R version 4.3.1 (2023-06-16 ucrt) -- "Beagle Scouts" Copyright (C) 2023 The R Foundation for Statistical Computing Platform: $x86\ 64-w64-mingw32/x64\ (64-bit)$

R is free software and comes with ABSOLUTELY NO WARRANTY. You are welcome to redistribute it under certain conditions. Type 'license()' or 'licence()' for distribution details.

Natural language support but running in an English locale

R is a collaborative project with many contributors. Type 'contributors()' for more information and 'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or 'help.start()' for an HTML browser interface to help. Type 'q()' to quit R.

```
> x10 <- c(42.857,0,0,0,0,0,0,0,0,75,0,0,0,0,0,25,0,33.333,33.333,0,0,16.667,0,0,0,0,0,0,0,0,0,0,0</p>
,10,33.333,16.667,45.455,0,0,0,6.25,12.5,31.25,0,9.524,9.091,3.846,3.704,3.03,2.564,0,3.846,0,9.2
11,3.774,0.855,0,0,1.6,0,0,0,0,7.937,0,0,17.46,0,1.575,34.646,24.409,0,0.787,4.724,74.219,0,0,0,0
,74.016,0,0,0,0,0,4.724,0.787,0,0,0,0,0,11.811,0,3.15,14.173,0,0,10.236,9.449,15.748,3.15,22.83
5,10.236,11.024,0,11.811,0,14.173,2.362,2.362,1.575,0,12.598,5.512,5.512,0,0,0,1.575,0,0.787,0,3.
125,30.469,0.781,38.583,0,0,9.449,10.938,0,0.781,1.562,0,0,43.182,0,10.526,0,6.818,28.03,37.121,1
8.939,16.667,6.818,3.788,38.76,7.576,8.333,0,0,4.545,48.485,14.394,4.545,3.03,1.515,5.303,11.364,
0.758, 0, 0.758, 14.394, 1.515, 0, 0.758, 0, 1.515, 17.293, 5.303, 0, 0, 3.03, 2.344, 0, 0, 0, 2.344, 0, 0.746, 3.03, 4.394, 1.515, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 17.293, 
.237,0,0,26.316,6.015,4.511,3.759,2.679,5.172,3.361,2.521,0,10.811,5.333,7.273,7.353,7.595,8.73,6
 .154,8.333,1.471,10.145,2.158,2.857,10.638,0.685,0,22.297,3.356,2.013,0.671,0,0,0.671,11.409,73.8
26,0.667,1.333,6,3.571,0,0.667,0.667,0,4,0,0.667,7.333,0.667,3.333,18.667,8,1.333,0,2.685,17.45,3
.356, 0.671, 2.685, 6.711, 21.477, 18.121, 2.685, 32.886, 22.819, 49.664, 1.342, 4.698, 10.067, 12, 4, 0, 0, 57.33
3,0,2.667,3.333,0,0,72,72.667,0,19.463,0,4.027,3.356,1.342,0,0,55.034,41.333,0,10,27.333,0.667,1.
333,30,0.667,0.667,47.333,0,0,0,0.671,4,2,0,13.423,6.711,0,0,5.369,6,0.667,3.333,3.378,0)
> x11 <- c(0,0,1.342,0.671,7.432,0,95.973,0,14.765,0,0,14.765,8.725,0,18.792,1.342,0,0,3.333,0,19</p>
 .333,0.667,1.333,0,13.333,10,12,6,0.667,0.667,0.667,0.667,0.667,0,1.333,0,0.667,0,24,3.333,1.351,
0,3.356,10.067,12.752,41.611,2.013,8.054,23.49,0,0,9.333,0,0,14.667,12.667,2,0,2.667,50.667,24.66
7,0,0,40,7.333,0,0,1.333,0,0.667,12,2,0,41.333,0.667,43.333,0,2,90.667,31.333,3.333,0,0,1.333,0,0
,20.667,0,25.333,34.667,0,0,0,7.333,34.667,0.667,0,0,2.667,20.667,0,3.333,14.667,0,0,40,4.667,0,0
,10.738,0,2.013,4.027,11.409,8.054,0,13.423,0,0,0,10.811,22.973,1.351,29.054,0.676,14.189,29.73,2
9.73,0,6.122,17.123,15.753,0,4.138,0,1.37,13.699,4.167,0.943,0,0.781,0,2.74,13.014,15.753,25.342,
2.74,15.068,36.986,6.849,19.178,20.548,1.379,0.69,4.828,9.655,0,1.379,12.414,0.69,52.055,0,0,2.75
9,0,7.639,0.694,40.972,13.889,2.083,1.389,15.972,0,1.399,0,7.692,9.79,1.399,7.692,6.294,13.287,3.
497,14.685,22.378,18.881,6.944,9.028,0,17.931,31.034,12.414,40,3.448,0,35.172,0.69,0,31.469,0,0.6
99,2.797,0.699,2.098,0.699,19.58,2.098,0.699,0,3.521,0,1.408,1.408,3.521,0,8.451,2.817,3.497,3.49
7,12.676,0.704,0,10,20.423,24.823,0.709,0,12.057,13.475,4.255,9.22,16.429,22.695,7.092,29.078,5.0
36,0.725,11.594,36.957,0.73,0.735,5.839,0.73,6.569,5.839,0,0.73,0.735,8.889,34.815,0,0,5.882,0.73
5,1.471,4.444,15.556,17.037,0,2.963,7.407,5.185,5.185,6.667,8.088,2.941,22.963,17.037,4.478,25.56
4,3.008,10.687,12.214,5.385,24.806,17.969,1.575,12.8,8.065,1.626,2.521,0,0,0,1.802,2.679,0.926,0.
943,8.654,0.99,6.452,4.651,9.524,1.19,0,5.97,0,0,3.03,0,4.545)
> x12 <- c(33.333,7.143,0,0,0,62.5,0,0,0,12.5,0,0,0,12.5,0,14.286,17.857,0,0,0,0,0,0,100,0,0,0</p>
0,0,100,66.667,25,0,25,0,0,0,0,0,25,0,0,0,0,80,0,0,40,20,80,0,11.111,0,0,0,54.545,10,0,0,0,0,0,0,0,0
9.091,0,4.348,7.407,0,5.263,0,5.769,4.11,4.651,4.082,3.67,0,0,1.754,0,0,0,0,8.772,0,0,13.043,0,0,
32.479,27.586,0,2.586,2.586,80.172,0,0,0,0,75.862,0,0,0,0,0.855,3.39,1.695,0.847,0,0,0,0,20.492
,0.813,4.032,26.446,0.826,0,10,10.833,10.833,6.612,28.099,16.529,4.959,0.826,10.744,0,12.397,2.47
9,1.653,0.826,0,12.295,8.197,8.197,0,0,0.813,2.439,0,4.878,0,0,21.951,0,43.089,2.439,0,13.008,14.
634,0,0.813,0.806,0.806,0,34.646,0,8.661,0,9.375,33.594,39.844,17.969,21.094,5.469,3.876,30.469,3
.876, 10.853, 1.55, 0, 5.426, 48.837, 16.279, 3.876, 2.326, 0, 2.326, 11.628, 0, 0, 0, 11.628, 0.775, 0, 1.538, 2.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 0.326, 
6,2.326,6.154,5.385,0,0,3.846,0.781,0.775,0,0.781,1.6,0.775,1.538,0,2.479,1.575,0,20.611,6.107,6.
4, 3.252, 3.39, 8.85, 1.818, 2, 2.5, 12.308, 0, 11.017, 1.724, 6.481, 13.115, 4.615, 2.439, 6.4, 2.206, 4.348, 5.79, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308, 12.308,
7,0,1.361,25.85,4.082,0,0,0.685,1.351,0,8.276,69.863,0.676,0,6.081,3.846,0,1.351,2.027,0,4.667,0,
0,12.081,0,4,24.832,12.081,0,0,4,14.667,4,0.667,1.333,5.333,15.333,16.667,0.671,36.913,16.779,50.
