Copyright (C) 2024 The R Foundation for Statistical Computing Platform: aarch64-apple-darwin20 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. [R.app GUI 1.80 (8376) aarch64-apple-darwin20] [History restored from /Users/alperkaragol/.Rapp.history] > rm(list = ls())> x0 <-(4.138,4.965,13.953,24.779,0,0.758,0,0,0,0,0,0,0,0,0,6.667,1.389,4.861,3.472,1.379,9.655,7.639,2.667,22.667,2,0,22,2.667,2.6667,32,0,0,0,0,0,0,0,0,0,0,0,0,0,0) 671,14.966,0,2.083,0,0,4.167,76.552,1.379,0.694,0,0,0,0.685,0,57.778,0,0.685,1.37,0,0,0,0,41.958,0.694,0,1.37,0,1.36 1,0.685,0.685,0,1.389,0,15.862,50,0,0.68,5.442,1.361,0.68,10.345,7.586,0,0.694,0.69,0,11.972,0,2.817,0,2.113,0,0,0.6 ,4.762,0.68,0,0,0,0,0,0,0,0,0,0) > x2 < 2.273,0,0,29.091,2.817,0,0,1.515,4.918,13.235,3,23.276,33.6,2.985,0,2.273,0,2.857,0.719,2.143,2.797,2.703,2.759,27.5 86,0,0,0.685,0,13.014,0.685,0,0,0,0,0.685,0.685,0,0,0,0,19.863,0,0,0,0,0,0,100,0,0,0,0,0.699,0,15.972,3.521,2.817,0,120,0.685,0.682.778,41.304,0,0,4.854,0,32.374,3.571,6.429,6.14,17.544,20.741,0,1.471,1.481,9.524,0.794,6.557,3.279,1.429,9.286,7.7 46,3.401,19.178,1.361,0,23.81,2.041,14.286,0,0,65.306,99.32,0,0,0,0,67.347,0,0,0,0,0,0,0,99.32,0,23.288,0,0,0,0,0,0 > x3 <-329, 0, 0.694, 0, 0.69, 4.895, 78.767, 0, 0, 0, 0, 0, 0.685, 0, 61.069, 0, 0, 0.685, 0, 0.69, 0, 0.735, 46.528, 1.389, 0, 0.694, 0.68, 0.685, 2.778, 2.069, 0, 0.69, 0, 13.194, 49.306, 0, 0, 3.521, 0, 0.719, 10.072, 4.317, 0, 0, 0, 0, 7.639, 0.694, 4.196, 0, 2.797, 0, 0, 0.699, 0, 0.699, 0.61.333.4.0.1.342.0.0.0.671.0.0.0.0.667.0.0.667.0.98.667.0.98.667.0.9333.13.333.0.8.054.0.0.0.0.671 $c(\emptyset,\emptyset,0.685,\emptyset,0.69,\emptyset,\emptyset,0,0,0,0,0,4.73,\emptyset,0,0,0,6.711,0,0,0,0,0.671,0,0,0,0,0.671,1.351,0,0,0,0,0,0,0,0,0.671,0,0,1.342,0.685,$ 6,0,1.087,5.376,4.808,0,51.648,1.818,1.835,0,0,1.111,0,1.075,19.802,4.386,40,32.231,1.681,0,4.762,0,0,0,13.077,2.256 ,18.841,0.714,0,0,0,7.746) $c(\emptyset,0,0,0.704,0.704,0.1.408,0,0,0,0,12.676,0,0,0,0.699,0,99.301,0,0,0,1.418,0.709,17.391,0.741,2.985,1.493,0.719,0.741$,39.535,0,0.758,0,0,49.02,1.852,6.475,7.857,17.829,32.743,0,0.855,0,7.031,1.439,10.791,2.158,1.439,5,7.143,0,19.858,

R version 4.4.0 (2024-04-24) -- "Puppy Cup"

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,0,0,0,0,0,0,0,0,36,0,0)
 c(\emptyset,\emptyset,0,2,\emptyset,0.667,9.459,\emptyset,1.361,\emptyset,0.68,0.68,74.324,0.676,\emptyset,\emptyset,\emptyset,0,0.68,\emptyset,56.923,\emptyset.699,0.685,\emptyset.685,\emptyset,0,0,1.481,36.364,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.686,0.
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 0.709, 0.00, 0.1.429, 0.0.714, 0.0.725, 0.00, 0.719, 0.0.709, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.
 667,0,1.333,0.667,8,0,0,0.667,2,0.667,3.333,0,2.013,0,0.671,1.342,0,0,0,0,0,0.671,0,99.329,0,0.667,4.667,11.333,0,6.
 711,0,0.671,0.671,0.668,0,0.666,0.0,0.676,0.0,0.0,0.0,0.0,0.0,0.671,0.0,13.423,0.671,0.0,0.0,0.0,0.0,0.0,0.671,1.342,0.0,0.0
 .401,0,0.694,0,0.694,0,0,0,0,0)
> x7 <-
1.773, \emptyset, \emptyset, \emptyset, 1.961, 24.074, 2.564, 9.615, 0, 0, \emptyset, \emptyset, \emptyset, \emptyset, 0, 1.769, 0, 0, 0, 0, 0, 0, 8.475, 3.279, 0, 0, 32.8, 60, 0, 64.286, 0, 0, 0, 0, 0.752, 0.719, 7.692, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0.671, 10.067, 0, 0.671, 5.405, 0, 3.101, 0.725, 5.6, 0.704, 6.294, 18.121, 4, 0, 0, 1.333, 0, 0, 9.
 9,2.564,0,3.448,0,0,0,0,0,2.273,5.435,3.297,0,84.946,63.441,1.064,1.266,26.667,5.405,17.808,5.479,16.667,8.571,5.263
 ,12.698,3.279,0,100,2.381,48.485,0,0,0,14.545,0,4.545,0,0,0,0,0,0,0,0,0,1.653,0)
 > x8 <-
, 7.5, 3.738, 4.673, 1.802, 0, 4.386, 0.943, 0, 1.02, 0, 1.149, 5.376, 2.105, 6.863, 5.882, 1.961, 85.294, 48.039, 1.961, 0, 0, 2, 26, 8.081, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944, 0.944
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 ,1.504,2.5,1.724,4.286,14.765,5.369,4.667,0,1.333,0,0,6.897,0,14.094,0,0,0,2,0,0.667,0,0,0,0,0,0,0,0,0,0.667,0,0,0
 ,0,0,0,0,0,1.333)
 > x9 <
 0,44.056,0.704,0,5.714,29.921,0,0,4.132,0.833,0,0,0,1.653,39.344,2.479,9.091,0,3.448,0.901,1.961,21.978,3.67,14.019,
1.77, 1.786, 1.802, 0.926, 0, 3.03, 0, 1.22, 5.747, 2.174, 0, 1.389, 1.351, 6.931, 6.931, 5.882, 0.99, 90.291, 48.077, 1.905, 0, 0, 0.952, 1.77, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.786, 1.802, 1.802, 1.786, 1.802, 1.802, 1.786, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.802, 1.
