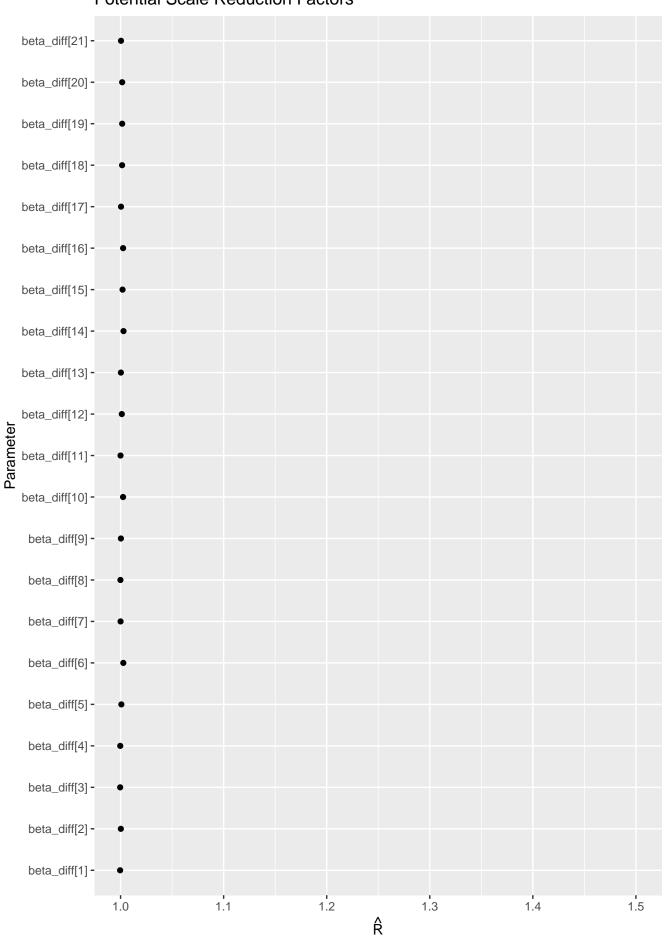


Potential Scale Reduction Factors



Shrinkage of Potential Scale Reduction Factors beta_diff[1] beta_diff[2] beta_diff[3] beta_diff[4] beta_diff[5] 1.5 -1.5 -1.5 -1.5 -1.5 -1.4 -1.4 -1.4 -1.4 -1.4 -1.3 -1.3 -1.3 -1.3 -1.3 -1.2 -1.2 **-**1.2 -1.2 -1.2 -1.1 -1.1 -1.1 -1.1 -1.1 -1.0 -250 500 7501000 250 500 7501000 250 500 7501000 250 500 7501000 250 500 7501000 beta_diff[6] beta_diff[7] beta_diff[8] beta_diff[9] beta_diff[10] 1.5 -1.5 -1.5 -1.5 -1.5 -1.4 -1.4 -1.4 -1.4 -1.4 -1.3 -1.3 -1.3 -1.3 -1.3 -1.2 -1.2 -1.2 -1.2 -1.2 -1.1 -1.1 -1.1 -1.1 -1.1 -250 500 7501000 250 500 7501000 250 500 7501000 250 500 7501000 250 500 7501000 beta_diff[11] beta_diff[12] beta_diff[13] beta_diff[15] beta_diff[14] 1.5 -1.5 -1.5 -1.5 -1.5 -1.4 -1.4 -1.4 -1.4 -1.4 -Rhat 1.2 -1.3 -1.3 -1.3 -1.3 -1.2 -1.2 -1.2 -1.2 -1.1 -1.1 -1.1 -1.1 -1.1 -250 500 7501000 0 250 500 7501000 250 500 7501000 250 500 7501000 beta_diff[17] beta_diff[16] beta_diff[18] beta_diff[19] beta_diff[20] 1.5 -1.5 **-**1.5 -1.5 -1.5 -1.4 -1.4 -1.4 -1.4 -1.4 -1.3 -1.3 -1.3 -1.3 -1.3 -1.2 -1.2 **-**1.2 -1.2 **-**1.2 -1.1 -1.1 -1.1 -1.1 -1.1 -1.0 -0 250 500 7501000 0 250 500 7501000 0 250 500 7501000 250 500 7501000 beta_diff[21] 1.5 -1.4 -1.3 -1.2 -1.1 -

Last iteration

1.0 -

250 500 7501000

Proportion of effective independent draws beta_diff[2] beta_diff[8] beta_diff[14] beta_diff[21] beta_diff[17] beta_diff[11] beta_diff[1] beta_diff[19] beta_diff[18] beta_diff[7] -Parameter beta_diff[15] beta_diff[3] beta_diff[16] beta_diff[9] beta_diff[4] beta_diff[10] beta_diff[6] beta_diff[5] beta_diff[13] beta_diff[12] beta_diff[20] -0.00 0.25 0.50 0.75 1.00 Effective

Geweke Diagnostics beta_diff[21] beta_diff[20] beta_diff[19] beta_diff[18] beta_diff[17] beta_diff[16] beta_diff[15] beta_diff[14] beta_diff[13] beta_diff[12] -Chain Parameter beta_diff[11] beta_diff[10] beta_diff[9] beta_diff[8] beta_diff[7] beta_diff[6] beta_diff[5] beta_diff[4] beta_diff[3] beta_diff[2] beta_diff[1] -0 -2 Z

beta_diff beta_diff[14] beta_diff[16] beta_diff[2] beta_diff[10] beta_diff[11] beta_diff[21] beta_diff[1] beta_diff[20] beta_diff[17] beta_diff[5] -Parameter beta_diff[4] beta_diff[19] beta_diff[7] beta_diff[9] beta_diff[12] beta_diff[8] beta_diff[3] beta_diff[13] beta_diff[18] beta_diff[6] beta_diff[15] -0.2 -0.2 0.0 **HPD**