667,0.667,3.333,10.667,16.667,2,0,0,54,0,1.333,2,0,0,78,76.667,0,16.667,0,5.333,3.333,1.333,0,0,5
9.732,51.007,0.671,12.752,29.53,0,0.671,25.503,0)
> x13 <- c(0,50,0,0,0,0,0,0,8,1.333,0,10.667,6.667,0,0,12,4,3.333,2.667,1.342,0,0.671,1.351,1.342,1</p>
 .333,4.698,0.671,86.667,0,16.779,0,0,9.396,8.054,0,20.134,0.671,0,0,3.333,0,22.667,0,2,0.667,13.3
33,7.333,7.333,2,0,0,0,0,0,0.667,0.667,0,0,0,20,3.333,2,0.667,2.013,12.081,20.134,36.913,2.013,16
.779, 21.477, 0, 0, 1.342, 0, 0, 10.738, 19.463, 2.685, 0, 5.369, 47.333, 28, 0, 0, 44.667, 4, 0, 2.013, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 
0.671, 8.054, 0.671, 0, 40.94, 0, 40.541, 0, 1.342, 87.919, 32.215, 7.333, 0, 0, 0.667, 0.671, 0, 21.477, 0, 30.201, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.
28.188,0,0,0,6.667,39.333,2.667,0,0,0.667,20,0,3.333,14.667,0,0,32.667,3.333,0,0,8,0,4,8,10.667,6
,0.667,8,0,0.667,8.054,24.832,2.013,33.557,0,14.765,26.846,32.215,0.671,4.054,19.595,25,0,2.74,
```

```
2.721,0.68,2.721,11.565,0.769,2.308,0,0,6.803,5.442,20.408,25.85,4.762,23.81,30.612,6.122,23.129,
36.054,0.676,0,5.442,10.884,0,3.401,9.524,0,55.479,0,0,2.041,0,2.041,0,41.497,16.327,2.041,2.041,
17.123,0,0.685,0,9.589,5.479,1.379,8.219,6.849,14.384,6.849,13.014,25.342,19.863,4.795,3.425,0,15
.068,32.877,13.014,34.932,2.74,0,33.793,0,0.685,25.517,0,0,2.083,2.083,0.694,0,16.084,0,2.098,0.6
99,3.472,0,3.472,0.694,6.25,2.778,2.797,5.594,1.399,1.399,15.385,0,0,10.563,10.563,23.404,3.521,0
,15.493,18.44,3.571,7.801,19.858,17.857,5.036,24.265,2.941,0,14.706,27.206,0.735,0.735,5.147,1.47
1,9.63,4.478,0.746,0,0.763,8.462,29.545,0.752,0,6.818,0,2.273,7.576,22.727,15.909,0,3.008,6.767,6
.767, 4.478, 5.224, 8.955, 1.493, 21.805, 18.182, 1.527, 20.611, 1.538, 12.308, 13.077, 6.923, 28.346, 12.598, 38.182, 12.308, 13.077, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.923, 10.92
.968,11.29,10.744,5.128,0.855)
> x14 <- c(0.862,0,0,2.727,1.852,1.835,4.717,10.784,3.125,6.522,6.742,8.434,2.597,0,2.899,3.922,0</p>
0,0,0,0,0,0,0,0,0,0,0,57.143,0,0,0,50,50,0,0,25,0,0,0,60,0,0,0,0,16.667,0,0,0,0,7.143,20,0,12.5,0
,0,0,0,0,0,0,30,0,0,0,7.692,0,11.111,17.391,11.538,20.69,18.182,20,6.818,4.082,11.321,3.39,5.556,
4.301,0,0,0.885,0.885,0,0.885,0,0,13.274,0,0,10.619,0,1.77,39.823,23.009,0,2.632,6.087,78.261,0,0
,0,0,78.947,0.877,0,0,0,0,3.448,0.862,0.862,0,0,0.84,0,0.833,15.833,0,1.653,29.167,0,0,14.167,10,
12.397,6.557,27.869,13.934,6.557,0,11.475,0.82,13.934,0.82,3.279,0.82,0,11.475,4.098,7.377,0,0,0.
82,0,0,0,0,2.459,24.59,0.82,31.967,3.279,1.695,0.82,12.295,11.475,0,3.252,0,0,0,32.258,0,10.484,0
.806,7.258,25.806,34.677,27.419,18.548,3.226,4.032,33.333,3.226,16.129,0,0,4.839,48.387,13.71,4.8
39,4.839,0.806,2.419,10.484,0,0,0.806,18.548,0.8,0,0,1.575,2.362,10.853,7.752,0,0,2.4,3.101,0,0,0
,1.6,0,0,3.361,3.937,0,0,23.256,5.426,6.977,3.876,7,4.902,0,4.918,10.638,3.906,4.444,2.222,7.353,
2.098,8.219,11.565,0.676,0.671,22.819,6.04,2,0.667,0,0.667,0,8.725,69.128,0,0,10,5.714,0,0,0.667,
0,4.667,0,0,8.667,0,3.333,30,8.667,1.333,0,3.333,10.667,4,1.333,2.667,6.667,14,14,0.667)
> x15 <- c(34,10,43.333,0.667,4,4.667,13.333,2.667,0,0,67.333,0,0,4,0,0,76.51,81.081,0,19.595,0,4</p>
.698,4.027,2.013,0,0,56.081,43.243,1.351,11.486,27.703,0,2.703,32.886,2.667,0,42.667,0.667,0,0,0,
0,7.333,0,0,17.333,8,0.671,0,8.054,6.04,1.342,2.685,2.013,0,0,1.342,2,1.333,6.667,0,94.667,0,17.4
5,0,0,8.054,9.396,0,18.121,0.671,0,0,4.027,0,25.333,0.667,2.667,0,22.148,7.383,8.725,3.356,0.671,
0.671,0,0,0,0.671,1.351,0,0,0,18.367,0.68,2.041,0,2.685,9.396,16.779,34.899,5.369,14.094,22.819,0
,1.342,6.711,0,0,13.333,19.333,2,0,2.667,54,29.333,0,0.667,43.333,4.667,0,0.667,0,0.1.333,7.333,1
.333,0,43.333,0,42.667,0.667,2,89.333,27.333,1.333,0,11.111,0,2.013,0.671,0,22.819,0,30.201,27.51
7,0,0,0,7.383,33.557,0,0,0,0,20.27,0,3.378,6.711,0,0,31.333,2.667,0,0,6.667,0,6.04,2.685,8.725,6.
711, 0, 10.738, 0, 0, 0, 10.067, 31.544, 1.333, 35.333, 0, 14, 28, 30, 0.671, 4.027, 23.49, 15.436, 0, 3.378, 2.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.721, 1.
