Page 1

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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)
```

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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.

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[Previously saved workspace restored]
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08, 17.568, 0, 14.384, 6.803, 0, 2.721, 23.81, 4.615, 1.538, 2.041, 0, 4.762, 38.776, 25.85, 15.646, 49.66, 8.163, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.646, 1.64
15.646,2.041,13.605,17.007,10.811,3.401,61.905,42.177,0.68,70.748,11.565,9.655,6.849,0.685,0,0,0,0
9.524,0,10.884,24.49,2.721,85.034,19.863,0,0.685,0,0,0,0,7.534,0.685,52.74,62.329,11.644,24.658,0
.685, 16.438, 25.342, 0, 11.644, 8.219, 1.37, 4.795, 0, 0, 5.517, 0, 0, 6.897, 0, 1.389, 18.75, 4.861, 2.083, 0, 6.29, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 1.389, 
4,0.699,6.294,0,27.778,0,0.694,1.389,5.556,4.861,25.175,7.692,2.797,1.399,17.483,4.196,2.797,11.9
72,7.042,19.149,0,0,25.352,25.532,37.857,29.078,3.546,6.429,34.532,16.912,6.618,2.206,44.853,9.55
9,1.471,0.735,0.735,1.471,47.407,1.493,9.701,0.746,0,3.846,2.273,0.752,0,3.03,0,0,5.303,2.273,43.
939,0,2.256,24.06,30.827,5.224,42.537,9.701,0,18.797,31.061,9.16,6.87,1.538,25.385,3.077,3.077,20
.472,0.787,1.587,38.71,19.835,4.274,8.547)
> x4 <- c(0.862,0.87,0,40.909,9.259,0,0,40.196,5.208,10.87,33.708,20.482,1.299,0,2.899,3.922,2.32</p>
6,25,4.762,27.778,6.667,0,0,0,0,0,0,0,0,20,0,75,0,0,0,80,33.333,0,0,0,0,0,0,100,0,0,0,0,0,66.667,0,
0,0,0,0,12.5,0,10,9.091,18.182,0,21.429,0,4.348,7.692,0,21.212,2.5,2.273,4.082,7.547,3.39,8.333,4
.301,0.935,0.885,0,1.77,0,0,0,0,23.009,0,0,52.212,76.106,0,3.54,7.965,0,4.386,4.348,0,0,95.652,0,
0,7.018,0,0,0,0,0,75.862,0,3.448,0,0.847,0,0.84,0,0,0,85.124,6.667,0,0,30,40,6.612,71.311,18.852,
22.131,4.918,0,14.754,0,57.377,9.836,18.852,55.738,0,41.803,3.279,62.295,0.82,0,0.82,5.738,0.82,9
,19.355,7.258,0.806,21.774,16.935,20.833,4.839,8.871,0,0.806,0,2.419,13.71,26.613,0,8.871,0,58.06
5,12.903,0,72.581,3.226,0.8,0,7.087,0,0,0.775,86.822,0.775,0.775,3.2,3.101,0.775,2.326,0,0,0,0.79
4,0,0.787,10,0.775,10.078,2.326,9.302,9.302,1,5.882,1.961,8.197,10.638,4.688,7.407,12.593,11.029,
5.594,10.274,2.041,1.351,0.671,0,3.356,5.333,1.333,2.013,2.667,2.013,0.671,6.04,95.302,0,22,0,6.0
61,0.667,0.667,0,32.667,0,0.667,35.333,0,6.667,10.667,0.667,3.333,0,88,12,68,2.667,90,55.333,44.6
67,0,0.667)
> x5 <- c(15.333,28.667,8.667,0,28,0,36.667,5.333,0,0,2,0,0,2.667,0,0.667,0.671,2.027,0,1.351,6.0</p>
4,0,17.45,8.725,0,0,18.919,10.811,83.784,24.324,1.351,92.568,77.703,2.685,0,0,28,8,97.333,0,0,0,1
6.667,1.333,0,14,22.667,0,6.04,55.705,0.671,0,0.671,16.107,2.013,4.027,91.275,27.333,0.667,6.667,
0.667, 0.667, 0, 10.067, 0, 0, 0.671, 4.027, 0, 0.671, 8.054, 0, 0, 55.705, 0, 9.333, 0, 18.667, 0, 0, 71.141, 18.121, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 
0, 50.336, 0, 0, 0, 0, 0, 2.027, 0, 0, 0, 1.361, 12.245, 2.041, 0, 0, 37.584, 11.409, 27.517, 0, 27.517, 30.201, 0, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.67, 0.
