Untitled

## Inference for the input samples (8 chains: each with iter = 1000; warmup = 0):  
##   
## Q5 Q50 Q95 Mean SD Rhat Bulk\_ESS  
## totalN 3666.5 5168.5 7381.2 5298.3 1139.7 1.01 572  
## alpha0 2.6 3.3 3.9 3.3 0.4 1.01 481  
## alpha1 1.9 2.5 3.1 2.5 0.4 1.00 599  
## alpha2 -2.2 -1.6 -1.1 -1.6 0.3 1.01 596  
## alpha3 -0.1 0.0 0.1 0.0 0.1 1.00 814  
## alpha4 0.1 0.2 0.3 0.2 0.1 1.00 860  
## alpha5 0.2 0.4 0.6 0.4 0.1 1.01 598  
## alpha6 -0.5 0.0 0.6 0.0 0.3 1.00 515  
## beta0 -1.5 -1.1 -0.7 -1.1 0.2 1.02 608  
## beta1 0.1 0.2 0.4 0.2 0.1 1.01 900  
## beta2 -0.2 -0.1 0.0 -0.1 0.1 1.01 759  
## beta3 0.0 0.1 0.1 0.1 0.0 1.01 850  
## beta4 -0.8 -0.6 -0.3 -0.6 0.1 1.02 580  
## beta5 0.1 0.2 0.3 0.2 0.1 1.00 937  
## beta6 0.0 0.1 0.2 0.1 0.1 1.00 814  
## sd\_eps 1.1 1.5 2.1 1.5 0.3 1.00 531  
## sd\_p 0.6 0.7 0.9 0.7 0.1 1.01 582  
## N[1] 0.0 0.0 1.0 0.1 0.3 1.00 989  
## N[2] 0.0 0.0 1.0 0.1 0.3 1.00 1005  
## N[3] 0.0 0.0 1.0 0.1 0.4 1.00 929  
## N[4] 0.0 0.0 1.0 0.1 0.4 1.00 1078  
## N[5] 0.0 0.0 1.0 0.2 0.4 1.00 1006  
## N[6] 0.0 0.0 1.0 0.1 0.4 1.00 1115  
## N[7] 102.0 171.0 277.0 177.9 52.3 1.01 693  
## N[8] 99.0 154.0 224.0 156.4 38.9 1.01 659  
## N[9] 99.0 159.0 246.0 163.6 43.8 1.01 649  
## N[10] 51.0 81.0 130.0 84.9 24.2 1.01 737  
## N[11] 67.0 113.0 198.0 120.7 40.8 1.01 630  
## N[12] 70.0 122.0 227.0 130.8 46.5 1.01 648  
## N[13] 38.0 65.0 107.0 68.1 21.0 1.01 759  
## N[14] 64.0 123.0 225.0 132.4 51.9 1.01 607  
## N[15] 62.0 115.0 203.0 120.9 43.8 1.01 647  
## N[16] 8.0 16.0 26.0 16.3 5.8 1.00 958  
## N[17] 12.0 24.0 43.0 25.6 9.5 1.00 777  
## N[18] 13.0 26.0 48.0 27.4 10.6 1.00 743  
## N[19] 45.0 86.0 161.0 92.1 36.1 1.02 580  
## N[20] 33.0 57.0 93.0 58.9 18.6 1.01 756  
## N[21] 24.0 41.5 67.0 43.2 13.1 1.00 854  
## N[22] 4.0 10.0 16.0 9.8 3.7 1.02 528  
## N[23] 7.0 13.0 21.0 13.3 4.5 1.00 962  
## N[24] 6.0 12.0 19.0 11.7 3.9 1.00 971  
## N[25] 6.0 13.0 20.0 12.8 4.2 1.00 981  
## N[26] 5.0 11.0 18.0 11.2 4.2 1.01 867  
## N[27] 3.0 8.0 14.0 8.4 3.4 1.01 929  
## N[28] 6.0 12.0 19.0 11.8 4.2 1.00 1001  
## N[29] 5.0 11.0 19.0 11.6 4.4 1.00 1026  
## N[30] 7.0 14.0 23.0 14.1 4.8 1.00 934  
## N[31] 56.0 78.0 104.0 78.8 15.6 1.00 1111  
## N[32] 45.0 64.0 88.0 65.0 12.9 1.00 1012  
## N[33] 63.0 98.0 146.0 100.4 25.9 1.00 806  
## N[34] 0.0 0.0 1.0 0.2 0.4 1.00 947  
## N[35] 0.0 0.0 1.0 0.2 0.5 1.00 948  
## N[36] 0.0 0.0 1.0 0.2 0.5 1.00 952  
## N[37] 72.0 114.0 166.0 115.4 28.7 1.01 657  
## N[38] 72.0 112.0 167.0 114.8 29.1 1.01 618  
## N[39] 54.0 77.0 109.0 78.7 16.8 1.00 803  
## N[40] 82.0 132.0 201.0 134.8 35.7 1.01 651  
## N[41] 53.0 80.0 116.0 81.4 19.9 1.00 779  
## N[42] 57.0 87.0 131.0 89.6 22.3 1.01 706  
## N[43] 33.0 52.0 79.0 53.3 14.2 1.01 650  
## N[44] 37.0 58.0 87.0 59.4 15.3 1.02 742  
## N[45] 51.0 88.0 144.0 90.3 28.2 1.02 572  
## N[46] 53.0 90.0 153.0 94.5 30.7 1.02 622  
## N[47] 51.0 99.0 181.0 104.4 41.6 1.01 552  
## N[48] 29.0 47.0 73.0 48.7 13.4 1.01 761  
## N[49] 14.0 23.0 37.0 24.2 7.0 1.00 1026  
## N[50] 13.0 22.0 34.0 22.0 6.5 1.00 885  
## N[51] 10.0 17.0 28.0 17.8 5.6 1.00 1034  
## N[52] 20.0 43.0 87.0 47.0 21.1 1.01 682  
## N[53] 17.0 32.0 57.0 34.3 12.7 1.01 657  
## N[54] 19.0 32.0 53.0 33.6 10.8 1.01 913  
## N[55] 14.0 24.0 40.0 25.4 7.8 1.00 781  
## N[56] 20.0 37.0 64.0 38.8 13.7 1.01 748  
## N[57] 20.0 36.0 64.0 38.6 13.6 1.01 596  
## N[58] 12.0 21.0 35.0 22.2 7.4 1.00 1009  
## N[59] 17.0 29.0 47.0 30.1 9.9 1.00 763  
## N[60] 14.0 25.0 40.0 25.7 8.1 1.00 949  
## N[61] 2.0 8.0 18.0 8.7 5.1 1.00 948  
## N[62] 2.0 7.0 18.0 8.4 4.8 1.01 826  
## N[63] 2.0 7.0 15.0 7.4 4.1 1.00 890  
## N[64] 12.0 21.0 34.0 21.9 6.8 1.00 949  
## N[65] 14.0 24.0 37.0 24.5 7.1 1.00 978  
## N[66] 17.0 28.0 41.0 28.2 7.9 1.00 961  
## N[67] 10.0 24.0 50.0 26.1 12.6 1.02 813  
## N[68] 9.0 21.0 43.0 22.8 10.6 1.01 818  
## N[69] 6.0 14.0 26.0 14.8 6.3 1.01 879  
## N[70] 5.0 14.0 29.0 15.3 7.6 1.01 859  
## N[71] 3.0 8.0 16.0 8.6 4.0 1.01 977  
## N[72] 6.0 16.0 36.0 18.3 9.7 1.01 908  
## N[73] 9.0 22.0 42.0 23.1 10.5 1.01 787  
## N[74] 8.0 18.0 33.0 19.1 8.2 1.02 714  
## N[75] 6.0 14.0 26.0 14.9 6.5 1.01 861  
## N[76] 0.0 1.0 3.0 0.8 1.0 1.00 959  
## N[77] 0.0 1.0 3.0 0.9 1.1 1.00 981  
## N[78] 0.0 1.0 3.0 0.9 1.0 1.00 1057  
## N[79] 25.0 54.0 110.0 59.2 26.3 1.01 676  
## N[80] 32.0 64.0 128.0 69.8 30.6 1.01 634  
## N[81] 29.0 48.0 75.0 49.8 14.1 1.00 793  
## N[82] 47.0 83.0 137.0 86.0 28.4 1.02 532  
## N[83] 17.0 37.0 70.0 39.0 16.3 1.01 697  
## N[84] 15.0 29.0 50.0 30.2 11.2 1.01 827  
## N[85] 18.0 33.0 58.0 35.3 12.9 1.00 863  
## N[86] 16.0 30.0 54.0 31.7 11.8 1.00 834  
## N[87] 26.0 51.0 97.0 55.0 22.6 1.02 582  
## N[88] 27.0 52.0 99.0 55.6 22.6 1.01 696  
## N[89] 7.0 14.0 24.0 14.8 5.2 1.00 949  
## N[90] 9.0 16.0 28.0 17.1 5.8 1.00 951  
## N[91] 0.0 0.0 0.0 0.0 0.2 1.00 940  
## N[92] 0.0 0.0 0.0 0.0 0.2 1.00 970  
## N[93] 0.0 0.0 0.0 0.0 0.2 1.00 1061  
## N[94] 0.0 0.0 0.0 0.0 0.2 1.00 895  
## N[95] 0.0 0.0 0.0 0.0 0.2 1.00 1105  
## N[96] 0.0 0.0 0.0 0.0 0.2 1.00 999  
## N[97] 0.0 0.0 1.0 0.1 0.2 1.00 1058  
## N[98] 0.0 0.0 0.0 0.0 0.2 1.00 981  
## N[99] 0.0 0.0 0.0 0.0 0.2 1.00 1003  
## N[100] 0.0 0.0 0.0 0.1 0.3 1.00 1030  
## N[101] 0.0 0.0 0.0 0.0 0.2 1.00 999  
## N[102] 0.0 0.0 1.0 0.1 0.3 1.00 902  
## N[103] 0.0 0.0 1.0 0.1 0.3 1.00 889  
## N[104] 0.0 0.0 1.0 0.1 0.4 1.00 934  
## N[105] 0.0 0.0 1.0 0.1 0.3 1.00 1057  
## N[106] 0.0 0.0 1.0 0.1 0.4 0.99 931  
## N[107] 0.0 0.0 1.0 0.1 0.3 1.00 996  
## N[108] 0.0 0.0 1.0 0.1 0.3 1.00 994  
## N[109] 0.0 0.0 1.0 0.3 0.6 1.00 979  
## N[110] 0.0 0.0 1.0 0.2 0.5 1.00 1149  
## N[111] 0.0 0.0 1.0 0.2 0.5 1.00 915  
## N[112] 0.0 0.0 1.0 0.2 0.5 1.00 966  
## N[113] 0.0 0.0 1.0 0.2 0.5 1.00 961  
## N[114] 0.0 0.0 1.0 0.2 0.5 1.00 1030  
## N[115] 0.0 0.0 1.0 0.2 0.5 1.00 1167  
## N[116] 0.0 0.0 1.0 0.2 0.5 1.00 1043  
## N[117] 0.0 0.0 1.0 0.3 0.6 1.00 1009  
## N[118] 16.0 29.0 45.0 29.5 8.8 1.01 908  
## N[119] 17.0 30.0 46.0 30.1 8.6 1.00 1030  
## N[120] 18.0 29.0 45.0 29.3 8.3 1.00 958  
## N[121] 4.0 10.0 22.0 11.5 5.6 1.01 913  
## N[122] 2.0 7.0 14.0 7.4 3.6 1.00 813  
## N[123] 4.0 9.0 18.0 9.7 4.6 1.00 921  
## N[124] 0.0 0.0 2.0 0.4 0.7 1.00 1054  
## N[125] 0.0 0.0 2.0 0.6 0.9 1.00 951  
## N[126] 0.0 0.0 3.0 0.8 1.2 1.01 965  
## N[127] 0.0 0.0 2.0 0.5 0.8 1.00 885  
## N[128] 0.0 0.0 3.0 0.7 1.0 1.00 1131  
## N[129] 0.0 0.0 3.0 0.8 1.0 1.00 999  
## N[130] 16.0 27.0 42.0 27.8 8.0 1.00 955  
## N[131] 37.0 61.0 96.0 62.9 18.7 1.00 856  
## N[132] 42.0 77.0 133.0 81.3 28.6 1.01 737  
## N[133] 8.0 15.0 24.0 15.3 5.1 1.00 1048  
## N[134] 11.0 21.0 35.0 22.0 7.3 1.00 895  
## N[135] 14.0 27.0 45.0 28.0 9.5 1.00 806  
## N[136] 72.0 128.0 225.0 136.2 47.4 1.01 677  
## N[137] 63.0 112.0 190.0 117.6 39.3 1.01 702  
## N[138] 75.0 136.0 231.0 143.8 48.1 1.01 724  
## N[139] 14.0 25.0 39.0 25.7 7.6 1.00 905  
## N[140] 16.0 28.0 44.0 28.5 8.4 1.01 836  
## N[141] 14.0 24.0 37.0 24.6 7.1 1.00 959  
## N[142] 10.0 21.0 38.0 22.4 8.4 1.01 822  
## N[143] 14.0 30.0 57.0 32.3 13.4 1.01 750  
## N[144] 12.0 22.0 36.0 22.8 7.7 1.00 910  
## N[145] 0.0 0.0 2.0 0.3 0.6 1.00 827  
## N[146] 0.0 0.0 2.0 0.4 0.7 1.00 1057  
## N[147] 0.0 0.0 2.0 0.5 0.8 1.00 905  
## N[148] 8.0 16.0 26.0 16.5 5.6 1.00 892  
## N[149] 9.0 17.0 28.0 17.5 5.7 1.00 961  
## N[150] 13.0 23.0 38.0 23.6 7.6 1.00 704  
## N[151] 4.0 9.0 17.0 9.9 4.5 1.00 1043  
## N[152] 5.0 12.0 24.0 13.1 5.9 1.00 899  
## N[153] 4.0 11.0 21.0 11.7 5.5 1.00 942  
## N[154] 15.0 25.0 39.0 25.9 7.3 1.00 955  
## N[155] 20.0 32.0 49.0 33.4 8.9 1.00 1010  
## N[156] 27.0 43.0 71.0 45.5 13.6 1.01 797  
## N[157] 41.0 62.0 98.0 64.9 17.7 1.00 765  
## N[158] 35.0 59.0 95.0 60.7 18.6 1.00 781  
## N[159] 34.0 55.0 85.0 56.8 15.7 1.00 852  
## p[1,1] 0.1 0.4 0.7 0.4 0.2 1.00 924  
## p[2,1] 0.1 0.3 0.6 0.3 0.1 1.00 1105  
## p[3,1] 0.1 0.2 0.5 0.3 0.1 1.00 889  
## p[4,1] 0.1 0.3 0.6 0.3 0.2 1.01 873  
## p[5,1] 0.1 0.2 0.5 0.2 0.1 1.00 837  
## p[6,1] 0.1 0.2 0.5 0.2 0.1 1.02 635  
## p[7,1] 0.1 0.1 0.2 0.1 0.0 1.01 704  
## p[8,1] 0.1 0.2 0.3 0.2 0.1 1.01 741  
## p[9,1] 0.1 0.1 0.2 0.1 0.0 1.00 756  
## p[10,1] 0.3 0.5 0.8 0.5 0.1 1.01 605  
## p[11,1] 0.1 0.2 0.4 0.3 0.1 1.01 672  
## p[12,1] 0.1 0.2 0.4 0.2 0.1 1.01 667  
## p[13,1] 0.1 0.2 0.4 0.2 0.1 1.01 610  
## p[14,1] 0.1 0.2 0.3 0.2 0.1 1.01 607  
## p[15,1] 0.1 0.1 0.3 0.2 0.1 1.01 599  
## p[16,1] 0.1 0.1 0.3 0.2 0.1 1.00 940  
## p[17,1] 0.0 0.1 0.2 0.1 0.0 1.00 845  
## p[18,1] 0.1 0.2 0.4 0.2 0.1 1.00 825  
## p[19,1] 0.1 0.2 0.4 0.2 0.1 1.01 643  
## p[20,1] 0.1 0.1 0.3 0.1 0.1 1.01 825  
## p[21,1] 0.0 0.1 0.2 0.1 0.0 1.00 912  
## p[22,1] 0.2 0.4 0.6 0.4 0.1 1.01 962  
## p[23,1] 0.2 0.4 0.6 0.4 0.1 1.00 853  
## p[24,1] 0.2 0.3 0.5 0.3 0.1 1.01 955  
## p[25,1] 0.2 0.3 0.6 0.3 0.1 1.00 896  
## p[26,1] 0.1 0.2 0.3 0.2 0.1 1.00 898  
## p[27,1] 0.1 0.3 0.5 0.3 0.1 1.00 954  
## p[28,1] 0.3 0.5 0.8 0.5 0.1 1.00 968  
## p[29,1] 0.2 0.4 0.6 0.4 0.1 1.00 1016  
## p[30,1] 0.1 0.2 0.4 0.2 0.1 1.00 855  
## p[31,1] 0.1 0.2 0.3 0.2 0.0 1.00 1106  
## p[32,1] 0.2 0.2 0.4 0.3 0.1 1.00 921  
## p[33,1] 0.1 0.1 0.2 0.1 0.0 1.01 727  
## p[34,1] 0.2 0.5 0.8 0.5 0.2 1.00 967  
## p[35,1] 0.2 0.4 0.7 0.4 0.2 1.00 986  
## p[36,1] 0.1 0.3 0.6 0.3 0.2 1.00 1108  
## p[37,1] 0.0 0.1 0.1 0.1 0.0 1.00 856  
## p[38,1] 0.0 0.1 0.1 0.1 0.0 1.01 824  
## p[39,1] 0.1 0.1 0.2 0.1 0.0 1.00 853  
## p[40,1] 0.0 0.1 0.1 0.1 0.0 1.00 845  
## p[41,1] 0.2 0.3 0.4 0.3 0.1 1.00 715  
## p[42,1] 0.0 0.1 0.1 0.1 0.0 1.00 910  
## p[43,1] 0.1 0.2 0.3 0.2 0.1 1.00 828  
## p[44,1] 0.2 0.3 0.4 0.3 0.1 1.02 731  
## p[45,1] 0.0 0.1 0.1 0.1 0.0 1.01 740  
## p[46,1] 0.0 0.1 0.1 0.1 0.0 1.01 698  
## p[47,1] 0.0 0.1 0.2 0.1 0.0 1.00 658  
## p[48,1] 0.1 0.2 0.4 0.2 0.1 1.00 855  
## p[49,1] 0.2 0.3 0.5 0.3 0.1 1.01 899  
## p[50,1] 0.1 0.2 0.4 0.2 0.1 1.00 881  
## p[51,1] 0.2 0.3 0.5 0.3 0.1 1.01 1001  
## p[52,1] 0.0 0.0 0.1 0.0 0.0 1.00 861  
## p[53,1] 0.0 0.1 0.1 0.1 0.0 1.01 819  
## p[54,1] 0.0 0.1 0.2 0.1 0.0 1.01 873  
## p[55,1] 0.0 0.1 0.2 0.1 0.1 1.01 956  
## p[56,1] 0.0 0.1 0.2 0.1 0.0 1.02 725  
## p[57,1] 0.1 0.1 0.2 0.1 0.1 1.00 798  
## p[58,1] 0.1 0.2 0.4 0.2 0.1 1.00 879  
## p[59,1] 0.1 0.1 0.2 0.1 0.1 1.00 931  
## p[60,1] 0.1 0.2 0.3 0.2 0.1 1.00 907  
## p[61,1] 0.0 0.1 0.3 0.1 0.1 1.01 825  
## p[62,1] 0.0 0.1 0.3 0.1 0.1 1.01 819  
## p[63,1] 0.0 0.1 0.2 0.1 0.1 1.00 942  
## p[64,1] 0.2 0.4 0.6 0.4 0.1 1.00 775  
## p[65,1] 0.2 0.4 0.6 0.4 0.1 1.00 889  
## p[66,1] 0.2 0.3 0.4 0.3 0.1 1.00 918  
## p[67,1] 0.0 0.1 0.3 0.2 0.1 1.01 712  
## p[68,1] 0.0 0.1 0.2 0.1 0.1 1.00 806  
## p[69,1] 0.0 0.1 0.2 0.1 0.1 1.00 927  
## p[70,1] 0.0 0.1 0.2 0.1 0.0 1.00 1002  
## p[71,1] 0.1 0.1 0.3 0.2 0.1 1.00 856  
## p[72,1] 0.0 0.1 0.2 0.1 0.1 1.00 909  
## p[73,1] 0.0 0.1 0.1 0.1 0.0 1.00 853  
## p[74,1] 0.1 0.1 0.3 0.1 0.1 1.00 870  
## p[75,1] 0.1 0.1 0.3 0.2 0.1 1.01 866  
## p[76,1] 0.1 0.3 0.6 0.3 0.1 1.00 961  
## p[77,1] 0.1 0.3 0.5 0.3 0.1 1.00 1006  
## p[78,1] 0.1 0.3 0.6 0.3 0.1 1.01 943  
## p[79,1] 0.1 0.2 0.4 0.2 0.1 1.00 743  
## p[80,1] 0.1 0.2 0.3 0.2 0.1 1.00 612  
## p[81,1] 0.3 0.5 0.7 0.5 0.1 1.01 706  
## p[82,1] 0.1 0.2 0.3 0.2 0.1 1.01 613  
## p[83,1] 0.1 0.2 0.3 0.2 0.1 1.01 808  
## p[84,1] 0.2 0.3 0.6 0.3 0.1 1.01 825  
## p[85,1] 0.1 0.2 0.5 0.3 0.1 1.01 894  
## p[86,1] 0.0 0.1 0.2 0.1 0.0 1.01 957  
## p[87,1] 0.1 0.2 0.4 0.2 0.1 1.01 678  
## p[88,1] 0.1 0.2 0.4 0.3 0.1 1.00 757  
## p[89,1] 0.1 0.3 0.5 0.3 0.1 1.00 825  
## p[90,1] 0.0 0.1 0.3 0.1 0.1 1.00 985  
## p[91,1] 0.1 0.3 0.6 0.3 0.1 1.00 879  
## p[92,1] 0.1 0.2 0.6 0.3 0.1 1.00 947  
## p[93,1] 0.1 0.2 0.6 0.3 0.1 1.00 1073  
## p[94,1] 0.1 0.2 0.5 0.2 0.1 1.00 762  
## p[95,1] 0.1 0.2 0.5 0.3 0.1 1.00 890  
## p[96,1] 0.1 0.3 0.6 0.3 0.2 1.00 872  
## p[97,1] 0.1 0.3 0.7 0.4 0.2 1.00 948  
## p[98,1] 0.2 0.5 0.8 0.5 0.2 1.00 1006  
## p[99,1] 0.2 0.5 0.8 0.5 0.2 1.00 826  
## p[100,1] 0.2 0.5 0.8 0.5 0.2 1.00 928  
## p[101,1] 0.2 0.5 0.8 0.5 0.2 1.00 1067  
## p[102,1] 0.2 0.5 0.8 0.5 0.2 1.01 924  
## p[103,1] 0.1 0.2 0.6 0.3 0.2 1.00 1033  
## p[104,1] 0.0 0.1 0.4 0.2 0.1 1.00 973  
## p[105,1] 0.1 0.2 0.5 0.3 0.1 1.00 929  
## p[106,1] 0.1 0.2 0.5 0.2 0.1 1.00 807  
## p[107,1] 0.1 0.3 0.7 0.3 0.2 1.00 939  
## p[108,1] 0.1 0.3 0.6 0.3 0.2 1.00 965  
## p[109,1] 0.1 0.3 0.5 0.3 0.1 1.00 963  
## p[110,1] 0.1 0.2 0.5 0.2 0.1 1.01 989  
## p[111,1] 0.1 0.3 0.6 0.3 0.1 1.00 935  
## p[112,1] 0.1 0.2 0.6 0.3 0.1 1.01 880  
## p[113,1] 0.1 0.3 0.6 0.3 0.2 1.00 963  
## p[114,1] 0.1 0.3 0.6 0.3 0.2 1.00 982  
## p[115,1] 0.2 0.5 0.8 0.5 0.2 1.00 886  
## p[116,1] 0.2 0.5 0.8 0.5 0.2 1.00 913  
## p[117,1] 0.1 0.3 0.7 0.4 0.2 1.00 856  
## p[118,1] 0.0 0.1 0.2 0.1 0.0 1.01 888  
## p[119,1] 0.0 0.1 0.1 0.1 0.0 1.00 1031  
## p[120,1] 0.0 0.1 0.2 0.1 0.0 1.01 961  
## p[121,1] 0.0 0.1 0.3 0.1 0.1 1.00 877  
## p[122,1] 0.0 0.1 0.3 0.1 0.1 1.00 857  
## p[123,1] 0.0 0.1 0.2 0.1 0.1 1.00 937  
## p[124,1] 0.1 0.3 0.6 0.3 0.1 1.00 1039  
## p[125,1] 0.1 0.2 0.5 0.2 0.1 1.00 1045  
## p[126,1] 0.0 0.1 0.4 0.2 0.1 1.01 778  
## p[127,1] 0.1 0.2 0.5 0.2 0.1 1.00 873  
## p[128,1] 0.1 0.2 0.4 0.2 0.1 1.00 987  
## p[129,1] 0.0 0.1 0.4 0.2 0.1 1.01 893  
## p[130,1] 0.2 0.4 0.5 0.4 0.1 1.00 995  
## p[131,1] 0.1 0.1 0.2 0.1 0.1 1.00 860  
## p[132,1] 0.1 0.1 0.3 0.2 0.1 1.01 849  
## p[133,1] 0.1 0.2 0.4 0.2 0.1 1.01 1024  
## p[134,1] 0.1 0.1 0.2 0.1 0.1 1.01 774  
## p[135,1] 0.1 0.1 0.3 0.1 0.1 1.00 704  
## p[136,1] 0.0 0.1 0.1 0.1 0.0 1.00 874  
## p[137,1] 0.0 0.0 0.1 0.1 0.0 1.01 943  
## p[138,1] 0.0 0.1 0.1 0.1 0.0 1.00 833  
## p[139,1] 0.1 0.2 0.4 0.2 0.1 1.00 836  
## p[140,1] 0.1 0.1 0.3 0.1 0.1 1.00 891  
## p[141,1] 0.2 0.3 0.5 0.3 0.1 1.00 904  
## p[142,1] 0.0 0.1 0.3 0.1 0.1 1.00 884  
## p[143,1] 0.0 0.1 0.2 0.1 0.1 1.00 833  
## p[144,1] 0.1 0.2 0.3 0.2 0.1 1.00 1002  
## p[145,1] 0.2 0.5 0.8 0.5 0.2 1.00 988  
## p[146,1] 0.2 0.4 0.7 0.4 0.2 1.00 945  
## p[147,1] 0.1 0.2 0.5 0.3 0.1 1.01 922  
## p[148,1] 0.1 0.2 0.4 0.2 0.1 1.00 1016  
## p[149,1] 0.1 0.1 0.3 0.1 0.1 1.00 1042  
## p[150,1] 0.0 0.1 0.2 0.1 0.1 1.00 920  
## p[151,1] 0.0 0.1 0.3 0.1 0.1 1.01 1098  
## p[152,1] 0.0 0.1 0.2 0.1 0.1 1.00 982  
## p[153,1] 0.1 0.2 0.4 0.2 0.1 1.01 913  
## p[154,1] 0.1 0.2 0.3 0.2 0.1 1.00 954  
## p[155,1] 0.1 0.2 0.3 0.2 0.1 1.01 865  
## p[156,1] 0.0 0.1 0.2 0.1 0.0 1.00 1125  
## p[157,1] 0.1 0.2 0.3 0.2 0.1 1.00 827  
## p[158,1] 0.1 0.2 0.4 0.3 0.1 1.00 766  
## p[159,1] 0.1 0.1 0.2 0.1 0.0 1.00 932  
## p[1,2] 0.1 0.3 0.7 0.4 0.2 1.00 888  
## p[2,2] 0.1 0.2 0.5 0.3 0.1 1.00 897  
## p[3,2] 0.1 0.2 0.5 0.2 0.1 1.01 953  
## p[4,2] 0.1 0.2 0.6 0.3 0.1 1.00 895  
## p[5,2] 0.1 0.2 0.5 0.2 0.1 1.00 924  
## p[6,2] 0.1 0.2 0.5 0.2 0.1 1.01 892  
## p[7,2] 0.1 0.1 0.2 0.1 0.0 1.00 786  
## p[8,2] 0.1 0.1 0.2 0.1 0.0 1.00 814  
## p[9,2] 0.0 0.1 0.1 0.1 0.0 1.00 836  
## p[10,2] 0.2 0.4 0.6 0.4 0.1 1.01 593  
## p[11,2] 0.1 0.1 0.3 0.2 0.1 1.01 646  
## p[12,2] 0.1 0.3 0.5 0.3 0.1 1.01 658  
## p[13,2] 0.3 0.4 0.7 0.5 0.1 1.02 586  
## p[14,2] 0.1 0.1 0.3 0.2 0.1 1.01 721  
## p[15,2] 0.1 0.2 0.4 0.2 0.1 1.01 657  
## p[16,2] 0.1 0.3 0.5 0.3 0.1 1.00 839  
## p[17,2] 0.1 0.2 0.4 0.2 0.1 1.00 729  
## p[18,2] 0.1 0.2 0.4 0.2 0.1 1.01 743  
## p[19,2] 0.0 0.1 0.2 0.1 0.1 1.01 707  
## p[20,2] 0.1 0.1 0.2 0.1 0.1 1.00 853  
## p[21,2] 0.1 0.1 0.2 0.1 0.1 1.01 1010  
## p[22,2] 0.1 0.2 0.4 0.3 0.1 1.00 1023  
## p[23,2] 0.2 0.3 0.5 0.3 0.1 1.00 867  
## p[24,2] 0.3 0.5 0.7 0.5 0.1 1.00 906  
## p[25,2] 0.2 0.4 0.7 0.4 0.1 1.00 861  
## p[26,2] 0.1 0.3 0.5 0.3 0.1 1.00 928  
## p[27,2] 0.1 0.2 0.5 0.2 0.1 1.00 918  
## p[28,2] 0.3 0.5 0.7 0.5 0.1 1.01 873  
## p[29,2] 0.3 0.5 0.7 0.5 0.1 1.00 1025  
## p[30,2] 0.1 0.2 0.4 0.2 0.1 1.00 893  
## p[31,2] 0.4 0.6 0.8 0.6 0.1 1.01 896  
## p[32,2] 0.4 0.6 0.7 0.6 0.1 1.00 872  
## p[33,2] 0.2 0.3 0.5 0.3 0.1 1.00 815  
## p[34,2] 0.2 0.4 0.8 0.5 0.2 1.00 880  
## p[35,2] 0.1 0.4 0.7 0.4 0.2 1.00 982  
## p[36,2] 0.1 0.3 0.6 0.3 0.2 1.00 1061  
## p[37,2] 0.1 0.1 0.2 0.1 0.0 1.01 821  
## p[38,2] 0.1 0.2 0.3 0.2 0.1 1.01 754  
## p[39,2] 0.2 0.3 0.5 0.4 0.1 1.00 836  
## p[40,2] 0.1 0.2 0.3 0.2 0.1 1.00 842  
## p[41,2] 0.2 0.3 0.4 0.3 0.1 1.01 716  
## p[42,2] 0.2 0.2 0.4 0.3 0.1 1.00 763  
## p[43,2] 0.1 0.2 0.4 0.2 0.1 1.00 824  
## p[44,2] 0.1 0.2 0.4 0.2 0.1 1.01 795  
## p[45,2] 0.1 0.2 0.3 0.2 0.1 1.01 736  
## p[46,2] 0.1 0.2 0.4 0.2 0.1 1.01 642  
## p[47,2] 0.1 0.1 0.2 0.1 0.1 1.01 707  
## p[48,2] 0.1 0.2 0.4 0.2 0.1 1.00 755  
## p[49,2] 0.1 0.3 0.4 0.3 0.1 1.00 1015  
## p[50,2] 0.3 0.4 0.6 0.4 0.1 1.00 958  
## p[51,2] 0.3 0.4 0.6 0.5 0.1 1.00 861  
## p[52,2] 0.0 0.1 0.3 0.1 0.1 1.00 790  
## p[53,2] 0.1 0.1 0.3 0.1 0.1 1.01 730  
## p[54,2] 0.2 0.4 0.6 0.4 0.1 1.01 775  
## p[55,2] 0.1 0.1 0.2 0.1 0.1 1.00 869  
## p[56,2] 0.2 0.3 0.5 0.3 0.1 1.00 750  
## p[57,2] 0.1 0.2 0.4 0.2 0.1 1.01 661  
## p[58,2] 0.1 0.2 0.4 0.2 0.1 1.00 933  
## p[59,2] 0.2 0.4 0.7 0.4 0.1 1.01 737  
## p[60,2] 0.3 0.5 0.7 0.5 0.1 1.00 838  
## p[61,2] 0.1 0.2 0.5 0.2 0.1 1.00 762  
## p[62,2] 0.1 0.2 0.4 0.2 0.1 1.00 839  
## p[63,2] 0.1 0.3 0.6 0.3 0.1 1.00 860  
## p[64,2] 0.2 0.3 0.5 0.3 0.1 1.00 1016  
## p[65,2] 0.4 0.6 0.8 0.6 0.1 1.00 920  
## p[66,2] 0.3 0.5 0.8 0.5 0.1 1.00 812  
## p[67,2] 0.0 0.1 0.2 0.1 0.1 1.01 836  
## p[68,2] 0.0 0.0 0.1 0.1 0.0 1.01 790  
## p[69,2] 0.2 0.3 0.6 0.3 0.1 1.00 738  
## p[70,2] 0.0 0.1 0.3 0.1 0.1 1.00 816  
## p[71,2] 0.1 0.2 0.5 0.2 0.1 1.00 922  
## p[72,2] 0.0 0.1 0.3 0.1 0.1 1.00 738  
## p[73,2] 0.0 0.1 0.3 0.1 0.1 1.00 854  
## p[74,2] 0.0 0.1 0.2 0.1 0.1 1.00 857  
## p[75,2] 0.1 0.2 0.4 0.2 0.1 1.01 728  
## p[76,2] 0.1 0.3 0.6 0.3 0.2 1.00 838  
## p[77,2] 0.1 0.2 0.5 0.3 0.1 1.00 953  
## p[78,2] 0.1 0.2 0.6 0.3 0.1 1.00 883  
## p[79,2] 0.1 0.2 0.4 0.2 0.1 1.01 716  
## p[80,2] 0.1 0.2 0.4 0.2 0.1 1.01 665  
## p[81,2] 0.1 0.3 0.4 0.3 0.1 1.01 743  
## p[82,2] 0.1 0.1 0.3 0.2 0.1 1.01 610  
## p[83,2] 0.1 0.2 0.4 0.2 0.1 1.01 750  
## p[84,2] 0.0 0.1 0.2 0.1 0.1 1.00 994  
## p[85,2] 0.1 0.2 0.4 0.2 0.1 1.01 750  
## p[86,2] 0.2 0.3 0.6 0.3 0.1 1.01 721  
## p[87,2] 0.2 0.3 0.6 0.3 0.1 1.01 620  
## p[88,2] 0.3 0.5 0.8 0.5 0.2 1.01 589  
## p[89,2] 0.1 0.2 0.3 0.2 0.1 1.00 995  
## p[90,2] 0.1 0.1 0.3 0.2 0.1 1.00 950  
## p[91,2] 0.1 0.2 0.5 0.3 0.1 1.00 1027  
## p[92,2] 0.1 0.2 0.5 0.3 0.1 1.00 928  
## p[93,2] 0.1 0.2 0.5 0.3 0.1 1.00 1030  
## p[94,2] 0.1 0.2 0.5 0.2 0.1 1.00 986  
## p[95,2] 0.1 0.2 0.5 0.3 0.1 1.01 930  
## p[96,2] 0.1 0.2 0.6 0.3 0.2 1.00 932  
## p[97,2] 0.2 0.4 0.7 0.4 0.2 1.00 861  
## p[98,2] 0.3 0.6 0.8 0.6 0.2 1.00 907  
## p[99,2] 0.2 0.5 0.8 0.5 0.2 1.00 828  
## p[100,2] 0.2 0.5 0.8 0.5 0.2 1.00 827  
## p[101,2] 0.2 0.5 0.8 0.5 0.2 1.00 811  
## p[102,2] 0.2 0.5 0.8 0.5 0.2 1.01 931  
## p[103,2] 0.1 0.3 0.6 0.3 0.2 1.01 918  
## p[104,2] 0.1 0.2 0.4 0.2 0.1 1.01 883  
## p[105,2] 0.1 0.3 0.6 0.3 0.2 1.00 1015  
## p[106,2] 0.1 0.3 0.6 0.3 0.1 1.00 880  
## p[107,2] 0.2 0.4 0.7 0.4 0.2 1.00 1023  
## p[108,2] 0.1 0.4 0.7 0.4 0.2 1.01 934  
## p[109,2] 0.1 0.3 0.6 0.3 0.2 1.00 1041  
## p[110,2] 0.1 0.2 0.5 0.3 0.1 1.01 965  
## p[111,2] 0.1 0.3 0.6 0.3 0.2 1.01 1040  
## p[112,2] 0.1 0.3 0.6 0.3 0.2 1.00 888  
## p[113,2] 0.1 0.3 0.6 0.3 0.2 1.00 925  
## p[114,2] 0.1 0.3 0.6 0.3 0.2 1.00 1056  
## p[115,2] 0.2 0.5 0.8 0.5 0.2 1.00 800  
## p[116,2] 0.2 0.6 0.8 0.6 0.2 1.00 931  
## p[117,2] 0.1 0.4 0.7 0.4 0.2 1.00 937  
## p[118,2] 0.0 0.1 0.2 0.1 0.0 1.00 985  
## p[119,2] 0.0 0.1 0.2 0.1 0.0 1.00 967  
## p[120,2] 0.0 0.1 0.2 0.1 0.0 1.00 854  
## p[121,2] 0.0 0.1 0.4 0.2 0.1 1.01 853  
## p[122,2] 0.1 0.2 0.5 0.2 0.1 1.01 842  
## p[123,2] 0.0 0.1 0.3 0.1 0.1 1.00 848  
## p[124,2] 0.1 0.3 0.6 0.3 0.2 1.00 905  
## p[125,2] 0.1 0.2 0.5 0.3 0.1 1.00 934  
## p[126,2] 0.1 0.2 0.5 0.2 0.1 1.01 841  
## p[127,2] 0.1 0.3 0.6 0.3 0.1 1.00 1089  
## p[128,2] 0.1 0.2 0.5 0.2 0.1 1.00 825  
## p[129,2] 0.1 0.2 0.5 0.2 0.1 1.00 818  
## p[130,2] 0.4 0.5 0.7 0.5 0.1 1.01 917  
## p[131,2] 0.1 0.2 0.4 0.2 0.1 1.00 769  
## p[132,2] 0.1 0.1 0.2 0.1 0.1 1.01 760  
## p[133,2] 0.3 0.6 0.8 0.6 0.1 1.00 951  
## p[134,2] 0.2 0.4 0.6 0.4 0.1 1.00 874  
## p[135,2] 0.2 0.4 0.6 0.4 0.1 1.01 894  
## p[136,2] 0.1 0.2 0.4 0.2 0.1 1.01 746  
## p[137,2] 0.1 0.3 0.4 0.3 0.1 1.00 723  
## p[138,2] 0.1 0.2 0.4 0.2 0.1 1.01 732  
## p[139,2] 0.1 0.2 0.3 0.2 0.1 1.00 944  
## p[140,2] 0.2 0.4 0.6 0.4 0.1 1.00 774  
## p[141,2] 0.2 0.3 0.5 0.3 0.1 1.00 959  
## p[142,2] 0.1 0.2 0.5 0.2 0.1 1.00 798  
## p[143,2] 0.1 0.3 0.6 0.3 0.1 1.01 670  
## p[144,2] 0.1 0.3 0.4 0.3 0.1 1.00 929  
## p[145,2] 0.2 0.5 0.8 0.5 0.2 1.01 888  
## p[146,2] 0.2 0.4 0.7 0.4 0.2 1.00 1020  
## p[147,2] 0.1 0.3 0.6 0.4 0.2 1.00 1070  
## p[148,2] 0.1 0.2 0.4 0.2 0.1 1.00 967  
## p[149,2] 0.1 0.2 0.3 0.2 0.1 1.00 945  
## p[150,2] 0.1 0.2 0.4 0.2 0.1 1.00 863  
## p[151,2] 0.2 0.4 0.6 0.4 0.1 1.00 831  
## p[152,2] 0.1 0.2 0.4 0.2 0.1 1.00 875  
## p[153,2] 0.1 0.2 0.4 0.2 0.1 1.02 763  
## p[154,2] 0.3 0.5 0.6 0.5 0.1 1.00 1104  
## p[155,2] 0.3 0.5 0.7 0.5 0.1 1.00 893  
## p[156,2] 0.1 0.1 0.3 0.2 0.1 1.00 913  
## p[157,2] 0.1 0.2 0.3 0.2 0.1 1.01 785  
## p[158,2] 0.2 0.3 0.5 0.3 0.1 1.00 798  
## p[159,2] 0.1 0.3 0.4 0.3 0.1 1.00 767  
## p[1,3] 0.2 0.4 0.7 0.4 0.2 1.01 1009  
## p[2,3] 0.1 0.3 0.6 0.3 0.2 1.00 923  
## p[3,3] 0.1 0.3 0.6 0.3 0.2 1.00 839  
## p[4,3] 0.1 0.3 0.6 0.3 0.2 1.00 874  
## p[5,3] 0.1 0.2 0.6 0.3 0.1 1.00 937  
## p[6,3] 0.1 0.2 0.6 0.3 0.2 1.00 903  
## p[7,3] 0.2 0.3 0.5 0.3 0.1 1.01 730  
## p[8,3] 0.2 0.3 0.5 0.3 0.1 1.02 628  
## p[9,3] 0.2 0.3 0.4 0.3 0.1 1.00 724  
## p[10,3] 0.1 0.2 0.3 0.2 0.1 1.01 840  
## p[11,3] 0.1 0.1 0.2 0.1 0.1 1.01 700  
## p[12,3] 0.1 0.1 0.2 0.1 0.1 1.01 774  
## p[13,3] 0.1 0.2 0.3 0.2 0.1 1.00 825  
## p[14,3] 0.0 0.1 0.2 0.1 0.0 1.01 722  
## p[15,3] 0.1 0.1 0.2 0.1 0.0 1.01 654  
## p[16,3] 0.1 0.2 0.4 0.2 0.1 1.01 815  
## p[17,3] 0.0 0.1 0.3 0.1 0.1 1.00 813  
## p[18,3] 0.1 0.1 0.3 0.1 0.1 1.01 738  
## p[19,3] 0.1 0.2 0.3 0.2 0.1 1.01 628  
## p[20,3] 0.1 0.2 0.4 0.2 0.1 1.01 651  
## p[21,3] 0.1 0.3 0.4 0.3 0.1 1.01 785  
## p[22,3] 0.4 0.7 0.9 0.7 0.1 1.00 938  
## p[23,3] 0.2 0.4 0.6 0.4 0.1 1.00 890  
## p[24,3] 0.1 0.3 0.5 0.3 0.1 1.00 870  
## p[25,3] 0.1 0.3 0.5 0.3 0.1 1.00 870  
## p[26,3] 0.2 0.4 0.7 0.5 0.1 1.00 903  
## p[27,3] 0.3 0.5 0.8 0.5 0.1 1.01 857  
## p[28,3] 0.3 0.5 0.8 0.6 0.1 1.00 847  
## p[29,3] 0.5 0.7 0.9 0.7 0.1 1.00 883  
## p[30,3] 0.1 0.2 0.4 0.2 0.1 1.01 921  
## p[31,3] 0.2 0.2 0.4 0.3 0.1 1.01 928  
## p[32,3] 0.3 0.4 0.5 0.4 0.1 1.00 908  
## p[33,3] 0.1 0.2 0.3 0.2 0.1 1.00 817  
## p[34,3] 0.2 0.5 0.8 0.5 0.2 1.00 981  
## p[35,3] 0.2 0.4 0.7 0.4 0.2 1.00 976  
## p[36,3] 0.1 0.3 0.7 0.4 0.2 1.00 997  
## p[37,3] 0.1 0.1 0.2 0.2 0.1 1.00 837  
## p[38,3] 0.1 0.1 0.2 0.1 0.0 1.01 775  
## p[39,3] 0.1 0.2 0.3 0.2 0.1 1.00 905  
## p[40,3] 0.0 0.1 0.1 0.1 0.0 1.01 919  
## p[41,3] 0.3 0.4 0.6 0.4 0.1 1.00 766  
## p[42,3] 0.4 0.5 0.8 0.5 0.1 1.00 711  
## p[43,3] 0.2 0.3 0.5 0.3 0.1 1.01 754  
## p[44,3] 0.2 0.3 0.5 0.3 0.1 1.01 725  
## p[45,3] 0.1 0.2 0.3 0.2 0.1 1.00 666  
## p[46,3] 0.1 0.2 0.4 0.2 0.1 1.02 602  
## p[47,3] 0.0 0.1 0.3 0.1 0.1 1.01 643  
## p[48,3] 0.2 0.3 0.5 0.3 0.1 1.01 774  
## p[49,3] 0.2 0.4 0.6 0.4 0.1 1.00 993  
## p[50,3] 0.2 0.4 0.6 0.4 0.1 1.00 939  
## p[51,3] 0.3 0.4 0.6 0.4 0.1 1.00 992  
## p[52,3] 0.1 0.3 0.5 0.3 0.1 1.01 651  
## p[53,3] 0.0 0.1 0.3 0.1 0.1 1.01 691  
## p[54,3] 0.1 0.2 0.3 0.2 0.1 1.00 954  
## p[55,3] 0.1 0.2 0.4 0.2 0.1 1.00 935  
## p[56,3] 0.1 0.1 0.2 0.1 0.1 1.01 796  
## p[57,3] 0.1 0.3 0.5 0.3 0.1 1.02 465  
## p[58,3] 0.2 0.4 0.6 0.4 0.1 1.00 977  
## p[59,3] 0.1 0.2 0.3 0.2 0.1 1.00 951  
## p[60,3] 0.1 0.2 0.4 0.2 0.1 1.00 905  
## p[61,3] 0.0 0.1 0.3 0.1 0.1 1.00 763  
## p[62,3] 0.0 0.1 0.3 0.1 0.1 1.01 801  
## p[63,3] 0.0 0.1 0.2 0.1 0.1 1.00 865  
## p[64,3] 0.4 0.6 0.8 0.6 0.1 1.00 915  
## p[65,3] 0.4 0.6 0.8 0.6 0.1 1.00 880  
## p[66,3] 0.3 0.5 0.8 0.5 0.1 1.01 867  
## p[67,3] 0.0 0.1 0.3 0.1 0.1 1.01 840  
## p[68,3] 0.1 0.1 0.4 0.2 0.1 1.00 889  
## p[69,3] 0.1 0.1 0.3 0.1 0.1 1.00 1053  
## p[70,3] 0.0 0.1 0.2 0.1 0.1 1.00 969  
## p[71,3] 0.1 0.1 0.3 0.2 0.1 1.00 875  
## p[72,3] 0.1 0.2 0.4 0.2 0.1 1.01 773  
## p[73,3] 0.0 0.1 0.3 0.1 0.1 1.01 836  
## p[74,3] 0.1 0.1 0.3 0.1 0.1 1.01 771  
## p[75,3] 0.1 0.1 0.3 0.2 0.1 1.01 943  
## p[76,3] 0.1 0.3 0.7 0.3 0.2 1.00 962  
## p[77,3] 0.1 0.3 0.6 0.3 0.1 1.00 1022  
## p[78,3] 0.1 0.3 0.6 0.3 0.2 1.00 935  
## p[79,3] 0.0 0.1 0.2 0.1 0.1 1.00 819  
## p[80,3] 0.0 0.1 0.2 0.1 0.1 1.00 781  
## p[81,3] 0.2 0.3 0.5 0.3 0.1 1.00 835  
## p[82,3] 0.1 0.1 0.3 0.2 0.1 1.01 684  
## p[83,3] 0.1 0.3 0.5 0.3 0.1 1.02 612  
## p[84,3] 0.1 0.2 0.3 0.2 0.1 1.00 879  
## p[85,3] 0.1 0.2 0.3 0.2 0.1 1.00 827  
## p[86,3] 0.1 0.3 0.5 0.3 0.1 1.01 753  
## p[87,3] 0.1 0.2 0.4 0.2 0.1 1.01 663  
## p[88,3] 0.1 0.2 0.4 0.2 0.1 1.00 748  
## p[89,3] 0.2 0.3 0.6 0.3 0.1 1.00 895  
## p[90,3] 0.1 0.3 0.5 0.3 0.1 1.01 903  
## p[91,3] 0.1 0.3 0.6 0.3 0.1 1.00 963  
## p[92,3] 0.1 0.3 0.6 0.3 0.2 1.00 980  
## p[93,3] 0.1 0.2 0.6 0.3 0.1 1.00 894  
## p[94,3] 0.1 0.2 0.6 0.3 0.1 1.00 894  
## p[95,3] 0.1 0.3 0.7 0.3 0.2 1.01 948  
## p[96,3] 0.1 0.3 0.7 0.4 0.2 1.01 634  
## p[97,3] 0.2 0.5 0.8 0.5 0.2 1.00 889  
## p[98,3] 0.3 0.6 0.9 0.6 0.2 1.00 989  
## p[99,3] 0.3 0.6 0.9 0.6 0.2 1.00 1009  
## p[100,3] 0.3 0.6 0.8 0.6 0.2 1.00 979  
## p[101,3] 0.3 0.6 0.8 0.6 0.2 1.00 963  
## p[102,3] 0.3 0.6 0.8 0.6 0.2 1.01 934  
## p[103,3] 0.2 0.4 0.7 0.4 0.2 1.00 916  
## p[104,3] 0.1 0.2 0.5 0.3 0.2 1.00 877  
## p[105,3] 0.2 0.4 0.7 0.4 0.2 1.00 1033  
## p[106,3] 0.1 0.3 0.7 0.4 0.2 1.00 906  
## p[107,3] 0.2 0.5 0.8 0.5 0.2 1.01 819  
## p[108,3] 0.2 0.5 0.8 0.5 0.2 1.00 1073  
## p[109,3] 0.1 0.3 0.6 0.3 0.2 1.00 998  
## p[110,3] 0.1 0.2 0.5 0.3 0.1 1.00 921  
## p[111,3] 0.1 0.3 0.7 0.3 0.2 1.00 882  
## p[112,3] 0.1 0.3 0.7 0.4 0.2 1.00 945  
## p[113,3] 0.1 0.3 0.6 0.3 0.2 1.00 1056  
## p[114,3] 0.1 0.3 0.6 0.3 0.2 1.01 951  
## p[115,3] 0.3 0.6 0.9 0.6 0.2 1.00 945  
## p[116,3] 0.3 0.6 0.9 0.6 0.2 1.00 876  
## p[117,3] 0.2 0.4 0.7 0.4 0.2 1.00 891  
## p[118,3] 0.3 0.4 0.7 0.4 0.1 1.00 874  
## p[119,3] 0.4 0.6 0.8 0.6 0.1 1.01 796  
## p[120,3] 0.2 0.3 0.5 0.3 0.1 1.00 864  
## p[121,3] 0.1 0.2 0.4 0.2 0.1 1.00 866  
## p[122,3] 0.2 0.4 0.7 0.4 0.2 1.00 829  
## p[123,3] 0.3 0.5 0.8 0.5 0.1 1.00 853  
## p[124,3] 0.1 0.3 0.6 0.3 0.2 1.00 960  
## p[125,3] 0.1 0.2 0.5 0.3 0.1 1.00 956  
## p[126,3] 0.1 0.2 0.4 0.2 0.1 1.00 878  
## p[127,3] 0.1 0.3 0.6 0.3 0.1 1.00 911  
## p[128,3] 0.1 0.2 0.5 0.2 0.1 1.00 1015  
## p[129,3] 0.1 0.2 0.4 0.2 0.1 1.00 957  
## p[130,3] 0.4 0.6 0.8 0.6 0.1 1.00 943  
## p[131,3] 0.1 0.2 0.4 0.2 0.1 1.01 730  
## p[132,3] 0.0 0.1 0.2 0.1 0.0 1.01 764  
## p[133,3] 0.3 0.5 0.7 0.5 0.1 1.00 997  
## p[134,3] 0.2 0.3 0.6 0.3 0.1 1.00 770  
## p[135,3] 0.1 0.2 0.4 0.2 0.1 1.00 912  
## p[136,3] 0.0 0.1 0.2 0.1 0.0 1.01 777  
## p[137,3] 0.1 0.2 0.4 0.3 0.1 1.01 749  
## p[138,3] 0.1 0.1 0.2 0.1 0.1 1.01 729  
## p[139,3] 0.4 0.6 0.8 0.6 0.1 1.01 791  
## p[140,3] 0.3 0.4 0.7 0.4 0.1 1.00 812  
## p[141,3] 0.3 0.5 0.7 0.5 0.1 1.00 837  
## p[142,3] 0.1 0.2 0.4 0.2 0.1 1.01 861  
## p[143,3] 0.1 0.2 0.5 0.3 0.1 1.01 763  
## p[144,3] 0.2 0.4 0.6 0.4 0.1 1.00 773  
## p[145,3] 0.2 0.5 0.8 0.5 0.2 1.00 968  
## p[146,3] 0.2 0.4 0.7 0.4 0.2 1.00 960  
## p[147,3] 0.1 0.3 0.6 0.4 0.2 1.00 953  
## p[148,3] 0.2 0.4 0.6 0.4 0.1 1.00 899  
## p[149,3] 0.3 0.5 0.7 0.5 0.1 1.00 953  
## p[150,3] 0.2 0.3 0.5 0.3 0.1 1.00 800  
## p[151,3] 0.1 0.3 0.5 0.3 0.1 1.00 873  
## p[152,3] 0.1 0.1 0.3 0.2 0.1 1.01 923  
## p[153,3] 0.1 0.3 0.5 0.3 0.1 1.01 730  
## p[154,3] 0.3 0.4 0.6 0.4 0.1 1.00 959  
## p[155,3] 0.2 0.4 0.6 0.4 0.1 1.00 896  
## p[156,3] 0.2 0.3 0.5 0.3 0.1 1.00 740  
## p[157,3] 0.3 0.5 0.7 0.5 0.1 1.00 829  
## p[158,3] 0.2 0.4 0.6 0.4 0.1 1.00 781  
## p[159,3] 0.1 0.2 0.4 0.2 0.1 1.00 827  
## p[1,4] 0.2 0.4 0.7 0.4 0.2 1.00 996  
## p[2,4] 0.1 0.3 0.6 0.3 0.1 1.00 946  
## p[3,4] 0.1 0.2 0.5 0.3 0.1 1.00 994  
## p[4,4] 0.1 0.3 0.6 0.3 0.2 1.00 895  
## p[5,4] 0.1 0.2 0.5 0.2 0.1 1.00 878  
## p[6,4] 0.1 0.2 0.5 0.2 0.1 1.01 885  
## p[7,4] 0.2 0.3 0.4 0.3 0.1 1.01 672  
## p[8,4] 0.1 0.2 0.3 0.2 0.1 1.01 744  
## p[9,4] 0.2 0.3 0.5 0.3 0.1 1.01 662  
## p[10,4] 0.0 0.1 0.1 0.1 0.0 1.00 698  
## p[11,4] 0.0 0.1 0.1 0.1 0.0 1.00 840  
## p[12,4] 0.0 0.1 0.1 0.1 0.0 1.01 847  
## p[13,4] 0.2 0.4 0.6 0.4 0.1 1.01 708  
## p[14,4] 0.1 0.1 0.3 0.2 0.1 1.01 680  
## p[15,4] 0.1 0.1 0.2 0.1 0.1 1.01 689  
## p[16,4] 0.2 0.4 0.7 0.4 0.1 1.00 866  
## p[17,4] 0.1 0.1 0.3 0.2 0.1 1.01 864  
## p[18,4] 0.0 0.1 0.2 0.1 0.1 1.00 811  
## p[19,4] 0.1 0.2 0.4 0.2 0.1 1.01 627  
## p[20,4] 0.2 0.3 0.6 0.3 0.1 1.01 595  
## p[21,4] 0.2 0.4 0.6 0.4 0.1 1.01 633  
## p[22,4] 0.2 0.4 0.7 0.4 0.1 1.00 935  
## p[23,4] 0.1 0.2 0.5 0.3 0.1 1.01 953  
## p[24,4] 0.4 0.6 0.8 0.6 0.1 1.00 902  
## p[25,4] 0.3 0.5 0.7 0.5 0.1 1.00 895  
## p[26,4] 0.1 0.2 0.4 0.2 0.1 1.00 996  
## p[27,4] 0.2 0.3 0.6 0.3 0.1 1.00 953  
## p[28,4] 0.4 0.7 0.9 0.7 0.1 1.00 965  
## p[29,4] 0.2 0.4 0.6 0.4 0.1 1.00 802  
## p[30,4] 0.2 0.4 0.7 0.4 0.1 1.00 799  
## p[31,4] 0.2 0.4 0.5 0.4 0.1 1.00 978  
## p[32,4] 0.2 0.3 0.4 0.3 0.1 1.00 958  
## p[33,4] 0.1 0.2 0.3 0.2 0.1 1.00 800  
## p[34,4] 0.2 0.4 0.8 0.5 0.2 1.00 991  
## p[35,4] 0.2 0.4 0.7 0.4 0.2 1.00 998  
## p[36,4] 0.1 0.3 0.6 0.3 0.2 1.00 1048  
## p[37,4] 0.1 0.2 0.4 