.361,1.449,22.297,2.479,0.752,0.752,0.676,0,3.378,9.459,17.568,27.703,5.405,16.892,31.544,8.725,2
4.324, 24.324, 0.676, 0.676, 5.405, 11.486, 0, 1.351, 11.486, 0.676, 52.027, 0, 0, 2.041, 0, 6.122, 0.68, 39.456, 11.486, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.67
6.327,1.361,2.721,17.007,0,1.361,0.68,6.803,5.442,2.74,7.483,6.803,14.286,6.803,11.565,24.49,17.0
07, 11.644, 5.479, 0, 17.241, 27.586, 13.793, 44.828, 2.759, 0, 37.931, 0, 0, 24.138, 0.694, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 4.895, 0.694, 1.399, 0.694, 1.399, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694, 0.694
,0.704,26.056,1.408,3.521,0,3.472,0,2.083,0,4.167,2.797,6.294,4.196,2.098,0.699,13.986,1.399,0,10
.563,14.789,20.979,3.472,0,21.379,14.583,8.333,9.722,10.417,16.667,9.028,25.175,2.797,0.704,8.511
,36.879,1.418,0,6.338,2.817,7.801)
> x16 <- c(2.837,2.128,0.709,0.709,4.255,31.206,0,0,3.546,0,2.817,5.634,24.476,13.986,0,3.497,8.3</p>
92,6.993,6.993,7.746,9.286,1.439,23.741,15.108,2.899,26.087,0,11.679,17.778,6.818,26.923,13.077,4
.615, 10.769, 6.299, 8.264, 1.653, 0, 0, 0, 4.274, 5.217, 0, 0.917, 11.111, 2.885, 5.051, 4.167, 10.87, 0, 0, 4.615,
15, 85.507, 0, 2.857, 30, 0, 0, 1.515, 0, 0, 3.03, 0, 0, 0, 0, 4.688, 1.587, 6.25, 0, 24.074, 1.786, 1.818, 3.571, 3.38, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586, 0.586
33,0,9.615,0,0,4.082,0,4.651,2.381,2.381,0,1.754,5.263,4.545,3.03,0,15.385,13.636,0,1.695,1.562,0
,1.562,0,6.349,31.746,12.903,28.07,1.786,5.263,0,12.5,1.852,0,0,18.868,0,8.511,4,3.922,0,1.724,0,
3.448,10.714,5,4.762,1.587,0,8,16.216,6.757,0,7.143,0,2.439,6.024,2.273,0,1.124,1.124,4.494,1.124
,0,1.124,9.574,2.97,1.887,10.619,0,1.613,0,48.905,0.69,64.384,0,21.233,0.685,0.685,0,2.041,0,0,8.
163,67.347,0,0.68,8.163,46.259,0,0,4.082,54.422,0,1.361,3.401,2.041,0,0,14.966,0,0,2.027,9.459,0,
0,4.054,6.081,0,0,22.819,16.107,1.333,2.667,19.333,0,0.667,20.667,21.333,0,0.667,1.333,0.667,0,0,
0,2.667,28.667,0,1.333,16.667,0,0,1.333,4.667,0,0,36.667,0,0,0,0.667,0.667,68,0,0,0.676,0.676,0
,8.108,0,0,34.899,0,1.351,0.676,0,1.361,0.676,0,0.671,3.333,7.333,0.667,0.667,9.333,7.333,0)
> x17 <- c(0,0,3.356,0,5.369,0,65.772,0.667,44.667,0,0,0.667,1.333,0,0,49.333,0,0,0.667,0.667,50.</p>
667,0,0,1.333,17.333,0.667,0,2,40,4,1.333,7.333,18,5.333,10.667,5.333,0,0.671,8.725,3.333,4.667,3
.333,6.667,41.333,1.333,0,1.361,6.803,6.25,33.913,12.5,2.027,3.356,2.027,10.811,9.396,0,2.685,0,8
.784, 1.342, 0.671, 0, 6.122, 1.351, 0, 0, 0.671, 4.054, 2.685, 44.295, 11.409, 2.685, 4.027, 0, 1.342, 2.013, 5.36
9,0,0,20,2,22,0,3.333,1.333,0,0,0,2.667,0,0.667,0,0,2.667,1.333,2.667,0.667,0,0.667,1.333,0.667,0
,0,6,0,18.121,19.048,0,0.68,1.361,2.041,1.351,18.243,0,0.676,21.622,8.784,0,26.531,5.442,8.844,0.
68,23.81,12.245,3.401,1.361,0,1.37,2.027,0,0.69,0.685,2.055,4.795,0.676,2.703,12.838,0,0.68,25.17
,30.612,40.136,0,18.919,0.676,4.73,4.73,6.081,49.324,0,1.351,2.703,1.351,1.37,13.014,0,8.904,4.79
5,5.479,13.699,0.685,2.069,1.379,2.759,15.068,0,0,0.685,4.795,0,6.803,80.272,0,0.69,0.685,4.795,1
0.274,0,0.685,0,0,0,0,97.26,0,19.178,0,0,43.662,0,76.027,0,0,0,86.301,0,0,0.685,0,0,52.414,0,12.4
14,0,16.552,0,0,2.069,21.379,0,0,6.207,13.889,0,0,2.098,13.986,72.028,0,4.895,16.084,0,0,1.399,0,
4.196,1.399,28.671,2.797,13.986,0,27.273,16.197,0,15.385,6.993,0,4.895,0,18.881,1.399,7.692,0.699
,0.704,0,0,10.084,0,8.333,0.943,0.943,0.952,0.971,3.093,15.054,1.163,7.229,0,0,0,0,5.085,5.263,0,
0,3.571,0,0,6.061)
> x18 <- c(10.256,0,0,3.333,3.175,0,1.471,0,0,0,0,2.899,1.449,60.87,4.348,53.623,35.294,98.529,0,</p>
48.529,0,0,0,2.941,0,0,0,0,2.817,0,71.831,87.5,93.243,0,5.333,16.883,0,0,0,1.299,0,0,1.333,1.333,
0, 4, 2.703, 5.405, 8.219, 9.589, 2.74, 9.722, 1.389, 4.167, 3.448, 3.774, 5.128, 6, 7.547, 0, 1.429, 2.857, 1.408, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.859, 0.8
```

```
4.225, 1.389, 1.887, 0, 1.613, 0, 28.125, 18.75, 0, 0, 0, 0, 1.37, 2.74, 10.811, 16.667, 16.883, 19.231, 1.282, 2.56
4,2.632,2.703,2.941,7.692,4.762,0,3.704,0,1.923,8.955,6.25,0,1.587,0,15.625,17.647,3.896,2.597,4.
706,1.176,6.977,3.488,3.409,2.198,1.053,1.042,1.053,1.031,0.971,1.852,5.405,2.586,0.855,16.102,0,
2.857,0,50,0,65.306,0,22.449,0,0,0,2.041,0,0,4.082,64.626,0,1.361,9.524,47.619,0,0.68,0.68,47.619
,0,3.401,2.721,0.68,0,0,17.931,0,0,2.069,10.345,0.69,1.379,2.759,8.844,0,0,17.808,20.548,0.685,0.
685,21.233,0.685,0,16.107,16.779,0,0.671,3.356,0.671,0.671,0,0,2.685,26.846,0,0.671,16.779,0,0,1.
342,6.711,0,0.671,40.94,0,0,0,1.342,2.027,65.541,0,0.671,0.676,0,0,7.432,0,0,33.108,0.676,1.351
,0,0,2.027,0,0,0,2.013,6.04,0.671,0,8.667,4,0,0,0,4.027,0.671,2.685,0,63.758,2.685,53.691,0,0,1.3
33,0,0,0,51.333,1.333,0,0.667,0,56,0,0,0.667,22.667,0.667,0,4,38,1.333,0.667,8.667,17.333,8,12,6.
667,1.342,0.671,12.752,2.74,6.207,2.759,6.944,51.389,2.083,0,0.714,3.571,6.542,29.577,7.746,2.083
,5.556,3.356,10.067,13.423,0.671,2.013,0,6,1.342,0.671,0,5.333,2.013,0,0,0,2.685,6.711,41.216,16.
107, 2.013, 3.356, 0.676, 0.676, 4.762, 4.054, 0.676, 0, 16.779, 4.027, 20.805)
> x19 <- c(0,6.757,1.351,0,0,0.671,2.685,0,4.027,0.671,0,3.356,0,1.342,0,0.667,3.333,0,0,0,0,3.33</p>
3,0.676,20.946,20.946,0.68,4.054,0,0,0,18.121,0.671,1.342,24.832,8.725,0,27.703,2.027,10.738,1.35
1,26.351,14.094,4.698,2.013,0,0.671,2.013,0,0,0,1.342,4.698,0.676,2.703,14.865,0,1.361,33.333,25.
17,36.054,0,19.048,0,4.082,3.401,5.442,53.061,0,0,2.055,0.685,0.685,13.014,1.37,2.74,3.448,5.517,
13.194, 0.694, 0, 0, 4.225, 16.197, 0, 0.699, 0, 4.828, 0, 5.479, 78.082, 0, 1.389, 0, 0, 6.25, 0, 1.389, 0, 0, 0, 0.694
,97.917,0,20.139,0,0,48.611,0.694,85.417,0,0,0,84.722,0,0,2.778,0,0,50.694,0.694,10.417,0,21.528,
0, 0, 2.759, 21.379, 0, 0, 6.944, 19.444, 0, 0, 2.128, 12.766, 75.177, 0, 2.837, 11.348, 0, 0, 8.511, 2.128, 3.546, 4.