1,20.805,0,0,17.333,26,0,0,6.667,0,0,0,0,0,80,0,0,13.333,0,0.667,3.333,21.333,0,14.667,0.667,0.66
7,0,0.667,3.333,0.667,1.333,0,0,0.671,0,95.973,4.027,0.671,6.711,2.013,0.671,0,0,0,32.215,3.356
,17.568,43.243,0.676,25.676,0,0,55.705,0,0,4,62,0.667,0,33.333,0.667,71.812,37.584,20.134,91.275,
0,67.114,0,0,4.027,0,0,11.333,23.333,0,0.667,24,3.333,0,0.671,34.228,17.45,0,11.486,3.401,0.68,2.
174,22.297,42.149,3.008,0,2.027,0.676,4.054,42.568,27.027,14.865,52.703,8.108,17.45,2.013,16.892,
13.514,11.486,0,57.432,42.568,0.676,74.324,14.189,18.919,7.432,1.361,0,0,0,11.565,0.68,13.605,30.
612,2.041,87.755,26.531,0,1.361,0,0.68,0,4.762,0.68,55.782,60.544,12.245,25.85,0.68,24.658,20.5
48,0.685,8.276,10.345,0,7.586,0,0.69,6.207,0,0,11.034,1.389,0.694,14.685,8.392,4.895,0,5.634,0.70
4,3.521,0,35.417,0,0.694,0,5.556,4.895,23.776,10.49,3.497,2.098,14.685,2.098,1.399,16.901,9.155,1
8.182,0,1.389,22.759,24.306,36.806,40.972,5.556,9.722,31.25,16.783,6.294,0.704,48.936,9.22,3.546,
3.546,0,0.704,51.064)
> x6 <- c(0.709,9.929,1.418,0,2.128,2.837,2.143,1.418,4.965,0.704,0.704,3.521,6.294,39.161,0,3.49</p>
7,23.077,34.266,2.797,41.549,10,0.719,15.108,38.129,14.493,0.725,2.19,32.117,1.481,0,24.615,4.615
,3.077,36.923,23.622,4.132,4.959,0,0,0,44.444,10.435,0,0,44.444,12.5,11.111,29.167,14.13,0,0,4.61
5,0,0,21.739,0,14.286,0,0,0,0,0,66.667,0,0,20,0,63.636,0,0,14.286,75,0,0,5,4.545,3.226,20,96,0,
0,0,0,0,0,0,0,93.22,0,94.915,13.559,0,0,0,6.78,0,96.61,88.333,91.667,0,0,0,96.721,83.607,1.587,1.
562,1.538,1.449,0,0,5.714,0,0,1.515,95.455,0,0,13.636,3.03,1.515,1.515,0,0,1.587,23.438,1.587,11.
111,5.357,9.091,0,8.333,3.39,0,8.889,0,16.327,4.082,0,35.714,0,6,1.754,0,12.121,3.03,4.615,13.846
,12.121,0,30.508,1.562,1.562,0,3.125,3.175,1.587,1.613,14.035,8.929,0,0,6.25,0,1.818,0,7.547,14.8
94,17.021,4,1.961,7.547,8.621,5.263,3.448,0,5,7.937,14.286,6.154,2.667,1.351,1.351,4.348,5.714,8.
451,1.22,4.819,2.273,2.247,2.247,1.124,28.09,4.494,0,0,2.128,2.97,81.132,16.814,0,0.806,0.781,3.6
5,0,6.849,0,47.26,82.192,14.384,0,0,0,0,36.735,14.286,0,89.116,45.578,3.401,0,2.041,13.605,0,0,13
.605, 74.15, 0, 0.68, 0, 2.041, 0, 0, 0, 15.541, 1.351, 22.973, 12.838, 8.784, 0, 27.027, 6.04, 3.356, 18, 9.333, 47.