0.2 0.1 1.00 643  
## p[38,4] 0.1 0.2 0.3 0.2 0.1 1.00 719  
## p[39,4] 0.1 0.2 0.3 0.2 0.1 1.01 705  
## p[40,4] 0.1 0.1 0.2 0.1 0.0 1.00 770  
## p[41,4] 0.3 0.4 0.6 0.5 0.1 1.01 802  
## p[42,4] 0.3 0.5 0.7 0.5 0.1 1.01 752  
## p[43,4] 0.1 0.2 0.4 0.2 0.1 1.00 812  
## p[44,4] 0.1 0.2 0.4 0.3 0.1 1.01 817  
## p[45,4] 0.1 0.2 0.4 0.2 0.1 1.01 608  
## p[46,4] 0.1 0.2 0.3 0.2 0.1 1.00 751  
## p[47,4] 0.1 0.1 0.3 0.2 0.1 1.01 656  
## p[48,4] 0.3 0.4 0.6 0.4 0.1 1.00 865  
## p[49,4] 0.3 0.5 0.8 0.5 0.1 1.00 914  
## p[50,4] 0.4 0.6 0.8 0.6 0.1 1.00 938  
## p[51,4] 0.3 0.4 0.6 0.4 0.1 1.01 948  
## p[52,4] 0.0 0.1 0.1 0.1 0.0 1.01 857  
## p[53,4] 0.1 0.2 0.4 0.2 0.1 1.01 774  
## p[54,4] 0.1 0.1 0.3 0.1 0.1 1.00 880  
## p[55,4] 0.1 0.2 0.4 0.2 0.1 1.00 830  
## p[56,4] 0.1 0.2 0.3 0.2 0.1 1.01 867  
## p[57,4] 0.1 0.1 0.3 0.2 0.1 1.01 892  
## p[58,4] 0.2 0.3 0.5 0.3 0.1 1.00 936  
## p[59,4] 0.1 0.2 0.3 0.2 0.1 1.00 952  
## p[60,4] 0.1 0.3 0.4 0.3 0.1 1.00 894  
## p[61,4] 0.0 0.1 0.2 0.1 0.1 1.00 854  
## p[62,4] 0.0 0.1 0.3 0.1 0.1 1.01 890  
## p[63,4] 0.0 0.1 0.2 0.1 0.1 1.00 818  
## p[64,4] 0.3 0.5 0.7 0.5 0.1 1.00 879  
## p[65,4] 0.4 0.6 0.8 0.6 0.1 1.00 864  
## p[66,4] 0.3 0.4 0.6 0.4 0.1 1.00 904  
## p[67,4] 0.1 0.1 0.3 0.2 0.1 1.01 815  
## p[68,4] 0.1 0.1 0.3 0.2 0.1 1.00 780  
## p[69,4] 0.0 0.1 0.3 0.1 0.1 1.00 932  
## p[70,4] 0.0 0.1 0.3 0.1 0.1 1.00 852  
## p[71,4] 0.1 0.2 0.4 0.2 0.1 1.00 786  
## p[72,4] 0.0 0.1 0.2 0.1 0.1 1.01 948  
## p[73,4] 0.0 0.1 0.2 0.1 0.1 1.01 900  
## p[74,4] 0.1 0.1 0.3 0.1 0.1 1.01 959  
## p[75,4] 0.1 0.2 0.5 0.3 0.1 1.01 941  
## p[76,4] 0.1 0.3 0.6 0.3 0.2 1.00 977  
## p[77,4] 0.1 0.3 0.5 0.3 0.1 1.00 942  
## p[78,4] 0.1 0.3 0.6 0.3 0.2 1.00 927  
## p[79,4] 0.1 0.2 0.4 0.2 0.1 1.01 604  
## p[80,4] 0.1 0.2 0.4 0.2 0.1 1.01 655  
## p[81,4] 0.3 0.5 0.7 0.5 0.1 1.01 769  
## p[82,4] 0.1 0.2 0.4 0.2 0.1 1.01 611  
## p[83,4] 0.1 0.2 0.4 0.2 0.1 1.01 675  
## p[84,4] 0.1 0.2 0.3 0.2 0.1 1.01 814  
## p[85,4] 0.1 0.2 0.4 0.2 0.1 1.01 918  
## p[86,4] 0.1 0.2 0.4 0.2 0.1 1.01 868  
## p[87,4] 0.1 0.2 0.4 0.2 0.1 1.01 655  
## p[88,4] 0.1 0.2 0.3 0.2 0.1 1.01 733  
## p[89,4] 0.2 0.3 0.6 0.4 0.1 1.00 921  
## p[90,4] 0.1 0.3 0.6 0.3 0.1 1.01 855  
## p[91,4] 0.1 0.3 0.6 0.3 0.2 1.00 995  
## p[92,4] 0.1 0.3 0.6 0.3 0.2 1.00 803  
## p[93,4] 0.1 0.3 0.6 0.3 0.1 1.00 1037  
## p[94,4] 0.1 0.2 0.5 0.2 0.1 1.00 888  
## p[95,4] 0.1 0.3 0.6 0.3 0.2 1.00 857  
## p[96,4] 0.1 0.3 0.6 0.3 0.2 1.00 968  
## p[97,4] 0.1 0.4 0.7 0.4 0.2 1.00 870  
## p[98,4] 0.2 0.6 0.8 0.6 0.2 1.00 1123  
## p[99,4] 0.2 0.5 0.8 0.5 0.2 1.00 903  
## p[100,4] 0.3 0.6 0.9 0.6 0.2 1.01 886  
## p[101,4] 0.3 0.6 0.8 0.6 0.2 1.00 1001  
## p[102,4] 0.3 0.6 0.9 0.6 0.2 1.00 878  
## p[103,4] 0.1 0.3 0.6 0.3 0.2 1.00 958  
## p[104,4] 0.1 0.2 0.5 0.2 0.1 1.01 926  
## p[105,4] 0.1 0.3 0.6 0.3 0.2 1.00 938  
## p[106,4] 0.1 0.3 0.6 0.3 0.2 1.00 905  
## p[107,4] 0.2 0.4 0.7 0.4 0.2 1.01 964  
## p[108,4] 0.2 0.4 0.7 0.4 0.2 1.01 950  
## p[109,4] 0.1 0.3 0.6 0.3 0.2 1.00 969  
## p[110,4] 0.1 0.2 0.5 0.3 0.1 1.00 892  
## p[111,4] 0.1 0.3 0.6 0.3 0.2 1.00 976  
## p[112,4] 0.1 0.3 0.6 0.3 0.2 1.00 928  
## p[113,4] 0.1 0.3 0.6 0.3 0.2 1.00 939  
## p[114,4] 0.1 0.3 0.6 0.3 0.2 1.00 1028  
## p[115,4] 0.3 0.6 0.9 0.6 0.2 1.00 956  
## p[116,4] 0.3 0.6 0.8 0.6 0.2 1.00 997  
## p[117,4] 0.2 0.4 0.7 0.4 0.2 1.00 1136  
## p[118,4] 0.2 0.3 0.5 0.3 0.1 1.01 762  
## p[119,4] 0.1 0.2 0.4 0.2 0.1 1.00 1016  
## p[120,4] 0.4 0.6 0.8 0.6 0.1 1.01 794  
## p[121,4] 0.0 0.1 0.4 0.2 0.1 1.00 780  
## p[122,4] 0.0 0.1 0.3 0.1 0.1 1.00 956  
## p[123,4] 0.0 0.1 0.2 0.1 0.1 1.00 860  
## p[124,4] 0.1 0.3 0.6 0.3 0.2 1.00 1084  
## p[125,4] 0.1 0.2 0.6 0.3 0.1 1.00 960  
## p[126,4] 0.1 0.2 0.5 0.2 0.1 1.00 901  
## p[127,4] 0.1 0.3 0.6 0.3 0.2 1.00 980  
## p[128,4] 0.1 0.3 0.6 0.3 0.2 1.01 800  
## p[129,4] 0.1 0.2 0.5 0.3 0.1 1.00 880  
## p[130,4] 0.5 0.7 0.9 0.7 0.1 1.01 912  
## p[131,4] 0.3 0.5 0.7 0.5 0.1 1.01 694  
## p[132,4] 0.1 0.2 0.3 0.2 0.1 1.01 741  
## p[133,4] 0.3 0.5 0.7 0.5 0.1 1.00 938  
## p[134,4] 0.2 0.4 0.7 0.4 0.1 1.00 790  
## p[135,4] 0.1 0.3 0.5 0.3 0.1 1.01 902  
## p[136,4] 0.1 0.2 0.4 0.2 0.1 1.01 760  
## p[137,4] 0.2 0.3 0.5 0.3 0.1 1.01 706  
## p[138,4] 0.2 0.4 0.6 0.4 0.1 1.01 728  
## p[139,4] 0.1 0.3 0.4 0.3 0.1 1.00 1016  
## p[140,4] 0.2 0.3 0.5 0.3 0.1 1.00 859  
## p[141,4] 0.1 0.2 0.3 0.2 0.1 1.00 1061  
## p[142,4] 0.1 0.2 0.4 0.2 0.1 1.01 783  
## p[143,4] 0.0 0.1 0.3 0.1 0.1 1.00 859  
## p[144,4] 0.2 0.4 0.6 0.4 0.1 1.00 964  
## p[145,4] 0.2 0.5 0.8 0.5 0.2 1.00 1020  
## p[146,4] 0.2 0.4 0.7 0.4 0.2 1.01 960  
## p[147,4] 0.1 0.3 0.5 0.3 0.1 1.01 897  
## p[148,4] 0.3 0.4 0.6 0.4 0.1 1.00 1009  
## p[149,4] 0.2 0.3 0.5 0.3 0.1 1.01 1008  
## p[150,4] 0.2 0.4 0.6 0.4 0.1 1.00 853  
## p[151,4] 0.1 0.3 0.6 0.3 0.1 1.01 883  
## p[152,4] 0.0 0.1 0.3 0.1 0.1 1.00 890  
## p[153,4] 0.1 0.2 0.4 0.2 0.1 1.01 869  
## p[154,4] 0.2 0.4 0.5 0.4 0.1 1.00 905  
## p[155,4] 0.3 0.5 0.7 0.5 0.1 1.01 642  
## p[156,4] 0.2 0.3 0.5 0.3 0.1 1.01 895  
## p[157,4] 0.2 0.3 0.5 0.3 0.1 1.00 798  
## p[158,4] 0.3 0.4 0.6 0.4 0.1 1.00 827  
## p[159,4] 0.1 0.2 0.3 0.2 0.1 1.00 800  
## p[1,5] 0.2 0.4 0.7 0.4 0.2 1.00 981  
## p[2,5] 0.1 0.3 0.6 0.3 0.2 1.00 887  
## p[3,5] 0.1 0.3 0.6 0.3 0.1 1.00 922  
## p[4,5] 0.1 0.3 0.6 0.3 0.2 1.00 929  
## p[5,5] 0.1 0.2 0.6 0.3 0.1 1.00 960  
## p[6,5] 0.1 0.2 0.6 0.3 0.2 1.00 923  
## p[7,5] 0.2 0.3 0.6 0.4 0.1 1.01 639  
## p[8,5] 0.3 0.4 0.6 0.4 0.1 1.01 760  
## p[9,5] 0.2 0.3 0.5 0.3 0.1 1.01 560  
## p[10,5] 0.2 0.3 0.4 0.3 0.1 1.01 700  
## p[11,5] 0.1 0.2 0.3 0.2 0.1 1.01 637  
## p[12,5] 0.2 0.3 0.5 0.3 0.1 1.01 664  
## p[13,5] 0.1 0.2 0.4 0.2 0.1 1.00 709  
## p[14,5] 0.1 0.2 0.3 0.2 0.1 1.01 708  
## p[15,5] 0.1 0.2 0.4 0.2 0.1 1.01 612  
## p[16,5] 0.2 0.3 0.6 0.3 0.1 1.00 925  
## p[17,5] 0.1 0.3 0.6 0.3 0.1 1.01 759  
## p[18,5] 0.2 0.4 0.7 0.4 0.1 1.00 748  
## p[19,5] 0.1 0.2 0.3 0.2 0.1 1.00 660  
## p[20,5] 0.1 0.3 0.5 0.3 0.1 1.01 668  
## p[21,5] 0.2 0.4 0.6 0.4 0.1 1.01 795  
## p[22,5] 0.4 0.6 0.8 0.6 0.1 1.00 1005  
## p[23,5] 0.2 0.4 0.7 0.4 0.1 1.00 930  
## p[24,5] 0.3 0.5 0.7 0.5 0.1 1.00 843  
## p[25,5] 0.3 0.5 0.8 0.5 0.1 1.00 982  
## p[26,5] 0.3 0.5 0.7 0.5 0.1 1.01 839  
## p[27,5] 0.3 0.5 0.8 0.5 0.2 1.00 870  
## p[28,5] 0.4 0.7 0.9 0.7 0.1 1.01 826  
## p[29,5] 0.4 0.6 0.8 0.6 0.1 1.00 941  
## p[30,5] 0.2 0.4 0.7 0.4 0.1 1.00 874  
## p[31,5] 0.3 0.5 0.6 0.5 0.1 1.00 888  
## p[32,5] 0.6 0.7 0.9 0.7 0.1 1.00 904  
## p[33,5] 0.2 0.3 0.4 0.3 0.1 1.00 812  
## p[34,5] 0.2 0.5 0.8 0.5 0.2 1.00 959  
## p[35,5] 0.2 0.5 0.7 0.5 0.2 1.00 1007  
## p[36,5] 0.1 0.4 0.7 0.4 0.2 1.00 869  
## p[37,5] 0.1 0.2 0.3 0.2 0.1 1.00 748  
## p[38,5] 0.1 0.2 0.3 0.2 0.1 1.01 758  
## p[39,5] 0.2 0.3 0.5 0.3 0.1 1.01 863  
## p[40,5] 0.1 0.2 0.3 0.2 0.1 1.01 663  
## p[41,5] 0.4 0.6 0.8 0.6 0.1 1.00 713  
## p[42,5] 0.3 0.4 0.6 0.4 0.1 1.01 684  
## p[43,5] 0.2 0.4 0.6 0.4 0.1 1.01 564  
## p[44,5] 0.3 0.4 0.6 0.4 0.1 1.01 763  
## p[45,5] 0.1 0.3 0.5 0.3 0.1 1.01 666  
## p[46,5] 0.2 0.3 0.6 0.3 0.1 1.02 578  
## p[47,5] 0.1 0.2 0.4 0.2 0.1 1.02 572  
## p[48,5] 0.3 0.4 0.6 0.4 0.1 1.01 766  
## p[49,5] 0.3 0.5 0.7 0.5 0.1 1.00 936  
## p[50,5] 0.4 0.7 0.9 0.6 0.1 1.00 945  
## p[51,5] 0.5 0.7 0.9 0.7 0.1 1.00 952  
## p[52,5] 0.1 0.2 0.4 0.2 0.1 1.01 606  
## p[53,5] 0.0 0.1 0.2 0.1 0.1 1.00 714  
## p[54,5] 0.1 0.2 0.4 0.2 0.1 1.00 886  
## p[55,5] 0.2 0.3 0.5 0.3 0.1 1.00 836  
## p[56,5] 0.2 0.4 0.6 0.4 0.1 1.01 693  
## p[57,5] 0.1 0.2 0.4 0.2 0.1 1.01 804  
## p[58,5] 0.2 0.4 0.6 0.4 0.1 1.00 902  
## p[59,5] 0.1 0.2 0.3 0.2 0.1 1.00 982  
## p[60,5] 0.1 0.2 0.4 0.2 0.1 1.00 830  
## p[61,5] 0.0 0.1 0.3 0.2 0.1 1.01 868  
## p[62,5] 0.0 0.1 0.3 0.1 0.1 1.00 707  
## p[63,5] 0.0 0.1 0.3 0.1 0.1 1.01 885  
## p[64,5] 0.3 0.5 0.7 0.5 0.1 1.00 911  
## p[65,5] 0.2 0.3 0.5 0.3 0.1 1.00 949  
## p[66,5] 0.1 0.1 0.3 0.2 0.1 1.00 1007  
## p[67,5] 0.0 0.1 0.3 0.1 0.1 1.02 680  
## p[68,5] 0.1 0.1 0.3 0.2 0.1 1.01 864  
## p[69,5] 0.1 0.1 0.3 0.1 0.1 1.00 925  
## p[70,5] 0.1 0.2 0.5 0.3 0.1 1.01 800  
## p[71,5] 0.2 0.4 0.6 0.4 0.1 1.00 795  
## p[72,5] 0.1 0.2 0.4 0.2 0.1 1.01 804  
## p[73,5] 0.0 0.1 0.2 0.1 0.1 1.00 958  
## p[74,5] 0.1 0.1 0.3 0.2 0.1 1.01 897  
## p[75,5] 0.0 0.1 0.2 0.1 0.1 1.00 888  
## p[76,5] 0.1 0.3 0.6 0.3 0.2 1.01 990  
## p[77,5] 0.2 0.5 0.8 0.5 0.2 1.01 931  
## p[78,5] 0.1 0.3 0.6 0.3 0.1 1.00 835  
## p[79,5] 0.1 0.2 0.4 0.2 0.1 1.00 713  
## p[80,5] 0.1 0.2 0.5 0.2 0.1 1.01 692  
## p[81,5] 0.1 0.2 0.4 0.2 0.1 1.00 881  
## p[82,5] 0.1 0.1 0.3 0.1 0.1 1.02 610  
## p[83,5] 0.1 0.2 0.4 0.2 0.1 1.01 770  
## p[84,5] 0.1 0.2 0.5 0.3 0.1 1.00 889  
## p[85,5] 0.2 0.3 0.5 0.3 0.1 1.01 876  
## p[86,5] 0.1 0.2 0.3 0.2 0.1 1.00 1034  
## p[87,5] 0.1 0.2 0.4 0.2 0.1 1.01 689  
## p[88,5] 0.3 0.5 0.7 0.5 0.1 1.02 593  
## p[89,5] 0.1 0.2 0.5 0.3 0.1 1.01 783  
## p[90,5] 0.1 0.1 0.3 0.2 0.1 1.00 895  
## p[91,5] 0.1 0.3 0.6 0.3 0.2 1.00 996  
## p[92,5] 0.1 0.3 0.6 0.3 0.2 1.01 939  
## p[93,5] 0.1 0.3 0.6 0.3 0.2 1.00 877  
## p[94,5] 0.1 0.2 0.6 0.3 0.2 1.00 883  
## p[95,5] 0.1 0.3 0.6 0.3 0.2 1.00 1005  
## p[96,5] 0.1 0.3 0.6 0.3 0.2 1.00 802  
## p[97,5] 0.1 0.4 0.7 0.4 0.2 1.00 933  
## p[98,5] 0.3 0.6 0.9 0.6 0.2 1.00 994  
## p[99,5] 0.2 0.5 0.8 0.5 0.2 1.01 865  
## p[100,5] 0.2 0.6 0.8 0.5 0.2 1.00 900  
## p[101,5] 0.2 0.6 0.8 0.5 0.2 1.00 924  
## p[102,5] 0.2 0.6 0.8 0.5 0.2 1.01 894  
## p[103,5] 0.1 0.3 0.6 0.3 0.2 1.00 870  
## p[104,5] 0.1 0.2 0.4 0.2 0.1 1.00 965  
## p[105,5] 0.1 0.3 0.6 0.3 0.2 1.00 882  
## p[106,5] 0.1 0.3 0.6 0.3 0.2 1.00 936  
## p[107,5] 0.2 0.4 0.7 0.4 0.2 1.00 897  
## p[108,5] 0.2 0.4 0.7 0.4 0.2 1.01 841  
## p[109,5] 0.1 0.3 0.7 0.3 0.2 1.01 836  
## p[110,5] 0.1 0.2 0.6 0.3 0.2 1.00 964  
## p[111,5] 0.1 0.3 0.6 0.3 0.2 1.00 977  
## p[112,5] 0.1 0.3 0.6 0.3 0.2 1.00 860  
## p[113,5] 0.1 0.3 0.6 0.3 0.2 1.00 939  
## p[114,5] 0.1 0.3 0.6 0.3 0.2 1.00 953  
## p[115,5] 0.2 0.5 0.8 0.5 0.2 1.00 902  
## p[116,5] 0.3 0.6 0.8 0.6 0.2 1.01 895  
## p[117,5] 0.1 0.3 0.7 0.4 0.2 1.00 925  
## p[118,5] 0.1 0.2 0.4 0.2 0.1 1.01 869  
## p[119,5] 0.1 0.2 0.3 0.2 0.1 1.00 934  
## p[120,5] 0.2 0.4 0.6 0.4 0.1 1.01 692  
## p[121,5] 0.1 0.2 0.5 0.2 0.1 1.00 853  
## p[122,5] 0.0 0.1 0.3 0.1 0.1 1.01 775  
## p[123,5] 0.1 0.2 0.4 0.2 0.1 1.00 914  
## p[124,5] 0.1 0.3 0.6 0.3 0.2 1.00 831  
## p[125,5] 0.1 0.2 0.6 0.3 0.1 1.00 828  
## p[126,5] 0.0 0.2 0.5 0.2 0.1 1.00 1008  
## p[127,5] 0.1 0.3 0.6 0.3 0.2 1.00 934  
## p[128,5] 0.1 0.2 0.5 0.3 0.1 1.00 914  
## p[129,5] 0.1 0.2 0.5 0.2 0.1 1.00 962  
## p[130,5] 0.4 0.6 0.7 0.6 0.1 1.00 948  
## p[131,5] 0.2 0.3 0.5 0.3 0.1 1.00 632  
## p[132,5] 0.1 0.2 0.3 0.2 0.1 1.00 709  
## p[133,5] 0.1 0.2 0.4 0.3 0.1 1.00 985  
## p[134,5] 0.2 0.3 0.5 0.3 0.1 1.00 846  
## p[135,5] 0.2 0.3 0.5 0.3 0.1 1.01 841  
## p[136,5] 0.1 0.1 0.3 0.2 0.1 1.01 675  
## p[137,5] 0.1 0.3 0.5 0.3 0.1 1.01 756  
## p[138,5] 0.1 0.2 0.5 0.3 0.1 1.01 685  
## p[139,5] 0.1 0.2 0.3 0.2 0.1 1.00 873  
## p[140,5] 0.0 0.1 0.2 0.1 0.1 1.00 883  
## p[141,5] 0.1 0.2 0.4 0.2 0.1 1.00 924  
## p[142,5] 0.1 0.2 0.4 0.2 0.1 1.01 875  
## p[143,5] 0.1 0.3 0.5 0.3 0.1 1.01 668  
## p[144,5] 0.3 0.6 0.8 0.6 0.1 1.00 866  
## p[145,5] 0.2 0.4 0.7 0.4 0.2 1.00 955  
## p[146,5] 0.1 0.4 0.7 0.4 0.2 1.00 992  
## p[147,5] 0.1 0.2 0.5 0.2 0.1 1.01 991  
## p[148,5] 0.4 0.6 0.8 0.6 0.1 1.00 887  
## p[149,5] 0.3 0.5 0.7 0.5 0.1 1.00 959  
## p[150,5] 0.2 0.4 0.6 0.4 0.1 1.01 872  
## p[151,5] 0.1 0.3 0.5 0.3 0.1 1.00 862  
## p[152,5] 0.2 0.3 0.6 0.4 0.1 1.00 829  
## p[153,5] 0.1 0.3 0.6 0.3 0.1 1.01 635  
## p[154,5] 0.5 0.7 0.9 0.7 0.1 1.00 867  
## p[155,5] 0.4 0.5 0.7 0.6 0.1 1.01 794  
## p[156,5] 0.2 0.3 0.5 0.3 0.1 1.01 885  
## p[157,5] 0.1 0.3 0.4 0.3 0.1 1.01 857  
## p[158,5] 0.3 0.4 0.6 0.4 0.1 1.00 834  
## p[159,5] 0.2 0.4 0.6 0.4 0.1 1.01 816  
## mean\_abundance 13.6 26.1 48.1 27.8 10.9 1.01 481  
## mean\_detection 0.9 1.0 1.0 1.0 0.0 1.01 481  
## mean\_p[1] 0.3 0.4 0.5 0.4 0.1 1.00 913  
## mean\_p[2] 0.2 0.3 0.4 0.3 0.1 1.00 917  
## mean\_p[3] 0.1 0.3 0.4 0.3 0.1 1.00 835  
## mean\_p[4] 0.2 0.3 0.4 0.3 0.1 1.01 768  
## mean\_p[5] 0.1 0.2 0.4 0.2 0.1 1.01 748  
## mean\_p[6] 0.1 0.2 0.4 0.2 0.1 1.02 648  
## mean\_p[7] 0.1 0.2 0.4 0.2 0.1 1.01 685  
## mean\_p[8] 0.2 0.2 0.4 0.2 0.1 1.01 678  
## mean\_p[9] 0.1 0.2 0.3 0.2 0.1 1.01 631  
## mean\_p[10] 0.2 0.3 0.4 0.3 0.1 1.01 595  
## mean\_p[11] 0.1 0.1 0.2 0.2 0.1 1.01 609  
## mean\_p[12] 0.1 0.2 0.3 0.2 0.1 1.01 635  
## mean\_p[13] 0.2 0.3 0.4 0.3 0.1 1.01 621  
## mean\_p[14] 0.1 0.1 0.3 0.1 0.1 1.01 652  
## mean\_p[15] 0.1 0.2 0.3 0.2 0.1 1.01 593  
## mean\_p[16] 0.2 0.3 0.4 0.3 0.1 1.00 779  
## mean\_p[17] 0.1 0.2 0.3 0.2 0.1 1.01 693  
## mean\_p[18] 0.1 0.2 0.4 0.2 0.1 1.00 691  
## mean\_p[19] 0.1 0.2 0.3 0.2 0.1 1.01 611  
## mean\_p[20] 0.1 0.2 0.4 0.2 0.1 1.01 616  
## mean\_p[21] 0.2 0.2 0.4 0.2 0.1 1.01 695  
## mean\_p[22] 0.3 0.5 0.6 0.5 0.1 1.00 977  
## mean\_p[23] 0.2 0.4 0.5 0.4 0.1 1.00 868  
## mean\_p[24] 0.3 0.4 0.6 0.4 0.1 1.00 830  
## mean\_p[25] 0.3 0.4 0.6 0.4 0.1 1.00 892  
## mean\_p[26] 0.2 0.3 0.5 0.3 0.1 1.01 810  
## mean\_p[27] 0.3 0.4 0.5 0.4 0.1 1.00 935  
## mean\_p[28] 0.4 0.6 0.7 0.6 0.1 1.00 826  
## mean\_p[29] 0.4 0.5 0.6 0.5 0.1 1.00 953  
## mean\_p[30] 0.2 0.3 0.4 0.3 0.1 1.00 831  
## mean\_p[31] 0.3 0.4 0.5 0.4 0.1 1.01 921  
## mean\_p[32] 0.3 0.4 0.5 0.4 0.1 1.00 895  
## mean\_p[33] 0.1 0.2 0.3 0.2 0.1 1.00 744  
## mean\_p[34] 0.3 0.5 0.6 0.5 0.1 1.00 910  
## mean\_p[35] 0.3 0.4 0.6 0.4 0.1 1.00 947  
## mean\_p[36] 0.2 0.3 0.5 0.4 0.1 1.00 908  
## mean\_p[37] 0.1 0.1 0.2 0.2 0.0 1.00 666  
## mean\_p[38] 0.1 0.1 0.2 0.2 0.0 1.01 637  
## mean\_p[39] 0.2 0.2 0.3 0.2 0.1 1.00 751  
## mean\_p[40] 0.1 0.1 0.2 0.1 0.0 1.01 703  
## mean\_p[41] 0.3 0.4 0.5 0.4 0.1 1.01 650  
## mean\_p[42] 0.2 0.4 0.5 0.4 0.1 1.01 688  
## mean\_p[43] 0.2 0.3 0.4 0.3 0.1 1.01 719  
## mean\_p[44] 0.2 0.3 0.4 0.3 0.1 1.01 713  
## mean\_p[45] 0.1 0.2 0.3 0.2 0.1 1.01 617  
## mean\_p[46] 0.1 0.2 0.3 0.2 0.1 1.02 594  
## mean\_p[47] 0.1 0.1 0.3 0.1 0.1 1.01 590  
## mean\_p[48] 0.2 0.3 0.5 0.3 0.1 1.00 771  
## mean\_p[49] 0.3 0.4 0.5 0.4 0.1 1.00 923  
## mean\_p[50] 0.3 0.5 0.6 0.5 0.1 1.00 935  
## mean\_p[51] 0.4 0.5 0.6 0.5 0.1 1.00 933  
## mean\_p[52] 0.1 0.1 0.3 0.1 0.1 1.01 659  
## mean\_p[53] 0.1 0.1 0.2 0.1 0.0 1.01 627  
## mean\_p[54] 0.1 0.2 0.3 0.2 0.1 1.01 803  
## mean\_p[55] 0.1 0.2 0.3 0.2 0.1 1.01 831  
## mean\_p[56] 0.1 0.2 0.3 0.2 0.1 1.01 699  
## mean\_p[57] 0.1 0.2 0.3 0.2 0.1 1.02 541  
## mean\_p[58] 0.2 0.3 0.4 0.3 0.1 1.00 895  
## mean\_p[59] 0.1 0.2 0.3 0.2 0.1 1.01 815  
## mean\_p[60] 0.2 0.3 0.4 0.3 0.1 1.00 832  
## mean\_p[61] 0.1 0.1 0.3 0.1 0.1 1.01 625  
## mean\_p[62] 0.1 0.1 0.2 0.1 0.1 1.01 745  
## mean\_p[63] 0.1 0.1 0.2 0.1 0.1 1.00 757  
## mean\_p[64] 0.3 0.5 0.6 0.5 0.1 1.00 884  
## mean\_p[65] 0.4 0.5 0.6 0.5 0.1 1.00 877  
## mean\_p[66] 0.3 0.4 0.5 0.4 0.1 1.00 856  
## mean\_p[67] 0.1 0.1 0.2 0.1 0.1 1.01 641  
## mean\_p[68] 0.1 0.1 0.2 0.1 0.1 1.01 814  
## mean\_p[69] 0.1 0.2 0.3 0.2 0.1 1.01 773  
## mean\_p[70] 0.1 0.1 0.2 0.1 0.1 1.00 811  
## mean\_p[71] 0.1 0.2 0.4 0.2 0.1 1.01 746  
## mean\_p[72] 0.1 0.1 0.3 0.1 0.1 1.01 770  
## mean\_p[73] 0.1 0.1 0.2 0.1 0.0 1.01 772  
## mean\_p[74] 0.1 0.1 0.2 0.1 0.1 1.01 785  
## mean\_p[75] 0.1 0.2 0.3 0.2 0.1 1.01 783  
## mean\_p[76] 0.2 0.3 0.5 0.3 0.1 1.00 736  
## mean\_p[77] 0.2 0.3 0.4 0.3 0.1 1.00 883  
## mean\_p[78] 0.2 0.3 0.4 0.3 0.1 1.00 867  
## mean\_p[79] 0.1 0.2 0.3 0.2 0.1 1.01 648  
## mean\_p[80] 0.1 0.2 0.3 0.2 0.1 1.01 596  
## mean\_p[81] 0.2 0.4 0.5 0.4 0.1 1.01 674  
## mean\_p[82] 0.1 0.2 0.3 0.2 0.1 1.02 531  
## mean\_p[83] 0.1 0.2 0.4 0.2 0.1 1.02 610  
## mean\_p[84] 0.1 0.2 0.3 0.2 0.1 1.01 797  
## mean\_p[85] 0.1 0.2 0.4 0.2 0.1 1.01 858  
## mean\_p[86] 0.1 0.2 0.3 0.2 0.1 1.01 747  
## mean\_p[87] 0.1 0.2 0.4 0.2 0.1 1.01 589  
## mean\_p[88] 0.2 0.3 0.5 0.3 0.1 1.01 599  
## mean\_p[89] 0.2 0.3 0.4 0.3 0.1 1.00 702  
## mean\_p[90] 0.1 0.2 0.3 0.2 0.1 1.00 796  
## mean\_p[91] 0.2 0.3 0.4 0.3 0.1 1.00 899  
## mean\_p[92] 0.2 0.3 0.4 0.3 0.1 1.00 827  
## mean\_p[93] 0.2 0.3 0.4 0.3 0.1 1.01 962  
## mean\_p[94] 0.1 0.2 0.4 0.2 0.1 1.00 858  
## mean\_p[95] 0.2 0.3 0.4 0.3 0.1 1.01 850  
## mean\_p[96] 0.2 0.3 0.5 0.3 0.1 1.00 847  
## mean\_p[97] 0.3 0.4 0.6 0.4 0.1 1.00 946  
## mean\_p[98] 0.4 0.6 0.7 0.6 0.1 1.00 957  
## mean\_p[99] 0.4 0.5 0.7 0.5 0.1 1.00 761  
## mean\_p[100] 0.4 0.5 0.7 0.5 0.1 1.00 871  
## mean\_p[101] 0.4 0.5 0.7 0.5 0.1 1.00 890  
## mean\_p[102] 0.4 0.5 0.7 0.5 0.1 1.01 899  
## mean\_p[103] 0.2 0.3 0.5 0.3 0.1 1.00 874  
## mean\_p[104] 0.1 0.2 0.3 0.2 0.1 1.00 836  
## mean\_p[105] 0.2 0.3 0.5 0.3 0.1 1.00 1054  
## mean\_p[106] 0.2 0.3 0.5 0.3 0.1 1.00 862  
## mean\_p[107] 0.3 0.4 0.6 0.4 0.1 1.00 895  
## mean\_p[108] 0.2 0.4 0.5 0.4 0.1 1.00 874  
## mean\_p[109] 0.2 0.3 0.5 0.3 0.1 1.00 1020  
## mean\_p[110] 0.1 0.3 0.4 0.3 0.1 1.00 953  
## mean\_p[111] 0.2 0.3 0.5 0.3 0.1 1.00 859  
## mean\_p[112] 0.2 0.3 0.5 0.3 0.1 1.00 845  
## mean\_p[113] 0.2 0.3 0.5 0.3 0.1 1.00 917  
## mean\_p[114] 0.2 0.3 0.4 0.3 0.1 1.00 933  
## mean\_p[115] 0.4 0.6 0.7 0.6 0.1 1.00 843  
## mean\_p[116] 0.4 0.6 0.7 0.6 0.1 1.01 846  
## mean\_p[117] 0.3 0.4 0.5 0.4 0.1 1.00 945  
## mean\_p[118] 0.1 0.2 0.3 0.2 0.1 1.01 715  
## mean\_p[119] 0.2 0.2 0.3 0.2 0.0 1.01 945  
## mean\_p[120] 0.2 0.3 0.4 0.3 0.1 1.01 691  
## mean\_p[121] 0.1 0.2 0.3 0.2 0.1 1.01 753  
## mean\_p[122] 0.1 0.2 0.3 0.2 0.1 1.00 793  
## mean\_p[123] 0.1 0.2 0.3 0.2 0.1 1.01 738  
## mean\_p[124] 0.2 0.3 0.5 0.3 0.1 1.00 859  
## mean\_p[125] 0.2 0.3 0.4 0.3 0.1 1.00 832  
## mean\_p[126] 0.1 0.2 0.3 0.2 0.1 1.01 722  
## mean\_p[127] 0.2 0.3 0.4 0.3 0.1 1.00 904  
## mean\_p[128] 0.1 0.2 0.4 0.2 0.1 1.00 867  
## mean\_p[129] 0.1 0.2 0.3 0.2 0.1 1.00 839  
## mean\_p[130] 0.4 0.5 0.7 0.5 0.1 1.00 908  
## mean\_p[131] 0.2 0.3 0.4 0.3 0.1 1.00 674  
## mean\_p[132] 0.1 0.1 0.3 0.1 0.1 1.01 701  
## mean\_p[133] 0.3 0.4 0.5 0.4 0.1 1.00 963  
## mean\_p[134] 0.2 0.3 0.5 0.3 0.1 1.00 730  
## mean\_p[135] 0.2 0.3 0.4 0.3 0.1 1.01 840  
## mean\_p[136] 0.1 0.1 0.3 0.2 0.1 1.01 704  
## mean\_p[137] 0.1 0.2 0.4 0.2 0.1 1.01 715  
## mean\_p[138] 0.1 0.2 0.3 0.2 0.1 1.01 702  
## mean\_p[139] 0.2 0.3 0.4 0.3 0.1 1.01 754  
## mean\_p[140] 0.2 0.3 0.4 0.3 0.1 1.01 760  
## mean\_p[141] 0.2 0.3 0.4 0.3 0.1 1.00 868  
## mean\_p[142] 0.1 0.2 0.3 0.2 0.1 1.01 725  
## mean\_p[143] 0.1 0.2 0.4 0.2 0.1 1.01 648  
## mean\_p[144] 0.2 0.4 0.5 0.4 0.1 1.00 730  
## mean\_p[145] 0.3 0.5 0.6 0.5 0.1 1.00 917  
## mean\_p[146] 0.3 0.4 0.6 0.4 0.1 1.01 902  
## mean\_p[147] 0.2 0.3 0.4 0.3 0.1 1.01 821  
## mean\_p[148] 0.3 0.4 0.5 0.4 0.1 1.00 960  
## mean\_p[149] 0.2 0.3 0.4 0.3 0.1 1.00 972  
## mean\_p[150] 0.2 0.3 0.4 0.3 0.1 1.01 810  
## mean\_p[151] 0.2 0.3 0.4 0.3 0.1 1.01 750  
## mean\_p[152] 0.1 0.2 0.3 0.2 0.1 1.01 796  
## mean\_p[153] 0.1 0.2 0.4 0.2 0.1 1.01 586  
## mean\_p[154] 0.3 0.4 0.5 0.4 0.1 1.00 894  
## mean\_p[155] 0.3 0.4 0.5 0.4 0.1 1.01 785  
## mean\_p[156] 0.1 0.2 0.3 0.2 0.1 1.01 849  
## mean\_p[157] 0.2 0.3 0.4 0.3 0.1 1.00 792  
## mean\_p[158] 0.2 0.4 0.5 0.4 0.1 1.00 779  
## mean\_p[159] 0.1 0.2 0.4 0.2 0.1 1.00 787  
## log\_lik[1] -0.2 0.0 0.0 -0.1 0.1 1.00 958  
## log\_lik[2] -0.2 0.0 0.0 -0.1 0.1 1.00 941  
## log\_lik[3] -0.3 -0.1 0.0 -0.1 0.1 1.00 988  
## log\_lik[4] -0.3 -0.1 0.0 -0.1 0.1 1.00 993  
## log\_lik[5] -0.4 -0.1 0.0 -0.1 0.1 1.00 998  
## log\_lik[6] -0.4 -0.1 0.0 -0.1 0.1 1.00 1000  
## log\_lik[7] -18.5 -15.4 -13.8 -15.7 1.5 1.00 852  
## log\_lik[8] -18.4 -15.0 -13.5 -15.4 1.5 1.00 892  
## log\_lik[9] -18.1 -15.0 -13.5 -15.4 1.5 1.00 1005  
## log\_lik[10] -18.5 -14.5 -12.4 -14.8 1.9 1.00 918  
## log\_lik[11] -17.4 -13.5 -11.6 -13.8 1.8 1.00 945  
## log\_lik[12] -17.8 -14.3 -12.4 -14.6 1.7 1.00 896  
## log\_lik[13] -17.4 -14.0 -12.2 -14.3 1.6 1.01 957  
## log\_lik[14] -16.5 -13.4 -11.9 -13.8 1.5 1.00 833  
## log\_lik[15] -16.4 -13.5 -12.1 -13.8 1.4 1.00 952  
## log\_lik[16] -12.1 -9.6 -8.4 -9.8 1.2 1.00 832  
## log\_lik[17] -12.5 -9.5 -7.6 -9.7 1.6 1.00 964  
## log\_lik[18] -14.4 -10.9 -9.1 -11.2 1.7 1.00 916  
## log\_lik[19] -16.0 -13.1 -11.6 -13.3 1.4 1.00 937  
## log\_lik[20] -15.2 -12.5 -11.1 -12.7 1.3 1.00 1000  
## log\_lik[21] -14.8 -11.7 -9.9 -11.9 1.5 1.01 984  
## log\_lik[22] -12.3 -9.6 -8.0 -9.9 1.4 1.00 1075  
## log\_lik[23] -12.2 -9.5 -8.2 -9.7 1.2 1.00 896  
## log\_lik[24] -12.1 -9.5 -8.2 -9.8 1.3 1.00 912  
## log\_lik[25] -11.4 -9.2 -7.9 -9.4 1.1 1.01 761  
## log\_lik[26] -13.5 -10.5 -8.7 -10.8 1.5 1.01 879  
## log\_lik[27] -11.4 -8.4 -6.6 -8.6 1.5 1.00 991  
## log\_lik[28] -12.4 -9.9 -8.5 -10.1 1.2 1.00 893  
## log\_lik[29] -13.1 -10.5 -8.9 -10.7 1.4 1.00 1060  
## log\_lik[30] -11.6 -8.9 -7.3 -9.1 1.4 1.00 908  
## log\_lik[31] -17.3 -14.3 -12.8 -14.5 1.4 1.00 1001  
## log\_lik[32] -17.7 -14.4 -12.7 -14.7 1.6 1.00 884  
## log\_lik[33] -16.8 -13.7 -12.2 -14.0 1.5 1.00 973  
## log\_lik[34] -0.4 -0.1 0.0 -0.1 0.2 1.00 774  
## log\_lik[35] -0.5 -0.1 0.0 -0.2 0.2 1.00 767  
## log\_lik[36] -0.5 -0.1 0.0 -0.2 0.2 1.00 760  
## log\_lik[37] -16.3 -13.1 -11.6 -13.4 1.5 1.00 993  
## log\_lik[38] -16.6 -13.2 -11.6 -13.5 1.6 1.00 890  
## log\_lik[39] -16.4 -13.3 -11.7 -13.5 1.5 1.00 942  
## log\_lik[40] -16.5 -13.3 -11.6 -13.6 1.6 1.00 1055  
## log\_lik[41] -20.0 -15.8 -13.6 -16.2 2.0 1.00 977  
## log\_lik[42] -19.2 -15.0 -13.0 -15.4 1.9 1.00 895  
## log\_lik[43] -15.5 -12.7 -11.4 -13.0 1.3 1.00 1023  
## log\_lik[44] -16.4 -13.4 -11.9 -13.7 1.5 1.00 913  
## log\_lik[45] -15.9 -12.7 -11.3 -13.1 1.5 1.00 958  
## log\_lik[46] -16.5 -13.5 -12.1 -13.8 1.4 1.00 1012  
## log\_lik[47] -15.2 -12.4 -11.0 -12.6 1.4 1.00 906  
## log\_lik[48] -15.6 -12.9 -11.4 -13.1 1.3 1.00 928  
## log\_lik[49] -13.8 -11.1 -9.8 -11.4 1.3 1.00 963  
## log\_lik[50] -13.7 -11.0 -9.6 -11.2 1.3 1.00 949  
## log\_lik[51] -14.1 -11.4 -9.9 -11.6 1.3 1.00 976  
## log\_lik[52] -14.8 -11.2 -8.7 -11.5 1.9 1.01 747  
## log\_lik[53] -11.4 -9.1 -7.8 -9.2 1.1 1.00 889  
## log\_lik[54] -14.0 -10.7 -9.0 -10.9 1.5 1.01 769  
## log\_lik[55] -12.3 -9.4 -7.9 -9.7 1.4 1.01 904  
## log\_lik[56] -15.8 -12.2 -10.4 -12.6 1.8 1.00 859  
## log\_lik[57] -14.9 -11.9 -10.2 -12.1 1.5 1.00 931  
## log\_lik[58] -13.0 -10.3 -8.8 -10.5 1.3 1.00 1017  
## log\_lik[59] -13.5 -10.6 -9.2 -10.9 1.4 1.00 876  
## log\_lik[60] -13.9 -10.9 -9.5 -11.2 1.4 1.00 980  
## log\_lik[61] -8.6 -6.3 -4.8 -6.4 1.2 1.00 1009  
## log\_lik[62] -7.5 -5.3 -3.9 -5.5 1.1 1.01 953  
## log\_lik[63] -9.0 -6.1 -4.2 -6.3 1.5 1.00 1096  
## log\_lik[64] -13.7 -11.2 -9.8 -11.4 1.2 1.00 929  
## log\_lik[65] -15.2 -12.1 -10.4 -12.3 1.5 1.00 971  
## log\_lik[66] -15.8 -12.2 -10.1 -12.5 1.8 1.00 887  
## log\_lik[67] -10.9 -8.8 -7.7 -9.0 1.1 1.00 1001  
## log\_lik[68] -10.7 -8.2 -6.8 -8.4 1.2 1.00 916  
## log\_lik[69] -11.4 -8.6 -6.8 -8.8 1.5 1.01 988  
## log\_lik[70] -9.4 -7.0 -5.6 -7.2 1.2 1.01 966  
## log\_lik[71] -9.8 -7.6 -6.5 -7.8 1.0 1.00 906  
## log\_lik[72] -10.9 -8.3 -6.8 -8.5 1.3 1.00 971  
## log\_lik[73] -12.6 -9.1 -6.8 -9.3 1.8 1.00 916  
## log\_lik[74] -11.3 -8.8 -7.5 -9.0 1.3 1.00 1001  
## log\_lik[75] -12.8 -9.7 -7.5 -9.9 1.7 1.00 902  
## log\_lik[76] -1.7 -0.6 -0.2 -0.7 0.5 1.00 879  
## log\_lik[77] -9.0 -6.3 -4.4 -6.4 1.4 1.00 1014  
## log\_lik[78] -1.5 -0.6 -0.2 -0.7 0.4 1.00 871  
## log\_lik[79] -14.5 -11.7 -10.3 -12.0 1.4 1.01 906  
## log\_lik[80] -15.7 -12.4 -11.1 -12.8 1.5 1.00 955  
## log\_lik[81] -16.2 -13.3 -11.7 -13.5 1.5 1.00 975  
## log\_lik[82] -15.9 -13.0 -11.4 -13.2 1.4 1.00 1055  
## log\_lik[83] -14.4 -11.4 -10.0 -11.7 1.4 1.00 1009  
## log\_lik[84] -13.0 -10.3 -9.0 -10.6 1.3 1.00 1003  
## log\_lik[85] -14.6 -11.5 -10.1 -11.8 1.4 1.00 945  
## log\_lik[86] -13.3 -10.7 -9.3 -10.9 1.3 1.00 944  
## log\_lik[87] -15.9 -12.8 -11.2 -13.1 1.5 1.00 749  
## log\_lik[88] -18.5 -14.7 -12.3 -15.0 2.0 1.00 970  
## log\_lik[89] -12.0 -9.1 -7.2 -9.3 1.5 1.00 972  
## log\_lik[90] -13.2 -9.5 -6.9 -9.7 2.0 1.01 992  
## log\_lik[91] -0.1 0.0 0.0 0.0 0.1 1.01 861  
## log\_lik[92] -0.1 0.0 0.0 0.0 0.0 1.01 869  
## log\_lik[93] -0.1 0.0 0.0 0.0 0.1 1.01 870  
## log\_lik[94] -0.1 0.0 0.0 0.0 0.1 1.00 744  
## log\_lik[95] -0.1 0.0 0.0 0.0 0.1 1.00 747  
## log\_lik[96] -0.1 0.0 0.0 0.0 0.1 1.00 736  
## log\_lik[97] -0.2 0.0 0.0 0.0 0.1 1.00 896  
## log\_lik[98] -0.2 0.0 0.0 0.0 0.1 1.00 884  
## log\_lik[99] -0.2 0.0 0.0 -0.1 0.1 1.00 887  
## log\_lik[100] -0.2 0.0 0.0 -0.1 0.1 1.00 849  
## log\_lik[101] -0.2 0.0 0.0 -0.1 0.1 1.00 845  
## log\_lik[102] -0.3 0.0 0.0 -0.1 0.1 1.00 847  
## log\_lik[103] -0.2 0.0 0.0 0.0 0.1 1.00 874  
## log\_lik[104] -0.2 0.0 0.0 -0.1 0.1 1.00 873  
## log\_lik[105] -0.2 0.0 0.0 -0.1 0.1 1.00 918  
## log\_lik[106] -0.2 0.0 0.0 -0.1 0.1 1.00 909  
## log\_lik[107] -0.2 0.0 0.0 -0.1 0.1 1.00 904  
## log\_lik[108] -0.2 0.0 0.0 -0.1 0.1 1.00 916  
## log\_lik[109] -0.6 -0.1 0.0 -0.2 0.2 1.00 948  
## log\_lik[110] -0.5 -0.1 0.0 -0.1 0.2 1.00 959  
## log\_lik[111] -0.5 -0.1 0.0 -0.1 0.2 1.00 957  
## log\_lik[112] -0.5 -0.1 0.0 -0.2 0.2 1.00 870  
## log\_lik[113] -0.6 -0.1 0.0 -0.2 0.2 1.00 839  
## log\_lik[114] -0.5 -0.1 0.0 -0.2 0.2 1.00 818  
## log\_lik[115] -0.6 -0.1 0.0 -0.2 0.2 1.00 972  
## log\_lik[116] -0.6 -0.1 0.0 -0.2 0.2 1.00 971  
## log\_lik[117] -0.7 -0.2 0.0 -0.2 0.2 1.01 1004  
## log\_lik[118] -14.5 -10.9 -8.8 -11.2 1.8 1.00 902  
## log\_lik[119] -15.7 -11.6 -9.1 -11.9 2.1 1.00 946  
## log\_lik[120] -16.7 -12.6 -9.8 -12.8 2.1 1.00 906  
## log\_lik[121] -8.3 -6.3 -5.1 -6.4 1.0 1.00 938  
## log\_lik[122] -9.7 -6.9 -5.0 -7.0 1.4 1.00 814  
## log\_lik[123] -13.4 -9.6 -7.1 -9.8 1.9 1.00 868  
## log\_lik[124] -0.8 -0.2 0.0 -0.3 0.3 1.00 982  
## log\_lik[125] -1.1 -0.3 -0.1 -0.4 0.4 1.00 964  
## log\_lik[126] -1.3 -0.4 -0.1 -0.5 0.4 1.00 1002  
## log\_lik[127] -1.0 -0.3 -0.1 -0.4 0.3 1.01 828  
## log\_lik[128] -1.3 -0.4 -0.1 -0.5 0.4 1.00 833  
## log\_lik[129] -1.3 -0.4 -0.1 -0.5 0.4 1.00 842  
## log\_lik[130] -15.7 -12.5 -10.8 -12.7 1.5 1.00 916  
## log\_lik[131] -16.5 -13.3 -11.7 -13.5 1.5 1.00 780  
## log\_lik[132] -15.5 -12.2 -10.6 -12.5 1.6 1.01 880  
## log\_lik[133] -13.8 -10.4 -8.4 -10.7 1.7 1.01 944  
## log\_lik[134] -14.6 -11.2 -9.4 -11.5 1.6 1.00 845  
## log\_lik[135] -14.3 -11.2 -9.7 -11.5 1.5 1.00 995  
## log\_lik[136] -16.7 -13.4 -11.9 -13.7 1.5 1.00 830  
## log\_lik[137] -17.6 -14.2 -12.6 -14.5 1.6 1.00 987  
## log\_lik[138] -17.7 -14.5 -12.9 -14.8 1.5 1.00 1025  
## log\_lik[139] -14.6 -11.5 -9.8 -11.7 1.5 1.00 905  
## log\_lik[140] -14.2 -11.2 -9.3 -11.4 1.5 1.00 981  
## log\_lik[141] -14.0 -10.8 -9.4 -11.1 1.5 1.00 960  
## log\_lik[142] -11.9 -8.8 -7.3 -9.1 1.5 1.00 930  
## log\_lik[143] -14.2 -10.8 -9.1 -11.1 1.6 1.00 1046  
## log\_lik[144] -16.0 -12.3 -10.2 -12.5 1.8 1.00 1013  
## log\_lik[145] -0.8 -0.2 0.0 -0.3 0.2 1.00 1025  
## log\_lik[146] -1.0 -0.3 -0.1 -0.4 0.3 1.00 1024  
## log\_lik[147] -6.4 -4.5 -3.2 -4.6 1.0 1.00 1112  
## log\_lik[148] -15.0 -11.6 -9.6 -11.9 1.7 1.01 846  
## log\_lik[149] -14.7 -11.1 -8.6 -11.3 2.0 1.00 913  
## log\_lik[150] -14.6 -11.0 -9.0 -11.3 1.8 1.00 964  
## log\_lik[151] -11.7 -8.8 -7.3 -9.1 1.3 1.00 989  
## log\_lik[152] -10.9 -7.9 -6.1 -8.0 1.5 1.00 1044  
## log\_lik[153] -11.2 -8.7 -7.6 -9.0 1.1 1.00 928  
## log\_lik[154] -15.8 -12.3 -10.4 -12.6 1.7 1.00 995  
## log\_lik[155] -16.1 -12.7 -10.9 -13.0 1.6 1.00 1030  
## log\_lik[156] -15.2 -12.0 -10.0 -12.2 1.6 1.00 790  
## log\_lik[157] -16.2 -13.2 -11.7 -13.5 1.4 1.00 930  
## log\_lik[158] -17.7 -14.3 -12.5 -14.6 1.6 1.00 1085  
## log\_lik[159] -15.7 -12.5 -10.7 -12.8 1.6 1.00 960  
## eval[1,1] 0.0 0.0 0.1 0.0 0.1 1.00 1000  
## eval[2,1] 0.0 0.0 0.3 0.0 0.1 1.00 973  
## eval[3,1] 0.0 0.0 0.2 0.0 0.1 1.00 957  
## eval[4,1] 0.0 0.0 0.3 0.0 0.1 1.00 1098  
## eval[5,1] 0.0 0.0 0.3 0.0 0.1 1.00 1204  
## eval[6,1] 0.0 0.0 0.2 0.0 0.1 1.00 1153  
## eval[7,1] 14.1 20.9 29.3 21.2 4.7 1.00 1089  
## eval[8,1] 19.5 27.9 37.9 28.3 5.8 1.00 940  
## eval[9,1] 14.2 21.1 29.5 21.4 4.5 1.00 1056  
## eval[10,1] 30.0 42.0 55.5 42.1 7.6 1.00 1017  
## eval[11,1] 18.3 26.8 37.3 27.3 5.8 1.00 1028  
## eval[12,1] 16.6 24.5 34.3 24.8 5.3 1.00 1063  
## eval[13,1] 9.7 14.9 22.3 15.3 4.0 1.00 920  
## eval[14,1] 12.3 19.1 26.4 19.2 4.5 1.00 977  
## eval[15,1] 11.3 17.2 25.1 17.5 4.3 1.00 1002  
## eval[16,1] 0.8 2.3 5.3 2.6 1.4 1.00 972  
## eval[17,1] 0.5 1.6 4.0 1.8 1.1 1.00 888  
## eval[18,1] 2.2 4.8 9.0 5.1 2.1 1.00 957  
## eval[19,1] 10.0 15.5 23.9 16.0 4.4 1.00 878  
## eval[20,1] 4.4 7.7 13.1 8.0 2.7 1.00 1035  
## eval[21,1] 1.6 3.4 6.9 3.7 1.6 1.00 1000  
## eval[22,1] 1.5 3.6 7.3 3.9 1.9 1.01 807  
## eval[23,1] 2.3 5.1 9.2 5.3 2.2 1.00 942  
## eval[24,1] 1.4 3.3 6.8 3.6 1.7 1.00 1056  
## eval[25,1] 1.6 3.8 7.9 4.1 1.9 1.00 849  
## eval[26,1] 0.7 1.8 4.1 2.0 1.1 1.00 1030  
## eval[27,1] 0.7 2.1 4.9 2.4 1.3 1.01 937  
## eval[28,1] 2.7 5.9 11.1 6.3 2.6 1.00 1037  
## eval[29,1] 1.8 4.5 8.5 4.7 2.1 1.00 1089  
## eval[30,1] 1.2 3.0 6.9 3.4 1.8 1.00 985  
## eval[31,1] 9.2 14.2 21.7 14.6 3.9 1.00 1257  
## eval[32,1] 10.2 15.6 23.2 16.1 4.0 1.00 952  
## eval[33,1] 7.8 12.9 19.7 13.3 3.7 1.01 899  
## eval[34,1] 0.0 0.0 0.6 0.1 0.2 1.00 934  
## eval[35,1] 0.0 0.0 0.5 0.1 0.2 1.00 969  
## eval[36,1] 0.0 0.0 0.4 0.1 0.2 1.00 952  
## eval[37,1] 3.0 5.7 10.2 6.0 