965,23.404,2.837,7.801,0,25.532,18.571,0.714,13.571,5.714,0,2.143,0,15,0.719,5.755,0,0,0,0.735,1.
01,0,13.265,0,0,0,0,1.087,7.143,3.797,5.128,4.762,1.389,1.429,0,1.587,4.839,24.59,1.639,6.78,15.2
54,1.754,0,2.128,0,0,0,2.703,0,4.878,2.5,0,0,0,2.632,2.778,0,0,12.121,0,4.348,0,0,0,0,16.667,0,0,
12.5,0,0,12.5,0,0,0,25,0,0,7.692,0,0,5.882,35,0,3.704,11.765,6.25,0,0,0,3.175,4.762,0,0,1.515,1.4
93,49.254,1.493,61.194,20.896,100,0,41.791,2.985,0,0,2.941,0,0,2.899,0,0,0,79.71,62.319,97.143,0,
0,15.942,0,1.429,0,2.857,0,0,8.824,0,1.449,1.449,1.429,4.286,8.451,8.451,1.493,6.061,3.125,6.667,
3.922,11.765,0,14.286,0,0,16.667,0,7.692,9.091,6.667,5.263,4.255,0,20,25.641,2.273,1.786,3.448)
> x110 < -c(3.39,0,4.348,15.517,14.545,3.333,5.714,4.286,1.408,4.225,4.167,4.396,2.128,3.191,0,2.
041,1.042,1.01,5.051,2.941,6.731,4.673,0,8.397,0,0,0,50.667,0,59.333,0,25.333,0,0,0,0,0,0,4,65.77
2,0,0,4.698,53.02,0,0,0,38.667,0,0.667,3.333,0,0,0,18.792,0,0,0.676,10.135,0,0,4.698,7.383,0,0,21
.622,20.27,0.676,0,20.805,0,0,20,14.765,0,0.667,2,0,0,0,0,2,26.667,0,1.333,22,0,0,0,5.333,0,0,36.
667,0,0,0,0,0,1.333,57.333,0,0,0,0,0,1.342,0,1.333,34,0,0.667,0.667,0,2.667,0,0,0,2.667,1.333,0,0
3,27.333,1.333,0,2.667,36,0.667,0,10,24,2.667,9.333,8,0,1.333,8,2,6,0,6,53.333,1.333,0,0,8.054,3.
39,1.818,0,0,0,32,10.667,2,2.685,1.342,9.396,14.094,0,4.698,0,5.333,2,0.667,0.671,2.703,2.027,0,0
.671,0,2.703,2.685,48.667,19.333,1.333,2.667,0.667,1.333,4,6.667,0,0.667,20.667,1.333,20.667,0,3.
333,1.333,0,0,0,1.333,0,4,0,0.667,1.333,1.333,2,0,0,4.667,0.667,0.667,0,4.667,0,22.667,9.333,0,
4,0,0.667,0,22.667,0,0,34.667,4,0,36.667,4,7.333,2.013,35.57,19.463,2.013,1.342,0,0,2.685,0,0,0,0
,0,1.361,1.361,0,1.361,14.286,0,0,28.571,26.531,35.374,0.68,19.728,0,4.795,2.74,9.459,56.081,0,0,
0.68, 0, 0.68, 4.762, 2.041, 10.204, 6.122, 6.803, 17.687, 0, 0.68, 1.351, 5.405, 17.568, 0, 0, 0.676, 4.027)
0,79.195,0,0,0.671,0.671,0,54.362,0,2.685,0,22.973,0,0,1.351,17.568,0,0,5.479,24.658,0,0,4.138,17
.241,75.172,0,2.069,11.724,0,0,8.966,0,0,1.379,29.655,0.69,4.828,0,19.31,20.69,0.69,16.552,3.448,
0, 4.138, 0, 22.069, 2.069, 6.207, 4.138, 0, 0, 0, 26.957, 0, 17.91, 3.39, 0, 0, 0, 0, 0, 2.041, 2.083, 0, 33.333, 2, 8, 0
,0,0,0,2.174,2.174,0,0,2.222,2.222,9.091,11.905,0,0,0,0,12.903,33.333,0,0,0,13.333,0,0,0,0,0,0,0,0,0
128,7.692,3.448,0,0,1.538,0,0,0,1.923,0,0,0,6.522,7.143,13.38,6.294,17.483,16.084,4.861,0,4.138
,34.932,0,1.37,1.37,2.055,0.685,7.534,0.685,19.863,0,7.534,0,0,0,0,0,0,0.676,1.342,1.333,15.333,0
.667,1.333,0,19.333,0,0.667,0.667,36.667,30,0,3.333,40,0,0,14.667,0,0,16.667,40.667,26,2.667,15.3
33,11.333,0,0.667,28,0.667,0,0.667,0.667,3.333,41.333,4,9.333,0,3.333,0,7.333,3.333,0,38,0.667,0,
5.333,0.667,53.02,1.342,0,12.752,17.45,0,13.333,2,0,0,10.667,2,1.333,0,50,0,0,0,2.667,15.333,0,10
,17.333,0,0,0,0,28,48.667,0,8,42,0,0,28,0,4,0,0,1.333,7.333,0.667,0,0.667,1.333,10,4.667,15.333,10,
0,10,0,0,0,0)
> x112 < -c(62.667, 0, 3.333, 64.667, 2.667, 0.667, 0.667, 1.333, 0, 9.333, 0, 14, 0, 3.333, 0, 0.667, 25.333, 31.
333,0,0,2,38.667,0,0.667,8.667,0,0,0,16,0,0,0,2,40,0,0,12,41.333,8.667,0,4.667,14.667,27.333,8,8.
667,4.667,51.333,12,12.667,2,1.333,1.333,24.667,3.333,0,2.667,5.333,4.667,0.667,8.392,2.721,0,0.6
67,2,0,4,3.333,1.333,10.667,14,2,10.667,10.667,1.333,57.333,17.333,17.333,7.333,4,2,32.667,14,17.
333,21.333,7.333,0,2.667,4,1.333,0,0.667,0,0,0.671,1.342,0,0,0.671,0,24.832,6.329,0.671,2,0.667,0
,1.342,0,4.698,11.409,11.333,59.333,0,7.333,38,0,20,4,3.333,1.333,2,10.667,0,0,9.333,2,0,0.667,6.
667,2.667,0,6.667,13.333,4.667,0,0,10.811,3.356,3.356,4.698,0.676,0,9.459,6.081,3.378,54.73,6.757
,0,0.676,14.094,9.333,12,4.667,22,1.333,0.667,1.333,0.667,16,0,0,19.333,0,11.333,0,0.667,2.013,0.
