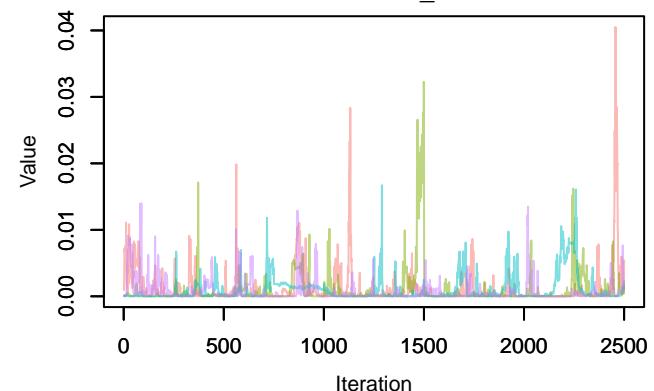
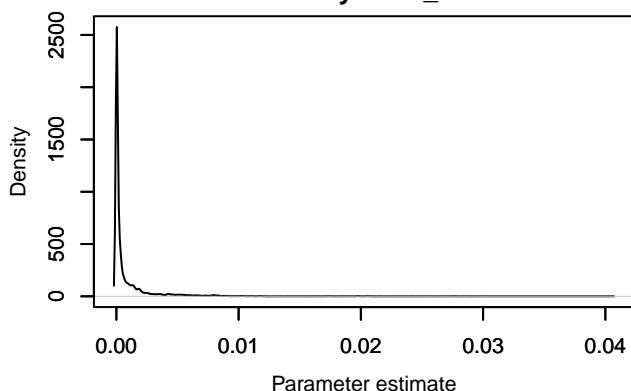
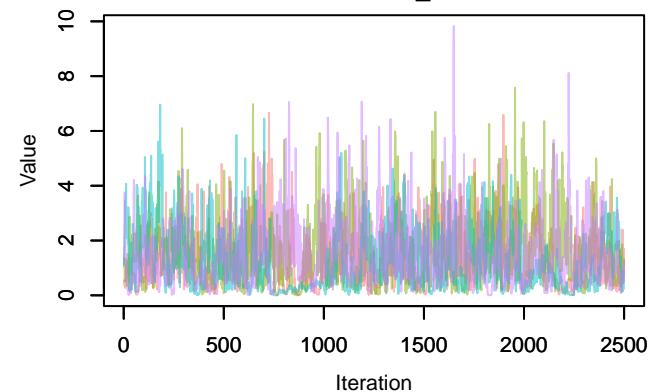
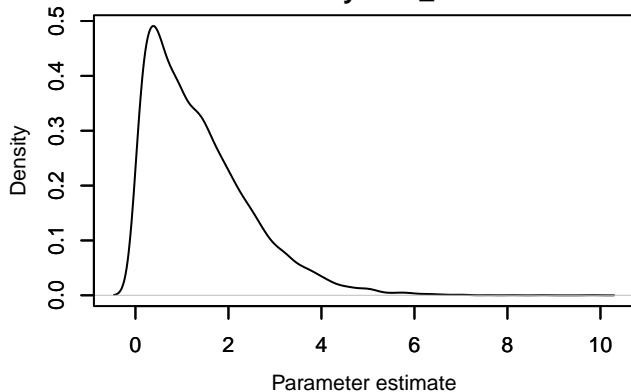
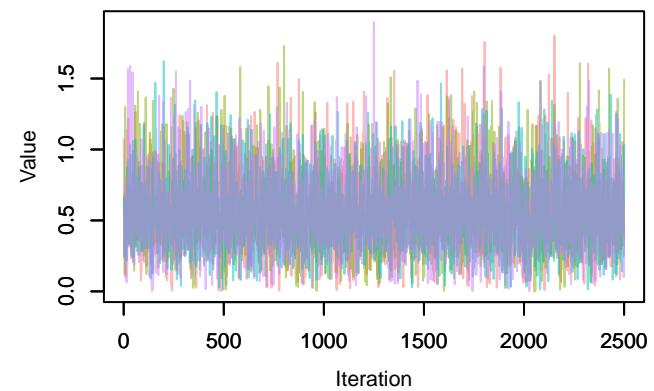
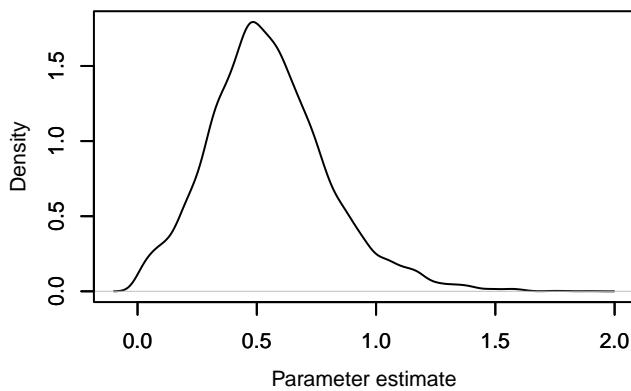
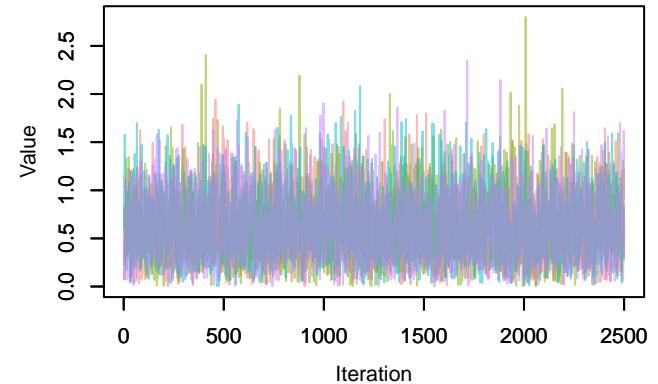
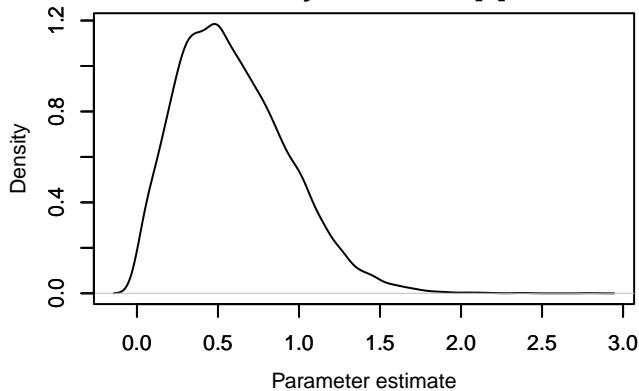
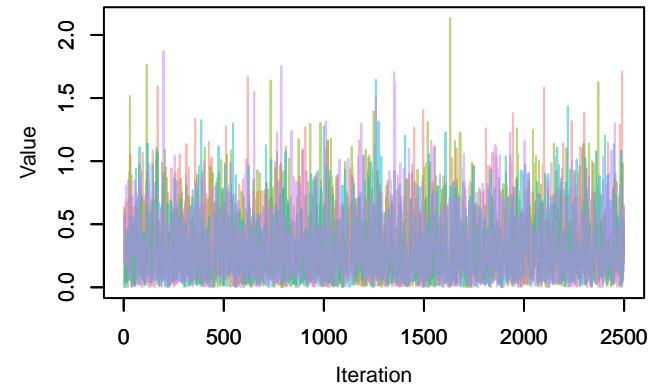
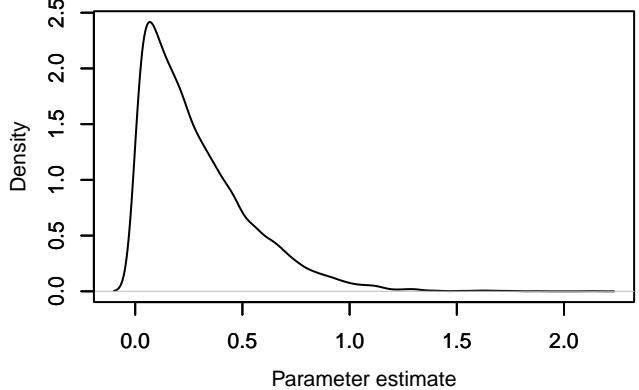
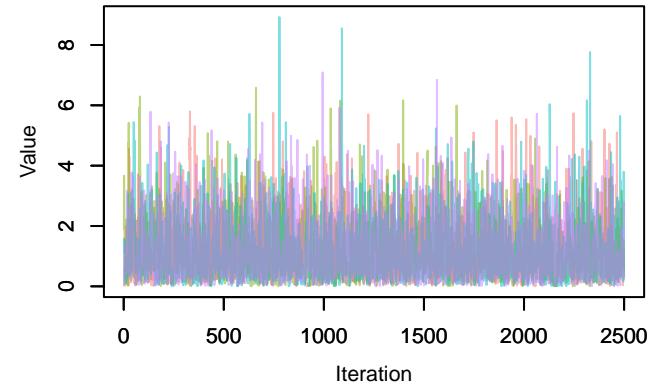
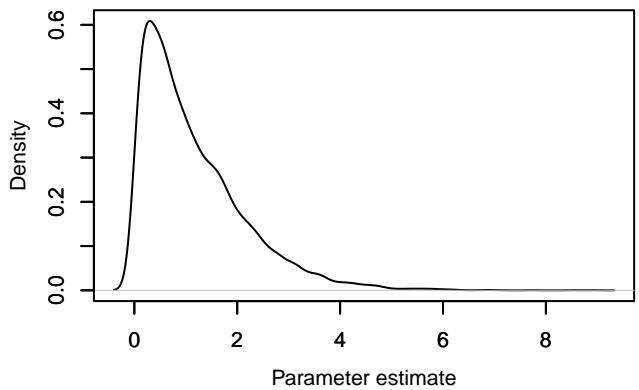
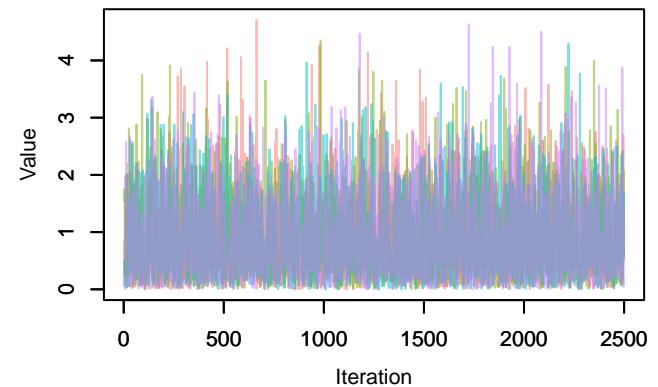
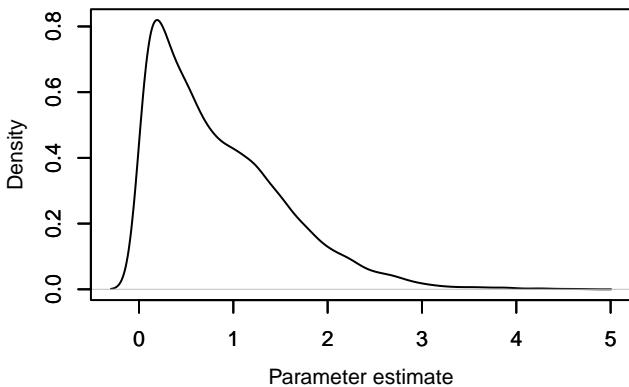
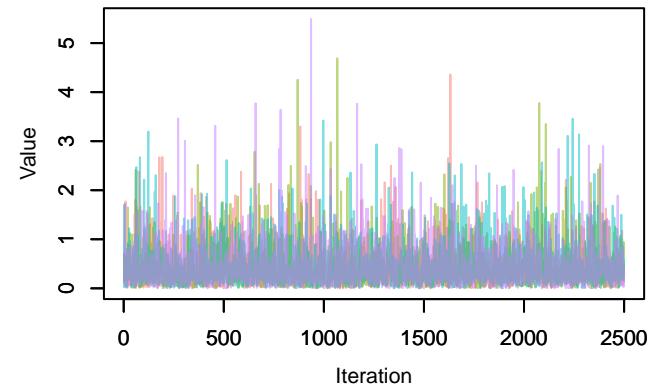
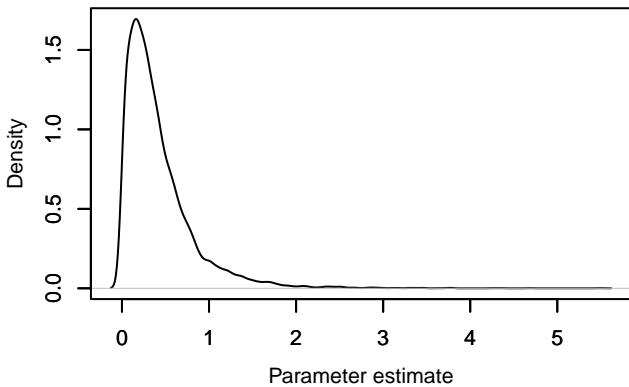
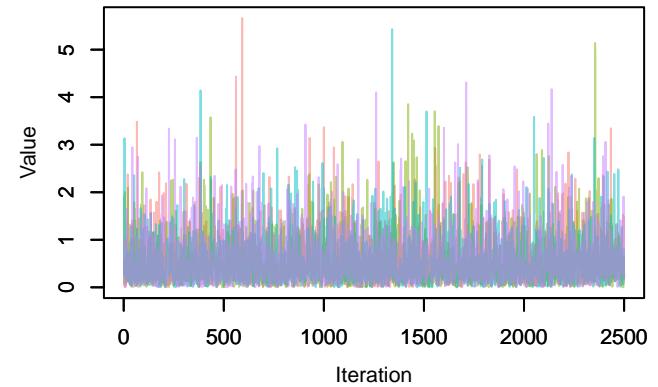
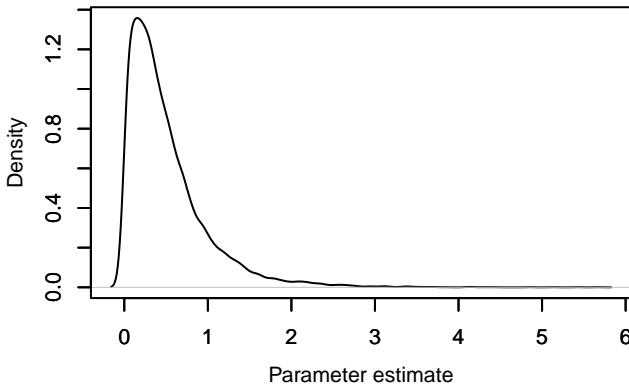
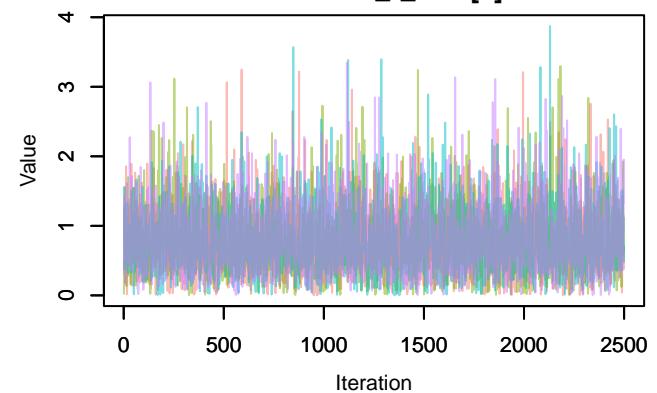
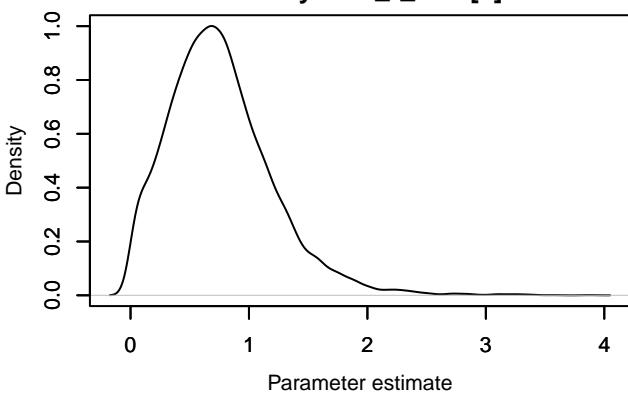
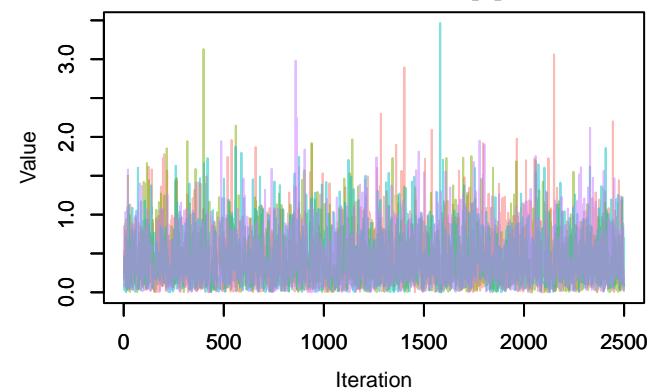
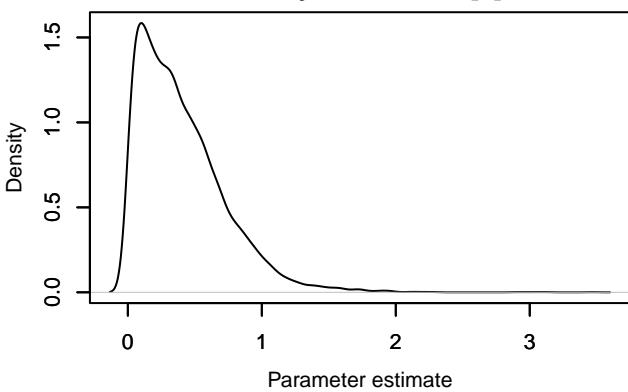
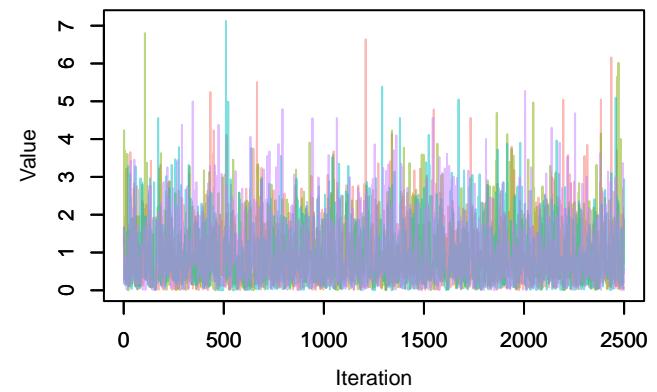
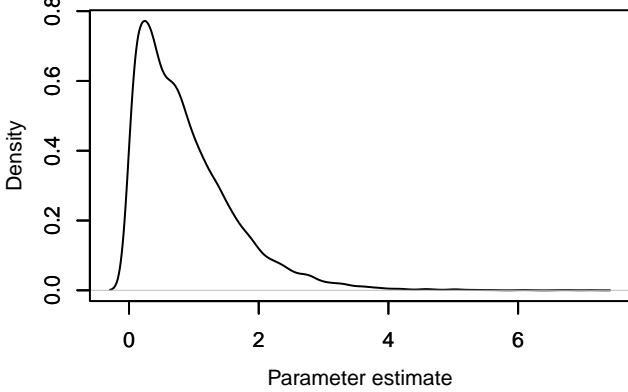
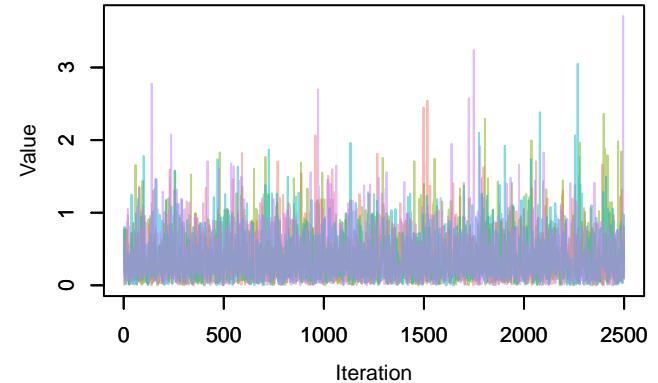
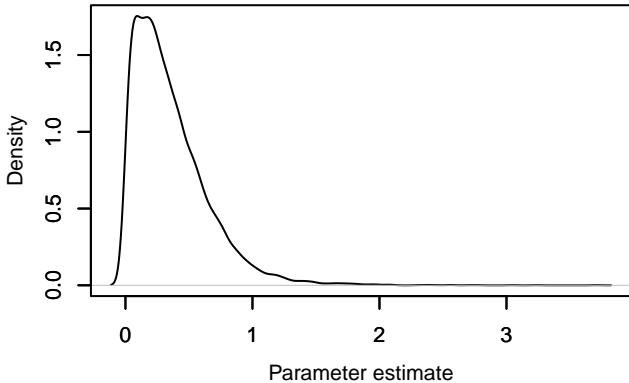
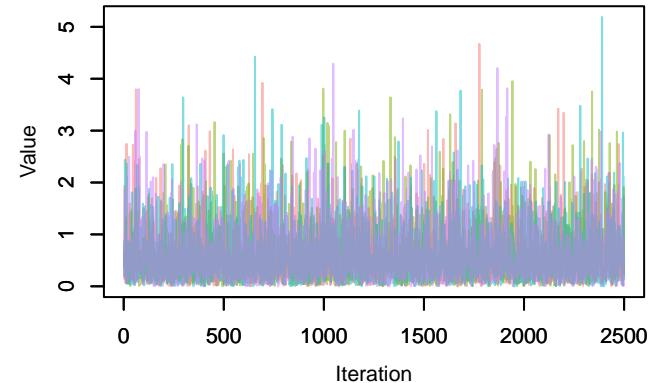
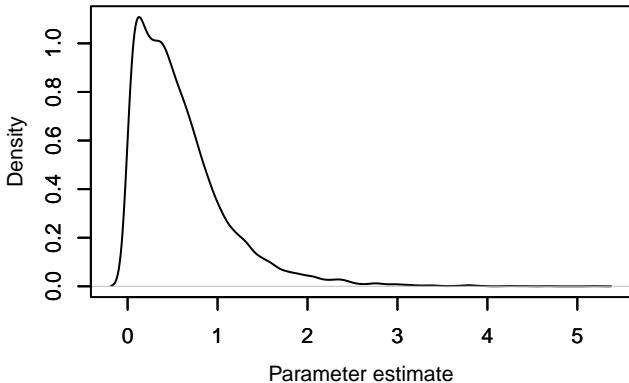
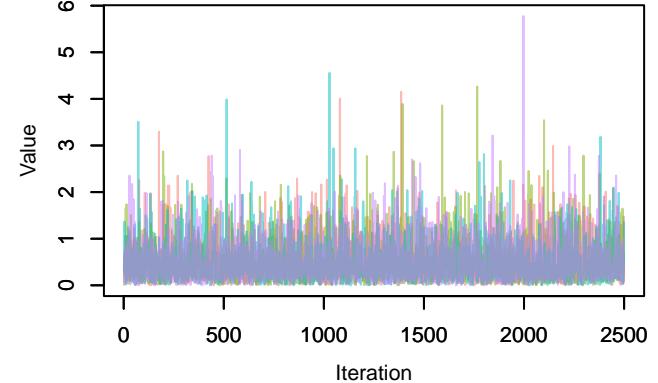