2.2 1.01 896  
## eval[38,1] 3.0 5.7 10.4 6.1 2.3 1.00 961  
## eval[39,1] 5.4 9.6 15.3 9.8 3.1 1.00 973  
## eval[40,1] 5.8 10.0 16.4 10.4 3.2 1.00 958  
## eval[41,1] 13.5 20.4 30.1 20.8 5.0 1.00 984  
## eval[42,1] 2.5 5.0 8.9 5.3 2.0 1.00 982  
## eval[43,1] 4.9 8.6 14.5 9.0 2.9 1.00 911  
## eval[44,1] 9.7 15.3 22.5 15.6 4.0 1.00 997  
## eval[45,1] 2.6 5.1 9.3 5.4 2.1 1.01 855  
## eval[46,1] 3.3 6.4 11.0 6.7 2.4 1.00 923  
## eval[47,1] 4.0 7.6 12.9 7.9 2.7 1.00 924  
## eval[48,1] 6.0 10.3 17.2 10.8 3.4 1.00 990  
## eval[49,1] 4.0 7.5 13.1 7.8 2.8 1.01 928  
## eval[50,1] 2.2 5.0 9.0 5.2 2.1 1.01 1041  
## eval[51,1] 2.9 5.8 10.2 6.1 2.3 1.00 1086  
## eval[52,1] 0.6 1.7 4.0 1.9 1.1 1.00 863  
## eval[53,1] 0.7 2.0 4.2 2.1 1.1 1.01 888  
## eval[54,1] 1.3 3.0 6.3 3.3 1.6 1.00 933  
## eval[55,1] 0.9 2.4 5.4 2.7 1.4 1.00 885  
## eval[56,1] 1.3 2.9 5.9 3.1 1.4 1.01 911  
## eval[57,1] 2.0 4.3 7.6 4.5 1.9 1.00 891  
## eval[58,1] 1.7 4.0 8.3 4.3 2.0 1.00 916  
## eval[59,1] 1.5 3.2 6.5 3.5 1.6 1.00 1018  
## eval[60,1] 1.7 3.8 7.8 4.2 1.9 1.00 1110  
## eval[61,1] 0.2 0.8 2.1 0.9 0.7 1.00 1084  
## eval[62,1] 0.2 0.8 2.3 0.9 0.6 1.00 935  
## eval[63,1] 0.1 0.5 1.5 0.6 0.4 1.00 1056  
## eval[64,1] 4.4 8.5 14.3 8.7 3.1 1.00 906  
## eval[65,1] 4.7 8.6 14.6 9.0 3.0 1.01 918  
## eval[66,1] 4.1 7.6 13.1 8.0 2.8 1.00 915  
## eval[67,1] 1.3 3.0 6.4 3.3 1.7 1.00 881  
## eval[68,1] 0.7 2.0 4.5 2.1 1.1 1.00 954  
## eval[69,1] 0.4 1.4 3.6 1.6 1.0 1.00 982  
## eval[70,1] 0.2 0.8 2.3 1.0 0.8 1.00 1065  
## eval[71,1] 0.3 1.1 2.9 1.3 0.9 1.00 924  
## eval[72,1] 0.4 1.2 3.2 1.4 0.9 1.01 1004  
## eval[73,1] 0.3 1.1 3.0 1.3 0.9 1.00 915  
## eval[74,1] 0.8 2.3 5.3 2.6 1.4 1.00 957  
## eval[75,1] 0.6 1.9 4.7 2.2 1.3 1.00 871  
## eval[76,1] 0.0 0.1 1.0 0.3 0.4 1.00 989  
## eval[77,1] 0.0 0.1 0.9 0.2 0.3 1.00 1046  
## eval[78,1] 0.0 0.1 0.9 0.2 0.3 1.00 1039  
## eval[79,1] 5.3 9.7 15.7 10.1 3.2 1.01 883  
## eval[80,1] 5.4 9.7 15.9 10.1 3.2 1.00 904  
## eval[81,1] 15.3 23.4 33.6 23.7 5.6 1.00 939  
## eval[82,1] 9.4 15.5 23.4 15.9 4.3 1.00 949  
## eval[83,1] 2.8 5.8 10.5 6.1 2.5 1.00 1038  
## eval[84,1] 4.9 9.3 15.4 9.6 3.3 1.00 980  
## eval[85,1] 4.5 8.2 14.3 8.7 3.0 1.00 971  
## eval[86,1] 1.1 2.7 5.9 3.0 1.5 1.00 907  
## eval[87,1] 6.5 11.2 17.7 11.6 3.4 1.00 978  
## eval[88,1] 7.6 12.2 19.1 12.6 3.5 1.00 920  
## eval[89,1] 1.5 3.9 8.2 4.4 2.2 1.01 872  
## eval[90,1] 0.7 2.1 5.1 2.4 1.4 1.00 997  
## eval[91,1] 0.0 0.0 0.0 0.0 0.1 1.00 930  
## eval[92,1] 0.0 0.0 0.0 0.0 0.1 1.00 972  
## eval[93,1] 0.0 0.0 0.0 0.0 0.0 1.00 1061  
## eval[94,1] 0.0 0.0 0.0 0.0 0.0 1.00 884  
## eval[95,1] 0.0 0.0 0.0 0.0 0.1 1.00 1108  
## eval[96,1] 0.0 0.0 0.0 0.0 0.1 1.00 1002  
## eval[97,1] 0.0 0.0 0.1 0.0 0.1 1.00 1045  
## eval[98,1] 0.0 0.0 0.0 0.0 0.1 1.00 993  
## eval[99,1] 0.0 0.0 0.0 0.0 0.1 1.00 1014  
## eval[100,1] 0.0 0.0 0.0 0.0 0.1 1.00 1033  
## eval[101,1] 0.0 0.0 0.0 0.0 0.1 1.00 994  
## eval[102,1] 0.0 0.0 0.3 0.0 0.1 1.00 948  
## eval[103,1] 0.0 0.0 0.1 0.0 0.1 1.00 960  
## eval[104,1] 0.0 0.0 0.1 0.0 0.1 1.00 912  
## eval[105,1] 0.0 0.0 0.1 0.0 0.1 1.00 1065  
## eval[106,1] 0.0 0.0 0.2 0.0 0.1 1.00 925  
## eval[107,1] 0.0 0.0 0.1 0.0 0.1 1.00 1007  
## eval[108,1] 0.0 0.0 0.2 0.0 0.1 1.00 993  
## eval[109,1] 0.0 0.0 0.4 0.1 0.2 1.00 990  
## eval[110,1] 0.0 0.0 0.3 0.0 0.1 1.00 1140  
## eval[111,1] 0.0 0.0 0.3 0.0 0.1 1.00 898  
## eval[112,1] 0.0 0.0 0.4 0.1 0.2 1.00 976  
## eval[113,1] 0.0 0.0 0.4 0.1 0.2 1.00 926  
## eval[114,1] 0.0 0.0 0.4 0.1 0.2 1.00 1047  
## eval[115,1] 0.0 0.0 0.7 0.1 0.3 1.00 1112  
## eval[116,1] 0.0 0.0 0.7 0.1 0.3 1.00 1093  
## eval[117,1] 0.0 0.0 0.6 0.1 0.2 1.00 1009  
## eval[118,1] 0.7 2.0 4.5 2.2 1.2 1.00 908  
## eval[119,1] 0.7 1.9 4.7 2.2 1.3 1.00 1024  
## eval[120,1] 1.0 2.4 5.3 2.6 1.3 1.00 947  
## eval[121,1] 0.3 1.0 2.8 1.2 0.8 1.00 859  
## eval[122,1] 0.2 0.7 2.1 0.9 0.6 1.00 798  
## eval[123,1] 0.2 0.7 2.1 0.9 0.6 1.01 965  
## eval[124,1] 0.0 0.0 0.5 0.1 0.2 1.00 1015  
## eval[125,1] 0.0 0.0 0.6 0.1 0.2 1.00 906  
## eval[126,1] 0.0 0.0 0.5 0.1 0.2 1.01 1074  
## eval[127,1] 0.0 0.0 0.6 0.1 0.2 1.00 766  
## eval[128,1] 0.0 0.0 0.6 0.1 0.2 1.00 1138  
## eval[129,1] 0.0 0.0 0.6 0.1 0.2 1.00 986  
## eval[130,1] 5.2 9.5 15.6 9.8 3.3 1.01 1052  
## eval[131,1] 3.9 7.0 12.5 7.5 2.6 1.00 1014  
## eval[132,1] 6.6 11.2 17.6 11.5 3.5 1.00 1028  
## eval[133,1] 1.1 2.8 6.4 3.1 1.7 1.00 1014  
## eval[134,1] 1.0 2.5 5.4 2.7 1.4 1.00 1004  
## eval[135,1] 1.6 3.7 7.1 4.0 1.8 1.00 959  
## eval[136,1] 3.5 6.5 11.0 6.8 2.3 1.00 862  
## eval[137,1] 2.7 5.6 9.4 5.7 2.0 1.00 999  
## eval[138,1] 4.5 8.1 13.4 8.5 2.8 1.00 903  
## eval[139,1] 2.8 5.8 10.4 6.1 2.4 1.00 998  
## eval[140,1] 1.6 3.5 6.9 3.8 1.7 1.01 938  
## eval[141,1] 4.0 7.5 13.5 8.0 3.0 1.00 968  
## eval[142,1] 0.9 2.3 5.6 2.7 1.5 1.00 1081  
## eval[143,1] 1.3 3.0 6.3 3.3 1.5 1.00 837  
## eval[144,1] 1.7 3.7 7.2 4.0 1.8 1.00 1073  
## eval[145,1] 0.0 0.0 0.7 0.2 0.3 1.00 806  
## eval[146,1] 0.0 0.0 0.7 0.2 0.3 1.00 1015  
## eval[147,1] 0.0 0.0 0.6 0.1 0.2 1.00 892  
## eval[148,1] 1.5 3.3 6.9 3.5 1.7 1.00 1023  
## eval[149,1] 0.9 2.3 5.2 2.6 1.3 1.00 1092  
## eval[150,1] 0.8 2.0 4.9 2.4 1.3 1.00 1016  
## eval[151,1] 0.3 1.1 2.8 1.2 0.8 1.00 1036  
## eval[152,1] 0.4 1.2 3.2 1.4 0.9 1.00 1095  
## eval[153,1] 0.6 1.8 4.2 2.0 1.2 1.00 1041  
## eval[154,1] 2.4 5.0 9.2 5.4 2.2 1.00 906  
## eval[155,1] 2.5 5.0 9.4 5.4 2.2 1.01 901  
## eval[156,1] 1.5 3.4 7.0 3.7 1.7 1.00 945  
## eval[157,1] 5.9 9.9 16.2 10.4 3.3 1.00 839  
## eval[158,1] 8.9 14.3 21.9 14.7 3.9 1.00 972  
## eval[159,1] 3.2 6.2 11.1 6.6 2.5 1.00 1026  
## eval[1,2] 0.0 0.0 0.1 0.0 0.1 1.00 1004  
## eval[2,2] 0.0 0.0 0.2 0.0 0.1 1.00 966  
## eval[3,2] 0.0 0.0 0.2 0.0 0.1 1.00 971  
## eval[4,2] 0.0 0.0 0.3 0.0 0.1 1.00 1059  
## eval[5,2] 0.0 0.0 0.2 0.0 0.1 1.00 1072  
## eval[6,2] 0.0 0.0 0.2 0.0 0.1 1.00 1102  
## eval[7,2] 12.5 18.5 26.8 18.8 4.4 1.00 873  
## eval[8,2] 9.3 14.4 21.4 14.7 3.8 1.00 1024  
## eval[9,2] 7.8 12.6 18.8 12.8 3.3 1.00 945  
## eval[10,2] 23.1 32.8 43.2 33.0 6.3 1.00 1033  
## eval[11,2] 10.9 17.0 24.3 17.3 4.2 1.00 909  
## eval[12,2] 23.7 33.3 43.7 33.4 6.3 1.01 1140  
## eval[13,2] 20.3 29.4 40.0 29.6 6.2 1.00 1062  
## eval[14,2] 11.8 18.4 27.2 18.7 4.6 1.00 1025  
## eval[15,2] 16.4 23.7 33.3 24.1 5.1 1.00 946  
## eval[16,2] 1.9 4.1 8.5 4.5 2.1 1.00 960  
## eval[17,2] 1.8 4.1 8.2 4.4 1.9 1.01 941  
## eval[18,2] 2.4 5.0 9.7 5.3 2.2 1.01 956  
## eval[19,2] 4.8 8.5 14.5 8.9 3.0 1.00 1039  
## eval[20,2] 4.0 7.3 12.1 7.6 2.6 1.00 1022  
## eval[21,2] 2.0 4.4 8.5 4.7 2.1 1.00 1132  
## eval[22,2] 0.8 2.3 4.9 2.5 1.3 1.01 935  
## eval[23,2] 1.7 4.0 7.8 4.3 1.9 1.00 970  
## eval[24,2] 2.4 5.1 9.6 5.5 2.2 1.00 994  
## eval[25,2] 2.4 5.2 10.1 5.6 2.4 1.00 916  
## eval[26,2] 1.1 2.7 5.8 3.0 1.5 1.00 963  
## eval[27,2] 0.5 1.8 4.6 2.1 1.3 1.00 917  
## eval[28,2] 2.4 5.5 9.9 5.7 2.3 1.01 952  
## eval[29,2] 2.0 5.3 9.7 5.4 2.4 1.00 1041  
## eval[30,2] 0.9 2.6 5.8 2.8 1.5 1.00 935  
## eval[31,2] 35.4 47.6 62.4 48.1 8.5 1.00 1046  
## eval[32,2] 25.5 35.3 48.1 35.8 6.8 1.00 934  
## eval[33,2] 18.8 26.9 37.2 27.3 5.7 1.01 1079  
## eval[34,2] 0.0 0.0 0.5 0.1 0.2 1.00 942  
## eval[35,2] 0.0 0.0 0.5 0.1 0.2 1.00 864  
## eval[36,2] 0.0 0.0 0.5 0.1 0.2 1.00 971  
## eval[37,2] 10.4 15.9 23.1 16.2 4.0 1.00 1096  
## eval[38,2] 13.1 19.6 29.0 20.2 4.9 1.00 1085  
## eval[39,2] 17.8 26.3 37.2 26.8 6.0 1.00 1022  
## eval[40,2] 14.7 21.3 31.1 21.8 4.9 1.00 916  
## eval[41,2] 14.5 21.2 29.5 21.5 4.8 1.00 906  
## eval[42,2] 14.8 21.8 30.5 22.1 4.8 1.00 1063  
## eval[43,2] 7.6 12.3 19.3 12.7 3.5 1.00 961  
## eval[44,2] 8.2 13.3 20.7 13.8 3.9 1.00 989  
## eval[45,2] 7.7 13.4 20.5 13.6 3.8 1.00 895  
## eval[46,2] 13.4 19.8 28.7 20.2 4.8 1.00 982  
## eval[47,2] 6.2 10.8 16.9 11.0 3.2 1.00 976  
## eval[48,2] 6.5 11.1 17.6 11.4 3.4 1.00 958  
## eval[49,2] 2.8 5.7 10.6 6.1 2.5 1.00 1029  
## eval[50,2] 4.8 9.2 15.7 9.6 3.2 1.00 972  
## eval[51,2] 4.0 7.5 13.0 7.9 2.9 1.00 815  
## eval[52,2] 2.4 4.8 9.2 5.2 2.1 1.01 946  
## eval[53,2] 1.7 3.8 7.4 4.1 1.8 1.00 934  
## eval[54,2] 7.9 13.1 20.5 13.5 3.9 1.00 948  
## eval[55,2] 1.3 3.0 6.4 3.3 1.6 1.00 960  
## eval[56,2] 6.7 11.5 18.1 11.7 3.5 1.00 908  
## eval[57,2] 4.7 8.6 14.0 8.8 2.9 1.01 908  
## eval[58,2] 1.8 4.3 8.4 4.6 2.0 1.00 995  
## eval[59,2] 7.1 12.1 19.9 12.5 3.9 1.00 891  
## eval[60,2] 6.4 11.2 18.2 11.6 3.7 1.00 949  
## eval[61,2] 0.4 1.5 4.0 1.7 1.2 1.00 1047  
## eval[62,2] 0.3 1.2 3.3 1.4 1.0 1.00 902  
## eval[63,2] 0.4 1.7 4.4 2.0 1.3 1.00 1110  
## eval[64,2] 3.1 6.2 11.6 6.6 2.6 1.00 1066  
## eval[65,2] 8.4 13.9 21.7 14.3 4.1 1.00 1031  
## eval[66,2] 8.6 14.3 22.7 14.9 4.3 1.00 883  
## eval[67,2] 0.7 1.9 4.3 2.1 1.1 1.00 1042  
## eval[68,2] 0.3 1.0 2.7 1.2 0.8 1.01 838  
## eval[69,2] 1.9 4.3 8.6 4.6 2.1 1.00 937  
## eval[70,2] 0.5 1.6 3.7 1.8 1.1 1.01 853  
## eval[71,2] 0.6 1.8 4.5 2.0 1.2 1.00 964  
## eval[72,2] 0.7 2.0 4.9 2.3 1.3 1.00 876  
## eval[73,2] 1.0 2.6 6.1 3.0 1.6 1.00 998  
## eval[74,2] 0.6 1.6 4.2 1.9 1.2 1.00 929  
## eval[75,2] 1.0 2.6 5.9 2.9 1.6 1.00 810  
## eval[76,2] 0.0 0.1 0.9 0.2 0.4 1.00 992  
## eval[77,2] 0.0 0.1 0.9 0.2 0.3 1.00 1033  
## eval[78,2] 0.0 0.1 0.9 0.2 0.3 1.00 1059  
## eval[79,2] 4.7 8.5 14.6 9.0 3.1 1.00 954  
## eval[80,2] 8.3 13.7 20.9 14.0 3.9 1.01 942  
## eval[81,2] 7.6 12.4 19.3 12.8 3.6 1.00 920  
## eval[82,2] 7.6 12.1 19.6 12.7 3.7 1.00 898  
## eval[83,2] 3.0 6.0 11.4 6.5 2.6 1.00 1004  
## eval[84,2] 1.3 3.0 6.3 3.3 1.6 1.00 1068  
## eval[85,2] 4.0 7.5 13.0 7.8 2.8 1.00 906  
## eval[86,2] 5.1 9.5 16.4 10.0 3.4 1.01 1060  
## eval[87,2] 9.8 16.3 24.4 16.5 4.5 1.00 1089  
## eval[88,2] 16.0 24.6 34.7 24.7 5.8 1.00 916  
## eval[89,2] 0.7 2.1 5.1 2.4 1.5 1.00 1004  
## eval[90,2] 0.7 2.2 5.6 2.5 1.5 1.00 928  
## eval[91,2] 0.0 0.0 0.0 0.0 0.1 1.00 941  
## eval[92,2] 0.0 0.0 0.0 0.0 0.1 1.00 976  
## eval[93,2] 0.0 0.0 0.0 0.0 0.1 1.00 1061  
## eval[94,2] 0.0 0.0 0.0 0.0 0.0 1.00 914  
## eval[95,2] 0.0 0.0 0.0 0.0 0.1 1.00 1099  
## eval[96,2] 0.0 0.0 0.0 0.0 0.1 1.00 967  
## eval[97,2] 0.0 0.0 0.2 0.0 0.1 1.00 1051  
## eval[98,2] 0.0 0.0 0.0 0.0 0.1 1.00 982  
## eval[99,2] 0.0 0.0 0.0 0.0 0.1 1.00 992  
## eval[100,2] 0.0 0.0 0.0 0.0 0.1 1.00 1007  
## eval[101,2] 0.0 0.0 0.0 0.0 0.1 1.00 991  
## eval[102,2] 0.0 0.0 0.4 0.0 0.1 1.00 968  
## eval[103,2] 0.0 0.0 0.2 0.0 0.1 1.00 923  
## eval[104,2] 0.0 0.0 0.2 0.0 0.1 1.00 917  
## eval[105,2] 0.0 0.0 0.2 0.0 0.1 1.00 1067  
## eval[106,2] 0.0 0.0 0.3 0.0 0.1 0.99 936  
## eval[107,2] 0.0 0.0 0.2 0.0 0.1 1.00 998  
## eval[108,2] 0.0 0.0 0.3 0.0 0.1 1.00 957  
## eval[109,2] 0.0 0.0 0.5 0.1 0.2 1.00 978  
## eval[110,2] 0.0 0.0 0.3 0.0 0.1 1.00 1171  
## eval[111,2] 0.0 0.0 0.4 0.1 0.2 1.00 912  
## eval[112,2] 0.0 0.0 0.4 0.1 0.2 1.00 953  
## eval[113,2] 0.0 0.0 0.4 0.1 0.2 1.00 961  
## eval[114,2] 0.0 0.0 0.4 0.1 0.2 1.00 1045  
## eval[115,2] 0.0 0.0 0.7 0.1 0.3 1.00 1145  
## eval[116,2] 0.0 0.0 0.7 0.1 0.3 1.00 1026  
## eval[117,2] 0.0 0.0 0.6 0.1 0.2 1.00 1008  
## eval[118,2] 1.0 2.6 5.7 2.9 1.5 1.00 1017  
## eval[119,2] 1.0 2.6 5.7 2.9 1.5 1.00 1000  
## eval[120,2] 0.7 2.0 4.8 2.3 1.3 1.00 832  
## eval[121,2] 0.4 1.5 4.0 1.8 1.1 1.01 951  
## eval[122,2] 0.4 1.4 3.6 1.6 1.0 1.01 880  
## eval[123,2] 0.3 1.1 2.8 1.3 0.8 1.00 919  
## eval[124,2] 0.0 0.0 0.6 0.1 0.2 1.00 1060  
## eval[125,2] 0.0 0.0 0.7 0.2 0.3 1.00 904  
## eval[126,2] 0.0 0.0 0.6 0.1 0.2 1.01 1026  
## eval[127,2] 0.0 0.0 0.7 0.1 0.3 1.00 910  
## eval[128,2] 0.0 0.0 0.8 0.2 0.3 1.00 1142  
## eval[129,2] 0.0 0.0 0.7 0.2 0.3 1.00 1010  
## eval[130,2] 8.3 14.2 22.2 14.6 4.4 1.01 968  
## eval[131,2] 8.9 13.9 21.0 14.3 3.7 1.00 1086  
## eval[132,2] 5.3 9.0 15.7 9.5 3.2 1.00 1069  
## eval[133,2] 4.0 8.0 13.9 8.3 3.0 1.00 1129  
## eval[134,2] 4.1 8.0 13.3 8.3 2.9 1.00 1113  
## eval[135,2] 5.5 9.7 16.4 10.1 3.3 1.00 1107  
## eval[136,2] 20.4 29.6 40.1 29.9 6.0 1.01 984  
## eval[137,2] 19.9 28.3 39.1 28.8 5.9 1.00 961  
## eval[138,2] 20.8 28.6 39.3 29.1 5.5 1.00 906  
## eval[139,2] 2.0 4.3 8.4 4.6 2.0 1.00 958  
## eval[140,2] 6.0 10.3 16.7 10.9 3.5 1.00 1001  
## eval[141,2] 3.4 6.6 11.7 6.9 2.6 1.00 1073  
## eval[142,2] 2.0 4.4 9.5 4.9 2.3 1.00 992  
## eval[143,2] 4.7 8.7 14.4 9.0 3.0 1.00 960  
## eval[144,2] 2.8 5.6 10.0 5.9 2.2 1.01 864  
## eval[145,2] 0.0 0.0 0.8 0.2 0.3 1.00 802  
## eval[146,2] 0.0 0.0 0.8 0.2 0.3 1.00 1101  
## eval[147,2] 0.0 0.0 0.7 0.2 0.3 1.00 925  
## eval[148,2] 1.6 3.7 7.1 4.0 1.7 1.00 1030  
## eval[149,2] 1.1 2.8 5.9 3.0 1.5 1.00 1007  
## eval[150,2] 2.0 4.4 8.7 4.7 2.1 1.00 888  
## eval[151,2] 1.1 3.3 6.9 3.6 1.8 1.00 1014  
## eval[152,2] 0.8 2.3 5.0 2.5 1.4 1.00 1035  
## eval[153,2] 0.8 2.3 5.2 2.6 1.4 1.00 1002  
## eval[154,2] 6.8 11.8 19.2 12.1 3.8 1.00 1040  
## eval[155,2] 9.2 15.4 23.3 15.8 4.4 1.00 954  
## eval[156,2] 3.4 6.1 11.0 6.5 2.5 1.00 1056  
## eval[157,2] 6.8 11.5 18.2 12.0 3.5 1.00 982  
## eval[158,2] 12.1 18.1 26.9 18.6 4.6 1.00 978  
## eval[159,2] 8.0 13.8 21.6 14.1 4.0 1.00 795  
## eval[1,3] 0.0 0.0 0.2 0.0 0.1 1.00 978  
## eval[2,3] 0.0 0.0 0.3 0.0 0.1 1.01 1014  
## eval[3,3] 0.0 0.0 0.3 0.0 0.1 0.99 906  
## eval[4,3] 0.0 0.0 0.4 0.0 0.1 1.00 1073  
## eval[5,3] 0.0 0.0 0.3 0.0 0.1 1.00 1026  
## eval[6,3] 0.0 0.0 0.3 0.0 0.1 1.00 1157  
## eval[7,3] 40.1 52.3 66.2 52.5 7.8 1.00 1100  
## eval[8,3] 33.6 44.4 57.6 44.8 7.5 1.00 968  
## eval[9,3] 29.6 40.2 52.9 40.5 6.9 1.00 1013  
## eval[10,3] 8.0 12.9 20.0 13.4 3.7 1.00 963  
## eval[11,3] 8.1 13.1 20.0 13.4 3.6 1.00 991  
## eval[12,3] 9.9 15.6 22.7 15.9 4.0 1.01 1078  
## eval[13,3] 7.2 12.0 18.5 12.3 3.5 1.01 1058  
## eval[14,3] 5.6 9.5 15.3 9.8 2.9 1.00 884  
## eval[15,3] 7.5 11.7 18.7 12.2 3.4 1.01 926  
## eval[16,3] 1.3 3.1 6.6 3.4 1.7 1.00 1041  
## eval[17,3] 1.2 3.0 6.4 3.3 1.6 1.00 906  
## eval[18,3] 1.4 3.2 6.3 3.5 1.6 1.00 899  
## eval[19,3] 9.4 14.7 21.6 15.1 3.9 1.00 939  
## eval[20,3] 7.7 12.3 19.4 12.7 3.7 1.00 939  
## eval[21,3] 6.0 10.8 17.1 11.1 3.4 1.00 997  
## eval[22,3] 2.6 5.9 11.0 6.3 2.6 1.02 848  
## eval[23,3] 2.1 4.8 9.1 5.0 2.2 1.00 972  
## eval[24,3] 1.2 3.0 6.2 3.3 1.6 1.00 798  
## eval[25,3] 1.4 3.5 7.5 3.9 1.9 1.00 912  
## eval[26,3] 2.0 4.7 8.7 5.0 2.1 1.00 1025  
## eval[27,3] 1.6 4.2 8.4 4.5 2.1 1.00 911  
## eval[28,3] 2.6 6.2 11.2 6.4 2.6 1.00 1062  
## eval[29,3] 3.4 8.0 13.7 8.3 3.1 1.00 1025  
## eval[30,3] 1.0 2.6 5.8 2.9 1.5 1.00 926  
## eval[31,3] 12.7 19.0 27.7 19.4 4.6 1.01 1036  
## eval[32,3] 17.0 25.6 34.9 25.6 5.5 1.00 996  
## eval[33,3] 12.9 19.3 28.4 19.7 4.7 1.00 1002  
## eval[34,3] 0.0 0.0 0.6 0.1 0.2 1.00 943  
## eval[35,3] 0.0 0.0 0.5 0.1 0.2 1.00 881  
## eval[36,3] 0.0 0.0 0.5 0.1 0.2 1.00 892  
## eval[37,3] 10.5 16.1 23.8 16.5 4.1 1.00 897  
## eval[38,3] 9.8 15.5 22.8 15.7 4.1 1.00 1087  
## eval[39,3] 7.2 12.1 18.7 12.4 3.5 1.00 1009  
## eval[40,3] 4.7 8.4 13.6 8.6 2.8 1.01 1045  
## eval[41,3] 23.7 33.5 45.6 33.8 6.6 1.00 1018  
## eval[42,3] 35.1 46.9 60.5 47.2 7.8 1.00 964  
## eval[43,3] 10.4 15.8 24.0 16.3 4.2 1.00 901  
## eval[44,3] 9.9 15.8 23.9 16.2 4.3 1.00 885  
## eval[45,3] 8.4 13.4 20.5 13.9 3.8 1.01 862  
## eval[46,3] 12.7 19.0 27.6 19.5 4.6 1.00 1047  
## eval[47,3] 6.6 11.0 17.7 11.4 3.4 1.00 1002  
## eval[48,3] 9.7 15.6 23.1 15.9 4.1 1.00 1024  
## eval[49,3] 4.5 8.4 14.5 8.8 3.1 1.00 951  
## eval[50,3] 4.4 8.2 13.7 8.4 2.9 1.00 914  
## eval[51,3] 4.1 7.3 12.6 7.7 2.7 1.00 1140  
## eval[52,3] 6.0 10.8 17.2 11.1 3.4 1.00 933  
## eval[53,3] 1.5 3.5 7.2 3.8 1.7 1.00 981  
## eval[54,3] 2.4 4.9 9.3 5.3 2.2 1.00 999  
## eval[55,3] 2.2 4.9 9.3 5.2 2.2 1.00 962  
## eval[56,3] 2.2 4.5 8.2 4.7 1.8 1.00 948  
## eval[57,3] 5.3 9.5 15.6 9.8 3.1 1.00 1024  
## eval[58,3] 4.2 8.1 14.2 8.5 3.2 1.00 992  
## eval[59,3] 2.4 4.8 9.0 5.1 2.1 1.00 958  
## eval[60,3] 2.7 5.4 10.1 5.8 2.3 1.01 1025  
## eval[61,3] 0.1 0.6 2.1 0.8 0.6 1.00 1012  
## eval[62,3] 0.2 0.6 1.8 0.8 0.6 1.00 964  
## eval[63,3] 0.1 0.5 1.8 0.7 0.6 1.00 1026  
## eval[64,3] 7.6 12.7 20.6 13.2 4.0 1.00 1011  
## eval[65,3] 7.7 13.0 20.3 13.3 3.8 1.00 1013  
## eval[66,3] 8.1 14.4 22.2 14.7 4.4 1.00 988  
## eval[67,3] 0.9 2.4 5.3 2.7 1.4 1.00 1058  
## eval[68,3] 1.1 2.9 6.2 3.2 1.7 1.00 887  
## eval[69,3] 0.6 1.7 4.3 2.0 1.2 1.00 1100  
## eval[70,3] 0.3 0.8 2.3 1.0 0.7 1.01 942  
## eval[71,3] 0.3 1.1 2.9 1.3 0.8 1.00 862  
## eval[72,3] 0.9 2.6 5.9 2.9 1.6 1.01 1006  
## eval[73,3] 0.9 2.5 5.4 2.7 1.4 1.00 972  
## eval[74,3] 0.8 2.3 5.2 2.6 1.4 1.01 880  
## eval[75,3] 0.7 1.9 4.3 2.1 1.2 1.00 1009  
## eval[76,3] 0.0 0.1 1.2 0.3 0.4 1.00 994  
## eval[77,3] 0.0 0.1 1.0 0.3 0.4 1.00 954  
## eval[78,3] 0.0 0.2 1.0 0.3 0.4 1.00 1067  
## eval[79,3] 2.8 5.8 10.5 6.2 2.4 1.00 953  
## eval[80,3] 3.6 6.5 11.5 6.9 2.4 1.00 1082  
## eval[81,3] 10.1 16.0 24.4 16.5 4.4 1.00 1009  
## eval[82,3] 6.9 11.5 18.2 11.9 3.5 1.00 1041  
## eval[83,3] 5.1 9.3 15.7 9.7 3.3 1.00 930  
## eval[84,3] 2.4 5.1 9.9 5.5 2.3 1.00 1051  
## eval[85,3] 3.2 6.4 11.0 6.7 2.5 1.00 983  
## eval[86,3] 4.0 7.7 13.2 8.1 3.0 1.00 1071  
## eval[87,3] 5.3 9.3 14.8 9.7 3.0 1.00 908  
## eval[88,3] 6.0 10.0 16.1 10.3 3.1 1.00 900  
## eval[89,3] 1.9 4.6 9.2 4.9 2.3 1.00 958  
## eval[90,3] 1.7 4.1 9.2 4.6 2.3 1.00 991  
## eval[91,3] 0.0 0.0 0.0 0.0 0.1 1.00 913  
## eval[92,3] 0.0 0.0 0.0 0.0 0.1 1.00 938  
## eval[93,3] 0.0 0.0 0.0 0.0 0.0 1.00 1061  
## eval[94,3] 0.0 0.0 0.0 0.0 0.1 1.00 876  
## eval[95,3] 0.0 0.0 0.0 0.0 0.1 1.00 1094  
## eval[96,3] 0.0 0.0 0.0 0.0 0.1 1.00 1010  
## eval[97,3] 0.0 0.0 0.1 0.0 0.1 1.00 1062  
## eval[98,3] 0.0 0.0 0.0 0.0 0.1 1.00 983  
## eval[99,3] 0.0 0.0 0.0 0.0 0.1 1.00 981  
## eval[100,3] 0.0 0.0 0.0 0.0 0.2 1.00 1016  
## eval[101,3] 0.0 0.0 0.0 0.0 0.1 1.00 983  
## eval[102,3] 0.0 0.0 0.4 0.0 0.1 1.00 882  
## eval[103,3] 0.0 0.0 0.2 0.0 0.1 1.00 990  
## eval[104,3] 0.0 0.0 0.2 0.0 0.1 1.00 914  
## eval[105,3] 0.0 0.0 0.3 0.0 0.1 1.00 1073  
## eval[106,3] 0.0 0.0 0.3 0.0 0.1 0.99 930  
## eval[107,3] 0.0 0.0 0.3 0.0 0.1 1.00 992  
## eval[108,3] 0.0 0.0 0.3 0.0 0.1 1.00 1009  
## eval[109,3] 0.0 0.0 0.5 0.1 0.2 1.00 1011  
## eval[110,3] 0.0 0.0 0.3 0.0 0.1 1.00 1161  
## eval[111,3] 0.0 0.0 0.4 0.1 0.2 1.00 908  
## eval[112,3] 0.0 0.0 0.5 0.1 0.2 1.00 964  
## eval[113,3] 0.0 0.0 0.4 0.1 0.2 1.00 996  
## eval[114,3] 0.0 0.0 0.4 0.1 0.2 1.00 1051  
## eval[115,3] 0.0 0.0 0.8 0.1 0.3 1.00 1102  
## eval[116,3] 0.0 0.0 0.8 0.1 0.3 1.00 1072  
## eval[117,3] 0.0 0.0 0.6 0.1 0.3 1.00 978  
## eval[118,3] 6.9 12.1 19.7 12.5 4.0 1.00 896  
## eval[119,3] 10.0 16.8 25.6 17.2 4.9 1.00 932  
## eval[120,3] 4.9 8.7 14.5 9.0 3.0 1.01 1041  
## eval[121,3] 0.6 1.7 4.4 2.0 1.2 1.00 894  
## eval[122,3] 0.7 2.5 5.3 2.7 1.5 1.00 872  
## eval[123,3] 1.8 4.5 8.7 4.7 2.1 1.00 937  
## eval[124,3] 0.0 0.0 0.5 0.1 0.2 1.00 1039  
## eval[125,3] 0.0 0.0 0.6 0.1 0.3 1.00 1011  
## eval[126,3] 0.0 0.0 0.6 0.1 0.3 1.00 1070  
## eval[127,3] 0.0 0.0 0.7 0.1 0.3 1.00 897  
## eval[128,3] 0.0 0.0 0.7 0.2 0.3 1.00 1095  
## eval[129,3] 0.0 0.0 0.6 0.1 0.2 1.00 979  
## eval[130,3] 9.0 15.0 23.2 15.5 4.5 1.00 956  
## eval[131,3] 7.8 12.6 19.3 12.9 3.6 1.00 962  
## eval[132,3] 3.6 6.8 12.2 7.2 2.7 1.00 960  
## eval[133,3] 3.4 6.8 12.3 7.2 2.7 1.01 1209  
## eval[134,3] 3.6 6.9 12.1 7.3 2.7 1.00 959  
## eval[135,3] 2.3 5.0 9.1 5.3 2.2 1.00 906  
## eval[136,3] 7.8 12.5 19.0 12.8 3.4 1.00 995  
## eval[137,3] 19.2 27.6 37.8 28.0 5.8 1.00 1060  
## eval[138,3] 12.4 18.4 26.3 18.8 4.3 1.00 1020  
## eval[139,3] 8.8 14.8 22.6 15.2 4.3 1.00 987  
## eval[140,3] 7.0 11.7 19.1 12.1 3.7 1.00 905  
## eval[141,3] 6.5 11.7 18.6 12.1 3.8 1.00 970  
## eval[142,3] 1.3 3.2 7.3 3.6 2.0 1.00 1055  
## eval[143,3] 3.7 7.3 12.3 7.5 2.7 1.00 978  
## eval[144,3] 4.7 8.8 14.6 9.1 3.1 1.01 930  
## eval[145,3] 0.0 0.0 0.7 0.2 0.3 1.00 821  
## eval[146,3] 0.0 0.0 0.7 0.2 0.3 1.00 1045  
## eval[147,3] 0.0 0.0 0.7 0.2 0.3 1.00 870  
## eval[148,3] 2.9 6.1 11.4 6.5 2.6 1.01 828  
## eval[149,3] 4.4 8.6 14.2 8.8 3.1 1.00 1135  
## eval[150,3] 3.5 6.7 12.0 7.1 2.7 1.00 1031  
## eval[151,3] 0.8 2.4 5.4 2.6 1.4 1.00 1021  
## eval[152,3] 0.5 1.7 4.2 2.0 1.2 1.00 1028  
## eval[153,3] 1.1 2.8 6.4 3.1 1.6 1.01 934  
## eval[154,3] 5.7 10.4 16.9 10.7 3.5 1.00 959  
## eval[155,3] 7.4 12.5 19.7 12.9 3.8 1.00 1084  
## eval[156,3] 8.2 13.2 20.4 13.6 3.8 1.00 885  
## eval[157,3] 20.5 29.3 41.1 29.9 6.1 1.00 1070  
## eval[158,3] 15.3 22.2 31.9 22.8 5.2 1.00 968  
## eval[159,3] 6.5 11.2 18.2 11.6 3.6 1.00 926  
## eval[1,4] 0.0 0.0 0.2 0.0 0.1 1.00 994  
## eval[2,4] 0.0 0.0 0.2 0.0 0.1 1.00 991  
## eval[3,4] 0.0 0.0 0.2 0.0 0.1 1.00 988  
## eval[4,4] 0.0 0.0 0.3 0.0 0.1 1.00 1072  
## eval[5,4] 0.0 0.0 0.2 0.0 0.1 1.00 1148  
## eval[6,4] 0.0 0.0 0.3 0.0 0.1 1.00 1148  
## eval[7,4] 34.6 45.0 57.7 45.3 7.1 1.00 1074  
## eval[8,4] 21.2 29.4 39.1 29.8 5.8 1.00 959  
## eval[9,4] 38.0 49.4 64.8 50.1 8.2 1.00 994  
## eval[10,4] 2.4 5.0 9.2 5.3 2.1 1.00 902  
## eval[11,4] 2.9 5.7 10.6 6.1 2.4 1.00 949  
## eval[12,4] 3.3 6.5 11.2 6.8 2.5 1.00 1095  
## eval[13,4] 16.0 23.6 33.0 23.9 5.3 1.01 1044  
## eval[14,4] 11.6 17.5 25.5 17.9 4.4 1.00 987  
## eval[15,4] 9.2 14.7 22.0 15.1 4.0 1.00 990  
## eval[16,4] 3.1 6.6 11.6 6.9 2.7 1.00 1025  
## eval[17,4] 1.5 3.3 7.0 3.6 1.7 1.00 1065  
## eval[18,4] 1.0 2.4 5.6 2.7 1.4 1.01 866  
## eval[19,4] 12.3 18.3 27.5 18.9 4.6 1.00 932  
## eval[20,4] 12.1 18.6 27.3 18.9 4.6 1.00 907  
## eval[21,4] 9.3 15.5 23.3 15.8 4.3 1.00 949  
## eval[22,4] 1.6 3.9 7.6 4.2 1.9 1.01 672  
## eval[23,4] 1.4 3.1 6.5 3.4 1.6 1.01 965  
## eval[24,4] 3.3 6.7 11.3 7.0 2.5 1.00 1053  
## eval[25,4] 2.4 5.8 10.6 6.0 2.5 1.00 1023  
## eval[26,4] 0.9 2.5 5.2 2.7 1.4 1.00 1096  
## eval[27,4] 0.8 2.6 5.6 2.8 1.5 1.00 977  
## eval[28,4] 3.7 7.4 12.8 7.7 2.9 1.00 973  
## eval[29,4] 1.7 4.4 8.5 4.6 2.1 1.00 993  
## eval[30,4] 2.6 5.7 10.9 6.1 2.6 1.00 971  
## eval[31,4] 18.2 27.5 39.2 28.0 6.2 1.00 1040  
## eval[32,4] 10.9 17.1 25.6 17.6 4.6 1.00 983  
## eval[33,4] 9.7 15.4 23.1 15.7 4.1 1.00 985  
## eval[34,4] 0.0 0.0 0.5 0.1 0.2 1.00 931  
## eval[35,4] 0.0 0.0 0.5 0.1 0.2 1.00 898  
## eval[36,4] 0.0 0.0 0.5 0.1 0.2 1.00 911  
## eval[37,4] 18.2 25.5 35.3 26.0 5.3 1.00 927  
## eval[38,4] 13.6 20.4 29.3 20.7 5.0 1.01 951  
## eval[39,4] 9.6 15.0 22.7 15.3 4.0 1.00 856  
## eval[40,4] 10.5 16.3 24.9 16.8 4.4 1.00 849  
## eval[41,4] 25.5 35.1 46.8 35.4 6.6 1.00 1136  
## eval[42,4] 32.0 42.5 57.1 43.1 7.4 1.00 1028  
## eval[43,4] 6.6 11.2 18.0 11.5 3.4 1.00 964  
## eval[44,4] 8.6 14.2 21.5 14.5 3.8 1.00 1020  
## eval[45,4] 12.4 18.9 27.6 19.4 4.7 1.00 957  
## eval[46,4] 11.2 17.5 25.7 17.8 4.4 1.00 930  
## eval[47,4] 9.1 14.6 21.6 14.9 3.9 1.00 825  
## eval[48,4] 11.7 18.7 27.9 19.3 4.8 1.00 958  
## eval[49,4] 7.0 12.4 19.8 12.8 3.9 1.01 1016  
## eval[50,4] 7.3 12.6 20.1 13.0 3.9 1.00 989  
## eval[51,4] 3.8 7.3 12.5 7.6 2.7 1.00 896  
## eval[52,4] 0.9 2.2 4.8 2.4 1.3 1.00 853  
## eval[53,4] 3.1 5.9 10.8 6.3 2.4 1.00 941  
## eval[54,4] 1.9 4.4 8.4 4.7 2.1 1.00 871  
## eval[55,4] 2.3 5.1 9.6 5.5 2.4 1.00 945  
## eval[56,4] 3.6 6.6 12.1 7.0 2.6 1.00 939  
## eval[57,4] 2.8 5.5 9.6 5.7 2.2 1.01 1077  
## eval[58,4] 3.3 6.4 11.6 6.9 2.6 1.00 1004  
## eval[59,4] 2.3 4.8 9.2 5.2 2.2 1.00 1018  
## eval[60,4] 3.3 6.2 11.2 6.6 2.5 1.00 902  
## eval[61,4] 0.2 0.6 2.0 0.8 0.7 1.00 1009  
## eval[62,4] 0.1 0.7 2.0 0.8 0.7 1.00 947  
## eval[63,4] 0.1 0.6 1.8 0.7 0.6 1.00 1071  
## eval[64,4] 5.8 10.9 17.9 11.2 3.7 1.00 916  
## eval[65,4] 8.8 14.7 22.3 15.0 4.1 1.00 1095  
## eval[66,4] 6.3 11.1 17.7 11.5 3.5 1.00 951  
## eval[67,4] 1.4 3.4 7.1 3.7 1.8 1.01 909  
## eval[68,4] 1.1 2.7 6.0 3.1 1.6 1.00 968  
## eval[69,4] 0.5 1.6 3.9 1.8 1.1 1.00 942  
## eval[70,4] 0.6 1.8 4.4 2.0 1.2 1.01 862  
## eval[71,4] 0.5 1.7 4.0 1.9 1.2 1.00 972  
## eval[72,4] 0.3 1.0 2.9 1.3 0.8 1.00 1095  
## eval[73,4] 0.6 1.8 4.3 2.0 1.1 1.00 1126  
## eval[74,4] 0.8 2.2 4.8 2.4 1.3 1.01 1041  
## eval[75,4] 1.2 3.3 7.1 3.6 1.8 1.00 967  
## eval[76,4] 0.0 0.1 1.0 0.2 0.4 1.00 1003  
## eval[77,4] 0.0 0.1 0.9 0.2 0.3 1.00 949  
## eval[78,4] 0.0 0.1 0.9 0.2 0.3 1.00 1021  
## eval[79,4] 5.3 9.7 15.7 10.0 3.2 1.00 927  
## eval[80,4] 7.2 12.3 19.0 12.6 3.7 1.00 975  
## eval[81,4] 14.9 22.8 33.3 23.3 5.5 1.00 885  
## eval[82,4] 10.4 16.8 24.6 17.1 4.4 1.00 1085  
## eval[83,4] 3.8 7.4 13.1 7.8 2.9 1.00 1014  
## eval[84,4] 2.2 4.9 9.4 5.2 2.2 1.00 915  
## eval[85,4] 3.2 6.4 11.4 6.7 2.5 1.00 942  
## eval[86,4] 3.5 7.0 12.3 7.3 2.7 1.00 995  
## eval[87,4] 5.6 9.6 15.6 10.0 3.1 1.00 960  
## eval[88,4] 5.3 9.4 15.2 9.8 3.0 1.00 1046  
## eval[89,4] 1.9 4.7 10.1 5.1 2.5 1.00 978  
## eval[90,4] 1.8 4.6 9.8 5.0 2.4 1.00 1030  
## eval[91,4] 0.0 0.0 0.0 0.0 0.1 1.00 929  
## eval[92,4] 0.0 0.0 0.0 0.0 0.1 1.00 955  
## eval[93,4] 0.0 0.0 0.0 0.0 0.1 1.00 1061  
## eval[94,4] 0.0 0.0 0.0 0.0 0.1 1.00 904  
## eval[95,4] 0.0 0.0 0.0 0.0 0.1 1.00 1101  
## eval[96,4] 0.0 0.0 0.0 0.0 0.1 1.00 991  
## eval[97,4] 0.0 0.0 0.2 0.0 0.1 1.00 1053  
## eval[98,4] 0.0 0.0 0.0 0.0 0.1 1.00 974  
## eval[99,4] 0.0 0.0 0.0 0.0 0.1 1.00 995  
## eval[100,4] 0.0 0.0 0.0 0.0 0.2 1.00 1005  
## eval[101,4] 0.0 0.0 0.0 0.0 0.1 1.00 1006  
## eval[102,4] 0.0 0.0 0.4 0.0 0.2 1.00 913  
## eval[103,4] 0.0 0.0 0.2 0.0 0.1 1.00 971  
## eval[104,4] 0.0 0.0 0.2 0.0 0.1 1.00 908  
## eval[105,4] 0.0 0.0 0.2 0.0 0.1 1.00 1064  
## eval[106,4] 0.0 0.0 0.3 0.0 0.1 0.99 939  
## eval[107,4] 0.0 0.0 0.3 0.0 0.1 1.00 995  
## eval[108,4] 0.0 0.0 0.3 0.0 0.1 1.00 981  
## eval[109,4] 0.0 0.0 0.5 0.1 0.2 1.00 1000  
## eval[110,4] 0.0 0.0 0.4 0.0 0.1 1.00 1186  
## eval[111,4] 0.0 0.0 0.4 0.1 0.2 1.00 885  
## eval[112,4] 0.0 0.0 0.4 0.1 0.2 1.00 951  
## eval[113,4] 0.0 0.0 0.4 0.1 0.2 1.00 912  
## eval[114,4] 0.0 0.0 0.4 0.1 0.2 1.00 1011  
## eval[115,4] 0.0 0.0 0.8 0.1 0.3 1.00 1135  
## eval[116,4] 0.0 0.0 0.8 0.1 0.3 1.00 1077  
## eval[117,4] 0.0 0.0 0.6 0.1 0.2 1.00 1027  
## eval[118,4] 4.3 8.0 13.9 8.3 2.9 1.00 895  
## eval[119,4] 3.4 6.8 11.8 7.1 2.6 1.00 1110  
## eval[120,4] 9.7 15.8 23.8 16.1 4.3 1.00 1017  
## eval[121,4] 0.5 1.5 3.9 1.8 1.1 1.01 849  
## eval[122,4] 0.2 0.8 2.3 1.0 0.7 1.00 1091  
## eval[123,4] 0.2 0.8 2.1 1.0 0.6 1.00 1087  
## eval[124,4] 0.0 0.0 0.5 0.1 0.2 1.00 1021  
## eval[125,4] 0.0 0.0 0.7 0.2 0.3 1.00 993  
## eval[126,4] 0.0 0.0 0.6 0.1 0.2 1.00 984  
## eval[127,4] 0.0 0.0 0.8 0.2 0.3 1.00 939  
## eval[128,4] 0.0 0.0 0.9 0.2 0.4 1.00 1120  
## eval[129,4] 0.0 0.0 0.8 0.2 0.3 1.00 1019  
## eval[130,4] 11.4 18.6 27.8 19.0 5.1 1.01 962  
## eval[131,4] 19.1 27.7 38.1 28.0 5.8 1.01 1147  
## eval[132,4] 8.7 13.9 21.0 14.2 3.8 1.00 1054  
## eval[133,4] 3.2 6.8 12.2 7.2 2.8 1.00 1006  
## eval[134,4] 4.3 8.1 13.7 8.5 3.0 1.00 1156  
## eval[135,4] 3.6 6.9 12.6 7.2 2.8 1.01 981  
## eval[136,4] 19.5 26.8 35.9 27.3 5.2 1.00 998  
## eval[137,4] 24.2 33.0 44.4 33.3 6.2 1.00 1046  
## eval[138,4] 36.5 48.5 62.3 48.9 7.8 1.00 977  
## eval[139,4] 3.2 6.5 11.3 6.8 2.5 1.00 1045  
## eval[140,4] 4.0 7.8 13.8 8.2 3.0 1.00 952  
## eval[141,4] 2.0 4.7 8.9 5.0 2.2 1.00 1118  
## eval[142,4] 1.4 3.4 7.7 3.8 2.0 1.00 979  
## eval[143,4] 1.5 3.4 6.9 3.7 1.7 1.00 961  
## eval[144,4] 4.0 7.7 13.0 8.0 2.8 1.01 1033  
## eval[145,4] 0.0 0.0 0.7 0.2 0.3 1.00 800  
## eval[146,4] 0.0 0.0 0.7 0.2 0.3 1.00 1056  
## eval[147,4] 0.0 0.0 0.6 0.1 0.2 1.00 899  
## eval[148,4] 3.2 6.9 12.4 7.2 2.8 1.00 909  
## eval[149,4] 2.3 5.0 9.7 5.4 2.4 1.00 1104  
## eval[150,4] 4.4 8.3 14.7 8.7 3.2 1.00 902  
## eval[151,4] 0.9 2.8 6.0 3.1 1.6 1.00 1050  
## eval[152,4] 0.4 1.2 3.3 1.5 1.0 1.01 1006  
## eval[153,4] 0.6 1.8 4.4 2.1 1.2 1.00 966  
## eval[154,4] 5.0 9.1 15.5 9.5 3.3 1.00 934  
## eval[155,4] 9.7 16.1 24.9 16.4 4.7 1.00 1000  
## eval[156,4] 7.2 12.0 19.2 12.4 3.6 1.00 977  
## eval[157,4] 13.1 19.6 28.3 20.1 4.8 1.01 901  
## eval[158,4] 16.2 24.4 34.5 24.8 5.6 1.00 986  
## eval[159,4] 6.2 10.6 17.5 11.1 3.5 1.00 842  
## eval[1,5] 0.0 0.0 0.2 0.0 0.1 1.00 1012  
## eval[2,5] 0.0 0.0 0.3 0.0 0.1 1.00 1035  
## eval[3,5] 0.0 0.0 0.3 0.0 0.1 1.00 897  
## eval[4,5] 0.0 0.0 0.4 0.0 0.2 1.00 1071  
## eval[5,5] 0.0 0.0 0.3 0.0 0.1 1.00 1105  
## eval[6,5] 0.0 0.0 0.3 0.0 0.1 1.00 1099  
## eval[7,5] 45.8 58.8 74.3 59.3 8.8 1.00 1071  
## eval[8,5] 46.5 59.3 74.9 59.7 8.6 1.00 1031  
## eval[9,5] 39.8 51.5 65.7 51.9 8.0 1.00 834  
## eval[10,5] 15.7 23.5 32.7 23.6 5.2 1.00 1028  
## eval[11,5] 12.6 19.6 28.1 19.9 4.6 1.00 978  
## eval[12,5] 27.8 37.9 49.8 38.2 6.8 1.00 943  
## eval[13,5] 9.7 15.0 22.8 15.5 4.1 1.00 998  
## eval[14,5] 12.7 19.5 28.1 19.8 4.6 1.00 938  
## eval[15,5] 16.2 23.6 33.8 24.1 5.5 1.00 883  
## eval[16,5] 2.4 5.2 9.3 5.4 2.3 1.00 1084  
## eval[17,5] 3.7 7.3 13.0 7.7 2.8 1.00 1025  
## eval[18,5] 6.1 10.6 17.4 11.0 3.6 1.00 954  
## eval[19,5] 8.5 14.2 21.2 14.5 4.1 1.00 940  
## eval[20,5] 9.2 14.6 23.4 15.3 4.3 1.00 869  
## eval[21,5] 8.8 15.3 22.9 15.6 4.5 1.00 1005  
## eval[22,5] 2.4 5.4 10.3 5.8 2.4 1.02 730  
## eval[23,5] 2.5 5.6 9.8 5.8 2.3 1.00 1003  
## eval[24,5] 2.5 5.6 9.9 5.8 2.3 1.00 891  
## eval[25,5] 3.1 6.3 11.3 6.7 2.6 1.01 978  
## eval[26,5] 2.3 5.3 9.7 5.5 2.2 1.00 842  
## eval[27,5] 1.6 4.2 8.1 4.4 2.0 1.00 920  
## eval[28,5] 3.3 7.4 13.2 7.7 2.9 1.00 965  
## eval[29,5] 2.9 6.5 11.5 6.8 2.6 1.00 1034  
## eval[30,5] 2.6 5.6 10.8 5.9 2.5 1.00 986  
## eval[31,5] 25.8 35.9 48.4 36.5 7.1 1.00 1048  
## eval[32,5] 34.2 46.2 60.9 46.7 8.1 1.00 953  
## eval[33,5] 17.3 25.4 35.1 