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0, 5.442, 0, 12.245, 0, 6.122, 0.685, 1.449, 1.515, 11.628, 2.759, 0.68, 9.028, 1.379, 0, 6.122, 0.68, 4.762, 0, 2.027, 0, 0.68, 0, 1.361, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.68, 0.6
 0.0.0.0.0.0.0.0.0.0.0.0)
> x11 <-
 \begin{matrix} c(0,0,17.431,1.869,18.812,3.061,8.333,8.791,9.091,2.857,0,21.918,9.333,10.667,37.333,1.333,1.613,0,0,0,0,0,81.25,3\\ 9.13,22.222,11.111,0,100,0,28.571,0,0,0,0,17.778,77.778,0,0,0,0,45.455,40.909,0,0,51.22,2.439,12.5,0,2.5,75,64.103\\ 4.167,0,0,0,0,0,0,0,57.143,18.75,5.882,0,0,0,93.75,57.692,0,0,0,90.909,79.167,0,6.667,0,0,0,0,0,12.5,83.871,0) \end{matrix} 
 > Q <- c(x0,x1,x2,x3,x4,x5,x6,x7,x8,x9,x10,x11)
 0,0,0,0,0,0,0,0,2,99.329,0,11.409,0,93.333,0,84,0,99.333,0,0,0,0,0,0,667,0,0,0,0,1.333,0,98,0,0,0,0,1.333,0,11.333,0
  ,56.667,0,0,0,0,0,0,2.013,99.329,0,61.745,5.369,0,0,81.333,0,0,0,10.667,0,0,6,30,4,0,0,80,0,0,0,2.1.333,0,0,0,0,0,99.
 333,66.667,2,0.667,66.443,0,5.333,0,2,2,0,0,0.667,61.333,0,0,0,0,0,0,0,0,0,12,0,97.333,14.667,1.333,0,76.667,47.333,0,
\mathsf{c}(0,3.333,\emptyset,0,10.667,\emptyset,0,0,0,0.667,\emptyset.667,\emptyset,0,2.667,\emptyset,0,0,0,0,0,0,0,0,0,0.671,\emptyset,1.333,\emptyset,1.333,\emptyset,0,0,0,0,0,0,4.667,0,0,9.9.
 19, 1.37, 0.685, 7.534, 0, 0.694, 0.685, 1.37, 1.379, 0.694, 2.778, 1.504, 6.294, 1.389, 2.759, 26.712, 10.204, 0.68, 18.493, 17.808, 0.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 10.204, 0.685, 0.204, 0.685, 10.204, 0.685, 0.204, 0.685, 0.204, 0.685, 0.204, 0.204, 0.685, 0.204, 0.685, 0.204, 0.204, 0.685, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204, 0.204
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3.333, 0, 0.667, 11.333, 2, 5.333, 0, 0, 0, 0.671, 12.752, 0, 27.333, 0, 22, 0, 0, 0, 3.333, 0, 0, 0, 0, 46.98, 0, 2.685, 0, 0.671, 2.041, 0, 0, 0, 0, 0.671, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.041, 0.0
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  5,0,0.699,0,2.899,6.294,0,36.893,0.735,2.158,3.571,9.286,0,0,0,17.164,0,1.481,11.905,2.381,0,61.475,2.143,2.143,0,0.68,6.164,0,0,8.844,0,0,97.959,0,0,0,0,0,38.095,0,31.973,0,0,0,0,0,0,0,0,0,0,0,2.055,99.315,0,6.849,0,95.89,0,84.247,0,
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  ,35.616,99.32,0,0,0,0,0,0,0,0,0,0,99.333,0,4,0,0,0,0,0,0,0,0,0,0,0,0,0)
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 ,0.694,2.083,0.694,0,20.833,0,2.083,5.556,1.389,0,0,0,0,15.328)
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 \mathsf{c}(4.8, \emptyset, 1.835, \emptyset.935, 4.95, \emptyset, 5.208, 1.099, \emptyset, \emptyset, \emptyset, 0, \emptyset, 0, \emptyset, 0, \emptyset, 0, \emptyset, 0, 0, 0, 0, 0, 0, 0, 11.111, \emptyset, 0, 0, 0, 0, 0, 17.5, 2.222, \emptyset, 0, 0, 0, 4.5)
 45, 0, 2.273, 0, 0, 0, 7.317, 0, 2.439, 0, 12.5, 0, 0, 2.564, 0, 0, 0, 0, 0, 0, 5.556, 0, 0, 0, 0, 0, 2.941, 0, 3.125, 0, 7.692, 0, 0, 0, 3.704, 6.
 667,0,0,0,0,0,0,0,0)
> L <- c(y0,y1,y2,y3,y4,y5,y6,y7,y8,y9,y10,y11)
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9,6,8,9,8,7,9,9,9,5,5)
4,5,4,6,4,6,1,3,3,4,5,8,5,3,6,2,7,5,4,3,8,6,8,8,5,9,7,7)
> CS <- c(z0,z1,z2,z3,z4,z5,z6,z7,z8,z9,z10,z11)
> a0 <-
c(0,0,0,28.049,0,0,0,1.075,74.468,0,0,0,0,0,0,2.105,0,1.053,1.053,0,0,1.031,0,0,1.031,15.625,4.255,0,2.439,1.205,3.50,0,1.031,15.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.025,1.0
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  c(\emptyset.82,0,1.6,23.016,0,\emptyset,6.25,\emptyset,1.515,\emptyset,62.308,0.763,3.053,0,\emptyset,2.941,4.348,1.46,\emptyset,0,0.667,0,0,0,0,0,10.667,\emptyset,16,7.333,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0.066,0
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 \begin{array}{l} \textbf{0.067}, \textbf{0.07}, \textbf{0.07}, \textbf{0.07}, \textbf{0.067}, \textbf{0.007}, \textbf
      .45, 1, 30.303, 3.297, 2.198, 28.409, 13.953, 6.329, 4.938, 1.22, 1.25, 7.895, 0, 10.256, 0, 0, 0, 0, 3.371, 1.887, 1.626, 0, 0, 0, 0, 0.80
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  0,11.111,0,0,0,0,0,0,0,0,0,0,0,2.222,0,4.444,4.545,0,0,2.273,6.818,0,4.444,0,0,0,2.5,0,0,0,0,0,0,0,33.333,0,0,0,0,2.941,0,6.25,0,0,0,0,0,0,0,0,8.696,0,0,3.704,0,0,83.333,0,0,9.677,0,6.452,0)
 > T <- c(a0,a1,a2,a3,a4,a5,a6,a7,a8,a9,a10,a11)
  c(0,0,0,0,1.136,0,0,0,0,0,0,37.5,0,0,0,0,0,2.105,13.684,0,9.278,50.515,0,0,0,6.25,20.213,0,0,83.133,2.381,0,26.19,71,20.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,0.213,
    .084, 0, 1.064, 16.842, 0, 0, 0, 0, 1.042, 0, 0, 0, 1.124, 0, 0, 0, 0, 0, 3.371, 0, 0, 0, 0, 0, 0, 1.802, 0, 0, 0, 0.752, 0.752, 0, 1.099, 0, 0, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.712, 0.