676,2.027,0,2.027,2.041,16.327,13.605,40.136,25.85,13.605,0,49.66,25.85,4.082,0,10.884,0,13.514,0
,0.68,3.378,3.378,29.054,0,11.486,1.351,0.676,0,11.486,2.027,1.351,1.351,8.108,7.432,0,0.676,0,0,
0.676, 0, 0, 1.351, 1.351, 0.676, 0, 0, 5.405, 75.676, 0, 0, 16.216, 2.027, 0, 0, 19.595, 0, 0, 13.514, 0, 0, 12.925, 21
.233,0,0,6.849,32.192,0,0,9.589,2.74,9.589,0,2.055,10.274,0,0,0.685,3.425,0.685,3.425,5.479,27.08
3,7.692,10.49,8.392,6.338,2.837,4.255,17.266,28.358,6.25,19.841,23.2,13.6,5.6,20.161,0,0.82,6.034
,11.712,0.935,0,2.128,1.087,1.163,0,1.299,21.538,1.923,1.961,1.923,0,3.846,5.66,0,0,6.818,0,0,0,1
.852,3.922,0,2.222,0,0,0,0)
> x1 <- c(x10,x11,x12,x13,x14,x15,x16,x17,x18,x19,x110,x111,x112) #Before
```

0, 8.333, 0, 6.667, 6.25, 6.25, 6.25, 0, 14.286, 0, 11.538, 7.407, 6.061, 7.692, 0, 1.923, 8.197, 7.895, 4.717, 3.41

R Console Page 4

```
9,0.813,0,28,0,11.905,3.968,0,8.73,0,0,1.587,0,4.724,2.362,0,0,1.575,0.787,0.781,0,0,0,1.55,0,0,0
,0,0,0,8.661,1.575,0,2.362,0,0,0,0,1.575,0,0,0,0,0,11.024,3.937,5.512,0.787,0.787,13.386,4.724,0,
1.575,0,0,0,0,0,0,18.11,3.15,0,0,0,0,32.283,3.15,3.15,0.787,0,2.344,29.688,1.575,0,1.575,2.362,0,
0,0,0,3.125,0,2.273,0,0,5.303,9.091,5.303,0.758,2.273,9.848,7.576,0.758,3.101,3.788,22.727,1.515,
0,2.273,8.333,0,0,7.576,0.758,21.97,3.03,0,0,0,0,3.03,0,0,32.576,6.818,11.278,0,0.758,0,20.455,27
.344, 0, 2.273, 0.763, 15.625, 0, 0.746, 59.091, 1.695, 6.87, 0.752, 13.534, 5.263, 10.526, 11.278, 1.786, 6.034, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786, 1.786
5.882,4.202,12,8.108,8,16.364,13.235,11.392,11.111,35.385,6.061,14.706,15.942,7.914,9.286,31.915,
21.233,0.676,8.108,4.027,0,0,0,5.369,0.671,0.671,2.685,0,0,0.667,7.143,0,18,6,2,0,0.667,1.333,10,
0,17.333,0,0.667,1.333,0,9.396,0.671,7.383,0.671,0,1.342,5.369,0,6.711,2.013,2.013,0.671,0.671,
2.013,3.333,0,0,0,0.667,0,14.667,34,0,0,0.667,2,0,0,84.564,0,58.389,0,0,0,0.671,0,0,10,1.333,0,0,
0,0.667,2,0,87.333,0,0.667,0,0,3.333,6.667,0,0,1.342,0,0,0,28,0.667,1.333,0.676,6.757)
> x21 <- c(2.027,0,7.383,4.027,4.054,4.027,0.671,0,1.342,0,0,0.671,55.705,0,2.685,1.342,0,2,2,1.3</p>
33,2.667,2,4,0,9.333,0.667,19.333,26,0.667,0,0,0,0,2,0,8,2.667,0,2.667,0,1.351,0,14.765,2.685,2.0
13,12.752,20.134,16.107,7.383,0,12,2,96,0,0,0.667,0,0,2,9.333,2.667,0,4.667,10,0,0,0,0.667,0.667,
2.667,5.333,14,0,14,6,0,3.333,3.333,0,2,12.667,0.667,0,5.333,0.667,0,2.667,0,0.667,6,0,0.667,1.33
3,1.333,0.667,26,12,0,3.333,0,1.333,10.667,0,0,1.333,1.333,0,0.667,0,4.027,2.685,0,0,34.899,0,0,0
.671,0,16.779,6.667,2.703,3.378,12.838,5.405,1.351,25,1.351,10.135,82.432,2.721,0.685,9.589,0,2.0
69,0,5.479,6.164,2.083,2.83,0.794,0,5.442,8.904,1.37,3.425,27.397,3.425,2.74,5.479,3.425,11.644,5
.479, 4.138, 0, 0.69, 0.69, 0.69, 2.759, 4.138, 6.897, 10.959, 76.027, 0.69, 0, 0, 1.389, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 20.139, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 0.694, 0, 
94,0,9.091,0,4.196,6.294,9.091,7.692,12.587,0,0.699,4.895,0,3.497,4.861,5.556,2.069,6.897,3.448,2
.759, 0.69, 3.448, 0, 0, 0, 0, 0, 0.699, 0.699, 0, 1.399, 0, 0, 0.699, 1.399, 2.797, 0, 11.972, 0, 3.521, 3.521, 8.451, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699,
2.817,1.408,0,0,2.098,2.113,3.521,0,4.286,0.704,2.128,51.064,0,3.546,5.674,2.837,5.674,4.286,14.1
84,2.128,3.546,1.439,9.42,0,7.971,14.599,0.735,22.628,0,0,35.766,0,0,5.882,0.741,11.111,0,0,8.824
,0,0.735,4.444,2.222,0,0,0,3.704,2.222,6.667,5.926,1.471,5.147,1.481,0.741,0.746,0.752,0,3.817,4.
58,1.538,0.775,0,8.661,0,3.226,11.382,30.252,1.681,0,38.462,0.901,3.571,2.778,0.943,0,1.98,6.452,
3.488,17.857,39.286,0,10.448,3.636,0,6.061,0,13.636)
> x22 <- c(0,14.286,7.692,7.692,8.333,0,12.5,0,0,12.5,0,0,12.5,12.5,0,0,3.571,0,0,0,0,0,0,0,0,0
8.182, 15.385, 4.348, 3.704, 3.448, 10.526, 11.111, 5.769, 1.37, 9.302, 6.122, 3.67, 0, 0.877, 28.07, 0, 14.035, 28.182, 15.385, 16.385, 16.385, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.182, 18.
.632, 0, 2.632, 0.877, 0, 2.609, 0, 7.692, 2.564, 0.862, 0, 1.724, 0, 0, 0, 0, 0, 0.862, 0, 0, 0, 0, 0.855, 9.322, 0.842, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.862, 0.86
033, 3.279, 0, 0, 0, 0, 32.52, 1.626, 1.626, 0, 3.252, 0.813, 31.707, 2.439, 0, 2.439, 0, 0, 0, 0, 0, 0.806, 0, 4.724, 0.
787,0,6.25,16.406,1.562,3.906,3.906,10.156,16.406,1.55,6.25,5.426,20.93,0,0,0.775,7.752,0,0,3.101
,0,17.829,0.775,0,0,1.55,1.55,2.326,1.55,0,33.333,8.527,11.538,0,0,0,16.154,17.969,0,0.8,0,23.2,0
,0.769,62.791,4.132,6.299,0,15.267,6.107,8.8,5.691,5.932,8.85,7.273,9,11.25,10.769,2.521,3.39,54.
31,2.778,6.557,12.308,21.951,17.6,6.618,13.768,38.406,27.66,0.68,6.122,8.163,0,0,0,6.081,0.69,2.0
69,1.37,0.676,0.676,0,7.692,0,12.838,4.73,0.671,0,0.667,2,10.067,0.671,6,0,0.671,0,0,0,12.667,0.6
67,6,0.667,1.333,0.667,8,0,9.396,2.013,2.667,0.667,0.0.667,1.333,0,0,0,2,0.667,16,30,0,0,0,0,0,0,0,
87.333,0,60,0.667,0,0,0,0.671,0,14.094,2.013,0,0,0,0.671)
> x23 <- c(2.013,0.676,83.893,0,0,0,0,3.333,4.667,0,0,2,0,0,0,26,0.667,1.333,0.671,16.107,1.342,0</p>
,10.067,2,5.369,4.698,3.333,0,1.342,0,0,0.671,55.705,0,5.369,1.342,0,2,1.333,2,3.333,1.333,4.667,
0,8.667,0,20.667,24.667,0,1.333,0,0.667,0,3.333,0,4.667,0,2.667,0.667,0.667,1.333,0.667,14.094,2.