25.7 5.5 1.00 878  
## eval[34,5] 0.0 0.0 0.6 0.1 0.2 1.00 956  
## eval[35,5] 0.0 0.0 0.6 0.1 0.2 1.00 957  
## eval[36,5] 0.0 0.0 0.5 0.1 0.2 1.00 928  
## eval[37,5] 12.7 19.0 27.7 19.4 4.6 1.01 1066  
## eval[38,5] 13.8 21.0 29.9 21.3 5.0 1.00 956  
## eval[39,5] 16.7 24.3 35.3 25.1 5.7 1.01 1044  
## eval[40,5] 16.5 24.0 33.3 24.4 5.2 1.01 799  
## eval[41,5] 32.4 43.5 57.6 43.8 7.9 1.00 1092  
## eval[42,5] 27.4 36.9 48.6 37.2 6.5 1.00 922  
## eval[43,5] 13.3 20.3 29.2 20.7 4.9 1.00 924  
## eval[44,5] 15.3 22.5 32.6 23.1 5.3 1.00 955  
## eval[45,5] 14.8 22.7 31.9 23.1 5.2 1.00 1027  
## eval[46,5] 20.8 28.8 40.2 29.5 6.1 1.00 963  
## eval[47,5] 11.0 16.6 24.5 16.9 4.1 1.00 901  
## eval[48,5] 12.1 19.0 28.5 19.6 4.9 1.00 947  
## eval[49,5] 6.2 11.0 18.3 11.4 3.7 1.00 971  
## eval[50,5] 7.9 13.6 21.3 13.9 4.1 1.00 837  
## eval[51,5] 6.9 12.3 20.1 12.8 3.9 1.00 1059  
## eval[52,5] 4.0 7.4 13.2 7.9 2.8 1.00 850  
## eval[53,5] 1.6 3.5 7.1 3.8 1.7 1.00 967  
## eval[54,5] 3.8 7.1 12.3 7.5 2.7 1.00 920  
## eval[55,5] 3.6 7.2 12.8 7.6 2.8 1.00 942  
## eval[56,5] 8.0 13.6 20.5 13.8 3.9 1.00 958  
## eval[57,5] 3.4 6.7 11.9 7.1 2.6 1.01 891  
## eval[58,5] 4.3 8.3 14.9 8.8 3.3 1.00 990  
## eval[59,5] 2.6 5.2 9.3 5.5 2.1 1.00 1000  
## eval[60,5] 2.6 5.3 9.7 5.6 2.2 1.00 790  
## eval[61,5] 0.2 0.9 2.9 1.2 0.9 1.01 988  
## eval[62,5] 0.2 0.7 2.3 0.9 0.7 1.00 970  
## eval[63,5] 0.1 0.6 1.9 0.8 0.6 1.00 1003  
## eval[64,5] 5.6 10.7 17.3 10.9 3.6 1.00 1004  
## eval[65,5] 3.9 7.4 12.7 7.7 2.7 1.00 945  
## eval[66,5] 1.7 3.9 7.8 4.2 2.0 1.00 937  
## eval[67,5] 1.0 2.4 5.5 2.7 1.4 1.00 992  
## eval[68,5] 1.2 3.0 6.3 3.2 1.6 1.00 925  
## eval[69,5] 0.5 1.8 4.2 2.0 1.2 1.00 964  
## eval[70,5] 1.2 3.2 6.6 3.5 1.7 1.00 873  
## eval[71,5] 1.0 2.7 6.3 3.1 1.6 1.00 985  
## eval[72,5] 1.0 2.7 6.0 3.0 1.6 1.00 1031  
## eval[73,5] 0.7 2.0 4.5 2.2 1.2 1.01 967  
## eval[74,5] 0.9 2.4 5.1 2.6 1.3 1.00 1005  
## eval[75,5] 0.5 1.5 3.7 1.7 1.0 1.01 808  
## eval[76,5] 0.0 0.1 1.1 0.3 0.4 1.00 949  
## eval[77,5] 0.0 0.3 1.5 0.4 0.6 1.00 985  
## eval[78,5] 0.0 0.1 1.0 0.3 0.3 1.00 968  
## eval[79,5] 4.8 8.9 14.7 9.3 3.1 1.00 1101  
## eval[80,5] 9.4 14.3 22.6 15.1 4.2 1.00 870  
## eval[81,5] 6.0 10.5 16.6 10.9 3.4 1.00 895  
## eval[82,5] 6.4 10.9 17.3 11.3 3.4 1.00 951  
## eval[83,5] 3.1 6.6 11.6 6.9 2.6 1.01 976  
## eval[84,5] 3.3 6.8 12.5 7.2 2.8 1.00 923  
## eval[85,5] 5.4 9.9 16.4 10.3 3.4 1.00 963  
## eval[86,5] 2.6 5.2 9.9 5.5 2.3 1.00 934  
## eval[87,5] 6.9 11.4 17.9 11.8 3.4 1.01 933  
## eval[88,5] 15.5 23.1 32.5 23.3 5.3 1.00 970  
## eval[89,5] 1.3 3.5 7.9 3.8 2.0 1.00 981  
## eval[90,5] 0.8 2.3 5.6 2.6 1.5 1.00 937  
## eval[91,5] 0.0 0.0 0.0 0.0 0.1 1.00 925  
## eval[92,5] 0.0 0.0 0.0 0.0 0.1 1.00 961  
## eval[93,5] 0.0 0.0 0.0 0.0 0.1 1.00 1061  
## eval[94,5] 0.0 0.0 0.0 0.0 0.1 1.00 895  
## eval[95,5] 0.0 0.0 0.0 0.0 0.1 1.00 1104  
## eval[96,5] 0.0 0.0 0.0 0.0 0.1 1.00 983  
## eval[97,5] 0.0 0.0 0.1 0.0 0.1 1.00 1059  
## eval[98,5] 0.0 0.0 0.0 0.0 0.1 1.00 987  
## eval[99,5] 0.0 0.0 0.0 0.0 0.1 1.00 965  
## eval[100,5] 0.0 0.0 0.0 0.0 0.2 1.00 1027  
## eval[101,5] 0.0 0.0 0.0 0.0 0.1 1.00 988  
## eval[102,5] 0.0 0.0 0.3 0.0 0.1 1.00 960  
## eval[103,5] 0.0 0.0 0.2 0.0 0.1 1.00 852  
## eval[104,5] 0.0 0.0 0.2 0.0 0.1 1.00 930  
## eval[105,5] 0.0 0.0 0.2 0.0 0.1 1.00 1068  
## eval[106,5] 0.0 0.0 0.3 0.0 0.1 0.99 934  
## eval[107,5] 0.0 0.0 0.2 0.0 0.1 1.00 1003  
## eval[108,5] 0.0 0.0 0.3 0.0 0.1 1.00 956  
## eval[109,5] 0.0 0.0 0.5 0.1 0.2 1.00 1006  
## eval[110,5] 0.0 0.0 0.4 0.1 0.2 1.00 1148  
## eval[111,5] 0.0 0.0 0.4 0.1 0.2 1.00 893  
## eval[112,5] 0.0 0.0 0.4 0.1 0.2 1.00 988  
## eval[113,5] 0.0 0.0 0.4 0.1 0.2 1.00 964  
## eval[114,5] 0.0 0.0 0.4 0.1 0.2 1.00 1049  
## eval[115,5] 0.0 0.0 0.7 0.1 0.3 1.00 1167  
## eval[116,5] 0.0 0.0 0.7 0.1 0.3 1.00 1040  
## eval[117,5] 0.0 0.0 0.6 0.1 0.2 1.00 988  
## eval[118,5] 3.0 6.1 11.3 6.5 2.6 1.00 893  
## eval[119,5] 2.3 5.1 9.5 5.4 2.2 1.01 910  
## eval[120,5] 6.0 10.6 17.0 10.8 3.4 1.01 1027  
## eval[121,5] 0.7 2.1 5.1 2.4 1.4 1.00 893  
## eval[122,5] 0.2 0.8 2.4 1.0 0.7 1.00 773  
## eval[123,5] 0.6 1.8 4.3 2.0 1.2 1.00 956  
## eval[124,5] 0.0 0.0 0.6 0.1 0.3 1.00 1055  
## eval[125,5] 0.0 0.0 0.7 0.1 0.3 1.00 908  
## eval[126,5] 0.0 0.0 0.6 0.1 0.2 1.01 1019  
## eval[127,5] 0.0 0.0 0.7 0.1 0.3 1.00 950  
## eval[128,5] 0.0 0.0 0.8 0.2 0.3 1.00 1067  
## eval[129,5] 0.0 0.0 0.7 0.2 0.3 1.00 937  
## eval[130,5] 9.0 15.3 22.5 15.3 4.2 1.00 1018  
## eval[131,5] 12.2 19.5 27.8 19.6 4.8 1.00 962  
## eval[132,5] 7.2 12.1 18.9 12.4 3.7 1.01 865  
## eval[133,5] 1.4 3.5 7.0 3.7 1.8 1.00 1045  
## eval[134,5] 3.0 6.1 10.9 6.5 2.5 1.00 1053  
## eval[135,5] 4.5 8.3 14.3 8.7 3.1 1.00 1012  
## eval[136,5] 12.0 18.3 26.6 18.7 4.6 1.00 889  
## eval[137,5] 20.9 29.4 39.2 29.6 5.8 1.00 1103  
## eval[138,5] 24.8 34.5 46.8 35.0 6.7 1.00 1099  
## eval[139,5] 2.3 4.8 8.8 5.1 2.1 1.00 976  
## eval[140,5] 1.1 2.8 5.8 3.0 1.4 1.00 965  
## eval[141,5] 2.4 5.2 10.0 5.6 2.4 1.00 902  
## eval[142,5] 1.5 3.7 8.0 4.1 2.0 1.00 1066  
## eval[143,5] 4.7 8.6 14.3 8.9 3.0 1.01 973  
## eval[144,5] 6.8 11.7 18.9 12.1 3.8 1.01 950  
## eval[145,5] 0.0 0.0 0.7 0.1 0.3 1.00 758  
## eval[146,5] 0.0 0.0 0.6 0.1 0.3 1.00 1040  
## eval[147,5] 0.0 0.0 0.5 0.1 0.2 1.00 875  
## eval[148,5] 5.1 10.1 17.1 10.5 3.7 1.00 970  
## eval[149,5] 4.1 8.5 14.7 8.7 3.2 1.00 1069  
## eval[150,5] 4.4 8.2 14.3 8.6 3.1 1.00 881  
## eval[151,5] 0.8 2.3 5.6 2.6 1.5 1.00 1057  
## eval[152,5] 1.6 4.1 8.4 4.4 2.1 1.00 1017  
## eval[153,5] 1.2 3.2 7.1 3.5 1.8 1.00 944  
## eval[154,5] 11.2 18.0 27.2 18.4 5.0 1.00 1106  
## eval[155,5] 11.1 17.6 26.2 18.0 4.8 1.00 1030  
## eval[156,5] 7.2 12.1 18.7 12.5 3.7 1.00 934  
## eval[157,5] 10.1 15.7 23.8 16.3 4.2 1.01 836  
## eval[158,5] 16.3 24.1 34.3 24.4 5.4 1.00 919  
## eval[159,5] 12.4 19.6 28.6 19.8 5.0 1.00 974  
## y\_new[1,1] 0.0 0.0 0.0 0.0 0.1 1.00 1064  
## y\_new[2,1] 0.0 0.0 0.0 0.0 0.2 1.00 860  
## y\_new[3,1] 0.0 0.0 0.0 0.0 0.2 1.00 755  
## y\_new[4,1] 0.0 0.0 0.0 0.0 0.2 1.00 1020  
## y\_new[5,1] 0.0 0.0 0.0 0.0 0.2 1.00 980  
## y\_new[6,1] 0.0 0.0 0.0 0.0 0.2 1.00 1097  
## y\_new[7,1] 12.0 21.0 33.0 21.3 6.4 1.00 1036  
## y\_new[8,1] 16.0 28.0 42.0 28.3 7.7 1.00 1020  
## y\_new[9,1] 12.0 21.0 32.0 21.5 6.2 1.00 1112  
## y\_new[10,1] 28.0 42.0 58.0 42.0 8.9 1.00 1004  
## y\_new[11,1] 16.0 27.0 40.0 27.2 7.4 1.00 1006  
## y\_new[12,1] 14.0 24.0 37.0 25.0 7.1 1.00 1057  
## y\_new[13,1] 8.0 15.0 25.0 15.2 5.3 1.00 1051  
## y\_new[14,1] 10.0 19.0 29.0 19.1 6.0 1.00 1023  
## y\_new[15,1] 9.0 17.0 28.0 17.7 5.8 1.00 964  
## y\_new[16,1] 0.0 2.0 6.0 2.6 1.9 1.00 1048  
## y\_new[17,1] 0.0 2.0 5.0 1.9 1.7 1.00 882  
## y\_new[18,1] 1.0 5.0 10.0 5.2 2.9 1.01 1042  
## y\_new[19,1] 8.0 15.5 26.0 16.0 5.4 1.00 986  
## y\_new[20,1] 3.0 7.0 15.0 8.0 3.8 1.00 1044  
## y\_new[21,1] 1.0 3.0 8.0 3.8 2.4 1.00 1244  
## y\_new[22,1] 1.0 4.0 8.0 3.9 2.4 1.01 864  
## y\_new[23,1] 1.0 5.0 11.0 5.5 2.9 1.00 882  
## y\_new[24,1] 1.0 3.0 8.0 3.6 2.3 1.00 1042  
## y\_new[25,1] 1.0 4.0 9.0 4.1 2.5 1.00 1003  
## y\_new[26,1] 0.0 2.0 5.0 1.9 1.6 1.00 1085  
## y\_new[27,1] 0.0 2.0 6.0 2.3 1.8 1.01 926  
## y\_new[28,1] 2.0 6.0 11.0 6.3 3.0 1.00 1107  
## y\_new[29,1] 1.0 4.0 10.0 4.8 2.7 1.00 1072  
## y\_new[30,1] 0.0 3.0 8.0 3.4 2.5 1.00 973  
## y\_new[31,1] 7.0 14.0 24.0 14.7 5.1 1.00 1199  
## y\_new[32,1] 8.0 16.0 25.0 16.0 5.2 1.00 981  
## y\_new[33,1] 6.0 13.0 22.0 13.2 5.1 1.00 1038  
## y\_new[34,1] 0.0 0.0 1.0 0.1 0.2 1.00 903  
## y\_new[35,1] 0.0 0.0 1.0 0.1 0.3 1.00 1120  
## y\_new[36,1] 0.0 0.0 1.0 0.1 0.3 0.99 1060  
## y\_new[37,1] 2.0 6.0 12.0 6.0 3.1 1.01 1023  
## y\_new[38,1] 2.0 6.0 12.0 6.2 3.3 1.00 1071  
## y\_new[39,1] 4.0 9.0 18.0 9.8 4.3 1.00 1086  
## y\_new[40,1] 4.0 10.0 19.0 10.4 4.6 1.00 913  
## y\_new[41,1] 11.0 20.0 33.0 21.0 6.5 1.00 979  
## y\_new[42,1] 1.0 5.0 11.0 5.3 3.0 1.00 905  
## y\_new[43,1] 3.0 8.0 16.0 8.9 4.0 1.01 943  
## y\_new[44,1] 7.0 15.0 24.0 15.6 5.2 1.00 1025  
## y\_new[45,1] 1.0 5.0 11.0 5.4 3.0 1.00 954  
## y\_new[46,1] 2.0 6.0 13.0 6.7 3.4 1.00 949  
## y\_new[47,1] 2.0 7.0 15.0 7.9 3.8 1.00 983  
## y\_new[48,1] 4.0 10.0 18.0 10.7 4.4 1.00 1075  
## y\_new[49,1] 3.0 7.0 14.0 7.8 3.6 1.01 1011  
## y\_new[50,1] 1.0 5.0 11.0 5.2 2.9 1.00 1019  
## y\_new[51,1] 2.0 6.0 12.0 6.1 3.1 1.00 1009  
## y\_new[52,1] 0.0 2.0 5.0 1.9 1.7 1.00 960  
## y\_new[53,1] 0.0 2.0 6.0 2.2 1.8 1.00 871  
## y\_new[54,1] 0.0 3.0 8.0 3.3 2.4 1.00 957  
## y\_new[55,1] 0.0 2.0 7.0 2.7 2.1 1.01 880  
## y\_new[56,1] 0.0 3.0 7.0 3.0 2.2 1.00 953  
## y\_new[57,1] 1.0 4.0 10.0 4.5 2.7 1.00 930  
## y\_new[58,1] 1.0 4.0 9.0 4.2 2.7 1.00 1086  
## y\_new[59,1] 0.0 3.0 8.0 3.5 2.4 1.00 1048  
## y\_new[60,1] 1.0 4.0 9.0 4.0 2.6 1.00 1147  
## y\_new[61,1] 0.0 1.0 3.0 1.0 1.2 1.00 977  
## y\_new[62,1] 0.0 1.0 3.0 1.0 1.2 1.00 1014  
## y\_new[63,1] 0.0 0.0 2.0 0.6 0.8 1.00 904  
## y\_new[64,1] 3.0 8.0 15.0 8.7 3.9 1.00 1068  
## y\_new[65,1] 4.0 9.0 16.0 9.0 3.7 1.00 885  
## y\_new[66,1] 3.0 8.0 14.0 7.9 3.6 1.00 1083  
## y\_new[67,1] 0.0 3.0 8.0 3.4 2.3 1.00 890  
## y\_new[68,1] 0.0 2.0 6.0 2.2 1.8 1.00 1006  
## y\_new[69,1] 0.0 1.0 5.0 1.6 1.5 1.00 1179  
## y\_new[70,1] 0.0 1.0 3.0 1.0 1.2 1.00 1013  
## y\_new[71,1] 0.0 1.0 4.0 1.3 1.3 1.00 919  
## y\_new[72,1] 0.0 1.0 4.0 1.4 1.5 1.00 1089  
## y\_new[73,1] 0.0 1.0 4.0 1.3 1.4 1.01 963  
## y\_new[74,1] 0.0 2.0 6.0 2.6 2.0 1.00 1074  
## y\_new[75,1] 0.0 2.0 6.0 2.2 1.8 1.00 912  
## y\_new[76,1] 0.0 0.0 1.0 0.3 0.6 1.00 969  
## y\_new[77,1] 0.0 0.0 1.0 0.2 0.5 1.00 992  
## y\_new[78,1] 0.0 0.0 1.0 0.2 0.5 1.00 1016  
## y\_new[79,1] 4.0 10.0 17.0 10.0 4.3 1.00 926  
## y\_new[80,1] 4.0 10.0 18.0 10.2 4.3 1.00 1010  
## y\_new[81,1] 14.0 23.0 35.0 23.7 6.4 1.00 963  
## y\_new[82,1] 8.0 15.0 26.0 15.9 5.7 1.01 1125  
## y\_new[83,1] 2.0 6.0 12.0 6.1 3.4 1.00 905  
## y\_new[84,1] 4.0 9.0 17.0 9.5 4.0 1.00 967  
## y\_new[85,1] 3.0 8.0 16.0 8.6 3.8 1.01 1072  
## y\_new[86,1] 0.0 3.0 7.0 2.9 2.2 1.00 987  
## y\_new[87,1] 5.0 11.0 20.0 11.7 4.7 1.00 937  
## y\_new[88,1] 6.0 12.0 21.0 12.5 4.7 1.01 997  
## y\_new[89,1] 1.0 4.0 9.0 4.4 2.8 1.00 809  
## y\_new[90,1] 0.0 2.0 6.0 2.4 2.0 1.00 1044  
## y\_new[91,1] 0.0 0.0 0.0 0.0 0.1 1.00 845  
## y\_new[92,1] 0.0 0.0 0.0 0.0 0.1 1.00 1043  
## y\_new[93,1] 0.0 0.0 0.0 0.0 0.1 1.00 1040  
## y\_new[94,1] 0.0 0.0 0.0 0.0 0.1 1.00 1038  
## y\_new[95,1] 0.0 0.0 0.0 0.0 0.1 1.00 1045  
## y\_new[96,1] 0.0 0.0 0.0 0.0 0.1 1.00 1040  
## y\_new[97,1] 0.0 0.0 0.0 0.0 0.2 1.00 984  
## y\_new[98,1] 0.0 0.0 0.0 0.0 0.2 1.00 985  
## y\_new[99,1] 0.0 0.0 0.0 0.0 0.2 1.00 1073  
## y\_new[100,1] 0.0 0.0 0.0 0.0 0.2 1.00 1001  
## y\_new[101,1] 0.0 0.0 0.0 0.0 0.2 1.01 1004  
## y\_new[102,1] 0.0 0.0 0.0 0.0 0.1 1.00 847  
## y\_new[103,1] 0.0 0.0 0.0 0.0 0.1 1.00 1028  
## y\_new[104,1] 0.0 0.0 0.0 0.0 0.1 1.00 834  
## y\_new[105,1] 0.0 0.0 0.0 0.0 0.1 1.00 978  
## y\_new[106,1] 0.0 0.0 0.0 0.0 0.2 1.00 1079  
## y\_new[107,1] 0.0 0.0 0.0 0.0 0.1 1.00 1036  
## y\_new[108,1] 0.0 0.0 0.0 0.0 0.1 1.00 971  
## y\_new[109,1] 0.0 0.0 1.0 0.1 0.3 1.00 973  
## y\_new[110,1] 0.0 0.0 0.0 0.0 0.2 1.00 1097  
## y\_new[111,1] 0.0 0.0 0.0 0.0 0.2 1.00 992  
## y\_new[112,1] 0.0 0.0 0.0 0.0 0.2 1.00 999  
## y\_new[113,1] 0.0 0.0 1.0 0.1 0.2 1.00 1004  
## y\_new[114,1] 0.0 0.0 1.0 0.1 0.3 1.00 916  
## y\_new[115,1] 0.0 0.0 1.0 0.1 0.4 1.00 1158  
## y\_new[116,1] 0.0 0.0 1.0 0.1 0.4 1.00 1126  
## y\_new[117,1] 0.0 0.0 1.0 0.1 0.3 1.00 1081  
## y\_new[118,1] 0.0 2.0 6.0 2.2 1.9 1.01 1039  
## y\_new[119,1] 0.0 2.0 6.0 2.2 1.8 1.00 1085  
## y\_new[120,1] 0.0 2.0 7.0 2.7 2.1 1.00 988  
## y\_new[121,1] 0.0 1.0 4.0 1.2 1.3 1.00 1077  
## y\_new[122,1] 0.0 1.0 3.0 0.9 1.1 1.00 1080  
## y\_new[123,1] 0.0 1.0 3.0 0.9 1.0 1.00 945  
## y\_new[124,1] 0.0 0.0 1.0 0.1 0.3 1.00 975  
## y\_new[125,1] 0.0 0.0 1.0 0.1 0.4 1.00 997  
## y\_new[126,1] 0.0 0.0 1.0 0.1 0.4 1.00 1089  
## y\_new[127,1] 0.0 0.0 1.0 0.1 0.3 1.00 928  
## y\_new[128,1] 0.0 0.0 1.0 0.1 0.4 1.00 998  
## y\_new[129,1] 0.0 0.0 1.0 0.1 0.4 1.00 1030  
## y\_new[130,1] 4.0 9.0 17.0 9.9 4.1 1.01 1034  
## y\_new[131,1] 2.0 7.0 14.0 7.5 3.7 1.01 974  
## y\_new[132,1] 5.0 11.0 19.0 11.6 4.6 1.00 985  
## y\_new[133,1] 0.0 3.0 7.0 3.0 2.2 1.00 1057  
## y\_new[134,1] 0.0 2.0 6.0 2.7 2.1 1.00 990  
## y\_new[135,1] 1.0 4.0 9.0 3.9 2.5 1.00 854  
## y\_new[136,1] 2.0 6.0 12.0 6.7 3.3 1.00 824  
## y\_new[137,1] 1.0 5.0 11.0 5.7 3.0 1.00 1062  
## y\_new[138,1] 3.0 8.0 15.0 8.5 3.9 1.00 920  
## y\_new[139,1] 2.0 6.0 12.0 6.1 3.2 1.00 928  
## y\_new[140,1] 1.0 3.0 8.0 3.8 2.4 1.00 968  
## y\_new[141,1] 3.0 7.5 15.0 8.0 3.8 1.00 933  
## y\_new[142,1] 0.0 2.0 7.0 2.7 2.1 1.00 1140  
## y\_new[143,1] 0.0 3.0 8.0 3.3 2.4 1.00 969  
## y\_new[144,1] 1.0 4.0 8.0 4.0 2.4 1.00 1062  
## y\_new[145,1] 0.0 0.0 1.0 0.1 0.4 1.00 1000  
## y\_new[146,1] 0.0 0.0 1.0 0.1 0.4 1.00 1112  
## y\_new[147,1] 0.0 0.0 1.0 0.1 0.4 1.00 1020  
## y\_new[148,1] 0.0 3.0 8.0 3.6 2.4 1.01 1033  
## y\_new[149,1] 0.0 2.0 6.0 2.5 2.0 1.00 954  
## y\_new[150,1] 0.0 2.0 6.0 2.3 1.9 1.00 934  
## y\_new[151,1] 0.0 1.0 4.0 1.3 1.3 1.01 968  
## y\_new[152,1] 0.0 1.0 4.0 1.4 1.4 1.00 1157  
## y\_new[153,1] 0.0 2.0 5.0 2.0 1.8 1.00 966  
## y\_new[154,1] 1.0 5.0 11.0 5.4 3.1 1.00 968  
## y\_new[155,1] 1.0 5.0 11.0 5.4 3.0 1.00 961  
## y\_new[156,1] 0.0 3.0 8.0 3.6 2.6 1.00 768  
## y\_new[157,1] 4.0 10.0 18.0 10.2 4.3 1.00 961  
## y\_new[158,1] 7.0 14.0 24.0 14.8 5.2 1.00 1037  
## y\_new[159,1] 2.0 6.0 14.0 6.5 3.5 1.00 1038  
## y\_new[1,2] 0.0 0.0 0.0 0.0 0.1 1.00 1068  
## y\_new[2,2] 0.0 0.0 0.0 0.0 0.2 1.00 963  
## y\_new[3,2] 0.0 0.0 0.0 0.0 0.2 1.00 1085  
## y\_new[4,2] 0.0 0.0 0.0 0.0 0.2 1.00 1026  
## y\_new[5,2] 0.0 0.0 0.0 0.0 0.2 1.00 1056  
## y\_new[6,2] 0.0 0.0 0.0 0.0 0.2 1.00 1030  
## y\_new[7,2] 10.0 19.0 29.0 19.0 5.9 1.00 962  
## y\_new[8,2] 7.0 14.0 24.0 14.6 5.3 1.01 991  
## y\_new[9,2] 6.0 12.0 21.0 12.8 4.6 1.00 936  
## y\_new[10,2] 21.0 33.0 46.0 33.0 7.6 1.01 1045  
## y\_new[11,2] 9.0 17.0 27.0 17.2 5.6 1.00 1045  
## y\_new[12,2] 21.0 33.0 46.0 33.5 7.9 1.00 1082  
## y\_new[13,2] 18.0 29.0 42.0 29.5 7.2 1.00 993  
## y\_new[14,2] 10.0 18.0 30.0 18.9 6.1 1.00 1024  
## y\_new[15,2] 14.0 24.0 37.0 24.4 6.8 1.00 1016  
## y\_new[16,2] 1.0 4.0 10.0 4.5 2.8 1.00 1072  
## y\_new[17,2] 1.0 4.0 9.0 4.5 2.7 1.00 935  
## y\_new[18,2] 1.0 5.0 11.0 5.3 3.1 1.00 972  
## y\_new[19,2] 3.0 8.0 17.0 8.8 4.1 1.00 963  
## y\_new[20,2] 2.0 7.0 14.0 7.5 3.6 1.00 924  
## y\_new[21,2] 1.0 4.0 10.0 4.7 2.9 1.00 1102  
## y\_new[22,2] 0.0 2.0 6.0 2.5 1.8 1.00 983  
## y\_new[23,2] 1.0 4.0 9.0 4.3 2.5 1.00 973  
## y\_new[24,2] 1.0 5.0 10.0 5.5 2.8 1.00 975  
## y\_new[25,2] 1.0 5.0 11.0 5.7 2.9 1.00 810  
## y\_new[26,2] 0.0 3.0 7.0 3.1 2.1 1.00 1124  
## y\_new[27,2] 0.0 2.0 5.0 2.0 1.8 1.00 987  
## y\_new[28,2] 2.0 5.0 11.0 5.7 2.8 1.01 993  
## y\_new[29,2] 1.0 5.0 10.0 5.5 2.8 1.00 1077  
## y\_new[30,2] 0.0 2.0 7.0 2.8 2.2 1.00 1024  
## y\_new[31,2] 34.0 48.0 65.0 48.2 9.6 1.00 891  
## y\_new[32,2] 24.0 35.0 50.0 35.9 7.9 1.00 973  
## y\_new[33,2] 16.0 27.0 39.0 27.1 7.2 1.00 1042  
## y\_new[34,2] 0.0 0.0 1.0 0.1 0.3 1.00 950  
## y\_new[35,2] 0.0 0.0 1.0 0.1 0.3 1.00 1076  
## y\_new[36,2] 0.0 0.0 1.0 0.1 0.3 1.00 1096  
## y\_new[37,2] 8.0 16.0 27.0 16.1 5.6 1.00 1045  
## y\_new[38,2] 11.0 20.0 32.0 20.5 6.5 1.00 1011  
## y\_new[39,2] 15.0 26.0 39.0 26.6 7.3 1.00 1016  
## y\_new[40,2] 12.0 22.0 33.0 21.9 6.4 1.00 978  
## y\_new[41,2] 12.0 21.0 32.0 21.6 6.0 1.00 883  
## y\_new[42,2] 12.0 22.0 34.0 22.0 6.4 1.00 1078  
## y\_new[43,2] 5.0 12.0 21.0 12.5 4.8 1.00 912  
## y\_new[44,2] 7.0 13.0 22.0 13.8 5.0 1.00 1086  
## y\_new[45,2] 6.0 13.0 22.0 13.6 5.1 1.00 998  
## y\_new[46,2] 11.0 20.0 31.0 20.2 6.2 1.00 992  
## y\_new[47,2] 4.0 11.0 19.0 11.0 4.5 1.00 1016  
## y\_new[48,2] 5.0 11.0 20.0 11.4 4.5 1.00 950  
## y\_new[49,2] 2.0 6.0 13.0 6.3 3.3 1.00 1039  
## y\_new[50,2] 4.0 9.0 17.0 9.6 3.9 1.00 932  
## y\_new[51,2] 3.0 7.0 14.0 7.9 3.5 1.00 969  
## y\_new[52,2] 1.0 5.0 10.0 5.1 2.8 1.00 987  
## y\_new[53,2] 1.0 4.0 9.0 4.2 2.7 1.00 992  
## y\_new[54,2] 6.0 13.0 22.0 13.4 4.9 1.00 910  
## y\_new[55,2] 0.0 3.0 7.0 3.3 2.3 1.00 1067  
## y\_new[56,2] 5.0 11.0 20.0 11.8 4.4 1.00 951  
## y\_new[57,2] 3.0 8.0 15.0 8.7 3.7 1.01 964  
## y\_new[58,2] 1.0 4.0 10.0 4.5 2.8 1.00 1032  
## y\_new[59,2] 6.0 12.0 21.0 12.5 4.6 1.00 872  
## y\_new[60,2] 5.0 11.0 19.0 11.6 4.4 1.00 960  
## y\_new[61,2] 0.0 1.0 5.0 1.8 1.6 1.00 971  
## y\_new[62,2] 0.0 1.0 4.0 1.4 1.4 1.00 805  
## y\_new[63,2] 0.0 2.0 5.0 2.0 1.7 1.01 1048  
## y\_new[64,2] 2.0 6.0 13.0 6.7 3.4 1.00 995  
## y\_new[65,2] 7.0 14.0 22.0 14.3 4.6 1.00 1003  
## y\_new[66,2] 7.0 14.0 24.0 14.8 5.0 1.00 1064  
## y\_new[67,2] 0.0 2.0 5.0 2.1 1.8 1.00 882  
## y\_new[68,2] 0.0 1.0 4.0 1.2 1.3 1.00 961  
## y\_new[69,2] 1.0 4.0 10.0 4.7 2.8 1.00 895  
## y\_new[70,2] 0.0 1.0 5.0 1.8 1.6 1.01 967  
## y\_new[71,2] 0.0 2.0 5.0 1.9 1.6 1.00 1038  
## y\_new[72,2] 0.0 2.0 6.0 2.3 1.9 1.00 955  
## y\_new[73,2] 0.0 3.0 7.0 2.9 2.1 1.00 995  
## y\_new[74,2] 0.0 2.0 5.0 1.9 1.8 1.00 783  
## y\_new[75,2] 0.0 3.0 7.0 2.9 2.2 1.00 941  
## y\_new[76,2] 0.0 0.0 1.0 0.2 0.5 1.00 1117  
## y\_new[77,2] 0.0 0.0 1.0 0.2 0.5 1.00 1039  
## y\_new[78,2] 0.0 0.0 1.0 0.2 0.5 1.00 1010  
## y\_new[79,2] 3.0 9.0 16.0 9.0 4.1 1.00 995  
## y\_new[80,2] 7.0 14.0 23.0 14.1 5.0 1.01 820  
## y\_new[81,2] 6.0 13.0 21.0 12.8 4.8 1.00 942  
## y\_new[82,2] 6.0 12.0 21.0 12.7 4.7 1.00 1060  
## y\_new[83,2] 2.0 6.0 13.0 6.5 3.3 1.00 1035  
## y\_new[84,2] 0.0 3.0 7.0 3.2 2.2 1.00 1122  
## y\_new[85,2] 2.0 7.0 14.0 7.7 3.7 1.00 1039  
## y\_new[86,2] 4.0 10.0 17.0 10.0 4.2 1.00 1000  
## y\_new[87,2] 8.0 16.0 26.0 16.5 5.5 1.00 949  
## y\_new[88,2] 14.0 24.0 36.0 24.6 6.9 1.00 870  
## y\_new[89,2] 0.0 2.0 6.0 2.4 2.0 1.00 931  
## y\_new[90,2] 0.0 2.0 7.0 2.6 2.1 1.00 978  
## y\_new[91,2] 0.0 0.0 0.0 0.0 0.1 1.00 1028  
## y\_new[92,2] 0.0 0.0 0.0 0.0 0.1 1.00 1054  
## y\_new[93,2] 0.0 0.0 0.0 0.0 0.1 1.00 1045  
## y\_new[94,2] 0.0 0.0 0.0 0.0 0.1 1.00 1036  
## y\_new[95,2] 0.0 0.0 0.0 0.0 0.1 1.00 1045  
## y\_new[96,2] 0.0 0.0 0.0 0.0 0.1 1.00 1015  
## y\_new[97,2] 0.0 0.0 0.0 0.0 0.2 1.00 972  
## y\_new[98,2] 0.0 0.0 0.0 0.0 0.1 1.00 973  
## y\_new[99,2] 0.0 0.0 0.0 0.0 0.2 1.00 989  
## y\_new[100,2] 0.0 0.0 0.0 0.0 0.1 1.00 870  
## y\_new[101,2] 0.0 0.0 0.0 0.0 0.2 1.01 988  
## y\_new[102,2] 0.0 0.0 0.0 0.0 0.2 1.00 971  
## y\_new[103,2] 0.0 0.0 0.0 0.0 0.2 1.00 1047  
## y\_new[104,2] 0.0 0.0 0.0 0.0 0.2 1.00 925  
## y\_new[105,2] 0.0 0.0 0.0 0.0 0.1 1.00 1025  
## y\_new[106,2] 0.0 0.0 0.0 0.0 0.2 1.00 1045  
## y\_new[107,2] 0.0 0.0 0.0 0.0 0.1 1.00 1034  
## y\_new[108,2] 0.0 0.0 0.0 0.0 0.2 1.00 1010  
## y\_new[109,2] 0.0 0.0 1.0 0.1 0.3 1.00 1106  
## y\_new[110,2] 0.0 0.0 0.0 0.1 0.2 1.00 1091  
## y\_new[111,2] 0.0 0.0 0.0 0.1 0.2 1.00 844  
## y\_new[112,2] 0.0 0.0 0.0 0.1 0.3 1.00 942  
## y\_new[113,2] 0.0 0.0 1.0 0.1 0.2 1.00 951  
## y\_new[114,2] 0.0 0.0 1.0 0.1 0.3 1.00 998  
## y\_new[115,2] 0.0 0.0 1.0 0.1 0.3 1.01 1041  
## y\_new[116,2] 0.0 0.0 1.0 0.1 0.4 1.01 935  
## y\_new[117,2] 0.0 0.0 1.0 0.1 0.3 1.00 982  
## y\_new[118,2] 0.0 2.0 7.0 2.9 2.3 1.00 976  
## y\_new[119,2] 0.0 3.0 7.0 2.9 2.1 1.00 1035  
## y\_new[120,2] 0.0 2.0 6.0 2.2 2.0 1.00 997  
## y\_new[121,2] 0.0 1.0 5.0 1.7 1.6 1.00 1023  
## y\_new[122,2] 0.0 1.0 5.0 1.6 1.5 1.00 1018  
## y\_new[123,2] 0.0 1.0 4.0 1.3 1.3 1.00 970  
## y\_new[124,2] 0.0 0.0 1.0 0.1 0.4 1.00 1027  
## y\_new[125,2] 0.0 0.0 1.0 0.2 0.4 1.00 1018  
## y\_new[126,2] 0.0 0.0 1.0 0.1 0.4 1.00 1029  
## y\_new[127,2] 0.0 0.0 1.0 0.1 0.4 1.00 1003  
## y\_new[128,2] 0.0 0.0 1.0 0.2 0.4 1.00 998  
## y\_new[129,2] 0.0 0.0 1.0 0.2 0.4 1.00 945  
## y\_new[130,2] 7.0 14.0 23.0 14.5 5.1 1.01 948  
## y\_new[131,2] 7.0 14.0 23.0 14.4 5.0 1.00 1112  
## y\_new[132,2] 3.0 9.0 17.0 9.4 4.2 1.00 1087  
## y\_new[133,2] 3.0 8.0 15.0 8.3 3.7 1.00 1261  
## y\_new[134,2] 3.0 8.0 15.0 8.3 3.6 1.00 1155  
## y\_new[135,2] 4.0 10.0 17.0 10.1 4.2 1.01 1010  
## y\_new[136,2] 18.0 29.0 43.0 29.9 7.8 1.00 1064  
## y\_new[137,2] 18.0 29.0 42.0 29.2 7.5 1.00 982  
## y\_new[138,2] 18.0 28.0 42.0 29.0 7.2 1.00 997  
## y\_new[139,2] 1.0 4.0 10.0 4.6 2.7 1.00 1158  
## y\_new[140,2] 4.0 10.0 19.0 10.9 4.5 1.00 1032  
## y\_new[141,2] 2.0 6.0 13.0 6.9 3.4 1.00 1063  
## y\_new[142,2] 1.0 5.0 11.0 5.0 3.0 1.00 1018  
## y\_new[143,2] 3.0 9.0 16.0 9.1 4.0 1.00 928  
## y\_new[144,2] 2.0 5.0 11.0 5.9 3.1 1.00 887  
## y\_new[145,2] 0.0 0.0 1.0 0.2 0.4 1.00 1021  
## y\_new[146,2] 0.0 0.0 1.0 0.2 0.5 1.00 977  
## y\_new[147,2] 0.0 0.0 1.0 0.2 0.4 1.01 827  
## y\_new[148,2] 1.0 3.0 8.0 3.9 2.4 1.00 1008  
## y\_new[149,2] 0.0 3.0 7.0 3.1 2.2 1.00 1009  
## y\_new[150,2] 1.0 4.0 10.0 4.7 2.8 1.00 974  
## y\_new[151,2] 0.0 3.0 8.0 3.6 2.3 1.01 1026  
## y\_new[152,2] 0.0 2.0 6.0 2.6 2.0 1.00 986  
## y\_new[153,2] 0.0 2.0 6.0 2.6 2.0 1.00 964  
## y\_new[154,2] 6.0 12.0 20.0 12.1 4.4 1.00 988  
## y\_new[155,2] 8.0 16.0 25.0 15.7 5.3 1.00 906  
## y\_new[156,2] 2.0 6.0 12.0 6.5 3.3 1.00 1082  
## y\_new[157,2] 5.0 12.0 20.0 12.0 4.6 1.00 900  
## y\_new[158,2] 10.0 18.0 29.0 18.5 5.7 1.01 1052  
## y\_new[159,2] 7.0 14.0 23.0 14.2 5.2 1.01 850  
## y\_new[1,3] 0.0 0.0 0.0 0.0 0.2 1.00 1010  
## y\_new[2,3] 0.0 0.0 0.0 0.0 0.2 1.00 941  
## y\_new[3,3] 0.0 0.0 0.0 0.0 0.2 1.00 1081  
## y\_new[4,3] 0.0 0.0 0.0 0.0 0.2 1.00 1059  
## y\_new[5,3] 0.0 0.0 0.0 0.0 0.2 1.00 900  
## y\_new[6,3] 0.0 0.0 0.0 0.0 0.2 1.00 1101  
## y\_new[7,3] 37.0 52.0 69.0 52.7 9.8 1.00 1050  
## y\_new[8,3] 30.0 44.0 60.0 44.8 9.3 1.00 1012  
## y\_new[9,3] 27.0 40.0 55.0 40.2 8.8 1.00 1014  
## y\_new[10,3] 6.0 13.0 22.0 13.4 5.0 1.00 1060  
## y\_new[11,3] 6.0 13.0 23.0 13.4 5.0 1.00 1168  
## y\_new[12,3] 8.0 16.0 26.0 16.0 5.5 1.00 1021  
## y\_new[13,3] 5.0 12.0 21.0 12.3 4.7 1.00 1058  
## y\_new[14,3] 4.0 9.0 17.0 9.6 4.1 1.00 1085  
## y\_new[15,3] 5.0 12.0 22.0 12.4 5.0 1.00 994  
## y\_new[16,3] 0.0 3.0 8.0 3.4 2.2 1.01 1076  
## y\_new[17,3] 0.0 3.0 7.0 3.2 2.2 1.00 1008  
## y\_new[18,3] 0.0 3.0 8.0 3.5 2.3 1.00 895  
## y\_new[19,3] 8.0 15.0 24.0 15.0 5.1 1.00 919  
## y\_new[20,3] 6.0 12.0 22.0 12.7 4.9 1.00 980  
## y\_new[21,3] 4.0 11.0 19.0 11.0 4.3 1.00 994  
## y\_new[22,3] 2.0 6.0 12.0 6.3 3.0 1.02 883  
## y\_new[23,3] 1.0 5.0 10.0 5.1 2.7 1.00 998  
## y\_new[24,3] 0.0 3.0 7.0 3.4 2.2 1.01 844  
## y\_new[25,3] 1.0 3.0 8.0 3.9 2.5 1.00 975  
## y\_new[26,3] 1.0 5.0 9.0 5.0 2.6 1.00 1057  
## y\_new[27,3] 1.0 4.0 9.0 4.4 2.5 1.00 907  
## y\_new[28,3] 2.0 6.0 12.0 6.5 3.1 1.01 1075  
## y\_new[29,3] 3.0 8.0 14.0 8.3 3.5 1.00 1022  
## y\_new[30,3] 0.0 3.0 7.0 3.0 2.1 1.00 943  
## y\_new[31,3] 10.0 19.0 30.0 19.7 6.1 1.01 1048  
## y\_new[32,3] 15.0 25.0 37.0 25.5 6.9 1.00 975  
## y\_new[33,3] 11.0 19.0 30.0 19.7 6.0 1.00 932  
## y\_new[34,3] 0.0 0.0 1.0 0.1 0.3 1.01 939  
## y\_new[35,3] 0.0 0.0 1.0 0.1 0.3 1.00 933  
## y\_new[36,3] 0.0 0.0 1.0 0.1 0.3 1.00 962  
## y\_new[37,3] 8.0 16.0 26.0 16.4 5.4 1.00 923  
## y\_new[38,3] 8.0 15.0 25.0 15.7 5.4 1.00 1142  
## y\_new[39,3] 6.0 12.0 21.0 12.5 4.8 1.00 941  
## y\_new[40,3] 3.0 8.0 16.0 8.7 4.0 1.00 1029  
## y\_new[41,3] 22.0 33.0 47.0 33.7 7.7 1.00 999  
## y\_new[42,3] 33.0 47.0 63.0 47.4 9.1 1.00 918  
## y\_new[43,3] 8.0 16.0 25.0 16.3 5.2 1.00 973  
## y\_new[44,3] 8.0 16.0 26.0 16.3 5.4 1.00 890  
## y\_new[45,3] 7.0 13.0 23.0 13.9 5.1 1.01 920  
## y\_new[46,3] 10.0 19.0 30.0 19.6 5.9 1.00 1036  
## y\_new[47,3] 5.0 11.0 20.0 11.4 4.6 1.00 1041  
## y\_new[48,3] 8.0 16.0 25.0 15.9 5.2 1.00 1048  
## y\_new[49,3] 3.0 8.0 16.0 8.8 3.9 1.00 1001  
## y\_new[50,3] 3.0 8.0 15.0 8.5 3.7 1.01 823  
## y\_new[51,3] 3.0 7.0 14.0 7.7 3.5 1.00 1115  
## y\_new[52,3] 5.0 11.0 19.0 11.2 4.4 1.00 950  
## y\_new[53,3] 1.0 3.0 8.0 3.8 2.4 1.00 919  
## y\_new[54,3] 1.0 5.0 11.0 5.2 3.1 1.00 889  
## y\_new[55,3] 1.0 5.0 11.0 5.1 3.0 1.00 1188  
## y\_new[56,3] 1.0 4.0 10.0 4.7 2.7 1.00 986  
## y\_new[57,3] 4.0 9.0 17.0 9.7 4.1 1.00 954  
## y\_new[58,3] 3.0 8.0 15.0 8.5 3.8 1.00 900  
## y\_new[59,3] 1.0 5.0 10.0 5.0 2.9 1.00 822  
## y\_new[60,3] 1.0 5.0 11.0 5.7 3.1 1.00 983  
## y\_new[61,3] 0.0 0.0 3.0 0.8 1.1 1.00 1106  
## y\_new[62,3] 0.0 0.0 3.0 0.8 1.0 1.00 1058  
## y\_new[63,3] 0.0 0.0 2.0 0.7 0.9 1.00 1006  
## y\_new[64,3] 7.0 13.0 22.0 13.3 4.6 1.00 1000  
## y\_new[65,3] 7.0 13.0 22.0 13.4 4.5 1.00 943  
## y\_new[66,3] 7.0 15.0 23.0 14.8 5.0 1.00 955  
## y\_new[67,3] 0.0 2.0 6.0 2.6 2.0 1.00 981  
## y\_new[68,3] 0.0 3.0 8.0 3.2 2.3 1.00 828  
## y\_new[69,3] 0.0 2.0 5.0 2.1 1.8 1.00 1047  
## y\_new[70,3] 0.0 1.0 3.0 1.0 1.2 1.00 923  
## y\_new[71,3] 0.0 1.0 4.0 1.2 1.3 1.00 913  
## y\_new[72,3] 0.0 2.0 7.0 2.9 2.2 1.01 990  
## y\_new[73,3] 0.0 2.0 7.0 2.7 2.1 1.00 1041  
## y\_new[74,3] 0.0 2.0 6.0 2.5 2.0 1.00 963  
## y\_new[75,3] 0.0 2.0 5.0 2.2 1.8 1.00 1004  
## y\_new[76,3] 0.0 0.0 1.0 0.3 0.6 1.00 936  
## y\_new[77,3] 0.0 0.0 1.0 0.3 0.5 1.00 1040  
## y\_new[78,3] 0.0 0.0 1.0 0.3 0.6 1.00 1104  
## y\_new[79,3] 2.0 6.0 12.0 6.3 3.3 1.00 1051  
## y\_new[80,3] 2.0 6.0 14.0 6.8 3.6 1.00 1102  
## y\_new[81,3] 9.0 16.0 27.0 16.7 5.4 1.00 995  
## y\_new[82,3] 5.0 11.0 20.0 11.8 4.7 1.00 1030  
## y\_new[83,3] 4.0 9.0 17.0 9.7 4.1 1.00 1047  
## y\_new[84,3] 1.0 5.0 11.0 5.4 2.9 1.01 986  
## y\_new[85,3] 2.0 6.0 13.0 6.7 3.4 1.00 1025  
## y\_new[86,3] 3.0 8.0 15.0 8.2 3.9 1.00 1074  
## y\_new[87,3] 4.0 9.0 17.0 9.7 4.0 1.00 954  
## y\_new[88,3] 4.0 10.0 17.0 10.2 4.1 1.00 959  
## y\_new[89,3] 1.0 5.0 10.0 4.9 2.8 1.00 1012  
## y\_new[90,3] 1.0 4.0 10.0 4.6 3.0 1.00 938  
## y\_new[91,3] 0.0 0.0 0.0 0.0 0.1 1.00 1042  
## y\_new[92,3] 0.0 0.0 0.0 0.0 0.1 1.00 1052  
## y\_new[93,3] 0.0 0.0 0.0 0.0 0.1 1.00 1031  
## y\_new[94,3] 0.0 0.0 0.0 0.0 0.1 1.00 856  
## y\_new[95,3] 0.0 0.0 0.0 0.0 0.1 1.00 1051  
## y\_new[96,3] 0.0 0.0 0.0 0.0 0.1 1.00 1054  
## y\_new[97,3] 0.0 0.0 0.0 0.0 0.2 1.00 1069  
## y\_new[98,3] 0.0 0.0 0.0 0.0 0.2 1.00 1078  
## y\_new[99,3] 0.0 0.0 0.0 0.0 0.2 1.00 983  
## y\_new[100,3] 0.0 0.0 0.0 0.0 0.2 1.00 953  
## y\_new[101,3] 0.0 0.0 0.0 0.0 0.2 1.00 1025  
## y\_new[102,3] 0.0 0.0 0.0 0.0 0.2 1.01 961  
## y\_new[103,3] 0.0 0.0 0.0 0.0 0.2 1.00 838  
## y\_new[104,3] 0.0 0.0 0.0 0.0 0.2 1.00 835  
## y\_new[105,3] 0.0 0.0 0.0 0.0 0.2 1.00 823  
## y\_new[106,3] 0.0 0.0 0.0 0.0 0.2 1.00 949  
## y\_new[107,3] 0.0 0.0 0.0 0.0 0.2 1.00 992  
## y\_new[108,3] 0.0 0.0 0.0 0.0 0.2 1.00 1101  
## y\_new[109,3] 0.0 0.0 1.0 0.1 0.3 1.00 940  
## y\_new[110,3] 0.0 0.0 0.0 0.0 0.2 1.00 1016  
## y\_new[111,3] 0.0 0.0 1.0 0.1 0.3 1.00 1009  
## y\_new[112,3] 0.0 0.0 1.0 0.1 0.3 1.00 1101  
## y\_new[113,3] 0.0 0.0 1.0 0.1 0.3 1.00 1091  
## y\_new[114,3] 0.0 0.0 1.0 0.1 0.3 1.00 1060  
## y\_new[115,3] 0.0 0.0 1.0 0.1 0.4 1.00 1069  
## y\_new[116,3] 0.0 0.0 1.0 0.1 0.4 1.00 1120  
## y\_new[117,3] 0.0 0.0 1.0 0.1 0.3 1.00 1006  
## y\_new[118,3] 6.0 12.0 20.0 12.4 4.6 1.00 919  
## y\_new[119,3] 9.0 17.0 27.0 17.2 5.6 1.00 976  
## y\_new[120,3] 3.0 9.0 16.0 9.0 3.8 1.01 940  
## y\_new[121,3] 0.0 2.0 5.0 2.0 1.7 1.01 987  
## y\_new[122,3] 0.0 2.0 6.0 2.7 1.9 1.00 1022  
## y\_new[123,3] 1.0 4.0 9.0 4.7 2.6 1.00 972  
## y\_new[124,3] 0.0 0.0 1.0 0.1 0.3 1.00 983  
## y\_new[125,3] 0.0 0.0 1.0 0.1 0.4 1.00 1025  
## y\_new[126,3] 0.0 0.0 1.0 0.1 0.4 1.00 895  
## y\_new[127,3] 0.0 0.0 1.0 0.2 0.4 1.00 1049  
## y\_new[128,3] 0.0 0.0 1.0 0.2 0.4 1.00 1055  
## y\_new[129,3] 0.0 0.0 1.0 0.2 0.5 1.00 1046  
## y\_new[130,3] 8.0 15.0 25.0 15.5 5.1 1.00 1008  
## y\_new[131,3] 6.0 12.0 20.0 12.7 4.5 1.00 1182  
## y\_new[132,3] 2.0 7.0 14.0 7.2 3.6 1.00 1092  
## y\_new[133,3] 2.0 7.0 13.0 7.1 3.3 1.00 1057  
## y\_new[134,3] 2.0 7.0 14.0 7.3 3.5 1.00 946  
## y\_new[135,3] 1.0 5.0 11.0 5.2 2.9 1.00 964  
## y\_new[136,3] 6.0 12.0 21.0 12.8 4.9 1.00 939  
## y\_new[137,3] 17.0 28.0 41.0 28.1 7.3 1.00 1064  
## y\_new[138,3] 10.0 19.0 29.0 19.2 6.1 1.00 1157  
## y\_new[139,3] 8.0 15.0 24.0 15.0 4.9 1.00 1005  
## y\_new[140,3] 5.0 12.0 20.0 12.1 4.6 1.00 910  
## y\_new[141,3] 5.0 12.0 20.0 12.1 4.5 1.00 959  
## y\_new[142,3] 0.0 3.0 9.0 3.7 2.6 1.00 941  
## y\_new[143,3] 2.0 7.0 14.0 7.5 3.6 1.00 1026  
## y\_new[144,3] 3.0 9.0 16.0 9.1 3.9 1.00 945  
## y\_new[145,3] 0.0 0.0 1.0 0.2 0.4 1.00 858  
## y\_new[146,3] 0.0 0.0 1.0 0.1 0.4 1.00 955  
## y\_new[147,3] 0.0 0.0 1.0 0.2 0.4 1.00 903  
## y\_new[148,3] 2.0 6.0 12.0 6.5 3.2 1.01 901  
## y\_new[149,3] 4.0 9.0 15.0 8.9 3.7 1.00 1118  
## y\_new[150,3] 2.0 7.0 13.0 7.0 3.5 1.00 1075  
## y\_new[151,3] 0.0 2.0 6.0 2.6 1.9 1.00 960  
## y\_new[152,3] 0.0 2.0 5.0 2.0 1.8 1.00 922  
## y\_new[153,3] 0.0 3.0 7.0 3.2 2.1 1.00 1026  
## y\_new[154,3] 4.0 10.0 18.0 10.8 4.2 1.00 1018  
## y\_new[155,3] 6.0 13.0 21.0 13.0 4.8 1.00 1050  
## y\_new[156,3] 6.0 13.0 22.0 13.7 4.7 1.00 911  
## y\_new[157,3] 19.0 30.0 42.0 29.9 7.2 1.00 1065  
## y\_new[158,3] 14.0 22.0 33.0 22.9 6.3 1.00 1016  
## y\_new[159,3] 4.0 11.0 20.0 11.5 4.7 1.00 904  
## y\_new[1,4] 0.0 0.0 0.0 0.0 0.2 1.00 1074  
## y\_new[2,4] 0.0 0.0 0.0 0.0 0.2 1.00 1081  
## y\_new[3,4] 0.0 0.0 0.0 0.0 0.2 1.00 1044  
## y\_new[4,4] 0.0 0.0 0.0 0.0 0.2 1.00 921  
## y\_new[5,4] 0.0 0.0 0.0 0.0 0.2 1.00 1074  
## y\_new[6,4] 0.0 0.0 0.0 0.0 0.2 1.00 1087  
## y\_new[7,4] 31.0 45.0 62.0 45.4 9.3 1.00 1147  
## y\_new[8,4] 18.0 29.0 43.0 29.7 7.6 1.00 939  
## y\_new[9,4] 35.0 49.0 68.0 49.8 10.2 1.00 982  
## y\_new[10,4] 1.0 5.0 11.0 5.3 3.1 1.00 960  
## y\_new[11,4] 1.0 5.0 12.0 5.9 3.4 1.00 1064  
## y\_new[12,4] 2.0 6.0 13.0 6.7 3.6 1.00 1016  
## y\_new[13,4] 14.0 24.0 35.0 24.1 6.6 1.01 1023  
## y\_new[14,4] 9.0 17.0 28.0 17.8 6.0 1.00 949  
## y\_new[15,4] 7.0 15.0 25.0 15.2 5.4 1.00 1008  
## y\_new[16,4] 2.0 7.0 13.0 6.9 3.2 1.00 1045  
## y\_new[17,4] 0.0 3.0 8.0 3.7 2.5 1.01 1051  
## y\_new[18,4] 0.0 2.0 7.0 2.7 2.1 1.00 1056  
## y\_new[19,4] 10.0 18.0 28.0 18.7 5.7 1.00 956  
## y\_new[20,4] 10.0 19.0 29.0 18.9 5.6 1.01 898  
## y\_new[21,4] 8.0 15.0 25.0 16.0 5.4 1.00 916  
## y\_new[22,4] 1.0 4.0 9.0 4.2 2.4 1.01 918  
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## y\_new[26,4] 0.0 2.0 6.0 2.6 1.9 1.00 1055  