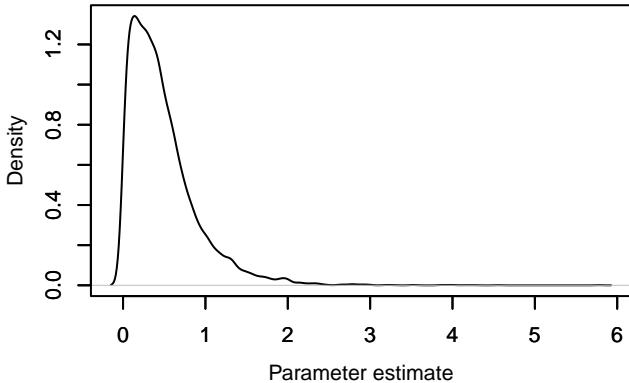


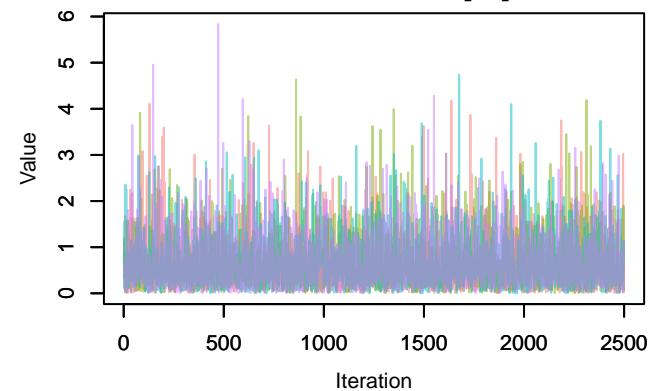
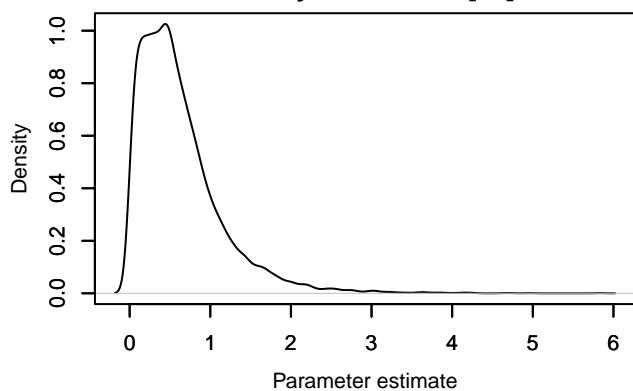
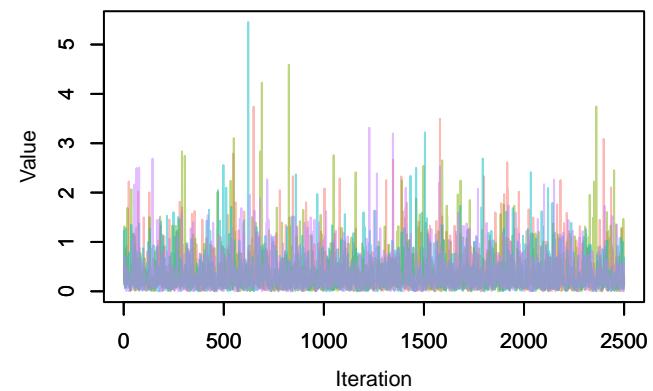
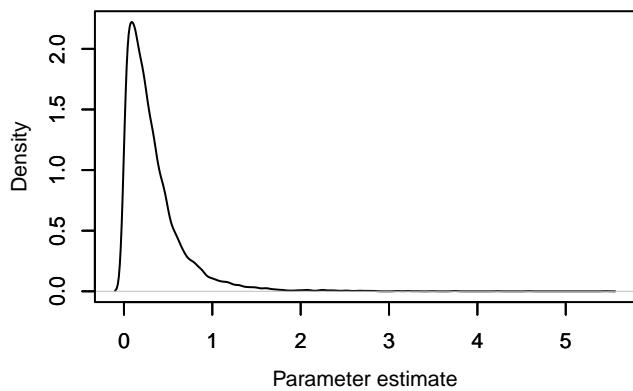
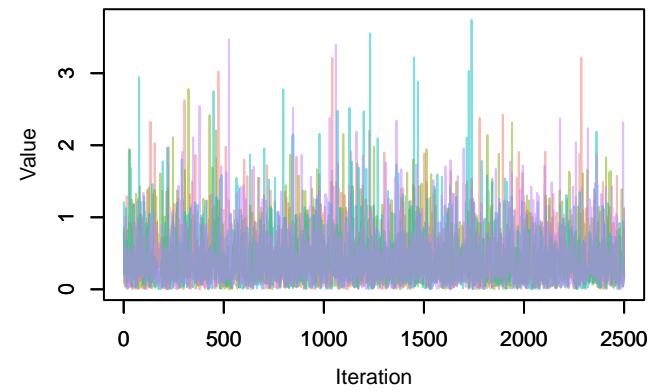
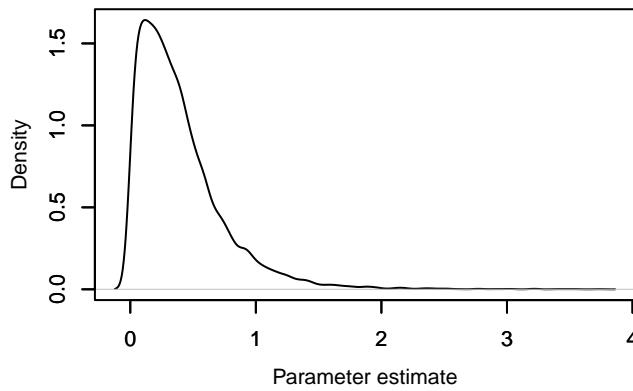
**Trace – mu\_nu****Density – mu\_nu****Trace – sd\_nu****Density – sd\_nu****Trace – sd\_r\_time[1]****Density – sd\_r\_time[1]**

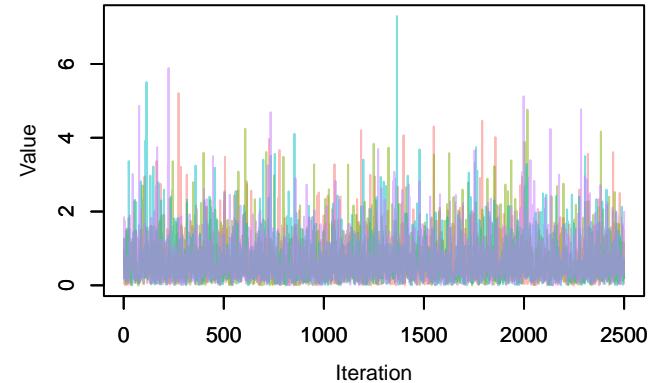
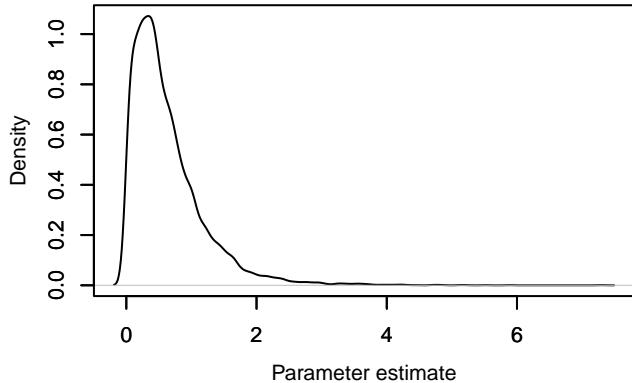
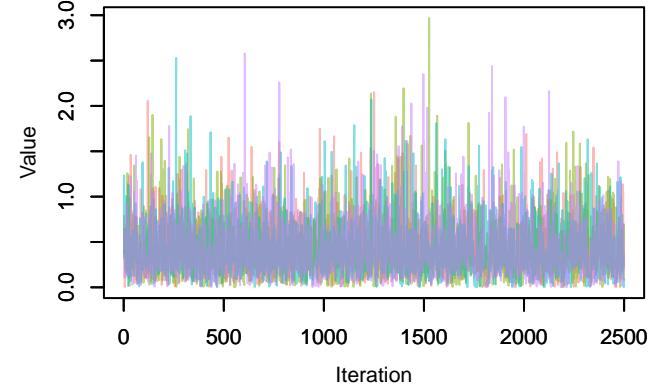
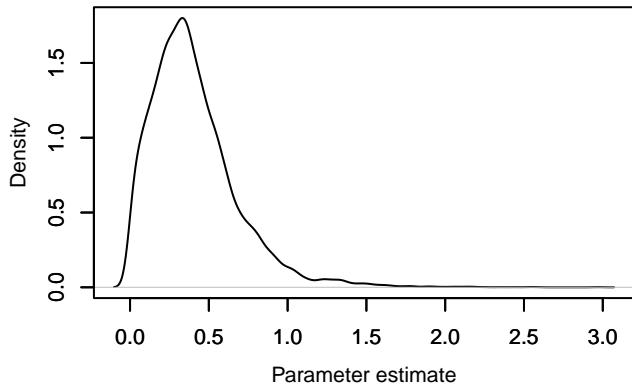
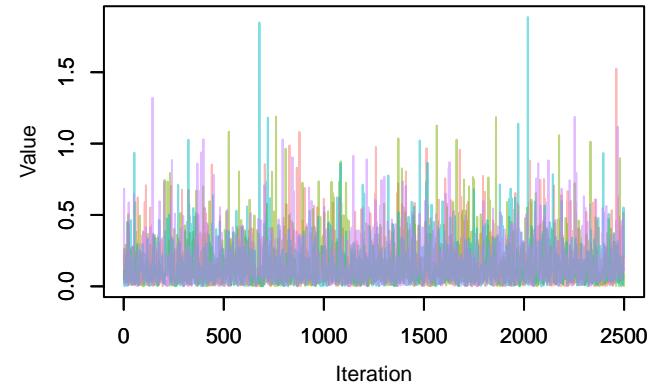
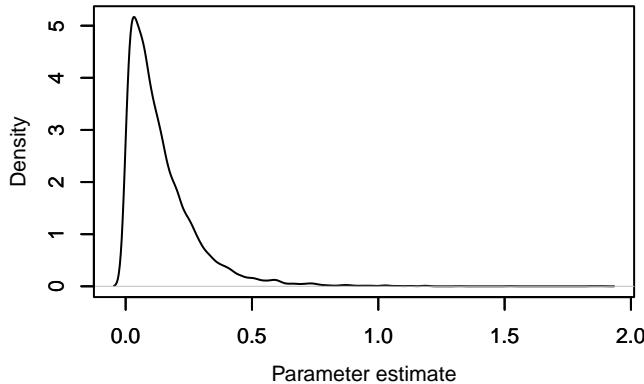
**Trace –  $sd_r$ \_time[2]****Density –  $sd_r$ \_time[2]****Trace –  $sd_r$ \_time[3]****Density –  $sd_r$ \_time[3]****Trace –  $sd_r$ \_time[4]****Density –  $sd_r$ \_time[4]**

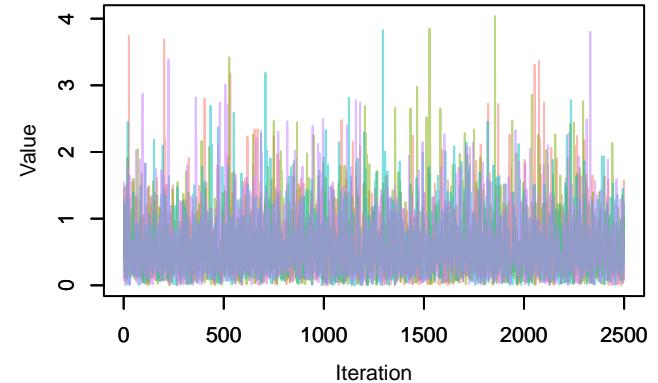
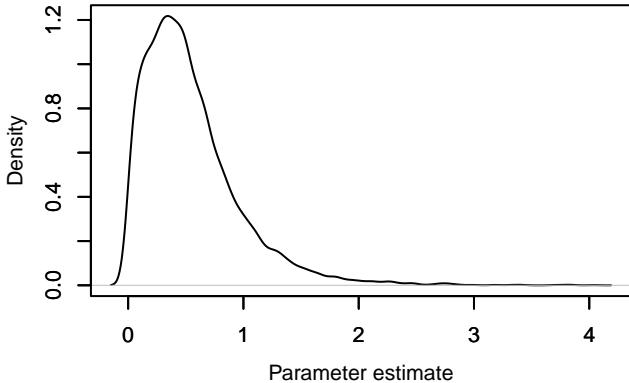
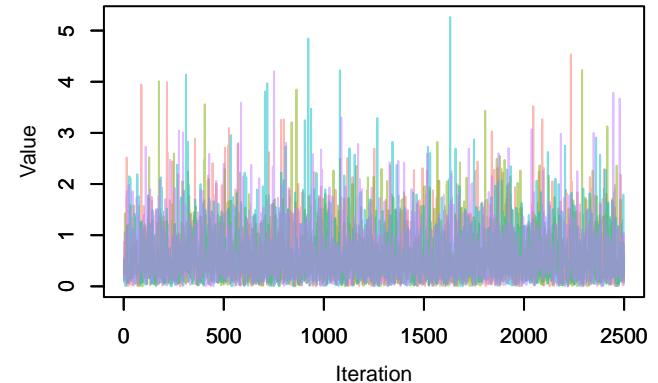
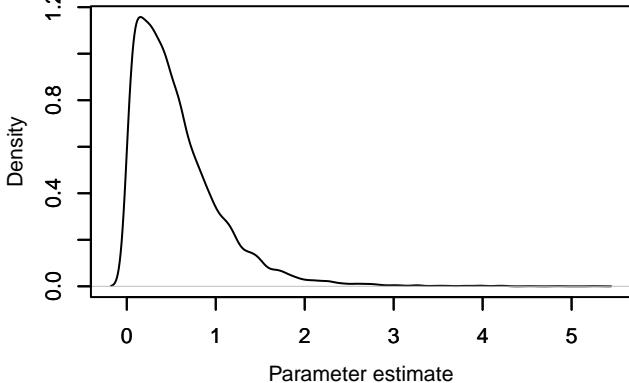
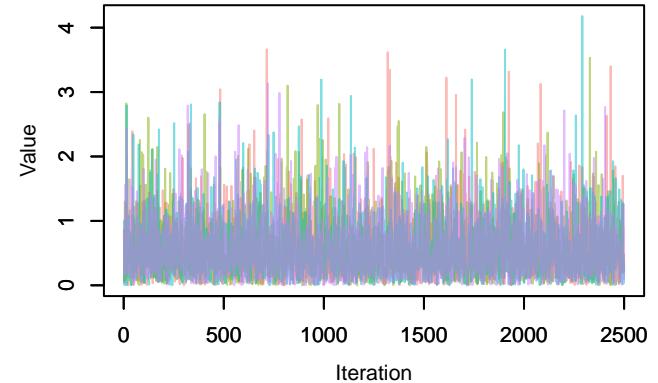
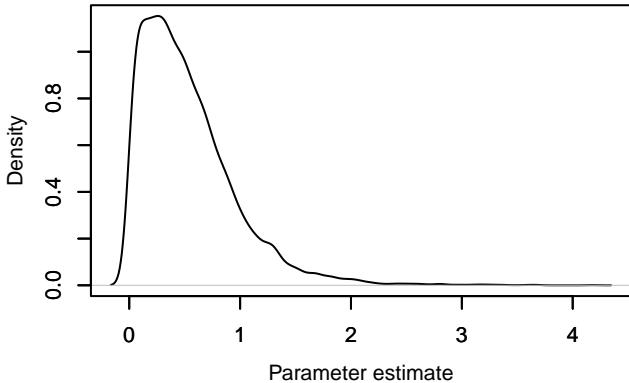
