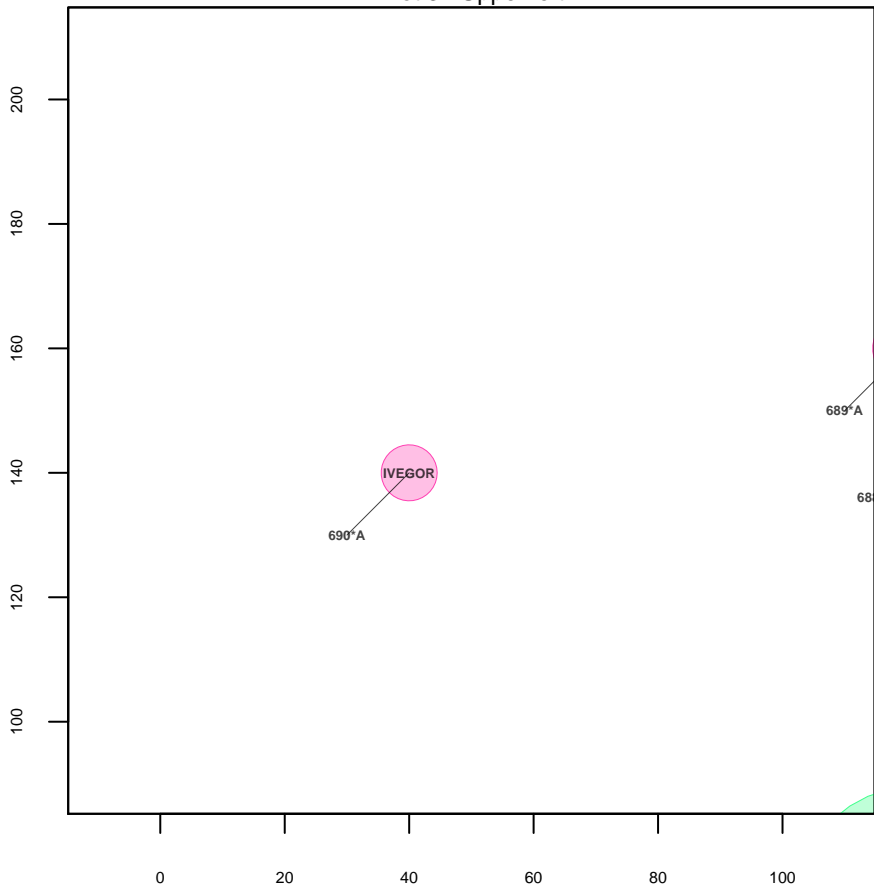
Plot 32 Lower left



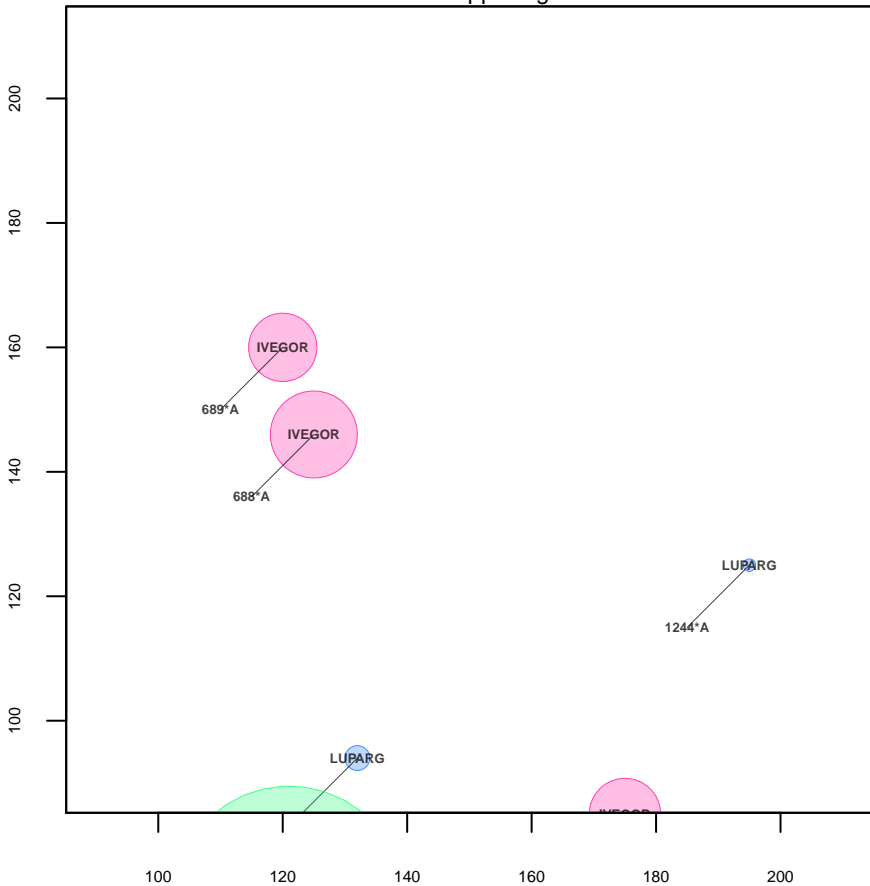
Plot 32 Lower right



Plot 32 Upper left

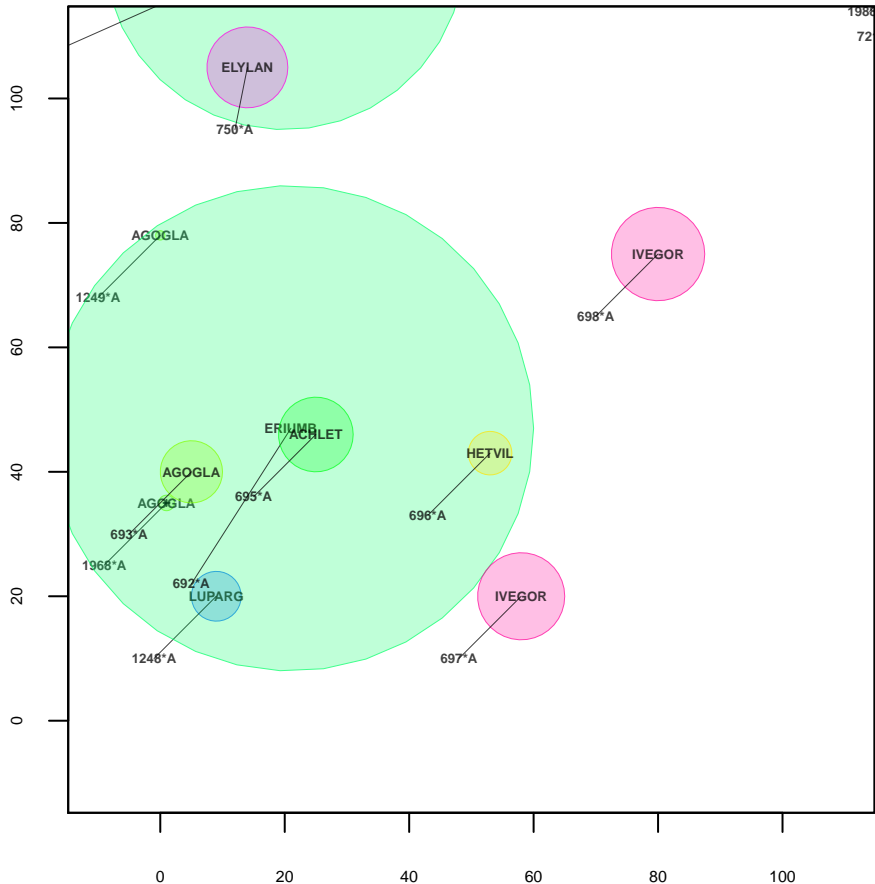


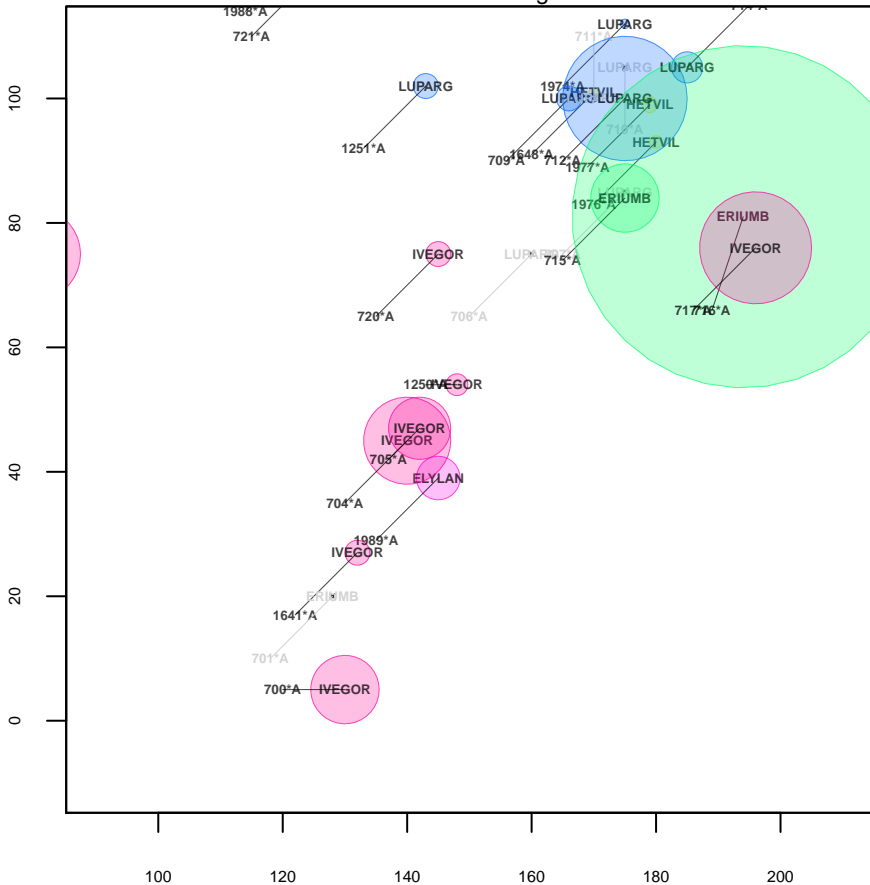
Plot 32 Upper right



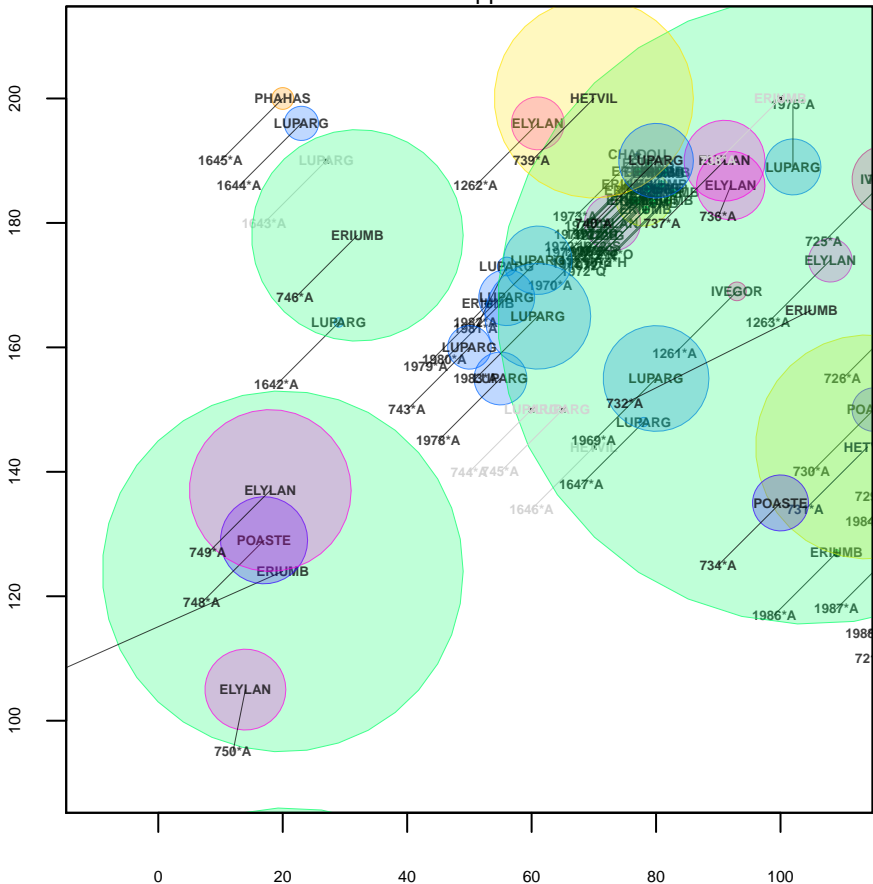


Plot 33 Lower left

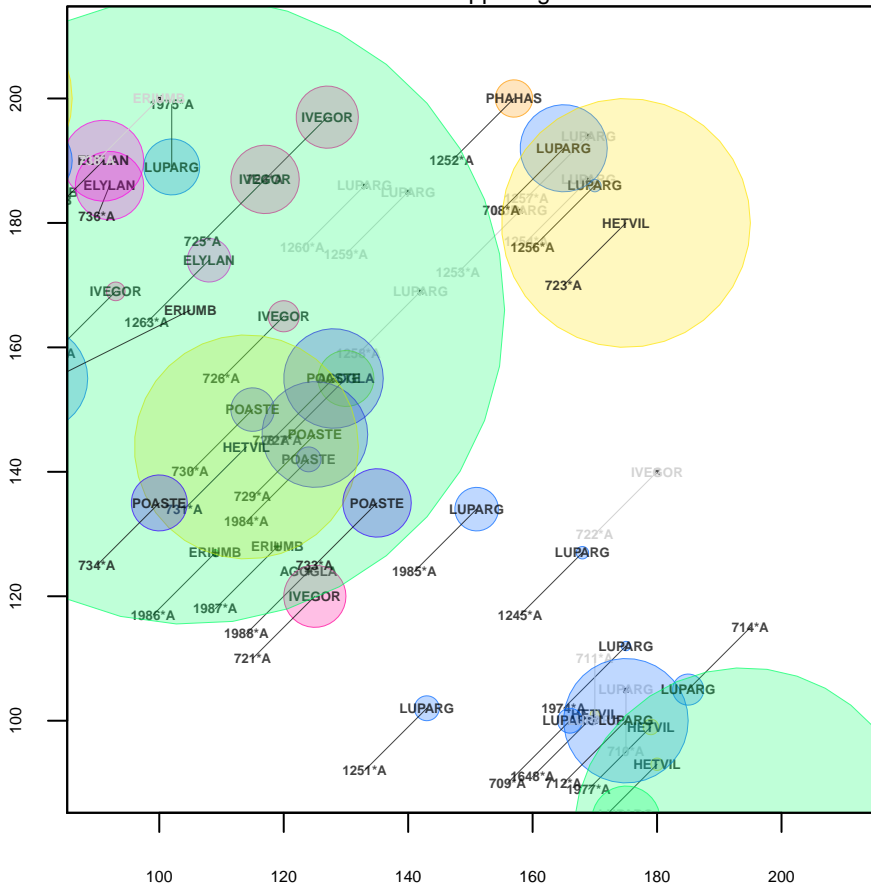




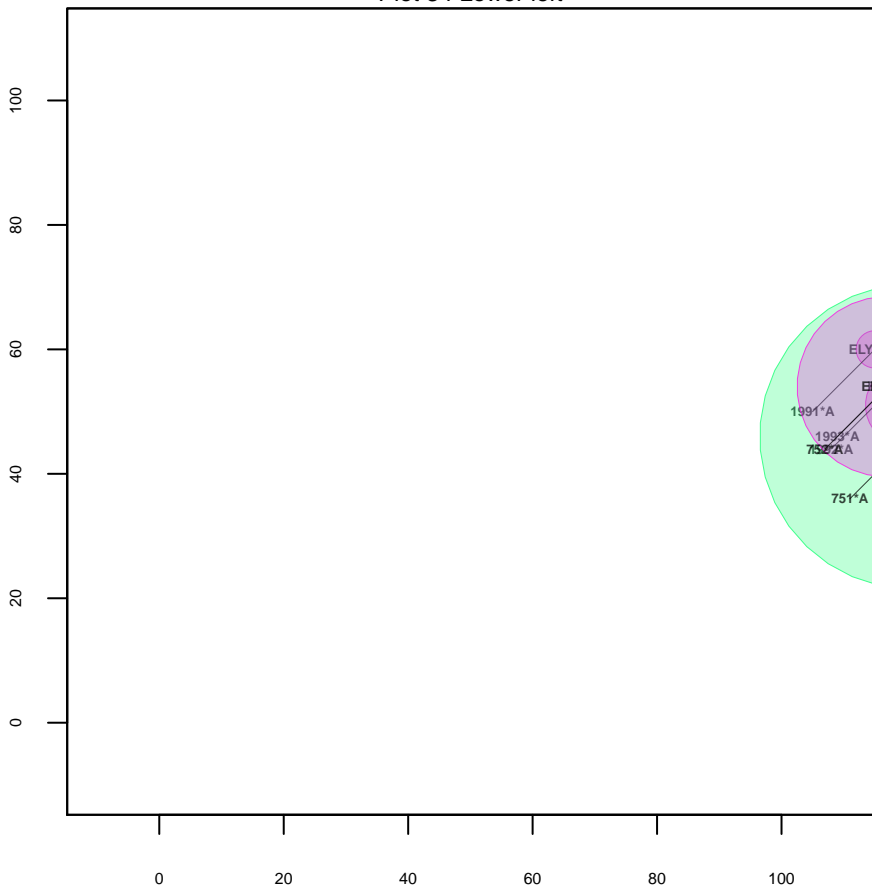
### Plot 33 Upper left



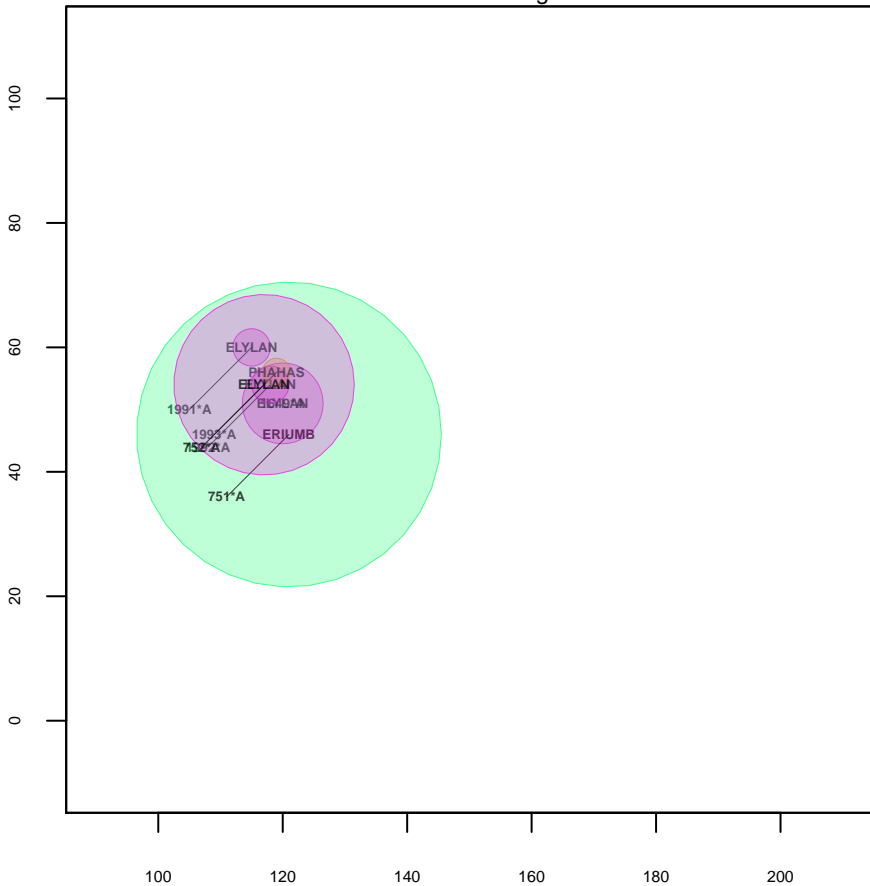
Plot 33 Upper right



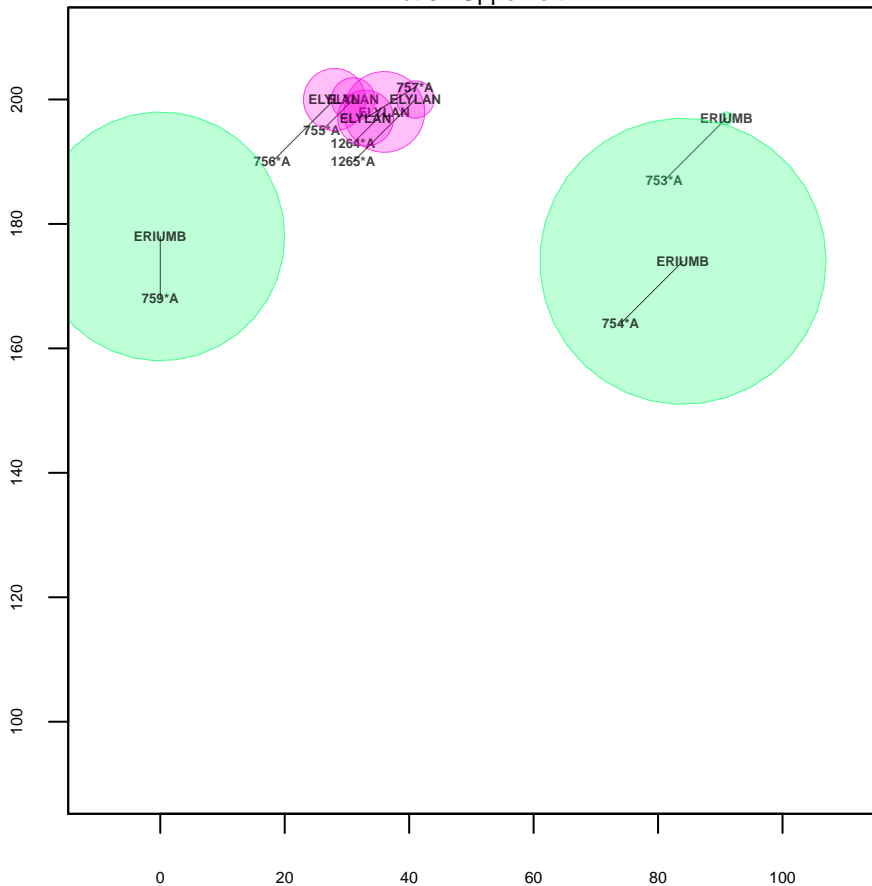
