######################## TRVELCOST RES 50 ##############################

NUM CELLS CONSIDERED: 4138

---------------------cost\_arr\_x----------------

[20 26 30 32 33 35 36 38 39 40 42 43 44 45 46 48 49 51 52 54 55 56 58 59 60

62 63 65 66 67 68 69 71 72 73 74 75 76 77 79 80 81 83 84 85 86 88 90 91 96]

NUM RES CELLS CONSIDERED: 2662

---------------------cost\_res\_freq----------------

[60 93 69 41 90 56 93 48 46 98 51 54 53 49 77 42 77 35 66 35 42 69 32 47 61

31 71 46 41 31 48 76 47 44 47 40 43 42 83 47 41 79 33 44 35 71 66 30 39 3]

---------------------cost\_arr\_freq----------------

[ 63 97 78 45 101 60 112 59 64 130 74 71 73 69 109 57 113 63

107 62 72 116 51 65 114 57 114 82 65 62 76 131 85 78 69 61

69 74 135 69 66 126 59 67 64 110 107 52 108 127]

---------------------cost\_res\_y----------------

[ 0.95238095 0.95876289 0.88461538 0.91111111 0.89108911 0.93333333

0.83035714 0.81355932 0.71875 0.75384615 0.68918919 0.76056338

0.7260274 0.71014493 0.70642202 0.73684211 0.68141593 0.55555556

0.61682243 0.56451613 0.58333333 0.59482759 0.62745098 0.72307692

0.53508772 0.54385965 0.62280702 0.56097561 0.63076923 0.5

0.63157895 0.58015267 0.55294118 0.56410256 0.68115942 0.6557377

0.62318841 0.56756757 0.61481481 0.68115942 0.62121212 0.62698413

0.55932203 0.65671642 0.546875 0.64545455 0.61682243 0.57692308

0.36111111 0.02362205]

######################## TRVELCOST RES 20 ##############################

NUM CELLS CONSIDERED: 4138

---------------------cost\_arr\_x----------------

[20 31 35 39 42 45 48 52 55 59 62 65 68 71 74 77 80 83 87 91]

NUM RES CELLS CONSIDERED: 2662

---------------------cost\_res\_freq----------------

[186 167 197 144 158 126 154 101 143 108 102 118 124 138 125 130 120 157

122 42]

---------------------cost\_arr\_freq----------------

[198 186 231 194 218 178 233 169 239 179 171 209 207 232 204 204 192 254

205 235]

---------------------cost\_res\_y----------------

[ 0.93939394 0.89784946 0.85281385 0.74226804 0.72477064 0.70786517

0.66094421 0.59763314 0.59832636 0.60335196 0.59649123 0.5645933

0.59903382 0.59482759 0.6127451 0.6372549 0.625 0.61811024

0.59512195 0.1787234 ]

######################## TRVELCOST RES 10 ##############################

NUM CELLS CONSIDERED: 4138

---------------------cost\_arr\_x----------------

[20 35 42 48 55 62 68 74 80 87]

NUM RES CELLS CONSIDERED: 2662

---------------------cost\_res\_freq----------------

[353 341 284 255 251 220 262 255 277 164]

---------------------cost\_arr\_freq----------------

[384 425 396 402 418 380 439 408 446 440]

---------------------cost\_res\_y----------------

[ 0.91927083 0.80235294 0.71717172 0.63432836 0.60047847 0.57894737

0.59681093 0.625 0.62107623 0.37272727]

######################## TRVELCOST COM 50 ##############################

NUM CELLS CONSIDERED: 4138

---------------------cost\_arr\_x----------------

[20 26 30 32 33 35 36 38 39 40 42 43 44 45 46 48 49 51 52 54 55 56 58 59 60

62 63 65 66 67 68 69 71 72 73 74 75 76 77 79 80 81 83 84 85 86 88 90 91 96]

NUM COM CELLS CONSIDERED: 246

---------------------cost\_com\_freq----------------

[ 0 0 0 0 5 3 7 4 4 6 5 5 5 5 6 4 7 5 9 5 5 8 3 1 3

3 8 5 1 5 6 9 12 7 2 5 1 5 10 3 9 10 7 8 5 7 6 5 2 0]

---------------------cost\_arr\_freq----------------

[ 63 97 78 45 101 60 112 59 64 130 74 71 73 69 109 57 113 63

107 62 72 116 51 65 114 57 114 82 65 62 76 131 85 78 69 61

69 74 135 69 66 126 59 67 64 110 107 52 108 127]

---------------------cost\_com\_y----------------

[ 0. 0. 0. 0. 0.04950495 0.05 0.0625

0.06779661 0.0625 0.04615385 0.06756757 0.07042254 0.06849315

0.07246377 0.05504587 0.07017544 0.0619469 0.07936508 0.08411215

0.08064516 0.06944444 0.06896552 0.05882353 0.01538462 0.02631579

0.05263158 0.07017544 0.06097561 0.01538462 0.08064516 0.07894737

0.06870229 0.14117647 0.08974359 0.02898551 0.08196721 0.01449275

0.06756757 0.07407407 0.04347826 0.13636364 0.07936508 0.11864407

0.11940299 0.078125 0.06363636 0.05607477 0.09615385 0.01851852

0. ]