**Trace – sd\_r\_time[5]****Density – sd\_r\_time[5]****Trace – sd\_r\_time[6]****Density – sd\_r\_time[6]****Trace – sd\_r\_time[7]****Density – sd\_r\_time[7]**

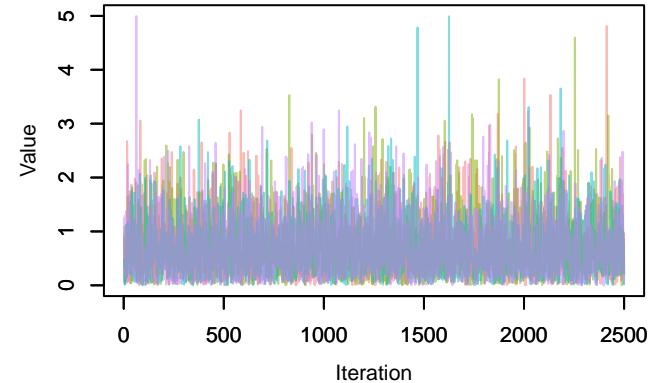
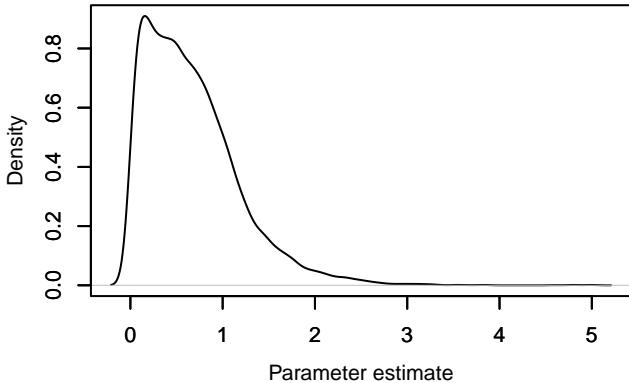
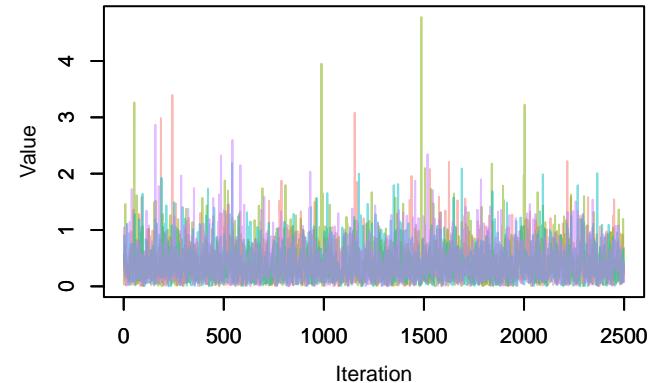
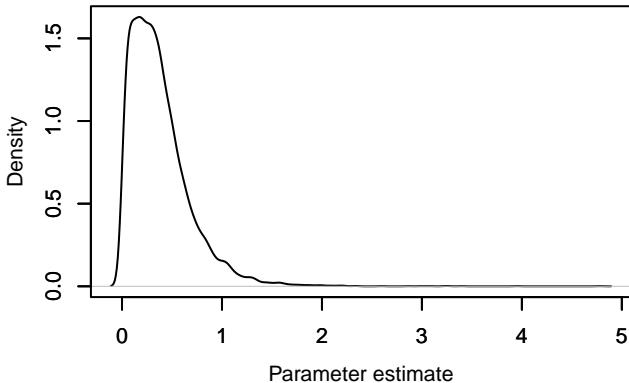
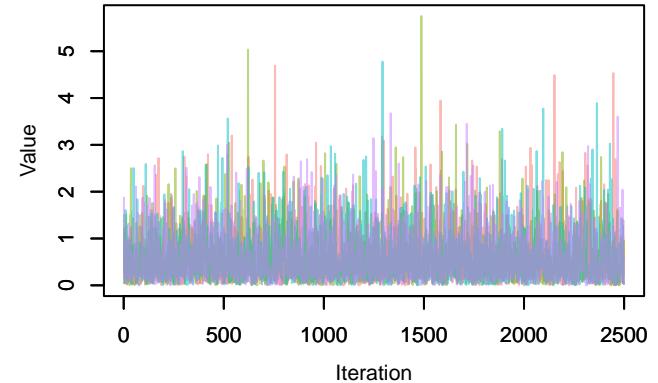
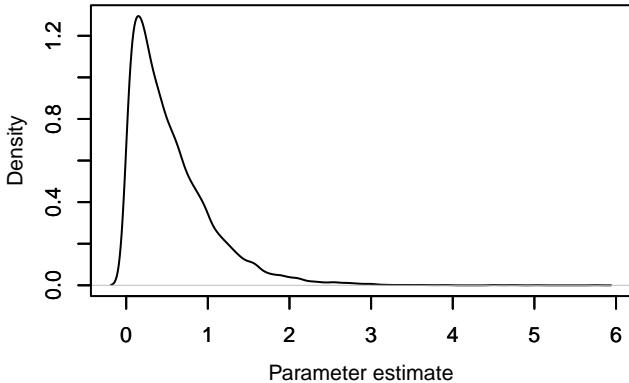
**Trace – sd\_r\_time[8]****Density – sd\_r\_time[8]****Trace – sd\_r\_time[9]****Density – sd\_r\_time[9]****Trace – sd\_r\_time[10]****Density – sd\_r\_time[10]**

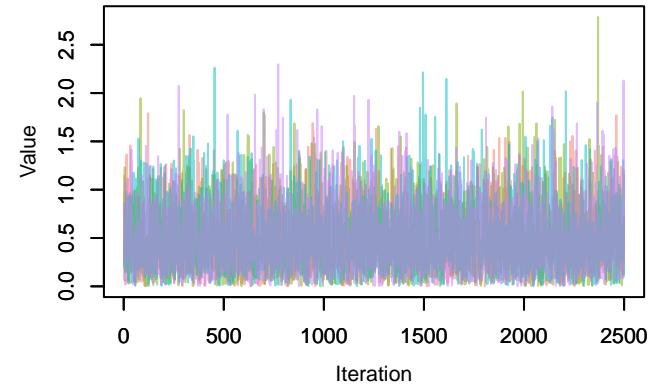
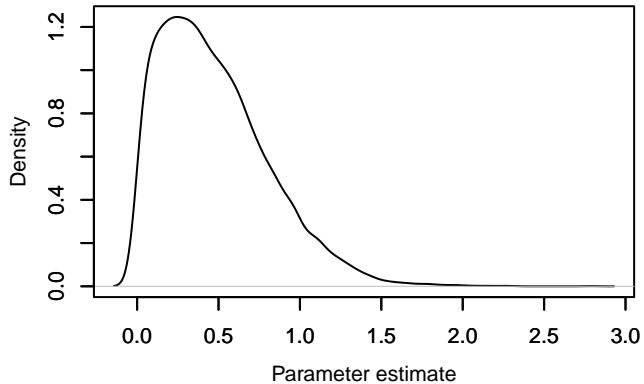
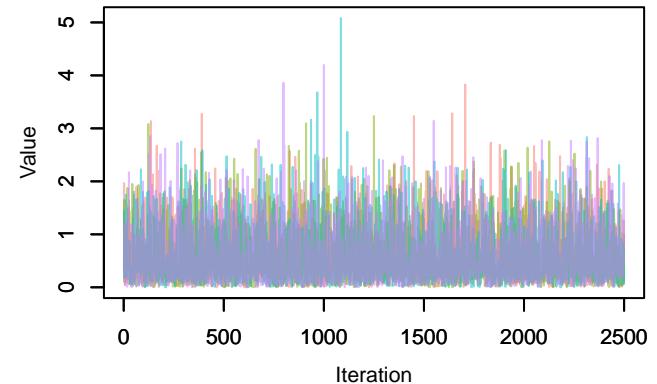
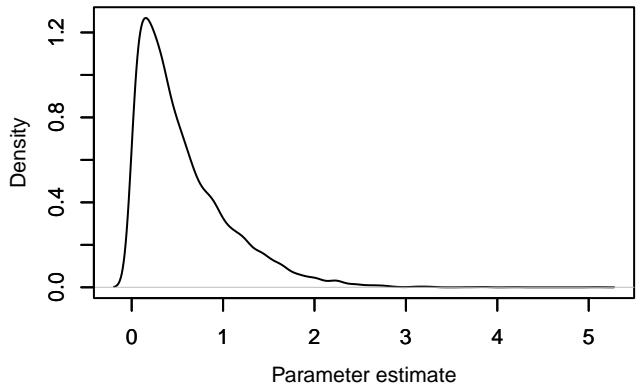
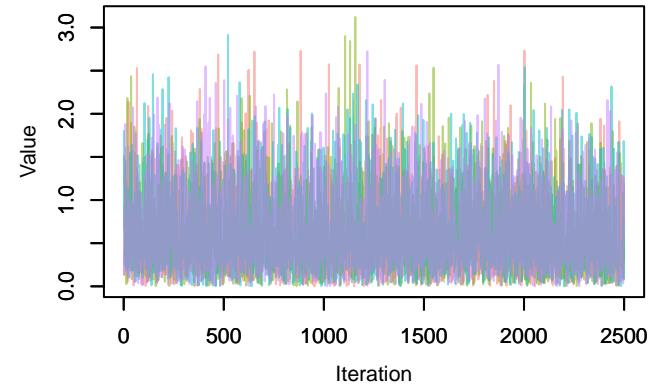
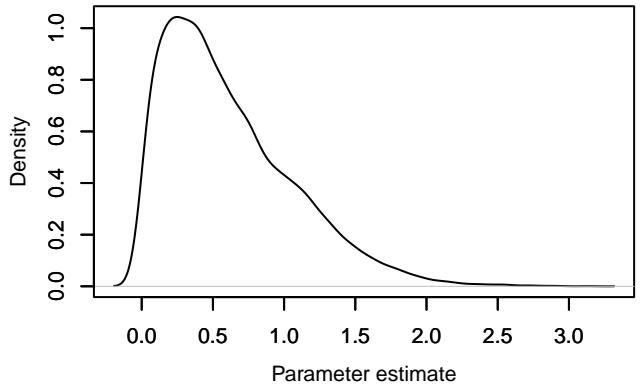
**Trace – sd\_r\_time[11]****Density – sd\_r\_time[11]****Trace – sd\_r\_time[12]****Density – sd\_r\_time[12]****Trace – sd\_r\_time[13]****Density – sd\_r\_time[13]**

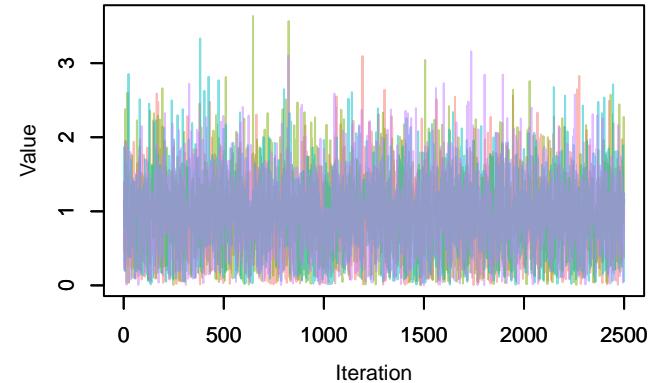
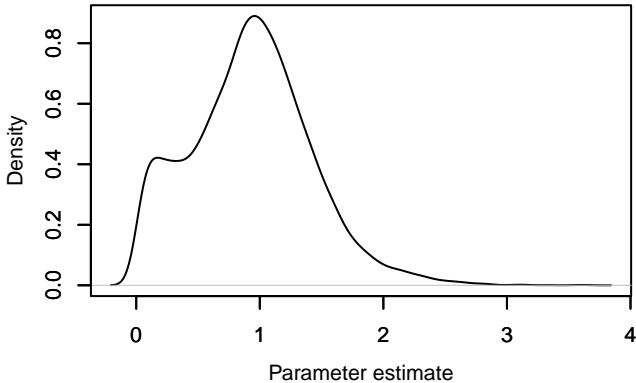
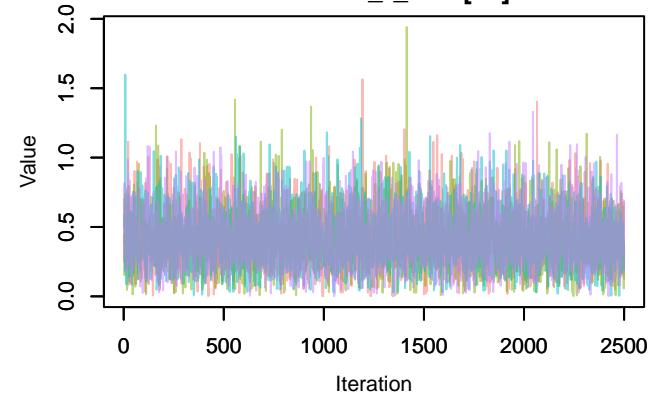
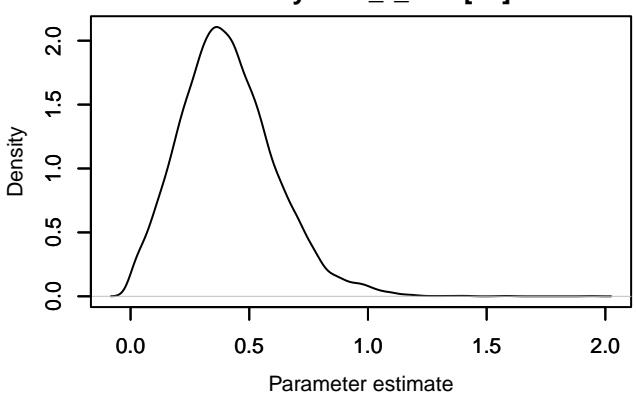
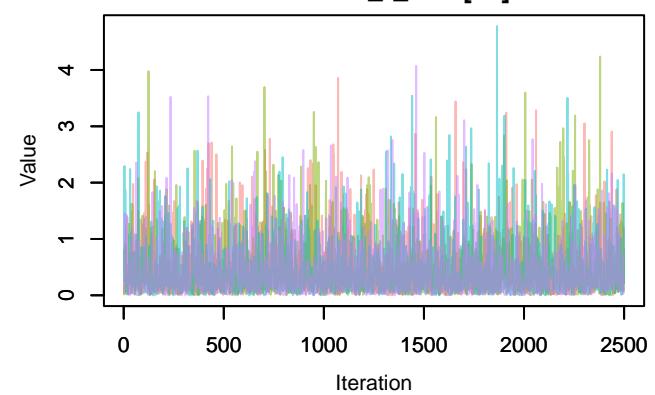
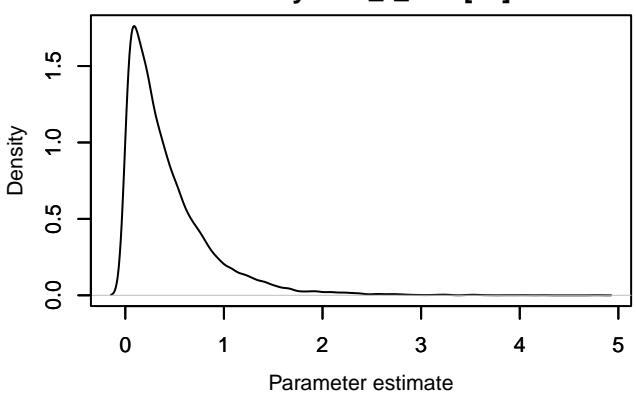