## y\_new[27,4] 0.0 3.0 7.0 2.9 2.1 1.00 963  
## y\_new[28,4] 3.0 8.0 13.0 7.7 3.2 1.00 978  
## y\_new[29,4] 1.0 4.0 9.0 4.6 2.6 1.00 1070  
## y\_new[30,4] 2.0 6.0 12.0 6.0 3.2 1.00 1014  
## y\_new[31,4] 17.0 28.0 42.0 28.3 7.6 1.00 1009  
## y\_new[32,4] 9.0 17.0 28.0 17.6 5.8 1.00 990  
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## y\_new[34,4] 0.0 0.0 1.0 0.1 0.3 1.00 1025  
## y\_new[35,4] 0.0 0.0 1.0 0.1 0.3 1.00 1085  
## y\_new[36,4] 0.0 0.0 1.0 0.1 0.3 1.00 1081  
## y\_new[37,4] 16.0 26.0 38.0 26.1 6.8 1.00 985  
## y\_new[38,4] 11.0 20.0 32.0 20.6 6.4 1.00 873  
## y\_new[39,4] 8.0 15.0 26.0 15.5 5.3 1.01 957  
## y\_new[40,4] 9.0 16.0 27.0 16.8 5.8 1.00 1018  
## y\_new[41,4] 23.0 35.0 49.0 35.4 8.0 1.00 1077  
## y\_new[42,4] 30.0 43.0 60.0 43.2 9.0 1.00 998  
## y\_new[43,4] 5.0 11.0 20.0 11.6 4.7 1.00 1071  
## y\_new[44,4] 7.0 14.0 23.0 14.6 5.1 1.00 1062  
## y\_new[45,4] 10.0 19.0 30.0 19.4 6.1 1.00 1000  
## y\_new[46,4] 9.0 18.0 27.0 17.8 5.8 1.00 982  
## y\_new[47,4] 7.0 15.0 24.0 15.0 5.1 1.00 959  
## y\_new[48,4] 10.0 19.0 30.0 19.2 5.9 1.00 980  
## y\_new[49,4] 6.0 12.0 21.0 12.8 4.6 1.01 972  
## y\_new[50,4] 7.0 13.0 21.0 13.0 4.4 1.00 991  
## y\_new[51,4] 3.0 7.0 14.0 7.7 3.5 1.00 972  
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## y\_new[54,4] 1.0 4.0 10.0 4.8 2.9 1.00 995  
## y\_new[55,4] 1.0 5.0 11.0 5.5 3.1 1.00 1024  
## y\_new[56,4] 2.0 7.0 14.0 7.0 3.6 1.00 1038  
## y\_new[57,4] 1.0 5.0 11.0 5.6 3.0 1.01 1101  
## y\_new[58,4] 2.0 6.0 13.0 6.8 3.3 1.00 972  
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## y\_new[62,4] 0.0 1.0 3.0 0.9 1.0 1.00 1018  
## y\_new[63,4] 0.0 0.0 2.0 0.7 0.9 1.00 1075  
## y\_new[64,4] 5.0 11.0 19.0 11.3 4.4 1.00 1007  
## y\_new[65,4] 8.0 15.0 23.0 15.0 4.7 1.00 1280  
## y\_new[66,4] 5.0 11.0 19.0 11.5 4.3 1.00 913  
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## y\_new[69,4] 0.0 1.0 5.0 1.8 1.6 1.00 985  
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## y\_new[73,4] 0.0 2.0 6.0 2.1 1.8 1.00 1060  
## y\_new[74,4] 0.0 2.0 6.0 2.5 2.0 1.00 1012  
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## y\_new[78,4] 0.0 0.0 1.0 0.3 0.5 1.00 974  
## y\_new[79,4] 4.0 10.0 18.0 10.0 4.4 1.01 995  
## y\_new[80,4] 5.0 12.0 22.0 12.7 4.9 1.00 918  
## y\_new[81,4] 13.0 23.0 35.0 23.2 6.5 1.00 976  
## y\_new[82,4] 9.0 17.0 28.0 17.3 5.8 1.00 1004  
## y\_new[83,4] 3.0 7.0 15.0 7.9 3.8 1.00 1024  
## y\_new[84,4] 1.0 5.0 11.0 5.2 3.0 1.00 1046  
## y\_new[85,4] 2.0 6.0 13.0 6.7 3.5 1.00 1057  
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## y\_new[96,4] 0.0 0.0 0.0 0.0 0.1 1.00 1038  
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## y\_new[98,4] 0.0 0.0 0.0 0.0 0.2 1.00 879  
## y\_new[99,4] 0.0 0.0 0.0 0.0 0.2 1.01 974  
## y\_new[100,4] 0.0 0.0 0.0 0.0 0.2 1.00 1011  
## y\_new[101,4] 0.0 0.0 0.0 0.0 0.2 1.00 918  
## y\_new[102,4] 0.0 0.0 0.0 0.0 0.2 1.00 890  
## y\_new[103,4] 0.0 0.0 0.0 0.0 0.1 1.01 929  
## y\_new[104,4] 0.0 0.0 0.0 0.0 0.1 1.00 960  
## y\_new[105,4] 0.0 0.0 0.0 0.0 0.2 1.00 1075  
## y\_new[106,4] 0.0 0.0 0.0 0.0 0.2 1.00 1062  
## y\_new[107,4] 0.0 0.0 0.0 0.0 0.2 1.00 962  
## y\_new[108,4] 0.0 0.0 0.0 0.0 0.2 1.00 1017  
## y\_new[109,4] 0.0 0.0 1.0 0.1 0.3 1.00 952  
## y\_new[110,4] 0.0 0.0 0.0 0.0 0.2 1.01 989  
## y\_new[111,4] 0.0 0.0 1.0 0.1 0.2 1.00 1001  
## y\_new[112,4] 0.0 0.0 1.0 0.1 0.3 1.00 967  
## y\_new[113,4] 0.0 0.0 1.0 0.1 0.3 1.01 874  
## y\_new[114,4] 0.0 0.0 1.0 0.1 0.3 1.00 929  
## y\_new[115,4] 0.0 0.0 1.0 0.1 0.4 1.00 1139  
## y\_new[116,4] 0.0 0.0 1.0 0.1 0.4 1.00 1000  
## y\_new[117,4] 0.0 0.0 1.0 0.1 0.3 1.00 1062  
## y\_new[118,4] 3.0 8.0 16.0 8.5 3.8 1.01 897  
## y\_new[119,4] 2.0 7.0 14.0 7.2 3.5 1.01 1051  
## y\_new[120,4] 8.0 16.0 25.0 16.1 5.2 1.00 930  
## y\_new[121,4] 0.0 1.0 5.0 1.7 1.6 1.01 946  
## y\_new[122,4] 0.0 1.0 3.0 1.0 1.2 1.00 1011  
## y\_new[123,4] 0.0 1.0 3.0 1.0 1.1 1.00 1038  
## y\_new[124,4] 0.0 0.0 1.0 0.1 0.3 1.00 978  
## y\_new[125,4] 0.0 0.0 1.0 0.2 0.4 1.00 1080  
## y\_new[126,4] 0.0 0.0 1.0 0.1 0.4 1.01 936  
## y\_new[127,4] 0.0 0.0 1.0 0.2 0.5 1.00 1010  
## y\_new[128,4] 0.0 0.0 1.0 0.2 0.5 1.00 1010  
## y\_new[129,4] 0.0 0.0 1.0 0.2 0.5 1.00 994  
## y\_new[130,4] 10.0 19.0 28.0 18.9 5.4 1.00 947  
## y\_new[131,4] 17.0 28.0 40.0 28.0 7.0 1.00 1060  
## y\_new[132,4] 7.0 14.0 23.0 14.2 5.0 1.00 1073  
## y\_new[133,4] 2.0 7.0 13.0 7.2 3.4 1.00 1117  
## y\_new[134,4] 3.0 8.0 15.0 8.4 3.8 1.00 1034  
## y\_new[135,4] 2.0 7.0 14.0 7.2 3.7 1.00 1040  
## y\_new[136,4] 17.0 27.0 39.0 27.2 7.0 1.00 888  
## y\_new[137,4] 21.0 33.0 47.0 33.5 7.8 1.00 976  
## y\_new[138,4] 34.0 48.0 66.0 49.0 9.5 1.01 938  
## y\_new[139,4] 2.0 7.0 13.0 6.9 3.3 1.00 1055  
## y\_new[140,4] 3.0 8.0 15.0 8.2 3.7 1.00 932  
## y\_new[141,4] 1.0 5.0 10.0 5.0 2.9 1.00 1052  
## y\_new[142,4] 1.0 3.0 9.0 3.9 2.7 1.00 955  
## y\_new[143,4] 0.0 3.0 8.0 3.7 2.5 1.00 961  
## y\_new[144,4] 3.0 8.0 14.0 7.8 3.3 1.00 1091  
## y\_new[145,4] 0.0 0.0 1.0 0.2 0.4 1.00 1043  
## y\_new[146,4] 0.0 0.0 1.0 0.2 0.4 1.00 1018  
## y\_new[147,4] 0.0 0.0 1.0 0.1 0.4 1.00 1058  
## y\_new[148,4] 2.0 7.0 13.0 7.3 3.5 1.00 989  
## y\_new[149,4] 1.0 5.0 11.0 5.4 3.0 1.00 1072  
## y\_new[150,4] 3.0 8.0 16.0 8.7 3.9 1.00 936  
## y\_new[151,4] 0.0 3.0 7.0 3.0 2.1 1.00 1098  
## y\_new[152,4] 0.0 1.0 4.0 1.5 1.5 1.00 1020  
## y\_new[153,4] 0.0 2.0 5.0 2.0 1.7 1.00 952  
## y\_new[154,4] 4.0 9.0 17.0 9.5 4.1 1.00 949  
## y\_new[155,4] 8.0 16.0 26.0 16.5 5.6 1.00 1088  
## y\_new[156,4] 6.0 12.0 21.0 12.4 4.6 1.00 1024  
## y\_new[157,4] 11.0 20.0 30.0 20.2 5.8 1.00 927  
## y\_new[158,4] 14.0 24.0 37.0 24.8 6.7 1.00 1016  
## y\_new[159,4] 5.0 10.0 19.0 11.0 4.5 1.00 958  
## y\_new[1,5] 0.0 0.0 0.0 0.0 0.1 1.00 1072  
## y\_new[2,5] 0.0 0.0 0.0 0.0 0.2 1.00 1088  
## y\_new[3,5] 0.0 0.0 0.0 0.0 0.2 1.00 939  
## y\_new[4,5] 0.0 0.0 0.0 0.0 0.2 1.00 1086  
## y\_new[5,5] 0.0 0.0 0.0 0.0 0.2 1.00 1059  
## y\_new[6,5] 0.0 0.0 0.0 0.0 0.2 1.00 1028  
## y\_new[7,5] 43.0 58.0 76.0 59.0 10.3 1.00 1081  
## y\_new[8,5] 43.0 59.0 77.0 59.7 10.5 1.00 1001  
## y\_new[9,5] 38.0 51.0 68.0 52.2 9.7 1.01 840  
## y\_new[10,5] 14.0 23.0 34.0 23.3 6.5 1.01 1083  
## y\_new[11,5] 10.0 20.0 31.0 20.0 6.1 1.00 1072  
## y\_new[12,5] 25.0 38.0 53.0 38.4 8.4 1.00 1033  
## y\_new[13,5] 7.0 15.0 25.0 15.4 5.4 1.00 956  
## y\_new[14,5] 11.0 19.0 31.0 19.9 6.1 1.00 948  
## y\_new[15,5] 13.0 23.5 37.0 24.1 7.1 1.00 1037  
## y\_new[16,5] 1.0 5.0 11.0 5.4 2.9 1.00 943  
## y\_new[17,5] 2.0 7.0 14.0 7.7 3.7 1.00 1068  
## y\_new[18,5] 5.0 11.0 19.0 11.0 4.3 1.00 956  
## y\_new[19,5] 7.0 14.0 24.0 14.6 5.3 1.00 878  
## y\_new[20,5] 8.0 15.0 26.0 15.3 5.3 1.00 910  
## y\_new[21,5] 7.0 16.0 25.0 15.7 5.4 1.00 989  
## y\_new[22,5] 2.0 6.0 11.0 5.9 2.8 1.01 945  
## y\_new[23,5] 2.0 5.0 11.0 5.8 2.9 1.00 959  
## y\_new[24,5] 2.0 5.0 11.0 5.8 2.9 1.00 882  
## y\_new[25,5] 2.0 6.0 12.0 6.8 3.2 1.00 1021  
## y\_new[26,5] 1.0 5.0 11.0 5.5 2.8 1.00 817  
## y\_new[27,5] 1.0 4.0 9.0 4.3 2.5 1.00 922  
## y\_new[28,5] 3.0 7.0 14.0 7.6 3.3 1.00 954  
## y\_new[29,5] 2.0 6.0 12.0 6.7 3.0 1.00 1061  
## y\_new[30,5] 2.0 6.0 11.0 5.9 3.0 1.00 974  
## y\_new[31,5] 24.0 36.0 51.0 36.3 8.2 1.00 1033  
## y\_new[32,5] 33.0 47.0 62.0 46.7 8.8 1.00 983  
## y\_new[33,5] 15.0 25.5 38.0 25.9 6.8 1.00 1016  
## y\_new[34,5] 0.0 0.0 1.0 0.1 0.3 1.00 1088  
## y\_new[35,5] 0.0 0.0 1.0 0.1 0.3 1.00 1085  
## y\_new[36,5] 0.0 0.0 1.0 0.1 0.3 1.00 988  
## y\_new[37,5] 11.0 19.0 31.0 19.5 6.1 1.00 1014  
## y\_new[38,5] 11.0 21.0 32.0 21.4 6.4 1.00 924  
## y\_new[39,5] 15.0 25.0 37.0 25.2 6.9 1.01 1048  
## y\_new[40,5] 14.0 24.0 36.0 24.6 6.8 1.01 913  
## y\_new[41,5] 30.0 43.0 59.0 43.5 8.7 1.00 1081  
## y\_new[42,5] 25.0 37.0 52.0 37.4 8.1 1.00 960  
## y\_new[43,5] 12.0 20.0 31.0 20.7 6.0 1.00 966  
## y\_new[44,5] 14.0 23.0 35.0 23.2 6.4 1.00 1034  
## y\_new[45,5] 13.0 23.0 34.0 23.0 6.7 1.00 1083  
## y\_new[46,5] 18.0 29.0 44.0 29.5 7.7 1.00 979  
## y\_new[47,5] 9.0 17.0 26.0 17.1 5.5 1.00 997  
## y\_new[48,5] 11.0 19.0 30.0 19.7 5.8 1.00 989  
## y\_new[49,5] 5.0 11.0 19.0 11.4 4.4 1.00 984  
## y\_new[50,5] 7.0 13.0 22.0 13.7 4.6 1.00 830  
## y\_new[51,5] 6.0 12.0 20.0 12.7 4.3 1.00 1092  
## y\_new[52,5] 3.0 8.0 14.0 7.9 3.7 1.00 939  
## y\_new[53,5] 1.0 3.0 9.0 3.8 2.5 1.00 1027  
## y\_new[54,5] 2.0 7.0 14.0 7.4 3.6 1.00 1044  
## y\_new[55,5] 3.0 7.0 14.0 7.6 3.5 1.00 1040  
## y\_new[56,5] 6.0 13.0 23.0 13.9 5.0 1.00 1053  
## y\_new[57,5] 2.0 7.0 13.0 7.1 3.4 1.00 995  
## y\_new[58,5] 3.0 8.0 16.0 8.8 3.9 1.00 997  
## y\_new[59,5] 1.0 5.0 11.0 5.6 2.9 1.00 1015  
## y\_new[60,5] 1.0 5.0 11.0 5.6 3.0 1.00 808  
## y\_new[61,5] 0.0 1.0 4.0 1.2 1.3 1.01 936  
## y\_new[62,5] 0.0 1.0 3.0 0.9 1.1 1.00 962  
## y\_new[63,5] 0.0 0.0 3.0 0.8 1.0 1.00 916  
## y\_new[64,5] 4.0 11.0 18.0 10.9 4.2 1.00 1016  
## y\_new[65,5] 3.0 7.0 14.0 7.7 3.5 1.00 1054  
## y\_new[66,5] 1.0 4.0 9.0 4.2 2.7 1.00 931  
## y\_new[67,5] 0.0 2.0 7.0 2.7 2.1 1.00 952  
## y\_new[68,5] 0.0 3.0 8.0 3.2 2.3 1.00 967  
## y\_new[69,5] 0.0 2.0 5.0 2.0 1.7 1.00 1075  
## y\_new[70,5] 0.0 3.0 8.0 3.5 2.2 1.00 966  
## y\_new[71,5] 0.0 3.0 7.0 3.1 2.1 1.00 1133  
## y\_new[72,5] 0.0 3.0 7.0 2.9 2.2 1.00 991  
## y\_new[73,5] 0.0 2.0 6.0 2.2 1.9 1.01 827  
## y\_new[74,5] 0.0 2.0 6.0 2.6 2.0 1.00 1060  
## y\_new[75,5] 0.0 1.0 5.0 1.8 1.7 1.00 796  
## y\_new[76,5] 0.0 0.0 1.0 0.3 0.5 1.00 954  
## y\_new[77,5] 0.0 0.0 2.0 0.4 0.7 1.00 1051  
## y\_new[78,5] 0.0 0.0 1.0 0.3 0.6 1.00 1031  
## y\_new[79,5] 3.0 9.0 16.0 9.3 4.1 1.00 977  
## y\_new[80,5] 7.0 14.0 25.0 14.9 5.3 1.00 922  
## y\_new[81,5] 5.0 11.0 18.0 10.9 4.4 1.00 956  
## y\_new[82,5] 4.0 11.0 20.0 11.2 4.8 1.00 983  
## y\_new[83,5] 2.0 6.0 13.0 6.7 3.5 1.01 975  
## y\_new[84,5] 2.0 7.0 14.0 7.1 3.6 1.00 918  
## y\_new[85,5] 4.0 10.0 18.0 10.3 4.2 1.00 1108  
## y\_new[86,5] 1.0 5.0 11.0 5.4 3.0 1.00 1040  
## y\_new[87,5] 5.0 11.0 20.0 11.7 4.5 1.00 939  
## y\_new[88,5] 14.0 23.0 35.0 23.4 6.3 1.00 956  
## y\_new[89,5] 0.0 3.0 9.0 3.9 2.6 1.00 1059  
## y\_new[90,5] 0.0 2.0 7.0 2.6 2.0 1.00 821  
## y\_new[91,5] 0.0 0.0 0.0 0.0 0.1 1.00 933  
## y\_new[92,5] 0.0 0.0 0.0 0.0 0.1 1.00 770  
## y\_new[93,5] 0.0 0.0 0.0 0.0 0.1 1.00 1040  
## y\_new[94,5] 0.0 0.0 0.0 0.0 0.1 1.00 1040  
## y\_new[95,5] 0.0 0.0 0.0 0.0 0.1 1.00 1064  
## y\_new[96,5] 0.0 0.0 0.0 0.0 0.1 1.00 970  
## y\_new[97,5] 0.0 0.0 0.0 0.0 0.2 1.00 1071  
## y\_new[98,5] 0.0 0.0 0.0 0.0 0.2 1.00 984  
## y\_new[99,5] 0.0 0.0 0.0 0.0 0.2 1.00 1062  
## y\_new[100,5] 0.0 0.0 0.0 0.0 0.2 1.00 980  
## y\_new[101,5] 0.0 0.0 0.0 0.0 0.2 1.00 994  
## y\_new[102,5] 0.0 0.0 0.0 0.0 0.2 1.00 1041  
## y\_new[103,5] 0.0 0.0 0.0 0.0 0.1 1.00 1066  
## y\_new[104,5] 0.0 0.0 0.0 0.0 0.1 1.00 927  
## y\_new[105,5] 0.0 0.0 0.0 0.0 0.2 1.00 948  
## y\_new[106,5] 0.0 0.0 0.0 0.0 0.2 1.00 998  
## y\_new[107,5] 0.0 0.0 0.0 0.0 0.2 1.00 1071  
## y\_new[108,5] 0.0 0.0 0.0 0.0 0.2 1.00 863  
## y\_new[109,5] 0.0 0.0 1.0 0.1 0.3 1.00 1087  
## y\_new[110,5] 0.0 0.0 0.0 0.0 0.2 1.00 1120  
## y\_new[111,5] 0.0 0.0 1.0 0.1 0.3 1.00 1023  
## y\_new[112,5] 0.0 0.0 1.0 0.1 0.3 1.00 997  
## y\_new[113,5] 0.0 0.0 1.0 0.1 0.2 1.01 986  
## y\_new[114,5] 0.0 0.0 1.0 0.1 0.3 0.99 1007  
## y\_new[115,5] 0.0 0.0 1.0 0.1 0.3 1.00 1039  
## y\_new[116,5] 0.0 0.0 1.0 0.1 0.4 1.00 1003  
## y\_new[117,5] 0.0 0.0 1.0 0.1 0.3 1.00 1036  
## y\_new[118,5] 2.0 6.0 13.0 6.5 3.5 1.00 901  
## y\_new[119,5] 1.0 5.0 11.0 5.4 3.0 1.00 987  
## y\_new[120,5] 5.0 10.0 18.0 10.8 4.2 1.00 995  
## y\_new[121,5] 0.0 2.0 6.0 2.4 2.0 1.00 935  
## y\_new[122,5] 0.0 1.0 3.0 0.9 1.1 1.00 900  
## y\_new[123,5] 0.0 2.0 5.0 2.0 1.7 1.00 954  
## y\_new[124,5] 0.0 0.0 1.0 0.1 0.4 1.00 1085  
## y\_new[125,5] 0.0 0.0 1.0 0.1 0.4 1.00 938  
## y\_new[126,5] 0.0 0.0 1.0 0.1 0.4 1.00 954  
## y\_new[127,5] 0.0 0.0 1.0 0.2 0.4 1.00 1077  
## y\_new[128,5] 0.0 0.0 1.0 0.2 0.4 1.00 1065  
## y\_new[129,5] 0.0 0.0 1.0 0.2 0.5 1.00 987  
## y\_new[130,5] 8.0 15.0 24.0 15.3 4.9 1.00 976  
## y\_new[131,5] 10.0 20.0 31.0 20.0 6.2 1.00 995  
## y\_new[132,5] 5.0 12.0 21.0 12.6 5.0 1.00 921  
## y\_new[133,5] 1.0 3.0 8.0 3.8 2.4 1.00 1100  
## y\_new[134,5] 2.0 6.0 12.0 6.4 3.2 1.00 1005  
## y\_new[135,5] 3.0 8.0 16.0 8.8 3.8 1.00 1000  
## y\_new[136,5] 10.0 18.0 29.0 18.9 6.0 1.00 877  
## y\_new[137,5] 18.0 29.0 42.0 29.5 7.3 1.00 1042  
## y\_new[138,5] 22.0 34.0 50.0 34.9 8.3 1.00 1180  
## y\_new[139,5] 1.0 5.0 10.0 5.1 2.9 1.00 980  
## y\_new[140,5] 0.0 3.0 7.0 3.1 2.2 1.00 965  
## y\_new[141,5] 1.0 5.0 11.0 5.6 3.2 1.00 934  
## y\_new[142,5] 1.0 4.0 9.0 4.1 2.7 1.00 992  
## y\_new[143,5] 3.0 9.0 15.0 9.0 3.8 1.00 1089  
## y\_new[144,5] 5.0 12.0 20.0 12.0 4.5 1.01 1007  
## y\_new[145,5] 0.0 0.0 1.0 0.1 0.4 1.00 1164  
## y\_new[146,5] 0.0 0.0 1.0 0.2 0.4 1.01 986  
## y\_new[147,5] 0.0 0.0 1.0 0.1 0.4 1.00 914  
## y\_new[148,5] 4.0 10.0 18.0 10.4 4.2 1.00 977  
## y\_new[149,5] 3.0 8.0 16.0 8.7 3.8 1.00 1024  
## y\_new[150,5] 3.0 8.0 15.0 8.5 3.9 1.00 838  
## y\_new[151,5] 0.0 2.0 6.0 2.6 2.0 1.00 1103  
## y\_new[152,5] 1.0 4.0 10.0 4.5 2.8 1.00 941  
## y\_new[153,5] 0.0 3.0 8.0 3.6 2.4 1.00 920  
## y\_new[154,5] 10.0 18.0 28.0 18.4 5.4 1.00 1120  
## y\_new[155,5] 10.0 17.0 28.0 18.0 5.5 1.00 971  
## y\_new[156,5] 5.0 12.0 21.0 12.5 4.7 1.01 868  
## y\_new[157,5] 8.0 16.0 26.0 16.3 5.7 1.00 940  
## y\_new[158,5] 14.0 24.0 36.0 24.3 6.5 1.00 919  
## y\_new[159,5] 10.0 19.0 31.0 19.7 6.2 1.00 950  
## y\_diff[1,1] -0.1 0.0 0.0 0.0 0.1 1.00 1000  
## y\_diff[2,1] -0.3 0.0 0.0 0.0 0.1 1.00 973  
## y\_diff[3,1] -0.2 0.0 0.0 0.0 0.1 1.00 957  
## y\_diff[4,1] -0.3 0.0 0.0 0.0 0.1 1.00 1098  
## y\_diff[5,1] -0.3 0.0 0.0 0.0 0.1 1.00 1204  
## y\_diff[6,1] -0.2 0.0 0.0 0.0 0.1 1.00 1153  
## y\_diff[7,1] -8.3 0.1 6.9 -0.2 4.7 1.00 1089  
## y\_diff[8,1] -9.9 0.1 8.5 -0.3 5.8 1.00 940  
## y\_diff[9,1] -8.5 -0.1 6.8 -0.4 4.5 1.00 1056  
## y\_diff[10,1] -7.5 6.0 18.0 5.9 7.6 1.00 1017  
## y\_diff[11,1] -10.3 0.2 8.7 -0.3 5.8 1.00 1028  
## y\_diff[12,1] -9.3 0.5 8.4 0.2 5.3 1.00 1063  
## y\_diff[13,1] -5.3 2.1 7.3 1.7 4.0 1.00 920  
## y\_diff[14,1] -7.4 -0.1 6.7 -0.2 4.5 1.00 977  
## y\_diff[15,1] -8.1 -0.2 5.7 -0.5 4.3 1.00 1002  
## y\_diff[16,1] -3.3 -0.3 1.2 -0.6 1.4 1.00 972  
## y\_diff[17,1] -4.0 -1.6 -0.5 -1.8 1.1 1.00 888  
## y\_diff[18,1] -3.0 1.2 3.8 0.9 2.1 1.00 957  
## y\_diff[19,1] -6.9 1.5 7.0 1.0 4.4 1.00 878  
## y\_diff[20,1] -5.1 0.3 3.6 0.0 2.7 1.00 1035  
## y\_diff[21,1] -4.9 -1.4 0.4 -1.7 1.6 1.00 1000  
## y\_diff[22,1] -3.3 0.4 2.5 0.1 1.9 1.01 807  
## y\_diff[23,1] -3.2 0.9 3.7 0.7 2.2 1.00 942  
## y\_diff[24,1] -3.8 -0.3 1.6 -0.6 1.7 1.00 1056  
## y\_diff[25,1] -4.9 -0.8 1.4 -1.1 1.9 1.00 849  
## y\_diff[26,1] -2.1 0.2 1.3 0.0 1.1 1.00 1030  
## y\_diff[27,1] -3.9 -1.1 0.3 -1.4 1.3 1.01 937  
## y\_diff[28,1] -4.1 1.1 4.3 0.7 2.6 1.00 1037  
## y\_diff[29,1] -3.5 0.5 3.2 0.3 2.1 1.00 1089  
## y\_diff[30,1] -4.9 -1.0 0.8 -1.4 1.8 1.00 985  
## y\_diff[31,1] -8.7 -1.2 3.8 -1.6 3.9 1.00 1257  
## y\_diff[32,1] -7.2 0.4 5.8 -0.1 4.0 1.00 952  
## y\_diff[33,1] -7.7 -0.9 4.2 -1.3 3.7 1.01 899  
## y\_diff[34,1] -0.6 0.0 0.0 -0.1 0.2 1.00 934  
## y\_diff[35,1] -0.5 0.0 0.0 -0.1 0.2 1.00 969  
## y\_diff[36,1] -0.4 0.0 0.0 -0.1 0.2 1.00 952  
## y\_diff[37,1] -6.2 -1.7 1.0 -2.0 2.2 1.01 896  
## y\_diff[38,1] -6.4 -1.7 1.0 -2.1 2.3 1.00 961  
## y\_diff[39,1] -7.3 -1.6 2.6 -1.8 3.1 1.00 973  
## y\_diff[40,1] -7.4 -1.0 3.2 -1.4 3.2 1.00 958  
## y\_diff[41,1] -5.1 4.6 11.5 4.2 5.0 1.00 984  
## y\_diff[42,1] -4.9 -1.0 1.5 -1.3 2.0 1.00 982  
## y\_diff[43,1] -5.5 0.4 4.1 0.0 2.9 1.00 911  
## y\_diff[44,1] -5.5 1.7 7.3 1.4 4.0 1.00 997  
## y\_diff[45,1] -5.3 -1.1 1.4 -1.4 2.1 1.01 855  
## y\_diff[46,1] -5.0 -0.4 2.7 -0.7 2.4 1.00 923  
## y\_diff[47,1] -5.9 -0.6 3.0 -0.9 2.7 1.00 924  
## y\_diff[48,1] -6.2 0.7 5.0 0.2 3.4 1.00 990  
## y\_diff[49,1] -5.1 0.5 4.0 0.2 2.8 1.01 928  
## y\_diff[50,1] -5.0 -1.0 1.8 -1.2 2.1 1.01 1041  
## y\_diff[51,1] -3.2 1.2 4.1 0.9 2.3 1.00 1086  
## y\_diff[52,1] -4.0 -1.7 -0.6 -1.9 1.1 1.00 863  
## y\_diff[53,1] -3.2 -1.0 0.3 -1.1 1.1 1.01 888  
## y\_diff[54,1] -4.3 -1.0 0.7 -1.3 1.6 1.00 933  
## y\_diff[55,1] -4.4 -1.4 0.1 -1.7 1.4 1.00 885  
## y\_diff[56,1] -2.9 0.1 1.7 -0.1 1.4 1.01 911  
## y\_diff[57,1] -2.6 0.7 3.0 0.5 1.9 1.00 891  
## y\_diff[58,1] -5.3 -1.0 1.3 -1.3 2.0 1.00 916  
## y\_diff[59,1] -3.5 -0.2 1.5 -0.5 1.6 1.00 1018  
## y\_diff[60,1] -3.8 0.2 2.3 -0.2 1.9 1.00 1110  
## y\_diff[61,1] -1.1 0.2 0.8 0.1 0.7 1.00 1084  
## y\_diff[62,1] -1.3 0.2 0.8 0.1 0.6 1.00 935  
## y\_diff[63,1] -1.5 -0.5 -0.1 -0.6 0.4 1.00 1056  
## y\_diff[64,1] -5.3 0.5 4.6 0.3 3.1 1.00 906  
## y\_diff[65,1] -4.6 1.4 5.3 1.0 3.0 1.01 918  
## y\_diff[66,1] -6.1 -0.6 2.9 -1.0 2.8 1.00 915  
## y\_diff[67,1] -2.4 1.0 2.7 0.7 1.7 1.00 881  
## y\_diff[68,1] -2.5 0.0 1.3 -0.1 1.1 1.00 954  
## y\_diff[69,1] -2.6 -0.4 0.6 -0.6 1.0 1.00 982  
## y\_diff[70,1] -2.3 -0.8 -0.2 -1.0 0.8 1.00 1065  
## y\_diff[71,1] -1.9 -0.1 0.7 -0.3 0.9 1.00 924  
## y\_diff[72,1] -2.2 -0.2 0.6 -0.4 0.9 1.01 1004  
## y\_diff[73,1] -3.0 -1.1 -0.3 -1.3 0.9 1.00 915  
## y\_diff[74,1] -2.3 0.7 2.2 0.4 1.4 1.00 957  
## y\_diff[75,1] -2.7 0.1 1.4 -0.2 1.3 1.00 871  
## y\_diff[76,1] -1.0 -0.1 0.0 -0.3 0.4 1.00 989  
## y\_diff[77,1] -0.9 -0.1 0.0 -0.2 0.3 1.00 1046  
## y\_diff[78,1] -0.9 -0.1 0.0 -0.2 0.3 1.00 1039  
## y\_diff[79,1] -5.7 0.3 4.7 -0.1 3.2 1.01 883  
## y\_diff[80,1] -5.9 0.3 4.6 -0.1 3.2 1.00 904  
## y\_diff[81,1] -7.6 2.6 10.7 2.3 5.6 1.00 939  
## y\_diff[82,1] -7.4 0.5 6.6 0.1 4.3 1.00 949  
## y\_diff[83,1] -4.5 0.2 3.2 -0.1 2.5 1.00 1038  
## y\_diff[84,1] -5.4 0.7 5.1 0.4 3.3 1.00 980  
## y\_diff[85,1] -4.3 1.8 5.5 1.3 3.0 1.00 971  
## y\_diff[86,1] -3.9 -0.7 0.9 -1.0 1.5 1.00 907  
## y\_diff[87,1] -4.7 1.8 6.5 1.4 3.4 1.00 978  
## y\_diff[88,1] -3.1 3.8 8.4 3.4 3.5 1.00 920  
## y\_diff[89,1] -5.2 -0.9 1.5 -1.4 2.2 1.01 872  
## y\_diff[90,1] -5.1 -2.1 -0.7 -2.4 1.4 1.00 997  
## y\_diff[91,1] 0.0 0.0 0.0 0.0 0.1 1.00 930  
## y\_diff[92,1] 0.0 0.0 0.0 0.0 0.1 1.00 972  
## y\_diff[93,1] 0.0 0.0 0.0 0.0 0.0 1.00 1061  
## y\_diff[94,1] 0.0 0.0 0.0 0.0 0.0 1.00 884  
## y\_diff[95,1] 0.0 0.0 0.0 0.0 0.1 1.00 1108  
## y\_diff[96,1] 0.0 0.0 0.0 0.0 0.1 1.00 1002  
## y\_diff[97,1] -0.1 0.0 0.0 0.0 0.1 1.00 1045  
## y\_diff[98,1] 0.0 0.0 0.0 0.0 0.1 1.00 993  
## y\_diff[99,1] 0.0 0.0 0.0 0.0 0.1 1.00 1014  
## y\_diff[100,1] 0.0 0.0 0.0 0.0 0.1 1.00 1033  
## y\_diff[101,1] 0.0 0.0 0.0 0.0 0.1 1.00 994  
## y\_diff[102,1] -0.3 0.0 0.0 0.0 0.1 1.00 948  
## y\_diff[103,1] -0.1 0.0 0.0 0.0 0.1 1.00 960  
## y\_diff[104,1] -0.1 0.0 0.0 0.0 0.1 1.00 912  
## y\_diff[105,1] -0.1 0.0 0.0 0.0 0.1 1.00 1065  
## y\_diff[106,1] -0.2 0.0 0.0 0.0 0.1 1.00 925  
## y\_diff[107,1] -0.1 0.0 0.0 0.0 0.1 1.00 1007  
## y\_diff[108,1] -0.2 0.0 0.0 0.0 0.1 1.00 993  
## y\_diff[109,1] -0.4 0.0 0.0 -0.1 0.2 1.00 990  
## y\_diff[110,1] -0.3 0.0 0.0 0.0 0.1 1.00 1140  
## y\_diff[111,1] -0.3 0.0 0.0 0.0 0.1 1.00 898  
## y\_diff[112,1] -0.4 0.0 0.0 -0.1 0.2 1.00 976  
## y\_diff[113,1] -0.4 0.0 0.0 -0.1 0.2 1.00 926  
## y\_diff[114,1] -0.4 0.0 0.0 -0.1 0.2 1.00 1047  
## y\_diff[115,1] -0.7 0.0 0.0 -0.1 0.3 1.00 1112  
## y\_diff[116,1] -0.7 0.0 0.0 -0.1 0.3 1.00 1093  
## y\_diff[117,1] -0.6 0.0 0.0 -0.1 0.2 1.00 1009  
## y\_diff[118,1] -4.5 -2.0 -0.7 -2.2 1.2 1.00 908  
## y\_diff[119,1] -4.7 -1.9 -0.7 -2.2 1.3 1.00 1024  
## y\_diff[120,1] -4.3 -1.4 0.0 -1.6 1.3 1.00 947  
## y\_diff[121,1] -2.8 -1.0 -0.3 -1.2 0.8 1.00 859  
## y\_diff[122,1] -2.1 -0.7 -0.2 -0.9 0.6 1.00 798  
## y\_diff[123,1] -2.1 -0.7 -0.2 -0.9 0.6 1.01 965  
## y\_diff[124,1] -0.5 0.0 0.0 -0.1 0.2 1.00 1015  
## y\_diff[125,1] -0.6 0.0 0.0 -0.1 0.2 1.00 906  
## y\_diff[126,1] -0.5 0.0 0.0 -0.1 0.2 1.01 1074  
## y\_diff[127,1] -0.6 0.0 0.0 -0.1 0.2 1.00 766  
## y\_diff[128,1] -0.6 0.0 0.0 -0.1 0.2 1.00 1138  
## y\_diff[129,1] -0.6 0.0 0.0 -0.1 0.2 1.00 986  
## y\_diff[130,1] -5.6 0.5 4.8 0.2 3.3 1.01 1052  
## y\_diff[131,1] -5.5 0.0 3.1 -0.5 2.6 1.00 1014  
## y\_diff[132,1] -6.6 -0.2 4.4 -0.5 3.5 1.00 1028  
## y\_diff[133,1] -5.4 -1.8 -0.1 -2.1 1.7 1.00 1014  
## y\_diff[134,1] -4.4 -1.5 0.0 -1.7 1.4 1.00 1004  
## y\_diff[135,1] -4.1 -0.7 1.4 -1.0 1.8 1.00 959  
## y\_diff[136,1] -6.0 -1.5 1.5 -1.8 2.3 1.00 862  
## y\_diff[137,1] -5.4 -1.6 1.3 -1.7 2.0 1.00 999  
## y\_diff[138,1] -6.4 -1.1 2.5 -1.5 2.8 1.00 903  
## y\_diff[139,1] -3.4 1.2 4.2 0.9 2.4 1.00 998  
## y\_diff[140,1] -3.9 -0.5 1.4 -0.8 1.7 1.01 938  
## y\_diff[141,1] -5.5 0.5 4.0 0.0 3.0 1.00 968  
## y\_diff[142,1] -4.6 -1.3 0.1 -1.7 1.5 1.00 1081  
## y\_diff[143,1] -4.3 -1.0 0.7 -1.3 1.5 1.00 837  
## y\_diff[144,1] -3.2 0.3 2.3 0.0 1.8 1.00 1073  
## y\_diff[145,1] -0.7 0.0 0.0 -0.2 0.3 1.00 806  
## y\_diff[146,1] -0.7 0.0 0.0 -0.2 0.3 1.00 1015  
## y\_diff[147,1] -0.6 0.0 0.0 -0.1 0.2 1.00 892  
## y\_diff[148,1] -3.9 -0.3 1.5 -0.5 1.7 1.00 1023  
## y\_diff[149,1] -5.2 -2.3 -0.9 -2.6 1.3 1.00 1092  
## y\_diff[150,1] -4.9 -2.0 -0.8 -2.4 1.3 1.00 1016  
## y\_diff[151,1] -2.8 -1.1 -0.3 -1.2 0.8 1.00 1036  
## y\_diff[152,1] -3.2 -1.2 -0.4 -1.4 0.9 1.00 1095  
## y\_diff[153,1] -2.2 0.2 1.4 0.0 1.2 1.00 1041  
## y\_diff[154,1] -6.2 -2.0 0.6 -2.4 2.2 1.00 906  
## y\_diff[155,1] -5.4 -1.0 1.5 -1.4 2.2 1.01 901  
## y\_diff[156,1] -6.0 -2.4 -0.5 -2.7 1.7 1.00 945  
## y\_diff[157,1] -7.2 -0.9 3.1 -1.4 3.3 1.00 839  
## y\_diff[158,1] -5.9 1.7 7.1 1.3 3.9 1.00 972  
## y\_diff[159,1] -7.1 -2.2 0.8 -2.6 2.5 1.00 1026  
## y\_diff[1,2] -0.1 0.0 0.0 0.0 0.1 1.00 1004  
## y\_diff[2,2] -0.2 0.0 0.0 0.0 0.1 1.00 966  
## y\_diff[3,2] -0.2 0.0 0.0 0.0 0.1 1.00 971  
## y\_diff[4,2] -0.3 0.0 0.0 0.0 0.1 1.00 1059  
## y\_diff[5,2] -0.2 0.0 0.0 0.0 0.1 1.00 1072  
## y\_diff[6,2] -0.2 0.0 0.0 0.0 0.1 1.00 1102  
## y\_diff[7,2] -8.8 -0.5 5.5 -0.8 4.4 1.00 873  
## y\_diff[8,2] -8.4 -1.4 3.7 -1.7 3.8 1.00 1024  
## y\_diff[9,2] -7.8 -1.6 3.2 -1.8 3.3 1.00 945  
## y\_diff[10,2] -6.2 4.2 13.9 4.0 6.3 1.00 1033  
## y\_diff[11,2] -8.3 -1.0 5.1 -1.3 4.2 1.00 909  
## y\_diff[12,2] -9.7 0.7 10.3 0.6 6.3 1.01 1140  
## y\_diff[13,2] -6.0 4.6 13.7 4.4 6.2 1.00 1062  
## y\_diff[14,2] -9.2 -0.4 6.2 -0.7 4.6 1.00 1025  
## y\_diff[15,2] -9.3 0.3 7.6 -0.1 5.1 1.00 946  
## y\_diff[16,2] -3.5 0.9 3.1 0.5 2.1 1.00 960  
## y\_diff[17,2] -4.2 -0.1 2.2 -0.4 1.9 1.01 941  
## y\_diff[18,2] -3.7 1.0 3.6 0.7 2.2 1.01 956  
## y\_diff[19,2] -6.5 -0.5 3.2 -0.9 3.0 1.00 1039  
## y\_diff[20,2] -5.1 -0.3 3.0 -0.6 2.6 1.00 1022  
## y\_diff[21,2] -5.5 -1.4 1.0 -1.7 2.1 1.00 1132  
## y\_diff[22,2] -3.9 -1.3 0.2 -1.5 1.3 1.01 935  
## y\_diff[23,2] -3.8 0.0 2.3 -0.3 1.9 1.00 970  
## y\_diff[24,2] -3.6 0.9 3.6 0.5 2.2 1.00 994  
## y\_diff[25,2] -5.1 -0.2 2.6 -0.6 2.4 1.00 916  
## y\_diff[26,2] -1.8 1.3 2.9 1.0 1.5 1.00 963  
## y\_diff[27,2] -4.6 -1.8 -0.5 -2.1 1.3 1.00 917  
## y\_diff[28,2] -3.9 0.5 3.6 0.3 2.3 1.01 952  
## y\_diff[29,2] -3.7 0.7 4.0 0.6 2.4 1.00 1041  
## y\_diff[30,2] -4.8 -1.6 0.1 -1.8 1.5 1.00 935  
## y\_diff[31,2] -13.4 1.4 13.6 0.9 8.5 1.00 1046  
## y\_diff[32,2] -9.1 3.7 13.5 3.2 6.8 1.00 934  
## y\_diff[33,2] -10.2 0.1 8.2 -0.3 5.7 1.01 1079  
## y\_diff[34,2] -0.5 0.0 0.0 -0.1 0.2 1.00 942  
## y\_diff[35,2] -0.5 0.0 0.0 -0.1 0.2 1.00 864  
## y\_diff[36,2] -0.5 0.0 0.0 -0.1 0.2 1.00 971  
## y\_diff[37,2] -8.1 -0.9 4.6 -1.2 4.0 1.00 1096  
## y\_diff[38,2] -10.0 -0.6 5.9 -1.2 4.9 1.00 1085  
## y\_diff[39,2] -12.2 -1.3 7.2 -1.8 6.0 1.00 1022  
## y\_diff[40,2] -10.1 -0.3 6.3 -0.8 4.9 1.00 916  
## y\_diff[41,2] -4.5 3.8 10.5 3.5 4.8 1.00 906  
## y\_diff[42,2] -5.5 3.2 10.2 2.9 4.8 1.01 1063  
## y\_diff[43,2] -6.3 0.7 5.4 0.3 3.5 1.00 961  
## y\_diff[44,2] -6.7 0.7 5.8 0.2 3.9 1.00 989  
## y\_diff[45,2] -7.5 -0.4 5.3 -0.6 3.8 1.00 895  
## y\_diff[46,2] -7.7 1.2 7.6 0.8 4.8 1.00 982  
## y\_diff[47,2] -6.9 -0.8 3.8 -1.0 3.2 1.00 976  
## y\_diff[48,2] -6.6 -0.1 4.5 -0.4 3.4 1.00 958  
## y\_diff[49,2] -5.6 -0.7 2.2 -1.1 2.5 1.00 1029  
## y\_diff[50,2] -6.7 -0.2 4.2 -0.6 3.2 1.00 972  
## y\_diff[51,2] -4.0 1.5 5.0 1.1 2.9 1.00 815  
## y\_diff[52,2] -4.2 0.2 2.6 -0.2 2.1 1.01 946  
## y\_diff[53,2] -3.4 0.2 2.3 -0.1 1.8 1.00 934  
## y\_diff[54,2] -5.5 1.9 7.1 1.5 3.9 1.00 948  
## y\_diff[55,2] -4.4 -1.0 0.7 -1.3 1.6 1.00 960  
## y\_diff[56,2] -2.1 4.5 9.3 4.3 3.5 1.00 908  
## y\_diff[57,2] -3.0 2.4 6.3 2.2 2.9 1.01 908  
## y\_diff[58,2] -5.4 -1.3 1.2 -1.6 2.0 1.00 995  
## y\_diff[59,2] -4.9 2.9 7.9 2.5 3.9 1.00 891  
## y\_diff[60,2] -4.2 2.8 7.6 2.4 3.7 1.00 949  
## y\_diff[61,2] -1.0 1.5 2.6 1.3 1.2 1.00 1047  
## y\_diff[62,2] -1.3 0.8 1.7 0.6 1.0 1.00 902  
## y\_diff[63,2] -0.4 2.3 3.6 2.0 1.3 1.00 1110  
## y\_diff[64,2] -5.6 -0.2 2.9 -0.6 2.6 1.00 1066  
## y\_diff[65,2] -4.7 3.1 8.6 2.7 4.1 1.00 1031  
## y\_diff[66,2] -7.7 0.7 6.4 0.1 4.3 1.00 883  
## y\_diff[67,2] -2.3 0.1 1.3 -0.1 1.1 1.00 1042  
## y\_diff[68,2] -2.7 -1.0 -0.3 -1.2 0.8 1.01 838  
## y\_diff[69,2] -1.6 2.7 5.1 2.4 2.1 1.00 937  
## y\_diff[70,2] -1.7 0.4 1.5 0.2 1.1 1.01 853  
## y\_diff[71,2] -1.5 1.2 2.4 1.0 1.2 1.00 964  
## y\_diff[72,2] -1.9 1.0 2.3 0.7 1.3 1.00 876  
## y\_diff[73,2] -1.1 2.4 4.0 2.0 1.6 1.00 998  
## y\_diff[74,2] -1.2 1.4 2.4 1.1 1.2 1.00 929  
## y\_diff[75,2] -0.9 2.4 4.0 2.1 1.6 1.00 810  
## y\_diff[76,2] -0.9 -0.1 0.0 -0.2 0.4 1.00 992  
## y\_diff[77,2] -0.9 -0.1 0.0 -0.2 0.3 1.00 1033  
## y\_diff[78,2] -0.9 -0.1 0.0 -0.2 0.3 1.00 1059  
## y\_diff[79,2] -5.6 0.5 4.3 0.0 3.1 1.00 954  
## y\_diff[80,2] -5.9 1.3 6.7 1.0 3.9 1.01 942  
## y\_diff[81,2] -6.3 0.6 5.4 0.2 3.6 1.00 920  
## y\_diff[82,2] -7.6 -0.1 4.4 -0.7 3.7 1.00 898  
## y\_diff[83,2] -4.4 1.0 4.0 0.5 2.6 1.00 1004  
## y\_diff[84,2] -4.3 -1.0 0.7 -1.3 1.6 1.00 1068  
## y\_diff[85,2] -5.0 0.5 4.0 0.2 2.8 1.00 906  
## y\_diff[86,2] -5.4 1.5 5.9 1.0 3.4 1.01 1060  
## y\_diff[87,2] -5.4 2.7 9.2 2.5 4.5 1.00 1089  
## y\_diff[88,2] -2.7 7.4 16.0 7.3 5.8 1.00 916  
## y\_diff[89,2] -5.1 -2.1 -0.7 -2.4 1.5 1.00 1004  
## y\_diff[90,2] -5.6 -2.2 -0.7 -2.5 1.5 1.00 928  
## y\_diff[91,2] 0.0 0.0 0.0 0.0 0.1 1.00 941  
## y\_diff[92,2] 0.0 0.0 0.0 0.0 0.1 1.00 976  
## y\_diff[93,2] 0.0 0.0 0.0 0.0 0.1 1.00 1061  
## y\_diff[94,2] 0.0 0.0 0.0 0.0 0.0 1.00 914  
## y\_diff[95,2] 0.0 0.0 0.0 0.0 0.1 1.00 1099  
## y\_diff[96,2] 0.0 0.0 0.0 0.0 0.1 1.00 967  
## y\_diff[97,2] -0.2 0.0 0.0 0.0 0.1 1.00 1051  
## y\_diff[98,2] 0.0 0.0 0.0 0.0 0.1 1.00 982  
## y\_diff[99,2] 0.0 0.0 0.0 0.0 0.1 1.00 992  
## y\_diff[100,2] 0.0 0.0 0.0 0.0 0.1 1.00 1007  
## y\_diff[101,2] 0.0 0.0 0.0 0.0 0.1 1.00 991  
## y\_diff[102,2] -0.4 0.0 0.0 0.0 0.1 1.00 968  
## y\_diff[103,2] -0.2 0.0 0.0 0.0 0.1 1.00 923  
## y\_diff[104,2] -0.2 0.0 0.0 0.0 0.1 1.00 917  
## y\_diff[105,2] -0.2 0.0 0.0 0.0 0.1 1.00 1067  
## y\_diff[106,2] -0.3 0.0 0.0 0.0 0.1 0.99 936  
## y\_diff[107,2] -0.2 0.0 0.0 0.0 0.1 1.00 998  
## y\_diff[108,2] -0.3 0.0 0.0 0.0 0.1 1.00 957  
## y\_diff[109,2] -0.5 0.0 0.0 -0.1 0.2 1.00 978  
## y\_diff[110,2] -0.3 0.0 0.0 0.0 0.1 1.00 1171  
## y\_diff[111,2] -0.4 0.0 0.0 -0.1 0.2 1.00 912  
## y\_diff[112,2] -0.4 0.0 0.0 -0.1 0.2 1.00 953  
## y\_diff[113,2] -0.4 0.0 0.0 -0.1 0.2 1.00 961  
## y\_diff[114,2] -0.4 0.0 0.0 -0.1 0.2 1.00 1045  
## y\_diff[115,2] -0.7 0.0 0.0 -0.1 0.3 1.00 1145  
## y\_diff[116,2] -0.7 0.0 0.0 -0.1 0.3 1.00 1026  
## y\_diff[117,2] -0.6 0.0 0.0 -0.1 0.2 1.00 1008  
## y\_diff[118,2] -4.7 -1.6 0.0 -1.9 1.5 1.00 1017  
## y\_diff[119,2] -4.7 -1.6 0.0 -1.9 1.5 1.00 1000  
## y\_diff[120,2] -4.8 -2.0 -0.7 -2.3 1.3 1.00 832  
## y\_diff[121,2] -3.0 -0.5 0.6 -0.8 1.1 1.01 951  
## y\_diff[122,2] -1.6 0.6 1.6 0.4 1.0 1.01 880  
## y\_diff[123,2] -1.8 -0.1 0.7 -0.3 0.8 1.00 919  
## y\_diff[124,2] -0.6 0.0 0.0 -0.1 0.2 1.00 1060  
## y\_diff[125,2] -0.7 0.0 0.0 -0.2 0.3 1.00 904  
## y\_diff[126,2] -0.6 0.0 0.0 -0.1 0.2 1.01 1026  
## y\_diff[127,2] -0.7 0.0 0.0 -0.1 0.3 1.00 910  
## y\_diff[128,2] -0.8 0.0 0.0 -0.2 0.3 1.00 1142  
## y\_diff[129,2] -0.7 0.0 0.0 -0.2 0.3 1.00 1010  
## y\_diff[130,2] -6.2 1.8 7.7 1.4 4.4 1.01 968  
## y\_diff[131,2] -6.0 1.1 6.1 0.7 3.7 1.00 1086  
## y\_diff[132,2] -7.7 -1.0 2.7 -1.5 3.2 1.00 1069  
## y\_diff[133,2] -4.9 1.0 5.0 0.7 3.0 1.00 1129  
## y\_diff[134,2] -3.3 2.0 5.9 1.7 2.9 1.00 1113  
## y\_diff[135,2] -4.4 2.3 6.5 1.9 3.3 1.00 1107  
## y\_diff[136,2] -10.1 0.4 9.6 0.1 6.0 1.01 984  
## y\_diff[137,2] -9.1 1.7 10.1 1.2 5.9 1.00 961  
## y\_diff[138,2] -9.3 1.4 9.2 0.9 5.5 1.00 906  
## y\_diff[139,2] -4.4 -0.3 2.0 -0.6 2.0 1.00 958  
## y\_diff[140,2] -4.7 1.7 6.0 1.1 3.5 1.00 