333,0.667,0,26,10.667,0.667,0.667,4.667,0,0,0,1.333,3.333,36,98.667,12.667,21.333,0,0.667,0,81.33
3,0,0,12,0,0,0,1.333,1.333,0.667,0,0,0,44.595,0,18.919,62.162,0,0,2.685,0.676,1.351,0,0,1.361,0,0
,0,0,0.667,26,0.667,5.333,0,86.667)
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> x8 < -c(35.897,0,9.434,76.667,0,0,1.471,0,0,1.449,0,0,88.406,2.899,92.754,11.594,1.471,0,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0,14.79,0
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27,36.242,95.973,14.765,24.161,0,0.671,0,79.195,0,0,15.436,0,0,0.671,2.685,1.342,0,0,0,0,41.216,0
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8.725,0,28.188)
> x9 <- c(0.676,2.703,87.838,0.671,0,0,67.785,0,24.161,0,8.725,10.067,0,0.671,4.698,0,0,0,0,3.356
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> x10 <- c(1.695, 4.615, 0, 1.724, 5.455, 3.333, 2.857, 4.286, 1.408, 11.268, 6.944, 2.198, 4.255, 5.319, 6.186</p>
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2.667,0,0,90,0,0,0,3.333,0,0,60.667,26.667,0,0,0,54.667,0,0,3.356,78.523,1.342,2.013,3.356,0.671,
0,0,33.333,0,0,76.871,2.041,0,36.054,25.85,0,44.898,6.803,27.211,2.041,0,15.646,0,43.151,36.986,2
.703, 6.081, 0, 30.405, 0, 0, 0, 1.361, 2.721, 2.721, 93.197, 1.361, 9.524, 0, 23.129, 2.027, 1.351, 50.676, 0, 2.027, 1.361, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066, 0, 1.066
7,0,3.356)
> x11 <- c(0,35.57,0,0,0.676,0,36.913,39.597,0,10.067,50.336,0,2.013,97.315,0,0,40.94,0,0,0,0,1.3</p>
42,0,0,0,0.671,0,0,1.342,0,0,0.671,0,8.725,0,30.405,0,0,0,31.757,0,0,4.11,15.753,0,0,2.759,21.379
,1.379,0,2.759,17.931,0,0,3.448,0,77.931,15.862,13.793,9.655,0.69,0,26.207,12.414,1.379,25.517,60
,0.69,0.69,0,62.759,43.448,22.759,25.517,100,0,0,1.739,0,13.433,15.254,0,0,1.786,0,0,0,0,3.922,
86,48,0,0,0,0,2.174,0,46.667,0,0,0,0,2.381,30.952,0,0,0,6.452,7.407,0,0,0,20,6.667,15.385,0,14.
286,0,0,0,0,0,0,0,12.5,0,0,0,16.667,0,0,0,0,0,0,0,0,0,9.091,0,0,18.75,6.25,0,0,0,9.091,0,0,0,0,0,0,0
0, 0, 4.545, 0, 0, 6.897, 4.839, 0, 0, 2.817, 0, 1.149, 43.269, 0, 0.781, 0.758, 0, 15.217, 50.714, 2.113, 76.224, 9.78, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781, 0.781
9,1.399,22.222,0,18.621,8.219,0,20.548,2.74,0,0,6.164,0.685,2.055,0,27.397,53.061,0,0,0.676,0,0,2
.027, 0.671, 0, 5.333, 4, 0, 0, 9.333, 0, 0, 0, 2.667, 0, 0, 56, 0.667, 0, 0, 0.667, 0.667, 0, 69.333, 0, 0.667, 34, 46, 0.
667,0,46.667,21.333,26.667,0,0,7.333,54.667,0,4.667,8,0,2.667,0,8,24,22.667,9.333,0.667,0,31.333,
,0.667,61.333,0,6.667,36,6.667,0,0,9.333,2,0,35.333,0,0,0,0.667,0.667,22,0,0,0.667,0.667,0.667,9.