**Trace – sd\_r\_time[14]****Density – sd\_r\_time[14]****Trace – sd\_r\_time[15]****Density – sd\_r\_time[15]****Trace – sd\_r\_time[16]****Density – sd\_r\_time[16]**

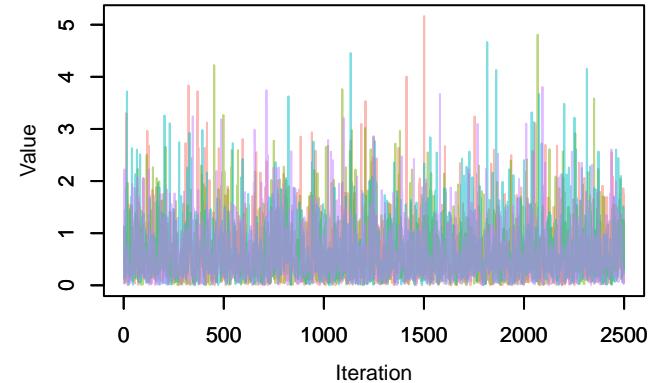
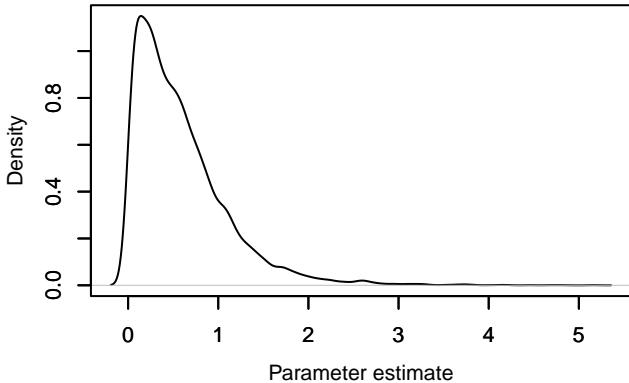
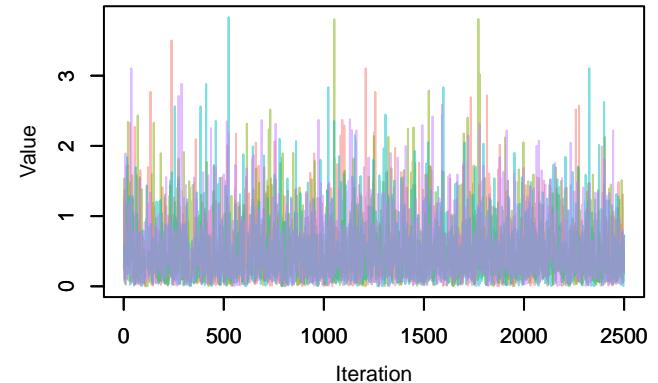
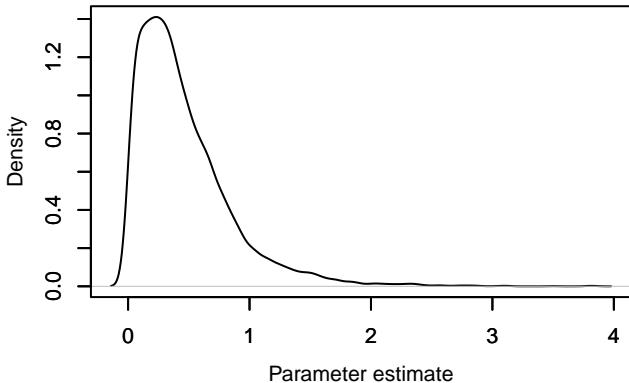
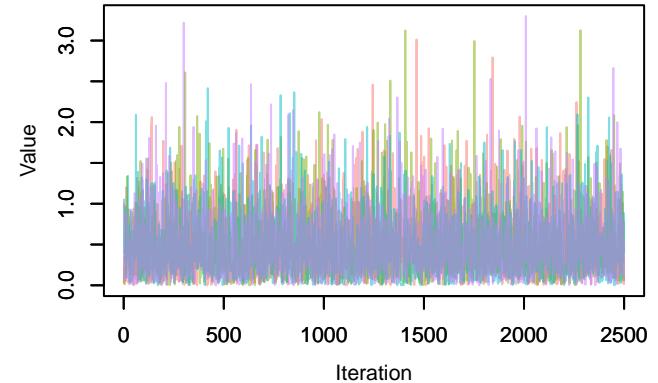
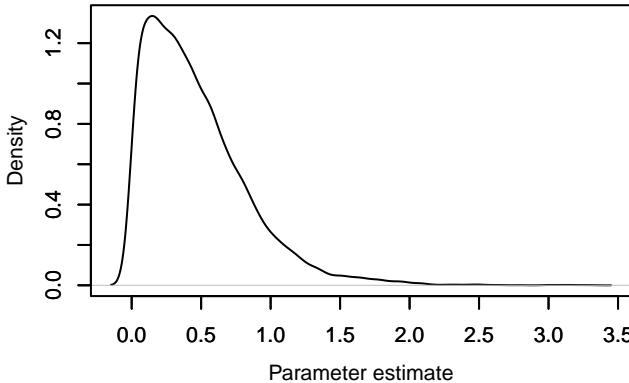
**Trace – sd\_r\_time[17]****Density – sd\_r\_time[17]****Trace – sd\_r\_time[18]****Density – sd\_r\_time[18]****Trace – sd\_r\_time[19]****Density – sd\_r\_time[19]**

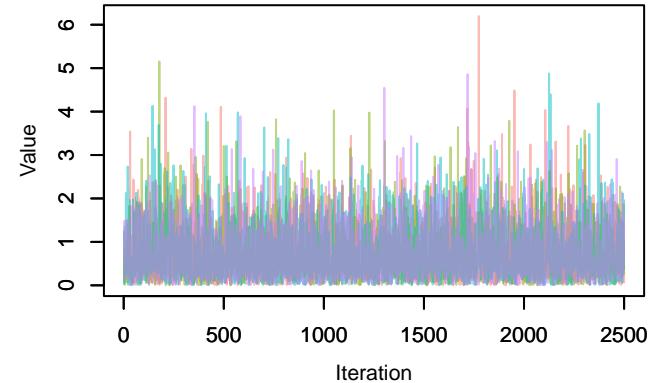
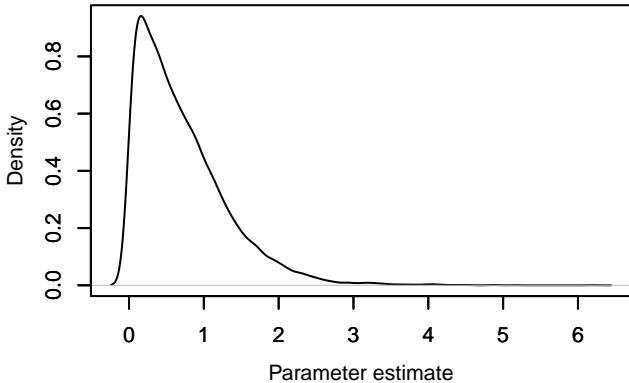
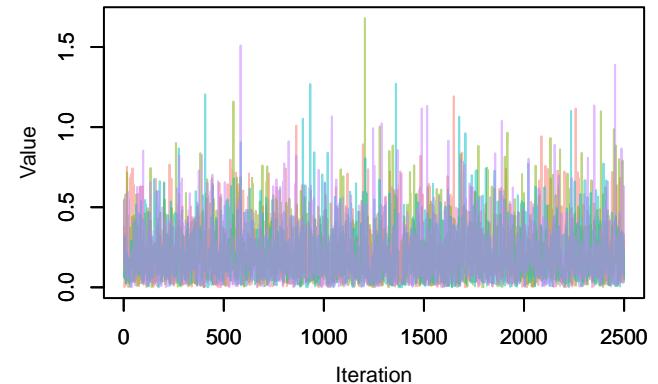
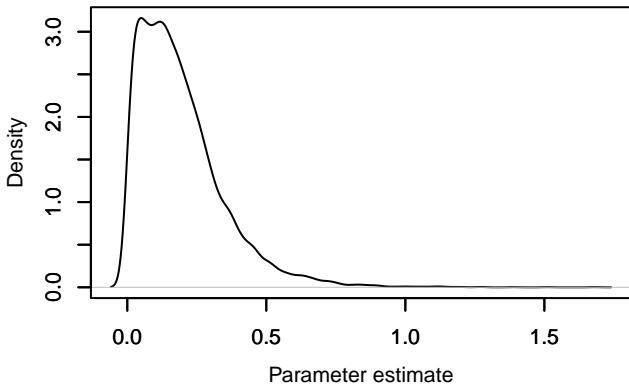
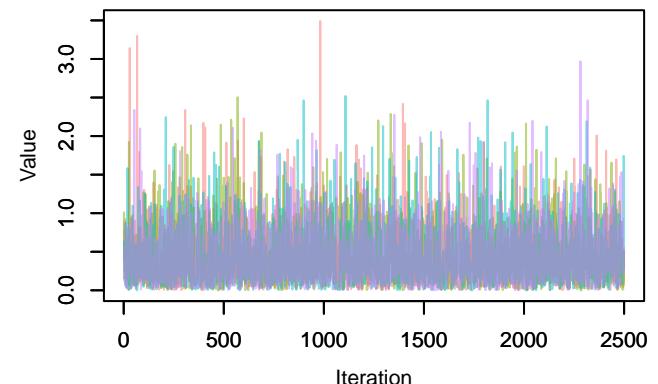
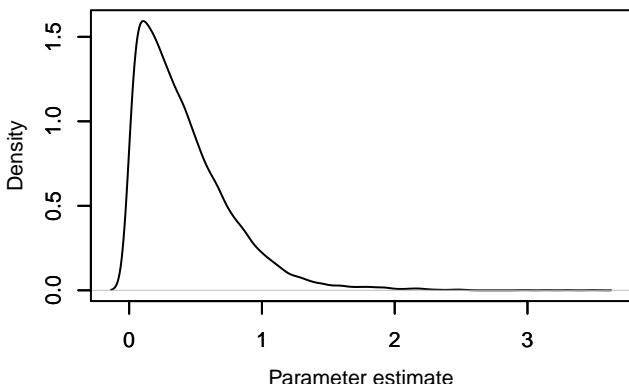
**Trace – sd\_r\_time[20]****Density – sd\_r\_time[20]****Trace – sd\_r\_time[21]****Density – sd\_r\_time[21]****Trace – sd\_r\_time[22]****Density – sd\_r\_time[22]**

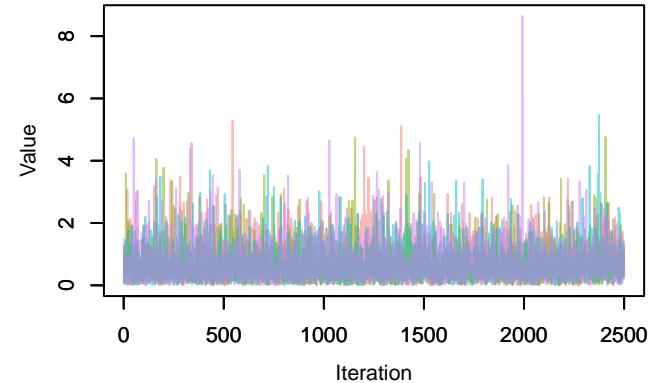
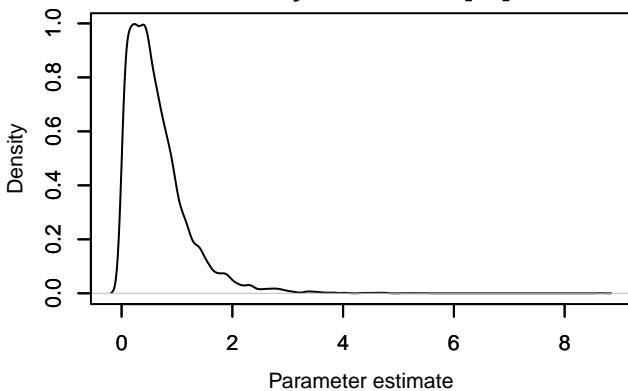
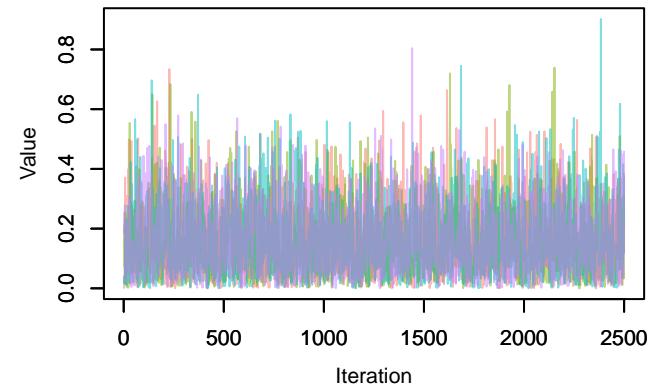
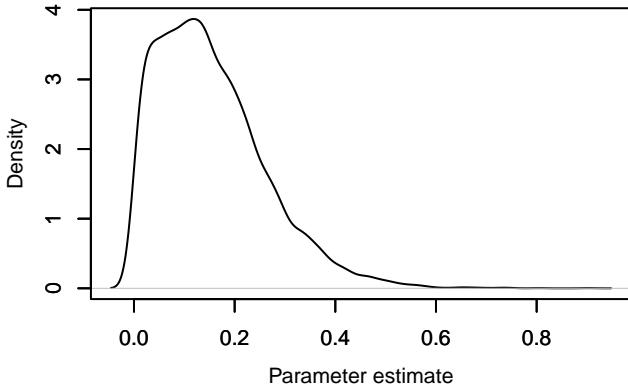
