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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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,0,3.15,46.457,0,0.787,12.598,24.219,0,1.55,0,0,19.685,0.787,0,0,0,0,12.598,0,0,0.787,0,0,0,0.7
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.067,0,1.342,6.04,6.711,2.685,0.671,32.886,38.926,14.765,2.013,0.671,3.356,34.667,14.667,0,0,39.3
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67,0,0,6,0,0,0,0,5.333,2,0,74.497,13.423,0,0,28.188,4,2,0.667,6.081,0)
> x11 <- c(0.676,6.757,0,0,2.703,0,2.685,0,23.49,0,0,2.013,0.671,0,60.403,0,0,0,4.667,0,39.333,0,</p>
2,0,0,9.333,38,0,0,0,0,0,0,0.667,1.333,0,0.667,0,12,2.667,0.676,0,0.671,22.819,45.638,18.792,0.67
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54.667,0,0,4.667,6,0,0,0,0,0,2,4.667,0,62.667,2.667,0,0,0,0.667,32,0,0.667,2.685,0,6.667,0,0,3.33
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384,8.904,19.178,4.795,18.493,17.808,2.74,16.438,26.712,1.379,0.69,11.724,21.379,0,9.655,13.793,1
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2,2.098,25.352,1.408,0.704,0.714,11.268,32.624,4.965,0,6.383,19.149,17.73,9.929,4.286,48.936,7.80
1,34.043,1.439,2.174,18.841,27.536,0,3.676,0,0.73,6.569,1.46,4.38,0,0.735,3.704,6.667,0,0,0.735,2
.206,1.471,15.556,8.148,31.852,0,3.704,10.37,26.667,4.444,4.444,8.088,2.206,22.222,22.222,5.224,6
3.91,1.504,22.901,3.817,11.538,37.984,10.938,3.15,23.2,12.097,2.439,0,0,0,0,10.811,3.571,0,0,22.1
15, 1.98, 3.226, 1.163, 29.762, 2.381, 1.22, 2.985, 3.636, 0, 0, 3.571, 4.545)
> x12 <- c(0,0,0,0,0,0,25,0,0,0,0,0,0,0,0,0,0,42.857,10.714,0,0,0,0,0,0,0,0,0,0,0,0,0,33.333,0,0,0,</p>
0, 3.488, 1.02, 0, 0, 0, 0, 0, 0, 0, 0, 26.316, 0, 0, 24.348, 1.724, 0, 0.855, 46.552, 0, 0, 14.655, 19.828, 0, 3.448, 0, 0
,18.103,0,0,0,0,0,8.475,0,0,0.847,0,0,0,0,0,1.613,65.289,0,0,13.333,44.167,9.167,1.653,19.835,1
15.447,0.813,0.813,48.78,2.439,0,27.642,0,0,0,30.709,0,12.598,0,10.156,12.5,23.438,50.781,5.469,4
.688, 10.078, 15.625, 3.101, 28.682, 0, 0, 26.357, 20.155, 74.419, 48.062, 0, 6.977, 2.326, 15.504, 0.775, 0, 1.55
,9.302,0,0,0.769,0,0,0.769,1.538,0,0,1.538,0.781,0.775,0.8,0,0,0,0,0,1.653,2.362,0,8.397,1.527,4.