Plot 34 Lower left



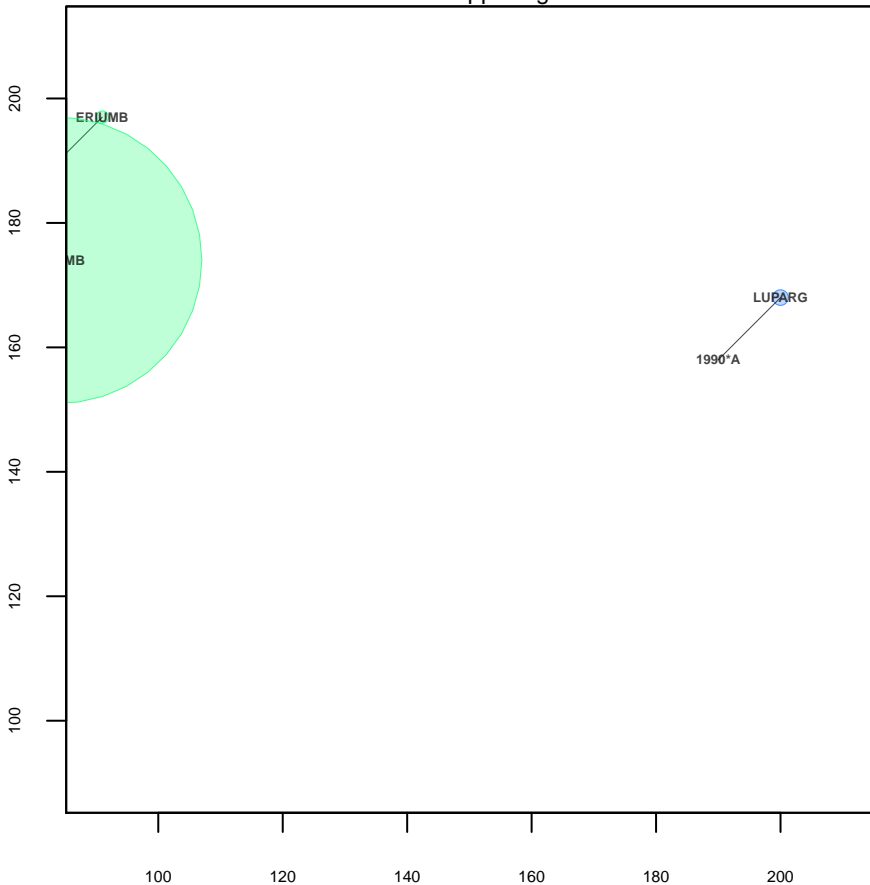
Plot 34 Lower right



Plot 34 Upper left

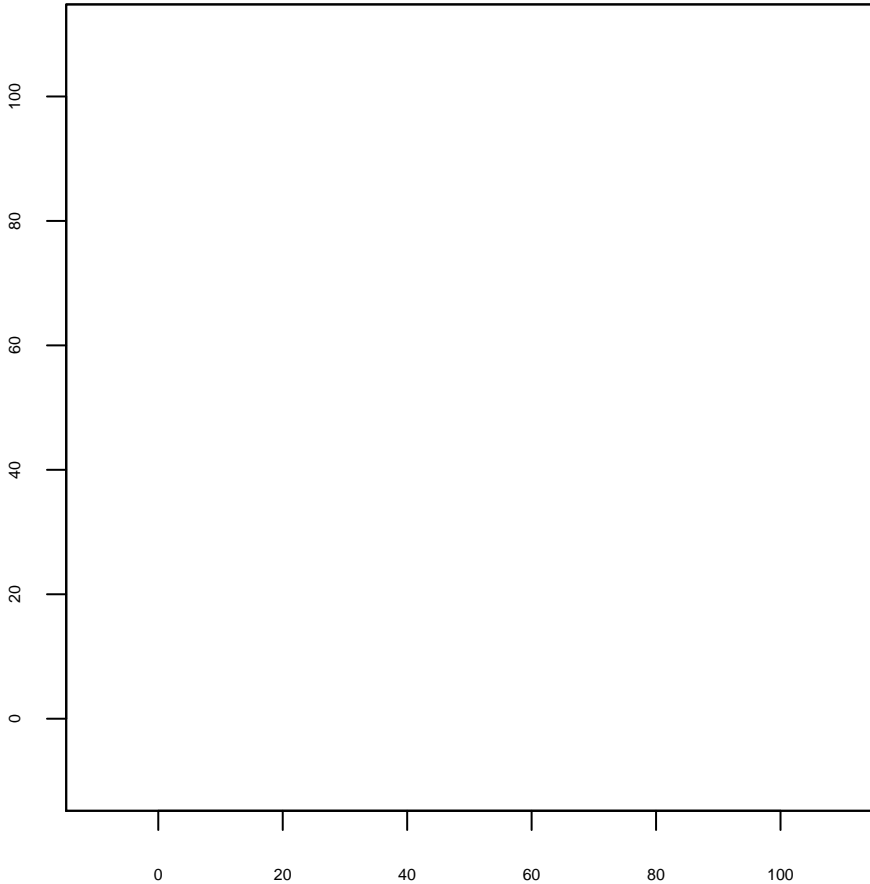


Plot 34 Upper right

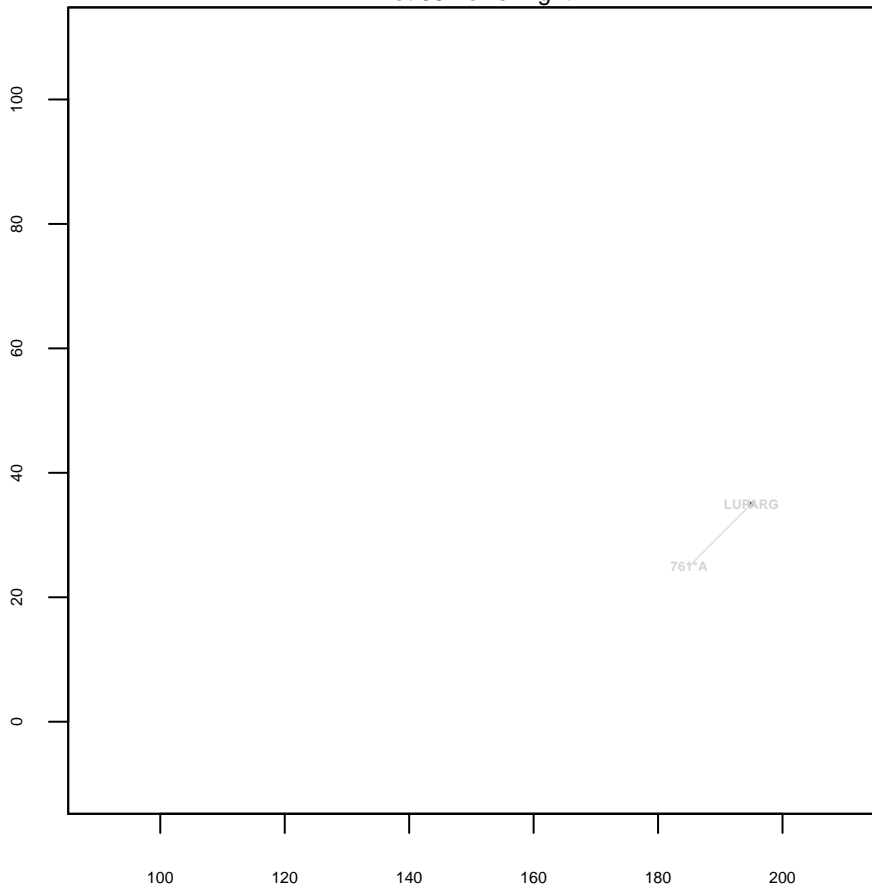




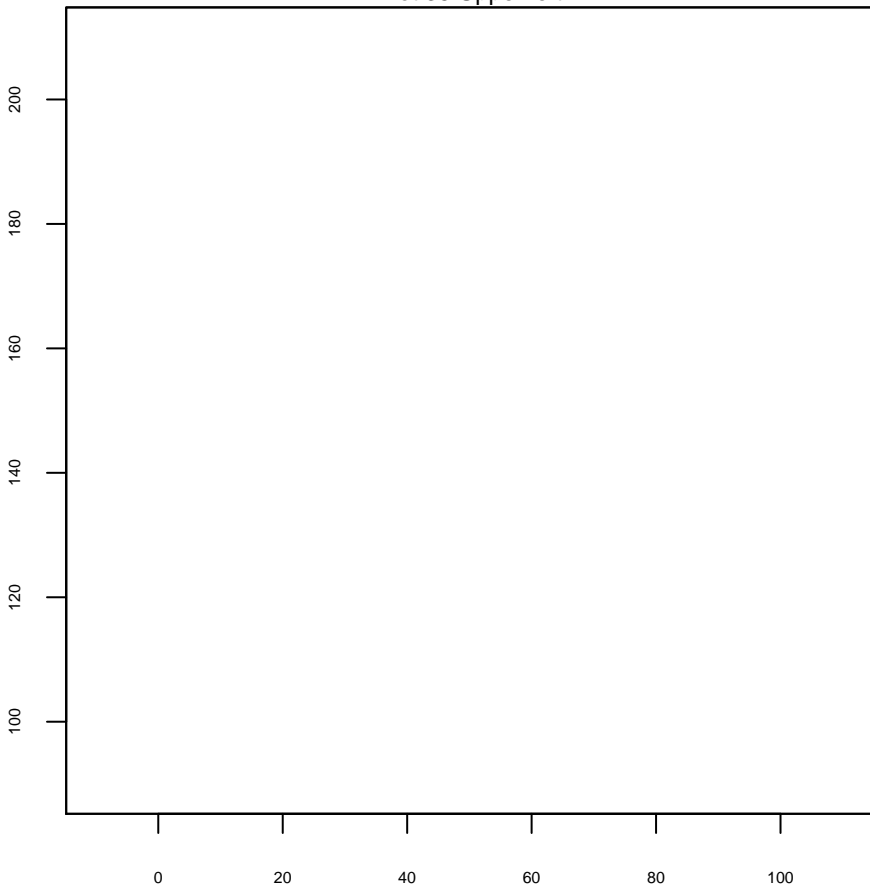
Plot 35 Lower left



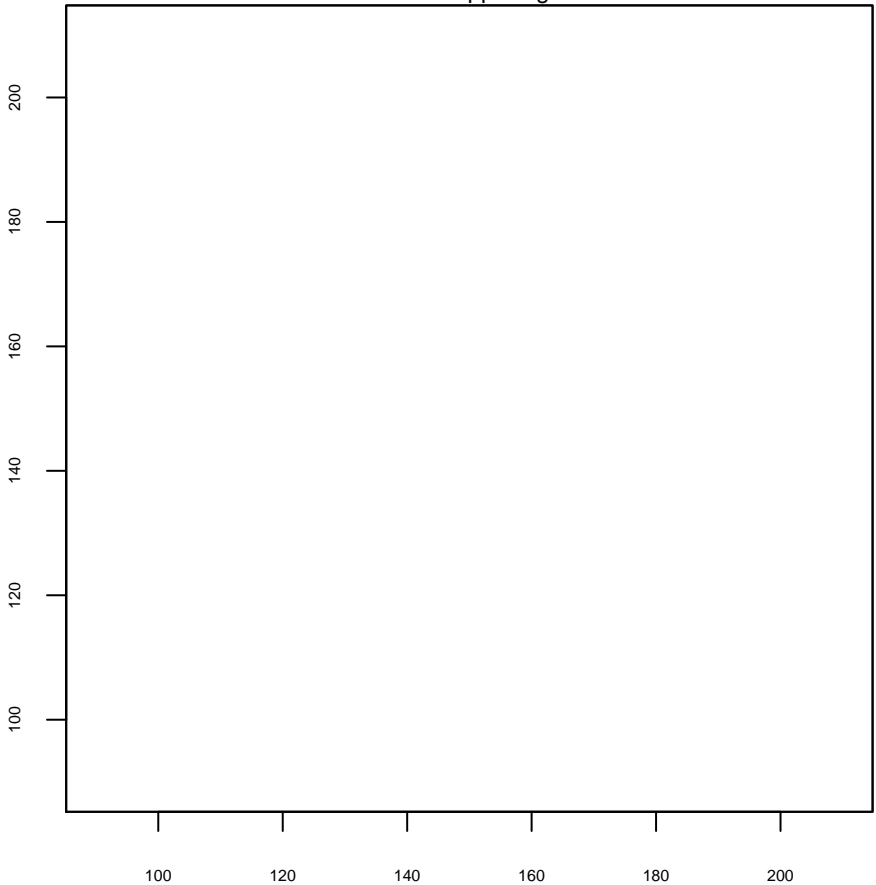
Plot 35 Lower right



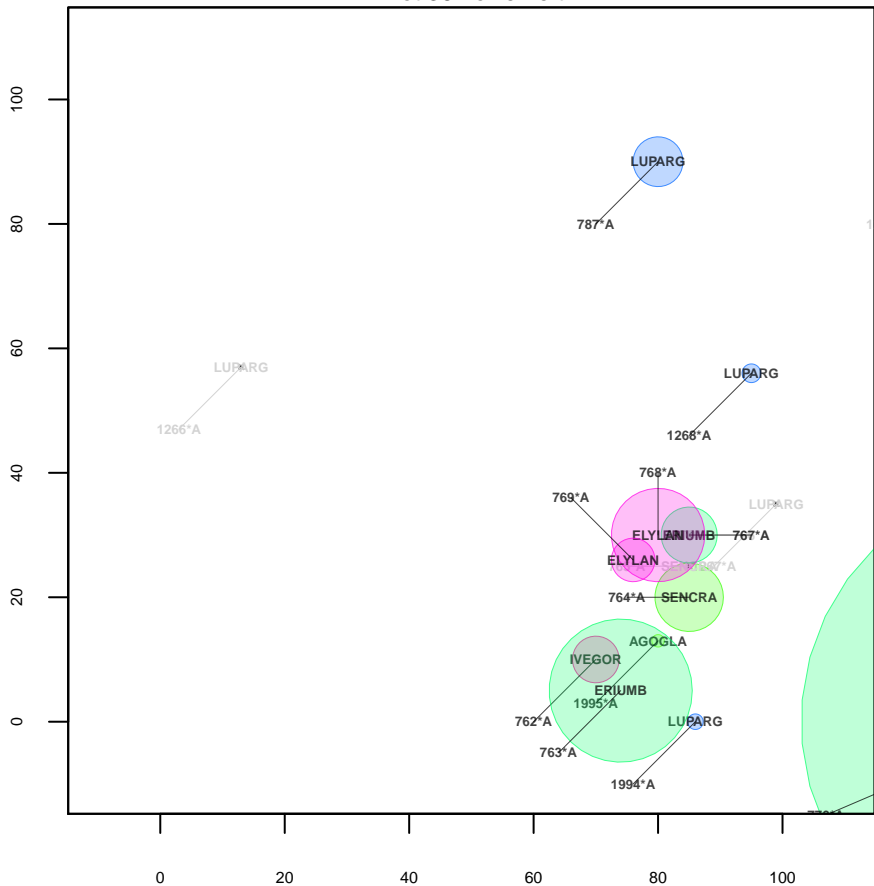
Plot 35 Upper left



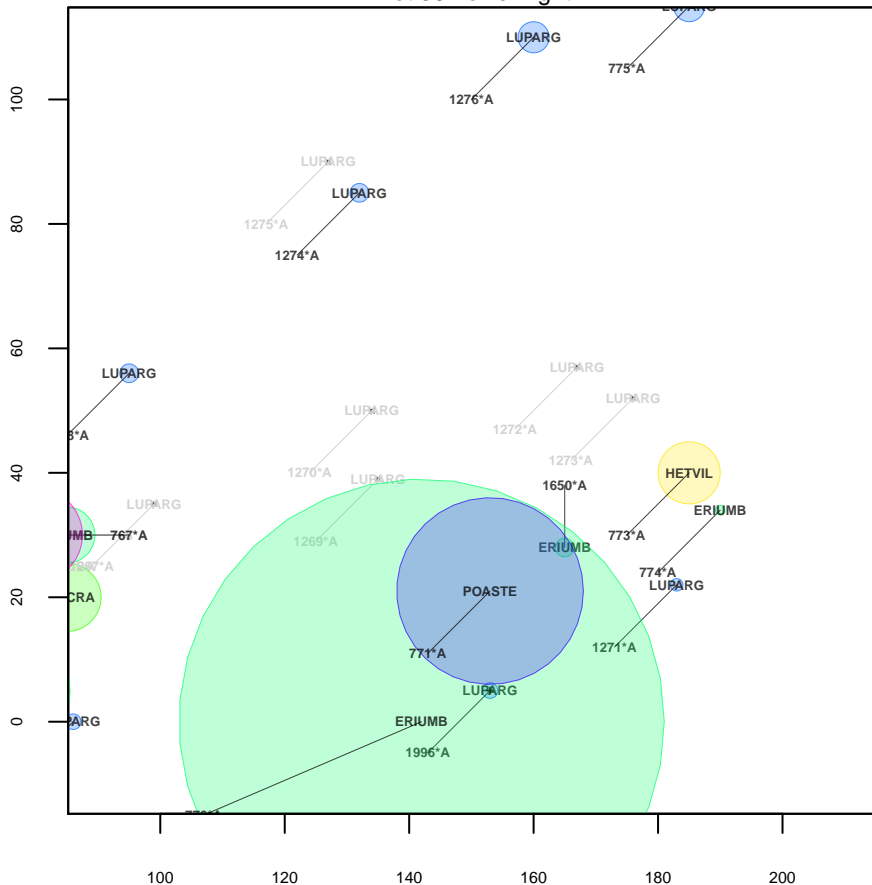
Plot 35 Upper right



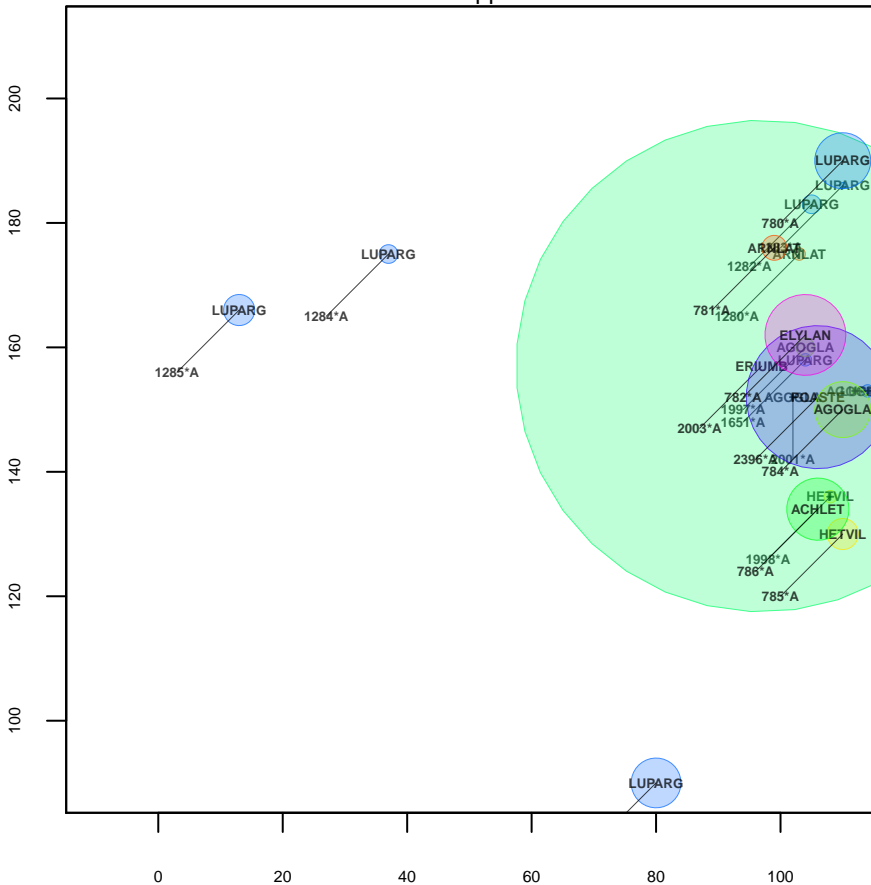
Plot 36 Lower left