######################## TRVELCOST COM 20 ##############################

NUM CELLS CONSIDERED: 4138

---------------------cost\_arr\_x----------------

[20 31 35 39 42 45 48 52 55 59 62 65 68 71 74 77 80 83 87 91]

NUM COM CELLS CONSIDERED: 246

---------------------cost\_com\_freq----------------

[ 0 5 14 10 15 11 16 14 16 4 11 11 15 21 11 13 19 24 14 2]

---------------------cost\_arr\_freq----------------

[198 186 231 194 218 178 233 169 239 179 171 209 207 232 204 204 192 254

205 235]

---------------------cost\_com\_y----------------

[ 0. 0.02688172 0.06060606 0.05154639 0.06880734 0.06179775

0.06866953 0.08284024 0.06694561 0.02234637 0.06432749 0.05263158

0.07246377 0.09051724 0.05392157 0.06372549 0.09895833 0.09448819

0.06829268 0.00851064]

######################## TRVELCOST COM 10 ##############################

NUM CELLS CONSIDERED: 4138

---------------------cost\_arr\_x----------------

[20 35 42 48 55 62 68 74 80 87]

NUM COM CELLS CONSIDERED: 246

---------------------cost\_com\_freq----------------

[ 5 24 26 30 20 22 36 24 43 16]

---------------------cost\_arr\_freq----------------

[384 425 396 402 418 380 439 408 446 440]

---------------------cost\_com\_y----------------

[ 0.01302083 0.05647059 0.06565657 0.07462687 0.04784689 0.05789474

0.08200456 0.05882353 0.09641256 0.03636364]

####################### ATTRACTIVENESS RES 50 ######################

NUM CELLS CONSIDERED: 6595166

---------------------attr\_arr\_x----------------

[ 3817 3818 3820 3825 3831 3839 3851 3867 3890 3920 3961 4008

4056 4107 4160 4219 4283 4353 4432 4518 4612 4705 4778 4876

4996 5082 5203 5352 5513 5683 5862 6075 6309 6556 6804 7093

7403 7733 8109 8474 8897 9314 9757 10195 10709 11117 11643 12227

13125 14138 15545]

NUM RES CELLS CONSIDERED: 3202836

---------------------attr\_res\_freq----------------

[367410 11796 17707 13765 13310 14777 17356 24383 28988 39329

48175 55823 52087 52174 51083 54986 54581 57217 60045 58117

56982 58902 66951 62408 58106 68566 73003 74794 75729 73706

76307 75498 78394 84431 84144 85952 87931 89095 88971 90720

90359 89154 82461 89953 87598 86933 88121 85411 85976 89263

91318]

---------------------attr\_arr\_freq----------------

[11477158 115362 138139 135257 131975 138139 130176 133814

128749 133626 131224 134340 131589 131903 131228 132621

130596 132484 132243 132174 131272 126182 138641 131888

131607 132173 131954 131453 132460 131800 131690 131888

131835 132258 131955 131819 131665 132224 131709 131799

132048 131796 126439 137575 131748 132098 131837 131942

131884 131941 131947]

---------------------attr\_res\_y----------------

[ 0.03201228 0.10225204 0.12818248 0.10176922 0.10085243 0.10697196

0.13332719 0.18221561 0.22515126 0.29432146 0.36712034 0.41553521

0.39583096 0.39554824 0.38926906 0.41461005 0.41793776 0.43187857

0.4540505 0.4397007 0.43407581 0.46680192 0.4829091 0.47318937

0.44151147 0.5187595 0.55324583 0.56897903 0.57171222 0.5592261

0.57944415 0.57244025 0.59463724 0.63838104 0.63767193 0.65204561

0.66783883 0.67381867 0.67551192 0.68832085 0.68428905 0.67645452

0.6521801 0.65384699 0.66489055 0.65809475 0.66840872 0.64733747

0.65190622 0.67653724 0.69208091]

####################### ATTRACTIVENESS RES 20 ######################

NUM CELLS CONSIDERED: 6595166

---------------------attr\_arr\_x----------------

[ 3817 3818 3828 3851 3904 4008 4133 4283 4474 4705 4930 5203

5603 6075 6683 7403 8293 9314 10442 11643 13614]

NUM RES CELLS CONSIDERED: 3202836

---------------------attr\_res\_freq----------------

[367410 37011 34344 55584 102647 133813 132340 141814 145128 156944

157989 186009 187530 195567 212852 219778 227298 219138 216961 215477

224612]

---------------------attr\_arr\_freq----------------

[11477158 323222 335650 329180 328409 331669 330012 329198

329571 330274 330217 329712 329645 329685 330070 329694

329751 329785 329871 329765 329786]

---------------------attr\_res\_y----------------

[ 0.03201228 0.11450644 0.10232087 0.16885595 0.31255843 0.40345344

0.40101572 0.43078634 0.44035428 0.47519332 0.47843993 0.56415599

0.56888471 0.5931935 0.64486927 0.66661207 0.68930193 0.66448747

0.65771468 0.65342592 0.6810841 ]