1001  
## y\_diff[141,2] -5.7 -0.6 2.6 -0.9 2.6 1.00 1073  
## y\_diff[142,2] -5.5 -0.4 2.0 -0.9 2.3 1.00 992  
## y\_diff[143,2] -4.4 1.3 5.3 1.0 3.0 1.00 960  
## y\_diff[144,2] -3.0 1.4 4.2 1.1 2.2 1.01 864  
## y\_diff[145,2] -0.8 0.0 0.0 -0.2 0.3 1.00 802  
## y\_diff[146,2] -0.8 0.0 0.0 -0.2 0.3 1.00 1101  
## y\_diff[147,2] 0.3 1.0 1.0 0.8 0.3 1.00 925  
## y\_diff[148,2] -3.1 0.3 2.4 0.0 1.7 1.00 1030  
## y\_diff[149,2] -4.9 -1.8 -0.1 -2.0 1.5 1.00 1007  
## y\_diff[150,2] -4.7 -0.4 2.0 -0.7 2.1 1.00 888  
## y\_diff[151,2] -1.9 1.7 3.9 1.4 1.8 1.00 1014  
## y\_diff[152,2] -3.0 -0.3 1.2 -0.5 1.4 1.00 1035  
## y\_diff[153,2] -2.2 0.7 2.2 0.4 1.4 1.00 1002  
## y\_diff[154,2] -7.2 0.2 5.2 -0.1 3.8 1.00 1040  
## y\_diff[155,2] -5.3 2.6 8.8 2.2 4.4 1.00 954  
## y\_diff[156,2] -6.0 -1.1 1.6 -1.5 2.5 1.00 1056  
## y\_diff[157,2] -7.2 -0.5 4.2 -1.0 3.5 1.00 982  
## y\_diff[158,2] -5.9 2.9 8.9 2.4 4.6 1.00 978  
## y\_diff[159,2] -8.6 -0.8 5.0 -1.1 4.0 1.00 795  
## y\_diff[1,3] -0.2 0.0 0.0 0.0 0.1 1.00 978  
## y\_diff[2,3] -0.3 0.0 0.0 0.0 0.1 1.01 1014  
## y\_diff[3,3] -0.3 0.0 0.0 0.0 0.1 0.99 906  
## y\_diff[4,3] -0.4 0.0 0.0 0.0 0.1 1.00 1073  
## y\_diff[5,3] -0.3 0.0 0.0 0.0 0.1 1.00 1026  
## y\_diff[6,3] -0.3 0.0 0.0 0.0 0.1 1.00 1157  
## y\_diff[7,3] -12.2 1.7 13.9 1.5 7.8 1.00 1100  
## y\_diff[8,3] -12.6 0.6 11.4 0.2 7.5 1.00 968  
## y\_diff[9,3] -11.9 0.8 11.4 0.5 6.9 1.00 1013  
## y\_diff[10,3] -6.0 1.1 6.0 0.6 3.7 1.00 963  
## y\_diff[11,3] -8.0 -1.1 3.9 -1.4 3.6 1.00 991  
## y\_diff[12,3] -7.7 -0.6 5.1 -0.9 4.0 1.01 1078  
## y\_diff[13,3] -5.5 1.0 5.8 0.7 3.5 1.01 1058  
## y\_diff[14,3] -7.3 -1.5 2.4 -1.8 2.9 1.00 884  
## y\_diff[15,3] -7.7 -0.7 3.5 -1.2 3.4 1.01 926  
## y\_diff[16,3] -3.6 -0.1 1.7 -0.4 1.7 1.00 1041  
## y\_diff[17,3] -4.4 -1.0 0.8 -1.3 1.6 1.00 906  
## y\_diff[18,3] -3.3 -0.2 1.6 -0.5 1.6 1.00 899  
## y\_diff[19,3] -6.6 0.3 5.6 -0.1 3.9 1.00 939  
## y\_diff[20,3] -6.4 0.7 5.3 0.3 3.7 1.00 939  
## y\_diff[21,3] -6.1 0.2 5.0 -0.1 3.4 1.00 997  
## y\_diff[22,3] -3.0 2.1 5.4 1.7 2.6 1.02 848  
## y\_diff[23,3] -4.1 0.2 2.9 0.0 2.2 1.00 972  
## y\_diff[24,3] -4.2 -1.0 0.8 -1.3 1.6 1.00 798  
## y\_diff[25,3] -5.5 -1.5 0.6 -1.9 1.9 1.00 912  
## y\_diff[26,3] -0.7 3.3 6.0 3.0 2.1 1.00 1025  
## y\_diff[27,3] -4.4 -0.2 2.4 -0.5 2.1 1.00 911  
## y\_diff[28,3] -4.2 0.8 4.4 0.6 2.6 1.00 1062  
## y\_diff[29,3] -2.7 3.0 7.6 2.7 3.1 1.00 1025  
## y\_diff[30,3] -4.8 -1.6 0.0 -1.9 1.5 1.00 926  
## y\_diff[31,3] -9.7 -1.0 5.3 -1.4 4.6 1.01 1036  
## y\_diff[32,3] -7.9 1.4 10.0 1.4 5.5 1.00 996  
## y\_diff[33,3] -9.4 -0.3 6.1 -0.7 4.7 1.00 1002  
## y\_diff[34,3] -0.6 0.0 0.0 -0.1 0.2 1.00 943  
## y\_diff[35,3] -0.5 0.0 0.0 -0.1 0.2 1.00 881  
## y\_diff[36,3] -0.5 0.0 0.0 -0.1 0.2 1.00 892  
## y\_diff[37,3] -8.8 -1.1 4.5 -1.5 4.1 1.00 897  
## y\_diff[38,3] -8.8 -1.5 4.2 -1.7 4.1 1.00 1087  
## y\_diff[39,3] -8.7 -2.1 2.8 -2.4 3.5 1.00 1009  
## y\_diff[40,3] -7.6 -2.4 1.3 -2.6 2.8 1.01 1045  
## y\_diff[41,3] -5.6 6.5 16.3 6.2 6.6 1.00 1018  
## y\_diff[42,3] -5.5 8.1 19.9 7.8 7.8 1.00 964  
## y\_diff[43,3] -7.0 1.2 6.6 0.7 4.2 1.00 901  
## y\_diff[44,3] -6.9 1.2 7.1 0.8 4.3 1.00 885  
## y\_diff[45,3] -7.5 -0.4 4.6 -0.9 3.8 1.01 862  
## y\_diff[46,3] -7.6 1.0 7.3 0.5 4.6 1.00 1047  
## y\_diff[47,3] -7.7 -1.0 3.4 -1.4 3.4 1.00 1002  
## y\_diff[48,3] -7.1 0.4 6.3 0.1 4.1 1.00 1024  
## y\_diff[49,3] -6.5 -0.4 3.5 -0.8 3.1 1.00 951  
## y\_diff[50,3] -6.7 -1.2 2.6 -1.4 2.9 1.00 914  
## y\_diff[51,3] -4.6 0.7 3.9 0.3 2.7 1.00 1140  
## y\_diff[52,3] -5.2 1.2 6.0 0.9 3.4 1.00 933  
## y\_diff[53,3] -4.2 -0.5 1.5 -0.8 1.7 1.00 981  
## y\_diff[54,3] -5.3 -0.9 1.6 -1.3 2.2 1.00 999  
## y\_diff[55,3] -5.3 -0.9 1.8 -1.2 2.2 1.00 962  
## y\_diff[56,3] -3.2 0.5 2.8 0.3 1.8 1.00 948  
## y\_diff[57,3] -3.6 2.5 6.7 2.2 3.1 1.00 1024  
## y\_diff[58,3] -6.2 -0.1 3.8 -0.5 3.2 1.00 992  
## y\_diff[59,3] -4.0 0.2 2.6 -0.1 2.1 1.00 958  
## y\_diff[60,3] -4.1 0.6 3.3 0.2 2.3 1.01 1025  
## y\_diff[61,3] -2.1 -0.6 -0.1 -0.8 0.6 1.00 1012  
## y\_diff[62,3] -1.8 -0.6 -0.2 -0.8 0.6 1.00 964  
## y\_diff[63,3] -1.8 -0.5 -0.1 -0.7 0.6 1.00 1026  
## y\_diff[64,3] -6.6 1.3 6.4 0.8 4.0 1.00 1011  
## y\_diff[65,3] -5.3 2.0 7.3 1.7 3.8 1.00 1013  
## y\_diff[66,3] -8.2 -0.4 5.9 -0.7 4.4 1.00 988  
## y\_diff[67,3] -2.3 0.6 2.1 0.3 1.4 1.00 1058  
## y\_diff[68,3] -2.2 1.1 2.9 0.8 1.7 1.00 887  
## y\_diff[69,3] -2.3 0.3 1.4 0.0 1.2 1.00 1100  
## y\_diff[70,3] -2.3 -0.8 -0.3 -1.0 0.7 1.01 942  
## y\_diff[71,3] -1.9 -0.1 0.7 -0.3 0.8 1.00 862  
## y\_diff[72,3] -1.9 1.4 3.1 1.1 1.6 1.01 1006  
## y\_diff[73,3] -2.4 0.5 2.1 0.3 1.4 1.00 972  
## y\_diff[74,3] -2.2 0.7 2.2 0.4 1.4 1.01 880  
## y\_diff[75,3] -2.3 0.1 1.3 -0.1 1.2 1.00 1009  
## y\_diff[76,3] -1.2 -0.1 0.0 -0.3 0.4 1.00 994  
## y\_diff[77,3] -1.0 -0.1 0.0 -0.3 0.4 1.00 954  
## y\_diff[78,3] -1.0 -0.2 0.0 -0.3 0.4 1.00 1067  
## y\_diff[79,3] -5.5 -0.8 2.2 -1.2 2.4 1.00 953  
## y\_diff[80,3] -5.5 -0.5 2.4 -0.9 2.4 1.00 1082  
## y\_diff[81,3] -7.4 1.0 6.9 0.5 4.4 1.00 1009  
## y\_diff[82,3] -7.2 -0.5 4.1 -0.9 3.5 1.00 1041  
## y\_diff[83,3] -4.7 1.7 5.9 1.3 3.3 1.00 930  
## y\_diff[84,3] -4.9 -0.1 2.6 -0.5 2.3 1.00 1051  
## y\_diff[85,3] -5.0 -0.4 2.8 -0.7 2.5 1.00 983  
## y\_diff[86,3] -5.2 0.3 4.0 -0.1 3.0 1.00 1071  
## y\_diff[87,3] -4.8 0.7 4.7 0.3 3.0 1.00 908  
## y\_diff[88,3] -4.1 2.0 6.0 1.7 3.1 1.00 900  
## y\_diff[89,3] -6.2 -1.6 1.1 -1.9 2.3 1.00 958  
## y\_diff[90,3] -7.2 -2.1 0.3 -2.6 2.3 1.00 991  
## y\_diff[91,3] 0.0 0.0 0.0 0.0 0.1 1.00 913  
## y\_diff[92,3] 0.0 0.0 0.0 0.0 0.1 1.00 938  
## y\_diff[93,3] 0.0 0.0 0.0 0.0 0.0 1.00 1061  
## y\_diff[94,3] 0.0 0.0 0.0 0.0 0.1 1.00 876  
## y\_diff[95,3] 0.0 0.0 0.0 0.0 0.1 1.00 1094  
## y\_diff[96,3] 0.0 0.0 0.0 0.0 0.1 1.00 1010  
## y\_diff[97,3] -0.1 0.0 0.0 0.0 0.1 1.00 1062  
## y\_diff[98,3] 0.0 0.0 0.0 0.0 0.1 1.00 983  
## y\_diff[99,3] 0.0 0.0 0.0 0.0 0.1 1.00 981  
## y\_diff[100,3] 0.0 0.0 0.0 0.0 0.2 1.00 1016  
## y\_diff[101,3] 0.0 0.0 0.0 0.0 0.1 1.00 983  
## y\_diff[102,3] -0.4 0.0 0.0 0.0 0.1 1.00 882  
## y\_diff[103,3] -0.2 0.0 0.0 0.0 0.1 1.00 990  
## y\_diff[104,3] -0.2 0.0 0.0 0.0 0.1 1.00 914  
## y\_diff[105,3] -0.3 0.0 0.0 0.0 0.1 1.00 1073  
## y\_diff[106,3] -0.3 0.0 0.0 0.0 0.1 0.99 930  
## y\_diff[107,3] -0.3 0.0 0.0 0.0 0.1 1.00 992  
## y\_diff[108,3] -0.3 0.0 0.0 0.0 0.1 1.00 1009  
## y\_diff[109,3] -0.5 0.0 0.0 -0.1 0.2 1.00 1011  
## y\_diff[110,3] -0.3 0.0 0.0 0.0 0.1 1.00 1161  
## y\_diff[111,3] -0.4 0.0 0.0 -0.1 0.2 1.00 908  
## y\_diff[112,3] -0.5 0.0 0.0 -0.1 0.2 1.00 964  
## y\_diff[113,3] -0.4 0.0 0.0 -0.1 0.2 1.00 996  
## y\_diff[114,3] -0.4 0.0 0.0 -0.1 0.2 1.00 1051  
## y\_diff[115,3] -0.8 0.0 0.0 -0.1 0.3 1.00 1102  
## y\_diff[116,3] -0.8 0.0 0.0 -0.1 0.3 1.00 1072  
## y\_diff[117,3] -0.6 0.0 0.0 -0.1 0.3 1.00 978  
## y\_diff[118,3] -6.7 0.9 6.1 0.5 4.0 1.00 896  
## y\_diff[119,3] -5.6 3.2 10.0 2.8 4.9 1.00 932  
## y\_diff[120,3] -4.5 1.3 5.1 1.0 3.0 1.01 1041  
## y\_diff[121,3] -3.4 -0.7 0.4 -1.0 1.2 1.00 894  
## y\_diff[122,3] -1.3 1.5 3.3 1.3 1.5 1.00 872  
## y\_diff[123,3] 0.3 4.5 7.2 4.3 2.1 1.00 937  
## y\_diff[124,3] -0.5 0.0 0.0 -0.1 0.2 1.00 1039  
## y\_diff[125,3] -0.6 0.0 0.0 -0.1 0.3 1.00 1011  
## y\_diff[126,3] -0.6 0.0 0.0 -0.1 0.3 1.00 1070  
## y\_diff[127,3] -0.7 0.0 0.0 -0.1 0.3 1.00 897  
## y\_diff[128,3] -0.7 0.0 0.0 -0.2 0.3 1.00 1095  
## y\_diff[129,3] -0.6 0.0 0.0 -0.1 0.2 1.00 979  
## y\_diff[130,3] -6.2 2.0 8.0 1.5 4.5 1.00 956  
## y\_diff[131,3] -6.3 0.4 5.2 0.1 3.6 1.00 962  
## y\_diff[132,3] -7.2 -1.8 1.4 -2.2 2.7 1.00 960  
## y\_diff[133,3] -5.3 0.2 3.6 -0.2 2.7 1.01 1209  
## y\_diff[134,3] -4.1 1.1 4.4 0.7 2.7 1.00 959  
## y\_diff[135,3] -4.1 0.0 2.7 -0.3 2.2 1.00 906  
## y\_diff[136,3] -8.0 -1.5 3.2 -1.8 3.4 1.00 995  
## y\_diff[137,3] -8.8 1.4 9.8 1.0 5.8 1.00 1060  
## y\_diff[138,3] -8.3 -0.4 5.6 -0.8 4.3 1.00 1020  
## y\_diff[139,3] -3.6 4.2 10.2 3.8 4.3 1.00 987  
## y\_diff[140,3] -6.1 1.3 6.0 0.9 3.7 1.00 905  
## y\_diff[141,3] -6.6 0.3 5.5 -0.1 3.8 1.00 970  
## y\_diff[142,3] -5.3 -1.2 0.7 -1.6 2.0 1.00 1055  
## y\_diff[143,3] -4.3 0.7 4.3 0.5 2.7 1.00 978  
## y\_diff[144,3] -2.6 3.2 7.3 2.9 3.1 1.01 930  
## y\_diff[145,3] -0.7 0.0 0.0 -0.2 0.3 1.00 821  
## y\_diff[146,3] -0.7 0.0 0.0 -0.2 0.3 1.00 1045  
## y\_diff[147,3] 0.3 1.0 1.0 0.8 0.3 1.00 870  
## y\_diff[148,3] -3.4 1.9 5.1 1.5 2.6 1.01 828  
## y\_diff[149,3] -5.2 0.4 4.6 0.2 3.1 1.00 1135  
## y\_diff[150,3] -5.0 0.3 3.5 -0.1 2.7 1.00 1031  
## y\_diff[151,3] -2.4 0.6 2.2 0.4 1.4 1.00 1021  
## y\_diff[152,3] -3.2 -0.7 0.5 -1.0 1.2 1.00 1028  
## y\_diff[153,3] -2.4 1.2 2.9 0.9 1.6 1.01 934  
## y\_diff[154,3] -6.9 -0.4 4.3 -0.7 3.5 1.00 959  
## y\_diff[155,3] -5.7 1.5 6.6 1.1 3.8 1.00 1084  
## y\_diff[156,3] -7.4 -0.2 4.8 -0.6 3.8 1.00 885  
## y\_diff[157,3] -10.1 1.7 10.5 1.1 6.1 1.00 1070  
## y\_diff[158,3] -5.9 3.8 10.7 3.2 5.2 1.00 968  
## y\_diff[159,3] -8.2 -1.2 3.5 -1.6 3.6 1.00 926  
## y\_diff[1,4] -0.2 0.0 0.0 0.0 0.1 1.00 994  
## y\_diff[2,4] -0.2 0.0 0.0 0.0 0.1 1.00 991  
## y\_diff[3,4] -0.2 0.0 0.0 0.0 0.1 1.00 988  
## y\_diff[4,4] -0.3 0.0 0.0 0.0 0.1 1.00 1072  
## y\_diff[5,4] -0.2 0.0 0.0 0.0 0.1 1.00 1148  
## y\_diff[6,4] -0.3 0.0 0.0 0.0 0.1 1.00 1148  
## y\_diff[7,4] -11.7 1.0 11.4 0.7 7.1 1.00 1074  
## y\_diff[8,4] -10.1 -0.4 7.8 -0.8 5.8 1.00 959  
## y\_diff[9,4] -13.8 1.6 13.0 0.9 8.2 1.00 994  
## y\_diff[10,4] -6.2 -2.0 0.6 -2.3 2.1 1.00 902  
## y\_diff[11,4] -7.6 -2.7 0.1 -3.1 2.4 1.00 949  
## y\_diff[12,4] -7.2 -2.5 0.7 -2.8 2.5 1.00 1095  
## y\_diff[13,4] -6.0 3.4 11.0 3.1 5.3 1.01 1044  
## y\_diff[14,4] -8.5 -0.5 5.4 -0.9 4.4 1.00 987  
## y\_diff[15,4] -8.0 -0.7 4.8 -1.1 4.0 1.00 990  
## y\_diff[16,4] -3.6 1.4 4.9 1.1 2.7 1.00 1025  
## y\_diff[17,4] -5.0 -1.3 0.5 -1.6 1.7 1.00 1065  
## y\_diff[18,4] -4.6 -1.4 0.0 -1.7 1.4 1.01 866  
## y\_diff[19,4] -8.5 0.7 6.7 0.1 4.6 1.00 932  
## y\_diff[20,4] -7.3 1.4 7.9 1.1 4.6 1.00 907  
## y\_diff[21,4] -7.3 0.5 6.7 0.2 4.3 1.00 949  
## y\_diff[22,4] -3.6 0.1 2.4 -0.2 1.9 1.01 672  
## y\_diff[23,4] -4.5 -1.1 0.6 -1.4 1.6 1.01 965  
## y\_diff[24,4] -3.3 1.3 4.7 1.0 2.5 1.00 1053  
## y\_diff[25,4] -5.6 -0.8 2.6 -1.0 2.5 1.00 1023  
## y\_diff[26,4] -2.2 0.5 2.1 0.3 1.4 1.00 1096  
## y\_diff[27,4] -4.6 -1.6 0.2 -1.8 1.5 1.00 977  
## y\_diff[28,4] -3.8 1.6 5.3 1.3 2.9 1.00 973  
## y\_diff[29,4] -4.5 -0.4 2.3 -0.6 2.1 1.00 993  
## y\_diff[30,4] -5.9 -0.7 2.4 -1.1 2.6 1.00 971  
## y\_diff[31,4] -12.2 -0.5 8.8 -1.0 6.2 1.00 1040  
## y\_diff[32,4] -8.6 -0.1 6.1 -0.6 4.6 1.00 983  
## y\_diff[33,4] -9.1 -1.4 4.3 -1.7 4.1 1.00 985  
## y\_diff[34,4] -0.5 0.0 0.0 -0.1 0.2 1.00 931  
## y\_diff[35,4] -0.5 0.0 0.0 -0.1 0.2 1.00 898  
## y\_diff[36,4] -0.5 0.0 0.0 -0.1 0.2 1.00 911  
## y\_diff[37,4] -10.3 -0.5 6.8 -1.0 5.3 1.00 927  
## y\_diff[38,4] -10.3 -1.4 5.4 -1.7 5.0 1.01 951  
## y\_diff[39,4] -9.7 -2.0 3.4 -2.3 4.0 1.00 856  
## y\_diff[40,4] -9.9 -1.3 4.5 -1.8 4.4 1.00 849  
## y\_diff[41,4] -4.8 6.9 16.5 6.6 6.6 1.00 1136  
## y\_diff[42,4] -7.1 7.5 18.0 6.9 7.4 1.00 1028  
## y\_diff[43,4] -7.0 -0.2 4.4 -0.5 3.4 1.00 964  
## y\_diff[44,4] -6.5 0.8 6.4 0.5 3.8 1.00 1020  
## y\_diff[45,4] -8.6 0.1 6.6 -0.4 4.7 1.00 957  
## y\_diff[46,4] -7.7 0.5 6.8 0.2 4.4 1.00 930  
## y\_diff[47,4] -7.6 -0.6 4.9 -0.9 3.9 1.00 825  
## y\_diff[48,4] -7.9 1.3 8.3 0.7 4.8 1.00 958  
## y\_diff[49,4] -6.8 0.6 6.0 0.2 3.9 1.01 1016  
## y\_diff[50,4] -7.1 0.4 5.7 0.0 3.9 1.00 989  
## y\_diff[51,4] -4.5 0.7 4.2 0.4 2.7 1.00 896  
## y\_diff[52,4] -4.8 -2.2 -0.9 -2.4 1.3 1.00 853  
## y\_diff[53,4] -4.8 0.1 2.9 -0.3 2.4 1.00 941  
## y\_diff[54,4] -5.4 -1.4 1.1 -1.7 2.1 1.00 871  
## y\_diff[55,4] -5.6 -1.1 1.7 -1.5 2.4 1.00 945  
## y\_diff[56,4] -4.1 1.4 4.4 1.0 2.6 1.00 939  
## y\_diff[57,4] -3.6 0.5 3.2 0.3 2.2 1.01 1077  
## y\_diff[58,4] -5.6 -0.4 2.7 -0.9 2.6 1.00 1004  
## y\_diff[59,4] -4.2 0.2 2.7 -0.2 2.2 1.00 1018  
## y\_diff[60,4] -4.2 0.8 3.7 0.4 2.5 1.00 902  
## y\_diff[61,4] -2.0 -0.6 -0.2 -0.8 0.7 1.00 1009  
## y\_diff[62,4] -2.0 -0.7 -0.1 -0.8 0.7 1.00 947  
## y\_diff[63,4] -1.8 -0.6 -0.1 -0.7 0.6 1.00 1071  
## y\_diff[64,4] -6.9 0.1 5.2 -0.2 3.7 1.00 916  
## y\_diff[65,4] -5.3 2.3 8.2 2.0 4.1 1.00 1095  
## y\_diff[66,4] -7.7 -1.1 3.7 -1.5 3.5 1.00 951  
## y\_diff[67,4] -3.1 0.6 2.6 0.3 1.8 1.01 909  
## y\_diff[68,4] -3.0 0.3 1.9 -0.1 1.6 1.00 968  
## y\_diff[69,4] -2.9 -0.6 0.5 -0.8 1.1 1.00 942  
## y\_diff[70,4] -2.4 0.2 1.4 0.0 1.2 1.01 862  
## y\_diff[71,4] -2.0 0.3 1.5 0.1 1.2 1.00 972  
## y\_diff[72,4] -2.9 -1.0 -0.3 -1.3 0.8 1.00 1095  
## y\_diff[73,4] -3.3 -0.8 0.4 -1.0 1.1 1.00 1126  
## y\_diff[74,4] -2.8 -0.2 1.2 -0.4 1.3 1.01 1041  
## y\_diff[75,4] -3.1 0.7 2.8 0.4 1.8 1.00 967  
## y\_diff[76,4] -1.0 -0.1 0.0 -0.2 0.4 1.00 1003  
## y\_diff[77,4] -0.9 -0.1 0.0 -0.2 0.3 1.00 949  
## y\_diff[78,4] -0.9 -0.1 0.0 -0.2 0.3 1.00 1021  
## y\_diff[79,4] -5.7 0.3 4.7 0.0 3.2 1.00 927  
## y\_diff[80,4] -6.0 0.7 5.8 0.4 3.7 1.00 975  
## y\_diff[81,4] -8.3 2.2 10.1 1.7 5.5 1.00 885  
## y\_diff[82,4] -7.6 0.2 6.6 -0.1 4.4 1.00 1085  
## y\_diff[83,4] -5.1 0.6 4.2 0.2 2.9 1.00 1014  
## y\_diff[84,4] -5.4 -0.9 1.8 -1.2 2.2 1.00 915  
## y\_diff[85,4] -5.4 -0.4 2.8 -0.7 2.5 1.00 942  
## y\_diff[86,4] -5.3 0.0 3.5 -0.3 2.7 1.00 995  
## y\_diff[87,4] -5.6 0.4 4.4 0.0 3.1 1.00 960  
## y\_diff[88,4] -4.2 1.6 5.7 1.2 3.0 1.00 1046  
## y\_diff[89,4] -7.1 -1.7 1.1 -2.1 2.5 1.00 978  
## y\_diff[90,4] -7.8 -2.6 0.2 -3.0 2.4 1.00 1030  
## y\_diff[91,4] 0.0 0.0 0.0 0.0 0.1 1.00 929  
## y\_diff[92,4] 0.0 0.0 0.0 0.0 0.1 1.00 955  
## y\_diff[93,4] 0.0 0.0 0.0 0.0 0.1 1.00 1061  
## y\_diff[94,4] 0.0 0.0 0.0 0.0 0.1 1.00 904  
## y\_diff[95,4] 0.0 0.0 0.0 0.0 0.1 1.00 1101  
## y\_diff[96,4] 0.0 0.0 0.0 0.0 0.1 1.00 991  
## y\_diff[97,4] -0.2 0.0 0.0 0.0 0.1 1.00 1053  
## y\_diff[98,4] 0.0 0.0 0.0 0.0 0.1 1.00 974  
## y\_diff[99,4] 0.0 0.0 0.0 0.0 0.1 1.00 995  
## y\_diff[100,4] 0.0 0.0 0.0 0.0 0.2 1.00 1005  
## y\_diff[101,4] 0.0 0.0 0.0 0.0 0.1 1.00 1006  
## y\_diff[102,4] -0.4 0.0 0.0 0.0 0.2 1.00 913  
## y\_diff[103,4] -0.2 0.0 0.0 0.0 0.1 1.00 971  
## y\_diff[104,4] -0.2 0.0 0.0 0.0 0.1 1.00 908  
## y\_diff[105,4] -0.2 0.0 0.0 0.0 0.1 1.00 1064  
## y\_diff[106,4] -0.3 0.0 0.0 0.0 0.1 0.99 939  
## y\_diff[107,4] -0.3 0.0 0.0 0.0 0.1 1.00 995  
## y\_diff[108,4] -0.3 0.0 0.0 0.0 0.1 1.00 981  
## y\_diff[109,4] -0.5 0.0 0.0 -0.1 0.2 1.00 1000  
## y\_diff[110,4] -0.4 0.0 0.0 0.0 0.1 1.00 1186  
## y\_diff[111,4] -0.4 0.0 0.0 -0.1 0.2 1.00 885  
## y\_diff[112,4] -0.4 0.0 0.0 -0.1 0.2 1.00 951  
## y\_diff[113,4] -0.4 0.0 0.0 -0.1 0.2 1.00 912  
## y\_diff[114,4] -0.4 0.0 0.0 -0.1 0.2 1.00 1011  
## y\_diff[115,4] -0.8 0.0 0.0 -0.1 0.3 1.00 1135  
## y\_diff[116,4] -0.8 0.0 0.0 -0.1 0.3 1.00 1077  
## y\_diff[117,4] -0.6 0.0 0.0 -0.1 0.2 1.00 1027  
## y\_diff[118,4] -5.9 0.0 3.7 -0.3 2.9 1.00 895  
## y\_diff[119,4] -4.8 0.2 3.6 -0.1 2.6 1.00 1110  
## y\_diff[120,4] -3.8 4.2 10.3 3.9 4.3 1.00 1017  
## y\_diff[121,4] -2.9 -0.5 0.5 -0.8 1.1 1.01 849  
## y\_diff[122,4] -2.3 -0.8 -0.2 -1.0 0.7 1.00 1091  
## y\_diff[123,4] -2.1 -0.8 -0.2 -1.0 0.6 1.00 1087  
## y\_diff[124,4] -0.5 0.0 0.0 -0.1 0.2 1.00 1021  
## y\_diff[125,4] -0.7 0.0 0.0 -0.2 0.3 1.00 993  
## y\_diff[126,4] -0.6 0.0 0.0 -0.1 0.2 1.00 984  
## y\_diff[127,4] -0.8 0.0 0.0 -0.2 0.3 1.00 939  
## y\_diff[128,4] -0.9 0.0 0.0 -0.2 0.4 1.00 1120  
## y\_diff[129,4] -0.8 0.0 0.0 -0.2 0.3 1.00 1019  
## y\_diff[130,4] -5.8 3.4 10.6 3.0 5.1 1.01 962  
## y\_diff[131,4] -7.1 3.3 11.9 3.0 5.8 1.01 1147  
## y\_diff[132,4] -8.0 -0.9 4.3 -1.2 3.8 1.00 1054  
## y\_diff[133,4] -5.2 0.2 3.8 -0.2 2.8 1.00 1006  
## y\_diff[134,4] -3.7 1.9 5.7 1.5 3.0 1.00 1156  
## y\_diff[135,4] -4.6 1.1 4.4 0.8 2.8 1.01 981  
## y\_diff[136,4] -8.9 0.2 7.5 -0.3 5.2 1.00 998  
## y\_diff[137,4] -9.4 2.0 10.8 1.7 6.2 1.00 1046  
## y\_diff[138,4] -11.3 2.5 14.5 2.1 7.8 1.00 977  
## y\_diff[139,4] -4.3 0.5 3.8 0.2 2.5 1.00 1045  
## y\_diff[140,4] -5.8 0.2 4.0 -0.2 3.0 1.00 952  
## y\_diff[141,4] -5.9 -1.7 1.0 -2.0 2.2 1.00 1118  
## y\_diff[142,4] -5.7 -1.4 0.6 -1.8 2.0 1.00 979  
## y\_diff[143,4] -4.9 -1.4 0.5 -1.7 1.7 1.00 961  
## y\_diff[144,4] -3.0 2.3 6.0 2.0 2.8 1.01 1033  
## y\_diff[145,4] -0.7 0.0 0.0 -0.2 0.3 1.00 800  
## y\_diff[146,4] -0.7 0.0 0.0 -0.2 0.3 1.00 1056  
## y\_diff[147,4] -0.6 0.0 0.0 -0.1 0.2 1.00 899  
## y\_diff[148,4] -3.4 2.1 5.8 1.8 2.8 1.00 909  
## y\_diff[149,4] -5.7 -1.0 1.7 -1.4 2.4 1.00 1104  
## y\_diff[150,4] -5.7 0.7 4.6 0.3 3.2 1.00 902  
## y\_diff[151,4] -2.0 1.2 3.1 0.9 1.6 1.00 1050  
## y\_diff[152,4] -3.3 -1.2 -0.4 -1.5 1.0 1.01 1006  
## y\_diff[153,4] -2.4 0.2 1.4 -0.1 1.2 1.00 966  
## y\_diff[154,4] -6.5 -0.1 4.0 -0.5 3.3 1.00 934  
## y\_diff[155,4] -5.9 2.9 9.3 2.6 4.7 1.00 1000  
## y\_diff[156,4] -7.2 0.0 4.8 -0.4 3.6 1.00 977  
## y\_diff[157,4] -8.3 0.4 6.9 -0.1 4.8 1.01 901  
## y\_diff[158,4] -6.5 3.6 11.8 3.2 5.6 1.00 986  
## y\_diff[159,4] -8.5 -1.6 2.8 -2.1 3.5 1.00 842  
## y\_diff[1,5] -0.2 0.0 0.0 0.0 0.1 1.00 1012  
## y\_diff[2,5] -0.3 0.0 0.0 0.0 0.1 1.00 1035  
## y\_diff[3,5] -0.3 0.0 0.0 0.0 0.1 1.00 897  
## y\_diff[4,5] -0.4 0.0 0.0 0.0 0.2 1.00 1071  
## y\_diff[5,5] -0.3 0.0 0.0 0.0 0.1 1.00 1105  
## y\_diff[6,5] -0.3 0.0 0.0 0.0 0.1 1.00 1099  
## y\_diff[7,5] -13.3 2.2 15.2 1.7 8.8 1.00 1071  
## y\_diff[8,5] -13.9 1.7 14.5 1.3 8.6 1.00 1031  
## y\_diff[9,5] -12.7 1.5 13.2 1.1 8.0 1.00 834  
## y\_diff[10,5] -6.7 2.5 10.3 2.4 5.2 1.00 1028  
## y\_diff[11,5] -9.1 -0.6 6.4 -0.9 4.6 1.00 978  
## y\_diff[12,5] -10.8 1.1 11.2 0.8 6.8 1.00 943  
## y\_diff[13,5] -5.8 2.0 7.3 1.5 4.1 1.00 998  
## y\_diff[14,5] -9.1 -0.5 6.3 -0.8 4.6 1.00 938  
## y\_diff[15,5] -9.8 0.4 7.8 -0.1 5.5 1.00 883  
## y\_diff[16,5] -3.3 0.8 3.6 0.6 2.3 1.00 1084  
## y\_diff[17,5] -5.0 0.7 4.3 0.3 2.8 1.00 1025  
## y\_diff[18,5] -3.4 3.4 7.9 3.0 3.6 1.00 954  
## y\_diff[19,5] -7.2 -0.2 5.5 -0.5 4.1 1.00 940  
## y\_diff[20,5] -7.4 1.4 6.8 0.7 4.3 1.00 869  
## y\_diff[21,5] -6.9 0.7 7.2 0.4 4.5 1.00 1005  
## y\_diff[22,5] -3.3 1.6 4.6 1.2 2.4 1.02 730  
## y\_diff[23,5] -3.8 0.4 3.5 0.2 2.3 1.00 1003  
## y\_diff[24,5] -3.9 0.4 3.5 0.2 2.3 1.00 891  
## y\_diff[25,5] -5.3 -0.3 2.9 -0.7 2.6 1.01 978  
## y\_diff[26,5] -0.7 3.7 6.7 3.5 2.2 1.00 842  
## y\_diff[27,5] -4.1 -0.2 2.4 -0.4 2.0 1.00 920  
## y\_diff[28,5] -4.2 1.6 5.7 1.3 2.9 1.00 965  
## y\_diff[29,5] -3.5 1.5 5.1 1.2 2.6 1.00 1034  
## y\_diff[30,5] -5.8 -0.6 2.4 -0.9 2.5 1.00 986  
## y\_diff[31,5] -12.4 0.1 10.2 -0.5 7.1 1.00 1048  
## y\_diff[32,5] -8.9 5.8 17.8 5.3 8.1 1.00 953  
## y\_diff[33,5] -10.1 -0.4 7.7 -0.7 5.5 1.00 878  
## y\_diff[34,5] -0.6 0.0 0.0 -0.1 0.2 1.00 956  
## y\_diff[35,5] -0.6 0.0 0.0 -0.1 0.2 1.00 957  
## y\_diff[36,5] -0.5 0.0 0.0 -0.1 0.2 1.00 928  
## y\_diff[37,5] -9.7 -1.0 5.3 -1.4 4.6 1.01 1066  
## y\_diff[38,5] -9.9 -1.0 6.2 -1.3 5.0 1.00 956  
## y\_diff[39,5] -12.3 -1.3 6.3 -2.1 5.7 1.01 1044  
## y\_diff[40,5] -10.3 -1.0 6.5 -1.4 5.2 1.01 799  
## y\_diff[41,5] -5.6 8.5 19.6 8.2 7.9 1.00 1092  
## y\_diff[42,5] -5.6 6.1 15.6 5.8 6.5 1.00 922  
## y\_diff[43,5] -7.2 1.7 8.7 1.3 4.9 1.00 924  
## y\_diff[44,5] -7.6 2.5 9.7 1.9 5.3 1.00 955  
## y\_diff[45,5] -8.9 0.3 8.2 -0.1 5.2 1.00 1027  
## y\_diff[46,5] -9.2 2.2 10.2 1.5 6.1 1.00 963  
## y\_diff[47,5] -8.5 -0.6 5.0 -0.9 4.1 1.00 901  
## y\_diff[48,5] -8.5 1.0 7.9 0.4 4.9 1.00 947  
## y\_diff[49,5] -7.3 0.0 4.8 -0.4 3.7 1.00 971  
## y\_diff[50,5] -7.3 0.4 6.1 0.1 4.1 1.00 837  
## y\_diff[51,5] -4.1 3.7 9.1 3.2 3.9 1.00 1059  
## y\_diff[52,5] -5.2 0.6 4.0 0.1 2.8 1.00 850  
## y\_diff[53,5] -4.1 -0.5 1.4 -0.8 1.7 1.00 967  
## y\_diff[54,5] -5.3 -0.1 3.2 -0.5 2.7 1.00 920  
## y\_diff[55,5] -5.8 -0.2 3.4 -0.6 2.8 1.00 942  
## y\_diff[56,5] -2.5 4.4 10.0 4.2 3.9 1.00 958  
## y\_diff[57,5] -3.9 1.3 4.6 0.9 2.6 1.01 891  
## y\_diff[58,5] -6.9 -0.3 3.7 -0.8 3.3 1.00 990  
## y\_diff[59,5] -4.3 -0.2 2.4 -0.5 2.1 1.00 1000  
## y\_diff[60,5] -4.7 -0.3 2.4 -0.6 2.2 1.00 790  
## y\_diff[61,5] -1.9 0.1 0.8 -0.2 0.9 1.01 988  
## y\_diff[62,5] -2.3 -0.7 -0.2 -0.9 0.7 1.00 970  
## y\_diff[63,5] -1.9 -0.6 -0.1 -0.8 0.6 1.00 1003  
## y\_diff[64,5] -6.3 0.3 5.4 0.1 3.6 1.00 1004  
## y\_diff[65,5] -5.7 -0.4 3.1 -0.7 2.7 1.00 945  
## y\_diff[66,5] -6.8 -2.9 -0.7 -3.2 2.0 1.00 937  
## y\_diff[67,5] -3.5 -0.4 1.0 -0.7 1.4 1.00 992  
## y\_diff[68,5] -3.3 0.0 1.8 -0.2 1.6 1.00 925  
## y\_diff[69,5] -3.2 -0.8 0.5 -1.0 1.2 1.00 964  
## y\_diff[70,5] -2.6 0.8 2.8 0.5 1.7 1.00 873  
## y\_diff[71,5] -2.3 1.3 3.0 0.9 1.6 1.00 985  
## y\_diff[72,5] -3.0 0.3 2.0 0.0 1.6 1.00 1031  
## y\_diff[73,5] -3.5 -1.0 0.3 -1.2 1.2 1.01 967  
## y\_diff[74,5] -3.1 -0.4 1.1 -0.6 1.3 1.00 1005  
## y\_diff[75,5] -3.7 -1.5 -0.5 -1.7 1.0 1.01 808  
## y\_diff[76,5] -1.1 -0.1 0.0 -0.3 0.4 1.00 949  
## y\_diff[77,5] 0.5 1.7 2.0 1.6 0.6 1.00 985  
## y\_diff[78,5] -1.0 -0.1 0.0 -0.3 0.3 1.00 968  
## y\_diff[79,5] -5.7 0.1 4.2 -0.3 3.1 1.00 1101  
## y\_diff[80,5] -6.6 1.7 6.6 0.9 4.2 1.00 870  
## y\_diff[81,5] -6.6 -0.5 4.0 -0.9 3.4 1.00 895  
## y\_diff[82,5] -7.3 -0.9 3.6 -1.3 3.4 1.00 951  
## y\_diff[83,5] -4.6 0.4 3.9 0.1 2.6 1.01 976  
## y\_diff[84,5] -5.5 0.2 3.7 -0.2 2.8 1.00 923  
## y\_diff[85,5] -5.4 1.1 5.6 0.7 3.4 1.00 963  
## y\_diff[86,5] -4.9 -0.2 2.4 -0.5 2.3 1.00 934  
## y\_diff[87,5] -4.9 1.6 6.1 1.2 3.4 1.01 933  
## y\_diff[88,5] -2.5 6.9 14.5 6.7 5.3 1.00 970  
## y\_diff[89,5] -5.9 -1.5 0.7 -1.8 2.0 1.00 981  
## y\_diff[90,5] -5.6 -2.3 -0.8 -2.6 1.5 1.00 937  
## y\_diff[91,5] 0.0 0.0 0.0 0.0 0.1 1.00 925  
## y\_diff[92,5] 0.0 0.0 0.0 0.0 0.1 1.00 961  
## y\_diff[93,5] 0.0 0.0 0.0 0.0 0.1 1.00 1061  
## y\_diff[94,5] 0.0 0.0 0.0 0.0 0.1 1.00 895  
## y\_diff[95,5] 0.0 0.0 0.0 0.0 0.1 1.00 1104  
## y\_diff[96,5] 0.0 0.0 0.0 0.0 0.1 1.00 983  
## y\_diff[97,5] -0.1 0.0 0.0 0.0 0.1 1.00 1059  
## y\_diff[98,5] 0.0 0.0 0.0 0.0 0.1 1.00 987  
## y\_diff[99,5] 0.0 0.0 0.0 0.0 0.1 1.00 965  
## y\_diff[100,5] 0.0 0.0 0.0 0.0 0.2 1.00 1027  
## y\_diff[101,5] 0.0 0.0 0.0 0.0 0.1 1.00 988  
## y\_diff[102,5] -0.3 0.0 0.0 0.0 0.1 1.00 960  
## y\_diff[103,5] -0.2 0.0 0.0 0.0 0.1 1.00 852  
## y\_diff[104,5] -0.2 0.0 0.0 0.0 0.1 1.00 930  
## y\_diff[105,5] -0.2 0.0 0.0 0.0 0.1 1.00 1068  
## y\_diff[106,5] -0.3 0.0 0.0 0.0 0.1 0.99 934  
## y\_diff[107,5] -0.2 0.0 0.0 0.0 0.1 1.00 1003  
## y\_diff[108,5] -0.3 0.0 0.0 0.0 0.1 1.00 956  
## y\_diff[109,5] -0.5 0.0 0.0 -0.1 0.2 1.00 1006  
## y\_diff[110,5] -0.4 0.0 0.0 -0.1 0.2 1.00 1148  
## y\_diff[111,5] -0.4 0.0 0.0 -0.1 0.2 1.00 893  
## y\_diff[112,5] -0.4 0.0 0.0 -0.1 0.2 1.00 988  
## y\_diff[113,5] -0.4 0.0 0.0 -0.1 0.2 1.00 964  
## y\_diff[114,5] -0.4 0.0 0.0 -0.1 0.2 1.00 1049  
## y\_diff[115,5] -0.7 0.0 0.0 -0.1 0.3 1.00 1167  
## y\_diff[116,5] -0.7 0.0 0.0 -0.1 0.3 1.00 1040  
## y\_diff[117,5] -0.6 0.0 0.0 -0.1 0.2 1.00 988  
## y\_diff[118,5] -5.3 -0.1 3.0 -0.5 2.6 1.00 893  
## y\_diff[119,5] -4.5 -0.1 2.7 -0.4 2.2 1.01 910  
## y\_diff[120,5] -4.0 2.4 7.0 2.2 3.4 1.01 1027  
## y\_diff[121,5] -3.1 -0.1 1.3 -0.4 1.4 1.00 893  
## y\_diff[122,5] -2.4 -0.8 -0.2 -1.0 0.7 1.00 773  
## y\_diff[123,5] -1.3 1.2 2.4 1.0 1.2 1.00 956  
## y\_diff[124,5] -0.6 0.0 0.0 -0.1 0.3 1.00 1055  
## y\_diff[125,5] -0.7 0.0 0.0 -0.1 0.3 1.00 908  
## y\_diff[126,5] -0.6 0.0 0.0 -0.1 0.2 1.01 1019  
## y\_diff[127,5] -0.7 0.0 0.0 -0.1 0.3 1.00 950  
## y\_diff[128,5] -0.8 0.0 0.0 -0.2 0.3 1.00 1067  
## y\_diff[129,5] -0.7 0.0 0.0 -0.2 0.3 1.00 937  
## y\_diff[130,5] -5.5 1.7 8.0 1.7 4.2 1.00 1018  
## y\_diff[131,5] -6.8 1.5 8.8 1.4 4.8 1.00 962  
## y\_diff[132,5] -7.9 -1.1 3.8 -1.4 3.7 1.01 865  
## y\_diff[133,5] -5.0 -1.5 0.6 -1.7 1.8 1.00 1045  
## y\_diff[134,5] -3.9 0.9 4.0 0.5 2.5 1.00 1053  
## y\_diff[135,5] -4.3 1.7 5.5 1.3 3.1 1.00 1012  
## y\_diff[136,5] -8.6 -0.3 6.0 -0.7 4.6 1.00 889  
## y\_diff[137,5] -8.2 1.6 10.1 1.4 5.8 1.00 1103  
## y\_diff[138,5] -10.8 1.5 11.2 1.0 6.7 1.00 1099  
## y\_diff[139,5] -3.8 0.2 2.7 -0.1 2.1 1.00 976  
## y\_diff[140,5] -4.8 -1.8 -0.1 -2.0 1.4 1.00 965  
## y\_diff[141,5] -6.0 -1.2 1.6 -1.6 2.4 1.00 902  
## y\_diff[142,5] -5.0 -0.7 1.5 -1.1 2.0 1.00 1066  
## y\_diff[143,5] -4.3 1.4 5.3 1.1 3.0 1.01 973  
## y\_diff[144,5] -1.9 5.3 10.2 4.9 3.8 1.01 950  
## y\_diff[145,5] -0.7 0.0 0.0 -0.1 0.3 1.00 758  
## y\_diff[146,5] -0.6 0.0 0.0 -0.1 0.3 1.00 1040  
## y\_diff[147,5] -0.5 0.0 0.0 -0.1 0.2 1.00 875  
## y\_diff[148,5] -2.1 4.9 9.9 4.5 3.7 1.00 970  
## y\_diff[149,5] -5.7 0.5 4.9 0.3 3.2 1.00 1069  
## y\_diff[150,5] -5.3 0.8 4.6 0.4 3.1 1.00 881  
## y\_diff[151,5] -2.6 0.7 2.2 0.4 1.5 1.00 1057  
## y\_diff[152,5] -3.4 0.9 3.4 0.6 2.1 1.00 1017  
## y\_diff[153,5] -2.1 1.8 3.8 1.5 1.8 1.00 944  
## y\_diff[154,5] -6.2 3.0 9.8 2.6 5.0 1.00 1106  
## y\_diff[155,5] -5.2 3.4 9.9 3.0 4.8 1.00 1030  
## y\_diff[156,5] -6.7 -0.1 4.8 -0.5 3.7 1.00 934  
## y\_diff[157,5] -7.8 0.3 5.9 -0.3 4.2 1.01 836  
## y\_diff[158,5] -6.3 3.9 11.7 3.6 5.4 1.00 919  
## y\_diff[159,5] -9.6 -0.6 6.6 -0.8 5.0 1.00 974  
## y\_post\_check[1,1] 0.0 0.0 0.0 0.0 0.1 1.00 1064  
## y\_post\_check[2,1] 0.0 0.0 0.0 0.0 0.2 1.00 860  
## y\_post\_check[3,1] 0.0 0.0 0.0 0.0 0.2 1.00 755  
## y\_post\_check[4,1] 0.0 0.0 0.0 0.0 0.2 1.00 1020  
## y\_post\_check[5,1] 0.0 0.0 0.0 0.0 0.2 1.00 980  
## y\_post\_check[6,1] 0.0 0.0 0.0 0.0 0.2 1.00 1097  
## y\_post\_check[7,1] -12.0 0.0 9.0 -0.3 6.4 1.00 1036  
## y\_post\_check[8,1] -14.0 0.0 12.0 -0.3 7.7 1.00 1020  
## y\_post\_check[9,1] -11.0 0.0 9.0 -0.5 6.2 1.00 1112  
## y\_post\_check[10,1] -10.0 6.0 20.0 6.0 8.9 1.00 1004  
## y\_post\_check[11,1] -13.0 0.0 11.0 -0.2 7.4 1.00 1006  
## y\_post\_check[12,1] -12.0 1.0 11.0 0.0 7.1 1.00 1057  
## y\_post\_check[13,1] -8.0 2.0 9.0 1.8 5.3 1.00 1051  
## y\_post\_check[14,1] -10.0 0.0 9.0 -0.1 6.0 1.00 1023  
## y\_post\_check[15,1] -11.0 0.0 8.0 -0.7 5.8 1.00 964  
## y\_post\_check[16,1] -4.0 0.0 2.0 -0.6 1.9 1.00 1048  
## y\_post\_check[17,1] -5.0 -2.0 0.0 -1.9 1.7 1.00 882  
## y\_post\_check[18,1] -4.0 1.0 5.0 0.8 2.9 1.01 1042  
## y\_post\_check[19,1] -9.0 1.5 9.0 1.0 5.4 1.00 986  
## y\_post\_check[20,1] -7.0 1.0 5.0 0.0 3.8 1.00 1044  
## y\_post\_check[21,1] -6.0 -1.0 1.0 -1.8 2.4 1.00 1244  
## y\_post\_check[22,1] -4.0 0.0 3.0 0.1 2.4 1.01 864  
## y\_post\_check[23,1] -5.0 1.0 5.0 0.5 2.9 1.00 882  
## y\_post\_check[24,1] -5.0 0.0 2.0 -0.6 2.3 1.00 1042  
## y\_post\_check[25,1] -6.0 -1.0 2.0 -1.1 2.5 1.00 1003  
## y\_post\_check[26,1] -3.0 0.0 2.0 0.1 1.6 1.00 1085  
## y\_post\_check[27,1] -5.0 -1.0 1.0 -1.3 1.8 1.01 926  
## y\_post\_check[28,1] -4.0 1.0 5.0 0.7 3.0 1.00 1107  
## y\_post\_check[29,1] -5.0 1.0 4.0 0.2 2.7 1.00 1072  
## y\_post\_check[30,1] -6.0 -1.0 2.0 -1.4 2.5 1.00 973  
## y\_post\_check[31,1] -11.0 -1.0 6.0 -1.7 5.1 1.00 1199  
## y\_post\_check[32,1] -9.0 0.0 8.0 0.0 5.2 1.00 981  
## y\_post\_check[33,1] -10.0 -1.0 6.0 -1.2 5.1 1.00 1038  
## y\_post\_check[34,1] -1.0 0.0 0.0 -0.1 0.2 1.00 903  
## y\_post\_check[35,1] -1.0 0.0 0.0 -0.1 0.3 1.00 1120  
## y\_post\_check[36,1] -1.0 0.0 0.0 -0.1 0.3 0.99 1060  
## y\_post\_check[37,1] -8.0 -2.0 2.0 -2.0 3.1 1.01 1023  
## y\_post\_check[38,1] -8.0 -2.0 2.0 -2.2 3.3 1.00 1071  
## y\_post\_check[39,1] -10.0 -1.0 4.0 -1.8 4.3 1.00 1086  
## y\_post\_check[40,1] -10.0 -1.0 5.0 -1.4 4.6 1.00 913  
## y\_post\_check[41,1] -8.0 5.0 14.0 4.0 6.5 1.00 979  
## y\_post\_check[42,1] -7.0 -1.0 3.0 -1.3 3.0 1.00 905  
## y\_post\_check[43,1] -7.0 1.0 6.0 0.1 4.0 1.01 943  
## y\_post\_check[44,1] -7.0 2.0 10.0 1.4 5.2 1.00 1025  
## y\_post\_check[45,1] -7.0 -1.0 3.0 -1.4 3.0 1.00 954  
## y\_post\_check[46,1] -7.0 0.0 4.0 -0.7 3.4 1.00 949  
## y\_post\_check[47,1] -8.0 0.0 5.0 -0.9 3.8 1.00 983  
## y\_post\_check[48,1] -7.0 1.0 7.0 0.3 4.4 1.00 1075  
## y\_post\_check[49,1] -6.0 1.0 5.0 0.2 3.6 1.01 1011  
## y\_post\_check[50,1] -7.0 -1.0 3.0 -1.2 2.9 1.00 1019  
## y\_post\_check[51,1] -5.0 1.0 5.0 0.9 3.1 1.00 1009  
## y\_post\_check[52,1] -5.0 -2.0 0.0 -1.9 1.7 1.00 960  
## y\_post\_check[53,1] -5.0 -1.0 1.0 -1.2 1.8 1.00 871  
## y\_post\_check[54,1] -6.0 -1.0 2.0 -1.3 2.4 1.00 957  
## y\_post\_check[55,1] -6.0 -1.0 1.0 -1.7 2.1 1.01 880  
## y\_post\_check[56,1] -4.0 0.0 3.0 0.0 2.2 1.00 953  
## y\_post\_check[57,1] -5.0 1.0 4.0 0.5 2.7 1.00 930  
## y\_post\_check[58,1] -6.0 -1.0 2.0 -1.2 2.7 1.00 1086  
## y\_post\_check[59,1] -5.0 0.0 3.0 -0.5 2.4 1.00 1048  
## y\_post\_check[60,1] -5.0 0.0 3.0 0.0 2.6 1.00 1147  
## y\_post\_check[61,1] -2.0 0.0 1.0 0.0 1.2 1.00 977  
## y\_post\_check[62,1] -2.0 0.0 1.0 0.0 1.2 1.00 1014  
## y\_post\_check[63,1] -2.0 0.0 0.0 -0.6 0.8 1.00 904  
## y\_post\_check[64,1] -6.0 1.0 6.0 0.3 3.9 1.00 1068  
## y\_post\_check[65,1] -6.0 1.0 6.0 1.0 3.7 1.00 885  
## y\_post\_check[66,1] -7.0 -1.0 4.0 -0.9 3.6 1.00 1083  
## y\_post\_check[67,1] -4.0 1.0 4.0 0.6 2.3 1.00 890  
## y\_post\_check[68,1] -4.0 0.0 2.0 -0.2 1.8 1.00 1006  
## y\_post\_check[69,1] -4.0 0.0 1.0 -0.6 1.5 1.00 1179  
## y\_post\_check[70,1] -3.0 -1.0 0.0 -1.0 1.2 1.00 1013  
## y\_post\_check[71,1] -3.0 0.0 1.0 -0.3 1.3 1.00 919  
## y\_post\_check[72,1] -3.0 0.0 1.0 -0.4 1.5 1.00 1089  
## y\_post\_check[73,1] -4.0 -1.0 0.0 -1.3 1.4 1.01 963  
## y\_post\_check[74,1] -3.0 1.0 3.0 0.4 2.0 1.00 1074  
## y\_post\_check[75,1] -4.0 0.0 2.0 -0.2 1.8 1.00 912  
## y\_post\_check[76,1] -1.0 0.0 0.0 -0.3 0.6 1.00 969  
## y\_post\_check[77,1] -1.0 0.0 0.0 -0.2 0.5 1.00 992  
## y\_post\_check[78,1] -1.0 