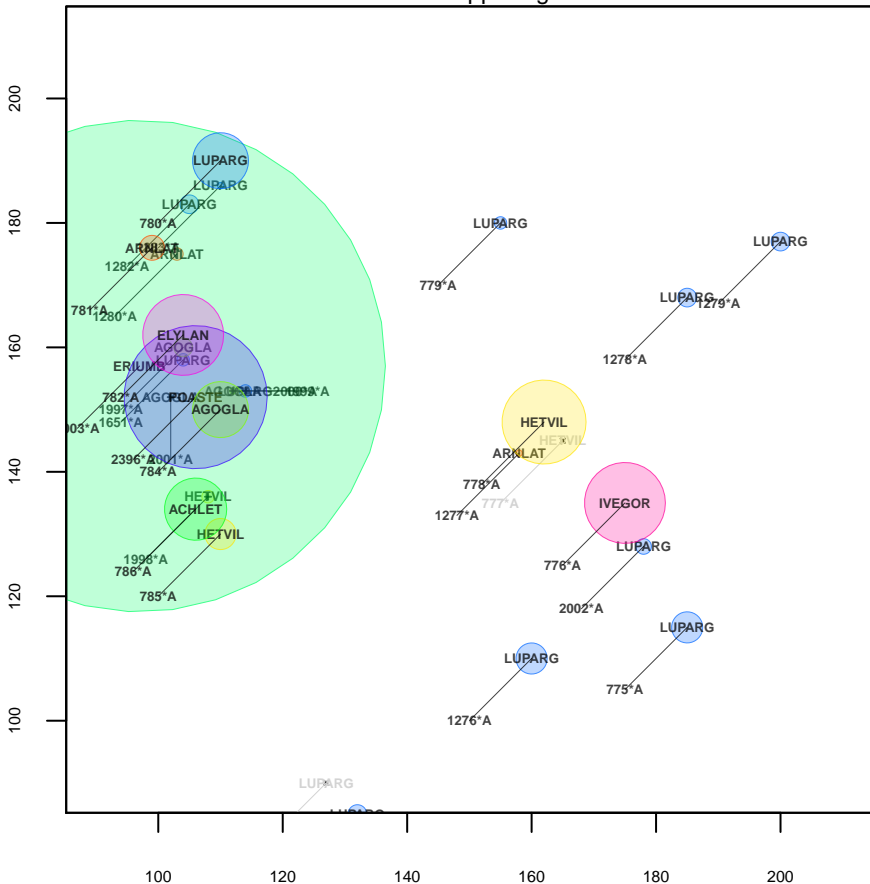
Plot 36 Lower right



### Plot 36 Upper left

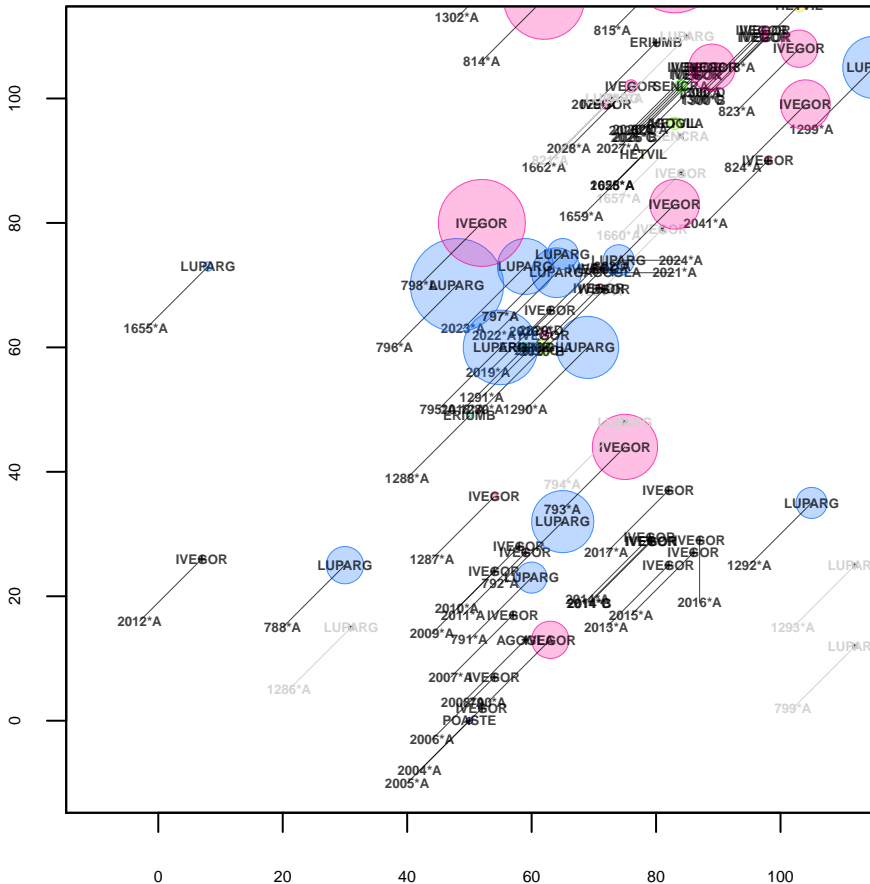


Plot 36 Upper right

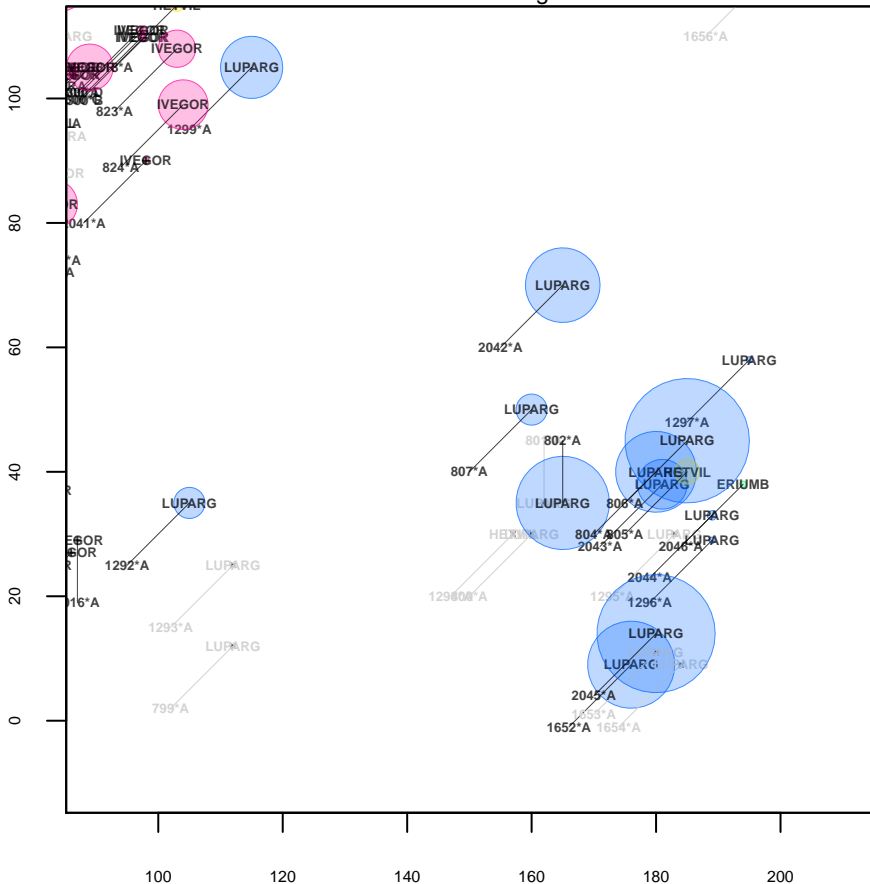




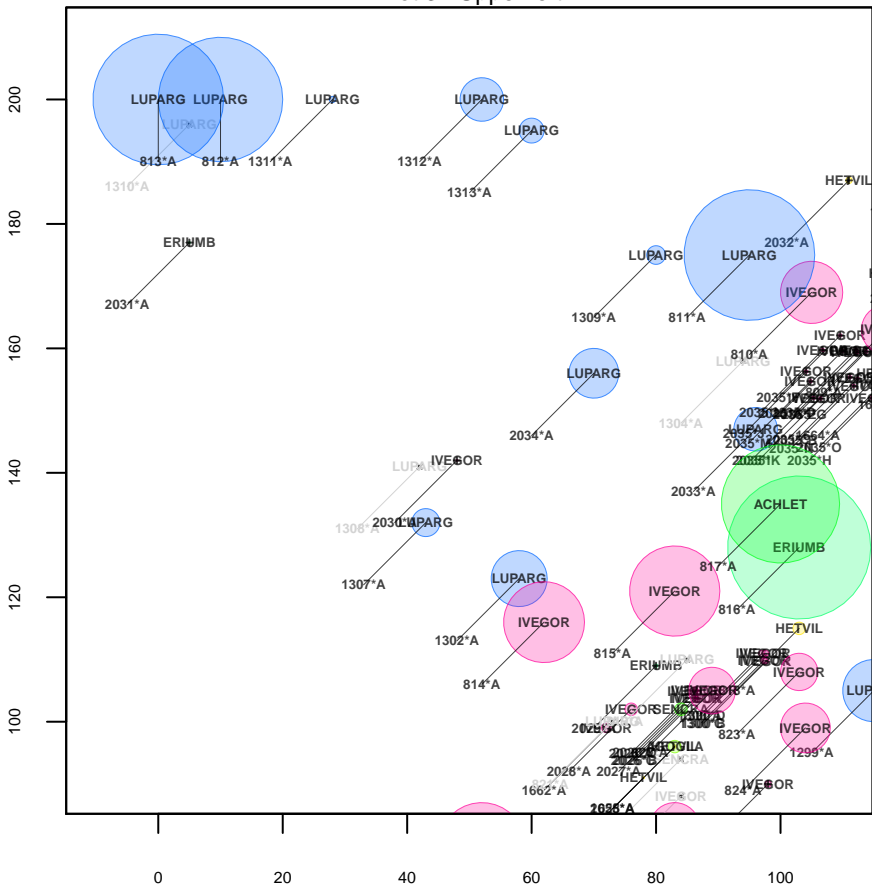
Plot 37 Lower left



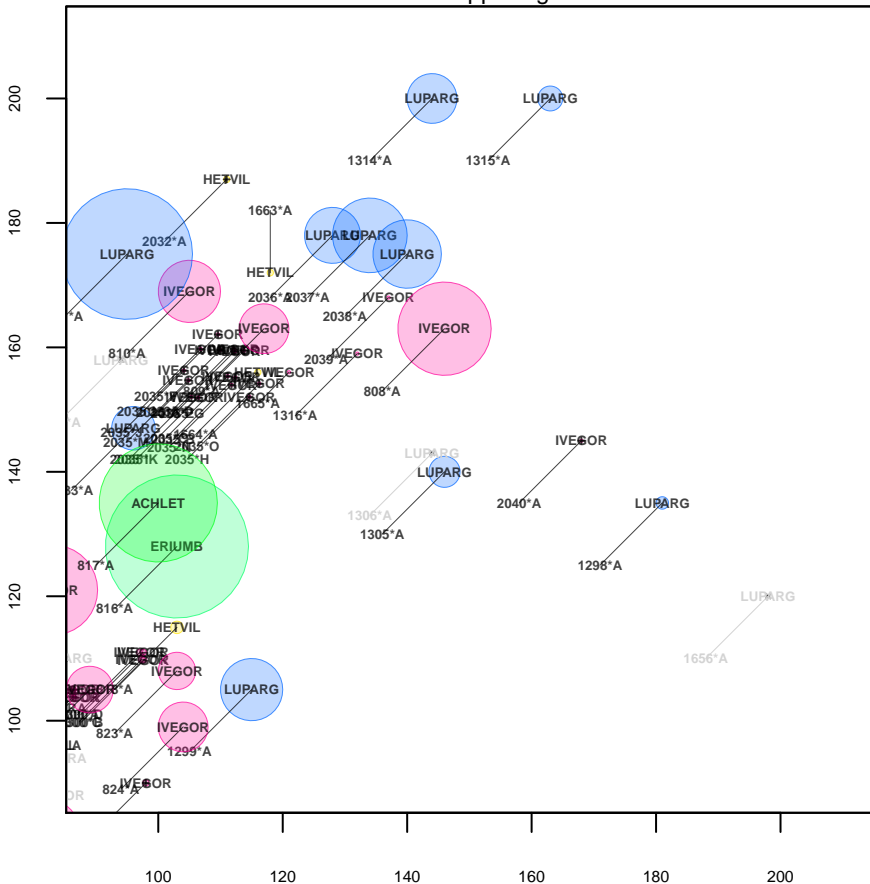
Plot 37 Lower right



Plot 37 Upper left



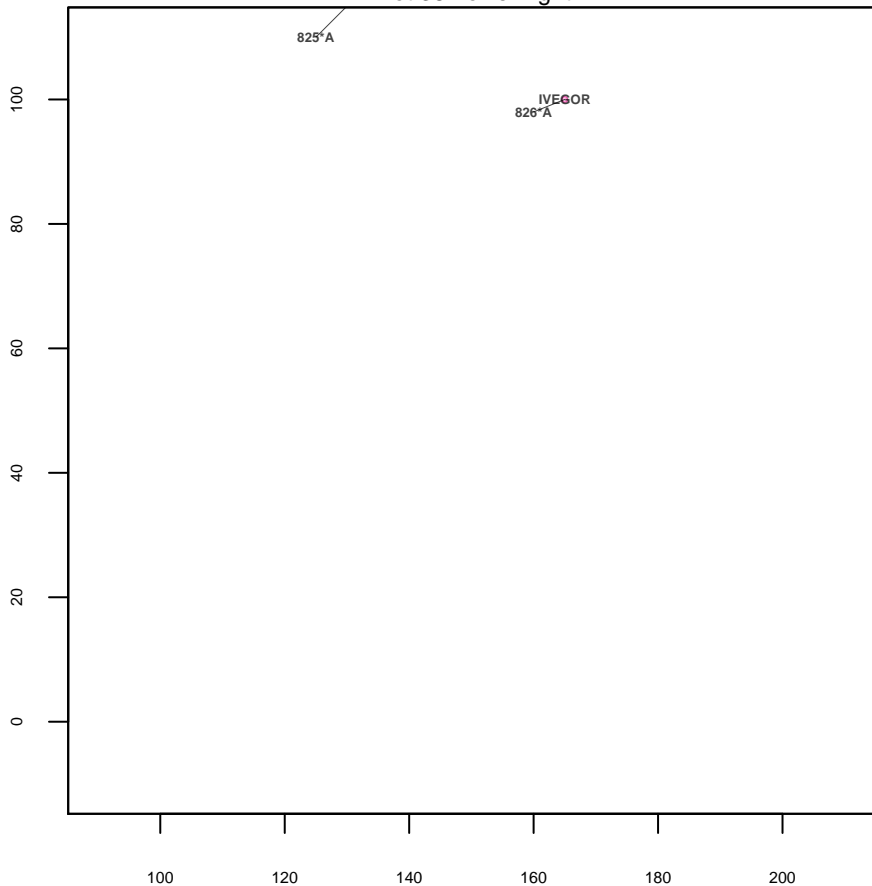
Plot 37 Upper right



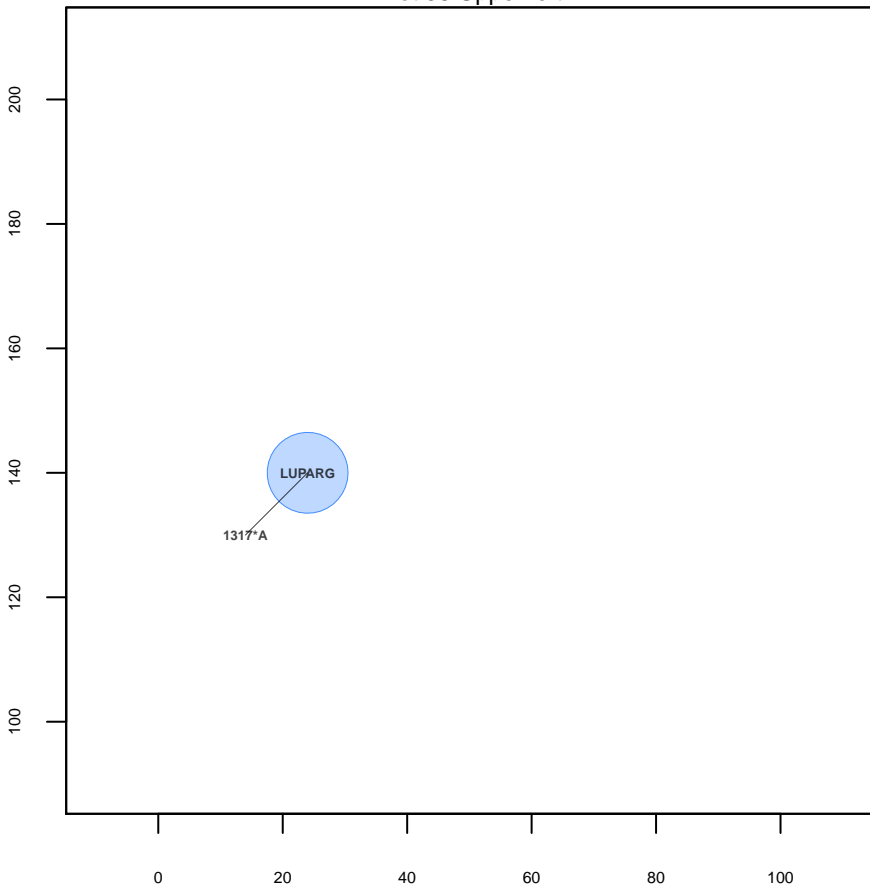
Plot 38 Lower left



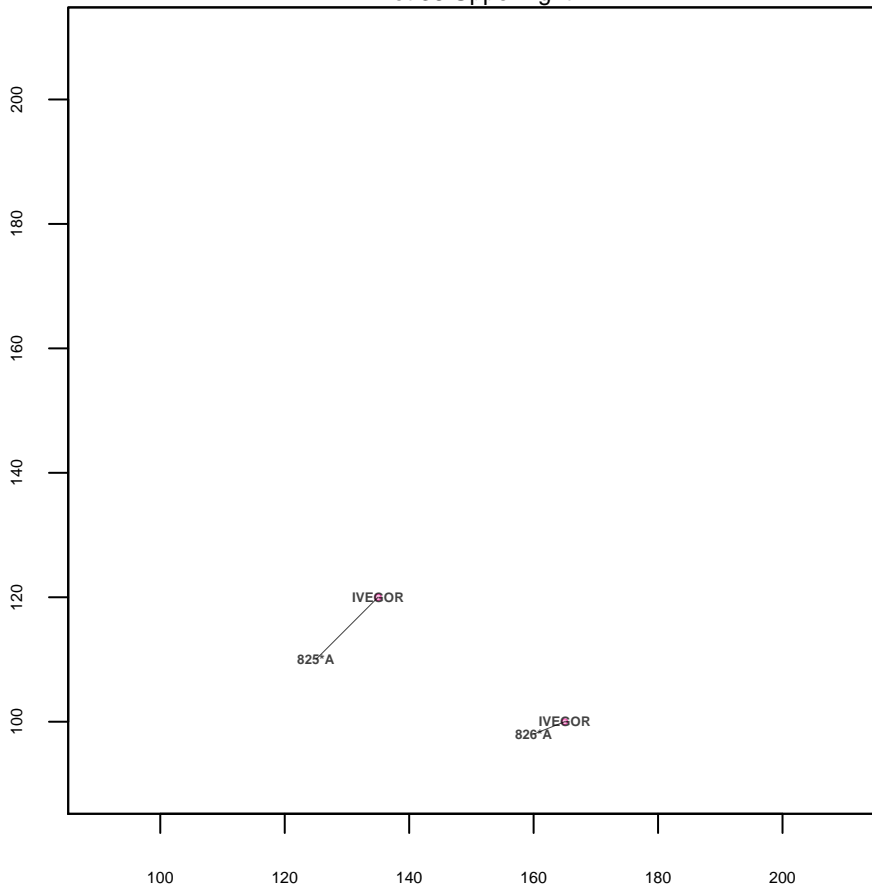
Plot 38 Lower right