333,32,0.667,0,0.667,0,0,0,0)
> x12 <- c(2,0,0,0.667,40.667,0,4,88.667,0,3.333,0.667,1.333,0,85.333,0,75.333,0.667,46,0,0,3.333</p>
,31.333,0,0,16.667,86.667,0,0,18,0.667,0.667,0,0,34.667,0,0,13.333,15.333,73.333,0,2,22.667,46,57
.333,51.333,9.333,2,6.667,42,0.667,8,8,22.667,89.333,0,0.667,1.333,0,0,3.497,0,1.333,0.667,0.667,
1.333,10,22.667,0,72,56,4,28,1.333,2,0.667,22.667,51.333,14,2,34,4,2,3.333,0,37.333,0,4,0,38.667,
0,1.333,90,0.671,0.671,79.866,0,44.295,0,52.349,30.38,2.013,0.667,6,1.333,87.919,0.671,0.671,1.
342,10.667,20.667,0,82.667,8,3.333,70.667,24,40.667,0,44,14,0,0,44.667,2,0,0,54.667,20,0,22.667,4
9.333,2,0,0,9.459,4.698,2.013,21.477,1.351,1.408,8.108,34.459,23.649,8.108,16.216,0,14.189,38.926
,25.333,2,0,17.333,0,15.333,31.333,62.667,66,0,0.667,3.333,0,15.333,52,0.667,20.134,0,0.676,2.027
,87.162,2.041,59.864,26.531,11.565,46.259,0,93.878,0.68,37.415,21.769,0,26.531,0.676,30.405,0,21.
088, 4.054, 44.595, 10.135, 1.351, 2.027, 2.703, 2.027, 1.351, 12.838, 72.973, 0.676, 0.676, 0, 1.351, 0, 5.405, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676, 0.676,
,12.162,0,0,0,73.649,0,6.081,45.946,0,62.838,1.351,0,0,69.595,2.027,0,0,4.054,0,0,58.108,0,0,1.36
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1,16.438,0,0,2.055,44.521,0,0,17.808,74.658,10.274,0,1.37,32.877,0,0,0,3.425,0.685,0,4.795,9.028,
2.098, 0.699, 19.58, 38.732, 4.965, 51.064, 41.007, 5.224, 0, 30.952, 30.4, 29.6, 22.4, 32.258, 1.613, 16.393, 28
.448,24.324,0.935,1,6.383,0,0,0,0,0,0,29.412,7.692,4.255,3.846,28.302,0,0,2.273,0,0,0,0,1.961,91.
489,82.222,2.703,0,0,0)
> x < -c(x0,x1,x2,x3,x4,x5,x6,x7,x8,x9,x10,x11,x12)
.333,0,13.333,0,0,6.25,37.5,0,0,3.846,3.704,0,5.128,4.082,5.769,9.836,1.316,6.604,5.983,0.813,6.4
52,18.4,0,0,1.587,6.349,0,6.299,0,0,0,0,0,0,0,1.575,0,0,0,0,0,0,0,0,0,0,787,0,0,0,787,11.024,
0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0.787,0,0,0,0,0,0,0,0,0,0.787,0,0,0,0,0,100,0,0,6.299,16.535,0,1.562,0,
58,1.695,3.817,0,3.759,3.008,2.256,6.015,3.571,2.586,5.042,1.681,1.333,4.054,2.667,0,5.882,0,6.34
9,1.538,0.758,0,1.449,2.158,2.857,7.801,0,0,0,9.396,10.067,0,0,8.725,0.671,2.685,0,0.667,20.667,4
.667,17.857,0,0,2,0,0,0.667,2,0,0,1.333,0.667,11.333,1.333,15.333,0,0,0,0,0.671,0,0,0,0,0,0,0,0,0
,0,0.667,0,2,0,0,4.667,0.667,0,0,0,0,0,0,0,0,0.671,0.671,0,0,0,0.667,0,0,0,0,0,0.667,1.333,0,0,
3.333,0,0,0,0,0.667,8.667,0,0,6.04,0,0,0,4,0,15.333,0,2.703)
> y1 <- c(5.405,0,3.356,2.013,0,37.584,0,0,1.342,0,0,0.671,97.987,0,0,0,0,0,0,0,0,0,4,0,0.667,0,0</p>
.333,0,0,0,18.667,0,0,0,14.667,0,1.333,0,0.667,36,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,55.333,0,0.67
6,1.351,0.676,0.676,0,1.351,0,0,0,0,6.849,0,7.586,0,8.904,5.479,2.778,0.943,1.587,2.344,2.041,0.6
85,3.425,0,0,0,0.685,0,0,0,0,1.379,0,0,0,1.379,0,0,0.69,0,0,28.276,0.69,0,13.194,1.389,0,0,42.361