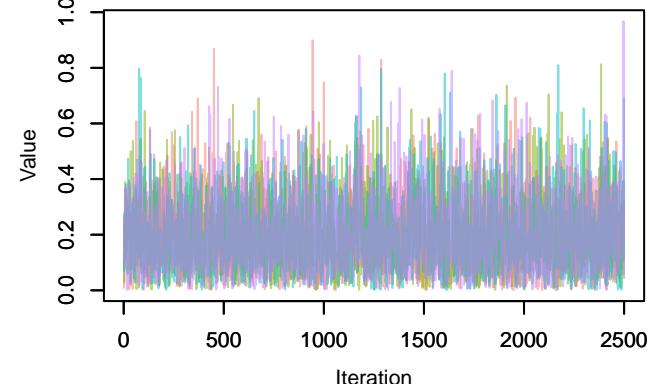
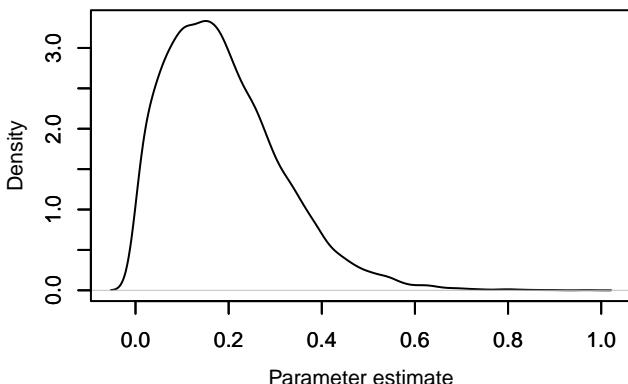
**Trace – sd\_r\_time[23]****Density – sd\_r\_time[23]****Trace – sd\_r\_time[24]****Density – sd\_r\_time[24]****Trace – sd\_r\_time[25]****Density – sd\_r\_time[25]**

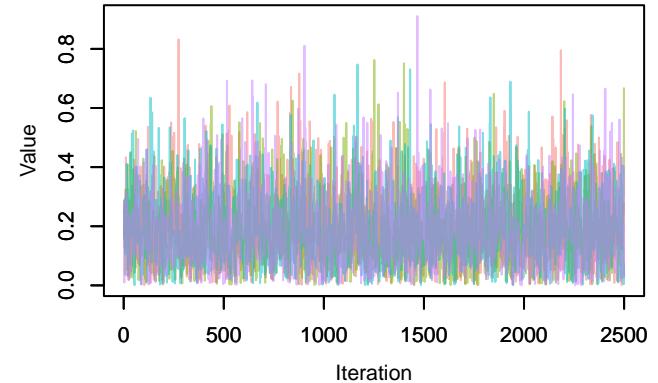
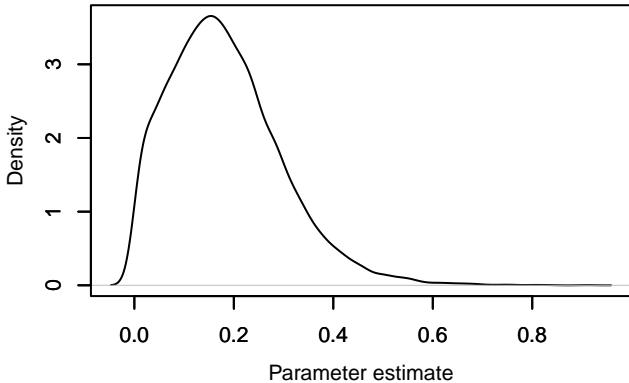
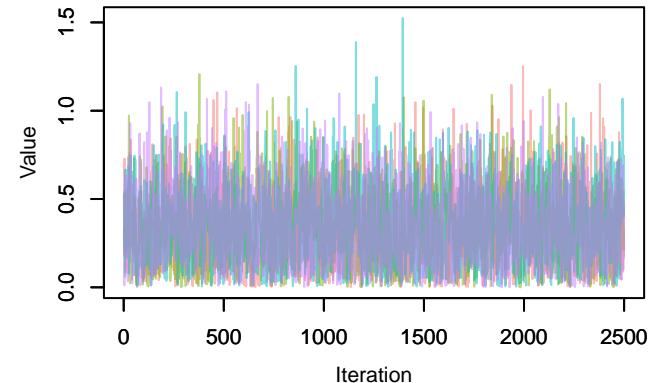
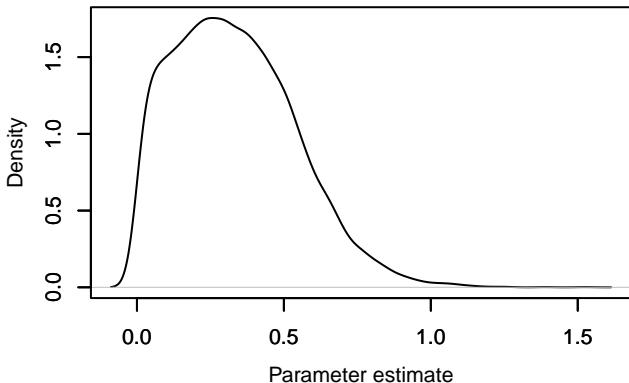
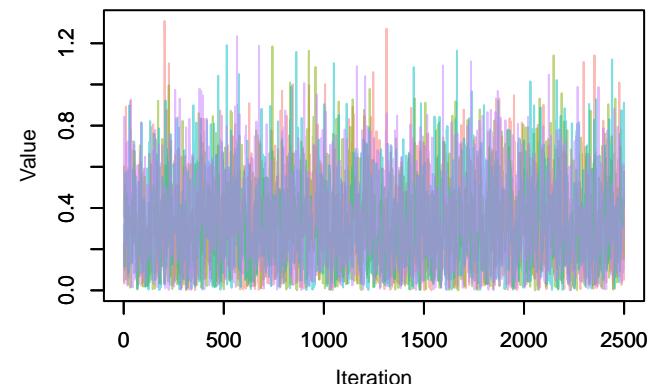
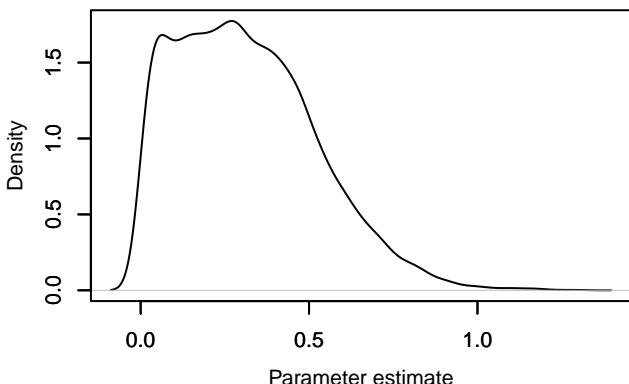
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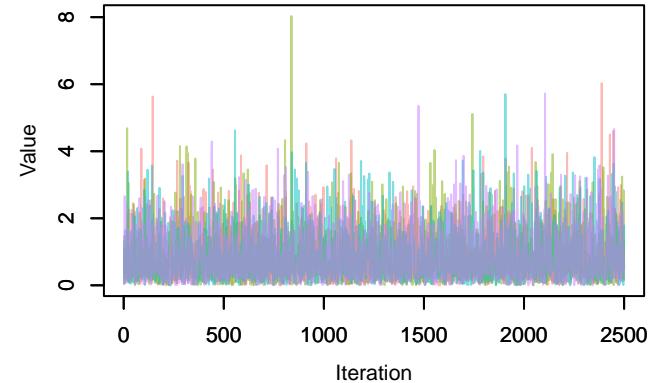
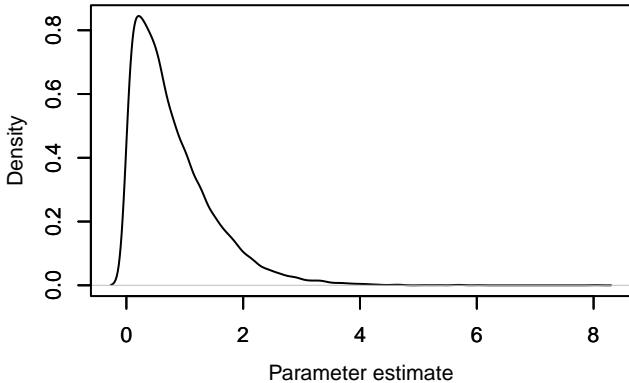
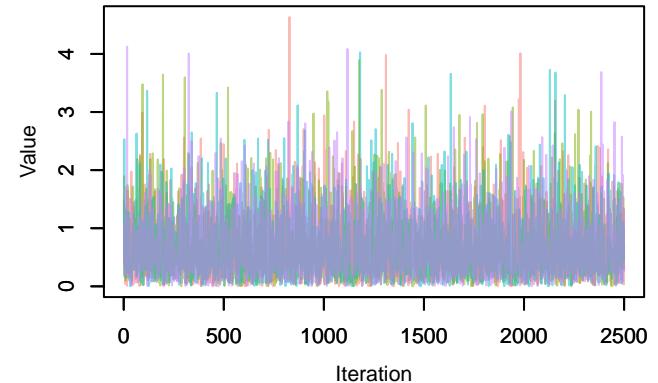
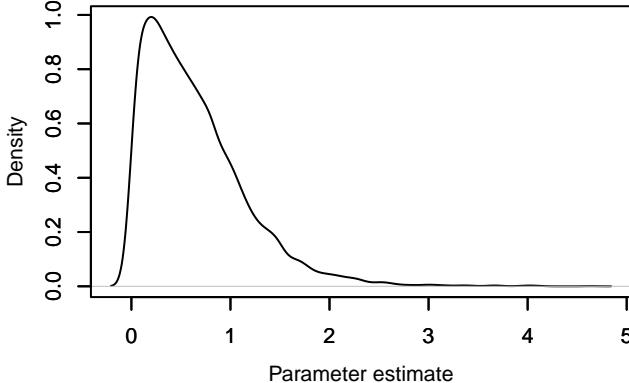
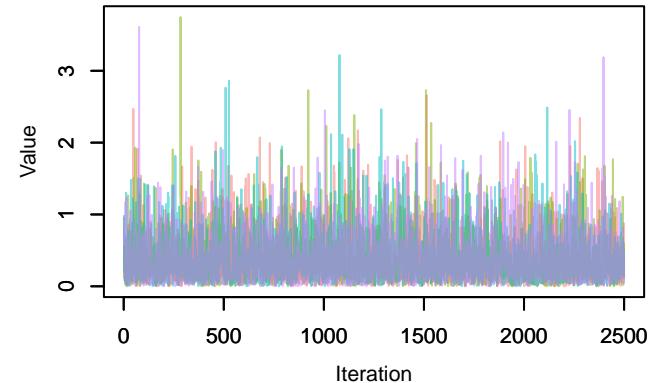
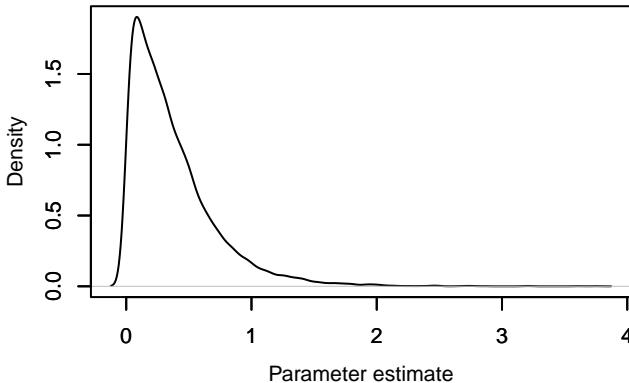
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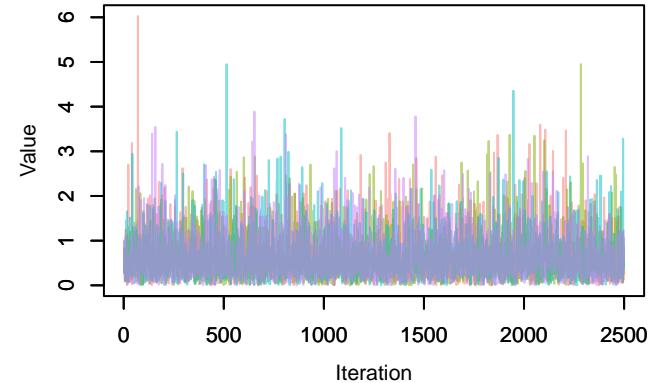
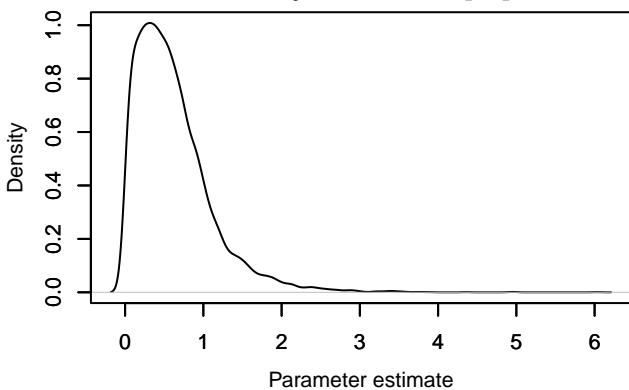
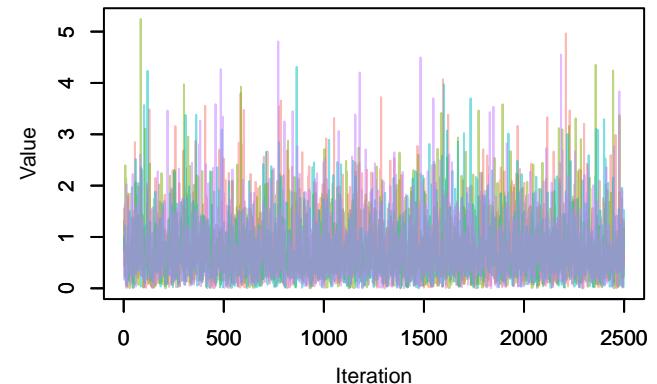
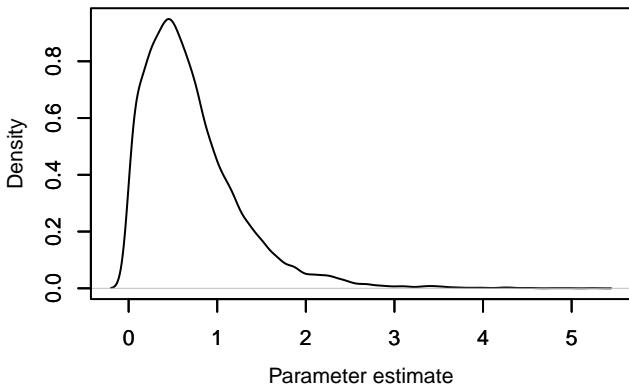
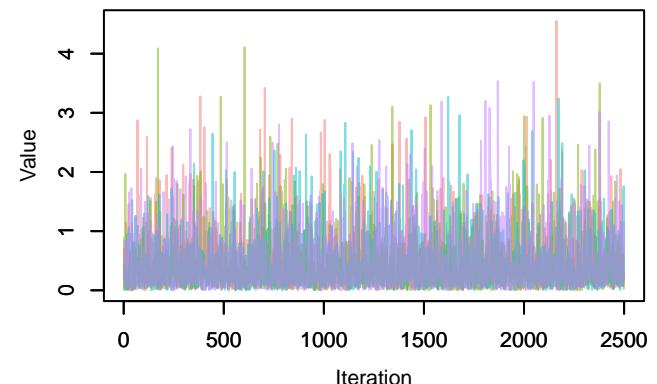
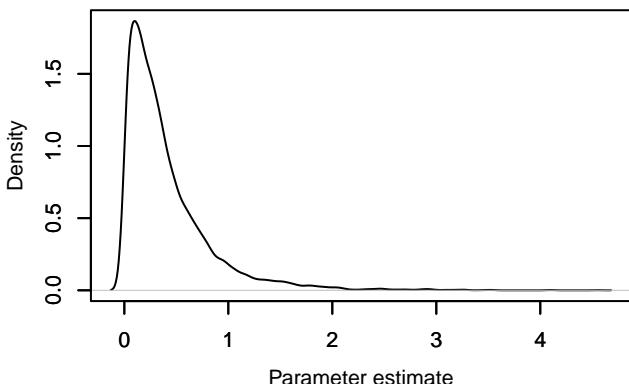
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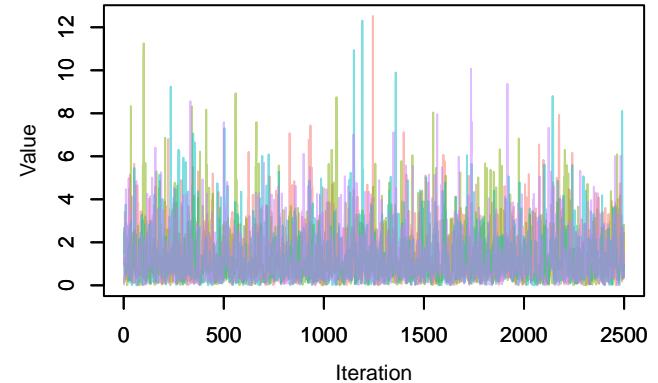