Plot 38 Upper left

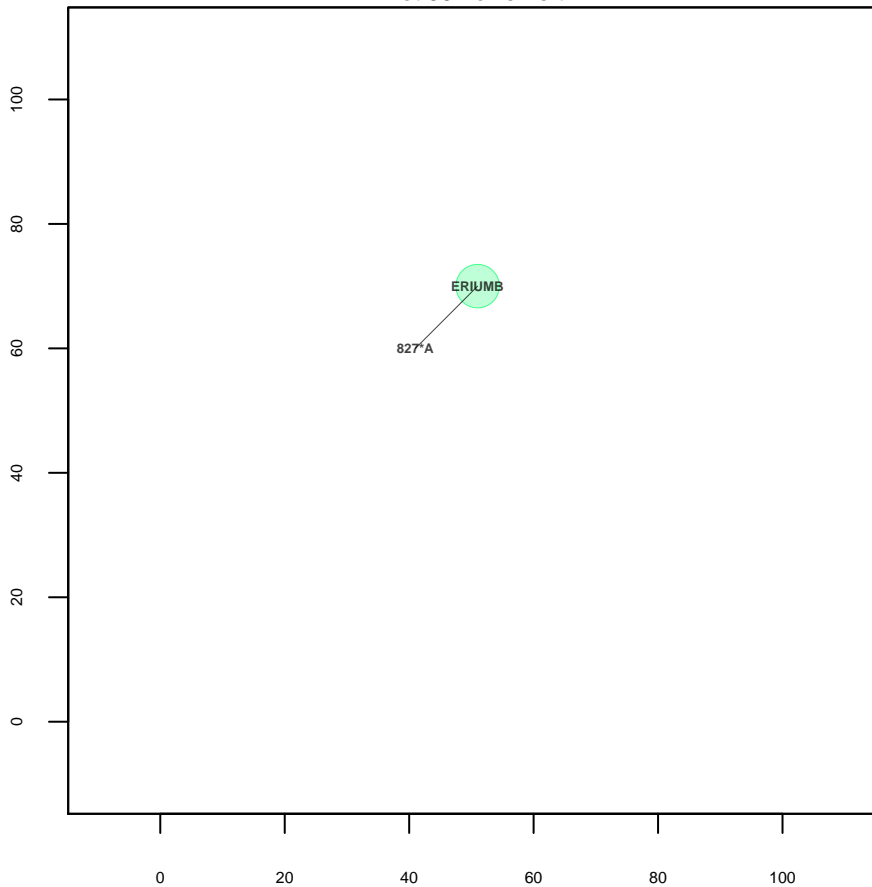


Plot 38 Upper right

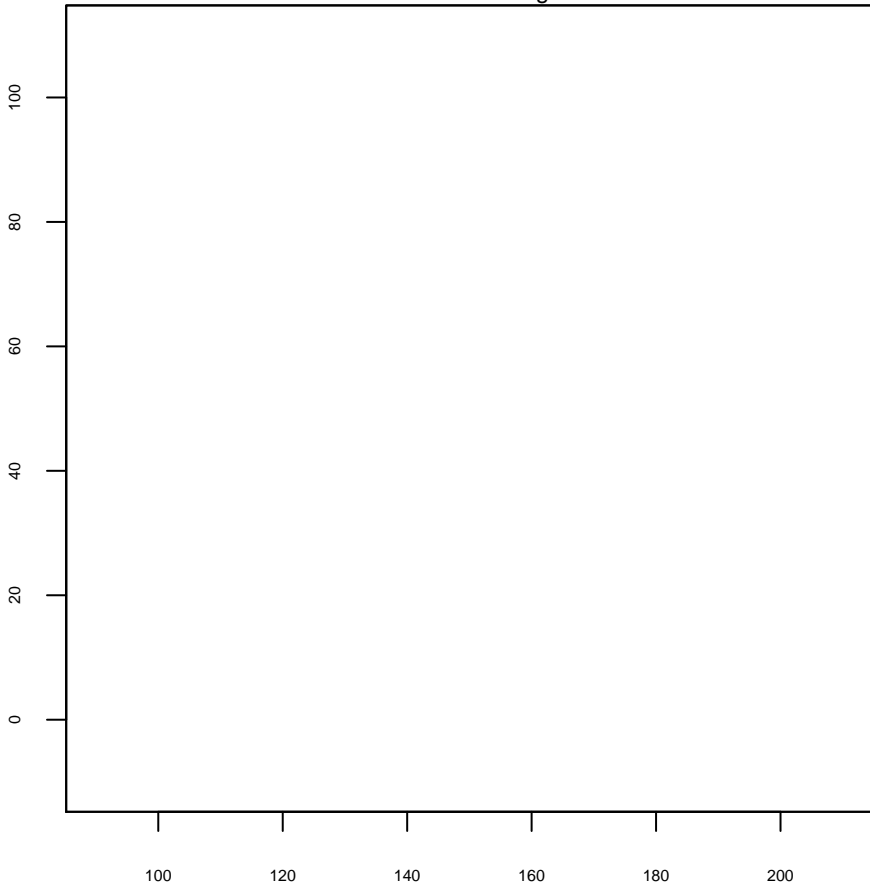




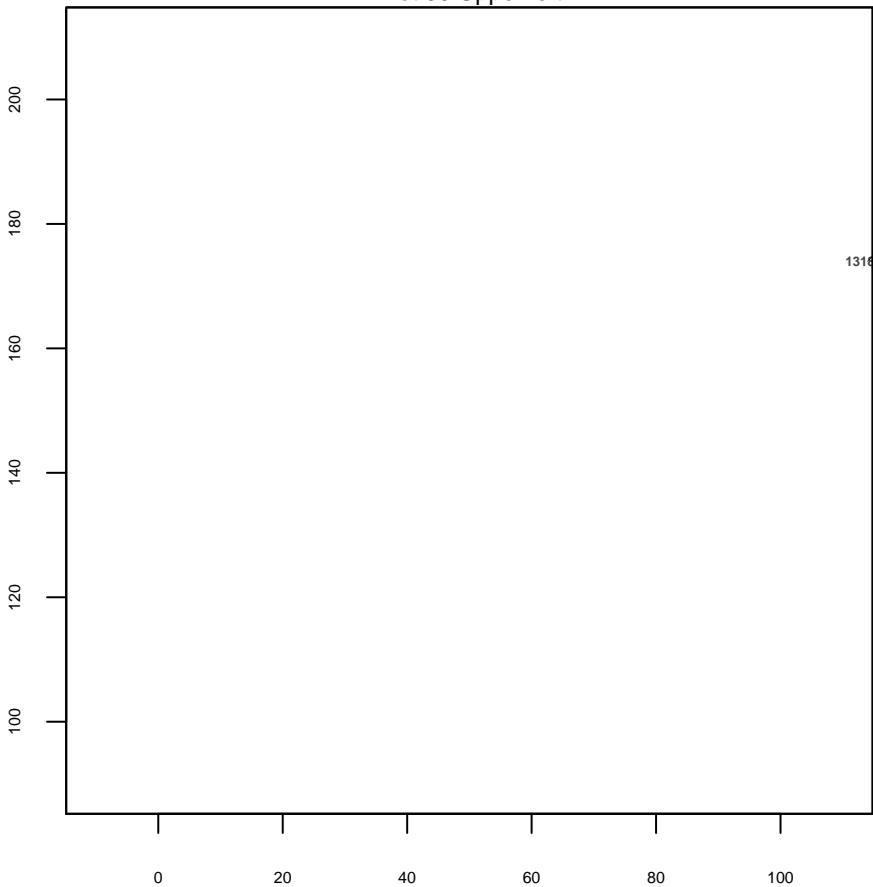
Plot 39 Lower left



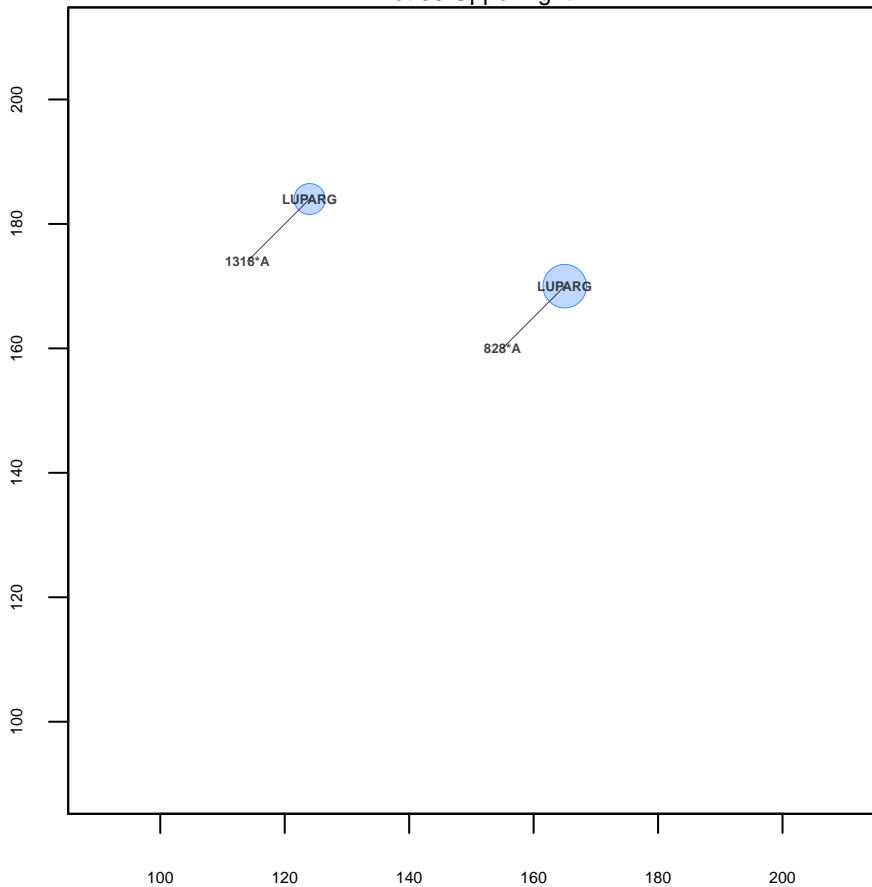
Plot 39 Lower right



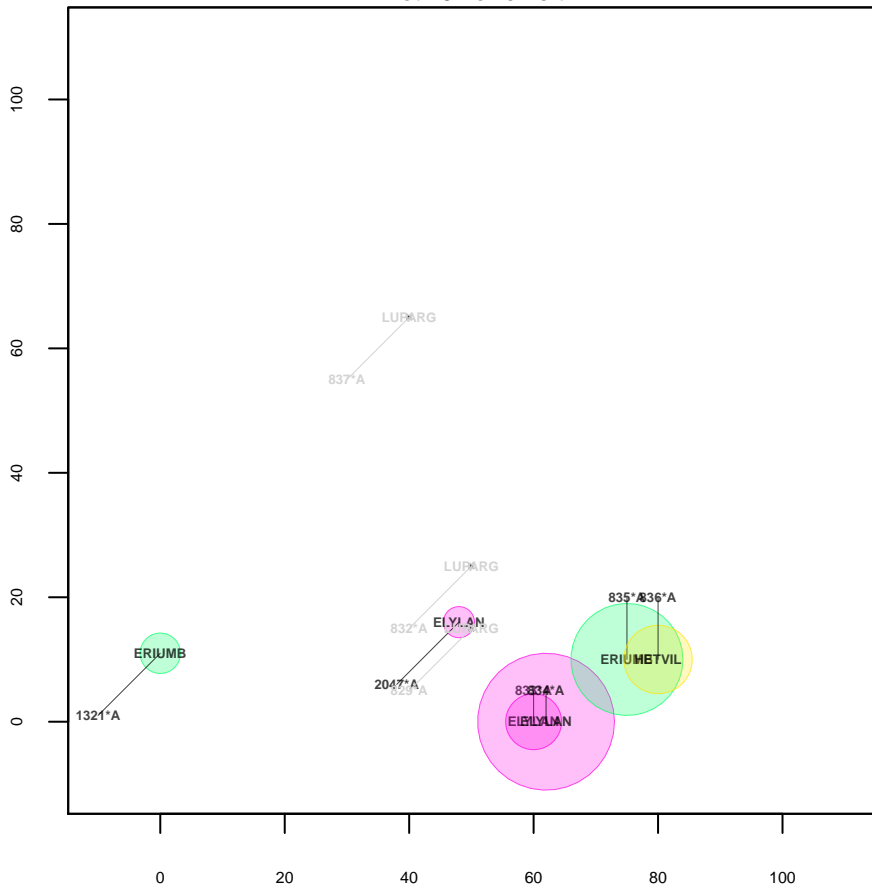
Plot 39 Upper left



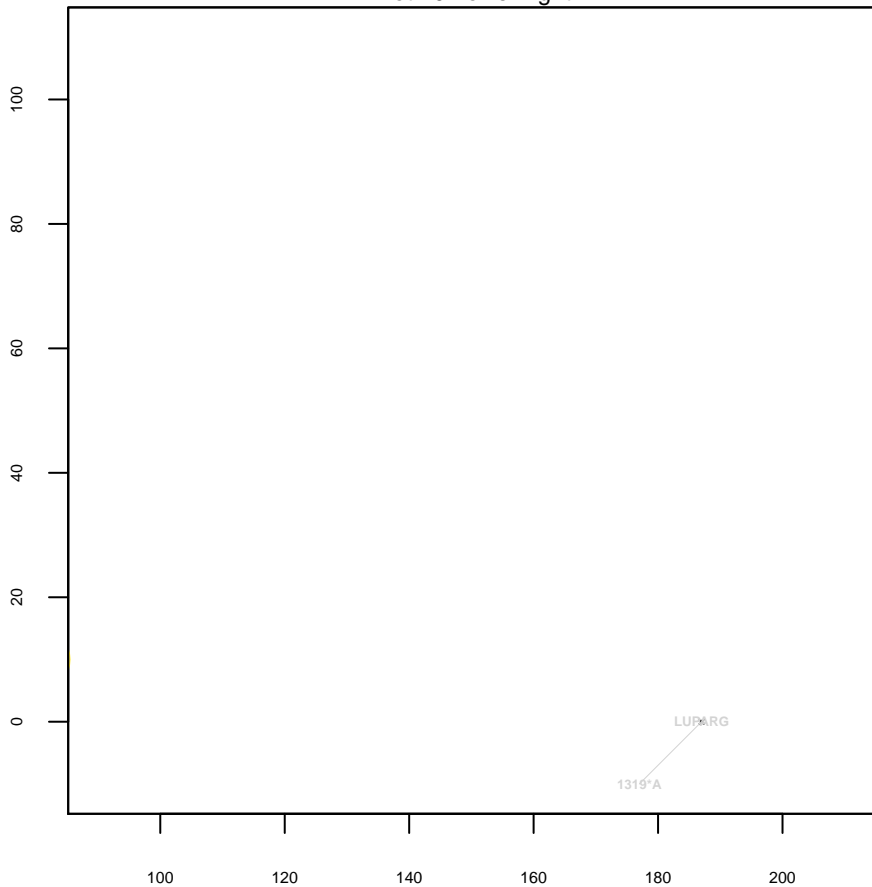
Plot 39 Upper right



Plot 40 Lower left



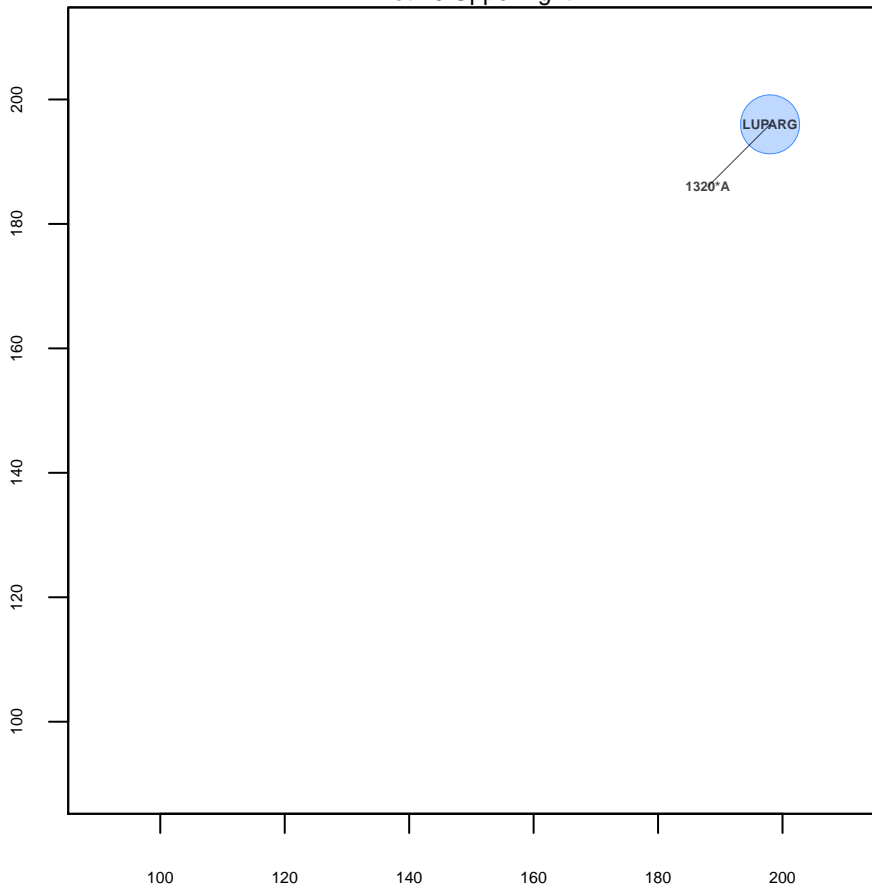
Plot 40 Lower right



Plot 40 Upper left

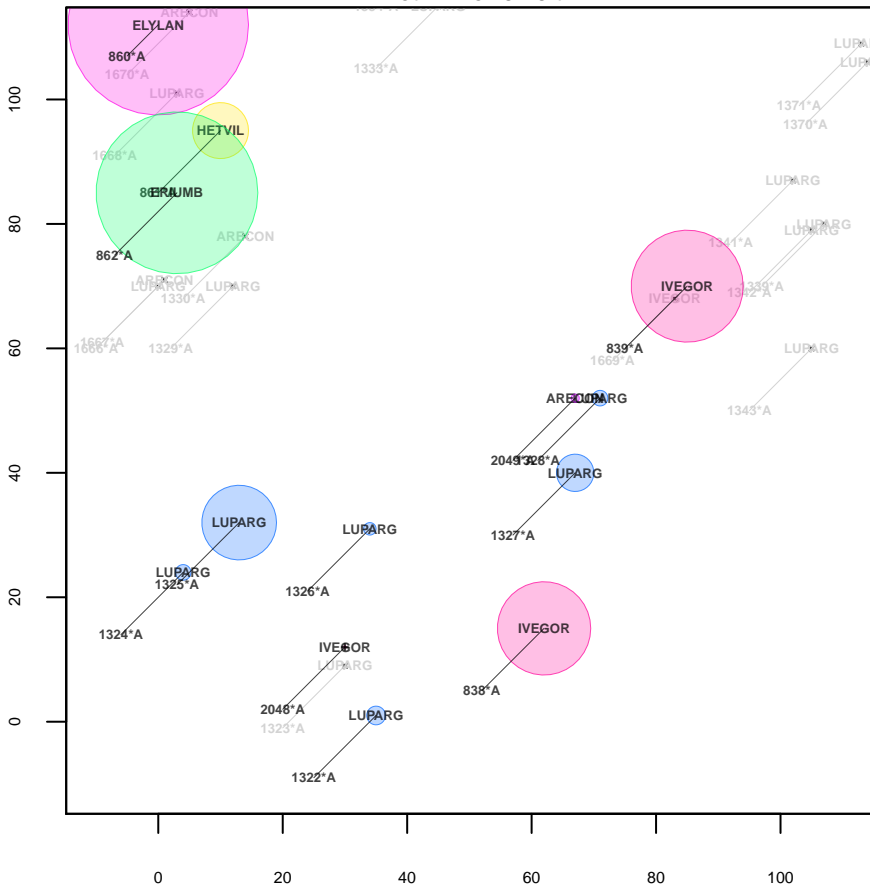


Plot 40 Upper right