685,1.342,16.107,20.805,8.054,10.738,0,14.765,1.342,96.644,0.671,0.671,0,0,0,0.671,8.667,3.333,0,
5.333,6,0,0,0,0,2.013,4.698,2.013,14.765,0,10.738,2.013,0,1.351,3.356,0,2.685,8,1.333,0,4,0.671,0
,2.013,0,0,9.396,0,0.667,0,2,0.667,21.333,14,0.667,1.333,0,0,8,0,0,2.667,2.667,1.333,0.667,0,1.33
3,1.333,0,0,36,0,0.667,0,0,16,8,0.671,2.685,12.752,4.698,1.342,22.148,2.013,6.711,84.564,8.108,0,
7.432,0,1.37,0,0.68,5.442,4.762,3.077,1.538,1.361,0.68,4.762,1.361,2.041,27.891,1.361,3.401,7.483
,1.361,6.803,4.762,3.378,0.68,1.361,1.361,0.68,0.68,4.762,6.207,10.959,81.507,0.685,1.361,0,0,0,0
,0,17.007,0,0,0,10.274,0,4.795,5.479,8.276,10.274,12.329,1.37,0,3.425,0.685,0,5.479,1.37,0.685,10
.274,3.425,4.795,0,3.425,0,0.69,0,0,6.207,0.694,0,0,1.389,2.083,0,2.098,2.797,3.497,0,11.806,0,2.
083,2.083,4.861,0.694,1.399,0,0.699,2.098,2.098,2.797,0,4.225,0,2.128,53.521,0,2.817,6.383,4.286,
12.057,6.383,12.143,0.719,4.412,0.735,12.5,1.471,0.735,15.441,1.471,14.706,1.471,0.741,39.552,0.7
46,0,7.634,1.538,10.606,0,0,7.576,0,2.273,7.576,3.03,0,0,0,2.256,0.752,14.925,5.97,4.478,2.985,3.
008, 0, 1.527, 0.763, 0, 3.077, 4.615, 1.538, 2.362, 0, 7.143, 0, 1.653, 17.094, 32.479)
> x24 <- c(3.448,1.739,47.748,0.909,3.704,0.917,2.83,0.98,4.167,5.435,1.124,14.458,28.571,1.316,1</p>
3.043,5.882,0,10.714,0,5.556,0,0,0,0,0,16.667,0,0,50,0,0,0,0,0,0,10,0,0,100,66.667,0,0,0,0,0,0,
,18.75,0,23.529,5.882,0,12.5,0,62.5,0,10,45.455,0,7.692,7.143,16.667,30.435,19.231,10.345,12.121,
2.5,18.182,8.163,13.208,3.39,5.556,5.376,2.804,0,0,29.204,0,11.504,1.77,0,7.08,0,0,2.655,0,1.77,3
.54,0,0,7.018,2.609,0,0,0,0,0.87,0,0,0,0,0.87,7.759,0,0,1.709,0,0.84,0,0.833,0,0,0,2.5,0,5,4.
167,4.959,0.82,0.82,13.934,5.738,0,0.82,0,0.82,0,0,0.82,0,26.23,4.098,0,0,0,0,40.984,0.82,2.459,0
.82,0,0,40.984,3.279,0,3.39,4.098,0,1.639,0,0,0,2.419,0,3.226,0,0,4.839,14.516,3.226,2.419,4.032,
8.871,12.097,0,8.333,8.065,19.355,1.613,0,3.226,12.097,0,0,6.452,0,20.968,1.613,0,0,0.806,0,2.4,3
.937,0,27.559,8.661,9.302,0,0.775,0,17.6,20.93,0,4.651,0.775,20.8,0,0,71.429,2.362,4.615,0.775,10
.078, 9.302, 9.302, 10.853, 3, 8.824, 4.902, 11.475, 8.511, 21.875, 7.407, 17.037, 15.441, 11.189, 8.904, 39.456
,26.351,1.342,4.698,10.738,0.667,0,0,8.667,0,2.685,0.671,0,0,0.667,11.429,0,14.667,3.333,0,0,2.05
5,0.667,6.667,1.333,10.667,0,0,0.667,0.667,0,11.333,0.667,5.333,0.667,2.667,0,4.667,0)
> x25 <- c(7.333,2.667,2,0.667,0,2,2,0,0,0,0,0,0.667,16,36.667,0,0,0,0,0,0,0,87.248,0.671,63.758,0,0,</p>
2.013,0,14.094,0.671,0,10.667,2,8,3.333,1.333,0.671,0.671,0,0,0.671,45.638,0,2.685,0,0,2.013,0.67
```

R Console Page 5

```
1,1.333,3.333,1.333,6,0,6.711,0,24.161,26.846,0,0,0,0,0.671,2.685,0,6.757,1.361,0,2.041,0.68,0.68
,0,15.436,0.671,3.356,16.107,18.792,11.409,10.067,0,14.765,0.671,93.289,0,0,0.667,0,0,1.333,8,4,0
,7.333,5.333,0,0,0,0,0,1.333,1.333,9.333,0,8,2.667,0,2.667,7.333,0,0,13.333,4,0,0,6.711,0.671,0,0
,0,1.342,9.396,0,0.671,1.342,0.671,2.685,23.49,18.243,0.676,3.378,0,0,10.811,0,0,2,1.333,0.667,0,
0, 0.667, 1.333, 0, 0.671, 34.228, 0, 0, 0, 0, 20.805, 6.711, 0, 2.013, 15.333, 4, 1.333, 21.333, 0, 12, 83.893, 4.698
,0,11.409,0,0.676,0,2.041,5.072,2.703,0.826,0,3.008,1.351,1.351,8.784,0.676,4.054,29.054,0.676,1.
351,6.711,0.671,4.73,8.784,3.378,0,0.676,2.027,0,1.351,2.703,7.432,12.838,87.075,0.685,0,0,0,0.
68,0,14.966,0,0,0,7.483,0,6.122,9.524,8.219,10.204,10.884,0,2.041,5.442,3.401,2.041,0,4.11,1.37,1
1.034,2.069,4.828,0,2.759,0,1.379,0.69,0,4.828,2.778,0,0,0.699,2.098,0,0.704,2.113,2.113,0.699,9.