0.0 0.0 -0.2 0.5 1.00 1016  
## y\_post\_check[79,1] -7.0 0.0 6.0 0.0 4.3 1.00 926  
## y\_post\_check[80,1] -8.0 0.0 6.0 -0.2 4.3 1.00 1010  
## y\_post\_check[81,1] -9.0 3.0 12.0 2.3 6.4 1.00 963  
## y\_post\_check[82,1] -10.0 1.0 8.0 0.1 5.7 1.01 1125  
## y\_post\_check[83,1] -6.0 0.0 4.0 -0.1 3.4 1.00 905  
## y\_post\_check[84,1] -7.0 1.0 6.0 0.5 4.0 1.00 967  
## y\_post\_check[85,1] -6.0 2.0 7.0 1.4 3.8 1.01 1072  
## y\_post\_check[86,1] -5.0 -1.0 2.0 -0.9 2.2 1.00 987  
## y\_post\_check[87,1] -7.0 2.0 8.0 1.3 4.7 1.00 937  
## y\_post\_check[88,1] -5.0 4.0 10.0 3.5 4.7 1.01 997  
## y\_post\_check[89,1] -6.0 -1.0 2.0 -1.4 2.8 1.00 809  
## y\_post\_check[90,1] -6.0 -2.0 0.0 -2.4 2.0 1.00 1044  
## y\_post\_check[91,1] 0.0 0.0 0.0 0.0 0.1 1.00 845  
## y\_post\_check[92,1] 0.0 0.0 0.0 0.0 0.1 1.00 1043  
## y\_post\_check[93,1] 0.0 0.0 0.0 0.0 0.1 1.00 1040  
## y\_post\_check[94,1] 0.0 0.0 0.0 0.0 0.1 1.00 1038  
## y\_post\_check[95,1] 0.0 0.0 0.0 0.0 0.1 1.00 1045  
## y\_post\_check[96,1] 0.0 0.0 0.0 0.0 0.1 1.00 1040  
## y\_post\_check[97,1] 0.0 0.0 0.0 0.0 0.2 1.00 984  
## y\_post\_check[98,1] 0.0 0.0 0.0 0.0 0.2 1.00 985  
## y\_post\_check[99,1] 0.0 0.0 0.0 0.0 0.2 1.00 1073  
## y\_post\_check[100,1] 0.0 0.0 0.0 0.0 0.2 1.00 1001  
## y\_post\_check[101,1] 0.0 0.0 0.0 0.0 0.2 1.01 1004  
## y\_post\_check[102,1] 0.0 0.0 0.0 0.0 0.1 1.00 847  
## y\_post\_check[103,1] 0.0 0.0 0.0 0.0 0.1 1.00 1028  
## y\_post\_check[104,1] 0.0 0.0 0.0 0.0 0.1 1.00 834  
## y\_post\_check[105,1] 0.0 0.0 0.0 0.0 0.1 1.00 978  
## y\_post\_check[106,1] 0.0 0.0 0.0 0.0 0.2 1.00 1079  
## y\_post\_check[107,1] 0.0 0.0 0.0 0.0 0.1 1.00 1036  
## y\_post\_check[108,1] 0.0 0.0 0.0 0.0 0.1 1.00 971  
## y\_post\_check[109,1] -1.0 0.0 0.0 -0.1 0.3 1.00 973  
## y\_post\_check[110,1] 0.0 0.0 0.0 0.0 0.2 1.00 1097  
## y\_post\_check[111,1] 0.0 0.0 0.0 0.0 0.2 1.00 992  
## y\_post\_check[112,1] 0.0 0.0 0.0 0.0 0.2 1.00 999  
## y\_post\_check[113,1] -1.0 0.0 0.0 -0.1 0.2 1.00 1004  
## y\_post\_check[114,1] -1.0 0.0 0.0 -0.1 0.3 1.00 916  
## y\_post\_check[115,1] -1.0 0.0 0.0 -0.1 0.4 1.00 1158  
## y\_post\_check[116,1] -1.0 0.0 0.0 -0.1 0.4 1.00 1126  
## y\_post\_check[117,1] -1.0 0.0 0.0 -0.1 0.3 1.00 1081  
## y\_post\_check[118,1] -6.0 -2.0 0.0 -2.2 1.9 1.01 1039  
## y\_post\_check[119,1] -6.0 -2.0 0.0 -2.2 1.8 1.00 1085  
## y\_post\_check[120,1] -6.0 -1.0 1.0 -1.7 2.1 1.00 988  
## y\_post\_check[121,1] -4.0 -1.0 0.0 -1.2 1.3 1.00 1077  
## y\_post\_check[122,1] -3.0 -1.0 0.0 -0.9 1.1 1.00 1080  
## y\_post\_check[123,1] -3.0 -1.0 0.0 -0.9 1.0 1.00 945  
## y\_post\_check[124,1] -1.0 0.0 0.0 -0.1 0.3 1.00 975  
## y\_post\_check[125,1] -1.0 0.0 0.0 -0.1 0.4 1.00 997  
## y\_post\_check[126,1] -1.0 0.0 0.0 -0.1 0.4 1.00 1089  
## y\_post\_check[127,1] -1.0 0.0 0.0 -0.1 0.3 1.00 928  
## y\_post\_check[128,1] -1.0 0.0 0.0 -0.1 0.4 1.00 998  
## y\_post\_check[129,1] -1.0 0.0 0.0 -0.1 0.4 1.00 1030  
## y\_post\_check[130,1] -7.0 1.0 6.0 0.1 4.1 1.01 1034  
## y\_post\_check[131,1] -7.0 0.0 5.0 -0.5 3.7 1.01 974  
## y\_post\_check[132,1] -8.0 0.0 6.0 -0.6 4.6 1.00 985  
## y\_post\_check[133,1] -6.0 -2.0 1.0 -2.0 2.2 1.00 1057  
## y\_post\_check[134,1] -5.0 -1.0 1.0 -1.7 2.1 1.00 990  
## y\_post\_check[135,1] -6.0 -1.0 2.0 -0.9 2.5 1.00 854  
## y\_post\_check[136,1] -7.0 -1.0 3.0 -1.7 3.3 1.00 824  
## y\_post\_check[137,1] -7.0 -1.0 3.0 -1.7 3.0 1.00 1062  
## y\_post\_check[138,1] -8.0 -1.0 4.0 -1.5 3.9 1.00 920  
## y\_post\_check[139,1] -5.0 1.0 5.0 0.9 3.2 1.00 928  
## y\_post\_check[140,1] -5.0 0.0 2.0 -0.8 2.4 1.00 968  
## y\_post\_check[141,1] -7.0 0.5 5.0 0.0 3.8 1.00 933  
## y\_post\_check[142,1] -6.0 -1.0 1.0 -1.7 2.1 1.00 1140  
## y\_post\_check[143,1] -6.0 -1.0 2.0 -1.3 2.4 1.00 969  
## y\_post\_check[144,1] -4.0 0.0 3.0 0.0 2.4 1.00 1062  
## y\_post\_check[145,1] -1.0 0.0 0.0 -0.1 0.4 1.00 1000  
## y\_post\_check[146,1] -1.0 0.0 0.0 -0.1 0.4 1.00 1112  
## y\_post\_check[147,1] -1.0 0.0 0.0 -0.1 0.4 1.00 1020  
## y\_post\_check[148,1] -5.0 0.0 3.0 -0.6 2.4 1.01 1033  
## y\_post\_check[149,1] -6.0 -2.0 0.0 -2.5 2.0 1.00 954  
## y\_post\_check[150,1] -6.0 -2.0 0.0 -2.3 1.9 1.00 934  
## y\_post\_check[151,1] -4.0 -1.0 0.0 -1.3 1.3 1.01 968  
## y\_post\_check[152,1] -4.0 -1.0 0.0 -1.4 1.4 1.00 1157  
## y\_post\_check[153,1] -3.0 0.0 2.0 0.0 1.8 1.00 966  
## y\_post\_check[154,1] -8.0 -2.0 2.0 -2.4 3.1 1.00 968  
## y\_post\_check[155,1] -7.0 -1.0 3.0 -1.4 3.0 1.00 961  
## y\_post\_check[156,1] -7.0 -2.0 1.0 -2.6 2.6 1.00 768  
## y\_post\_check[157,1] -9.0 -1.0 5.0 -1.2 4.3 1.00 961  
## y\_post\_check[158,1] -8.0 2.0 9.0 1.2 5.2 1.00 1037  
## y\_post\_check[159,1] -10.0 -2.0 2.0 -2.5 3.5 1.00 1038  
## y\_post\_check[1,2] 0.0 0.0 0.0 0.0 0.1 1.00 1068  
## y\_post\_check[2,2] 0.0 0.0 0.0 0.0 0.2 1.00 963  
## y\_post\_check[3,2] 0.0 0.0 0.0 0.0 0.2 1.00 1085  
## y\_post\_check[4,2] 0.0 0.0 0.0 0.0 0.2 1.00 1026  
## y\_post\_check[5,2] 0.0 0.0 0.0 0.0 0.2 1.00 1056  
## y\_post\_check[6,2] 0.0 0.0 0.0 0.0 0.2 1.00 1030  
## y\_post\_check[7,2] -11.0 -1.0 8.0 -1.0 5.9 1.00 962  
## y\_post\_check[8,2] -11.0 -1.0 6.0 -1.6 5.3 1.01 991  
## y\_post\_check[9,2] -10.0 -1.0 5.0 -1.8 4.6 1.00 936  
## y\_post\_check[10,2] -9.0 4.0 16.0 4.0 7.6 1.01 1045  
## y\_post\_check[11,2] -11.0 -1.0 7.0 -1.2 5.6 1.00 1045  
## y\_post\_check[12,2] -12.0 1.0 13.0 0.5 7.9 1.00 1082  
## y\_post\_check[13,2] -8.0 5.0 16.0 4.5 7.2 1.00 993  
## y\_post\_check[14,2] -12.0 0.0 8.0 -0.9 6.1 1.00 1024  
## y\_post\_check[15,2] -13.0 0.0 10.0 -0.4 6.8 1.00 1016  
## y\_post\_check[16,2] -5.0 1.0 4.0 0.5 2.8 1.00 1072  
## y\_post\_check[17,2] -5.0 0.0 3.0 -0.5 2.7 1.00 935  
## y\_post\_check[18,2] -5.0 1.0 5.0 0.7 3.1 1.00 972  
## y\_post\_check[19,2] -9.0 0.0 5.0 -0.8 4.1 1.00 963  
## y\_post\_check[20,2] -7.0 0.0 5.0 -0.5 3.6 1.00 924  
## y\_post\_check[21,2] -7.0 -1.0 2.0 -1.7 2.9 1.00 1102  
## y\_post\_check[22,2] -5.0 -1.0 1.0 -1.5 1.8 1.00 983  
## y\_post\_check[23,2] -5.0 0.0 3.0 -0.3 2.5 1.00 973  
## y\_post\_check[24,2] -4.0 1.0 5.0 0.5 2.8 1.00 975  
## y\_post\_check[25,2] -6.0 0.0 4.0 -0.7 2.9 1.00 810  
## y\_post\_check[26,2] -3.0 1.0 4.0 0.9 2.1 1.00 1124  
## y\_post\_check[27,2] -5.0 -2.0 0.0 -2.0 1.8 1.00 987  
## y\_post\_check[28,2] -5.0 1.0 4.0 0.3 2.8 1.01 993  
## y\_post\_check[29,2] -4.0 1.0 5.0 0.5 2.8 1.00 1077  
## y\_post\_check[30,2] -6.0 -1.0 1.0 -1.8 2.2 1.00 1024  
## y\_post\_check[31,2] -16.0 1.0 15.0 0.8 9.6 1.00 891  
## y\_post\_check[32,2] -11.0 4.0 15.0 3.1 7.9 1.00 973  
## y\_post\_check[33,2] -12.0 0.0 11.0 -0.1 7.2 1.00 1042  
## y\_post\_check[34,2] -1.0 0.0 0.0 -0.1 0.3 1.00 950  
## y\_post\_check[35,2] -1.0 0.0 0.0 -0.1 0.3 1.00 1076  
## y\_post\_check[36,2] -1.0 0.0 0.0 -0.1 0.3 1.00 1096  
## y\_post\_check[37,2] -12.0 -1.0 7.0 -1.1 5.6 1.00 1045  
## y\_post\_check[38,2] -13.0 -1.0 8.0 -1.5 6.5 1.00 1011  
## y\_post\_check[39,2] -14.0 -1.0 10.0 -1.6 7.3 1.00 1016  
## y\_post\_check[40,2] -12.0 -1.0 9.0 -0.9 6.4 1.00 978  
## y\_post\_check[41,2] -7.0 4.0 13.0 3.5 6.0 1.00 883  
## y\_post\_check[42,2] -9.0 3.0 13.0 3.0 6.4 1.00 1078  
## y\_post\_check[43,2] -8.0 1.0 8.0 0.5 4.8 1.00 912  
## y\_post\_check[44,2] -8.0 1.0 7.0 0.2 5.0 1.00 1086  
## y\_post\_check[45,2] -9.0 0.0 7.0 -0.6 5.1 1.00 998  
## y\_post\_check[46,2] -10.0 1.0 10.0 0.8 6.2 1.00 992  
## y\_post\_check[47,2] -9.0 -1.0 6.0 -1.0 4.5 1.00 1016  
## y\_post\_check[48,2] -9.0 0.0 6.0 -0.4 4.5 1.00 950  
## y\_post\_check[49,2] -8.0 -1.0 3.0 -1.3 3.3 1.00 1039  
## y\_post\_check[50,2] -8.0 0.0 5.0 -0.6 3.9 1.00 932  
## y\_post\_check[51,2] -5.0 2.0 6.0 1.1 3.5 1.00 969  
## y\_post\_check[52,2] -5.0 0.0 4.0 -0.1 2.8 1.00 987  
## y\_post\_check[53,2] -5.0 0.0 3.0 -0.2 2.7 1.00 992  
## y\_post\_check[54,2] -7.0 2.0 9.0 1.6 4.9 1.00 910  
## y\_post\_check[55,2] -5.0 -1.0 2.0 -1.3 2.3 1.00 1067  
## y\_post\_check[56,2] -4.0 5.0 11.0 4.2 4.4 1.00 951  
## y\_post\_check[57,2] -4.0 3.0 8.0 2.3 3.7 1.01 964  
## y\_post\_check[58,2] -7.0 -1.0 2.0 -1.4 2.8 1.00 1032  
## y\_post\_check[59,2] -6.0 3.0 9.0 2.5 4.6 1.00 872  
## y\_post\_check[60,2] -5.0 3.0 9.0 2.4 4.4 1.00 960  
## y\_post\_check[61,2] -2.0 2.0 3.0 1.2 1.6 1.00 971  
## y\_post\_check[62,2] -2.0 1.0 2.0 0.6 1.4 1.00 805  
## y\_post\_check[63,2] -1.0 2.0 4.0 2.0 1.7 1.01 1048  
## y\_post\_check[64,2] -7.0 0.0 4.0 -0.7 3.4 1.00 995  
## y\_post\_check[65,2] -5.0 3.0 10.0 2.7 4.6 1.00 1003  
## y\_post\_check[66,2] -9.0 1.0 8.0 0.2 5.0 1.00 1064  
## y\_post\_check[67,2] -3.0 0.0 2.0 -0.1 1.8 1.00 882  
## y\_post\_check[68,2] -4.0 -1.0 0.0 -1.2 1.3 1.00 961  
## y\_post\_check[69,2] -3.0 3.0 6.0 2.3 2.8 1.00 895  
## y\_post\_check[70,2] -3.0 1.0 2.0 0.2 1.6 1.01 967  
## y\_post\_check[71,2] -2.0 1.0 3.0 1.1 1.6 1.00 1038  
## y\_post\_check[72,2] -3.0 1.0 3.0 0.7 1.9 1.00 955  
## y\_post\_check[73,2] -2.0 2.0 5.0 2.1 2.1 1.00 995  
## y\_post\_check[74,2] -2.0 1.0 3.0 1.1 1.8 1.00 783  
## y\_post\_check[75,2] -2.0 2.0 5.0 2.1 2.2 1.00 941  
## y\_post\_check[76,2] -1.0 0.0 0.0 -0.2 0.5 1.00 1117  
## y\_post\_check[77,2] -1.0 0.0 0.0 -0.2 0.5 1.00 1039  
## y\_post\_check[78,2] -1.0 0.0 0.0 -0.2 0.5 1.00 1010  
## y\_post\_check[79,2] -7.0 0.0 6.0 0.0 4.1 1.00 995  
## y\_post\_check[80,2] -8.0 1.0 8.0 0.9 5.0 1.01 820  
## y\_post\_check[81,2] -8.0 0.0 7.0 0.2 4.8 1.00 942  
## y\_post\_check[82,2] -9.0 0.0 6.0 -0.7 4.7 1.00 1060  
## y\_post\_check[83,2] -6.0 1.0 5.0 0.5 3.3 1.00 1035  
## y\_post\_check[84,2] -5.0 -1.0 2.0 -1.2 2.2 1.00 1122  
## y\_post\_check[85,2] -6.0 1.0 6.0 0.3 3.7 1.00 1039  
## y\_post\_check[86,2] -6.0 1.0 7.0 1.0 4.2 1.00 1000  
## y\_post\_check[87,2] -7.0 3.0 11.0 2.5 5.5 1.00 949  
## y\_post\_check[88,2] -4.0 8.0 18.0 7.4 6.9 1.00 870  
## y\_post\_check[89,2] -6.0 -2.0 0.0 -2.4 2.0 1.00 931  
## y\_post\_check[90,2] -7.0 -2.0 0.0 -2.6 2.1 1.00 978  
## y\_post\_check[91,2] 0.0 0.0 0.0 0.0 0.1 1.00 1028  
## y\_post\_check[92,2] 0.0 0.0 0.0 0.0 0.1 1.00 1054  
## y\_post\_check[93,2] 0.0 0.0 0.0 0.0 0.1 1.00 1045  
## y\_post\_check[94,2] 0.0 0.0 0.0 0.0 0.1 1.00 1036  
## y\_post\_check[95,2] 0.0 0.0 0.0 0.0 0.1 1.00 1045  
## y\_post\_check[96,2] 0.0 0.0 0.0 0.0 0.1 1.00 1015  
## y\_post\_check[97,2] 0.0 0.0 0.0 0.0 0.2 1.00 972  
## y\_post\_check[98,2] 0.0 0.0 0.0 0.0 0.1 1.00 973  
## y\_post\_check[99,2] 0.0 0.0 0.0 0.0 0.2 1.00 989  
## y\_post\_check[100,2] 0.0 0.0 0.0 0.0 0.1 1.00 870  
## y\_post\_check[101,2] 0.0 0.0 0.0 0.0 0.2 1.01 988  
## y\_post\_check[102,2] 0.0 0.0 0.0 0.0 0.2 1.00 971  
## y\_post\_check[103,2] 0.0 0.0 0.0 0.0 0.2 1.00 1047  
## y\_post\_check[104,2] 0.0 0.0 0.0 0.0 0.2 1.00 925  
## y\_post\_check[105,2] 0.0 0.0 0.0 0.0 0.1 1.00 1025  
## y\_post\_check[106,2] 0.0 0.0 0.0 0.0 0.2 1.00 1045  
## y\_post\_check[107,2] 0.0 0.0 0.0 0.0 0.1 1.00 1034  
## y\_post\_check[108,2] 0.0 0.0 0.0 0.0 0.2 1.00 1010  
## y\_post\_check[109,2] -1.0 0.0 0.0 -0.1 0.3 1.00 1106  
## y\_post\_check[110,2] 0.0 0.0 0.0 -0.1 0.2 1.00 1091  
## y\_post\_check[111,2] 0.0 0.0 0.0 -0.1 0.2 1.00 844  
## y\_post\_check[112,2] 0.0 0.0 0.0 -0.1 0.3 1.00 942  
## y\_post\_check[113,2] -1.0 0.0 0.0 -0.1 0.2 1.00 951  
## y\_post\_check[114,2] -1.0 0.0 0.0 -0.1 0.3 1.00 998  
## y\_post\_check[115,2] -1.0 0.0 0.0 -0.1 0.3 1.01 1041  
## y\_post\_check[116,2] -1.0 0.0 0.0 -0.1 0.4 1.01 935  
## y\_post\_check[117,2] -1.0 0.0 0.0 -0.1 0.3 1.00 982  
## y\_post\_check[118,2] -6.0 -1.0 1.0 -1.9 2.3 1.00 976  
## y\_post\_check[119,2] -6.0 -2.0 1.0 -1.9 2.1 1.00 1035  
## y\_post\_check[120,2] -6.0 -2.0 0.0 -2.2 2.0 1.00 997  
## y\_post\_check[121,2] -4.0 0.0 1.0 -0.7 1.6 1.00 1023  
## y\_post\_check[122,2] -3.0 1.0 2.0 0.4 1.5 1.00 1018  
## y\_post\_check[123,2] -3.0 0.0 1.0 -0.3 1.3 1.00 970  
## y\_post\_check[124,2] -1.0 0.0 0.0 -0.1 0.4 1.00 1027  
## y\_post\_check[125,2] -1.0 0.0 0.0 -0.2 0.4 1.00 1018  
## y\_post\_check[126,2] -1.0 0.0 0.0 -0.1 0.4 1.00 1029  
## y\_post\_check[127,2] -1.0 0.0 0.0 -0.1 0.4 1.00 1003  
## y\_post\_check[128,2] -1.0 0.0 0.0 -0.2 0.4 1.00 998  
## y\_post\_check[129,2] -1.0 0.0 0.0 -0.2 0.4 1.00 945  
## y\_post\_check[130,2] -7.0 2.0 9.0 1.5 5.1 1.01 948  
## y\_post\_check[131,2] -8.0 1.0 8.0 0.6 5.0 1.00 1112  
## y\_post\_check[132,2] -9.0 -1.0 5.0 -1.4 4.2 1.00 1087  
## y\_post\_check[133,2] -6.0 1.0 6.0 0.7 3.7 1.00 1261  
## y\_post\_check[134,2] -5.0 2.0 7.0 1.7 3.6 1.00 1155  
## y\_post\_check[135,2] -5.0 2.0 8.0 1.9 4.2 1.01 1010  
## y\_post\_check[136,2] -13.0 1.0 12.0 0.1 7.8 1.00 1064  
## y\_post\_check[137,2] -12.0 1.0 12.0 0.8 7.5 1.00 982  
## y\_post\_check[138,2] -12.0 2.0 12.0 1.0 7.2 1.00 997  
## y\_post\_check[139,2] -6.0 0.0 3.0 -0.6 2.7 1.00 1158  
## y\_post\_check[140,2] -7.0 2.0 8.0 1.1 4.5 1.00 1032  
## y\_post\_check[141,2] -7.0 0.0 4.0 -0.9 3.4 1.00 1063  
## y\_post\_check[142,2] -7.0 -1.0 3.0 -1.0 3.0 1.00 1018  
## y\_post\_check[143,2] -6.0 1.0 7.0 0.9 4.0 1.00 928  
## y\_post\_check[144,2] -4.0 2.0 5.0 1.1 3.1 1.00 887  
## y\_post\_check[145,2] -1.0 0.0 0.0 -0.2 0.4 1.00 1021  
## y\_post\_check[146,2] -1.0 0.0 0.0 -0.2 0.5 1.00 977  
## y\_post\_check[147,2] 0.0 1.0 1.0 0.8 0.4 1.01 827  
## y\_post\_check[148,2] -4.0 1.0 3.0 0.1 2.4 1.00 1008  
## y\_post\_check[149,2] -6.0 -2.0 1.0 -2.1 2.2 1.00 1009  
## y\_post\_check[150,2] -6.0 0.0 3.0 -0.7 2.8 1.00 974  
## y\_post\_check[151,2] -3.0 2.0 5.0 1.4 2.3 1.01 1026  
## y\_post\_check[152,2] -4.0 0.0 2.0 -0.6 2.0 1.00 986  
## y\_post\_check[153,2] -3.0 1.0 3.0 0.4 2.0 1.00 964  
## y\_post\_check[154,2] -8.0 0.0 6.0 -0.1 4.4 1.00 988  
## y\_post\_check[155,2] -7.0 2.0 10.0 2.3 5.3 1.00 906  
## y\_post\_check[156,2] -7.0 -1.0 3.0 -1.5 3.3 1.00 1082  
## y\_post\_check[157,2] -9.0 -1.0 6.0 -1.0 4.6 1.00 900  
## y\_post\_check[158,2] -8.0 3.0 11.0 2.5 5.7 1.01 1052  
## y\_post\_check[159,2] -10.0 -1.0 6.0 -1.2 5.2 1.01 850  
## y\_post\_check[1,3] 0.0 0.0 0.0 0.0 0.2 1.00 1010  
## y\_post\_check[2,3] 0.0 0.0 0.0 0.0 0.2 1.00 941  
## y\_post\_check[3,3] 0.0 0.0 0.0 0.0 0.2 1.00 1081  
## y\_post\_check[4,3] 0.0 0.0 0.0 0.0 0.2 1.00 1059  
## y\_post\_check[5,3] 0.0 0.0 0.0 0.0 0.2 1.00 900  
## y\_post\_check[6,3] 0.0 0.0 0.0 0.0 0.2 1.00 1101  
## y\_post\_check[7,3] -15.0 2.0 17.0 1.3 9.8 1.00 1050  
## y\_post\_check[8,3] -15.0 1.0 15.0 0.2 9.3 1.00 1012  
## y\_post\_check[9,3] -14.0 1.0 14.0 0.8 8.8 1.00 1014  
## y\_post\_check[10,3] -8.0 1.0 8.0 0.6 5.0 1.00 1060  
## y\_post\_check[11,3] -11.0 -1.0 6.0 -1.4 5.0 1.00 1168  
## y\_post\_check[12,3] -11.0 -1.0 7.0 -1.0 5.5 1.00 1021  
## y\_post\_check[13,3] -8.0 1.0 8.0 0.7 4.7 1.00 1058  
## y\_post\_check[14,3] -9.0 -1.0 4.0 -1.6 4.1 1.00 1085  
## y\_post\_check[15,3] -11.0 -1.0 6.0 -1.4 5.0 1.00 994  
## y\_post\_check[16,3] -5.0 0.0 3.0 -0.4 2.2 1.01 1076  
## y\_post\_check[17,3] -5.0 -1.0 2.0 -1.2 2.2 1.00 1008  
## y\_post\_check[18,3] -5.0 0.0 3.0 -0.5 2.3 1.00 895  
## y\_post\_check[19,3] -9.0 0.0 7.0 0.0 5.1 1.00 919  
## y\_post\_check[20,3] -9.0 1.0 7.0 0.3 4.9 1.00 980  
## y\_post\_check[21,3] -8.0 0.0 7.0 0.0 4.3 1.00 994  
## y\_post\_check[22,3] -4.0 2.0 6.0 1.7 3.0 1.02 883  
## y\_post\_check[23,3] -5.0 0.0 4.0 -0.1 2.7 1.00 998  
## y\_post\_check[24,3] -5.0 -1.0 2.0 -1.4 2.2 1.01 844  
## y\_post\_check[25,3] -6.0 -1.0 1.0 -1.9 2.5 1.00 975  
## y\_post\_check[26,3] -1.0 3.0 7.0 3.0 2.6 1.00 1057  
## y\_post\_check[27,3] -5.0 0.0 3.0 -0.4 2.5 1.00 907  
## y\_post\_check[28,3] -5.0 1.0 5.0 0.5 3.1 1.01 1075  
## y\_post\_check[29,3] -3.0 3.0 8.0 2.7 3.5 1.00 1022  
## y\_post\_check[30,3] -6.0 -2.0 1.0 -2.0 2.1 1.00 943  
## y\_post\_check[31,3] -12.0 -1.0 8.0 -1.7 6.1 1.01 1048  
## y\_post\_check[32,3] -10.0 2.0 12.0 1.5 6.9 1.00 975  
## y\_post\_check[33,3] -11.0 0.0 8.0 -0.7 6.0 1.00 932  
## y\_post\_check[34,3] -1.0 0.0 0.0 -0.1 0.3 1.01 939  
## y\_post\_check[35,3] -1.0 0.0 0.0 -0.1 0.3 1.00 933  
## y\_post\_check[36,3] -1.0 0.0 0.0 -0.1 0.3 1.00 962  
## y\_post\_check[37,3] -11.0 -1.0 7.0 -1.4 5.4 1.00 923  
## y\_post\_check[38,3] -11.0 -1.0 6.0 -1.7 5.4 1.00 1142  
## y\_post\_check[39,3] -11.0 -2.0 4.0 -2.5 4.8 1.00 941  
## y\_post\_check[40,3] -10.0 -2.0 3.0 -2.7 4.0 1.00 1029  
## y\_post\_check[41,3] -7.0 7.0 18.0 6.3 7.7 1.00 999  
## y\_post\_check[42,3] -8.0 8.0 22.0 7.6 9.1 1.00 918  
## y\_post\_check[43,3] -8.0 1.0 9.0 0.7 5.2 1.00 973  
## y\_post\_check[44,3] -9.0 1.0 9.0 0.7 5.4 1.00 890  
## y\_post\_check[45,3] -10.0 0.0 6.0 -0.9 5.1 1.01 920  
## y\_post\_check[46,3] -10.0 1.0 10.0 0.4 5.9 1.00 1036  
## y\_post\_check[47,3] -10.0 -1.0 5.0 -1.4 4.6 1.00 1041  
## y\_post\_check[48,3] -9.0 0.0 8.0 0.1 5.2 1.00 1048  
## y\_post\_check[49,3] -8.0 0.0 5.0 -0.8 3.9 1.00 1001  
## y\_post\_check[50,3] -8.0 -1.0 4.0 -1.5 3.7 1.01 823  
## y\_post\_check[51,3] -6.0 1.0 5.0 0.3 3.5 1.00 1115  
## y\_post\_check[52,3] -7.0 1.0 7.0 0.8 4.4 1.00 950  
## y\_post\_check[53,3] -5.0 0.0 2.0 -0.8 2.4 1.00 919  
## y\_post\_check[54,3] -7.0 -1.0 3.0 -1.2 3.1 1.00 889  
## y\_post\_check[55,3] -7.0 -1.0 3.0 -1.1 3.0 1.00 1188  
## y\_post\_check[56,3] -5.0 1.0 4.0 0.3 2.7 1.00 986  
## y\_post\_check[57,3] -5.0 3.0 8.0 2.3 4.1 1.00 954  
## y\_post\_check[58,3] -7.0 0.0 5.0 -0.5 3.8 1.00 900  
## y\_post\_check[59,3] -5.0 0.0 4.0 0.0 2.9 1.00 822  
## y\_post\_check[60,3] -5.0 1.0 5.0 0.3 3.1 1.00 983  
## y\_post\_check[61,3] -3.0 0.0 0.0 -0.8 1.1 1.00 1106  
## y\_post\_check[62,3] -3.0 0.0 0.0 -0.8 1.0 1.00 1058  
## y\_post\_check[63,3] -2.0 0.0 0.0 -0.7 0.9 1.00 1006  
## y\_post\_check[64,3] -8.0 1.0 7.0 0.7 4.6 1.00 1000  
## y\_post\_check[65,3] -7.0 2.0 8.0 1.6 4.5 1.00 943  
## y\_post\_check[66,3] -9.0 -1.0 7.0 -0.8 5.0 1.00 955  
## y\_post\_check[67,3] -3.0 1.0 3.0 0.4 2.0 1.00 981  
## y\_post\_check[68,3] -4.0 1.0 4.0 0.8 2.3 1.00 828  
## y\_post\_check[69,3] -3.0 0.0 2.0 -0.1 1.8 1.00 1047  
## y\_post\_check[70,3] -3.0 -1.0 0.0 -1.0 1.2 1.00 923  
## y\_post\_check[71,3] -3.0 0.0 1.0 -0.2 1.3 1.00 913  
## y\_post\_check[72,3] -3.0 2.0 4.0 1.1 2.2 1.01 990  
## y\_post\_check[73,3] -4.0 1.0 3.0 0.3 2.1 1.00 1041  
## y\_post\_check[74,3] -3.0 1.0 3.0 0.5 2.0 1.00 963  
## y\_post\_check[75,3] -3.0 0.0 2.0 -0.2 1.8 1.00 1004  
## y\_post\_check[76,3] -1.0 0.0 0.0 -0.3 0.6 1.00 936  
## y\_post\_check[77,3] -1.0 0.0 0.0 -0.3 0.5 1.00 1040  
## y\_post\_check[78,3] -1.0 0.0 0.0 -0.3 0.6 1.00 1104  
## y\_post\_check[79,3] -7.0 -1.0 3.0 -1.3 3.3 1.00 1051  
## y\_post\_check[80,3] -8.0 0.0 4.0 -0.8 3.6 1.00 1102  
## y\_post\_check[81,3] -10.0 1.0 8.0 0.3 5.4 1.00 995  
## y\_post\_check[82,3] -9.0 0.0 6.0 -0.8 4.7 1.00 1030  
## y\_post\_check[83,3] -6.0 2.0 7.0 1.3 4.1 1.00 1047  
## y\_post\_check[84,3] -6.0 0.0 4.0 -0.4 2.9 1.01 986  
## y\_post\_check[85,3] -7.0 0.0 4.0 -0.7 3.4 1.00 1025  
## y\_post\_check[86,3] -7.0 0.0 5.0 -0.2 3.9 1.00 1074  
## y\_post\_check[87,3] -7.0 1.0 6.0 0.3 4.0 1.00 954  
## y\_post\_check[88,3] -5.0 2.0 8.0 1.8 4.1 1.00 959  
## y\_post\_check[89,3] -7.0 -2.0 2.0 -1.9 2.8 1.00 1012  
## y\_post\_check[90,3] -8.0 -2.0 1.0 -2.6 3.0 1.00 938  
## y\_post\_check[91,3] 0.0 0.0 0.0 0.0 0.1 1.00 1042  
## y\_post\_check[92,3] 0.0 0.0 0.0 0.0 0.1 1.00 1052  
## y\_post\_check[93,3] 0.0 0.0 0.0 0.0 0.1 1.00 1031  
## y\_post\_check[94,3] 0.0 0.0 0.0 0.0 0.1 1.00 856  
## y\_post\_check[95,3] 0.0 0.0 0.0 0.0 0.1 1.00 1051  
## y\_post\_check[96,3] 0.0 0.0 0.0 0.0 0.1 1.00 1054  
## y\_post\_check[97,3] 0.0 0.0 0.0 0.0 0.2 1.00 1069  
## y\_post\_check[98,3] 0.0 0.0 0.0 0.0 0.2 1.00 1078  
## y\_post\_check[99,3] 0.0 0.0 0.0 0.0 0.2 1.00 983  
## y\_post\_check[100,3] 0.0 0.0 0.0 0.0 0.2 1.00 953  
## y\_post\_check[101,3] 0.0 0.0 0.0 0.0 0.2 1.00 1025  
## y\_post\_check[102,3] 0.0 0.0 0.0 0.0 0.2 1.01 961  
## y\_post\_check[103,3] 0.0 0.0 0.0 0.0 0.2 1.00 838  
## y\_post\_check[104,3] 0.0 0.0 0.0 0.0 0.2 1.00 835  
## y\_post\_check[105,3] 0.0 0.0 0.0 0.0 0.2 1.00 823  
## y\_post\_check[106,3] 0.0 0.0 0.0 0.0 0.2 1.00 949  
## y\_post\_check[107,3] 0.0 0.0 0.0 0.0 0.2 1.00 992  
## y\_post\_check[108,3] 0.0 0.0 0.0 0.0 0.2 1.00 1101  
## y\_post\_check[109,3] -1.0 0.0 0.0 -0.1 0.3 1.00 940  
## y\_post\_check[110,3] 0.0 0.0 0.0 0.0 0.2 1.00 1016  
## y\_post\_check[111,3] -1.0 0.0 0.0 -0.1 0.3 1.00 1009  
## y\_post\_check[112,3] -1.0 0.0 0.0 -0.1 0.3 1.00 1101  
## y\_post\_check[113,3] -1.0 0.0 0.0 -0.1 0.3 1.00 1091  
## y\_post\_check[114,3] -1.0 0.0 0.0 -0.1 0.3 1.00 1060  
## y\_post\_check[115,3] -1.0 0.0 0.0 -0.1 0.4 1.00 1069  
## y\_post\_check[116,3] -1.0 0.0 0.0 -0.1 0.4 1.00 1120  
## y\_post\_check[117,3] -1.0 0.0 0.0 -0.1 0.3 1.00 1006  
## y\_post\_check[118,3] -7.0 1.0 7.0 0.6 4.6 1.00 919  
## y\_post\_check[119,3] -7.0 3.0 11.0 2.8 5.6 1.00 976  
## y\_post\_check[120,3] -6.0 1.0 7.0 1.0 3.8 1.01 940  
## y\_post\_check[121,3] -4.0 -1.0 1.0 -1.0 1.7 1.01 987  
## y\_post\_check[122,3] -2.0 2.0 4.0 1.3 1.9 1.00 1022  
## y\_post\_check[123,3] 0.0 5.0 8.0 4.3 2.6 1.00 972  
## y\_post\_check[124,3] -1.0 0.0 0.0 -0.1 0.3 1.00 983  
## y\_post\_check[125,3] -1.0 0.0 0.0 -0.1 0.4 1.00 1025  
## y\_post\_check[126,3] -1.0 0.0 0.0 -0.1 0.4 1.00 895  
## y\_post\_check[127,3] -1.0 0.0 0.0 -0.2 0.4 1.00 1049  
## y\_post\_check[128,3] -1.0 0.0 0.0 -0.2 0.4 1.00 1055  
## y\_post\_check[129,3] -1.0 0.0 0.0 -0.2 0.5 1.00 1046  
## y\_post\_check[130,3] -8.0 2.0 9.0 1.5 5.1 1.00 1008  
## y\_post\_check[131,3] -7.0 1.0 7.0 0.3 4.5 1.00 1182  
## y\_post\_check[132,3] -9.0 -2.0 3.0 -2.2 3.6 1.00 1092  
## y\_post\_check[133,3] -6.0 0.0 5.0 -0.1 3.3 1.00 1057  
## y\_post\_check[134,3] -6.0 1.0 6.0 0.7 3.5 1.00 946  
## y\_post\_check[135,3] -6.0 0.0 4.0 -0.2 2.9 1.00 964  
## y\_post\_check[136,3] -10.0 -1.0 5.0 -1.8 4.9 1.00 939  
## y\_post\_check[137,3] -12.0 1.0 12.0 0.9 7.3 1.00 1064  
## y\_post\_check[138,3] -11.0 -1.0 8.0 -1.2 6.1 1.00 1157  
## y\_post\_check[139,3] -5.0 4.0 11.0 4.0 4.9 1.00 1005  
## y\_post\_check[140,3] -7.0 1.0 8.0 0.9 4.6 1.00 910  
## y\_post\_check[141,3] -8.0 0.0 7.0 -0.1 4.5 1.00 959  
## y\_post\_check[142,3] -7.0 -1.0 2.0 -1.7 2.6 1.00 941  
## y\_post\_check[143,3] -6.0 1.0 6.0 0.5 3.6 1.00 1026  
## y\_post\_check[144,3] -4.0 3.0 9.0 2.9 3.9 1.00 945  
## y\_post\_check[145,3] -1.0 0.0 0.0 -0.2 0.4 1.00 858  
## y\_post\_check[146,3] -1.0 0.0 0.0 -0.1 0.4 1.00 955  
## y\_post\_check[147,3] 0.0 1.0 1.0 0.8 0.4 1.00 903  
## y\_post\_check[148,3] -4.0 2.0 6.0 1.5 3.2 1.01 901  
## y\_post\_check[149,3] -6.0 0.0 5.0 0.1 3.7 1.00 1118  
## y\_post\_check[150,3] -6.0 0.0 5.0 0.0 3.5 1.00 1075  
## y\_post\_check[151,3] -3.0 1.0 3.0 0.4 1.9 1.00 960  
## y\_post\_check[152,3] -4.0 -1.0 1.0 -1.0 1.8 1.00 922  
## y\_post\_check[153,3] -3.0 1.0 4.0 0.8 2.1 1.00 1026  
## y\_post\_check[154,3] -8.0 0.0 6.0 -0.8 4.2 1.00 1018  
## y\_post\_check[155,3] -7.0 1.0 8.0 1.0 4.8 1.00 1050  
## y\_post\_check[156,3] -9.0 0.0 7.0 -0.7 4.7 1.00 911  
## y\_post\_check[157,3] -11.0 1.0 12.0 1.1 7.2 1.00 1065  
## y\_post\_check[158,3] -7.0 4.0 12.0 3.1 6.3 1.00 1016  
## y\_post\_check[159,3] -10.0 -1.0 6.0 -1.5 4.7 1.00 904  
## y\_post\_check[1,4] 0.0 0.0 0.0 0.0 0.2 1.00 1074  
## y\_post\_check[2,4] 0.0 0.0 0.0 0.0 0.2 1.00 1081  
## y\_post\_check[3,4] 0.0 0.0 0.0 0.0 0.2 1.00 1044  
## y\_post\_check[4,4] 0.0 0.0 0.0 0.0 0.2 1.00 921  
## y\_post\_check[5,4] 0.0 0.0 0.0 0.0 0.2 1.00 1074  
## y\_post\_check[6,4] 0.0 0.0 0.0 0.0 0.2 1.00 1087  
## y\_post\_check[7,4] -16.0 1.0 15.0 0.6 9.3 1.00 1147  
## y\_post\_check[8,4] -14.0 0.0 11.0 -0.7 7.6 1.00 939  
## y\_post\_check[9,4] -17.0 2.0 16.0 1.2 10.2 1.00 982  
## y\_post\_check[10,4] -8.0 -2.0 2.0 -2.3 3.1 1.00 960  
## y\_post\_check[11,4] -9.0 -2.0 2.0 -2.9 3.4 1.00 1064  
## y\_post\_check[12,4] -9.0 -2.0 2.0 -2.7 3.6 1.00 1016  
## y\_post\_check[13,4] -8.0 3.0 13.0 2.9 6.6 1.01 1023  
## y\_post\_check[14,4] -11.0 0.0 8.0 -0.8 6.0 1.00 949  
## y\_post\_check[15,4] -11.0 -1.0 7.0 -1.1 5.4 1.00 1008  
## y\_post\_check[16,4] -5.0 1.0 6.0 1.1 3.2 1.00 1045  
## y\_post\_check[17,4] -6.0 -1.0 2.0 -1.7 2.5 1.01 1051  
## y\_post\_check[18,4] -6.0 -1.0 1.0 -1.7 2.1 1.00 1056  
## y\_post\_check[19,4] -9.0 1.0 9.0 0.3 5.7 1.00 956  
## y\_post\_check[20,4] -9.0 1.0 10.0 1.1 5.6 1.01 898  
## y\_post\_check[21,4] -9.0 1.0 8.0 0.0 5.4 1.00 916  
## y\_post\_check[22,4] -5.0 0.0 3.0 -0.2 2.4 1.01 918  
## y\_post\_check[23,4] -5.0 -1.0 2.0 -1.4 2.2 1.01 917  
## y\_post\_check[24,4] -4.0 1.0 5.0 1.0 3.0 1.00 1056  
## y\_post\_check[25,4] -7.0 -1.0 3.0 -1.1 3.0 1.00 1088  
## y\_post\_check[26,4] -3.0 1.0 3.0 0.4 1.9 1.00 1055  
## y\_post\_check[27,4] -6.0 -2.0 1.0 -1.9 2.1 1.00 963  
## y\_post\_check[28,4] -4.0 1.0 6.0 1.3 3.2 1.00 978  
## y\_post\_check[29,4] -5.0 0.0 3.0 -0.6 2.6 1.00 1070  
## y\_post\_check[30,4] -7.0 -1.0 3.0 -1.0 3.2 1.00 1014  
## y\_post\_check[31,4] -15.0 -1.0 10.0 -1.3 7.6 1.00 1009  
## y\_post\_check[32,4] -11.0 0.0 8.0 -0.6 5.8 1.00 990  
## y\_post\_check[33,4] -11.0 -1.0 6.0 -1.7 5.4 1.00 1030  
## y\_post\_check[34,4] -1.0 0.0 0.0 -0.1 0.3 1.00 1025  
## y\_post\_check[35,4] -1.0 0.0 0.0 -0.1 0.3 1.00 1085  
## y\_post\_check[36,4] -1.0 0.0 0.0 -0.1 0.3 1.00 1081  
## y\_post\_check[37,4] -13.0 -1.0 9.0 -1.1 6.8 1.00 985  
## y\_post\_check[38,4] -13.0 -1.0 8.0 -1.6 6.4 1.00 873  
## y\_post\_check[39,4] -13.0 -2.0 5.0 -2.5 5.3 1.01 957  
## y\_post\_check[40,4] -12.0 -1.0 6.0 -1.8 5.8 1.00 1018  
## y\_post\_check[41,4] -7.0 7.0 19.0 6.6 8.0 1.00 1077  
## y\_post\_check[42,4] -10.0 7.0 20.0 6.8 9.0 1.00 998  
## y\_post\_check[43,4] -9.0 0.0 6.0 -0.6 4.7 1.00 1071  
## y\_post\_check[44,4] -8.0 1.0 8.0 0.4 5.1 1.00 1062  
## y\_post\_check[45,4] -11.0 0.0 9.0 -0.4 6.1 1.00 1000  
## y\_post\_check[46,4] -9.0 0.0 9.0 0.2 5.8 1.00 982  
## y\_post\_check[47,4] -10.0 -1.0 7.0 -1.0 5.1 1.00 959  
## y\_post\_check[48,4] -10.0 1.0 10.0 0.8 5.9 1.00 980  
## y\_post\_check[49,4] -8.0 1.0 7.0 0.2 4.6 1.01 972  
## y\_post\_check[50,4] -8.0 0.0 6.0 0.0 4.4 1.00 991  
## y\_post\_check[51,4] -6.0 1.0 5.0 0.3 3.5 1.00 972  
## y\_post\_check[52,4] -6.0 -2.0 0.0 -2.4 2.0 1.00 919  
## y\_post\_check[53,4] -6.0 0.0 4.0 -0.2 3.3 1.00 988  
## y\_post\_check[54,4] -7.0 -1.0 2.0 -1.8 2.9 1.00 995  
## y\_post\_check[55,4] -7.0 -1.0 3.0 -1.5 3.1 1.00 1024  
## y\_post\_check[56,4] -6.0 1.0 6.0 1.0 3.6 1.00 1038  
## y\_post\_check[57,4] -5.0 1.0 5.0 0.4 3.0 1.01 1101  
## y\_post\_check[58,4] -7.0 0.0 4.0 -0.8 3.3 1.00 972  
## y\_post\_check[59,4] -6.0 0.0 4.0 -0.3 3.0 1.00 1000  
## y\_post\_check[60,4] -5.0 1.0 5.0 0.4 3.2 1.00 908  
## y\_post\_check[61,4] -3.0 0.0 0.0 -0.8 1.0 1.01 838  
## y\_post\_check[62,4] -3.0 -1.0 0.0 -0.9 1.0 1.00 1018  
## y\_post\_check[63,4] -2.0 0.0 0.0 -0.7 0.9 1.00 1075  
## y\_post\_check[64,4] -8.0 0.0 6.0 -0.3 4.4 1.00 1007  
## y\_post\_check[65,4] -6.0 2.0 9.0 2.0 4.7 1.00 1280  
## y\_post\_check[66,4] -9.0 -1.0 5.0 -1.5 4.3 1.00 913  
## y\_post\_check[67,4] -4.0 1.0 4.0 0.4 2.4 1.00 842  
## y\_post\_check[68,4] -5.0 0.0 3.0 -0.2 2.3 1.00 1050  
## y\_post\_check[69,4] -4.0 0.0 1.0 -0.8 1.6 1.00 985  
## y\_post\_check[70,4] -3.0 0.0 2.0 0.0 1.7 1.01 957  
## y\_post\_check[71,4] -3.0 0.0 2.0 0.1 1.7 1.00 893  
## y\_post\_check[72,4] -4.0 -1.0 0.0 -1.2 1.4 1.00 1046  
## y\_post\_check[73,4] -5.0 -1.0 1.0 -1.1 1.8 1.00 1060  
## y\_post\_check[74,4] -4.0 0.0 2.0 -0.5 2.0 1.00 1012  
## y\_post\_check[75,4] -4.0 1.0 4.0 0.5 2.4 1.00 1051  
## y\_post\_check[76,4] -1.0 0.0 0.0 -0.2 0.5 1.00 999  
## y\_post\_check[77,4] -1.0 0.0 0.0 -0.2 0.5 1.00 969  
## y\_post\_check[78,4] -1.0 0.0 0.0 -0.3 0.5 1.00 974  
## y\_post\_check[79,4] -8.0 0.0 6.0 0.0 4.4 1.01 995  
## y\_post\_check[80,4] -9.0 1.0 8.0 0.3 4.9 1.00 918  
## y\_post\_check[81,4] -10.0 2.0 12.0 1.8 6.5 1.00 976  
## y\_post\_check[82,4] -11.0 0.0 8.0 -0.3 5.8 1.00 1004  
## y\_post\_check[83,4] -7.0 1.0 5.0 0.1 3.8 1.00 1024  
## y\_post\_check[84,4] -7.0 -1.0 3.0 -1.2 3.0 1.00 1046  
## y\_post\_check[85,4] -7.0 0.0 4.0 -0.7 3.5 1.00 1057  
## y\_post\_check[86,4] -7.0 0.0 5.0 -0.3 3.6 1.00 972  
## y\_post\_check[87,4] -7.0 0.0 6.0 -0.1 4.2 1.00 920  
## y\_post\_check[88,4] -6.0 2.0 7.0 1.3 4.1 1.00 921  
## y\_post\_check[89,4] -8.0 -2.0 2.0 -2.1 3.1 1.00 925  
## y\_post\_check[90,4] -9.0 -3.0 1.0 -3.1 3.0 1.00 1128  
## y\_post\_check[91,4] 0.0 0.0 0.0 0.0 0.1 1.00 1047  
## y\_post\_check[92,4] 0.0 0.0 0.0 0.0 0.1 1.00 916  
## y\_post\_check[93,4] 0.0 0.0 0.0 0.0 0.1 1.00 1035  
## y\_post\_check[94,4] 0.0 0.0 0.0 0.0 0.1 1.00 1049  
## y\_post\_check[95,4] 0.0 0.0 0.0 0.0 0.1 1.00 1040  
## y\_post\_check[96,4] 0.0 0.0 0.0 0.0 0.1 1.00 1038  
## y\_post\_check[97,4] 0.0 0.0 0.0 0.0 0.2 1.00 965  
## y\_post\_check[98,4] 0.0 0.0 0.0 0.0 0.2 1.00 879  
## y\_post\_check[99,4] 0.0 0.0 0.0 0.0 0.2 1.01 974  
## y\_post\_check[100,4] 0.0 0.0 0.0 0.0 0.2 1.00 1011  
## y\_post\_check[101,4] 0.0 0.0 0.0 0.0 0.2 1.00 918  
## y\_post\_check[102,4] 0.0 0.0 0.0 0.0 0.2 1.00 890  
## y\_post\_check[103,4] 0.0 0.0 0.0 0.0 0.1 1.01 929  
## y\_post\_check[104,4] 0.0 0.0 0.0 0.0 0.1 1.00 960  
## y\_post\_check[105,4] 0.0 0.0 0.0 0.0 0.2 1.00 1075  
## y\_post\_check[106,4] 0.0 0.0 0.0 0.0 0.2 1.00 1062  
## y\_post\_check[107,4] 0.0 0.0 0.0 0.0 0.2 1.00 962  
## y\_post\_check[108,4] 0.0 0.0 0.0 0.0 0.2 1.00 1017  
## y\_post\_check[109,4] -1.0 0.0 0.0 -0.1 0.3 1.00 952  
## y\_post\_check[110,4] 0.0 0.0 0.0 0.0 0.2 1.01 989  
## y\_post\_check[111,4] -1.0 0.0 0.0 -0.1 0.2 1.00 1001  
## y\_post\_check[112,4] -1.0 0.0 0.0 -0.1 0.3 1.00 967  
## y\_post\_check[113,4] -1.0 0.0 0.0 -0.1 0.3 1.01 874  
## y\_post\_check[114,4] -1.0 0.0 0.0 -0.1 0.3 1.00 929  