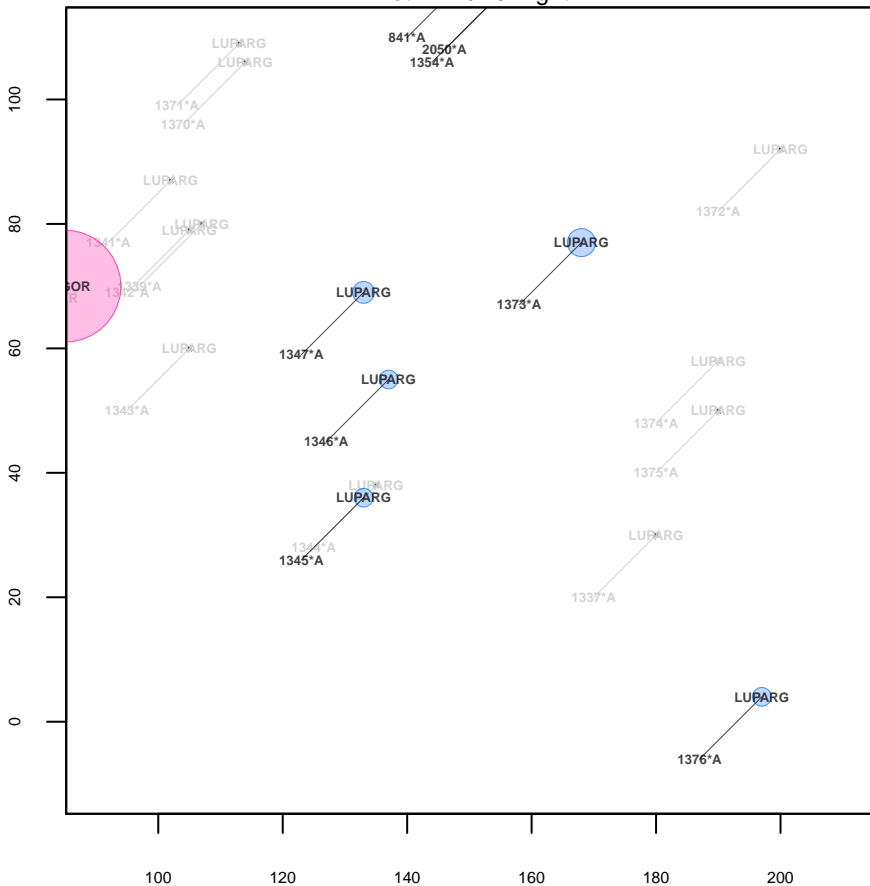




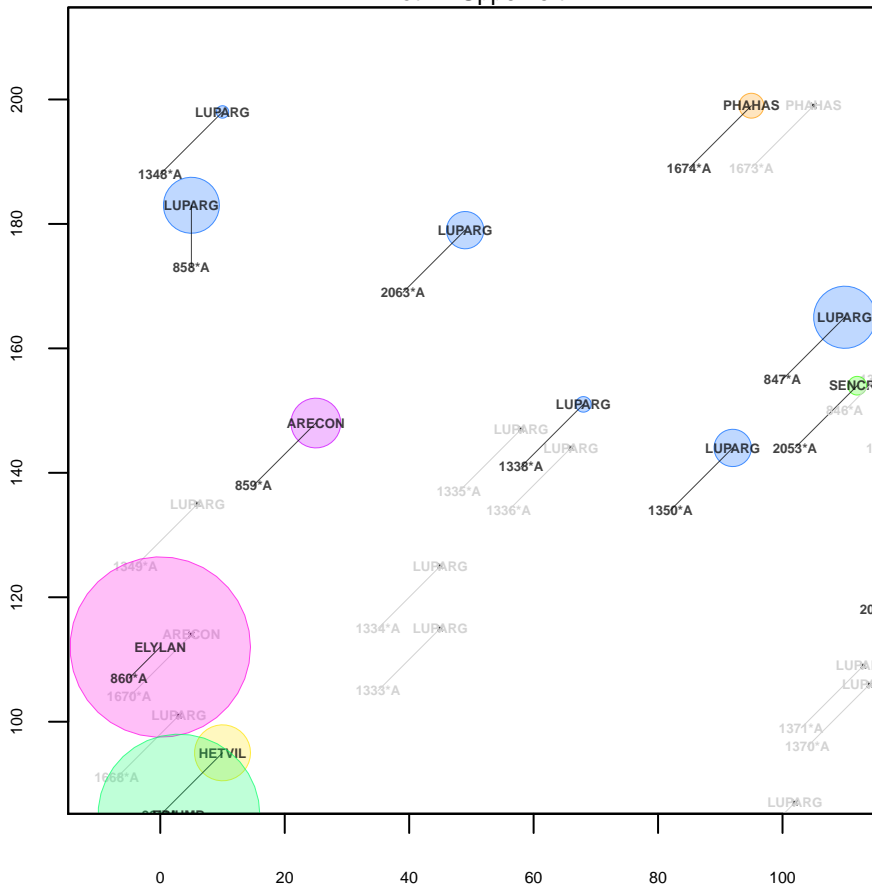
Plot 41 Lower left

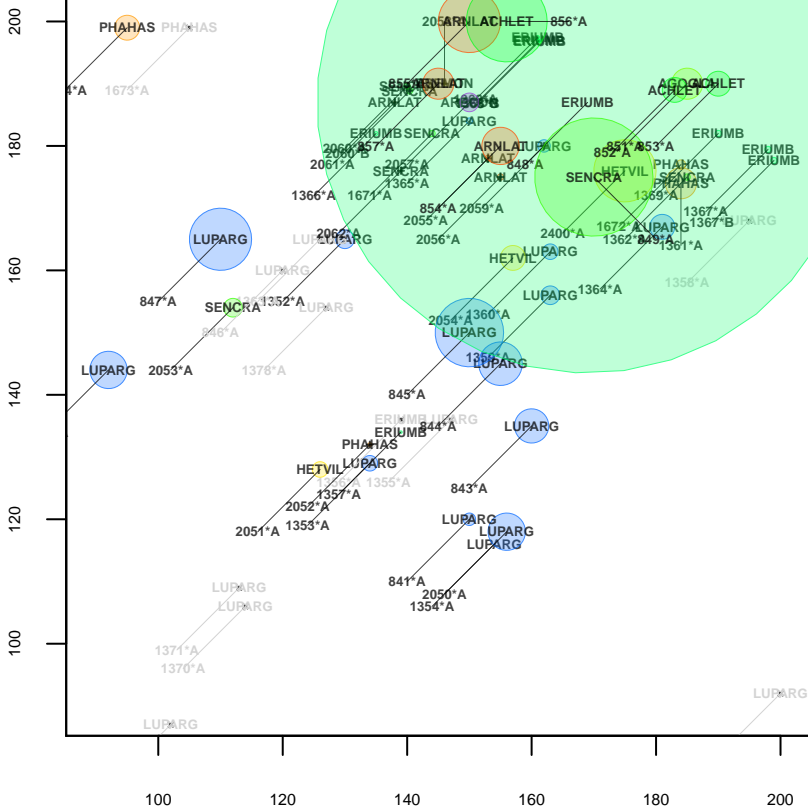


Plot 41 Lower right

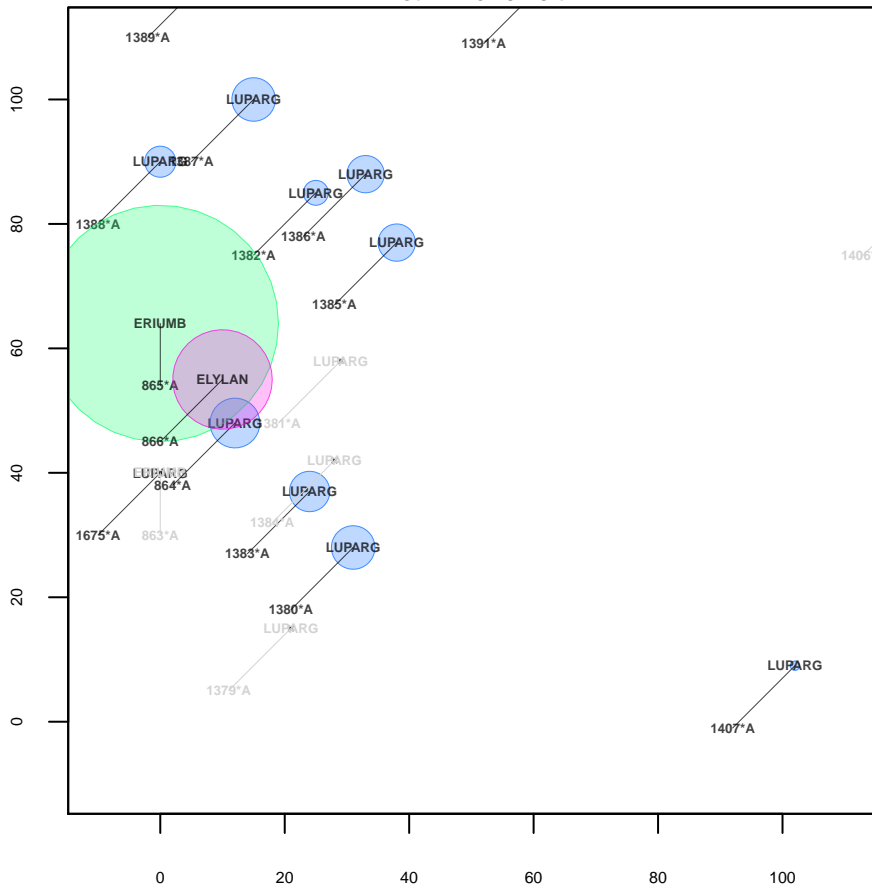


Plot 41 Upper left

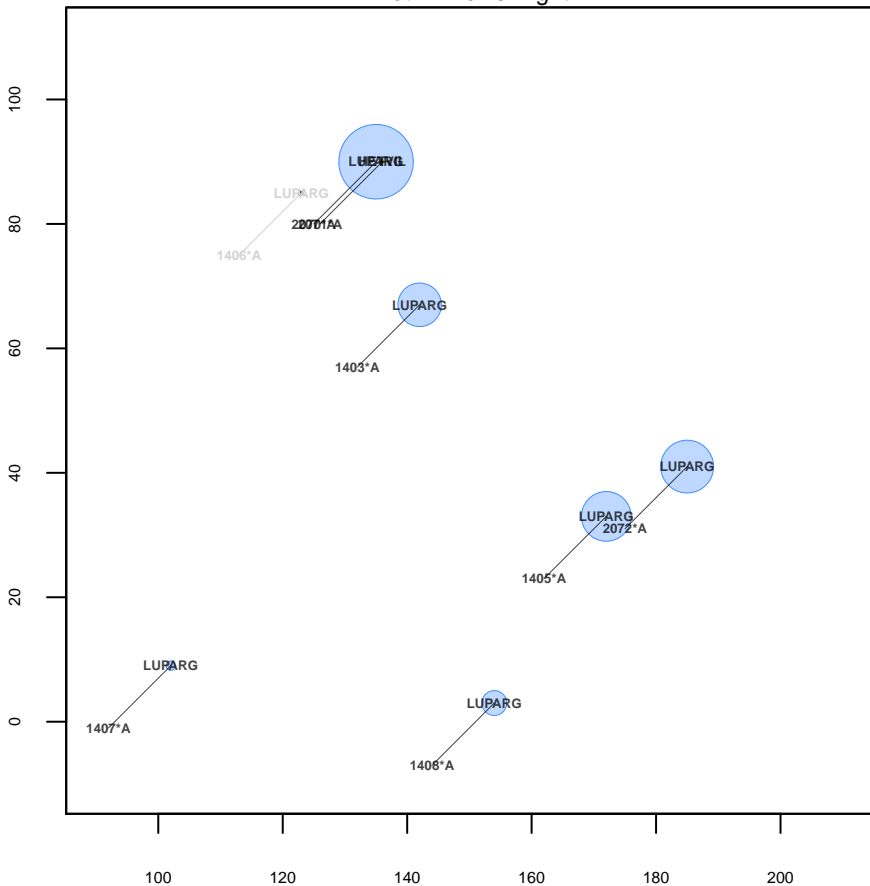




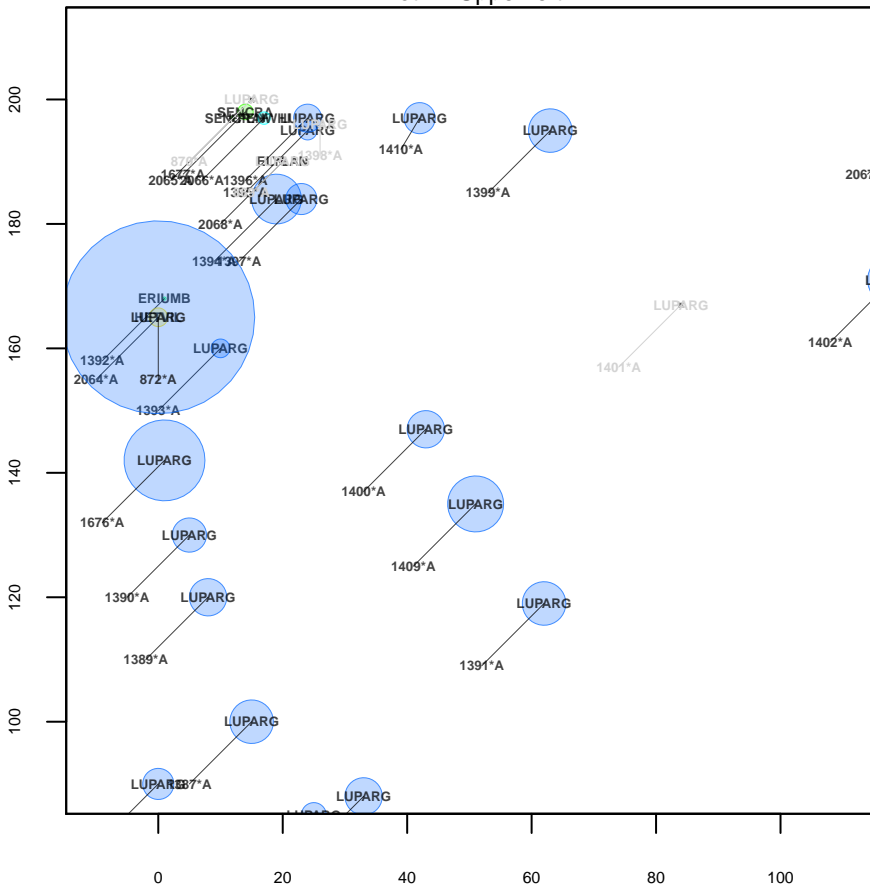
Plot 42 Lower left



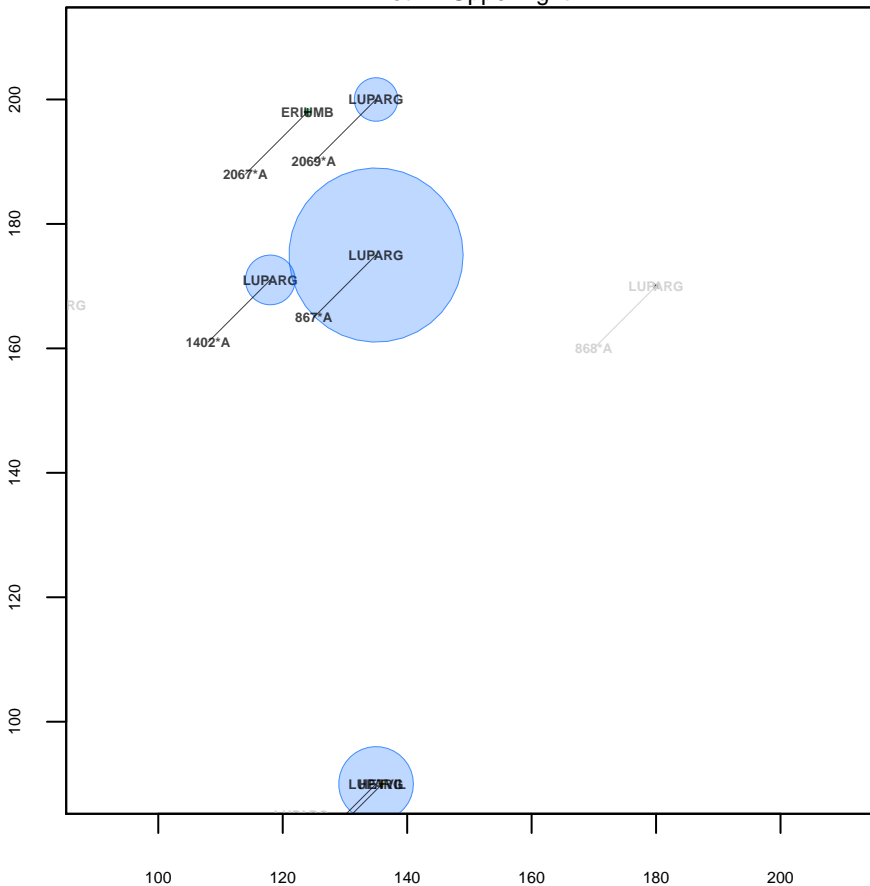
Plot 42 Lower right



Plot 42 Upper left

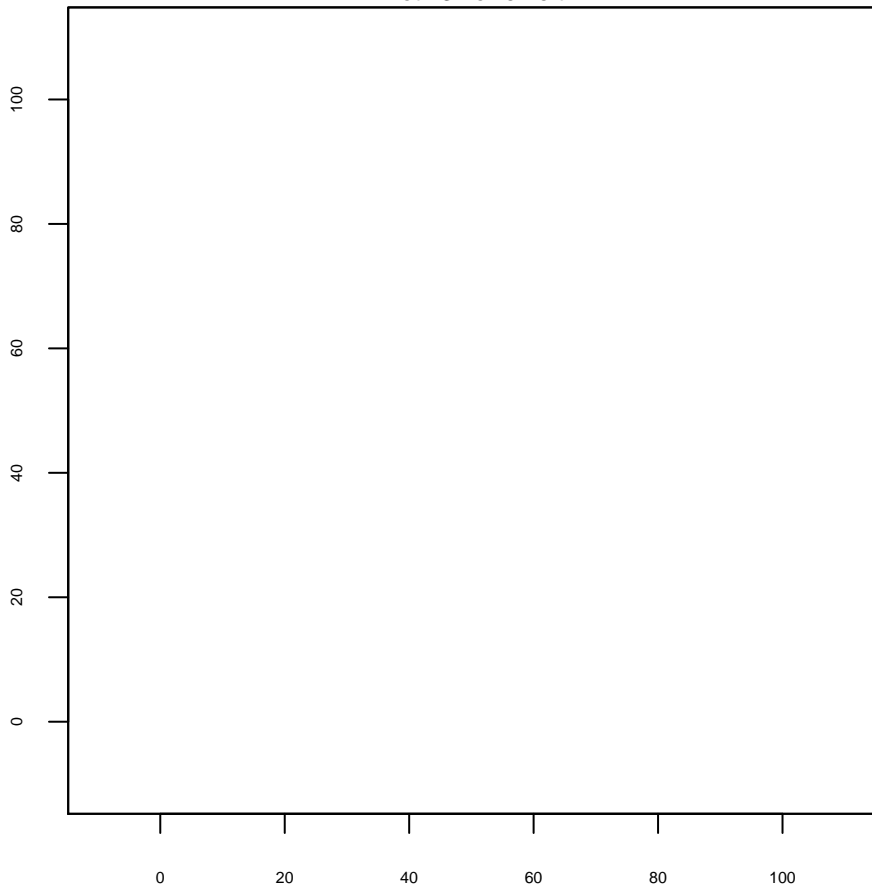


Plot 42 Upper right

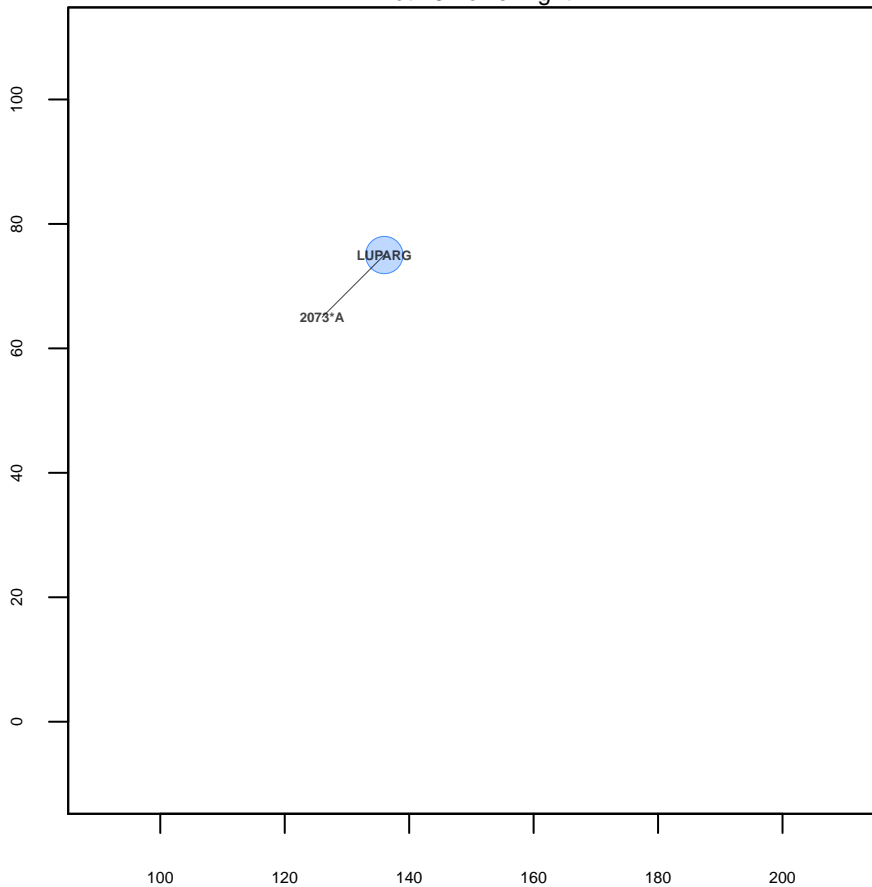