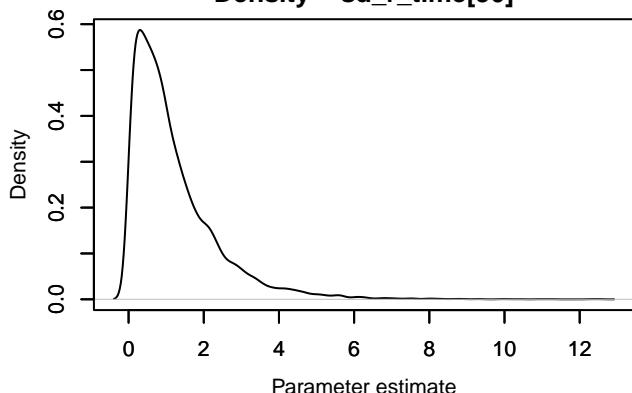
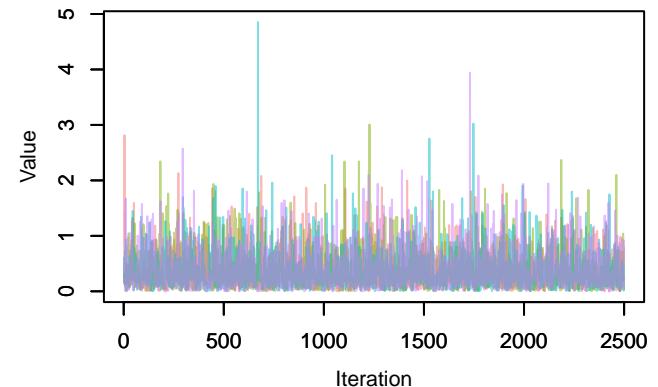
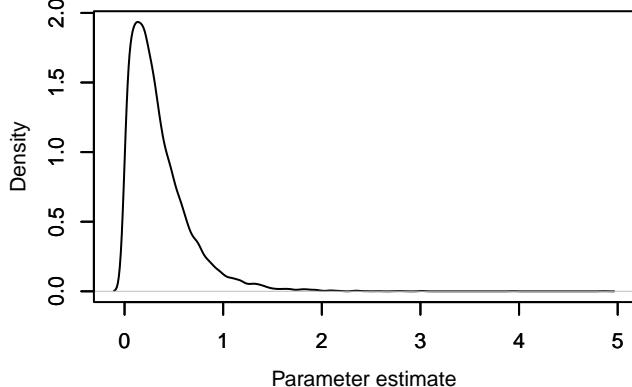
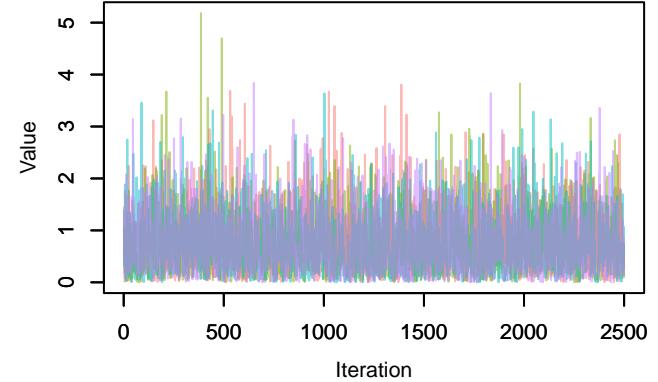
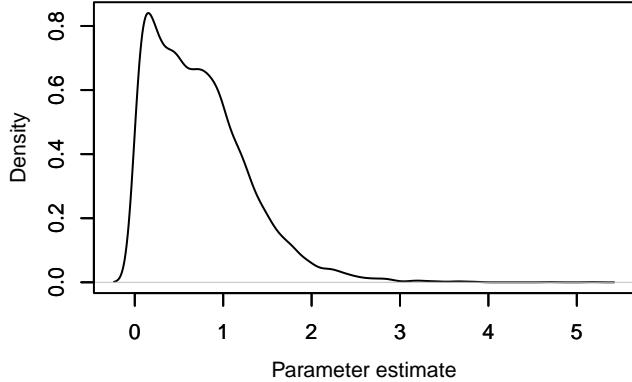
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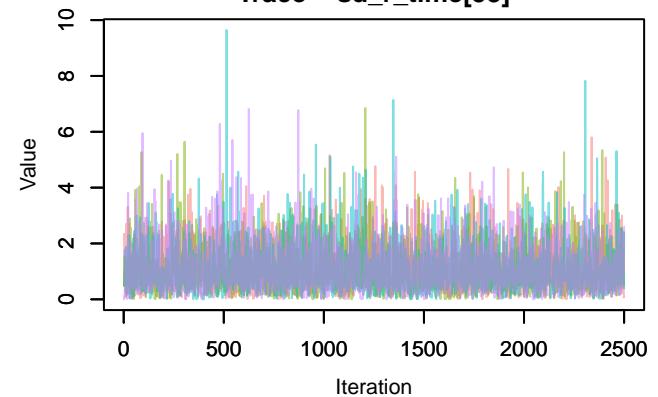
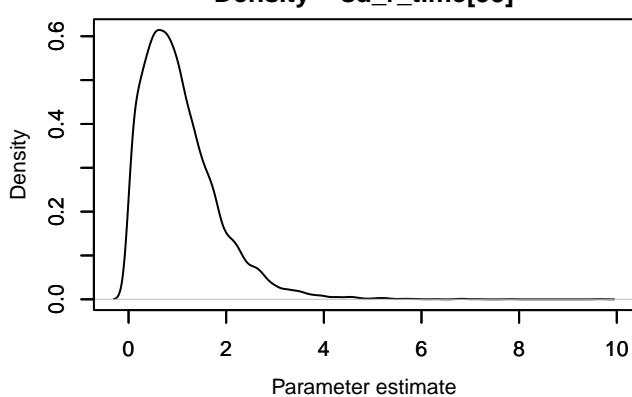
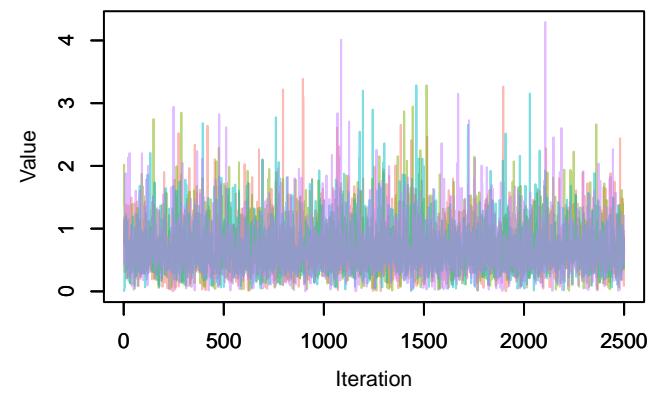
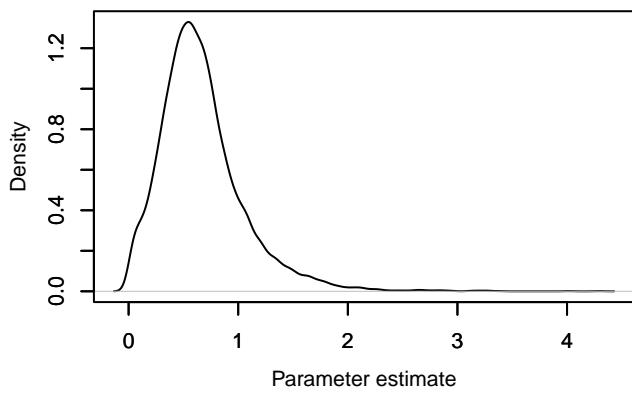
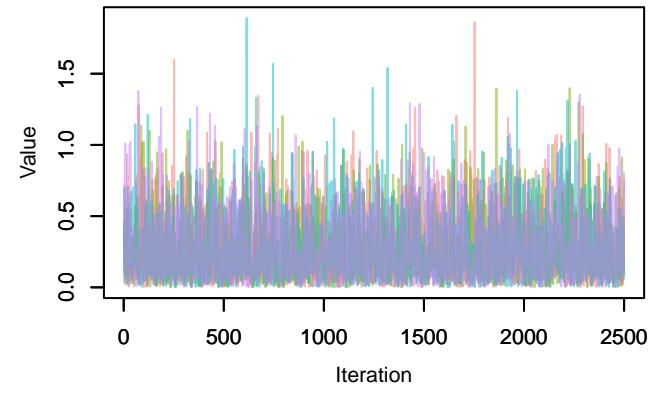
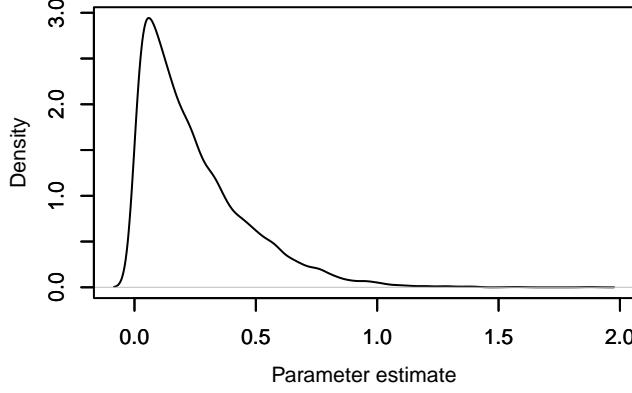
**Trace – sd\_r\_time[38]****Density – sd\_r\_time[38]****Trace – sd\_r\_time[39]****Density – sd\_r\_time[39]****Trace – sd\_r\_time[40]****Density – sd\_r\_time[40]**

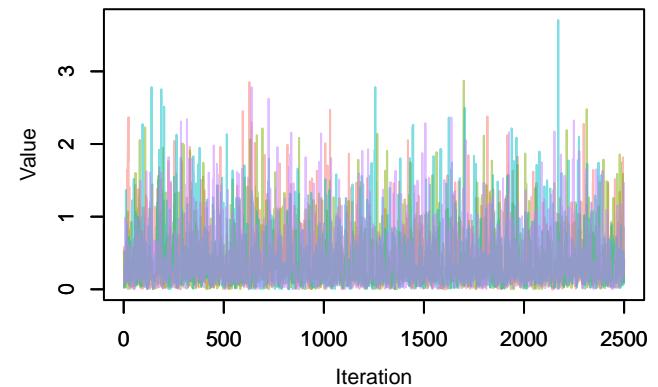
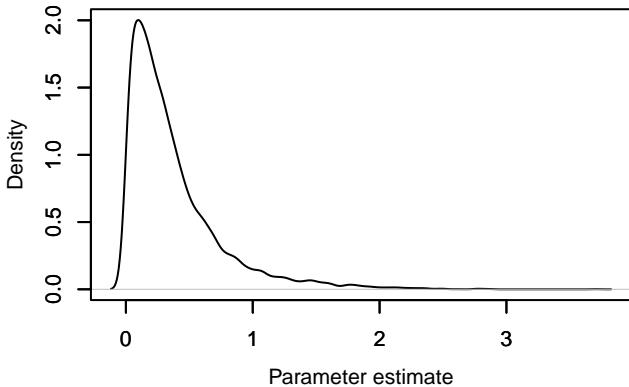
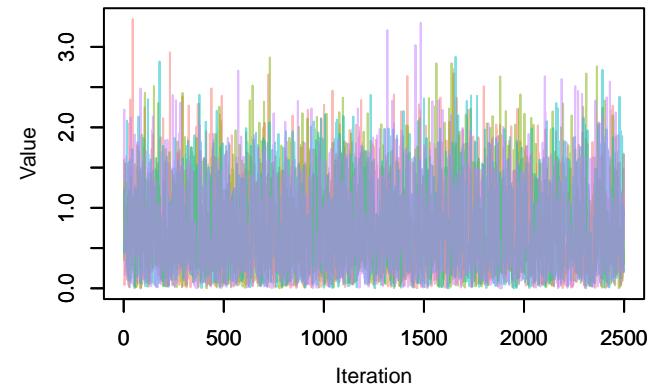
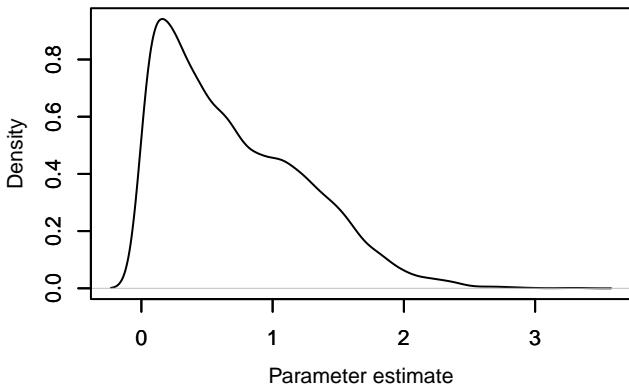
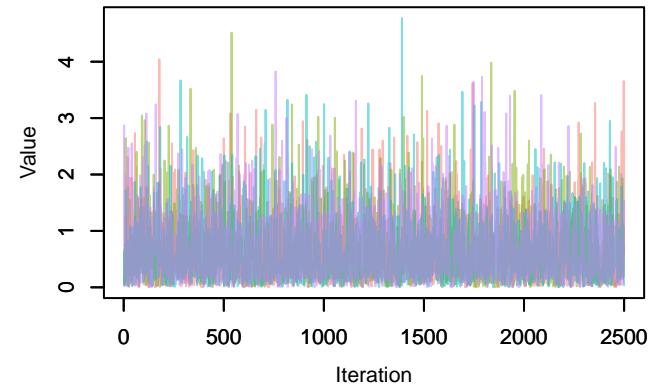
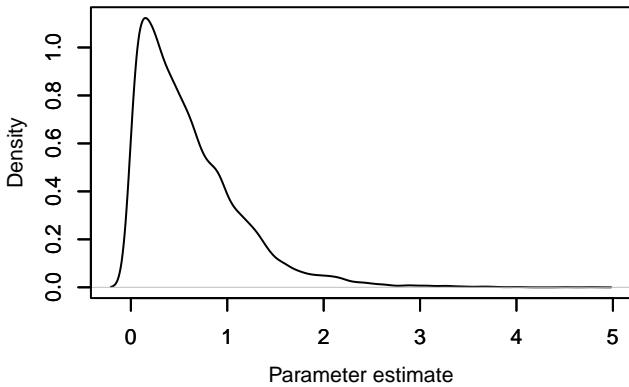
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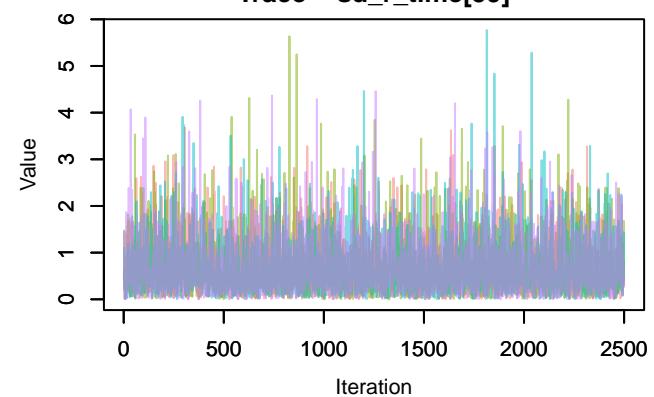
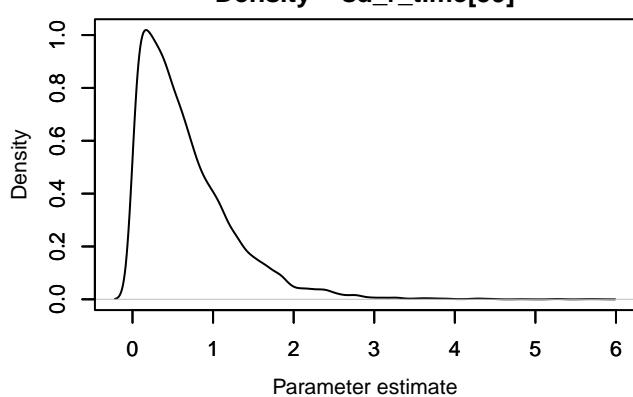
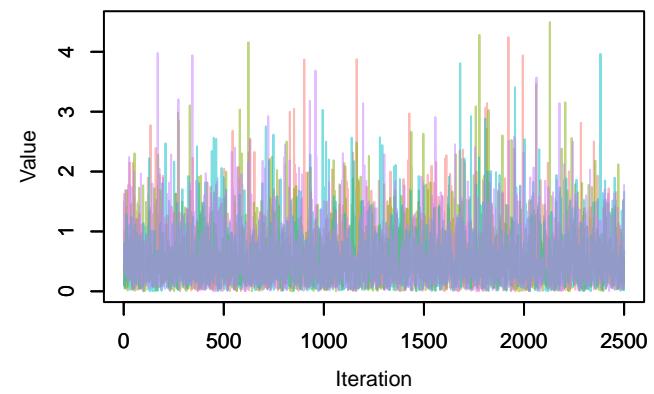
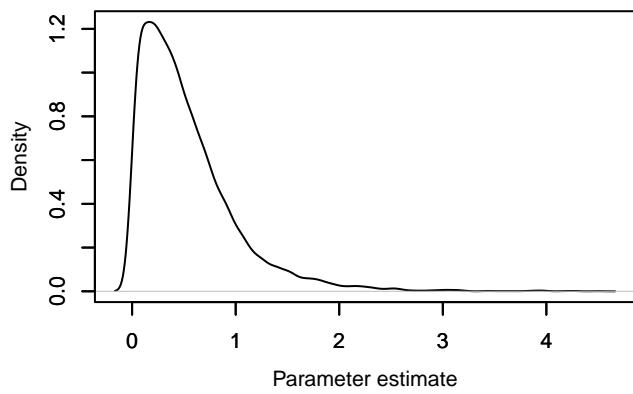
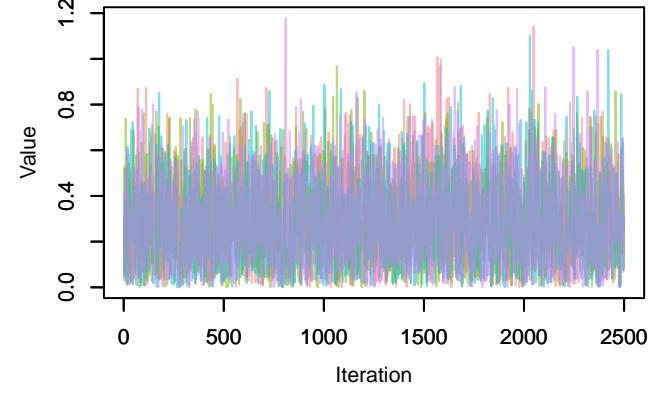