  4, 0.704, 0.735, 0, 0, 0, 0, 0, 0, 0.671, 0, 0, 0.8.784, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7.432, 0, 0, 0, 0, 0, 0, 0, 14.865, 0, 0.68, 1.37, 0, 0, 13.605, 0, 3.
  472, 1.361, 1.37, 6.452, 28.671, 4.196, 9.028, 4.196, 3.125, 3.061, 24.138, 4.255, 0, 1.77, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1.481, 0, 4.167, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281, 1.281
  389, 1.379, 0.69, 0, 0, 6.667, 0, 0.667, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0.2.013, 0.671, 0, 0.667, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0.667, 0, 0, 10.067, 93.289, 0.667, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.
  67,0,0,0,0.667,0,0,0,0.98.667,0,54,0,97.333,100,0,0,94,0,0.667,0,0,0.667,0,1.333,0,24,0,0,0,0,0,0,0,0,0,0,11.409,9
  7.333,0,9.333,0,0,667,38,0,0,4,24,0,0,0,0,0,0,0,38,0,0,0,0,3.333,0,4,10.667,3.333,0,0.667,28,0,0.667,37.333,0,2,1.
  333,0.667,0,0,0,80.667,0,0,0,2.667,3.333,0,0.667,5.333,0,0,2,10.667,0,0,32.653,0,0.676,0,0,1.333,41.333,0,4,98,0,0,0
  ,0,0,0,29.333,0,0,0,0,0,0,0,0,0,0.667,0,0,0,0,0,0,0)
 897,0,0.694,0.685,46.575,0,0.685,0,0.694,0.685,0.685,2.069,6.944,0.694,26.316,0.699,0.694,15.172,2.055,44.218,1.361,7.534,3.425,1.399,6.944,8.276,1.379,0,53.741,0.68,4.082,0,19.048,5.517,0,3.448,4.861,1.379,0.699,0,22.069,0,0.704,3.
  521,0.699,6.993,0.699,0,3.472,20.979,79.021,0.709,0,1.389,0.694,0,0,0,0,0,0,0.667,98,0,0,0,0,35.333,0,0,0.667,0,0,
 0, 0.69, 0, 0.667, 4, 0, 0.667, 47.333, 1.333, 32.667, 2.667, 6, 0, 1.333, 0, 60, 2.013, 0, 23.49, 0, 1.333, 0.667, 0, 0, 0.667, 4, 0, 0, 32.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667,
   1,0,0.68,0,0.671,0,47.651,0.671,0,26.846,0,0,8.725,0,0.676,0,0,0,0,13.514,0.676,2.027,25,0,0.676,0,0,0,0,0.671,0,0,0
  ,9.459,4.73,41.216,0,0.676,86.486)
  \mathsf{c}(\emptyset,\emptyset,\emptyset,\emptyset,\emptyset,\emptyset,98.649,\emptyset,\emptyset,\emptyset,0,0,0,0,72.297,\emptyset,0,0,0,1.351,\emptyset,\emptyset,8.108,\emptyset,0,6.081,0.676,\emptyset.676,\emptyset,0,0,0,0,58.503,\emptyset.685,\emptyset,0,27.
 ,97.24\overset{1}{1},0,4.828\overset{1}{0},0\overset{1}{0},23.448,47\overset{1}{1},586\overset{1}{0},0,1.379\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0,1.379\overset{1}{0},37\overset{1}{0},931\overset{1}{0},0,63.448\overset{1}{0},8.276\overset{1}{0},0\overset{1}{0},0.69\overset{1}{0},42.759\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},0\overset{1}{0},
    0, 0, 0, 0, 0.685, 0, 0, 5.479, 0, 0, 0, 0, 0, 0, 0, 11.644, 0, 0, 0, 0, 0, 19.718, 0, 3.497, 2.083, 4.348, 23.077, 2.913, 10.68, 7.353, 2.158, 1.48, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49, 1.49
  29,25,4.386,0,2.222,2.239,0,0.741,0.794,0,4.918,0.82,1.429,1.429,0,1.361,6.849,0,0.68,0,0,0,0,0,0,0,0,0,0,0.68,0.68,0,
 ,0,0,0,0,0.676,0,20.946,0,0,0,0,0,0,0,0,0,7.383,99.329,0,10,0,0)
   \mathsf{c}(0,62,0,0,4.667,31.333,0,0,0,0,0,0,0,0,0,40.268,0,0,0,0.6.711,0,4.027,12.081,4.027,0,0.671,29.53,0,0.671,37.333,0,2,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671
  (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (0,0), (
 0, 3.448, 22.069, 0.699, 0, 6.849, 0, 0.676, 0.676, 42.466, 0, 0.685, 0, 0.685, 0.68, 0.685, 0.685, 5.517, 0.69, 21.324, 1.389, 0.694, 9.79
   ,4.167,52.381,0,10.417,4.138,2.055,6.897,11.034,0,0,56.849,0.694,4.225,0,21.583,5.036,0,5.036,8.511,0,0.694,0,21.528
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  ,0,0,28.667,0,1.333,0,0.671,9.396,0,14.765,0,0,0)
  c(0,5.517,0,1.379,0,0,0,0.671,73.154,24.161,0,4.73,0,0,16.216,0,0.671,0.671,0,1.342,0,0.671,0,44.966,0.671,0,20.134,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0,0.671,0,1.342,0.671,0,1.342,0.671,0,1.342,0.671,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,0.571,
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 2, 16.667, 0, 3.333, 1.333, 0, 1.333, 0, 1.333, 0, 0.667, 0, 0, 1.333, 1.333, 0, 6.667, 4.027, 0, 0, 0, 0, 10.667, 5.333, 37.584, 0, 0.671, 90.
  604,0,0.667,0,0,0,0.667,0,99.333,0,0,0,0,0,64,0,0,0,0,2,0,0,6.667,0,0,10,0.667,0.667,0.0,0,0,0,48.98,3.401,0,0,31.75
  7,0,0,0,0,0,0,0,0,0,0,0,0,0,2,5.333,3.333,0.667,0,0,0,2.013,0,0,0.667,16.667,0,0,0,0,0,0.667,0,100,36,0,84,0,0.66
   7, 0, 0, 0, 4.667, 0, 0, 0, 0, 0, 0, 0, 14.966, 0, 0, 0, 3.378, 0, 0, 0.676, 0, 0, 69.595, 1.351, 0, 0, 2.721, 0, 0, 0, 0, 0, 95.918, 2.041, 10.204, 0, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.006, 0.