8,2.439,0.847,3.54,1.818,6,3.75,9.231,0.84,8.475,0,9.259,8.197,3.077,0.813,9.6,2.941,4.348,3.623,
0, 0.68, 2.721, 7.483, 2.721, 0, 0.685, 2.027, 2.759, 1.379, 9.589, 0.676, 0, 36.486, 0, 0, 0, 0, 0.671, 60, 0, 1.333, 0.685, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 0.686, 
14.765,0,2.667,30.872,1.342,1.333,0.667,4.667,0,7.333,2.667,0.667,6,8.667,2.667,3.356,27.517,37.5
84,16.667,0,3.333,6.667,33.333,15.333,0,0,38,0,0,0.667,0,0,7.333,5.333,0,6.667,0,0,10.667,1.333,0
,0,14.765,14.765,8.054,22.148,48.993,1.342,2.685,58.389,0.671)
> x13 <- c(0,7.432,0.671,0,0,0,0,9.333,3.333,0,74.667,10.667,0,0,31.333,2.667,1.333,0,9.396,0,0,1</p>
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78,3.472,15.385,2.797,10.49,2.797,19.58,0.699,0.699,2.817,13.38,33.333,2.817,0,7.042,20.567,15.71
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3.731,2.239,18.797,28.03,0,70.229,1.538,26.923,4.615,8.462,32.283,7.087,0,20.968,16.529,5.983,1.7
> x14 <- c(0,0,0.901,7.273,4.63,0,0.943,19.608,4.167,6.522,0,16.867,1.299,0,0,1.961,0,0,0,5.556,1</p>
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,0,5.31,42.478,0,1.754,13.043,21.739,0,3.478,0,0,13.158,0,0,0,0,0,0,10.345,0,0.862,0.855,0,0,0,0,0,0
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2,0.676,1.342,1.342,8.725,0,0.667,0,2,2.013,2.685,8.054,0.671,0,28,0,0,1.333,0.667,0,56,0,0,17.33
3,0,1.333,35.333,0.667,1.333,0.667,2.667,0.667,6,0,1.333,6.667,8.667,6,1.333)
> x15 <- c(27.333,43.333,15.333,1.333,4,7.333,40,12,0,0,28.667,0,0,1.333,0,0.667,4.698,0.676,0,7.</p>
432,0,0.671,12.081,0.671,0,0,13.514,18.919,5.405,27.703,50.676,2.027,1.351,48.993,0,0,10,0,0,0,0,0
0,7.333,0.667,0,67.333,7.333,0,0,26.846,3.356,1.342,0,5.369,0,0.671,6.711,1.333,0,3.333,0,0,0,18.
121,0,0,2.013,4.027,0,66.443,0,0,0,4.027,0,33.333,0.667,1.333,0,0.671,12.081,32.886,0,0,0,0,0,0,0
.671, 0.676, 0, 0, 0, 12.925, 4.082, 0.68, 0, 0, 26.174, 43.624, 15.436, 0, 12.081, 19.463, 0, 0, 0.671, 0, 0, 16.667,
6,0.667,0,6,3.333,65.333,0,0,34.667,14,0,0,5.333,0,0,8,0.667,0,5.333,0,53.333,0.667,0,5.333,4.667
,0.667,0,0,0,0,0,3.356,3.356,0,54.362,6.711,0.671,0,0,3.356,24.832,0,0,3.378,0,9.459,0,0.676,1.34
2,0,0,34.667,14.667,0,0,20,0,14.094,34.899,4.027,2.013,0,15.436,0,0,0.671,2.013,0,4.667,12.667,0,
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65,8.108,13.514,5.405,13.514,22.148,4.698,15.541,22.297,2.027,0.676,12.838,18.243,0,14.865,13.514
,0.676,16.216,0.68,0,0,0,33.333,0,16.327,2.721,0.68,6.122,12.245,0,0.68,0,2.721,0.68,2.055,12.925
,3.401,20.408,9.524,19.728,21.088,0.68,23.973,6.849,0,8.966,50.345,2.759,43.448,1.379,0,32.414,0,
0, 13.103, 0, 0, 4.895, 6.294, 0.699, 2.817, 61.972, 1.408, 0.704, 0.699, 43.056, 0, 4.861, 0, 2.083, 0, 14.685, 3.48, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 0.699, 
97,6.294,4.196,31.469,0,1.399,2.113,8.451,39.86,4.167,0,8.966,28.472,13.889,10.417,5.556,53.472,6
.25,37.762,1.399,1.408,15.603,25.532,2.837,0.709,0.704,0,4.255)
> x16 <- c(0,4.965,0,0,2.837,5.674,0.714,0,0.709,0.704,0.704,15.493,4.895,31.469,0,4.196,4.895,18</p>
.182,2.797,7.746,3.571,2.878,20.144,31.655,0,71.014,3.65,22.628,2.963,14.394,29.231,10.769,1.538,
25.385,17.323,7.438,2.479,0,0,0.84,7.692,10.435,0,0,24.074,3.846,6.061,2.083,30.435,2.273,1.19,0,
9.302, 0, 0, 6.25, 71.429, 0, 20, 0, 0, 100, 0, 0, 0, 0, 0, 0, 0, 0, 28.571, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 1.695
,28.814,3.39,6.78,50.847,1.695,0,30.508,0,0,0,1.667,0,0,10.169,0,1.639,1.587,4.688,4.615,1.449,0,
95.714,58.571,0,0,1.515,3.03,0,0,33.333,0,0,0,1.562,4.688,0,1.562,0,16.667,1.786,0,5.357,0,0,0,4.