## y\_post\_check[115,4] -1.0 0.0 0.0 -0.1 0.4 1.00 1139  
## y\_post\_check[116,4] -1.0 0.0 0.0 -0.1 0.4 1.00 1000  
## y\_post\_check[117,4] -1.0 0.0 0.0 -0.1 0.3 1.00 1062  
## y\_post\_check[118,4] -8.0 0.0 5.0 -0.5 3.8 1.01 897  
## y\_post\_check[119,4] -7.0 0.0 5.0 -0.2 3.5 1.01 1051  
## y\_post\_check[120,4] -5.0 4.0 12.0 3.9 5.2 1.00 930  
## y\_post\_check[121,4] -4.0 0.0 1.0 -0.7 1.6 1.01 946  
## y\_post\_check[122,4] -3.0 -1.0 0.0 -1.0 1.2 1.00 1011  
## y\_post\_check[123,4] -3.0 -1.0 0.0 -1.0 1.1 1.00 1038  
## y\_post\_check[124,4] -1.0 0.0 0.0 -0.1 0.3 1.00 978  
## y\_post\_check[125,4] -1.0 0.0 0.0 -0.2 0.4 1.00 1080  
## y\_post\_check[126,4] -1.0 0.0 0.0 -0.1 0.4 1.01 936  
## y\_post\_check[127,4] -1.0 0.0 0.0 -0.2 0.5 1.00 1010  
## y\_post\_check[128,4] -1.0 0.0 0.0 -0.2 0.5 1.00 1010  
## y\_post\_check[129,4] -1.0 0.0 0.0 -0.2 0.5 1.00 994  
## y\_post\_check[130,4] -6.0 3.0 12.0 3.1 5.4 1.00 947  
## y\_post\_check[131,4] -9.0 3.0 14.0 3.0 7.0 1.00 1060  
## y\_post\_check[132,4] -10.0 -1.0 6.0 -1.2 5.0 1.00 1073  
## y\_post\_check[133,4] -6.0 0.0 5.0 -0.2 3.4 1.00 1117  
## y\_post\_check[134,4] -5.0 2.0 7.0 1.6 3.8 1.00 1034  
## y\_post\_check[135,4] -6.0 1.0 6.0 0.8 3.7 1.00 1040  
## y\_post\_check[136,4] -12.0 0.0 10.0 -0.2 7.0 1.00 888  
## y\_post\_check[137,4] -12.0 2.0 14.0 1.5 7.8 1.00 976  
## y\_post\_check[138,4] -15.0 3.0 17.0 2.0 9.5 1.01 938  
## y\_post\_check[139,4] -6.0 0.0 5.0 0.1 3.3 1.00 1055  
## y\_post\_check[140,4] -7.0 0.0 5.0 -0.2 3.7 1.00 932  
## y\_post\_check[141,4] -7.0 -2.0 2.0 -2.0 2.9 1.00 1052  
## y\_post\_check[142,4] -7.0 -1.0 1.0 -1.9 2.7 1.00 955  
## y\_post\_check[143,4] -6.0 -1.0 2.0 -1.7 2.5 1.00 961  
## y\_post\_check[144,4] -4.0 2.0 7.0 2.2 3.3 1.00 1091  
## y\_post\_check[145,4] -1.0 0.0 0.0 -0.2 0.4 1.00 1043  
## y\_post\_check[146,4] -1.0 0.0 0.0 -0.2 0.4 1.00 1018  
## y\_post\_check[147,4] -1.0 0.0 0.0 -0.1 0.4 1.00 1058  
## y\_post\_check[148,4] -4.0 2.0 7.0 1.7 3.5 1.00 989  
## y\_post\_check[149,4] -7.0 -1.0 3.0 -1.4 3.0 1.00 1072  
## y\_post\_check[150,4] -7.0 1.0 6.0 0.3 3.9 1.00 936  
## y\_post\_check[151,4] -3.0 1.0 4.0 1.0 2.1 1.00 1098  
## y\_post\_check[152,4] -4.0 -1.0 0.0 -1.5 1.5 1.00 1020  
## y\_post\_check[153,4] -3.0 0.0 2.0 0.0 1.7 1.00 952  
## y\_post\_check[154,4] -8.0 0.0 5.0 -0.5 4.1 1.00 949  
## y\_post\_check[155,4] -7.0 3.0 11.0 2.5 5.6 1.00 1088  
## y\_post\_check[156,4] -9.0 0.0 6.0 -0.4 4.6 1.00 1024  
## y\_post\_check[157,4] -10.0 0.0 9.0 -0.2 5.8 1.00 927  
## y\_post\_check[158,4] -9.0 4.0 14.0 3.2 6.7 1.00 1016  
## y\_post\_check[159,4] -10.0 -1.0 4.0 -2.0 4.5 1.00 958  
## y\_post\_check[1,5] 0.0 0.0 0.0 0.0 0.1 1.00 1072  
## y\_post\_check[2,5] 0.0 0.0 0.0 0.0 0.2 1.00 1088  
## y\_post\_check[3,5] 0.0 0.0 0.0 0.0 0.2 1.00 939  
## y\_post\_check[4,5] 0.0 0.0 0.0 0.0 0.2 1.00 1086  
## y\_post\_check[5,5] 0.0 0.0 0.0 0.0 0.2 1.00 1059  
## y\_post\_check[6,5] 0.0 0.0 0.0 0.0 0.2 1.00 1028  
## y\_post\_check[7,5] -15.0 3.0 18.0 2.0 10.3 1.00 1081  
## y\_post\_check[8,5] -16.0 2.0 18.0 1.3 10.5 1.00 1001  
## y\_post\_check[9,5] -15.0 2.0 15.0 0.8 9.7 1.01 840  
## y\_post\_check[10,5] -8.0 3.0 12.0 2.7 6.5 1.01 1083  
## y\_post\_check[11,5] -12.0 -1.0 9.0 -1.0 6.1 1.00 1072  
## y\_post\_check[12,5] -14.0 1.0 14.0 0.6 8.4 1.00 1033  
## y\_post\_check[13,5] -8.0 2.0 10.0 1.6 5.4 1.00 956  
## y\_post\_check[14,5] -12.0 0.0 8.0 -0.9 6.1 1.00 948  
## y\_post\_check[15,5] -13.0 0.5 11.0 -0.1 7.1 1.00 1037  
## y\_post\_check[16,5] -5.0 1.0 5.0 0.6 2.9 1.00 943  
## y\_post\_check[17,5] -6.0 1.0 6.0 0.3 3.7 1.00 1068  
## y\_post\_check[18,5] -5.0 3.0 9.0 3.0 4.3 1.00 956  
## y\_post\_check[19,5] -10.0 0.0 7.0 -0.6 5.3 1.00 878  
## y\_post\_check[20,5] -10.0 1.0 8.0 0.7 5.3 1.00 910  
## y\_post\_check[21,5] -9.0 0.0 9.0 0.3 5.4 1.00 989  
## y\_post\_check[22,5] -4.0 1.0 5.0 1.1 2.8 1.01 945  
## y\_post\_check[23,5] -5.0 1.0 4.0 0.2 2.9 1.00 959  
## y\_post\_check[24,5] -5.0 1.0 4.0 0.2 2.9 1.00 882  
## y\_post\_check[25,5] -6.0 0.0 4.0 -0.8 3.2 1.00 1021  
## y\_post\_check[26,5] -2.0 4.0 8.0 3.5 2.8 1.00 817  
## y\_post\_check[27,5] -5.0 0.0 3.0 -0.3 2.5 1.00 922  
## y\_post\_check[28,5] -5.0 2.0 6.0 1.4 3.3 1.00 954  
## y\_post\_check[29,5] -4.0 2.0 6.0 1.3 3.0 1.00 1061  
## y\_post\_check[30,5] -6.0 -1.0 3.0 -0.9 3.0 1.00 974  
## y\_post\_check[31,5] -15.0 0.0 12.0 -0.3 8.2 1.00 1033  
## y\_post\_check[32,5] -10.0 5.0 19.0 5.3 8.8 1.00 983  
## y\_post\_check[33,5] -13.0 -0.5 10.0 -0.9 6.8 1.00 1016  
## y\_post\_check[34,5] -1.0 0.0 0.0 -0.1 0.3 1.00 1088  
## y\_post\_check[35,5] -1.0 0.0 0.0 -0.1 0.3 1.00 1085  
## y\_post\_check[36,5] -1.0 0.0 0.0 -0.1 0.3 1.00 988  
## y\_post\_check[37,5] -13.0 -1.0 7.0 -1.5 6.1 1.00 1014  
## y\_post\_check[38,5] -12.0 -1.0 9.0 -1.4 6.4 1.00 924  
## y\_post\_check[39,5] -14.0 -2.0 8.0 -2.2 6.9 1.01 1048  
## y\_post\_check[40,5] -13.0 -1.0 9.0 -1.6 6.8 1.01 913  
## y\_post\_check[41,5] -7.0 9.0 22.0 8.5 8.7 1.00 1081  
## y\_post\_check[42,5] -9.0 6.0 18.0 5.6 8.1 1.00 960  
## y\_post\_check[43,5] -9.0 2.0 10.0 1.3 6.0 1.00 966  
## y\_post\_check[44,5] -10.0 2.0 11.0 1.8 6.4 1.00 1034  
## y\_post\_check[45,5] -11.0 0.0 10.0 0.0 6.7 1.00 1083  
## y\_post\_check[46,5] -13.0 2.0 13.0 1.5 7.7 1.00 979  
## y\_post\_check[47,5] -10.0 -1.0 7.0 -1.1 5.5 1.00 997  
## y\_post\_check[48,5] -10.0 1.0 9.0 0.3 5.8 1.00 989  
## y\_post\_check[49,5] -8.0 0.0 6.0 -0.4 4.4 1.00 984  
## y\_post\_check[50,5] -8.0 1.0 7.0 0.3 4.6 1.00 830  
## y\_post\_check[51,5] -4.0 4.0 10.0 3.3 4.3 1.00 1092  
## y\_post\_check[52,5] -6.0 0.0 5.0 0.1 3.7 1.00 939  
## y\_post\_check[53,5] -6.0 0.0 2.0 -0.8 2.5 1.00 1027  
## y\_post\_check[54,5] -7.0 0.0 5.0 -0.4 3.6 1.00 1044  
## y\_post\_check[55,5] -7.0 0.0 4.0 -0.6 3.5 1.00 1040  
## y\_post\_check[56,5] -5.0 5.0 12.0 4.1 5.0 1.00 1053  
## y\_post\_check[57,5] -5.0 1.0 6.0 0.9 3.4 1.00 995  
## y\_post\_check[58,5] -8.0 0.0 5.0 -0.8 3.9 1.00 997  
## y\_post\_check[59,5] -6.0 0.0 4.0 -0.6 2.9 1.00 1015  
## y\_post\_check[60,5] -6.0 0.0 4.0 -0.6 3.0 1.00 808  
## y\_post\_check[61,5] -3.0 0.0 1.0 -0.2 1.3 1.01 936  
## y\_post\_check[62,5] -3.0 -1.0 0.0 -0.9 1.1 1.00 962  
## y\_post\_check[63,5] -3.0 0.0 0.0 -0.8 1.0 1.00 916  
## y\_post\_check[64,5] -7.0 0.0 7.0 0.1 4.2 1.00 1016  
## y\_post\_check[65,5] -7.0 0.0 4.0 -0.7 3.5 1.00 1054  
## y\_post\_check[66,5] -8.0 -3.0 0.0 -3.2 2.7 1.00 931  
## y\_post\_check[67,5] -5.0 0.0 2.0 -0.7 2.1 1.00 952  
## y\_post\_check[68,5] -5.0 0.0 3.0 -0.2 2.3 1.00 967  
## y\_post\_check[69,5] -4.0 -1.0 1.0 -1.0 1.7 1.00 1075  
## y\_post\_check[70,5] -4.0 1.0 4.0 0.5 2.2 1.00 966  
## y\_post\_check[71,5] -3.0 1.0 4.0 0.9 2.1 1.00 1133  
## y\_post\_check[72,5] -4.0 0.0 3.0 0.1 2.2 1.00 991  
## y\_post\_check[73,5] -5.0 -1.0 1.0 -1.2 1.9 1.01 827  
## y\_post\_check[74,5] -4.0 0.0 2.0 -0.6 2.0 1.00 1060  
## y\_post\_check[75,5] -5.0 -1.0 0.0 -1.8 1.7 1.00 796  
## y\_post\_check[76,5] -1.0 0.0 0.0 -0.3 0.5 1.00 954  
## y\_post\_check[77,5] 0.0 2.0 2.0 1.6 0.7 1.00 1051  
## y\_post\_check[78,5] -1.0 0.0 0.0 -0.3 0.6 1.00 1031  
## y\_post\_check[79,5] -7.0 0.0 6.0 -0.3 4.1 1.00 977  
## y\_post\_check[80,5] -9.0 2.0 9.0 1.1 5.3 1.00 922  
## y\_post\_check[81,5] -8.0 -1.0 5.0 -0.9 4.4 1.00 956  
## y\_post\_check[82,5] -10.0 -1.0 6.0 -1.2 4.8 1.00 983  
## y\_post\_check[83,5] -6.0 1.0 5.0 0.3 3.5 1.01 975  
## y\_post\_check[84,5] -7.0 0.0 5.0 -0.1 3.6 1.00 918  
## y\_post\_check[85,5] -7.0 1.0 7.0 0.7 4.2 1.00 1108  
## y\_post\_check[86,5] -6.0 0.0 4.0 -0.4 3.0 1.00 1040  
## y\_post\_check[87,5] -7.0 2.0 8.0 1.3 4.5 1.00 939  
## y\_post\_check[88,5] -5.0 7.0 16.0 6.7 6.3 1.00 956  
## y\_post\_check[89,5] -7.0 -1.0 2.0 -1.9 2.6 1.00 1059  
## y\_post\_check[90,5] -7.0 -2.0 0.0 -2.6 2.0 1.00 821  
## y\_post\_check[91,5] 0.0 0.0 0.0 0.0 0.1 1.00 933  
## y\_post\_check[92,5] 0.0 0.0 0.0 0.0 0.1 1.00 770  
## y\_post\_check[93,5] 0.0 0.0 0.0 0.0 0.1 1.00 1040  
## y\_post\_check[94,5] 0.0 0.0 0.0 0.0 0.1 1.00 1040  
## y\_post\_check[95,5] 0.0 0.0 0.0 0.0 0.1 1.00 1064  
## y\_post\_check[96,5] 0.0 0.0 0.0 0.0 0.1 1.00 970  
## y\_post\_check[97,5] 0.0 0.0 0.0 0.0 0.2 1.00 1071  
## y\_post\_check[98,5] 0.0 0.0 0.0 0.0 0.2 1.00 984  
## y\_post\_check[99,5] 0.0 0.0 0.0 0.0 0.2 1.00 1062  
## y\_post\_check[100,5] 0.0 0.0 0.0 0.0 0.2 1.00 980  
## y\_post\_check[101,5] 0.0 0.0 0.0 0.0 0.2 1.00 994  
## y\_post\_check[102,5] 0.0 0.0 0.0 0.0 0.2 1.00 1041  
## y\_post\_check[103,5] 0.0 0.0 0.0 0.0 0.1 1.00 1066  
## y\_post\_check[104,5] 0.0 0.0 0.0 0.0 0.1 1.00 927  
## y\_post\_check[105,5] 0.0 0.0 0.0 0.0 0.2 1.00 948  
## y\_post\_check[106,5] 0.0 0.0 0.0 0.0 0.2 1.00 998  
## y\_post\_check[107,5] 0.0 0.0 0.0 0.0 0.2 1.00 1071  
## y\_post\_check[108,5] 0.0 0.0 0.0 0.0 0.2 1.00 863  
## y\_post\_check[109,5] -1.0 0.0 0.0 -0.1 0.3 1.00 1087  
## y\_post\_check[110,5] 0.0 0.0 0.0 0.0 0.2 1.00 1120  
## y\_post\_check[111,5] -1.0 0.0 0.0 -0.1 0.3 1.00 1023  
## y\_post\_check[112,5] -1.0 0.0 0.0 -0.1 0.3 1.00 997  
## y\_post\_check[113,5] -1.0 0.0 0.0 -0.1 0.2 1.01 986  
## y\_post\_check[114,5] -1.0 0.0 0.0 -0.1 0.3 0.99 1007  
## y\_post\_check[115,5] -1.0 0.0 0.0 -0.1 0.3 1.00 1039  
## y\_post\_check[116,5] -1.0 0.0 0.0 -0.1 0.4 1.00 1003  
## y\_post\_check[117,5] -1.0 0.0 0.0 -0.1 0.3 1.00 1036  
## y\_post\_check[118,5] -7.0 0.0 4.0 -0.5 3.5 1.00 901  
## y\_post\_check[119,5] -6.0 0.0 4.0 -0.4 3.0 1.00 987  
## y\_post\_check[120,5] -5.0 3.0 8.0 2.2 4.2 1.00 995  
## y\_post\_check[121,5] -4.0 0.0 2.0 -0.4 2.0 1.00 935  
## y\_post\_check[122,5] -3.0 -1.0 0.0 -0.9 1.1 1.00 900  
## y\_post\_check[123,5] -2.0 1.0 3.0 1.0 1.7 1.00 954  
## y\_post\_check[124,5] -1.0 0.0 0.0 -0.1 0.4 1.00 1085  
## y\_post\_check[125,5] -1.0 0.0 0.0 -0.1 0.4 1.00 938  
## y\_post\_check[126,5] -1.0 0.0 0.0 -0.1 0.4 1.00 954  
## y\_post\_check[127,5] -1.0 0.0 0.0 -0.2 0.4 1.00 1077  
## y\_post\_check[128,5] -1.0 0.0 0.0 -0.2 0.4 1.00 1065  
## y\_post\_check[129,5] -1.0 0.0 0.0 -0.2 0.5 1.00 987  
## y\_post\_check[130,5] -7.0 2.0 9.0 1.7 4.9 1.00 976  
## y\_post\_check[131,5] -10.0 1.0 11.0 1.0 6.2 1.00 995  
## y\_post\_check[132,5] -10.0 -1.0 6.0 -1.6 5.0 1.00 921  
## y\_post\_check[133,5] -6.0 -1.0 1.0 -1.8 2.4 1.00 1100  
## y\_post\_check[134,5] -5.0 1.0 5.0 0.6 3.2 1.00 1005  
## y\_post\_check[135,5] -6.0 2.0 7.0 1.2 3.8 1.00 1000  
## y\_post\_check[136,5] -11.0 0.0 8.0 -0.9 6.0 1.00 877  
## y\_post\_check[137,5] -11.0 2.0 13.0 1.5 7.3 1.00 1042  
## y\_post\_check[138,5] -14.0 2.0 14.0 1.1 8.3 1.00 1180  
## y\_post\_check[139,5] -5.0 0.0 4.0 -0.1 2.9 1.00 980  
## y\_post\_check[140,5] -6.0 -2.0 1.0 -2.1 2.2 1.00 965  
## y\_post\_check[141,5] -7.0 -1.0 3.0 -1.6 3.2 1.00 934  
## y\_post\_check[142,5] -6.0 -1.0 2.0 -1.1 2.7 1.00 992  
## y\_post\_check[143,5] -5.0 1.0 7.0 1.0 3.8 1.00 1089  
## y\_post\_check[144,5] -3.0 5.0 12.0 5.0 4.5 1.01 1007  
## y\_post\_check[145,5] -1.0 0.0 0.0 -0.1 0.4 1.00 1164  
## y\_post\_check[146,5] -1.0 0.0 0.0 -0.2 0.4 1.01 986  
## y\_post\_check[147,5] -1.0 0.0 0.0 -0.1 0.4 1.00 914  
## y\_post\_check[148,5] -3.0 5.0 11.0 4.6 4.2 1.00 977  
## y\_post\_check[149,5] -7.0 1.0 6.0 0.3 3.8 1.00 1024  
## y\_post\_check[150,5] -6.0 1.0 6.0 0.5 3.9 1.00 838  
## y\_post\_check[151,5] -3.0 1.0 3.0 0.4 2.0 1.00 1103  
## y\_post\_check[152,5] -5.0 1.0 4.0 0.5 2.8 1.00 941  
## y\_post\_check[153,5] -3.0 2.0 5.0 1.4 2.4 1.00 920  
## y\_post\_check[154,5] -7.0 3.0 11.0 2.5 5.4 1.00 1120  
## y\_post\_check[155,5] -7.0 4.0 11.0 3.0 5.5 1.00 971  
## y\_post\_check[156,5] -9.0 0.0 7.0 -0.5 4.7 1.01 868  
## y\_post\_check[157,5] -10.0 0.0 8.0 -0.3 5.7 1.00 940  
## y\_post\_check[158,5] -8.0 4.0 14.0 3.7 6.5 1.00 919  
## y\_post\_check[159,5] -12.0 0.0 9.0 -0.7 6.2 1.00 950  
## y\_new\_sum[1] 0.0 0.0 0.0 0.1 0.6 1.00 1019  
## y\_new\_sum[2] 0.0 0.0 1.0 0.1 0.6 1.00 909  
## y\_new\_sum[3] 0.0 0.0 1.0 0.2 0.6 1.00 936  
## y\_new\_sum[4] 0.0 0.0 2.0 0.2 0.7 1.00 1091  
## y\_new\_sum[5] 0.0 0.0 1.0 0.2 0.5 1.00 1019  
## y\_new\_sum[6] 0.0 0.0 1.0 0.2 0.6 1.00 1113  
## y\_new\_sum[7] 156.0 196.0 244.0 197.3 26.7 1.00 1175  
## y\_new\_sum[8] 137.0 175.0 219.0 177.0 25.1 1.00 1016  
## y\_new\_sum[9] 139.0 176.0 218.0 176.4 24.0 1.00 1031  
## y\_new\_sum[10] 83.0 117.0 154.0 117.0 21.4 1.01 1073  
## y\_new\_sum[11] 59.0 83.0 109.0 83.7 15.7 1.00 1013  
## y\_new\_sum[12] 89.0 119.0 152.0 119.6 19.6 1.00 1132  
## y\_new\_sum[13] 65.0 96.0 129.0 96.5 19.5 1.00 1090  
## y\_new\_sum[14] 61.0 84.0 115.0 85.3 15.9 1.00 1026  
## y\_new\_sum[15] 66.0 93.0 123.0 93.7 17.5 1.00 1047  
## y\_new\_sum[16] 11.0 22.0 38.0 22.8 8.5 1.00 1054  
## y\_new\_sum[17] 10.0 20.0 33.0 20.9 7.3 1.00 1030  
## y\_new\_sum[18] 14.0 27.0 44.0 27.7 9.3 1.00 957  
## y\_new\_sum[19] 51.0 72.0 99.0 73.1 15.3 1.00 939  
## y\_new\_sum[20] 41.0 61.0 88.0 62.4 14.4 1.00 877  
## y\_new\_sum[21] 30.0 51.0 74.0 51.1 13.3 1.00 1007  
## y\_new\_sum[22] 10.0 22.0 40.0 22.7 9.3 1.02 753  
## y\_new\_sum[23] 11.0 23.0 39.0 24.0 8.9 1.00 919  
## y\_new\_sum[24] 11.0 24.0 42.0 25.3 9.3 1.00 985  
## y\_new\_sum[25] 13.0 26.0 44.0 26.5 10.1 1.01 996  
## y\_new\_sum[26] 7.0 17.0 31.0 18.1 7.5 1.00 905  
## y\_new\_sum[27] 5.0 15.0 29.0 15.9 7.4 1.01 905  
## y\_new\_sum[28] 15.0 33.0 56.0 33.9 12.5 1.00 1009  
## y\_new\_sum[29] 12.0 29.0 50.0 29.8 11.4 1.00 1075  
## y\_new\_sum[30] 9.0 20.0 37.0 21.1 8.5 1.01 960  
## y\_new\_sum[31] 107.0 146.0 193.0 147.2 26.2 1.00 1181  
## y\_new\_sum[32] 102.0 141.0 187.0 141.8 25.6 1.00 979  
## y\_new\_sum[33] 73.0 100.0 133.0 101.6 18.6 1.00 993  
## y\_new\_sum[34] 0.0 0.0 3.0 0.3 1.1 1.00 933  
## y\_new\_sum[35] 0.0 0.0 3.0 0.4 1.2 1.00 883  
## y\_new\_sum[36] 0.0 0.0 3.0 0.4 1.0 1.00 1025  
## y\_new\_sum[37] 60.0 83.0 110.0 84.1 15.5 1.00 929  
## y\_new\_sum[38] 60.0 83.0 112.0 84.4 16.3 1.00 999  
## y\_new\_sum[39] 64.0 89.0 119.0 89.6 17.4 1.00 1055  
## y\_new\_sum[40] 59.0 81.0 108.0 82.4 15.1 1.00 980  
## y\_new\_sum[41] 116.0 153.0 200.0 155.2 26.7 1.00 1025  
## y\_new\_sum[42] 117.0 153.0 197.0 155.2 25.1 1.00 980  
## y\_new\_sum[43] 46.0 69.0 97.0 70.1 15.6 1.00 997  
## y\_new\_sum[44] 56.0 82.0 114.0 83.5 17.7 1.00 1009  
## y\_new\_sum[45] 51.0 75.0 101.0 75.4 15.4 1.00 989  
## y\_new\_sum[46] 67.0 92.0 126.0 93.9 18.0 1.00 940  
## y\_new\_sum[47] 42.0 62.0 87.0 62.5 13.3 1.00 994  
## y\_new\_sum[48] 50.0 76.0 106.0 76.9 17.1 1.00 1034  
## y\_new\_sum[49] 26.0 46.0 74.0 47.2 14.2 1.01 995  
## y\_new\_sum[50] 29.0 49.0 76.0 50.1 14.0 1.00 958  
## y\_new\_sum[51] 22.0 40.0 66.0 42.0 13.4 1.00 1047  
## y\_new\_sum[52] 16.0 28.0 44.0 28.5 8.4 1.00 977  
## y\_new\_sum[53] 11.0 20.0 32.0 20.2 6.6 1.00 931  
## y\_new\_sum[54] 19.0 33.0 52.0 34.2 10.5 1.00 913  
## y\_new\_sum[55] 12.0 23.0 38.0 24.2 8.3 1.00 987  
## y\_new\_sum[56] 23.0 39.0 61.0 40.4 11.2 1.00 970  
## y\_new\_sum[57] 20.0 35.0 52.0 35.7 9.9 1.00 986  
## y\_new\_sum[58] 17.0 32.0 51.0 32.8 10.7 1.00 988  
## y\_new\_sum[59] 17.0 31.0 49.0 31.9 9.8 1.00 880  
## y\_new\_sum[60] 18.0 33.0 53.0 33.5 10.7 1.00 988  
## y\_new\_sum[61] 1.0 5.0 12.0 5.5 3.6 1.01 1051  
## y\_new\_sum[62] 1.0 4.0 11.0 4.9 3.3 1.00 878  
## y\_new\_sum[63] 0.0 4.0 10.0 4.7 3.2 1.00 1000  
## y\_new\_sum[64] 28.0 49.0 78.0 50.9 15.6 1.00 1008  
## y\_new\_sum[65] 36.0 58.0 87.0 59.5 15.5 1.00 1071  
## y\_new\_sum[66] 31.0 52.0 79.0 53.2 14.6 1.00 986  
## y\_new\_sum[67] 6.0 14.0 26.0 14.5 6.0 1.00 897  
## y\_new\_sum[68] 5.0 12.0 23.0 13.0 5.7 1.00 950  
## y\_new\_sum[69] 4.0 12.0 23.0 12.2 5.7 1.00 984  
## y\_new\_sum[70] 3.0 9.0 17.0 9.2 4.5 1.01 865  
## y\_new\_sum[71] 2.0 9.0 19.0 9.5 5.1 1.00 1040  
## y\_new\_sum[72] 4.0 10.0 20.0 10.7 5.3 1.01 1015  
## y\_new\_sum[73] 4.0 11.0 20.0 11.2 5.1 1.00 1008  
## y\_new\_sum[74] 4.0 12.0 22.0 12.1 5.6 1.00 937  
## y\_new\_sum[75] 4.0 12.0 23.0 12.7 6.0 1.00 894  
## y\_new\_sum[76] 0.0 0.0 5.0 1.3 1.8 1.00 1041  
## y\_new\_sum[77] 0.0 0.0 5.0 1.4 1.9 1.00 1006  
## y\_new\_sum[78] 0.0 0.0 5.0 1.3 1.8 1.00 1029  
## y\_new\_sum[79] 26.0 44.0 65.0 44.5 11.8 1.00 998  
## y\_new\_sum[80] 38.0 58.0 83.0 58.7 13.8 1.01 922  
## y\_new\_sum[81] 58.0 86.0 121.0 87.3 19.3 1.00 952  
## y\_new\_sum[82] 46.0 68.0 96.0 68.9 14.9 1.00 1079  
## y\_new\_sum[83] 21.0 36.0 56.0 36.8 11.0 1.00 1036  
## y\_new\_sum[84] 17.0 29.0 48.0 30.4 9.9 1.00 1043  
## y\_new\_sum[85] 23.0 39.0 59.0 40.1 11.1 1.01 1062  
## y\_new\_sum[86] 18.0 33.0 52.0 33.8 10.7 1.00 998  
## y\_new\_sum[87] 38.0 58.0 85.0 59.6 14.4 1.00 955  
## y\_new\_sum[88] 51.0 80.0 110.0 80.5 17.8 1.00 937  
## y\_new\_sum[89] 9.0 19.0 36.0 20.7 8.5 1.00 844  
## y\_new\_sum[90] 7.0 16.0 31.0 17.3 7.3 1.00 1014  
## y\_new\_sum[91] 0.0 0.0 0.0 0.0 0.3 1.00 948  
## y\_new\_sum[92] 0.0 0.0 0.0 0.1 0.4 1.00 953  
## y\_new\_sum[93] 0.0 0.0 0.0 0.0 0.4 1.00 1056  
## y\_new\_sum[94] 0.0 0.0 0.0 0.0 0.3 1.00 859  
## y\_new\_sum[95] 0.0 0.0 0.0 0.1 0.4 1.00 1098  
## y\_new\_sum[96] 0.0 0.0 0.0 0.1 0.4 1.00 970  
## y\_new\_sum[97] 0.0 0.0 0.0 0.1 0.6 1.00 1032  
## y\_new\_sum[98] 0.0 0.0 0.0 0.1 0.7 1.00 976  
## y\_new\_sum[99] 0.0 0.0 0.0 0.1 0.6 1.00 988  
## y\_new\_sum[100] 0.0 0.0 0.0 0.1 0.7 1.00 1002  
## y\_new\_sum[101] 0.0 0.0 0.0 0.1 0.6 1.00 994  
## y\_new\_sum[102] 0.0 0.0 2.0 0.2 0.8 1.00 923  
## y\_new\_sum[103] 0.0 0.0 0.0 0.1 0.5 1.01 733  
## y\_new\_sum[104] 0.0 0.0 1.0 0.1 0.5 1.00 831  
## y\_new\_sum[105] 0.0 0.0 0.0 0.1 0.5 1.00 1021  
## y\_new\_sum[106] 0.0 0.0 2.0 0.2 0.7 0.99 988  
## y\_new\_sum[107] 0.0 0.0 1.0 0.1 0.6 1.00 999  
## y\_new\_sum[108] 0.0 0.0 1.0 0.1 0.7 1.00 976  
## y\_new\_sum[109] 0.0 0.0 3.0 0.4 1.0 1.00 1027  
## y\_new\_sum[110] 0.0 0.0 2.0 0.2 0.7 1.00 1151  
## y\_new\_sum[111] 0.0 0.0 2.0 0.3 0.9 1.00 928  
## y\_new\_sum[112] 0.0 0.0 2.0 0.3 0.9 1.00 992  
## y\_new\_sum[113] 0.0 0.0 2.0 0.3 0.9 1.00 964  
## y\_new\_sum[114] 0.0 0.0 2.0 0.3 0.9 1.00 1021  
## y\_new\_sum[115] 0.0 0.0 4.0 0.6 1.5 1.00 1142  
## y\_new\_sum[116] 0.0 0.0 4.0 0.7 1.7 1.01 1046  
## y\_new\_sum[117] 0.0 0.0 3.0 0.5 1.3 1.00 986  
## y\_new\_sum[118] 17.0 31.0 50.0 32.4 10.2 1.00 828  
## y\_new\_sum[119] 19.0 34.0 53.0 34.9 10.4 1.00 999  
## y\_new\_sum[120] 24.0 40.0 61.0 40.8 11.4 1.01 968  
## y\_new\_sum[121] 2.0 9.0 19.0 9.1 4.9 1.01 903  
## y\_new\_sum[122] 1.0 7.0 15.0 7.1 4.1 1.00 924  
## y\_new\_sum[123] 3.0 9.0 19.0 9.8 4.8 1.00 924  
## y\_new\_sum[124] 0.0 0.0 3.0 0.6 1.2 1.00 1013  
## y\_new\_sum[125] 0.0 0.0 3.0 0.7 1.3 1.00 960  
## y\_new\_sum[126] 0.0 0.0 3.0 0.7 1.3 1.01 969  
## y\_new\_sum[127] 0.0 0.0 3.0 0.7 1.4 1.00 986  
## y\_new\_sum[128] 0.0 0.0 4.0 0.8 1.4 1.00 991  
## y\_new\_sum[129] 0.0 0.0 4.0 0.8 1.4 1.00 925  
## y\_new\_sum[130] 45.0 73.0 108.0 74.1 19.6 1.01 972  
## y\_new\_sum[131] 57.0 82.0 113.0 82.6 17.0 1.01 1141  
## y\_new\_sum[132] 36.0 54.0 77.0 55.0 12.6 1.00 1093  
## y\_new\_sum[133] 14.0 28.0 48.0 29.5 10.4 1.00 1155  
## y\_new\_sum[134] 17.0 32.0 52.0 33.1 10.7 1.00 1075  
## y\_new\_sum[135] 19.0 35.0 53.0 35.2 10.8 1.00 1004  
## y\_new\_sum[136] 69.0 95.0 125.0 95.5 16.9 1.00 925  
## y\_new\_sum[137] 92.0 126.0 160.0 126.1 21.0 1.00 1094  
## y\_new\_sum[138] 108.0 139.0 178.0 140.6 21.6 1.00 1003  
## y\_new\_sum[139] 21.0 36.0 58.0 37.7 11.3 1.00 1030  
## y\_new\_sum[140] 22.0 37.0 59.0 38.1 11.5 1.00 1013  
## y\_new\_sum[141] 20.0 36.0 58.0 37.6 11.7 1.00 1000  
## y\_new\_sum[142] 8.0 18.0 35.0 19.4 8.1 1.00 1010  
## y\_new\_sum[143] 17.0 32.0 50.0 32.6 10.1 1.00 1015  
## y\_new\_sum[144] 21.0 38.0 61.0 38.9 11.9 1.01 1011  
## y\_new\_sum[145] 0.0 0.0 4.0 0.8 1.6 1.00 940  
## y\_new\_sum[146] 0.0 0.0 4.0 0.8 1.5 1.00 1041  
## y\_new\_sum[147] 0.0 0.0 4.0 0.7 1.4 1.00 846  
## y\_new\_sum[148] 15.0 30.0 50.0 31.7 11.2 1.00 1014  
## y\_new\_sum[149] 14.0 28.0 45.0 28.6 10.0 1.00 1121  
## y\_new\_sum[150] 16.0 30.0 49.0 31.3 10.3 1.00 935  
## y\_new\_sum[151] 4.0 12.0 24.0 13.2 6.3 1.00 1022  
## y\_new\_sum[152] 4.0 12.0 22.0 12.0 5.7 1.00 1054  
## y\_new\_sum[153] 5.0 12.0 26.0 13.4 6.4 1.00 988  
## y\_new\_sum[154] 32.0 55.0 84.0 56.2 15.7 1.00 992  
## y\_new\_sum[155] 42.0 67.0 101.0 68.5 18.0 1.00 1007  
## y\_new\_sum[156] 30.0 48.0 69.0 48.6 12.1 1.00 917  
## y\_new\_sum[157] 63.0 87.0 120.0 88.5 17.9 1.00 949  
## y\_new\_sum[158] 72.0 104.5 142.0 105.3 21.3 1.00 1031  
## y\_new\_sum[159] 41.0 62.0 89.0 63.0 15.0 1.00 878  
## y\_sum\_diff[1] 0.0 0.0 0.0 -0.1 0.6 1.00 1019  
## y\_sum\_diff[2] -1.0 0.0 0.0 -0.1 0.6 1.00 909  
## y\_sum\_diff[3] -1.0 0.0 0.0 -0.2 0.6 1.00 936  
## y\_sum\_diff[4] -2.0 0.0 0.0 -0.2 0.7 1.00 1091  
## y\_sum\_diff[5] -1.0 0.0 0.0 -0.2 0.5 1.00 1019  
## y\_sum\_diff[6] -1.0 0.0 0.0 -0.2 0.6 1.00 1113  
## y\_sum\_diff[7] -44.0 4.0 44.0 2.7 26.7 1.00 1175  
## y\_sum\_diff[8] -43.0 1.0 39.0 -1.0 25.1 1.00 1016  
## y\_sum\_diff[9] -41.0 1.0 38.0 0.6 24.0 1.00 1031  
## y\_sum\_diff[10] -26.0 11.0 45.0 11.0 21.4 1.01 1073  
## y\_sum\_diff[11] -32.0 -6.0 18.0 -6.7 15.7 1.00 1013  
## y\_sum\_diff[12] -35.0 -2.0 28.0 -2.6 19.6 1.00 1132  
## y\_sum\_diff[13] -21.0 12.0 43.0 11.5 19.5 1.00 1090  
## y\_sum\_diff[14] -34.0 -3.0 20.0 -4.3 15.9 1.00 1026  
## y\_sum\_diff[15] -33.0 -3.0 24.0 -3.7 17.5 1.00 1047  
## y\_sum\_diff[16] -14.0 2.0 13.0 1.2 8.5 1.00 1054  
## y\_sum\_diff[17] -17.0 -4.0 6.0 -4.9 7.3 1.00 1030  
## y\_sum\_diff[18] -14.0 3.0 16.0 2.3 9.3 1.00 957  
## y\_sum\_diff[19] -26.0 1.0 22.0 -0.1 15.3 1.00 939  
## y\_sum\_diff[20] -24.0 3.0 23.0 1.6 14.4 1.00 877  
## y\_sum\_diff[21] -26.0 -3.0 18.0 -3.1 13.3 1.00 1007  
## y\_sum\_diff[22] -16.0 2.0 14.0 1.3 9.3 1.02 753  
## y\_sum\_diff[23] -16.0 0.0 12.0 -1.0 8.9 1.00 919  
## y\_sum\_diff[24] -17.0 1.0 14.0 -0.3 9.3 1.00 985  
## y\_sum\_diff[25] -23.0 -5.0 8.0 -5.5 10.1 1.01 996  
## y\_sum\_diff[26] -5.0 9.0 19.0 7.9 7.5 1.00 905  
## y\_sum\_diff[27] -19.0 -5.0 5.0 -5.9 7.4 1.01 905  
## y\_sum\_diff[28] -18.0 5.0 23.0 4.1 12.5 1.00 1009  
## y\_sum\_diff[29] -16.0 5.0 22.0 4.2 11.4 1.00 1075  
## y\_sum\_diff[30] -23.0 -6.0 5.0 -7.1 8.5 1.01 960  
## y\_sum\_diff[31] -50.0 -3.0 36.0 -4.2 26.2 1.00 1181  
## y\_sum\_diff[32] -36.0 10.0 49.0 9.2 25.6 1.00 979  
## y\_sum\_diff[33] -36.0 -3.0 24.0 -4.6 18.6 1.00 993  
## y\_sum\_diff[34] -3.0 0.0 0.0 -0.3 1.1 1.00 933  
## y\_sum\_diff[35] -3.0 0.0 0.0 -0.4 1.2 1.00 883  
## y\_sum\_diff[36] -3.0 0.0 0.0 -0.4 1.0 1.00 1025  
## y\_sum\_diff[37] -33.0 -6.0 17.0 -7.1 15.5 1.00 929  
## y\_sum\_diff[38] -36.0 -7.0 16.0 -8.4 16.3 1.00 999  
## y\_sum\_diff[39] -40.0 -10.0 15.0 -10.6 17.4 1.00 1055  
## y\_sum\_diff[40] -34.0 -7.0 15.0 -8.4 15.1 1.00 980  
## y\_sum\_diff[41] -16.0 31.0 68.0 28.8 26.7 1.00 1025  
## y\_sum\_diff[42] -20.0 24.0 60.0 21.8 25.1 1.00 980  
## y\_sum\_diff[43] -25.0 3.0 26.0 1.9 15.6 1.00 997  
## y\_sum\_diff[44] -26.0 6.0 32.0 4.5 17.7 1.00 1009  
## y\_sum\_diff[45] -29.0 -3.0 21.0 -3.4 15.4 1.00 989  
## y\_sum\_diff[46] -30.0 4.0 29.0 2.1 18.0 1.00 940  
## y\_sum\_diff[47] -30.0 -5.0 15.0 -5.5 13.3 1.00 994  
## y\_sum\_diff[48] -28.0 2.0 28.0 1.1 17.1 1.00 1034  
## y\_sum\_diff[49] -29.0 -1.0 19.0 -2.2 14.2 1.01 995  
## y\_sum\_diff[50] -29.0 -2.0 18.0 -3.1 14.0 1.00 958  
## y\_sum\_diff[51] -18.0 8.0 26.0 6.0 13.4 1.00 1047  
## y\_sum\_diff[52] -19.0 -3.0 9.0 -3.5 8.4 1.00 977  
## y\_sum\_diff[53] -15.0 -3.0 6.0 -3.2 6.6 1.00 931  
## y\_sum\_diff[54] -21.0 -2.0 12.0 -3.2 10.5 1.00 913  
## y\_sum\_diff[55] -20.0 -5.0 6.0 -6.2 8.3 1.00 987  
## y\_sum\_diff[56] -11.0 11.0 27.0 9.6 11.2 1.00 970  
## y\_sum\_diff[57] -10.0 7.0 22.0 6.3 9.9 1.00 986  
## y\_sum\_diff[58] -23.0 -4.0 11.0 -4.8 10.7 1.00 988  
## y\_sum\_diff[59] -16.0 2.0 16.0 1.1 9.8 1.00 880  
## y\_sum\_diff[60] -17.0 3.0 18.0 2.5 10.7 1.00 988  
## y\_sum\_diff[61] -7.0 0.0 4.0 -0.5 3.6 1.01 1051  
## y\_sum\_diff[62] -8.0 -1.0 2.0 -1.9 3.3 1.00 878  
## y\_sum\_diff[63] -6.0 0.0 4.0 -0.7 3.2 1.00 1000  
## y\_sum\_diff[64] -27.0 2.0 23.0 0.1 15.6 1.00 1008  
## y\_sum\_diff[65] -21.0 8.0 30.0 6.5 15.5 1.00 1071  
## y\_sum\_diff[66] -32.0 -5.0 16.0 -6.2 14.6 1.00 986  
## y\_sum\_diff[67] -11.0 1.0 9.0 0.5 6.0 1.00 897  
## y\_sum\_diff[68] -11.0 0.0 7.0 -1.0 5.7 1.00 950  
## y\_sum\_diff[69] -11.0 0.0 8.0 -0.2 5.7 1.00 984  
## y\_sum\_diff[70] -9.0 -1.0 5.0 -1.2 4.5 1.01 865  
## y\_sum\_diff[71] -8.0 2.0 9.0 1.5 5.1 1.00 1040  
## y\_sum\_diff[72] -9.0 1.0 7.0 0.3 5.3 1.01 1015  
## y\_sum\_diff[73] -10.0 -1.0 6.0 -1.2 5.1 1.00 1008  
## y\_sum\_diff[74] -9.0 1.0 9.0 0.9 5.6 1.00 937  
## y\_sum\_diff[75] -10.0 1.0 9.0 0.3 6.0 1.00 894  
## y\_sum\_diff[76] -5.0 0.0 0.0 -1.3 1.8 1.00 1041  
## y\_sum\_diff[77] -3.0 2.0 2.0 0.6 1.9 1.00 1006  
## y\_sum\_diff[78] -5.0 0.0 0.0 -1.3 1.8 1.00 1029  
## y\_sum\_diff[79] -22.0 -1.0 17.0 -1.5 11.8 1.00 998  
## y\_sum\_diff[80] -23.0 2.0 22.0 1.3 13.8 1.01 922  
## y\_sum\_diff[81] -30.0 5.0 33.0 3.7 19.3 1.00 952  
## y\_sum\_diff[82] -30.0 -2.0 20.0 -2.9 14.9 1.00 1079  
## y\_sum\_diff[83] -17.0 3.0 18.0 2.2 11.0 1.00 1036  
## y\_sum\_diff[84] -20.0 -1.0 11.0 -2.4 9.9 1.00 1043  
## y\_sum\_diff[85] -18.0 2.0 18.0 0.9 11.1 1.01 1062  
## y\_sum\_diff[86] -19.0 0.0 15.0 -0.8 10.7 1.00 998  
## y\_sum\_diff[87] -20.0 7.0 27.0 5.4 14.4 1.00 955  
## y\_sum\_diff[88] -9.0 21.0 50.0 20.5 17.8 1.00 937  
## y\_sum\_diff[89] -25.0 -8.0 2.0 -9.7 8.5 1.00 844  
## y\_sum\_diff[90] -27.0 -12.0 -3.0 -13.3 7.3 1.00 1014  
## y\_sum\_diff[91] 0.0 0.0 0.0 0.0 0.3 1.00 948  
## y\_sum\_diff[92] 0.0 0.0 0.0 -0.1 0.4 1.00 953  
## y\_sum\_diff[93] 0.0 0.0 0.0 0.0 0.4 1.00 1056  
## y\_sum\_diff[94] 0.0 0.0 0.0 0.0 0.3 1.00 859  
## y\_sum\_diff[95] 0.0 0.0 0.0 -0.1 0.4 1.00 1098  
## y\_sum\_diff[96] 0.0 0.0 0.0 -0.1 0.4 1.00 970  
## y\_sum\_diff[97] 0.0 0.0 0.0 -0.1 0.6 1.00 1032  
## y\_sum\_diff[98] 0.0 0.0 0.0 -0.1 0.7 1.00 976  
## y\_sum\_diff[99] 0.0 0.0 0.0 -0.1 0.6 1.00 988  
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## y\_sum\_diff[101] 0.0 0.0 0.0 -0.1 0.6 1.00 994  
## y\_sum\_diff[102] -2.0 0.0 0.0 -0.2 0.8 1.00 923  
## y\_sum\_diff[103] 0.0 0.0 0.0 -0.1 0.5 1.01 733  
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## y\_sum\_diff[105] 0.0 0.0 0.0 -0.1 0.5 1.00 1021  
## y\_sum\_diff[106] -2.0 0.0 0.0 -0.2 0.7 0.99 988  
## y\_sum\_diff[107] -1.0 0.0 0.0 -0.1 0.6 1.00 999  
## y\_sum\_diff[108] -1.0 0.0 0.0 -0.1 0.7 1.00 976  
## y\_sum\_diff[109] -3.0 0.0 0.0 -0.4 1.0 1.00 1027  
## y\_sum\_diff[110] -2.0 0.0 0.0 -0.2 0.7 1.00 1151  
## y\_sum\_diff[111] -2.0 0.0 0.0 -0.3 0.9 1.00 928  
## y\_sum\_diff[112] -2.0 0.0 0.0 -0.3 0.9 1.00 992  
## y\_sum\_diff[113] -2.0 0.0 0.0 -0.3 0.9 1.00 964  
## y\_sum\_diff[114] -2.0 0.0 0.0 -0.3 0.9 1.00 1021  
## y\_sum\_diff[115] -4.0 0.0 0.0 -0.6 1.5 1.00 1142  
## y\_sum\_diff[116] -4.0 0.0 0.0 -0.7 1.7 1.01 1046  
## y\_sum\_diff[117] -3.0 0.0 0.0 -0.5 1.3 1.00 986  
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## y\_sum\_diff[124] -3.0 0.0 0.0 -0.6 1.2 1.00 1013  
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## y\_sum\_diff[128] -4.0 0.0 0.0 -0.8 1.4 1.00 991  
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## y\_sum\_diff[130] -26.0 9.0 37.0 7.9 19.6 1.01 972  
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## y\_sum\_diff[133] -22.0 -2.0 12.0 -3.5 10.4 1.00 1155  
## y\_sum\_diff[134] -16.0 4.0 19.0 2.9 10.7 1.00 1075  
## y\_sum\_diff[135] -15.0 3.0 19.0 2.8 10.8 1.00 1004  
## y\_sum\_diff[136] -34.0 -4.0 22.0 -4.5 16.9 1.00 925  
## y\_sum\_diff[137] -31.0 3.0 37.0 2.9 21.0 1.00 1094  
## y\_sum\_diff[138] -36.0 3.0 34.0 1.4 21.6 1.00 1003  
## y\_sum\_diff[139] -16.0 6.0 21.0 4.3 11.3 1.00 1030  
## y\_sum\_diff[140] -22.0 0.0 15.0 -1.1 11.5 1.00 1013  
## y\_sum\_diff[141] -25.0 -3.0 13.0 -4.6 11.7 1.00 1000  
## y\_sum\_diff[142] -23.0 -6.0 4.0 -7.4 8.1 1.00 1010  
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## y\_sum\_diff[147] -2.0 2.0 2.0 1.3 1.4 1.00 846  
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## y\_sum\_diff[151] -9.0 3.0 11.0 1.8 6.3 1.00 1022  
## y\_sum\_diff[152] -14.0 -4.0 4.0 -4.0 5.7 1.00 1054  
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## y\_sum\_diff[154] -29.0 0.0 23.0 -1.2 15.7 1.00 992  
## y\_sum\_diff[155] -25.0 9.0 34.0 7.5 18.0 1.00 1007  
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## y\_sum\_diff[159] -34.0 -7.0 14.0 -8.0 15.0 1.00 878  
## fit 602.6 703.5 848.0 713.2 76.8 1.01 953  
## fit\_new 315.2 372.0 424.4 371.5 33.5 1.01 742  
## lp\_\_ -1769.6 -1723.4 -1681.4 -1724.2 26.9 1.00 744  
## Tail\_ESS  
## totalN 840  
## alpha0 734  
## alpha1 888  
## alpha2 824  
## alpha3 847  
## alpha4 992  
## alpha5 797  
## alpha6 785  
## beta0 876  
## beta1 860  
## beta2 830  
## beta3 870  
## beta4 838  
## beta5 1050  
## beta6 920  
## sd\_eps 776  
## sd\_p 842  
## N[1] 977  
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## N[3] 963  
## N[4] 1005  
## N[5] 987  
## N[6] 924  
## N[7] 924  
## N[8] 816  
## N[9] 924  
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## N[11] 869  
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## N[26] 942  
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## N[28] 1020  
## N[29] 903  
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## fit 888  
## fit\_new 775  
## lp\_\_ 931  
##   
## For each parameter, Bulk\_ESS and Tail\_ESS are crude measures of   
## effective sample size for bulk and tail quantities respectively (an ESS > 100   
## per chain is considered good), and Rhat is the potential scale reduction   
## factor on rank normalized split chains (at convergence, Rhat <= 1.05).