  0,0.709,0.704)
  c(\emptyset,0,9.859,\emptyset,0,0,0,0,0,0,0,0,0,3.521,0,0,0,0,0,0,16.783,0,0,0.709,0,0,17.037,0,2.985,1.439,0.775,33.333,0.758,9.774,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0.236,0
  ,0,0.694,0,0,0.694,0,0,0,27.083,0,0,0,0,0,0,0,0,0.69,0,8.333,98.63,0,6.122,0,0,0,70.068,0,0,3.401,25.85,0,0,0,0,0,0,
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,98.658,0,99.329,34.899,94.631,0,4,0,0,0,79.866,4.027,0,44.595,56.081,0,0,2.027,0,2.703,0,0,0,0,0,0,0,0,0.68,0,26,0,0,
0,0,0,0,0,0,24,0,0,0,54.362,0,0,0.667,0,0,0,0,0,0,0,0,0)
> b6
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 7,6.522,4.545,2.326,6.897,3.401,1.389,1.379,27.891,2.041,24.49,9.524,3.378,0.676,0,0,0,0,0.1.342,0,52.349,5.369,0,6.
757,22.297,0.667,2.013,5.333,0.68,0.69,6.383,13.103,2.685,8,16,8,0,24.667,0.667,0.667,1.333,0,0.667,0,4,0,0.667,0,95.333,0,32.667,0,88,4.667,14,0,1.333,0,0,1.333,5.333,0.667,0.667,0.667,43.624,40.94,0,24.832,0.671,0,0,0,24.161,0,0,0,0,0,0
  .671,4.027,1.342,4.027,22.148,0.671,1.342,38.926,68.456,0,28.188,37.584,1.333,6.667,2,0,0,0.667,82.667,0,0,4,0,0,0
.667,0,4.667,0.667,0,67.333,0.667,10,2.667,0.667,0,1.333,2,2.381,32.432,25.342,0.758,0.775,5.224,0.68,19.333,0.667
   , 8.276, 3.906, 2.4, 22.388, 9.396, 0, 2, 16.667, 19.333, 1.333, 19.333, 0.667, 19.333, 4, 0, 0, 0, 0, 21.477, 0, 91.156, 49.324, 0, 0, 0, 5.5
 17,0,6.993,25,10.417,0,13.194,0.694,0,4.167,0,0,64.583,0,0,0,0,1.399,1.46)
 0,0,0,0,0,0,2.326,0,0,0,0,0,0,0,0,0,0,0,0,2.5,5.128,0,0,0,0,33.333,0,0,0,0,0,12.5,0,0,0,0,0,7.692,4.167,0,0,0,0,6.667,0,
0,0,0,0,0,3.226,0)
> V <- c(b0,b1,b2,b3,b4,b5,b6,b7,b8,b9,b10,b11)
 7,0,0.667,0,0,0,0,0,0.667,0,26,0,1.333,0,0,0,0,0,0,0,0,0,1.333,0,0.667,0,12.667,0,0,0,0,0,0,0,0,0,0.671,78.523,1.33,0,0.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,12.667,0,1
 33,0,0.667,0,0,0,2,0,0,2,7.333,0,0,0,0,0,0,0,30.667,0,0,0,0,2.667,0,18.667,72,0,0,0.667,51.333,0,0,11.333,0,0.667,0.
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,0,0,0,0,0,0,0,0,0,0,0,0.667,0,2,0,0)
 > d1 <-
0.694, 0, 2.055, 46.575, 0.685, 45.89, 1.481, 1.389, 0, 0, 0, 3.472, 0, 3.759, 0, 0, 0.69, 2.74, 9.524, 0.68, 34.932, 1.37, 0, 2.083, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345, 10.345
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 ,0,0,4.027,0,0,0,0,1.351,30.405,56.757,0,0.676,6.081,0,0.676,0,0,0,27.027,0,0.671,0,0.671,0.671,66.443,0,0,0,2.685,5
0.336,0,0.676,0,0,2.027,0,0.676,0,2.703,0,0,3.378,14.189,0,4.054,0,0,0,7.692,0,0,0,7.432,0,56.757,0,0,12.838)
 c(\emptyset,\emptyset,\emptyset,0,0,0.676,0,0,0,0.676,0,0,0,99.324,25.676,0,0,0,0,0,0,87.838,0,0,19.595,0,10.811,29.054,0,0,0,0,8.163,47.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10.26,10
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 ,0,0,0,0,0,0,0,0,0,1.361,0,2.027,0,16.892,0,0,0,0,0,0,0,0,0,0,81.879,0.671,0,0,0,0)
 c(0,2,0,0,0,6.667,0,0,0,0,0,0,0,26.174,0,0,0,0,1.342,0,19.463,66.443,0,0,0.671,53.691,0,0.671,10.667,0,0,0,4.667,0,0,0,1.342,0,19.463,66.443,0,0,0.671,53.691,0,0.671,10.667,0,0,0,4.667,0,0,0,1.342,0,19.463,66.443,0,0,0.671,53.691,0,0.671,10.667,0,0,0,4.667,0,0,0,1.342,0,19.463,66.443,0,0,0.671,53.691,0,0.671,10.667,0,0,0,4.667,0,0,0,1.342,0,19.463,66.443,0,0,0.671,53.691,0,0.671,10.667,0,0,0,1.342,0,19.463,66.443,0,0,0.671,53.691,0,0.671,10.667,0,0,0,1.342,0,19.463,66.443,0,0,0.671,53.691,0,0.671,10.667,0,0,0,0,1.342,0,19.463,66.443,0,0,0.671,53.691,0,0.671,10.667,0,0,0,0,1.342,0,19.463,66.443,0,0,0.671,53.691,0,0.671,10.667,0,0,0,0,1.342,0,19.463,06.443,0,0,0.671,53.691,0,0.671,10.667,0,0,0,0,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.6
 0,16.552,5.517,0.699,0,21.918,0.68,0,0.676,52.74,0.685,54.795,0.763,0.685,0,0.685,0,1.379,0.69,5.882,0,0,0.699,3.472
  ,9.524,1.37,25.694,0.69,0.685,3.448,6.897,0.694,0,36.301,1.389,0.704,0.704,7.194,0.719,2.158,5.036,2.837,1.389,0,0.6
 94,3.472,0,0,3.497,0.694,14.685,7.692,1.399,0.699,32.867,18.056,0,0.676,0.676,2.041,0,1.37,0,0,0,0,0,4.667,0,0,0,0,0
  0,0,68,0,3.333,0,0,2.013,0,40.94,0,0,0)
 c(0,43.448,0,22.759,0,6.164,0,0.671,2.013,6.04,0,16.892,0.676,0.676,2.703,0,0.671,0.671,0,1.342,0,0.671,0,51.007,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671,0.671
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0.667, 0, 0, 4, 50.667, 0, 0.667, 0, 0.667, 4, 0.667, 1.333, 0, 2.667, 0, 0, 2, 17.333, 0, 5.333, 0, 0, 0, 0, 0, 0, 9.333, 0, 61.745, 0, 0, 8.725, 0, 0
 0,0,0,0,0,0,0,0,1.333,0,0,0,99.333,34.667,0,0,0,0,0,0,0,88,0,0,18,0,16.667,35.333,0,0,0,0,13.605,44.898,0,0,43.243,0.67
 0,0.667,0,0,0,0,667,0,0,0,0,0,0,0,17.687,0,0,0,6.757,0,0,0.676,0,0,29.73,4.73,0,29.252,2.041,97.959,0,0,0,4.082,0.