444,2.273,2.041,0,0,2.381,2.381,0,0,0,1.515,3.03,0,38.462,7.576,0,1.695,1.562,0,0,6.25,3.175,6.34
9,3.226,12.281,0,1.754,0,12.5,0,0,3.704,13.208,2.128,0,6,1.961,0,5.172,1.754,0,0,5,3.175,3.175,0,
5.333,2.703,0,2.899,8.571,4.225,0,0,4.545,1.124,0,1.124,1.124,2.247,0,0,1.064,0.99,2.83,4.425,0,0
,0.781,11.679,0,19.863,0,13.014,0,0,0,2.041,0,0,26.531,10.884,0,5.442,21.088,8.844,0,1.361,12.925
,18.367,0,1.361,11.565,27.211,0,0.68,72.789,0,0,0,60.135,0.676,7.432,4.054,32.432,0,0,28.188,69.1
28,2.667,2,14,0.667,0.667,24,23.333,0,0.667,0.667,0,0,0,0,2.667,8,0,0,25.333,0,0,0.667,9.333,0,0,
44,0,0,0,0,10,0,3.333,0,0,4.73,0,1.351,29.054,0,0,2.013,0.676,0.676,0,0,0,0,0,0,0,2.667,3.333,7.333
,0,70.667,2,0.667)
> x17 <- c(0,0.667,33.557,0,4.027,0,0,2,38,0,0,0,0.667,0,0,27.333,1.333,0,0,3.333,4,0,0,1.333,0.6</p>
67,0,0,9.333,43.333,7.333,0.667,1.333,12.667,4.667,2.667,10.667,0.671,5.369,7.383,4.667,0,2.667,3
.333,30,7.333,0,0.68,2.041,1.786,31.304,1.471,2.703,1.342,0.676,2.703,1.342,0.671,4.698,0,25.676,
.667, 0.667, 35.333, 0, 22, 2, 0, 0, 0.667, 23.333, 0, 60.667, 0, 1.333, 5.333, 0.667, 0, 8.667, 0, 1.333, 0, 0, 0, 0, 12
,0,11.409,15.646,0,12.925,0,0.68,0.676,53.378,0,0,3.378,60.811,0,0.68,4.762,25.85,1.361,2.041,17.
007, 9.524, 0, 0, 0, 13.514, 0, 0, 2.055, 4.11, 7.534, 2.027, 5.405, 38.514, 0, 1.361, 19.048, 30.612, 29.932, 0, 41.