,0,0.694,0.694,2.098,0.694,0,0,0,0,0,0.699,0,0,4.196,0,0,7.586,0,0,0,0,0.69,0,0,0,0,4.895,5.5
94,0,0.699,3.497,0,0,8.392,4.196,0,1.408,0.704,0.704,6.338,0,0,0,0,0,2.098,0,0,0,1.429,0,0,0,0,0,0,
0,0,0,0,0,0,0,0,0.725,0.725,0,18.978,2.941,5.839,4.38,0,0,0,1.46,1.471,1.481,5.926,0,0.735,3.676,
0.735, 0.10.37, 0.741, 0.0, 0.741, 0.0, 0.741, 0.0, 0.741, 0.0, 0.0, 0.11.94, 0.0, 0.0, 0.0, 0.2.344, 4.724, 0.0, 7.317, 6.723, 5.723, 0.735, 0.735, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741, 0.741
.882,0,0,0,2.679,37.963,0,0,12.871,9.677,0,0,10.714,0,7.463,0,2.326,0,7.143,4.545)
> y2 <- c(5.556,0,30.769,7.692,0,0,0,62.5,0,37.5,0,37.5,0,0,0,0,14.286,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
,0,8.594,12.5,0,0,0.781,0,0,0,0,0,0,0,0,0.775,0,0,0.775,0,1.55,0,0,0,0,0,0,0,3.101,0,0,20.93,0.775,3.
846,2.308,0.769,0,10,2.344,0,1.6,1.562,0,0.775,0.769,0,1.653,3.937,0,2.29,0.763,0,7.317,6.78,1.77
,2.727,1,0,0,0.84,5.932,0,1.852,1.639,1.538,2.439,1.6,5.882,1.449,9.42,0,0,0,11.565,10.884,0.68,0
.685,6.757,2.069,4.828,0,0.676,22.297,6.757,34.615,7.692,0.676,0.676,0.671,0,2,4,0.671,0,2,0,10.0
,0,0,0,0,0.671)
> y3 <- c(0,0,2.013,1.342,0.667,0,0,0.667,6,0,0,4.667,0,0,0,8.667,0,14,0,2.685,1.342,0,4.698,2.66</p>
7,0,28.859,0,0,1.342,0,0,0,0.671,98.658,0,0,0,0,0,0,0,0,2.667,0,0,0,0,0,0,0,0,0,0,0,0.667,0,2.667,2
99,5.369,4.027,1.342,0,2.703,6.04,0,0.671,7.333,6.667,0,1.333,0.671,0,0,0,0.671,0,0,0,12.667,0,0,
0,12.667,0,2,0,0,28.667,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,52,0,0,0.671,2.685,0.671,0,1.342,0,0,0,
27,0.68,0,0,0,0,0,0,0,0,34.247,0,0,10.884,0,0,0.68,42.177,0,0,0,2.055,0,0,0,0,0.685,0,0.685,0,0,4
.11,0,0.685,0,11.644,0,0,0,0,1.37,0,0,0,0,6.944,4.861,0,1.389,6.944,0,0,8.392,4.196,0,0.694,0,3
.472,4.861,0.694,1.389,0.699,0,0,2.098,0,0,0,2.817,0,0,0,0,0,0,0,1.418,0,0,0,0,0,2.206,0,0,17.647
16,0,0,0,0,0,0,7.143,0,0,6.838,1.709)
> y4 <- c(4.31,0.87,0,0,3.704,33.945,0,0,11.458,3.261,1.124,0,10.39,0,5.797,1.961,2.326,3.571,14.</p>
286,0,6.667,0,18.182,0,0,0,0,50,0,25,0,33.333,0,0,0,0,0,0,0,0,0,0,0,0,0,66.667,0,33.333,0,0,0,0,0
,0,0,0,0,0,40,20,0,0,0,0,25,0,0,0,0,25,0,0,0,0,0,0,33.333,0,0,0,0,0,10,0,0,12.5,0,0,0,11.765,
0,0,0,0,0,0,0,0,7.692,0,5.556,0,0,0,6.061,10,4.545,4.082,1.887,15.254,2.778,8.602,8.411,0,1.77,25
.664, 0, 0, 0.885, 14.159, 0, 4.425, 0, 0, 0, 0, 0, 0, 0.877, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0.87, 0, 0, 0.862, 9.402, 0.84
4.839, 0, 0.806, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 19.685, 0, 7.752, 0.775, 0, 0, 5.6, 0, 0, 0.775, 4.651, 0.8, 0.787, 0.794, 1.688, 0.787, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.794, 0.79
1,0.787,4.615,0,3.101,0.775,0.775,3.876,4,4.902,5.882,3.279,1.064,1.562,3.704,2.222,3.676,3.497,2
.055,10.204,0,0,0,6.711,13.333,0,0,3.333,0.671,3.356,0,0,24,4.667,20,9.091,0,1.333,0,0,2.055,6,1.