> d5 <-
 c(0,0,0,0,0,0,0,0,0,0,0,0,0,80.986,0,0,0,0,0,0,81.818,0,0,0,0,0,6.667,0.746,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0,0,5.426,2.222,0.758,2.256,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,0.752,
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 222,0,0,0,4.93,10.49,0.699,39.437,0.709,0,1.418,4.225,0,0,44.521,2.113,1.429,0.709,6.383,0.73,2.206,5.797,2.899,1.43
0,099.333,0,0,8,0,0,3.333,0,0,0,0,0,2.667,0,20,2,9.333,0,0,0,30.667,0.671,0,4.027,0.671,7.383,0,0,0,0.671,0,0,0,70,0,4,0,0.667,0.671,0,40.268,0,0.671,0,0,45.946,0.676,18.243,0,3.378,0,0,0.671,1.342,0,24.832,0.671,0.671,2.685,0,2.685
  ,0,0,0.676,0,0.671,0,46.98,0,0,4.698,0,0,1.342,0,0,0,0,1.351,24.324,59.459,0,0.676,6.757,0,0.676,0,0,30.612,0,0,0,
 .38.356,0,0,56.164,0.68,0,0,0.68,0,0,0.68,0,0,0,0,0,0,10.884,94.558,0.68,0,0,0,0,0,0,0,27.891,0,85.714,0,0,0,0,0,14.
 286,0,0,25.17,0,0,0,1.361,0,0,0,0,0,0,0,0,0,0,0,7.692,0,0)
 c(\emptyset, 2.113, \emptyset, 0, \emptyset, 0, 0, 18.182, 2.098, \emptyset, 32.168, 1.399, 99.301, \emptyset, 0, 0, 0, 1.408, 0.704, 92.958, \emptyset, 0.704, 3.521, 49.296, \emptyset, 98.592, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.704, 0.
 4,22.881,0,0,24.8,0.8,0,0,0.794,1.6,69.841,2.344,0,32.031,3.759,0.719,1.399,20.805,0,0,63.758,34.899,13.423,0,0,0,86
 .577, 7.383, 0, 0, 0, 0, 23.649, 0.752, 6.202, 1.449, 0.8, 0, 0.699, 2.013, 0, 2, 0, 42.667, 2.667, 0, 0, 0, 0, 0.667, 0, 0, 0, 0, 0, 25.333, 0.66
 7,55.333,0,9.333,34.667,0,0,4,3.333,0.667,25.333,4,0,11.333,11.333,4.667,0,12.667,1.333,0,0,0,70.667,0,0.667,6.667,0
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  ,2.098,55.556,6.25,0,0,0,0,25,0,0,23.611,1.389,0,0,0.694,0.699,8.029)
> I <- c(d0,d1,d2,d3,d4,d5,d6,d7,d8,d9,d10,d11)
 c(\emptyset,\emptyset,9,.756,1.136,\emptyset,\emptyset,0,4.255,32.632,\emptyset,8.333,\emptyset,0,100,\emptyset,1.053,\emptyset,85.263,\emptyset,0,48.454,\emptyset,0,0,70.833,37.234,\emptyset,0,1.205,1.136,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,0.206,
 9,1.19,22.619,4.819,0,0,50.526,12,0,0,0,5.208,0,0,2.222,0,2.247,0,0,0,0.917,0,0,1.905,0,0,3.738,1.031,4.167,21.622,1
  0,2.027,0,0,0,0.676,0.676,0,0,0,0,0,0,0,0,0.676,0,16.327,32.192,1.389,2.069,6.803,0.68,33.333,19.048,0.685,6.452,12.
587,52.448,22.222,15.385,7.292,29.592,18.621,24.113,17.054,14.159,3.509,2.273,6.061,0,0,0,50,0,0,0,50,2.963,28.472,1
2.5,6.944,16.552,37.241,3.472,6,2,32.667,0,0.667,0,0,0.90.667,0,0,0,6.04,0,0.667,0,0.667,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0,0.667,0,0.667,0,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0.667,0
 3,2,76,0,0,0,0.667,0,17.333,0,0,0,0,3.333,0,0,0,0,0,0,0,0,0,0.68,0,0,0.68,0,0,0.667,36.667,2.667,0,0,2,0,11.333,0,0,34
 ,0,0,0,58.667,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0)
 33,6,88.667,0,0,22.667,0.667,40.667,65.333,0,13.423,79.195,0,0,6.711,0,0,0,0,0,0,0,0,0,0,1.333,12.667,0,0.667,0,0,87
  .333, 0, 0, 0.667, 0, 0.667, 0, 0, 0, 0, 0, 0, 0, 0, 0, 98.667, 0, 0, 0.667, 0, 0, 0.667, 0, 0, 0.671, 3.356, 0.68, 0, 0, 5.556, 1.389, 0, 4.828, 0, 0, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.
  , 0.694, 0.685, 0.685, 0, 0.685, 1.481, 4.167, 8.904, 4.11, 21.379, 13.194, 11.111, 4.511, 5.594, 0, 5.517, 7.534, 2.721, 0, 2.055, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0.685, 0
   ,12.587,0,4.828,0,1.37,1.361,0.68,4.762,0,2.721,7.586,13.793,0,2.083,11.034,11.888,0.704,0.69,0,1.408,7.746,2.098,0,
 ,0,0,0,2.667,0,0,0,0,4.027,0,2.685,0,0,0,0,0,0,2.667,0,0,0,0,0,1.333,1.333,0.667,0,0,0,0.667,0,0,4.027,2.667,0,0,0,0
 ,6.711,0,1.333,0,0,0,0,1.342,0,0.671,0.671,0,0,0,0,0.671,0,0,0,1.342,0,0,0,0,0,0,0,0,0,0,0,0,16.216,12.838,0,0,0,0,0.671,0.671,1.351,0,0.671,2.013,0,0,0.671,0,0,0.671,0,0.671,0,0.676,3.378,0,0.676,0.676,0,0.676,0.676,0.676,0.0,0,0,1
  .351,1.361,0.68,0,15.385,0,0,71.429,0,0,0.676,0,0,0)
 0,0.676,0,0.676,0,0.676,14.189,51.351,0,0,45.27,0,0.676,0,0,0,0,1.351,6.757,0,2.027,61.486,67.568,0,0,39.865,0,0,0,
0,0,9.459,0.676,0,0,0,8.163,2.055,0,0,33.562,0,62.585,0,0,0,0,79.592,0,0,0,8.844,91.156,96.599,0,0,3.401,0,1.361,0.685,0,28.276,4.138,0,0,0,0,0.69,0,64.828,0.69,0.69,0,0,87.586,8.966,17.241,57.931,0,31.724,23.448,0,1.379,0,0,61.