892,0,7.432,20.27,10.811,42.568,0,1.351,0,0,2.055,49.315,0.685,1.37,1.37,73.288,29.452,0,12.414,3
.448, 0.69, 26.027, 0, 6.164, 0, 86.301, 0, 2.721, 13.605, 0, 0, 0, 5.479, 1.37, 0, 34.247, 0, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0, 3.425, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 
0,28.966,25.694,0,0,0.699,52.448,4.895,0,0.699,55.944,0,0,0.699,0,0,2.098,13.287,40.559,68.531,0,
36.364,28.169,0,39.86,9.79,0,0,0,2.797,2.098,13.986,4.895,2.113,0,0,10.924,0,0.926,1.887,0,0,0,13
.402, 9.677, 47.674, 21.687, 0, 0, 0, 0, 0, 12.281, 0, 3.509, 0, 1.852, 0, 0, 2, 0, 0, 20.513, 0, 0, 0, 0, 2.381, 14.286, 0
,0,0,0,0,0,0,0,0,0,0,9.091,0,0,5,0,0,0,0,6.061)
> x18 <- c(7.692,0,0,13.333,1.587,0,1.471,0,0,0,0,0,2.899,28.986,2.899,2.899,61.765,0,0,27.941,0,</p>
0,0,4.412,0,0,4.286,0,0,0,1.408,8.333,1.351,0,93.333,75.325,1.282,0,2.597,3.896,2.597,0,29.333,0,
0, 0, 1.351, 0, 1.37, 2.74, 1.37, 12.5, 2.778, 2.778, 3.448, 0, 2.564, 2, 1.887, 0, 1.429, 1.429, 1.408, 0, 0, 0, 5.172
,0,0,43.75,1.562,0,0,3.125,1.37,0,4.11,4.054,7.692,5.195,10.256,0,5.128,2.632,0,1.471,3.846,2.381
,0,1.852,1.852,0,1.493,6.25,1.538,1.587,0,3.125,1.471,0,3.896,4.706,2.353,2.326,2.326,1.136,5.495
,4.211,0,0,1.031,0,0.926,3.604,2.586,5.983,4.237,0,0.714,0,14.384,0,19.728,0,14.286,0,1.361,0,0,0
,0,31.293,12.245,0,5.442,20.408,6.122,0,0,15.646,22.449,0,1.361,10.884,28.571,0,0,68.966,0,0,0,59
.31, 1.379, 7.586, 4.828, 29.932, 0, 0.685, 20.548, 69.863, 5.479, 4.795, 10.959, 0, 2.027, 29.53, 24.832, 0, 0.67
1,3.356,0,0,0,0,2.685,4.027,0.671,2.013,24.832,0,0,0.671,10.067,0,0,35.57,0,0,0.671,0,5.369,0,2.0
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27,0,0,8.784,0,1.351,29.73,0,0,2.027,0,0,0,0,0,0,0,0,4.698,2.013,11.409,0,76.667,2.667,1.333,0,0,
33.557,0,0.671,0,1.342,2.685,34.228,0,0,0.667,0.667,0,0,20.667,0.667,0,0,2,0.667,0,0,2,2.667,0,0,
8,45.333,6,0,1.333,15.333,4,1.333,12.667,1.342,3.356,6.04,5.479,0.69,3.448,4.861,25.694,9.028,0,1
.429, 4.286, 2.804, 21.127, 1.408, 4.167, 0, 0.671, 6.04, 0.671, 0.671, 4.698, 0, 24, 3.356, 1.342, 0, 12, 8.725, 0.
671,0,0,94.631,9.396,45.946,4.027,0.671,2.013,0.676,51.351,4.762,10.811,0.676,0,17.45,0,39.597)
> x19 <- c(0,14.865,2.703,0,0,0,27.517,0,54.362,0,2.013,7.383,0,0.671,10.067,0,0,0,0,0,0,10,0,9.4</p>
59,9.459,0,8.108,0,0.671,0,51.007,0,0,6.04,57.047,0,0.676,4.73,31.544,0,1.351,13.423,6.711,0,0,0,
14.094,0,0,2.685,4.027,2.685,1.351,2.703,38.514,0,1.361,19.048,34.694,36.054,0,40.816,0,10.204,20
.408,8.844,34.694,0,2.721,0.685,0.685,0.685,46.575,0.685,2.055,0.69,67.586,27.083,0,11.268,0.704,
4.225, 28.169, 0, 2.797, 0, 85.517, 0, 4.11, 14.384, 0, 0.694, 0, 5.556, 0.694, 0, 34.028, 0, 0, 0, 6.25, 0, 0, 27.778,
0,0,1.389,0,1.389,0,0,0,13.889,0,0,90.278,0,0.694,36.111,0,0.694,0,6.944,0,0,3.448,33.793,0,0,26.