Plot 43 Lower left



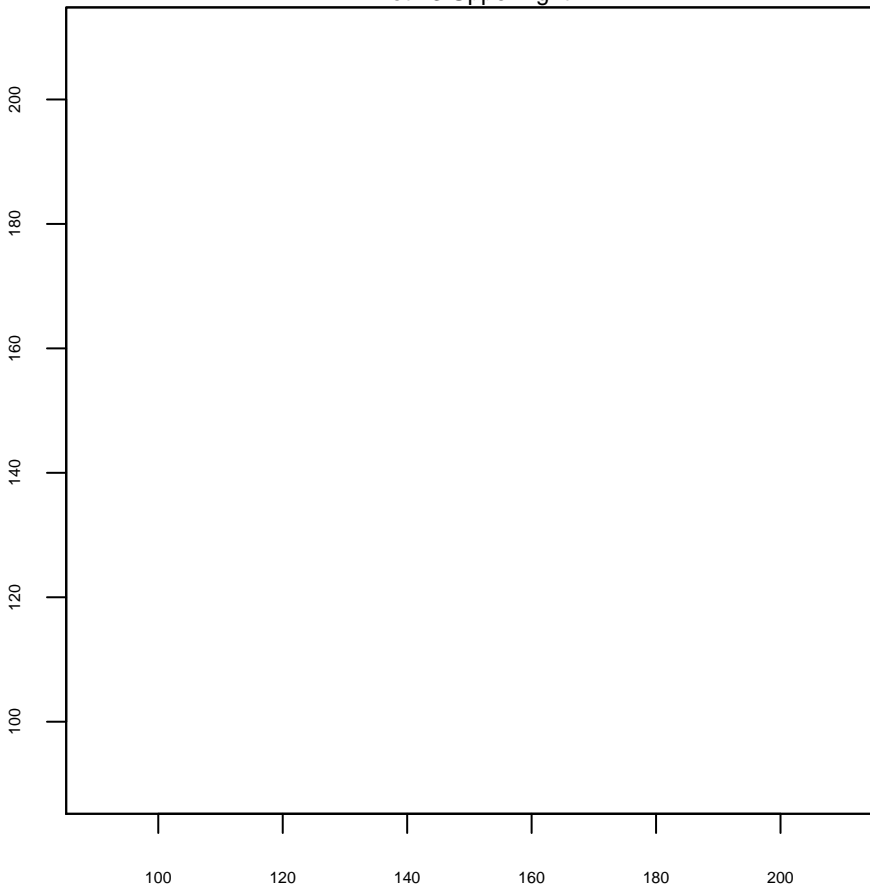
Plot 43 Lower right



Plot 43 Upper left



Plot 43 Upper right



Plot 44 Lower left



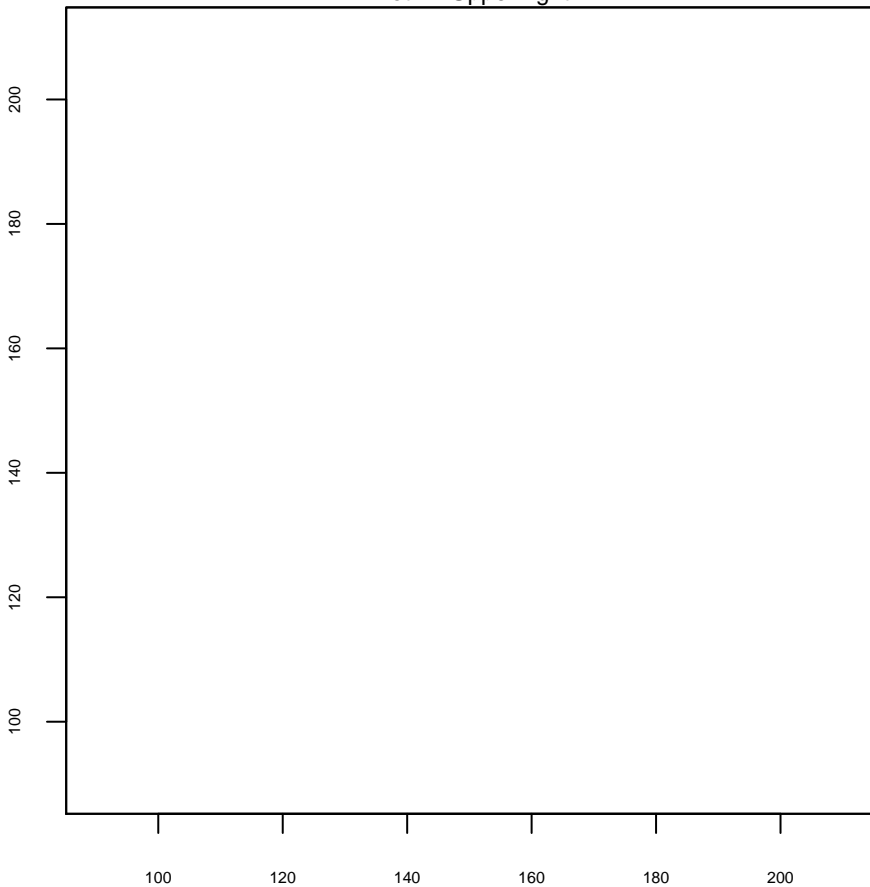
Plot 44 Lower right



Plot 44 Upper left

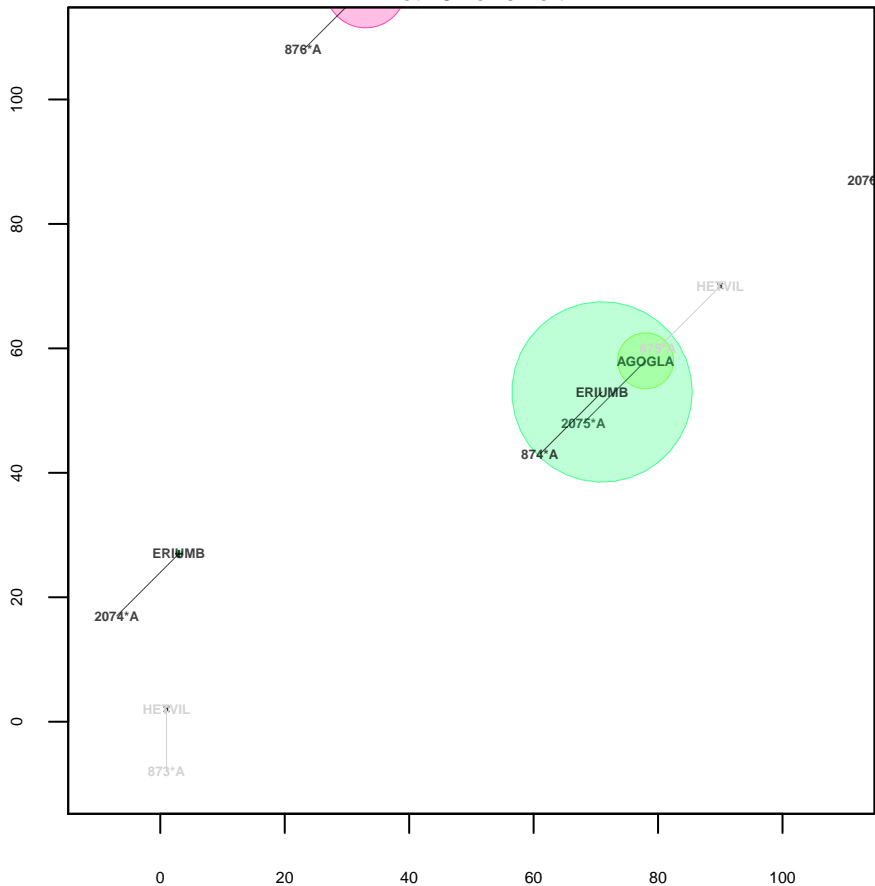


Plot 44 Upper right

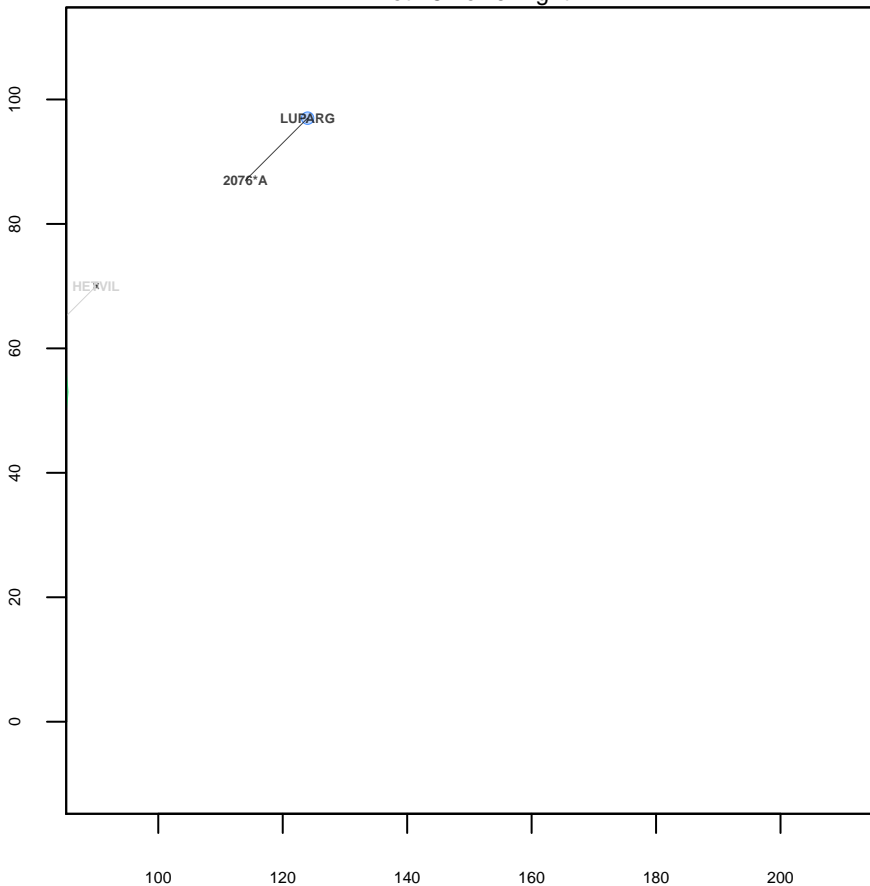




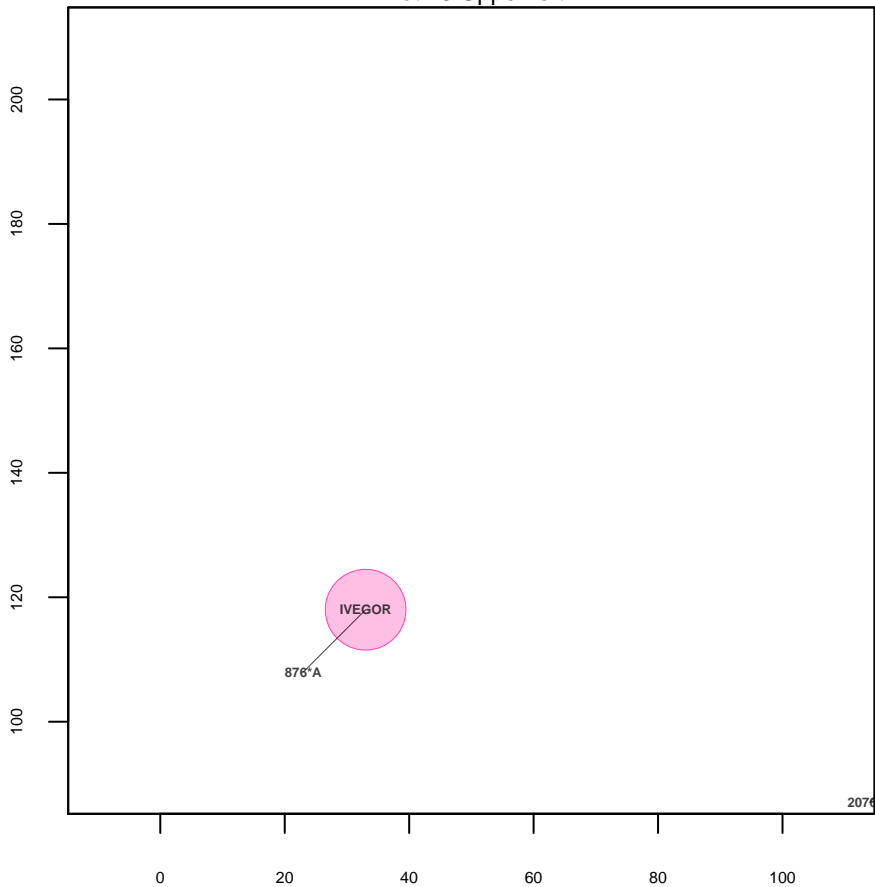
Plot 45 Lower left



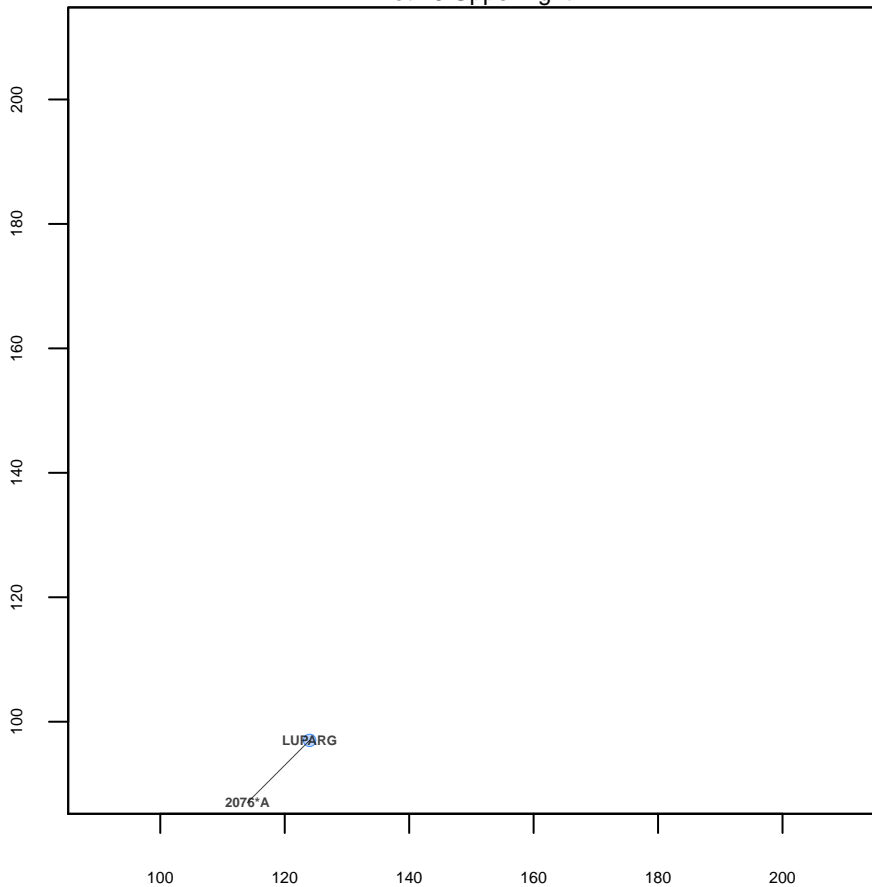
Plot 45 Lower right



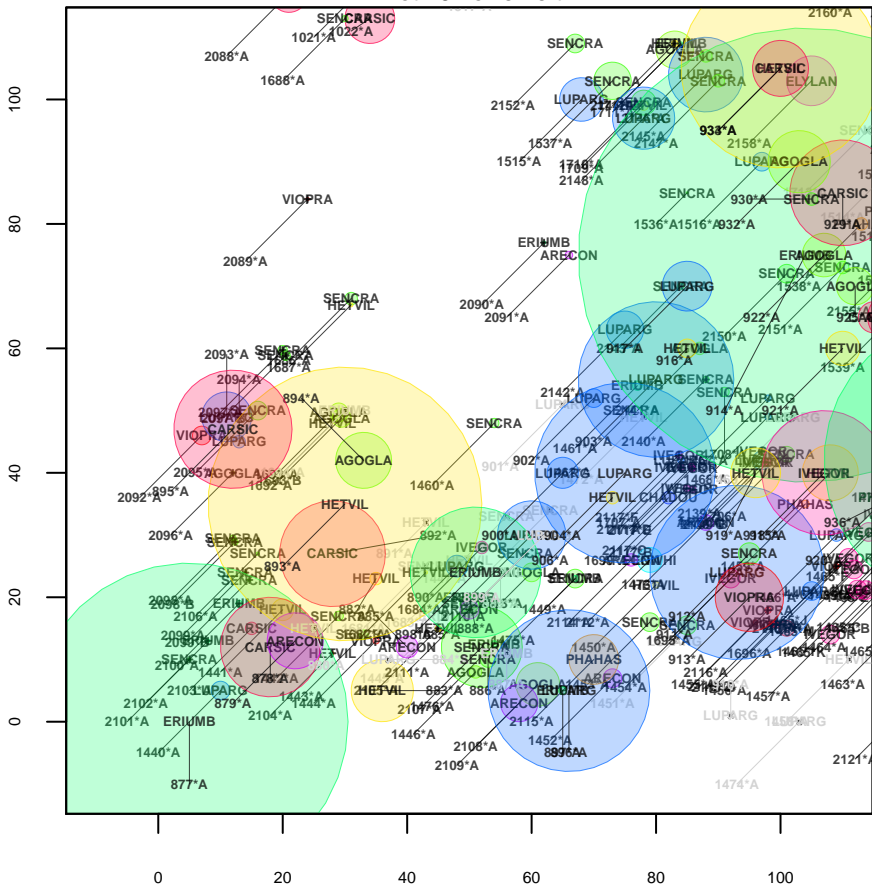
Plot 45 Upper left