333,0.667,2.667,0,9.333,0,16.667,0,0,0,0,0,0,0,0,0)
,2,0,0,3.333,2,0,0,0,2.667,8,0,0,4,0.671,0,0,8.725,0,12.081,0,2.685,4.698,0,4.667,2,0,37.333,0,0,
1.342,0,0,0,0,99.329,0,0,0,0,0,0,0,0,6.667,0,0.671,0.671,0,0,0,0,0,0,1.342,5.369,0,0.676,2.721,1.
361,0,1.361,2.721,1.342,0,0,0,0,0,0,0,0,0,0,0,0.667,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,12,6,33.333,3.3
33,1.333,0.667,0,2,8,0,0,4,4.667,0,0,671,0,0.671,0,0,4.027,0,0,0,10.738,0,0,0.671,6.757,0,0,0.6
76,0,37.162,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,49.664,0,0,3.333,2,2,0,2,0,0,0,0,5.369,0,5.405,0,0.
68,6.522,4.054,0,5.263,3.759,2.703,0.676,2.027,0,0,0,0,0,0.671,0,0,0,0,0,0,0,0,0,1.351,0,0,
21.918,0.68,0,10.204,0,0,0,48.98,0,0,0.68,0.68,0,0,0.68,0,0,0,1.361,0,0,2.721,0,0,0,10.959,0,0,0,
0, 0.69, 0, 0, 0, 0.69, 2.778, 7.639, 0.699, 0, 4.196, 0, 0, 8.451, 3.521, 0, 0.694, 2.083, 2.083, 4.861, 0.694, 0, 0
,0,0,2.098,0,0,0,0.704,0.704,0,0,0,0,0,1.389,0,0,0,0,1.408,0.709,0,20.567,0.709,8.451,1.408,0
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```
> v6 <- c(4.255,0,0.709,2.837,1.418,2.128,0,0,2.128,0,0,6.338,0,0,0.699,0,0,0,0.699,0,0,0,0,0,6.5
22,0,0,0,0,0,1.538,7.692,0,0,9.091,1.653,1.639,0.82,0,0,1.739,38.261,2.752,0,6.731,10.101,2.083
,0,2.273,0,6.154,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,14.286,0,0,0,0,9.091,5,22.727,12.903,0,2,22.6
3.03, 1.515, 1.515, 3.03, 1.515, 1.562, 3.125, 3.175, 0, 3.175, 3.704, 25, 3.636, 0, 18.333, 0, 1.923, 2.222, 2.273
,6.122,8.163,2.326,2.381,2.381,0,1.754,0,0,13.636,3.077,0,0,0,1.695,1.562,0,3.125,0,0,0,0,0,8.929
 899,2.857,1.408,8.537,1.205,5.682,0,1.124,3.371,5.618,30.337,1.124,3.371,6.383,1.98,0,0,9.917,0.8
06,0,0,11.724,0,0,0,0,0,0,0,0,0,0,0,99.32,0,0,0,0,0,0,0,0,0,0,0,0.68,0,0,0,0,8.784,0,0,0.676,0,0,
6.04,3.356,0,8.108,0,0.676,2.721,2.703,0,1.342,2,0,0.667,0,0,0.667,2)
0,65.333,0,0,0.667,0,53.02,0,2.721,0,0.87,12.5,8.108,8.725,4.054,17.568,4.027,1.342,0,0.671,0.676
,0.671,4.698,0,0,4.73,0,0.671,1.342,0,0,0,0,0,0,0.671,0,0,0,0,0,0,0,0,0,0,0,0,0.667,0,0,0.667,0,0,0
,0,0.667,24.667,0.667,0,4.667,0,4,10,0,62,19.333,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0.68,0,0,0,0,0.68,0,
0, 2.055, 5.479, 0, 0.68, 14.483, 0, 0, 0, 0, 0.676, 0, 0, 0, 0, 1.361, 0, 0.676, 0, 0.676, 0, 1.351, 0, 0, 2.027, 0, 4.0
54,0,0,0,16.438,0,0,0,685,0.69,0,0,0,0,0,0,0.685,0,0.68,0,0,0,0,0,0,0,0,0.685,0,0,2.055,0,0,0,2.0
55,1.37,0,0,0,0.685,0,0,0,0,0,0,0,8.966,11.724,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,12.587,0.6
99,0,0,0,1.399,5.594,0,0,0,0,0,0,0,0,0.699,0,0,0,0,0,0,0,0,0,0,1.471,0.84,0.909,0.926,16.038,2.