722,0,2.083,2.083,5.556,1.399,0.699,0,0,1.399,2.098,7.692,0,4.225,0.704,3.497,52.083,0,4.828,5.55
6,2.083,9.028,4.861,13.194,2.083,4.895,2.098,11.972,1.418,4.255,13.475,2.837,23.944,2.113,2.128)
> x26 <- c(31.915,0.709,0,4.965,1.418,19.149,0,0.709,10.638,0,2.817,7.042,2.098,0.699,0,0,4.895,1</p>
.399, 9.091, 4.93, 7.857, 2.878, 2.878, 0.719, 0, 0.725, 0, 3.65, 3.704, 0, 3.846, 0, 5.385, 0.769, 2.362, 15.702, 2
8.099, 4.098, 0, 45.378, 0.855, 2.609, 0.87, 0.917, 0.926, 1.923, 5.051, 2.083, 8.696, 32.955, 0, 9.231, 11.628, 1
3.793,26.087,0,0,0,0,0,20,0,0,0,0,0,0,0,8.333,9.091,0,42.857,0,0,0,18.182,0,0,0,0,0,0,3.704,3.571,0
 ,1.695,0,0,3.39,0,0,0,0,0,0,3.39,0,0,0,0,0,0,0,0,0,0,90.476,17.188,1.538,0,0,0,1.429,0,40,0,0,1.5
15, 25. 758, 28. 788, 0, 0, 1.515, 1.562, 12.5, 20.635, 28.125, 7.937, 11.111, 7.143, 30.909, 5.357, 11.667, 18.644
,7.692,24.444,31.818,2.041,10.204,4.651,7.143,26.19,2,5.263,24.561,9.091,7.576,9.231,1.538,4.545,
2.985,0,0,1.562,3.125,50,58.73,0,22.581,17.544,1.786,3.509,12.5,6.25,22.222,12.727,16.667,11.321,
4.255,0,8,0,11.321,55.172,3.509,6.897,21.429,23.333,36.508,11.111,7.692,5.333,18.919,27.027,23.18
8,18.571,14.085,17.073,12.048,9.091,4.494,3.371,7.865,3.371,3.371,2.247,8.989,1.064,11.881,1.887,
8.85,0,0,11.719,8.759,0.69,6.849,0,0,0,0,0.685,0.68,0,0,10.884,0,0,0.68,0,18.367,0.68,0,0.68,6.12
2,0,13.605,0,65.306,2.041,1.361,1.361,0,0,6.081,2.027,0,0,0.676,13.514,0,5.405,12.081,3.356,0,0.6
67,0,0.667,82.667,4.667,3.333,0,0,0,0.667,4.667,30.667,0,20.667,13.333,0,0,0.667,0,0,4.667,0,0,0,
2,0,0,0,0,8,3.333,27.333,0.671,0,0.676,0,0.676,0,0,4.027,1.342,0,52.703,0,0,3.401,0.676,0,2.685,2
,0,0,0,2.667,0,0.667)
> x27 <- c(2,0.667,0,0,0.671,0,0,0,2,0,0,2,0,0,0,0.667,4,0,0.667,0,2,0,0,20,5.333,0,0,0,1.333,0,0</p>
.667,2,0,4,0,0.667,2.013,0,1.342,0.667,0.667,0,4.667,8,2.667,1.342,1.361,6.803,2.679,4.348,7.353,
2.027,8.725,4.73,10.811,0.671,2.013,61.074,4.698,0,6.04,34.228,0,0,8.784,0,0.671,0,1.351,0,0.671,
4.027, 0.671, 0, 1.342, 0, 28.188, 5.369, 4.027, 11.333, 4, 4.667, 0, 0, 2, 0, 0, 4.667, 60.667, 0.667, 4.667, 4.667, 4.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667, 60.667,
0, 0, 1.333, 4.667, 68, 0, 8, 8, 4, 1.333, 0, 1.333, 2, 0, 10.067, 9.524, 0.68, 0, 0.68, 1.361, 0.676, 0.676, 0.676, 0, 0.676, 0, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.6
, 0.676, 2.041, 64.626, 0, 2.041, 26.531, 0, 1.361, 0, 0.68, 0.685, 2.74, 0, 0, 0, 0, 0, 2.055, 2.027, 0.676, 2.703, 0, 0.676, 2.703, 0, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.6
0.68, 1.361, 2.041, 0.68, 1.351, 5.405, 2.027, 3.378, 0.676, 4.73, 0, 0.676, 1.351, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 1.37, 5.405, 2.027, 31.757, 16.438, 2.027, 31.757, 16.438, 2.027, 31.757, 2.027, 31.757, 2.027, 31.757, 2.027, 31.757, 2.027, 31.757, 2.027, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 31.757, 
.479,0,0,0,0,3.448,0.69,3.448,0,0.685,0.685,0,1.37,0,2.041,0.68,0,28.276,1.37,0,0,0.685,20.548,
0,0,3.425,0,0,0,8.904,1.37,0,25.352,1.37,0,0,0,8.219,0,0,0.685,0,2.069,0.69,7.586,0.69,0,0,0,0,0,0,0
0,0,0,0,0.69,18.75,0,0,11.888,0,0.699,1.399,17.483,0,0.699,0,13.986,4.196,0,0.699,11.888,4.196,3.
497,0,1.399,9.155,2.797,0,0,2.098,0,2.797,2.098,2.098,1.399,0,2.878,0,1.681,0.909,15.741,1.887,
0.943, 0.952, 0.971, 4.124, 3.226, 0, 1.205, 2.817, 4.286, 1.515, 3.279, 6.78, 1.754, 3.509, 45.614, 14.815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 14.8815, 
15,3.704,40.385,38,4.444,6.977,15.385,14.286,0,5.128,0,2.381,2.381,11.905,0,4.762,0,0,2.703,0,12.
903,11.111,0,0,0,0,0,0,0,0,0,6.061,0)
> x28 <- c(0,5.882,0,0,0,3.077,0,0,1.471,0,0,1.449,0,1.449,0,0,1.471,1.471,2.941,0,2.941,0,0,0,0,0</p>
0, 1.429, 0, 0, 90.141, 11.268, 2.778, 0, 0, 0, 0, 0, 28.205, 0, 1.299, 0, 15.584, 18.667, 0, 2.667, 0, 12.162, 8.108, 12.162, 18.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.162, 19.16
2.329,20.548,5.479,13.889,5.556,22.222,12.069,5.66,10.256,20,11.321,25.49,5.714,20,12.676,8.451,2
.778, 15.094, 8.621, 12.903, 19.355, 1.562, 3.125, 1.562, 0, 4.688, 1.37, 2.74, 35.616, 54.054, 1.282, 15.584, 29.68, 1.39, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 
.487,7.692,2.564,10.526,27.027,16.176,13.462,21.429,7.547,3.704,27.778,7.692,25.373,26.562,36.923
,12.698,9.375,3.125,16.176,25.974,14.286,16.471,9.412,15.116,13.953,2.273,3.297,4.211,6.25,4.211,
3.093,1.942,11.111,1.802,3.448,1.709,1.695,0,0,7.639,6.164,0.68,6.803,0,0.68,0,0,0.68,0.68,0,0,13
.605, 0.68, 0, 0.68, 0, 23.81, 0.68, 0, 0, 4.082, 0, 12.925, 0, 63.265, 1.361, 1.37, 0.69, 0, 0, 6.897, 2.069, 1.379, 0
,0.69,8.163,0,5.479,14.384,0.685,0.685,1.37,0.685,1.37,84.459,3.356,6.04,0,0.671,0,0,5.369,22.819
,0,16.779,14.765,0.671,0,1.342,0.671,0,6.04,0,0,0,0,0,0.671,0,0,12.081,2.703,31.081,0.671,0,0,0,0
0,0.676,1.351,2.703,0.57.432,0.676,0.2.027,1.351,0.2.013,2.013,0.0,0.2.667,0.0.1.333,0.671,0.671
0,0,0,0,0.671,0.671,1.342,0,0,2,0,0,0,2.667,2,0,1.333,0,1.333,0,0,16.667,3.333,0,0,0,4.667,0,1.333
,3.333,0,4,0,0,0.671,0.671,2.013,2.74,0,0,6.25,4.167,1.389,0.699,0,7.143,1.869,2.817,6.338,0,3.47
2,1.342,8.725,1.342,4.698,60.403,5.405,0.667,8.054,38.255,0.667,0,7.383,0,0.671,0,0,0.671,0.676,4
.027, 0.671, 0.671, 0.676, 0, 34.014, 8.108, 2.703, 8.054, 2.013, 1.342, 0)
> x29 <- c(0,4.054,0,0,2.685,58.389,0,3.356,7.383,0,0,1.342,5.369,69.128,0,8,8.667,8.725,1.342,0,</p>
0.671, 1.333, 0, 8.108, 12.162, 0, 0, 1.351, 2.685, 0.671, 0.671, 2.013, 0, 0, 1.342, 1.351, 66.216, 0.676, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.685, 2.68
7.027, 0, 2.685, 0, 1.342, 2.013, 0, 0, 0, 0, 0, 0, 4.027, 2.703, 1.351, 0.676, 0, 0.68, 4.082, 1.361, 3.401, 1.361, 2.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.
721,1.361,3.401,0,7.483,0,0,1.361,2.055,32.877,12.329,0,6.849,0.685,0,1.379,0.694,0,2.817,2.113,4
.225,0,0,0.699,0,0,0,1.37,1.37,0,29.167,2.083,0.694,0,0,25,0,0,3.472,0,0.694,0,7.639,0.704,0,18.0
56,0,0.694,0,0,4.861,0,0,2.778,0,1.389,0,3.472,1.389,0,0,0.694,0,0,0.69,0.69,0.69,0,1.389,16.667,0,0
,11.348,0.709,0.709,1.418,12.766,1.418,0,0,12.057,4.965,2.128,0.709,14.184,1.418,4.255,0,3.546,4.