 379, 0, 0, 0, 0, 0, 0, 0, 14.483, 0, 1.399, 0, 0, 5.882, 0, 5.405, 0, 0, 2.128, 0, 0, 0, 0, 9.091, 1.639, 1.471, 23, 1.724, 4, 1.493, 3.101, 0, 3.84
, 0, 9.655, 22.378, 4.895, 2.778, 8.451, 0.704, 32.867, 22.222, 4.348, 6.993, 43.689, 7.767, 37.5, 28.777, 21.429, 14.286, 28.07, 8.772, 28.286, 28.07, 28.286, 28.07, 28.286, 28.07, 28.286, 28.07, 28.286, 28.07, 28.286, 28.07, 28.286, 28.07, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28.286, 28
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  c(\emptyset.667,\emptyset,\emptyset,0,0,0,2.667,\emptyset,0,0,4.762,0.68,0.68,5.405,0.676,\emptyset,1.361,\emptyset.676,\emptyset,0,0.676,5.594,8.904,5.479,23.448,16.552,11,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.676,0.0760,0.076,0.076,0.076,0.076,0.076,0.076,0.076,0.076,0.076,0.076,
   .034,6.667,6.294,0,3.521,6.338,1.399,0,0.704,1.418,7.801,0,1.408,0,4.196,1.37,0.704,2.857,0,2.837,10.949,14.706,0.72
 5,3.623,10.072,10.294,1.439,2.128,0.704,1.418,7.801,0.709,1.418,0.714,0,50.714,30.714,0.719,0.725,0.719,1.429,0.719, 21.831,0,0,0,0,0,0,0,0.667,0.667,0.0,0,0,0,0,0,0,0,0,0,0,0,0,33.333,0,4.082,0,58,4,0,2,0,0,0,2,0,0,0,0,4.027,0,4.027,0,0,0,0
   .762, 0, 6.122, 55.102, 66.667, 0, 0, 39.456, 0, 0, 0, 0, 0, 10.204, 0, 0, 0, 0, 8.844, 0, 0, 0, 36.111, 0, 54.167, 0, 0, 0, 0, 0)
  \\ \text{c(85.315,0,0,0,13.986,93.706,97.902,0,0,0,0,0.699,0,0,18.182,2.113,0,0,0.704,0,2.113,0,72.535,0.704,0,0,0,87.324,9)} \\
   .859, 13.38, 49.296, 0, 32.394, 22.535, 0, 0.704, 0, 0, 50.704, 0, 0, 0, 0, 0, 0, 0, 13.475, 0, 0.709, 0, 0, 0, 0, 8.974, 5.769, 81.081, 0, 0.885
    ,79.646,14.286,0,93.86,1.739,11.966,56.034,0,0,0.855,1.695,14.754,0,5.6,0.8,0,0,3.175,0.8,0,6.25,0.781,14.062,5.263,
  10.791,6.294,0,0.671,34.899,0,0,0,22.148,0,0,14.765,13.423,0,3.356,0,1.351,0,2.326,5.072,0.8,0.704,4.196,2.013,10,
 0,0,0,0,0,0,0,11.333,0.667,97.333,0,0,0,19.333,0,26,4.667,1.333,0,3.333,87.333,0,0,57.333,2,10.667,22,0,0,41.333,2,0
  ,78,0,90.667,74.667,0,52.667,0,4,0,0.667,1.333,0,8,5.333,0,44.898,16.783,1.408,43.262,4.965,0,90.714,0,2.174,0,0,0,1
  1.667,0,25.424,2.542,12.097,46.575,0,0,22.764,0.813,0.82,0,4.839,13.913,0.935,17.886,6.731,9.615,12.931,18.103,17.24
 1, 16.379, 0, 15.652, 6.195, 0, 7.692, 7.692, 14.851, 5.128, 3.846, 1.724, 6.452, 0, 26.667, 0, 20, 6.818, 2.174, 3.297, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.075, 3.207, 1.111, 1.111, 1.075, 3.207, 1.111, 1.111, 1.075, 3.207, 1.111, 1.111, 1.075, 3.207, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111, 1.111
  26, 6.383, 8.861, 1.333, 14.865, 23.288, 6.849, 19.444, 1.429, 10.526, 7.937, 0, 0, 0, 7.143, 0, 30.769, 0, 0, 1.818, 7.229, 13.636, 71.429, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937, 10.526, 7.937
9,0,0,82.051,14.53,0,89.831,0.813,11.382,49.587,0)
  0, 24, 0, 0, 13.333, 11.333, 0, 2.013, 0, 0.671, 0.704, 6.618, 3.65, 1.709, 2.344, 7.971, 0.671, 9.333, 0, 0, 2.667, 0, 0, 0, 0.667, 14, 0, 98, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.667, 0.6
  0, 1.333, 0, 16, 1.333, 20, 0, 0, 1.333, 3.333, 85.333, 0, 0, 56.667, 3.333, 12, 30.201, 0, 0, 34.667, 2, 0, 25.333, 0, 0, 0, 0, 0, 0, 0, 32.215, 0
   ,0.671,0,0,0,44.295,0,0.671,41.611,0,0,12.081,0.671,0,42.282,11.333,4,29.333,0,0,0,0,0,8.667,0,0,0,0,58,0.667,6,0,15
   .333,14.667,10,4.667,6.25,3.361,2.02,6.081,10,2.703,5.333,44.667,0.667,63.333,79.333,0,92,73.333,0,58,0,2,0,0.667,2,
  1.333, 12, 2.667, 0, 38.356, 20, 0, 45.714, 3.571, 0, 85, 0.719, 1.439, 0, 0, 0, 8.943, 0.82, 27.642, 1.667, 12.5, 0.8, 29.268, 0.806, 4.032
   ,0,8.824,4.839,18.803,13.675,7.08,2.128,7.5,13.084,20.561,17.117,3.509,17.544,6.604,6.863,4.082,6.452,18.391,7.527,2
    105,4.902,8.824,0,0.98,7.843,2.941,0,1.042,7,6,9.091,17.582,3.297,22.727,1.163,1.266,3.704,0,0,6.579,0,20.513,28.57
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 , 0.68, 1.361, 39.456, 12.245, 0, 19.595, 0, 0, 0, 0, 0, 1.342, 7.432, 9.396, 0, 0, 2.027, 39.189, 0, 3.356, 2, 0, 9.655, 0.709, 2.069, 3.356, 2.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.029, 0.02
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6.711, 3.356, 0.671, 39.597, 17.45, 6.667, 46.667, 0.667, 0,0,0,8,8.667, 8.667, 15.333, 87.333, 0, 81.333, 2, 26.667, 0.667, 10.667, 0.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 10.667, 
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 7,2.013,0,1.333,17.333,5.333,16.667,3.333,12,1.333,0,4,1.333,4.027,0,20.134,0.671,3.401,11.486,0.68,0,0,2.069,0,0,0.