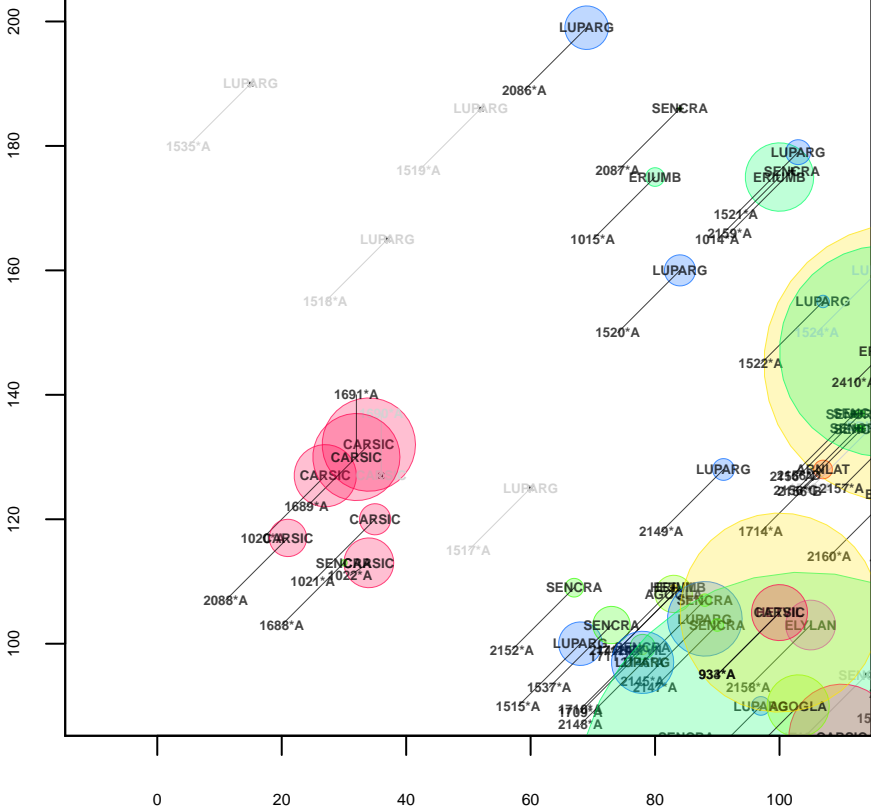
Plot 45 Upper right



Plot 46 Lower left



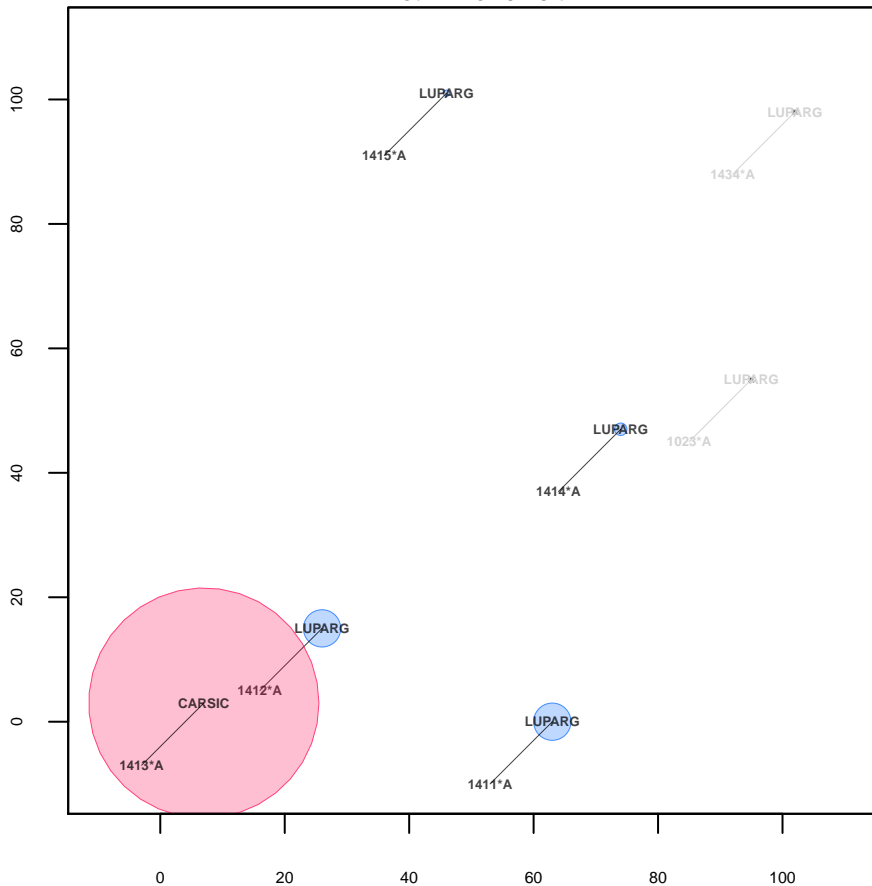
200



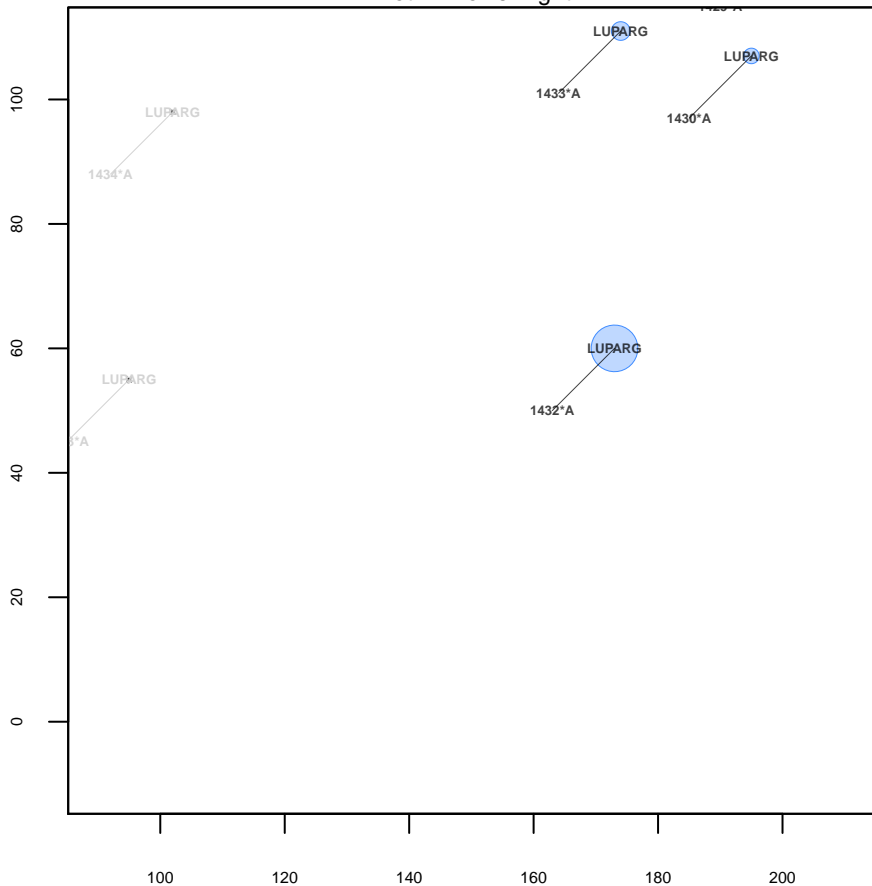
200



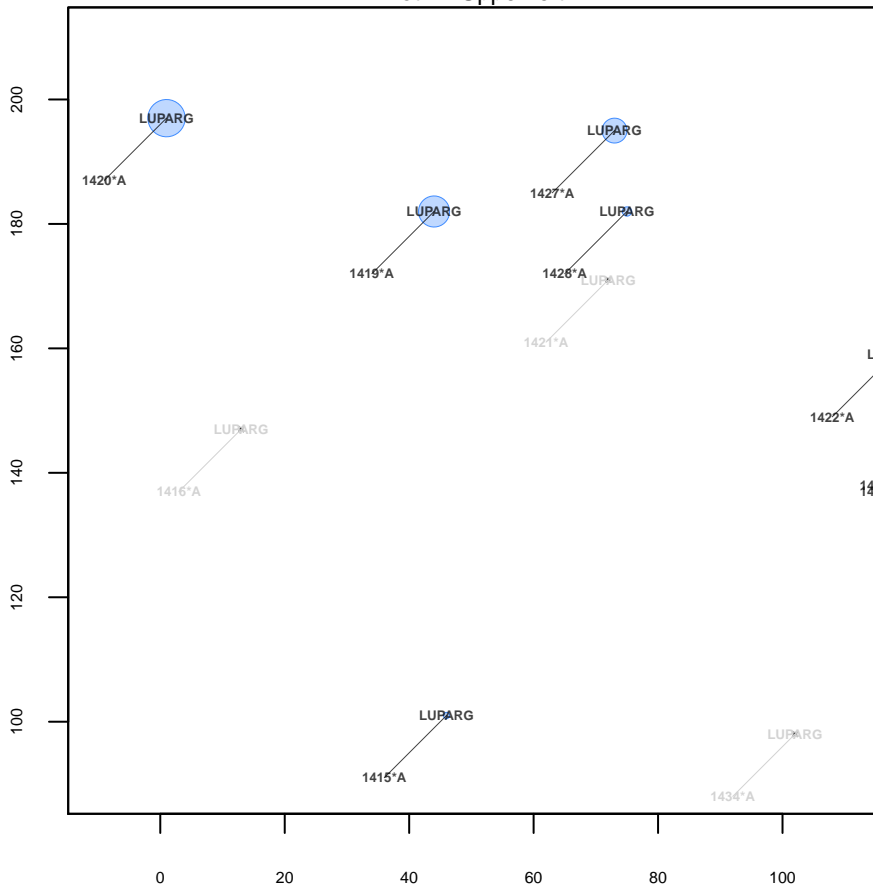
Plot 47 Lower left



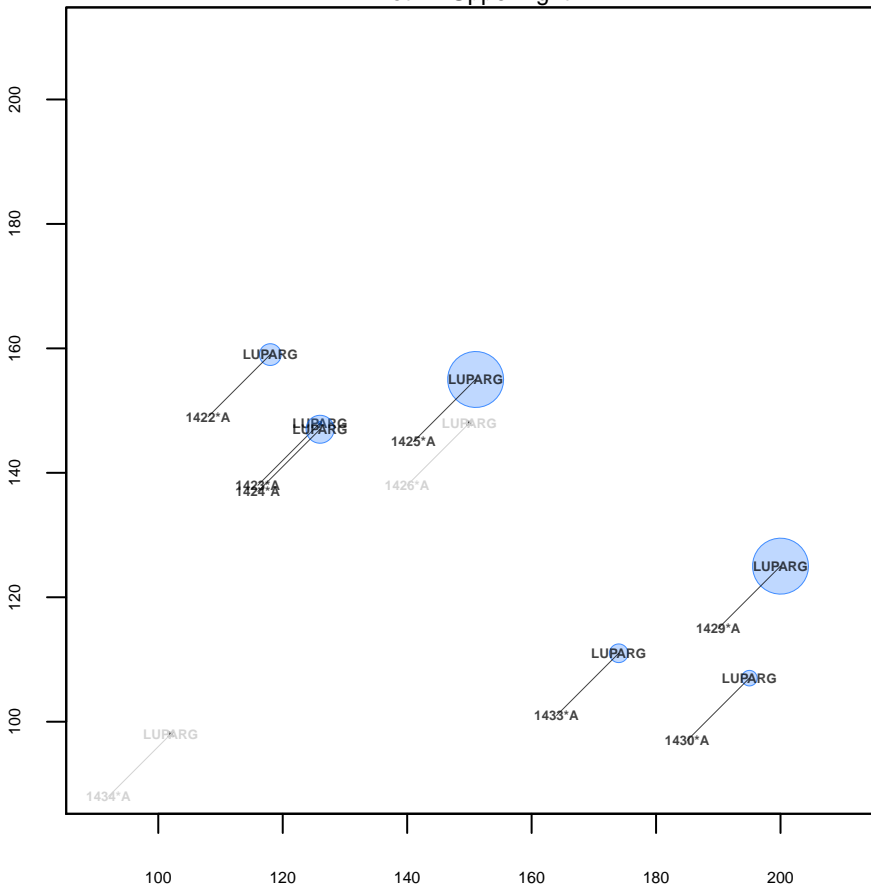
Plot 47 Lower right



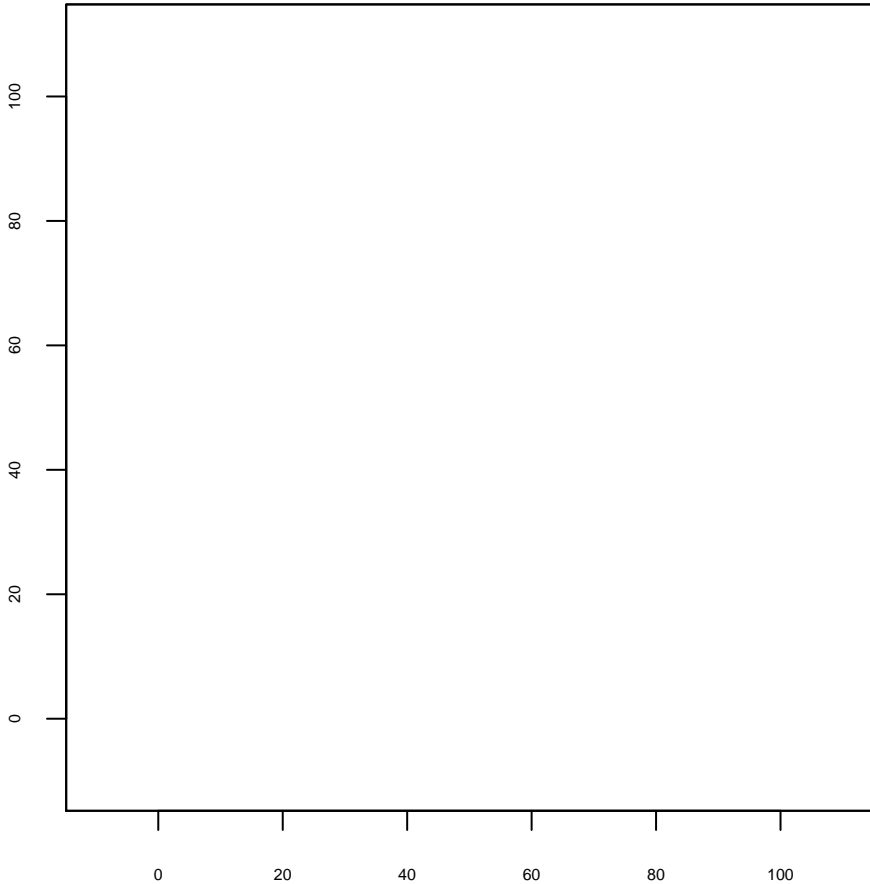
Plot 47 Upper left



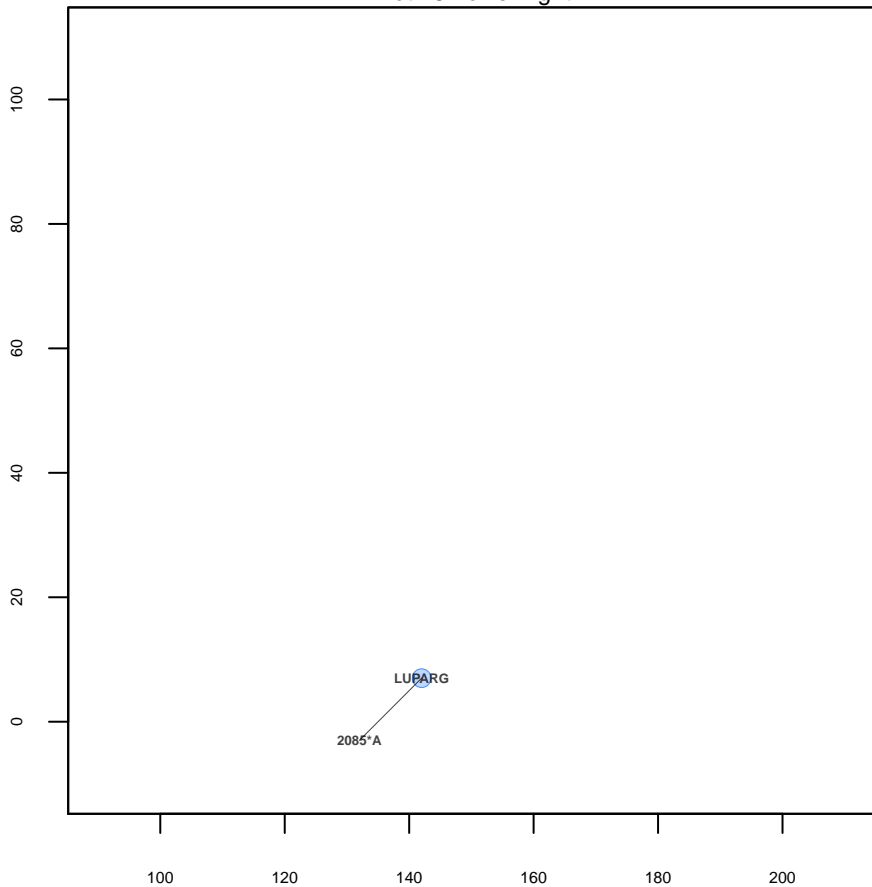
Plot 47 Upper right



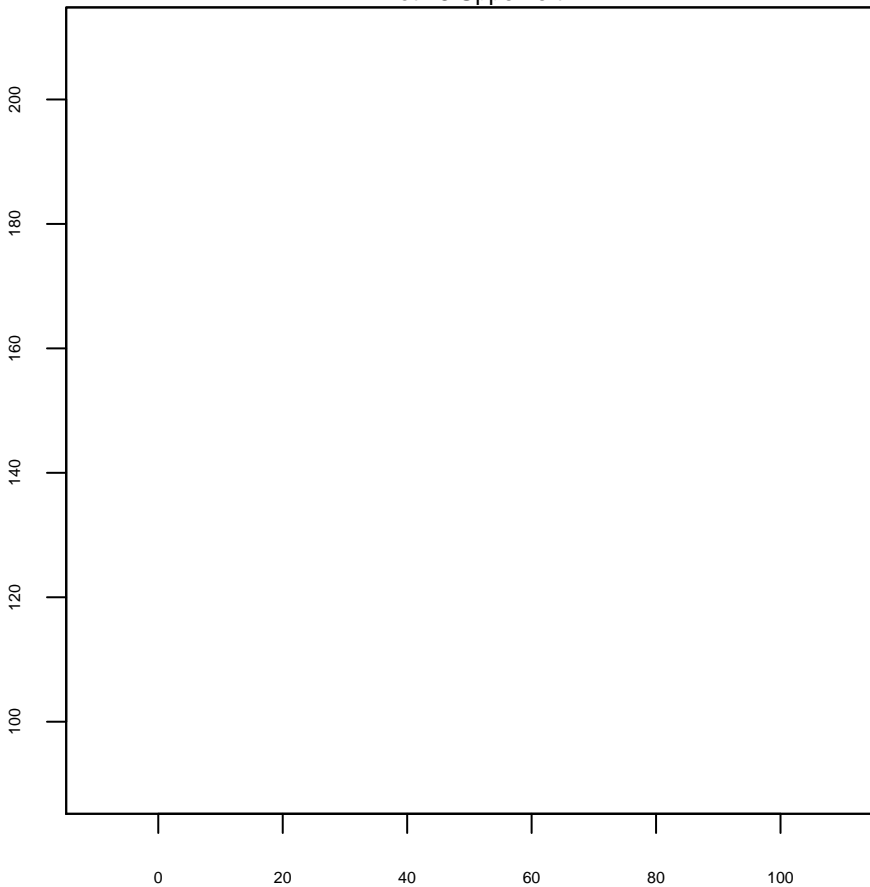
Plot 48 Lower left



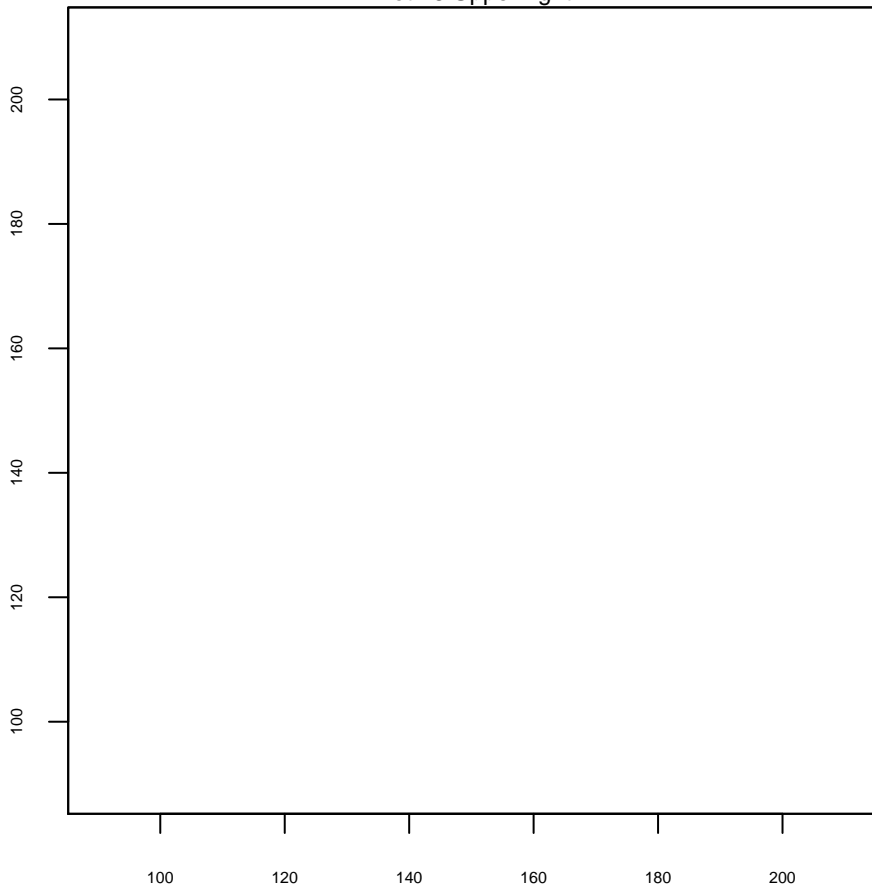