389,20.139,0,0,1.418,59.574,3.546,0,0.709,57.447,0,0,0,0,0.709,0.709,10.638,43.972,68.085,0,33.33
3,35,0,46.429,9.286,0,0,0,2.143,1.439,12.95,2.899,2.19,0,0,2.02,0,1.02,0,0,0,1.087,11.957,4.762,5
3.165, 32.051, 7.143, 1.389, 1.429, 0, 0, 1.613, 14.754, 0, 0, 0, 3.509, 3.571, 0, 0, 0, 0, 21.622, 0, 0, 2.5, 0, 18.919
,0,1.587,0,0,0,5.97,31.343,1.493,5.97,76.119,0,0,47.761,0,1.493,0,0,0,0,0,0,0,0,0,36.232,0,0,98.5
51,79.71,0,1.429,0,15.714,0,0,36.765,0,0,0,0,1.429,1.408,1.408,1.493,4.545,1.562,0,3.922,3.922,0,
0,0,0,25,2.941,0,0,0,3.509,4.255,0,0,2.564,4.545,1.786,3.448)
> x110 <- c(0,3.077,0,0,5.455,3.333,4.286,1.429,1.408,7.042,1.389,0,3.191,3.191,1.031,3.061,7.292</p>
,2.02,4.04,1.961,4.808,0,0.87,3.053,0,0,0,14,0,26.667,0,17.333,0,0,0,1.333,0,0,36.667,8.725,0,2.6
85,19.463,10.067,0,0,10,24,0,2,12.667,36,0,0,73.826,0,0,0,72.297,1.342,2.685,2.685,36.913,0,0,21.
622,79.054,3.378,2.027,7.383,0,0.667,32,30.201,0,0,2,0,0,0,0,0.667,5.333,0,0.667,18,0,0,0,4,0,0,3
7.333,0,0,0,0,0.667,0,2.667,0,0,12.752,0,1.342,39.597,0,0,2.667,0,0,0,0,0,0,0,0,3.333,0,8,0,84,0,
1.333,0,0,39.597,0,1.342,0,1.342,0,29.333,0,0,0,0,0,0,22.667,2,0,0,2,1.333,0,0,0,2.667,0,0,14,54.
667,2,0,2,10,0.667,2.667,12,0,0,8,4.667,1.333,0.667,4.667,26,10,0,0,6.04,0,0,13.158,0,0,19.333,2,
1.333,0,0.671,4.027,0.671,1.342,4.027,0,38,2.667,0,0,12.162,6.757,0,0,0,95.946,11.409,38,0,0.667,
0.667,0,42,2.667,2.667,0,0,18.667,0,38.667,0,10.667,1.333,0,0,0.667,35.333,0,58,0,2,4.667,0,1.333
,2.667,0,0.667,0,0,0,0,14,0,10.667,17.333,0,2.667,0,1.333,0,46,0,0,2,56,0,1.333,9.333,28.667,0.67
1,0,11.409,3.356,0,0,0.671,15.436,0,0,0,0,0,4.082,3.401,0,0.68,44.218,0,3.401,16.327,31.293,37.41
5,0,36.735,0,10.959,17.808,15.541,35.135,0,0.676,0,0,0.68,55.782,1.361,0.68,0.68,71.429,29.252,0,
16.327, 0.676, 2.027, 29.054, 0, 2.703, 0, 91.946)
> x111 <- c(0,0.671,18.792,0,0,0,3.356,0.671,0,34.899,0,0,0,2.685,0,0,22.819,0,0,0,0,3.356,0,0,0,</p>
20.134,0,0,97.987,0,0,40.94,0,0,0,6.081,0,0,2.027,39.865,0,0,30.822,26.712,0,0.69,0,61.379,2.759,
0,1.379,57.931,0,0,0.69,0,0,0.69,11.724,38.621,74.483,0,32.414,29.655,0,37.241,6.207,0.69,0,0,6.2
0,0,0,0,0,4.167,0,0,0,0,2.439,0,0,0,0,0,0,0,0,1.37,0,0.962,0,0.781,0.758,0,23.188,2.143,8.451,5.5
94,48.951,4.196,20.833,0.69,19.31,13.014,0,0.685,2.055,0.685,0,50,0.685,0.685,0,60.274,7.483,0,0,
0,0,0,2.703,0.671,0,0.667,0.667,0,0.667,0,0.667,0,13.333,29.333,0,6.667,59.333,0,0,18,0,0,2.667
,6,5.333,1.333,28.667,13.333,0,0,43.333,2.667,0,0,6.667,35.333,0.667,1.333,74.667,0,2.667,0,1.333
,3.333,2,21.333,0.667,0,28.667,1.333,9.396,0.671,0,12.081,0.671,0.671,78,8,0,0,2.667,0.667,0,0,14
.667,0,0,0,3.333,20,0,70.667,16,0,0,4,24,38.667,0,32,20,0,0,22.667,0,0,0,0,0.667,24,0.667,0,0,0,0
.667,66.667,27.333,2,0,15.333,0,0,0,0)
> x112 <- c(32,0.667,2,6,2,0,16.667,1.333,0,37.333,0,1.333,0,4,0,0,41.333,4.667,0,0,0,28,0,0,3.33</pre>
3,0,0,0,11.333,0,0,0,1.333,6,0,0,29.333,5.333,6,0,7.333,23.333,6,7.333,14.667,8,8.667,12,12.667,2
,28.667,6,41.333,2.667,0.667,0,15.333,0,0,5.594,0.68,0.667,0,0,0,14.667,5.333,0,1.333,14.667,2.66
7,31.333,2,0.667,37.333,19.333,21.333,28.667,0,5.333,8.667,76.667,24,9.333,5.333,0,4.667,2.667,26