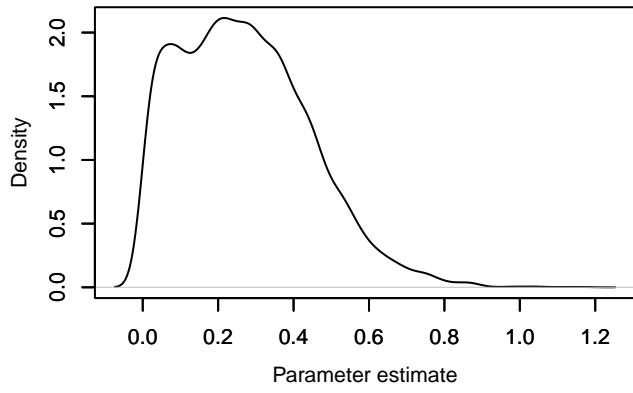
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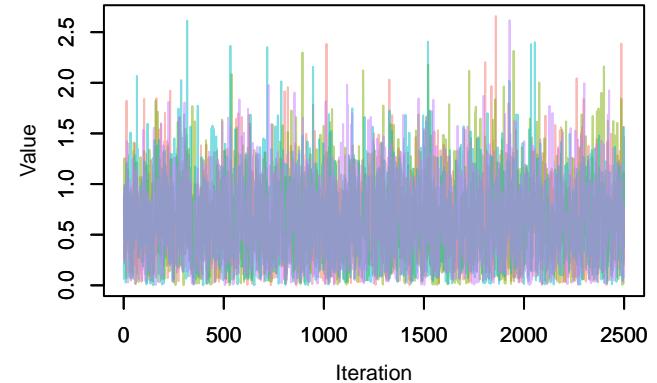
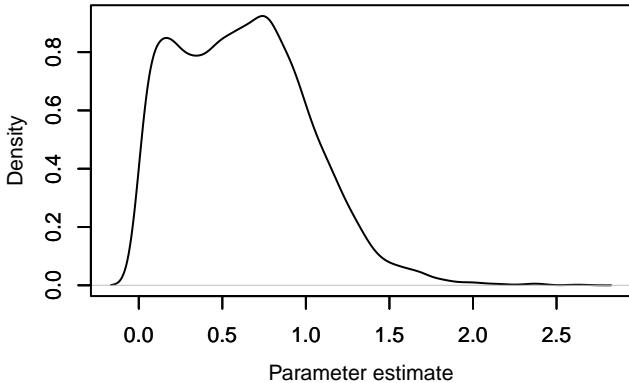
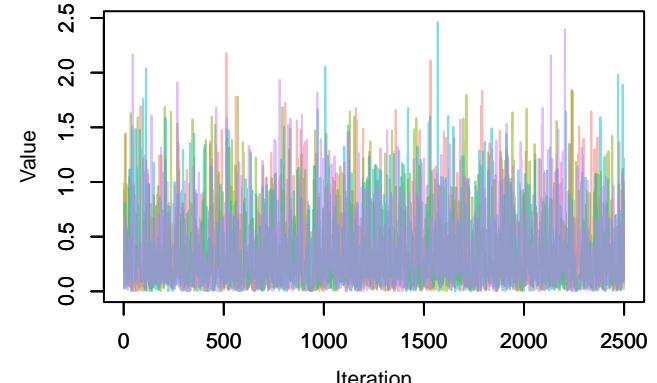
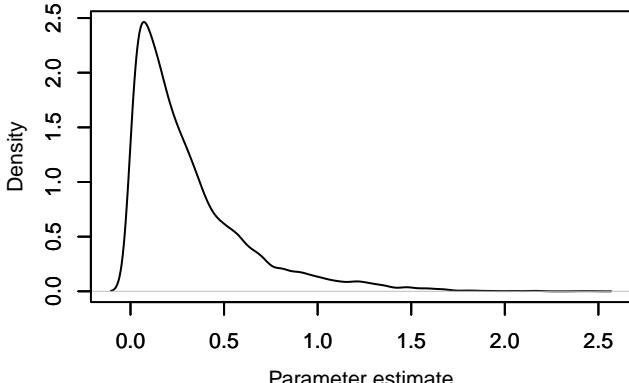
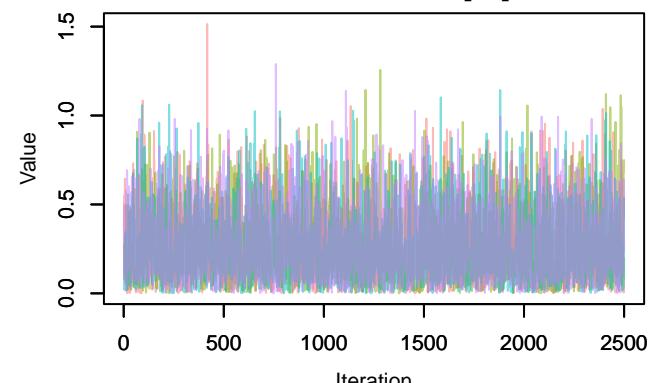
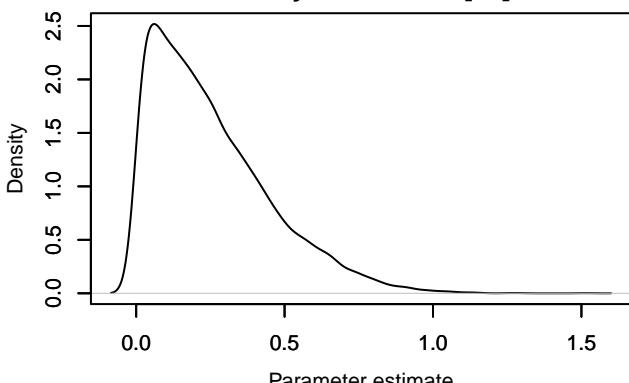
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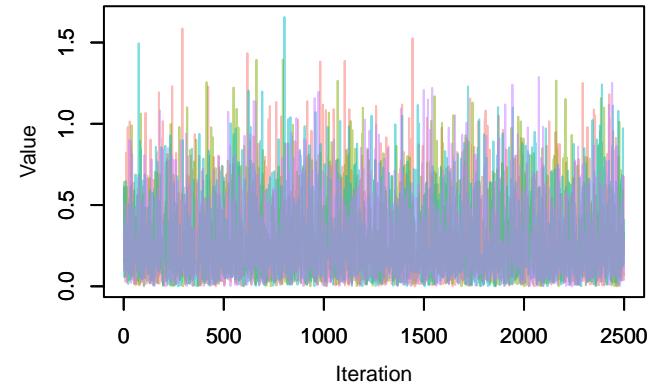
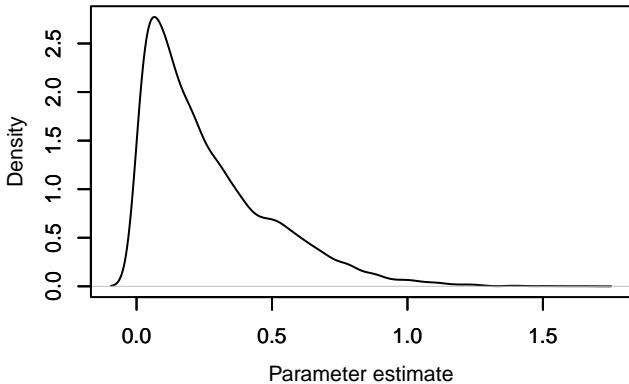
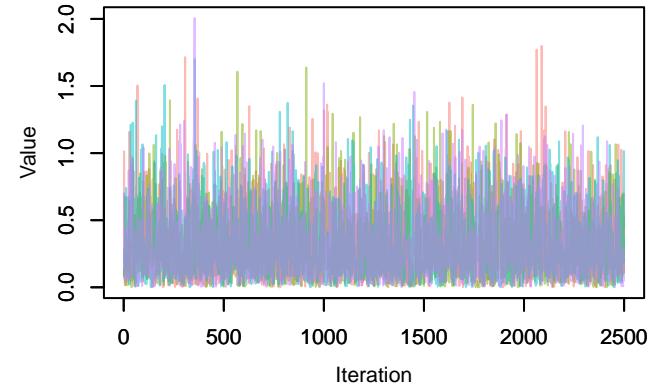
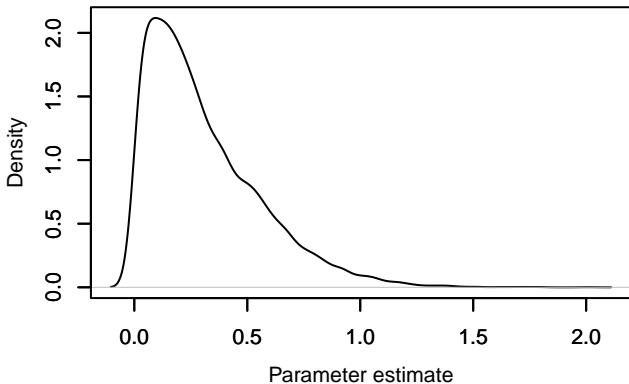
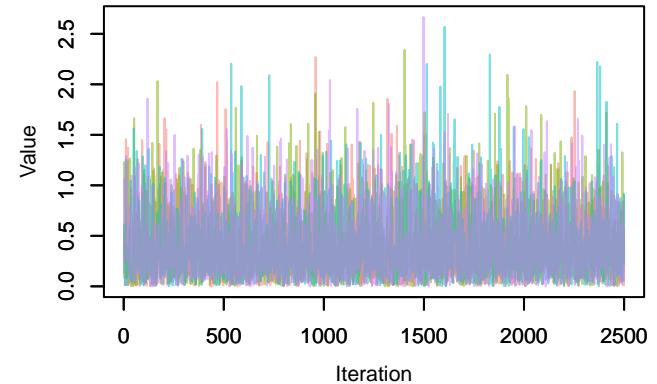
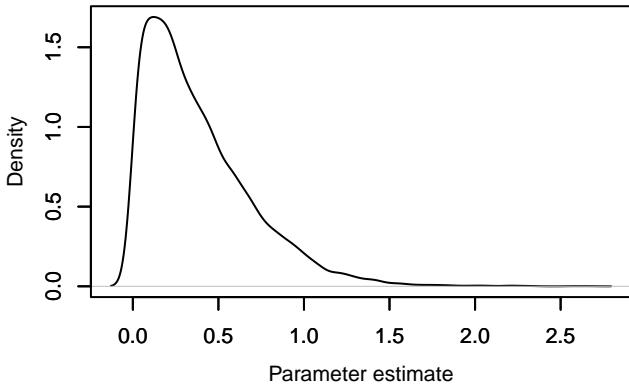
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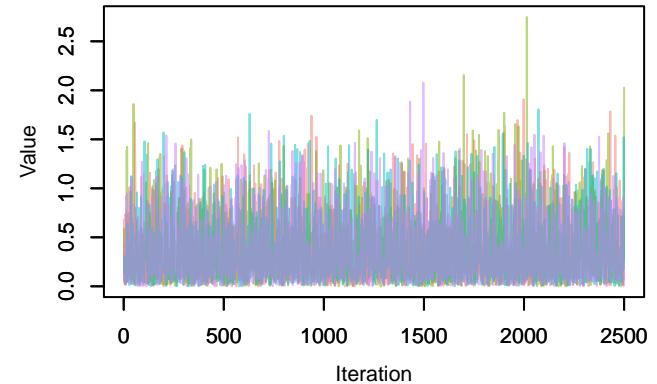
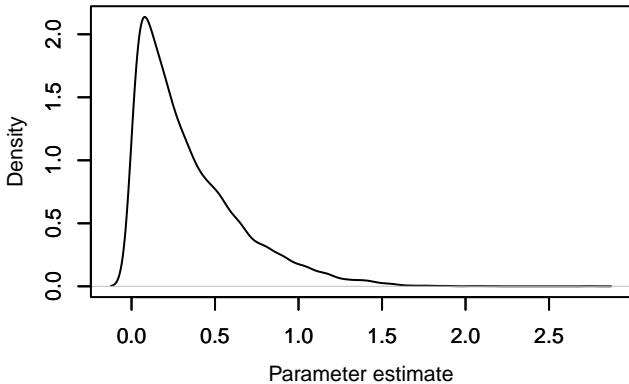
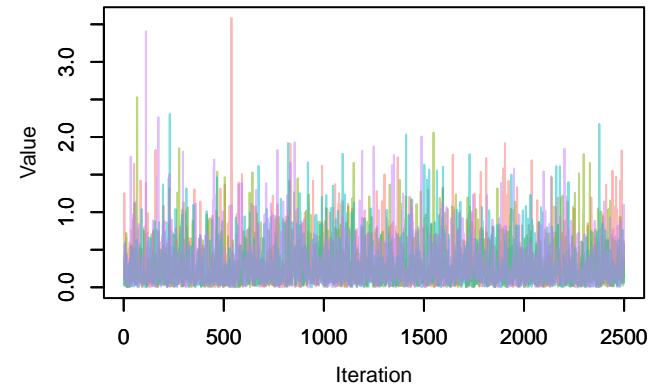
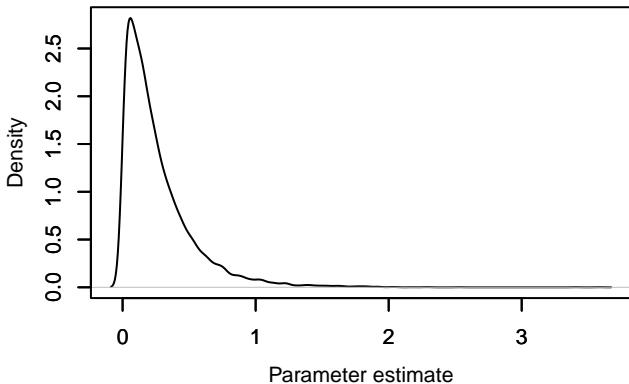
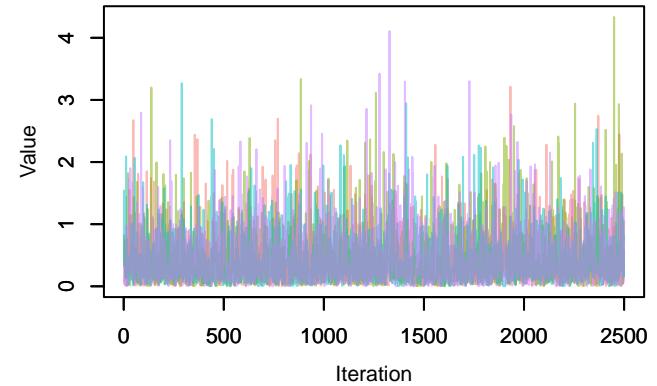
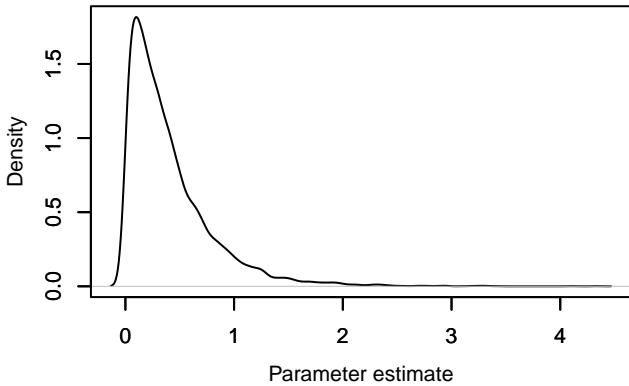
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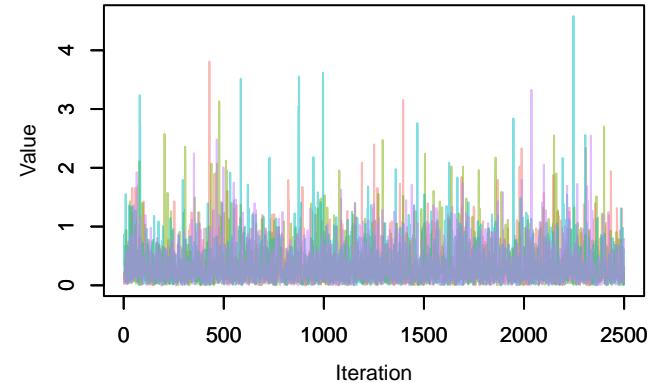
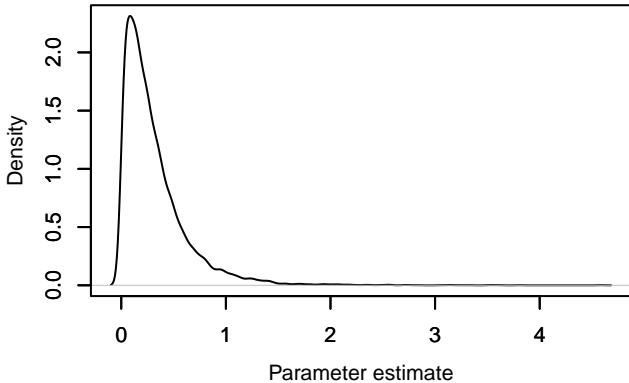
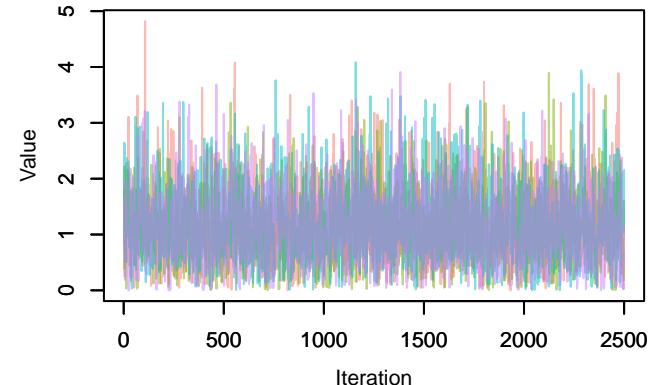
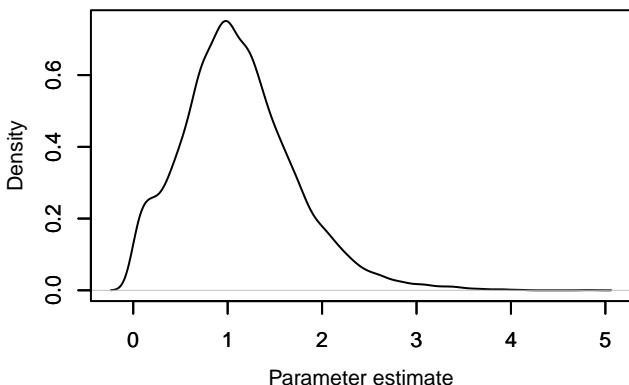