694,0,0,51.389,2.778,0,20.833,0,0,4.167,0,0,0,0,2.098,0)
 c(1.6, 19.298, 5.505, 7.477, 11.881, 4.082, 18.75, 15.385, 7.955, 11.429, 32.051, 9.589, 2.667, 4, 17.333, 12, 58.065, 1.852, 0, 0, 33.385, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 12.006, 
 33,2.128,6.383,0,13.043,11.111,0,0,0,16.667,0,2.273,0,12.5,4.444,0,0,4.444,2.273,0,30.233,0,6.818,0,4.444,2.439,2.43
9,12.195,0,0,2.5,0,2.564,12.5,33.333,0,0,0,16.667,0,0,0,0,3.125,8.824,0,0,2.941,0,0,7.692,0,4.348,0,4.167,11.111,53.
333,0,3.333,6.061,0,19.355,0,0,0)
> A <- c(e0,e1,e2,e3,e4,e5,e6,e7,e8,e9,e10,e11)
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,0,2,0,0,0,0,100,0,0,0,0,0,0,6,694,0,0.694,0,0,694,0,0,694,35.616,1.37,0,0,0,0,0,0.685,0.69,0.694,2.083,17.293,0,0,4.
 828,21.233,21.088,0.68,6.849,0.685,0.699,0.694,18.621,0,0,0.68,0.68,1.361,0,46.939,1.379,1.379,0,70.139,0.69,0.699,0
 8.966, 0.704, 4.93, 0, 0.699, 9.091, 18.182, 0.694, 0.694, 1.399, 0, 0, 88.811, 0, 0.694, 0, 83.333, 0.676, 4, 0.667, 0, 0, 0, 0, 0, 100, 0, 0
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, 0.667, 0, 0, 20.134, 1.342, 0, 0, 0, 96.622, 2.027, 0, 0.676, 0, 0, 0, 0, 0.676, 0, 80.405, 0, 0, 0, 69.231, 0.952, 0, 0, 13.514, 0, 0, 0, 69.53, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952, 0.952,
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 4.189,0,0,0,0,0,0,0,0,98.639,0,70.068,0,0,0,2.041,0,0,12.245,0,0,0,4.762,0,0,2.721,0.685,100,0,0,61.379,0,0,0.69,0,0
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 71,0,0,0,0,0,0,0,0,0,0.671,0,0,0,0,98.658,0.671,0,0,0,0.699,0,0.699,0,0.685,0,0.676,39.865,0.685,0,0,0,0,0,0.68,0
  .69, 1.379, 18.382, 0, 0, 6.993, 18.056, 17.007, 0, 9.722, 0, 1.37, 0.69, 24.828, 3.472, 0, 0, 2.083, 0.704, 0, 48.921, 1.439, 2.158, 0, 65.
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0,0,0,0,0,18.644,0,0,0,0,0,0,0,87.705)
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 ,11.333,0,2,5.333,0,0,0,0,0,0.671,0,0,0,89.116,0.69,82.759,0.69,0,20.979,7.639,0.694,0,1.389,0.694,0,0,1.389,97.222,0,
40.278,0,0,0,0,26.277)
> F <- c(f0,f1,f2,f3,f4,f5,f6,f7,f8,f9,f10,f11)
1.361,0,0.694,0,0,0.691,0.691,0.694,0.694,0.694,0.694,0.694,0.694,0.694,0.695,0.685,0.685,0.695,0.695,0.695,0.695,0.695,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.685,0.68
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65,0,36.913,0,0.671,0,0,0,0,0,0,0,0,0.676,0,0,0.676,2.703,0.676,0,0,1.351,0,0,2.027,0,0,2.027,0,0,0,0,0,52.381,0,0,68.919,
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685,0,0.68,0,0,0,0,0,0.685,0,0,0,0,0,0,1.379,29.412,0,0,6.294,4.167,0.68,0.685,0.694,0,0.685,0,0,9.722,0,0,6.944,0,0,0
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1,74.803,0,0,3.846,0,0,0,0,0,1.418,0)
7,0,0,0,0,0,0,0,0,21.333,0,0)
c(0,0,0,0,0,0,0,0,0,0,0,0,0,0.68,0.676,0.685,0.685,0,0,0,0,0.685,0.769,0,0,0,0,0.69,28.148,0,0,7.042,2.817,0.699,1.399,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699,0.699
 ,0.704,0,0.709,0,0,13.38,0,0,4.225,1.429,0,1.418,0,7.353,2.174,0,0,38.971,0,27.66,0,0.709,0,1.418,6.383,0,0.714,0,0,
0, 0, 1.439, 0, 0, 0.704, 0, 0, 96.667, 100, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 39.333, 0.667, 0, 6.667, 0, 0, 100, 0, 0, 0, 0, 2, 0, 4.667, 0, 0, 2.66
7, 2.685, 0, 1.342, 1.342, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0.667, 0.667, 0.667, 0.3.356, 56.376, 2.013, 0.671, 0, 0, 0, 1.351, 0, 0, 3.378, 0, 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, 0, 0, 0, 0, 0, 0.671, 0, 74.324, 0, 0, 0, 0, 0, 0.671, 0, 0, 23.49, 0, 0, 0, 0, 0, 0, 0, 0.676, 0, 0.676, 0, 79.054, 1.342, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.671, 0.67
 , 0, 0, 0, 10.204, 0, 41.497, 0, 2.041, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0.676, 6.081, 0, 0, 0, 1.351, 0, 0, 0, 0, 2.027, 0.676, 0, 0, 55.172, 0, 0, 77.703
 > q7 <-
0,0,0,0,0,1.342,0,0,30.872,6.711,0,0,0,0,0,0.671,0,0,0,0,0,0,0.13.333,0,0,0,0,0,19.333,0,0,0,0,0,0,0,0.694,0,0
,0.676,0,8.108,0,0.667,0.667,0,0,0.667,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,18.571,1.429,0,19.424,0,0,55.396,0.73,0
 (0,0,0,0,0.781,4,0,0,0.806,64.516,0,0,0,0,0,4.255,0,0,0,0,87.719,0,0,75.49,0,5.677,0,2.151,0,0,0,90.196,0,0,0,3.125,
71,0,0,0,0,82,0,0,0,0,0,0,0,0,0,0,0,0,0,6.667,0,0,0,0,14,60)
059, 0, 0.962, 0, 0, 0.962, 0, 0, 0, 2.222, 0, 0, 0, 0, 1.754, 0, 82.143, 0, 0, 0, 0, 98.361, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4.762, 0, 0, 0, 0.99, 0, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.79, 0.
