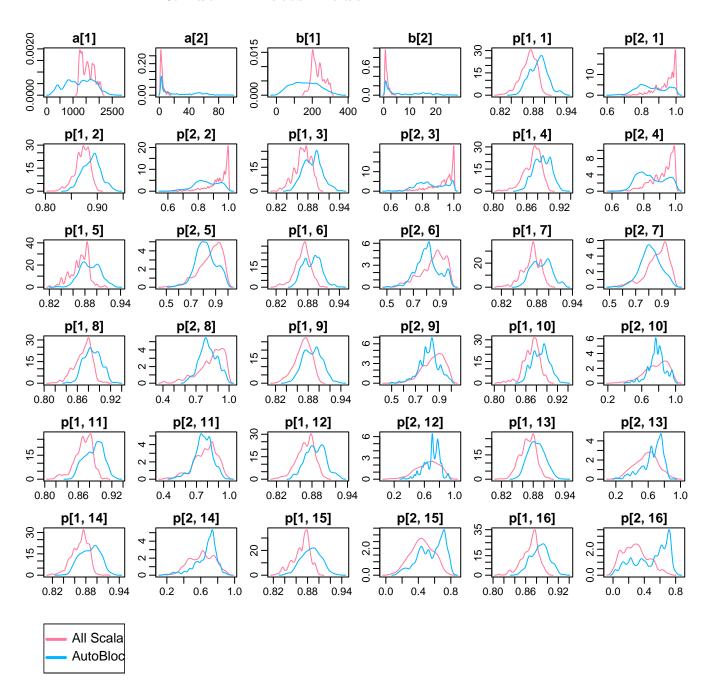
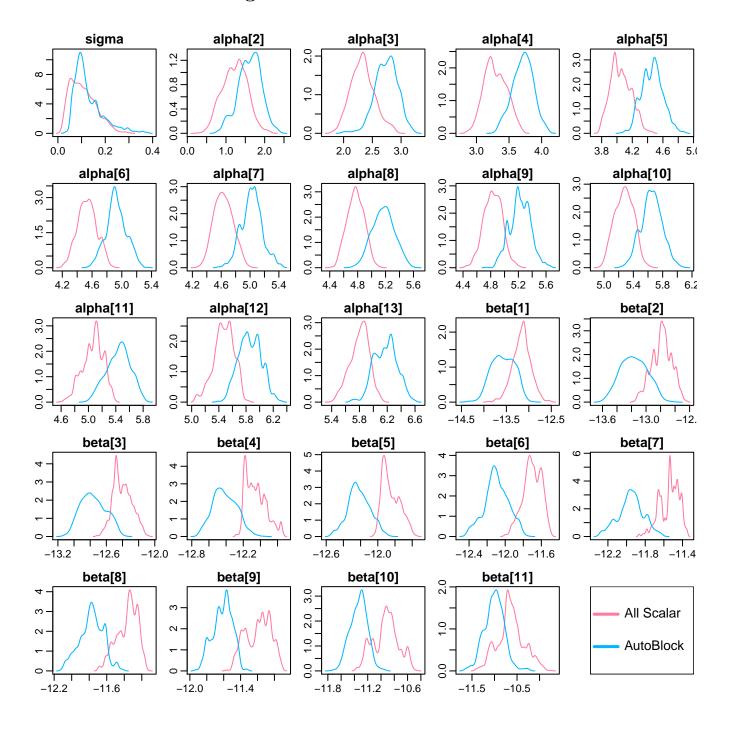
Automated Blocking Posterior Density Plots