286,2.857,0,1.429,0,2.143,0,0.714,1.439,1.439,2.174,0,0,0,1.01,2.041,12.245,2.105,0,1.053,0,3.261
,2.381,2.532,1.282,7.143,1.389,5.714,1.471,1.587,4.839,6.557,0,45.763,3.39,33.333,0,59.574,8.511,
0,0,50,0,0,14.286,0,11.765,0,4.762,3.704,2.941,0,1.887,1.786,0,6.349,1.587,0,1.515,4.545,2.985,5.
97,0,0,2.985,0,0,0,1.493,0,0,0,0,0,2.899,0,0,66.667,11.594,0,1.429,0,0,0,0,12.857,0,1.429,0,24.28
6,11.765,0,1.449,0,8.571,10,8.451,11.268,8.955,4.545,7.812,35.556,15.686,5.882,14.286,42.857,12.5
,75,16.667,14.706,0,15.909,42.222,15.789,19.149,2.174,0,5.128,0,3.571,12.069)
> x210 < -c(3.39, 4.615, 24.638, 48.276, 9.091, 13.333, 12.857, 28.571, 22.535, 16.901, 16.667, 17.582, 7.447
```

R Console Page 6

```
,6.383,3.093,3.061,9.375,0,0,12.745,1.923,4.673,7.826,5.344,1.379,0,7.333,5.333,0,9.333,0,0.667,0
,0,0.667,0.667,0,0,14,0.671,0,1.342,0,18.121,0,0,0,4,0,16.667,0,59.333,0.667,0,0,0,5.405,0,0,0,
2.013,14.094,0,0.671,12.838,0,0,1.351,3.356,1.342,92,3.333,5.369,0,0,0,0,2.667,26.667,0,28,15.333
,0,0,1.333,0,0,6.667,0,0,0,0,0,0,0,0,4,2,39.333,0,0,0,0,0,0.671,0,2,3.333,0,64,0,0,2.667,0,0,6,0,
0,0,2.667,0,0,0.667,0,2.667,0,0,0,0,2.667,0,0.667,10,3.333,0.667,0,0.671,8.054,0.847,7.273,2.63
2,5.128,3.704,10.667,0.667,1.333,6.04,2.685,9.396,1.342,4.698,63.758,3.333,0.667,2.667,40,0,0.676
, 8.784, 0, 0, 0, 0, 0, 1.333, 2.667, 0, 0, 1.333, 0, 34.667, 10, 0.667, 2.667, 4, 0.667, 0, 0, 1.333, 0, 0, 0, 64.667, 0, 4.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1.667, 0, 1
,6.667,0,0,1.333,3.333,74.667,0,9.333,9.333,5.333,0.667,0,0,2.0,2.667,14,0,0,0,0.667,2,0,0.667,0,
0,0,1.333,60.667,0,2.667,36.242,0,5.369,0,0.671,0.671,1.342,0,0.676,0,1.754,3.509,0,0.68,6.081,
1.361,0.68,0,0,4.082,0.68,0.68,0.68,4.082,0,0.685,0,9.459,0,0,0.676,2.721,31.973,7.483,1.361,2.72
1,0.68,0,1.361,0,0.68,1.361,0,3.378,0,0,0.676,0,0.671)
> x211 < -c(0,0.671,2.013,0,37.162,1.342,0,0.671,0,32.886,0,0,0,0,0,0,7.383,0,0,16.107,0,0,0,5.
369,0,0,0,0,1.342,0,0.671,0,0,0,0.676,0,0,0.676,0,0,0,0.685,17.123,0,0,13.793,0,0,2.759,10.345,0,
0,0,16.552,3.448,0,0.69,15.172,2.069,2.069,0,0,8.276,2.069,0,1.379,0,2.069,0,0.69,0.69,1.379,0.69
,0,0.69,0.699,0,2.703,1.493,0,6.897,1.724,0,1.818,1.961,0,2.083,3.922,1.961,0,0,4.082,0,2.128,0,1
3.043,0,0,0,2.222,80,0,14.286,0,0,0,0,5.556,0,0,0,9.091,0,0,6.667,0,11.111,0,14.286,0,0,0,0,0,0,0
,0,0,0,0,16.667,0,0,0,80,0,0,10,0,0,9.091,0,0,0,0,11.765,0,0,0,12.5,3.571,3.125,0,0,9.756,4.545,0
,5.769,13.793,20.968,3.125,27.692,2.817,8.219,2.299,0,42.975,2.344,3.788,0,5.797,0.714,71.831,0,2
,0,3.333,0,0,0,0,18.667,1.333,85.333,4,4.667,0,0,0,0,1.333,0,0,0,6.667,2,0,0.667,17.333,0,0,1.3
33,0,0,2,0,0,9.333,2.667,2,0,3.333,0,0,6,0,6,14,0,1.333,2,23.49,25.503,0.671,16.107,4.027,49.664,
0,0.667,0,0,5.333,0,0,0.667,0.667,0.685,0.671,4.667,24.667,12.667,0,8.667,19.333,0.667,0,0,2,3.33
3,0,4,3.333,0,0,0,0,0.667,1.333,0.667,1.333,2.667,97.333,0,5.333,2.667,6.667,1.333,11.333,3.333,1
.333,8.667,0,0,2.667,1.333)
> x212 < -c(0,0.667,76.667,16,1.333,0,8.667,0,0,44,0,32.667,0,0,0,0,6,1.333,0,0,18.667,0,0,1.33
3,0,0,3.333,5.333,0,0,0,14,9.333,0.667,0,0,12.667,0.667,0,2,2,2.667,0.667,0,13.333,3.333,0.667,2,
18,1.333,0.667,0.667,0,2,7.333,3.333,2,1.333,8.392,6.122,6,11.333,3.333,3.333,0,2.667,9.333,0,1.3
33,24.667,1.333,0,2,1.333,3.333,0,15.333,4,0.667,13.333,3.333,4.667,22,20.667,2,2,8,0.667,0,0,0,0
.671, 1.342, 90.604, 0, 0.671, 0.671, 0, 0.671, 7.595, 1.342, 11.333, 0, 0.667, 0.671, 11.409, 10.738, 4.698, 0.667, 0.671, 1.409, 10.738, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 10.668, 1
7,0,0,0,0,0,0.667,0,0,0.667,0.667,16,0,8.667,0,22.667,0.667,0.667,0,0,0,0,19.333,0.667,2.667,2.
703,1.342,2.013,16.779,0.676,0,2.703,0.676,16.892,4.73,9.459,0,4.73,2.685,4,48,8.667,4.667,1.333,
1.333, 1.333, 0.667, 0, 0, 0, 1.333, 0.667, 0, 0, 1.333, 2.013, 1.351, 19.595, 9.459, 0.676, 2.041, 2.041, 12.925, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.66
.68, 2.721, 0, 0, 2.041, 0, 2.721, 0, 1.361, 1.351, 3.378, 0, 1.361, 26.351, 0.676, 2.027, 0, 54.054, 0.676, 14.189,
2.027,0,0.676,19.595,18.919,2.027,0.676,0.676,0,0,0,0.676,0,3.378,2.027,2.027,91.216,0,0,0,0,0,0,0
.37,0,0,2.055,10.274,17.123,29.452,2.083,3.497,0,1.399,2.817,8.511,0.709,9.353,2.985,1.562,2.381,
3.2,12.8,5.6,7.258,0,0.82,7.759,5.405,0.935,2,7.447,2.174,5.814,2.439,0,1.538,0,1.961,3.846,2.128
,15.385,9.434,3.509,74.074,0,1.818,0,5.357,57.407,11.765,0,0,0,0,0,100)
> x2 < -c(x20,x21,x22,x23,x24,x25,x26,x27,x28,x29,x210,x211,x212) #After
> wilcox.test(x2, x1, alternative = "two.sided", mu = 0, paired = TRUE, exact = FALSE, correct =
TRUE)
```

Wilcoxon signed rank test with continuity correction

data: x2 and x1 V = 1707692, p-value < 2.2e-16 alternative hypothesis: true location shift is not equal to 0