83,0,4.854,3.093,1.075,0,0,1.408,37.143,7.576,4.918,0,0,26.316,10.526,1.852,1.852,0,1.923,28,44.4
44,2.326,2.564,7.143,34.211,2.564,0,2.381,4.762,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,17.857,0,0,0)
> y8 <- c(7.692,11.765,0,0,22.222,9.231,0,1.471,25,4.348,1.449,2.899,0,1.449,0,0,0,0,0,0,0,0,0,0,0,0</p>
0,0,0,0,0,1.408,0,0,0,0,0,0,0,0,0,0,0,0,2.597,0,1.333,1.333,5.333,0,6.757,1.37,1.37,6.849,4.167,12.
5,9.722,0,11.321,2.564,0,0,9.804,12.857,0,5.634,8.451,0,3.774,0,22.581,1.613,0,1.562,1.562,0,0,2.
74,1.37,1.37,0,1.282,3.896,2.564,5.128,3.846,1.316,1.351,2.941,7.692,0,15.094,3.704,1.852,3.846,2
.985,1.562,1.538,15.873,10.938,1.562,1.471,2.597,3.896,3.529,3.529,5.814,2.326,5.682,5.495,2.105,
3.125,5.263,22.68,1.942,3.704,6.306,3.448,0,2.542,8.148,4.286,0.694,2.74,14.286,0,0,0,0,0,0,0,0.6
.04, 0, 0, 0, 0.671, 0, 0, 0, 0, 0.671, 0, 0, 95.302, 0.671, 0, 0, 0, 0, 0, 0, 0, 0.676, 0, 0, 0, 0, 0, 0, 0, 6.757, 1.351, 0, 3.
8,7.639,8.333,2.013,22.819,6.711,0.671,0,0,0,0,2.685,0,0,1.342,0,0,0,0,0,0,0,0.671,0.671,0,0,0,0,0,
0,0,0,0,0)
> y9 <- c(0,0,0,0.671,0.671,0,0.671,0,0,0,0,0.671,20.134,0.671,0,3.333,0,2.013,7.383,0,63.758,16,</p>
0, 2.041, 0, 0.68, 0, 0.68, 0, 0, 0, 1.361, 0, 2.74, 0, 0, 2.055, 15.753, 0, 0, 0, 0, 0.704, 0, 0, 0, 0, 0.694, 0.69, 0, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704
0.685, 0, 0, 0, 0, 0, 0.694, 0, 1.389, 0, 0, 0.694, 0, 0, 0.1.389, 1.408, 0, 0.694, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5.556, 9.028, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0.008, 0
,0,0,0,0,0,0.694,0,0,0,0,0,0,0,0,0,9.929,0,0,11.348,0,0,0,0,2.128,11.348,0,0,0.709,0,0,0,0,0,0,0,0,0
0,0,0,0,0,0,0,0,1.471,1.471,1.01,0,1.02,6.316,0,0,2.174,5.435,2.381,1.266,0,0,2.778,32.857,4.412,
1.587, 1.613, 0, 16.393, 0, 5.085, 1.754, 1.786, 0, 70.213, 10.638, 4.545, 2.703, 31.707, 2.439, 0, 5, 2.703, 0, 0, 0
,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,37.5,0,0,0,0,0,18.182,7.692,0,0,0,0,0,0,0,0,0,32.075,5.357,0,0,22.22
1.449, 1.449, 5.714, 4.286, 2.817, 5.634, 10.448, 1.515, 9.375, 0, 1.961, 9.804, 0, 0, 0, 12.5, 0, 5.882, 5.128, 2.281, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128, 0.128,
73,2.222,3.509,0,4.348,0,0,0,10.714,0)
> y10 <- c(5.085,0,1.449,0,1.818,0,0,4.286,0,1.408,6.944,3.297,5.319,1.064,3.093,2.041,3.125,23.2</p>
32,3.03,0.98,3.846,2.804,0.87,1.527,6.207,9.589,1.333,1.333,10.667,0,0,0,0,0,0,0,0,0,0,0,99.329,0
0.667,0,0,0,0.667,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,27.333,0,0,0,0.667,0.667,0,0,0,0,0,0,0,0,0,0,0,0
0,0,0,0,0,0,0,62,0,0,0,0,54.667,0,1.342,0.847,3.636,7.895,7.692,5.556,1.333,14.667,2.667,6.711,1.