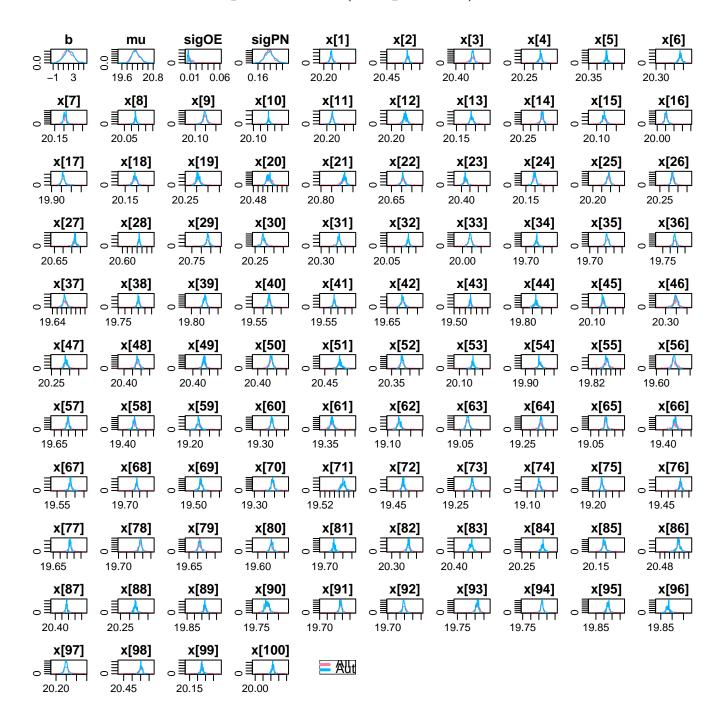
1 Random Effects model



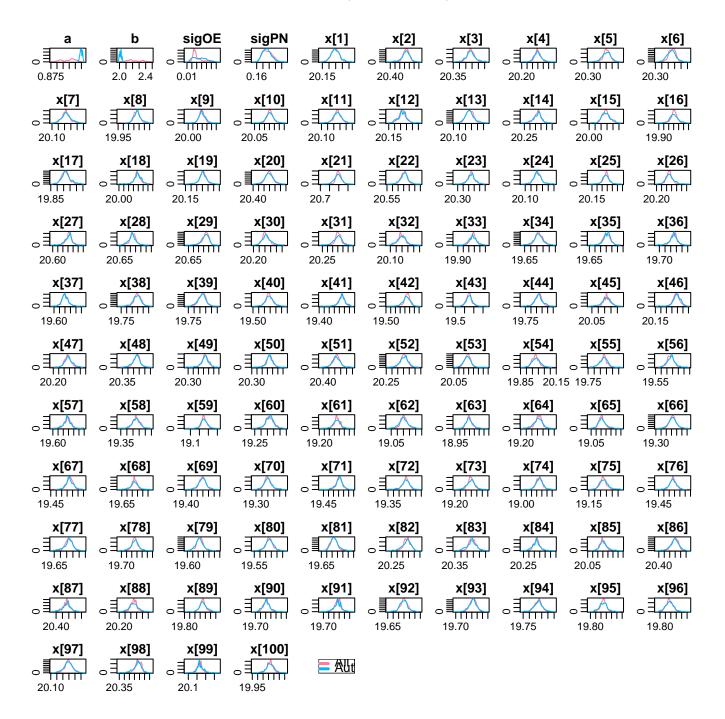
2 Auto-Regressive model



3 State Space model (independent)



4 State Space model (correlated)



5 Spatial model

mu 0. ■	rho ○ 1000 20	sigma	g[1] 00 -12 2	g[2] 0. 1.11 -15	g[3] ⊙ g[3] −8 2	g[4] ○ ■	g[5] ⊙ • • • • • • • • • • • • • • • • • • •	g[6] ⊙ — — — — — — — — — — — — — — — — — — —	g[7] ⊝ □ ∏∏ −2 2	g[8] 0 11111 -6 2	g[9] 0.5
g[10] ⊙ 1 .5	g[11] 0	g[12] ○ 1111 7.85	g[13] ○ 111 7.55	g[14] ○ 1 1111 6.80	g[15] ○ ¶∏ 7.00	g[16] 0:	g[17] ○ ■	g[18] ⊙ ■ ∏ −6 2	g[19] ○ ■	g[20] 0 • • • • • • • • • • • • • • • • • • •	g[21] 0
g[22] 0 1111111 3.0	g[23] ○ 11111 -6 2	g[24] 0 - 1111 4.2	g[25] O.0	g[26] 0 -6 2	g[27] ⊝ 1	g[28] 0 1 1 2.8	g[29] -6 2	g[30] -6 2	g[31] 0 -4	g[32] O 1111 5.7	g[33] 0 - 11111 6.75
g[34] 0 111111111111111111111111111111111111	g[35] ○ 1 111 4.0	g[36] Similar 3.6	g[37] Similar 2.6	g[38] O	g[39] 6.00	g[40] • • • • • • • • • • • • • • • • • • •	g[41] ⊝ ■ ↑ ↑ ↑ 2.0	g[42] ⊝ = 1.5	g[43] 0: 111 2.5	g[44] 0 2.0	g[45] Similar 2.8
g[46] 0 11111	g[47] ○ ■	g[48] ○ ■ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	g[49] 0 11111 5.3	g[50] 5.95	g[51] ○ ■	g[52] ○ ■	g[53] 0 — 11111111111111111111111111111111111	g[54] 0	g[55] ○ ■ ↑ ↑ ↑ ↑ ↑ 7.75	g[56] ○ ■ 1111 5.4	g[57] ○ ■ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑
g[58] 0.0	g[59] Signature 3.0	g[60] S 13.2	g[61] ○ ¶	g[62] ○ 1 1111 5.5	g[63] ○ ■ 6.75	g[64] 0 1111	g[65] ○ ■	g[66] 0 1 8.02	g[67] ○ ■ ↑ ↑ ↑ ↑ ↑ 5.6	g[68] 0 -3 2	g[69] 0
g[70] 0 1111 2.0	g[71] ○ =	g[72] ○ 1.5	g[73] ⊝ ≣ ππ1 1.5	g[74] 0 1 1.0 3.0	g[75] 0 — — — — — — — — — — — — — — — — — — —	g[76] ○ 1 11111111111111111111111111111111111	g[77] ○ ■	g[78] 0 -0.5	g[79] ○ 1 -1	g[80] ○ 1 111 2.0	g[81] 0
g[82] ○ ■ 1111 1.5	g[83] ○ = -0.5	g[84] ○ • • • • • • • • • • • • • • • • • • •	g[85] ○ 1111 -4	g[86] ○ 11111 -6 2	g[87] ○ 1. 0	g[88] ○ 1. 0	g[89] ○ -1 3	g[90] ○ ■	g[91] ○ ■ 4.4	g[92] 0 - 1111 6.0	g[93] ○ ■
g[94] ○ ■	g[95] Similar 3.4	g[96] Simplify 2.5	g[97] ⊝ ■	g[98] 0: 111 2.5	g[99] ○ 1111 4.2	g[100] ○ ■	g[101]	g[102] 3.2	g[103] 3.2	g[104] ⊝ 111 2.5	g[105] 2.0
g[106]	g[107]	g[108] ⊝ ■	g[109]	g[110] 0 — — — — — — — — — — — — — — — — — — —	g[111]	g[112] ⊙ 111 2.5	g[113] ○ ■ 3.0	g[114] ○■∏∏ 5.5	g[115]	g[116] ○ ■	g[117]
g[118] 0: 111 2.5	g[119] ⊙ 1	g[120] S 10.5	g[121] ⊝ ■ 	g[122] 0	g[123] 0	g[124] 0	g[125]	g[126]	g[127] S 16	g[128] Ö 1111 4.0	g[129] ○ ■
g[130]	g[131] ⊝ =	g[132] ⊝ ■ 3.8	g[133] ⊝ = 111 2.5	g[134] ⊝ = 111 2.5	g[135] ⊝ 1 .5	g[136] ⊝ ■ ∏ −1	g[137] ⊝ 111 2.5	g[138] S	g[139] ⊝ 1111 4.0	g[140] 4.7	g[141 ○ ■
g[142] ⊙ Timili 2.8	g[143] 0 11111 5.2	g[144] ⊝ ∏ 0.5	g[145] o	g[146] ⊝ ■	g[147]	g[148]	■ AI				