####################### ATTRACTIVENESS RES 10 ######################

NUM CELLS CONSIDERED: 6595166

---------------------attr\_arr\_x----------------

[ 3817 3818 3851 4008 4283 4705 5203 6075 7403 9314 11643]

NUM RES CELLS CONSIDERED: 3202836

---------------------attr\_res\_freq----------------

[367410 71355 158231 266153 286942 314933 373539 408419 447076 436099

440089]

---------------------attr\_arr\_freq----------------

[11477158 658872 657589 661681 658769 660491 659357 659755

659445 659656 659551]

---------------------attr\_res\_y----------------

[ 0.03201228 0.10829873 0.24062294 0.40223763 0.43557302 0.47681649

0.56652011 0.61904646 0.67795798 0.66110063 0.66725545]

####################### ATTRACTIVENESS COM 50 ######################

NUM CELLS CONSIDERED: 6595166

---------------------attr\_arr\_x----------------

[ 3817 3818 3820 3825 3831 3839 3851 3867 3890 3920 3961 4008

4056 4107 4160 4219 4283 4353 4432 4518 4612 4705 4778 4876

4996 5082 5203 5352 5513 5683 5862 6075 6309 6556 6804 7093

7403 7733 8109 8474 8897 9314 9757 10195 10709 11117 11643 12227

13125 14138 15545]

NUM RES CELLS CONSIDERED: 628182

---------------------attr\_com\_freq----------------

[87195 360 632 465 390 447 453 549 603 812 845 1107

1395 2293 2059 1925 2377 2550 2815 3905 5770 8512 7415 3788

6419 5838 5734 5765 8113 9414 10895 14057 13607 13013 15435 15747

17212 19349 20304 22241 24340 27856 31816 36079 31132 35337 36033 39989

38257 35986 36747]

---------------------attr\_arr\_freq----------------

[11477158 115362 138139 135257 131975 138139 130176 133814

128749 133626 131224 134340 131589 131903 131228 132621

130596 132484 132243 132174 131272 126182 138641 131888

131607 132173 131954 131453 132460 131800 131690 131888

131835 132258 131955 131819 131665 132224 131709 131799

132048 131796 126439 137575 131748 132098 131837 131942

131884 131941 131947]

---------------------attr\_com\_y----------------

[ 0.00759726 0.00312061 0.0045751 0.0034379 0.00295511 0.00323587

0.0034799 0.00410271 0.00468353 0.00607666 0.00643937 0.00824029

0.01060119 0.01738399 0.01569025 0.01451505 0.01820117 0.01924761

0.02128657 0.02954439 0.04395454 0.06745812 0.05348346 0.02872134

0.048774 0.04416938 0.04345454 0.04385598 0.06124868 0.0714264

0.08273217 0.10658286 0.10321235 0.09839102 0.11697169 0.11945926

0.13072571 0.14633501 0.15415803 0.16874938 0.18432691 0.21135695

0.25163122 0.26224968 0.2362996 0.26750594 0.27331478 0.30308014

0.29008068 0.27274312 0.27849818]

####################### ATTRACTIVENESS COM 20 ######################

---------------------attr\_arr\_x----------------

[ 3817 3818 3828 3851 3904 4008 4133 4283 4474 4705 4930 5203

5603 6075 6683 7403 8293 9314 10442 11643 13614]

NUM RES CELLS CONSIDERED: 628182

---------------------attr\_com\_freq----------------

[87195 1237 1057 1299 1963 3614 5165 6108 11309 17770 14202 14513

25408 33770 38089 46860 56586 77322 84898 96008 91004]

---------------------attr\_arr\_freq----------------

[11477158 323222 335650 329180 328409 331669 330012 329198

329571 330274 330217 329712 329645 329685 330070 329694

329751 329785 329871 329765 329786]

---------------------attr\_com\_y----------------

[ 0.00759726 0.00382709 0.00314911 0.00394617 0.0059773 0.01089641

0.01565095 0.01855418 0.03431431 0.05380381 0.04300808 0.0440172

0.07707686 0.10243111 0.11539673 0.14213179 0.17160221 0.23446185

0.25736727 0.29114066 0.27594865]

####################### ATTRACTIVENESS COM 10 ######################

NUM CELLS CONSIDERED: 6595166

---------------------attr\_arr\_x----------------

[ 3817 3818 3851 4008 4283 4705 5203 6075 7403 9314 11643]

NUM RES CELLS CONSIDERED: 628182

---------------------attr\_com\_freq----------------

[ 87195 2294 3262 8779 17417 31972 39921 71859 103446 162220

187012]

---------------------attr\_arr\_freq----------------

[11477158 658872 657589 661681 658769 660491 659357 659755

659445 659656 659551]

---------------------attr\_com\_y----------------

[ 0.00759726 0.00348171 0.00496055 0.01326772 0.02643871 0.04840641

0.06054535 0.1089177 0.15686828 0.24591605 0.28354441]