Plot 48 Lower right



Plot 48 Upper left

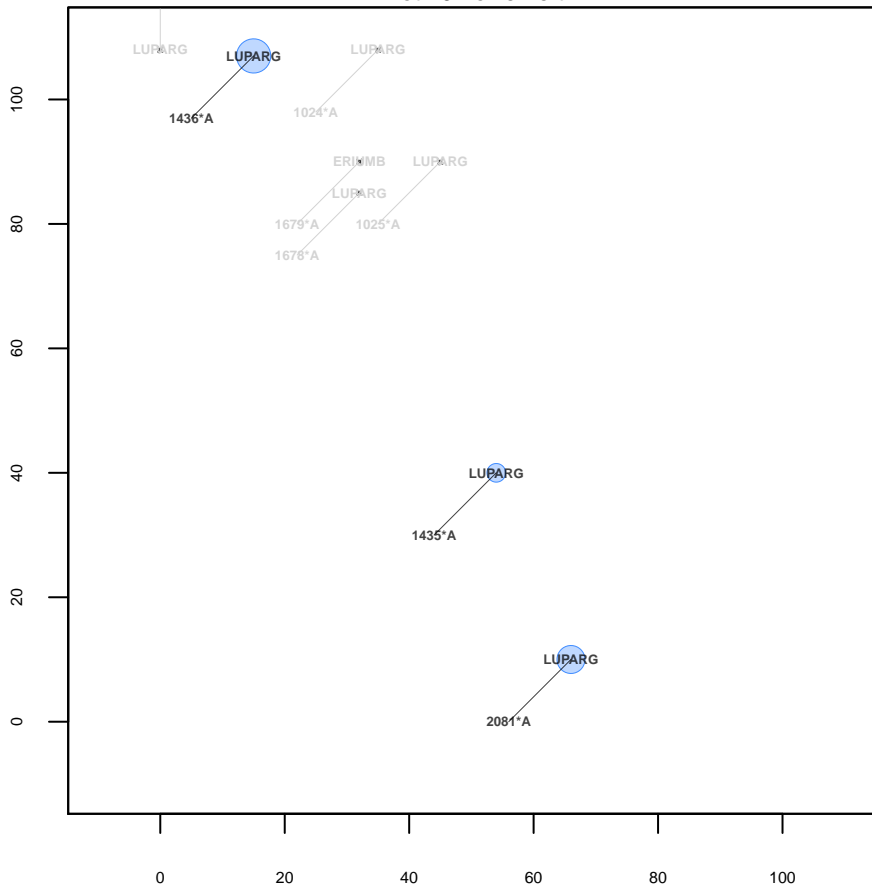


Plot 48 Upper right

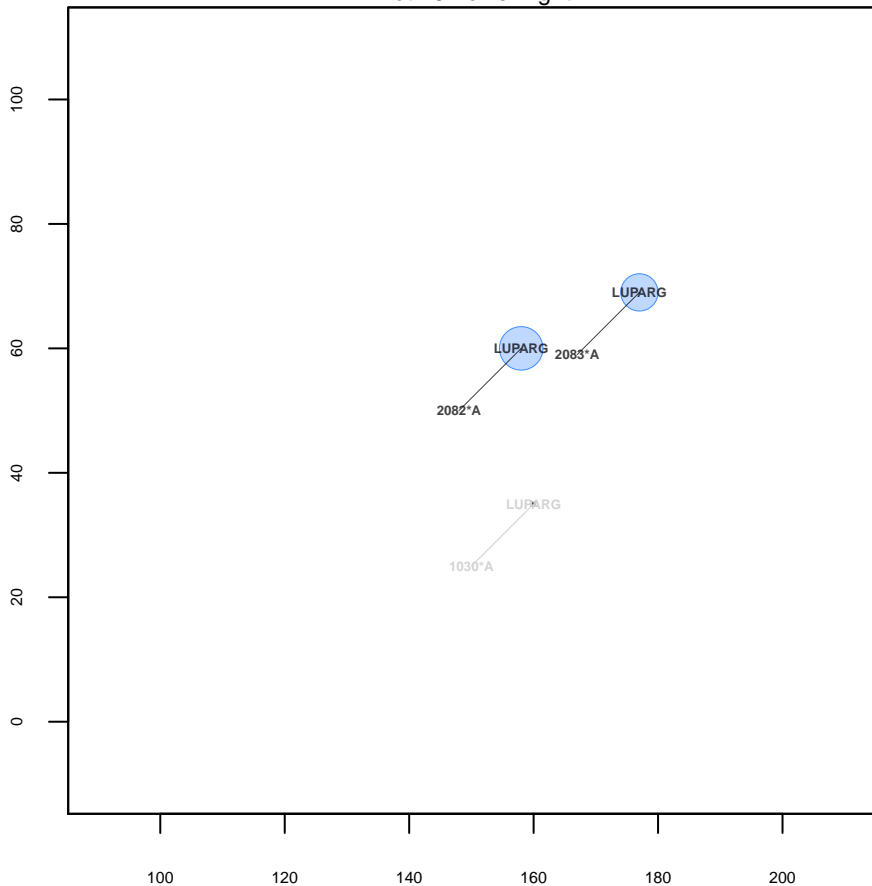




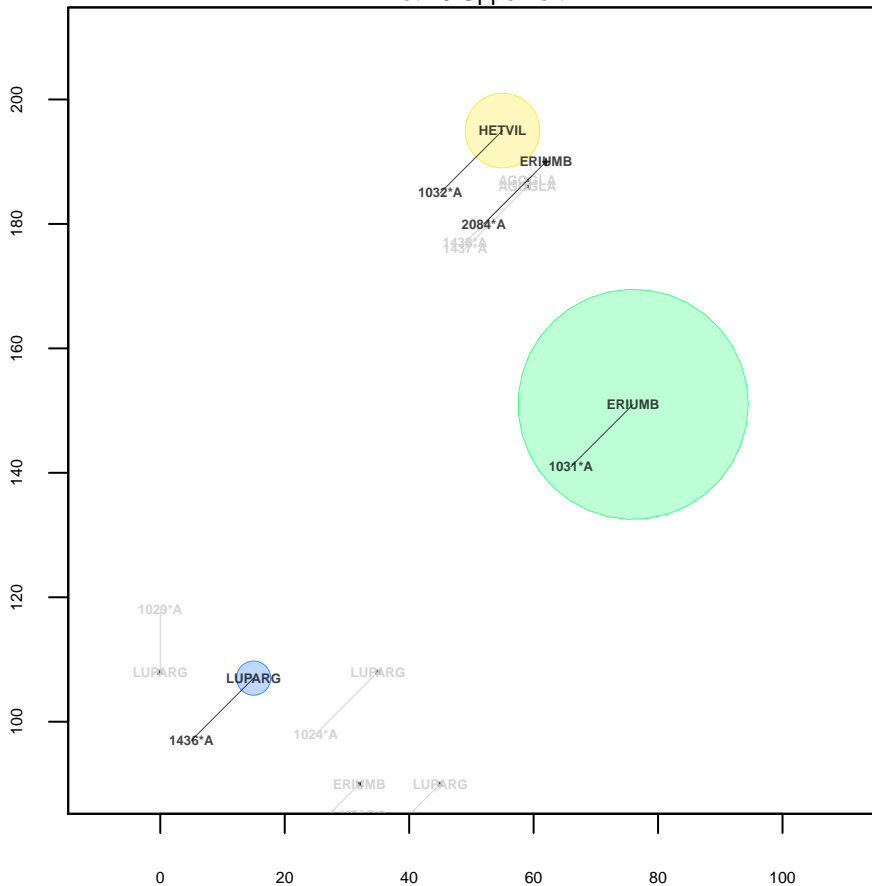
Plot 49 Lower left



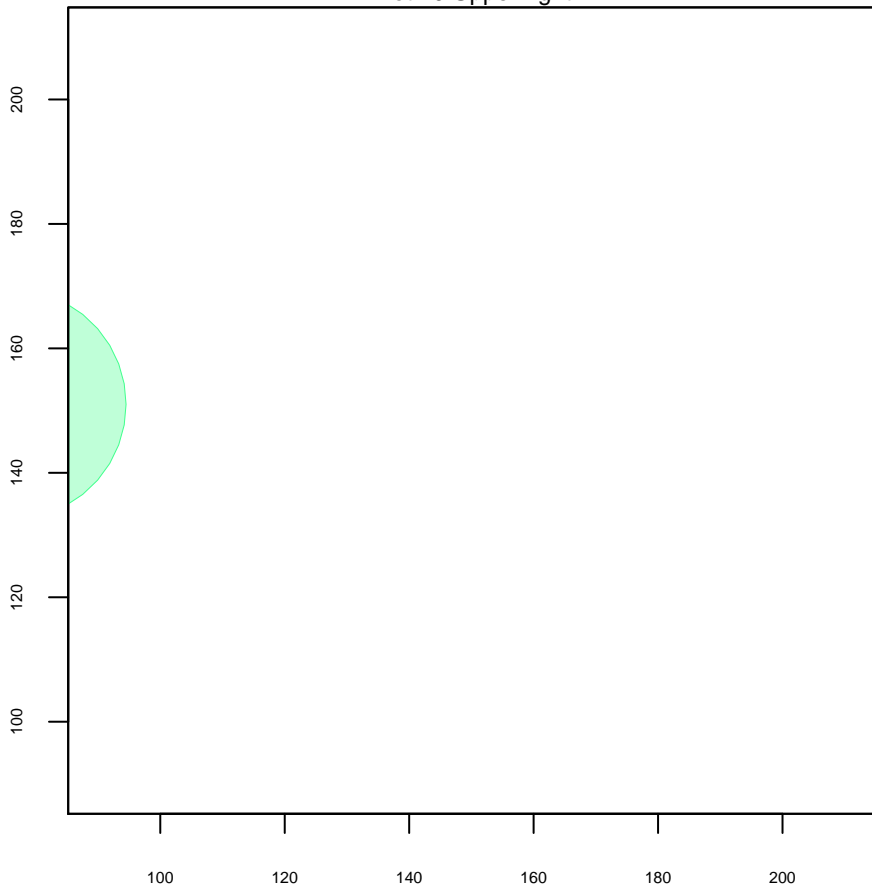
Plot 49 Lower right



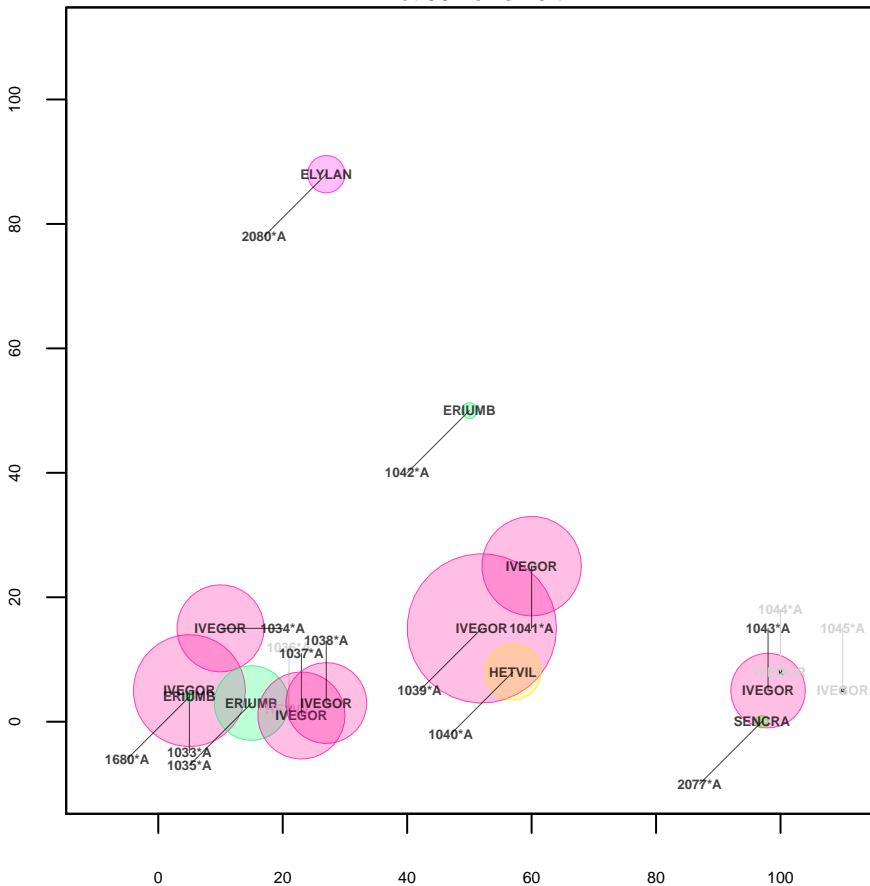
Plot 49 Upper left



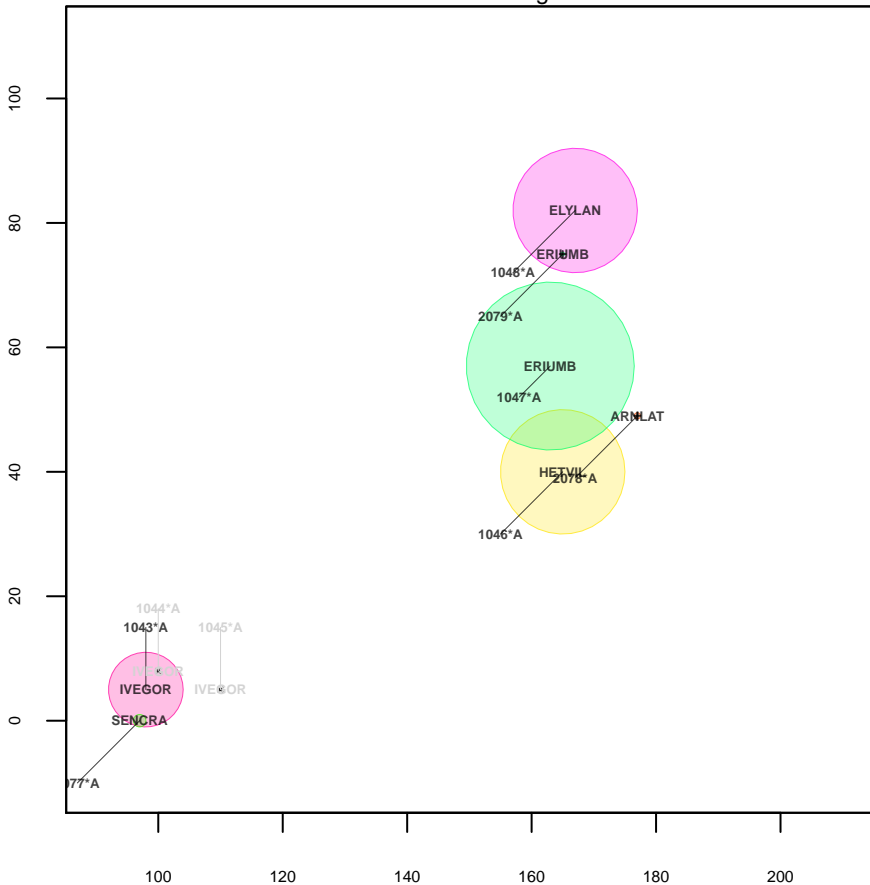
Plot 49 Upper right



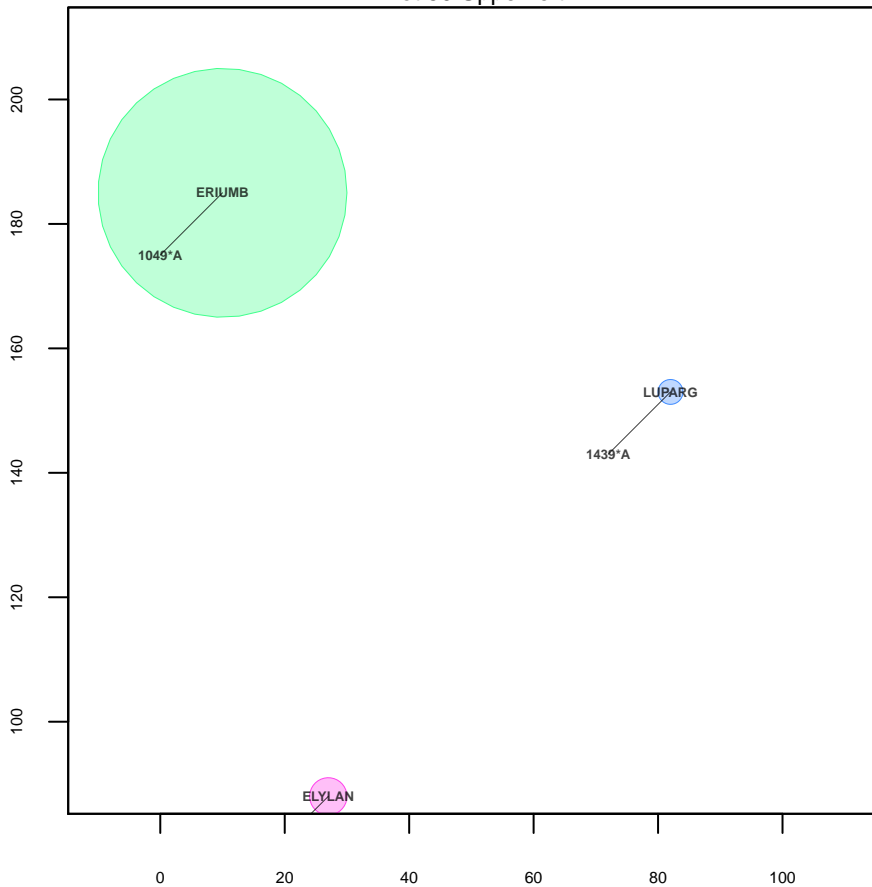
Plot 50 Lower left



Plot 50 Lower right



Plot 50 Upper left



Plot 50 Upper right