,0,2.667,4.667,0,0,4.698,2.013,0,4.027,0,4.698,27.848,0,0.667,0,0,2.013,0,0.671,6.711,7.333,19.33
3,0,4.667,28.667,0.667,6,21.333,2.667,0,0.667,4.667,0,0,36.667,0,0,0,17.333,10,0,2.667,20,2,0,0.6
67, 8.108, 6.04, 2.013, 6.04, 0, 2.817, 6.757, 8.108, 10.135, 18.919, 19.595, 0, 0, 17.45, 18.667, 10, 3.333, 20.66
7,0.667,1.333,2.667,3.333,14.667,0,0,5.333,0,21.333,20.667,0,55.034,0,0,5.405,4.054,0,4.762,7.483
,41.497,10.884,6.803,0.68,10.204,23.81,21.088,0,19.728,0.676,20.946,0,1.361,0.676,12.838,49.324,0
.676,4.73,2.703,0.676,2.703,33.784,19.595,1.351,2.027,0.676,22.973,0,0.676,0,1.351,0,0.676,0,13.5
14,0,0.676,0,0,4.73,22.297,0,0,6.757,0.676,0,0,2.703,0,0,4.73,0,0,0.68,34.247,0,0,9.589,15.068,0,
0,12.329,15.753,0.685,0,0.685,30.137,0,0,0,2.74,0,0,2.055,32.639,18.182,4.895,5.594,8.451,0.709,5
.674,15.108,1.493,3.125,22.222,12,7.2,4,19.355,0,8.197,25,6.306,0,2,2.128,1.087,0,2.439,0,4.615,5
.769, 1.961, 0, 4.255, 28.846, 7.547, 0, 3.704, 0, 0, 0, 0, 0, 0, 4.255, 4.444, 0, 0, 0, 0)\\
     <- c(x10,x11,x12,x13,x14,x15,x16,x17,x18,x19,x110,x111,x112) #Before</pre>
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
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
,0,0,0,8.661,1.575,0,2.362,0,0,0,0,1.575,0,0,0,0,11.024,3.937,5.512,0.787,0.787,13.386,4.724,0,
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,
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,
0,17.333,0,0.667,1.333,0,9.396,0.671,7.383,0.671,0,1.342,5.369,0,6.711,2.013,2.013,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671
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,
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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
.479,4.138,0,0.69,0.69,0.69,2.759,4.138,6.897,10.959,76.027,0.69,0,0,1.389,0,0.694,0,20.139,0,0.6
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, 2.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385, 1.385,
.632,0,2.632,0.877,0,2.609,0,7.692,2.564,0.862,0,1.724,0,0,0,0,0.862,0,0,0,0,0.855,9.322,0.84
7,0,1.695,0,0,0,0.82,0,0,0,2.479,0,10,1.667,7.5,1.653,0,9.917,3.306,0,0.826,0,1.653,0,0,0,18.
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>
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> 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>
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> 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>
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> 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</p>
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```

R Console Page 6

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> 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.
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> 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
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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,
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.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 = 1840023, p-value = 3.929e-07 alternative hypothesis: true location shift is not equal to 0

>