925,0,0,0,0,0,0,0,0,0,0,0,0)
,0,0,0.69,0.699,0,0,16.418,0,3.448,3.448,0,7.273,1.961,0,0,1.961,0,0,0,16.327,0,0,0,15.217,0,8.88
9,0,37.778,0,0,0,4.762,34.884,7.143,36.842,11.111,0,0,0,4.545,0,0,6.667,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
.408,9.589,5.747,0,0.826,0.781,15.909,87.681,0,0,0,0,0,0,0,0,0,0,0.685,0,0,0,0,0,0,0,0,0,21.088,0
,0,0,0,0,17.568,0,0,4,4,0,0.667,0,0,23.333,0,5.333,0,0,0.667,0,0,0,0,0,2,0,0,3.333,0,0,0,0,0,0,0,0,0
3,0.667,0.667,0,6.667,0,0.0.667,1.333,0,0.667,0,0,0,0,0,0,0,0,0,0,1.333,0,0,0,0,0,0,16.107,0,0,
67,0,0,0,0,0,0,0,0,2.667,0,0,1.342,1.342,0.676,0,0.676,0,0,0,0,0,0,0,0,0.667,0,0,0,0.667,0,0,0,0,0,0
0, 0.667, 0, 0, 0.667, 2.667, 0, 5.405, 1.351, 35.135, 0.676, 0, 0, 0.68, 0, 0, 0, 1.361, 0, 0, 0, 0, 0.676, 0, 0, 0, 16.
```

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216, 0.676, 0, 0, 0, 14.865, 0, 0, 0, 4.73, 0.676, 0, 0.676, 4.054, 10.135, 0, 0, 1.351, 0.676, 0, 0, 2.703, 0, 2.027,
85,0,47.552,0,0,0.704,0.709,0,0,1.493,0,0,0.8,0,0.806,0.806,0,0,0.901,4.673,2,4.255,17.391,11.6
28, 14.634, 5.195, 4.615, 11.538, 3.922, 38.462, 2.128, 1.923, 3.774, 12.281, 1.852, 0, 10.909, 0, 12.5, 5.556, 1.
961,2.128,0,2.703,0,0,0)
> y <- c(y0,y1,y2,y3,y4,y5,y6,y7,y8,y9,y10,y11,y12)
> cor.test(x, y,alternative = "two.sided", method = "spearman", exact=FALSE )
       Spearman's rank correlation rho
data: x and y
S = 1.0568e+10, p-value = 3.908e-06
alternative hypothesis: true rho is not equal to 0
sample estimates:
       rho
-0.07389848
> # ---- Confidence interval ----
> if(!"RVAideMemoire" %in% installed.packages()){install.packages("RVAideMemoire")}
> library(RVAideMemoire)
*** Package RVAideMemoire v 0.9-83-3 ***
> spearman.ci(x,y)
       Spearman's rank correlation
data: x and y
1000 replicates
95 percent confidence interval:
-0.10204479 -0.04534299
sample estimates:
       rho
-0.07389848
```