0,0,0,0,0,0,0,0,6.897,0,0.68,20.408)
0,0.694,0.69,0,0,1.361,0,2.703,2.027,98.639,0,1.361,0,0.667,6.711,1.351,3.356,16.107,24.832,1.351,0.676,0,1.342,0,0,
, 0, 0, 0, 0, 0, 0.667, 0, 0, 4.667, 4, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.685, 2.273, 0, 0, 0, 1.333, 0, 0, 0, 0, 0, 2.239, 0, 0, 3.333, 0.667, 0, 2.667, 6.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.667, 0, 0.
 ,0,0.667,2.667,0,0,0,0,0,0,0,0,0,0,10.345,0,0.694,0,0,0,0,0,0.694,0,0,0.694,0,56.25,0,0,0,0,0.73)
```

```
0,0,0,0,6.25,0,0,0,3.846)
> Y \leftarrow c(g0,g1,g2,g3,g4,g5,g6,g7,g8,g9,g10,g11)
> cor.test(Q, L,alternative = "two.sided", method = "spearman", exact=FALSE )
    Spearman's rank correlation rho
data: Q and L
S = 6425330896, p-value = 0.7256
alternative hypothesis: true rho is not equal to 0
sample estimates:
       rho
0.006035743
> # ---- Confidence interval ----
> if(!"RVAideMemoire" %in% installed.packages()){install.packages("RVAideMemoire")}
> library(RVAideMemoire)
*** Package RVAideMemoire v 0.9-83-7 ***
> spearman.ci(Q,L)
    Spearman's rank correlation
data: Q and L
1000 replicates
95 percent confidence interval:
-0.02627823 0.03879387
sample estimates:
       rho
0.006035743
> cor.test(T, I,alternative = "two.sided", method = "spearman", exact=FALSE )
    Spearman's rank correlation rho
data: T and I
S = 5040436481, p-value < 2.2e-16
alternative hypothesis: true rho is not equal to 0
sample estimates:
     rho
0.2202715
> # ---- Confidence interval ----
> if(!"RVAideMemoire" %in% installed.packages()){install.packages("RVAideMemoire")}
> library(RVAideMemoire)
> spearman.ci(T,I)
    Spearman's rank correlation
data: T and I
1000 replicates
95 percent confidence interval:
0.1867070 0.2489922
sample estimates:
     rho
0.2202715
> cor.test(T, V,alternative = "two.sided", method = "spearman", exact=FALSE )
    Spearman's rank correlation rho
data: T and V
S = 4518732606, p-value < 2.2e-16
alternative hypothesis: true rho is not equal to \ensuremath{\mathfrak{0}}
sample estimates:
     rho
0.3009763
> # ---- Confidence interval ----
> if(!"RVAideMemoire" %in% installed.packages()){install.packages("RVAideMemoire")}
> library(RVAideMemoire)
```

```
> spearman.ci(T,V)
    Spearman's rank correlation
data: T and V
1000 replicates
95 percent confidence interval:
0.2712841 0.3343107
sample estimates:
     rho
0.3009763
> cor.test(F, Y,alternative = "two.sided", method = "spearman", exact=FALSE )
    Spearman's rank correlation rho
data: F and Y
S = 4128087606, p-value < 2.2e-16
alternative hypothesis: true rho is not equal to \ensuremath{\mathbf{0}}
sample estimates:
0.361407
> # ---- Confidence interval ----
> if(!"RVAideMemoire" %in% installed.packages()){install.packages("RVAideMemoire")}
> library(RVAideMemoire)
> spearman.ci(F,Y)
    Spearman's rank correlation
data: F and Y
1000 replicates
95 percent confidence interval:
0.3236928 0.3972008
sample estimates:
    rho
0.361407
> library(PResiduals)
> partial_Spearman(Q | L ~ CS)
                       est stderr
                                            p lower CI upper CI
partial Spearman -0.1974231 0.01579742 4.497743e-34 -0.2281793 -0.1662734
Fisher Transform: TRUE
Confidence Interval: 95%
Number of Observations: 3385
> partial_Spearman(T | I ~ CS)
                               stderr
                       est
                                                   lower CI upper CI
partial Spearman 0.08557264 0.01778809 1.691646e-06 0.05061795 0.1203179
Fisher Transform: TRUE
Confidence Interval: 95%
Number of Observations: 3385
> partial_Spearman(T | V \sim CS)
                      est
                             stderr
                                                p lower CI upper CI
partial Spearman 0.1460161 0.01759052 2.783753e-16 0.1113754 0.1803023
Fisher Transform: TRUE
Confidence Interval: 95%
Number of Observations: 3385
> partial_Spearman(TI V~ I)
                             stderr
                                               p lower CI upper CI
                     est
partial Spearman 0.3219118 0.0160636 2.002199e-77 0.2900809 0.3530312
Fisher Transform: TRUE
Confidence Interval: 95%
Number of Observations: 3385
> partial_Spearman(T| I \sim V)
                              stderr
                      est
                                                p lower CI upper CI
partial Spearman 0.2289043 0.01674845 1.075356e-39 0.1958289 0.2614594
Fisher Transform: TRUE
Confidence Interval: 95%
Number of Observations: 3385
> partial_Spearman(V | I ~ CS)
                      est
                             stderr
                                                 p lower CI upper CI
partial Spearman 0.5804047 0.01452785 3.187806e-201 0.5512213 0.6081698
```

```
Fisher Transform: TRUE
Confidence Interval: 95%
Number of Observations: 3385
> partial_Spearman(F | Y ~ CS)
                      est
                              stderr
                                                p lower CI upper CI
partial Spearman 0.327812 0.01877844 7.208289e-59 0.290524 0.3641059
Fisher Transform: TRUE
Confidence Interval: 95%
Number of Observations: 3385
> cor.test(V, I,alternative = "two.sided", method = "spearman", exact=FALSE )
    Spearman's rank correlation rho
data: V and I
S = 2485064632, p-value < 2.2e-16
alternative hypothesis: true rho is not equal to 0
sample estimates:
0.6155738
> # ---- Confidence interval ----
> if(!"RVAideMemoire" %in% installed.packages()){install.packages("RVAideMemoire")}
> library(RVAideMemoire)
> spearman.ci(V,I)
    Spearman's rank correlation
data: V and I
1000 replicates
95 percent confidence interval:
 0.5891262 0.6407399
sample estimates:
     rho
0.6155738
> partial_Spearman(VI I \sim CS)
                               stderr
                                                  p lower CI upper CI
                       est
partial Spearman 0.5804047 0.01452785 3.187806e-201 0.5512213 0.6081698
Fisher Transform: TRUE
Confidence Interval: 95%
Number of Observations: 3385
> partial_Spearman(T | V ~ A)
                       est
                               stderr
                                                 p lower CI upper CI
partial Spearman 0.2964541 0.01629872 1.394196e-65 0.2641874 0.328058
Fisher Transform: TRUE
Confidence Interval: 95%
Number of Observations: 3385
```