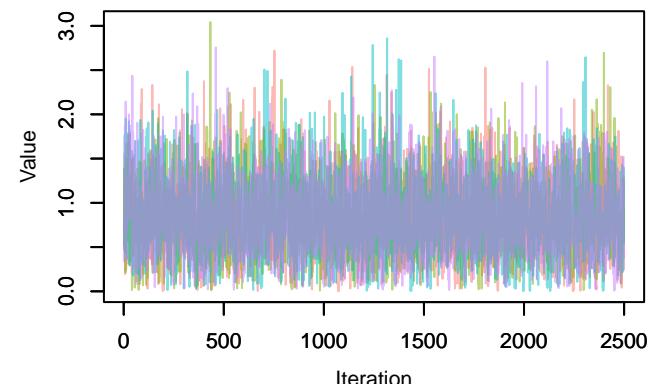
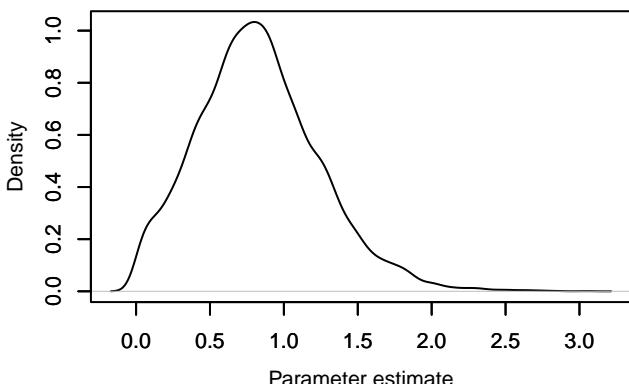
**Trace – sd\_r\_time[56]****Density – sd\_r\_time[56]****Trace – sd\_r\_time[57]****Density – sd\_r\_time[57]****Trace – sd\_r\_time[58]****Density – sd\_r\_time[58]**

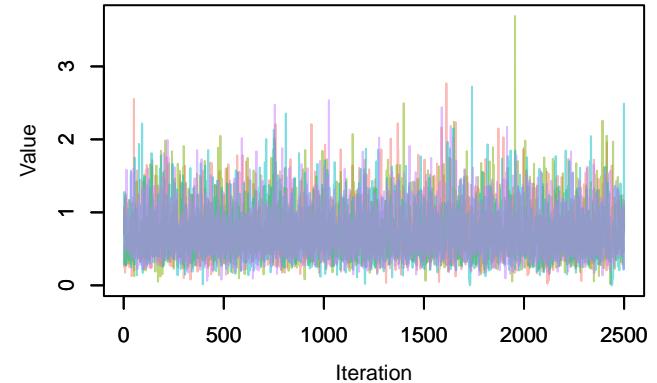
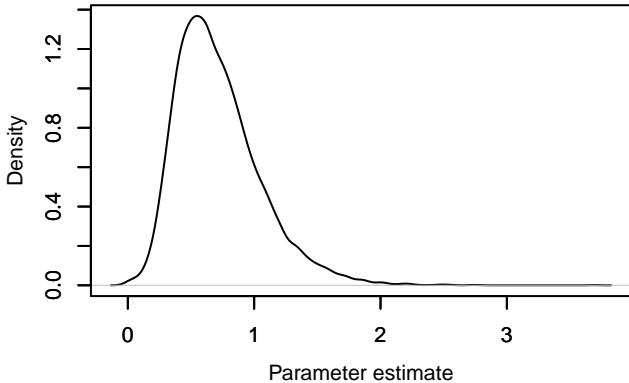
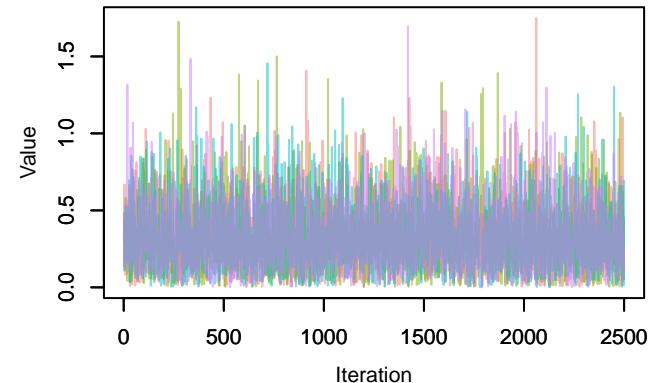
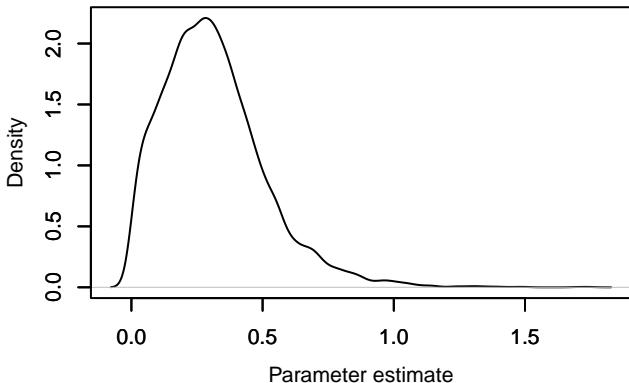
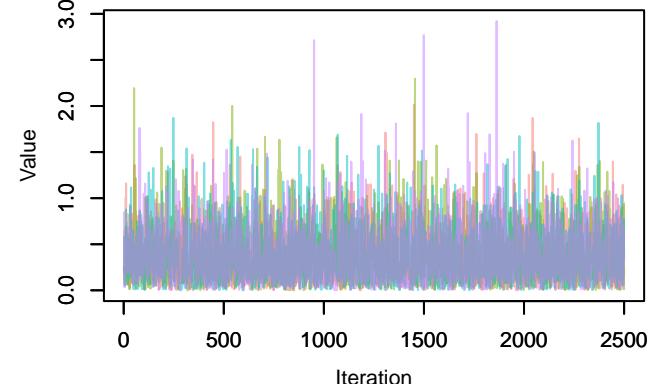
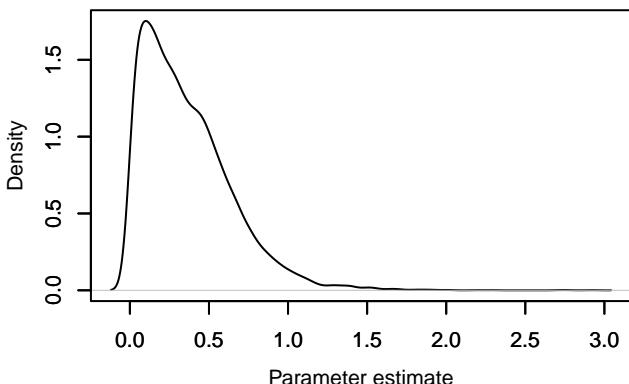
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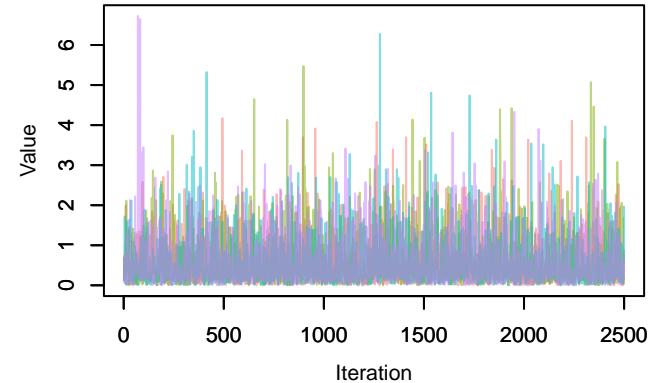
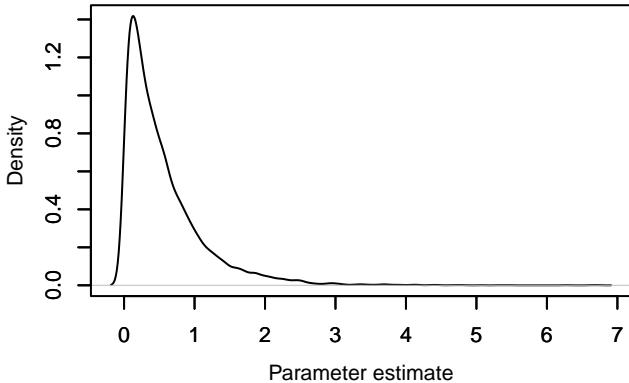
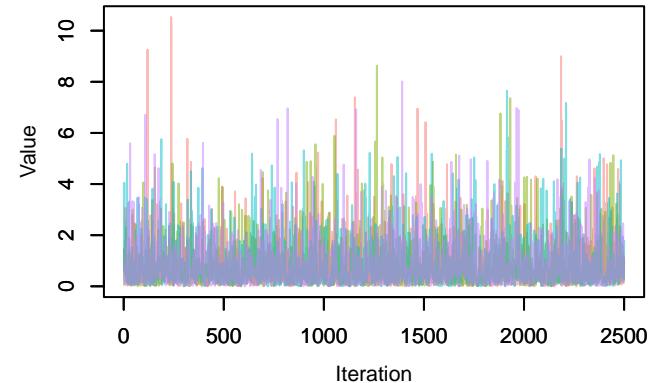
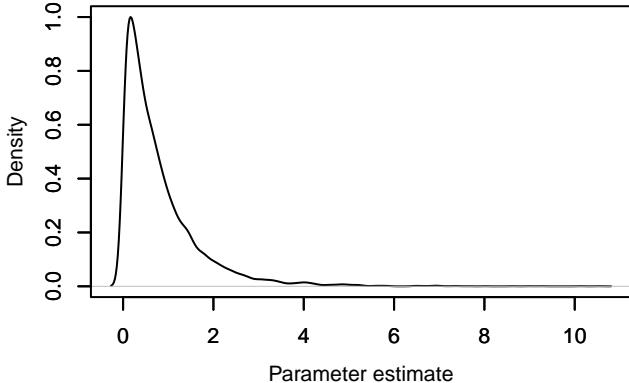
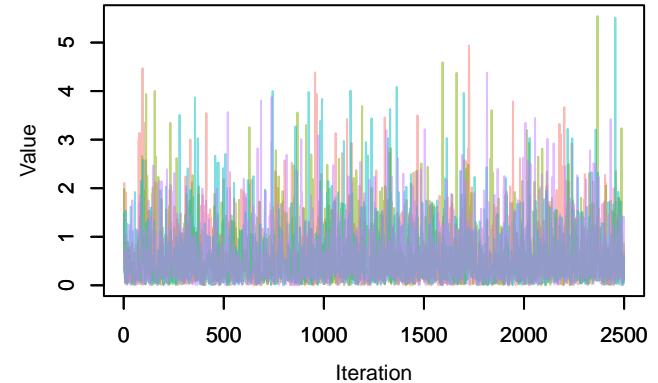
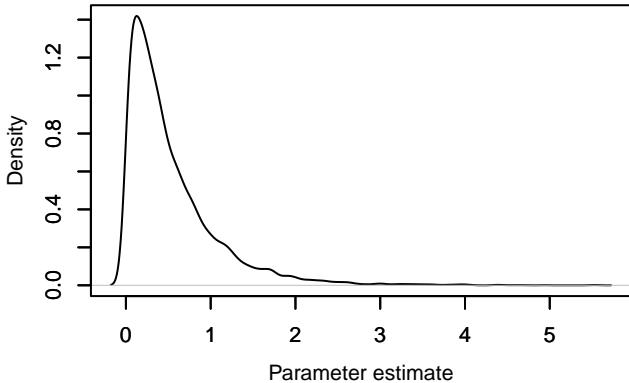
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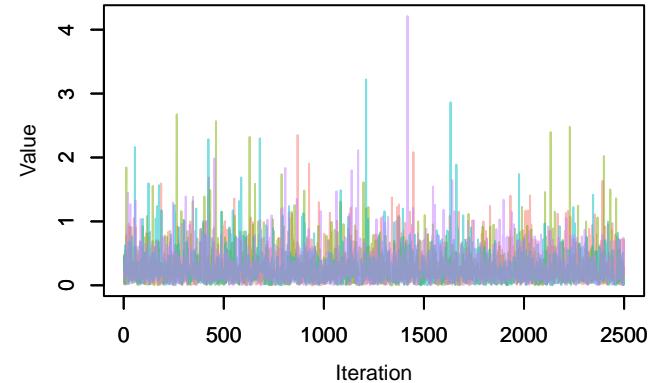
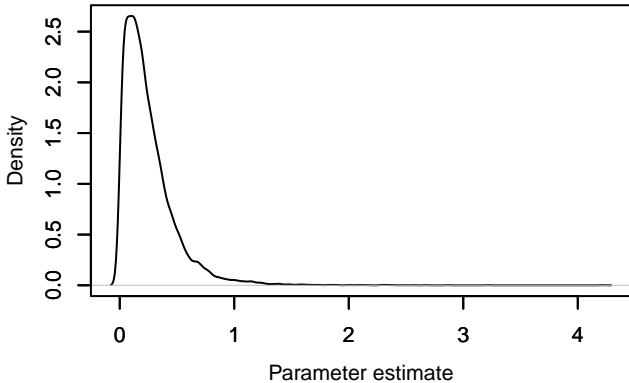
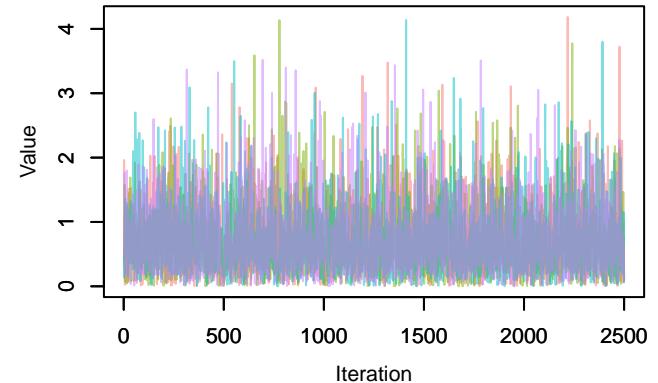
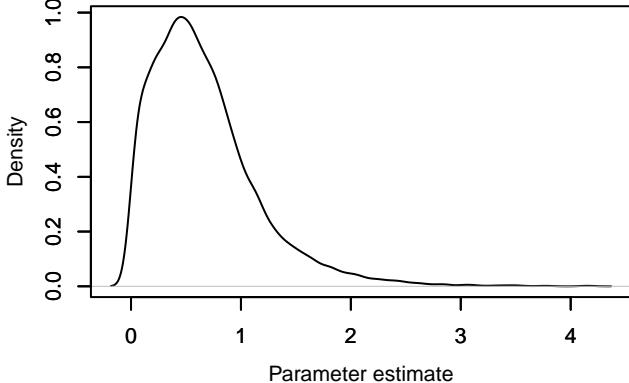
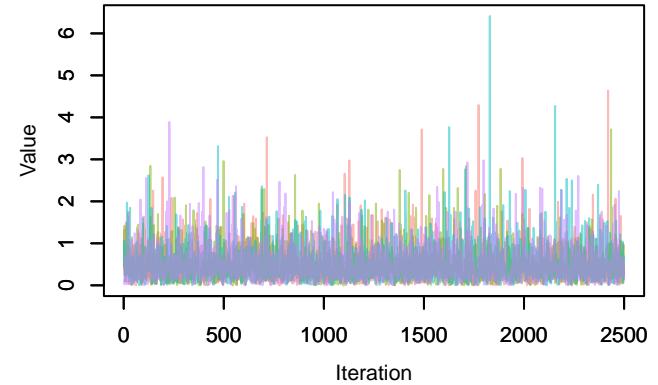
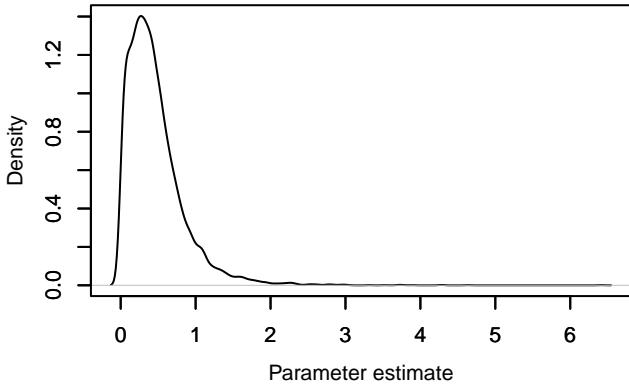
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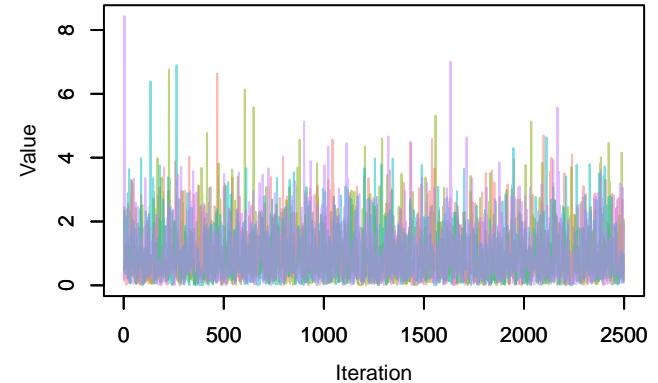
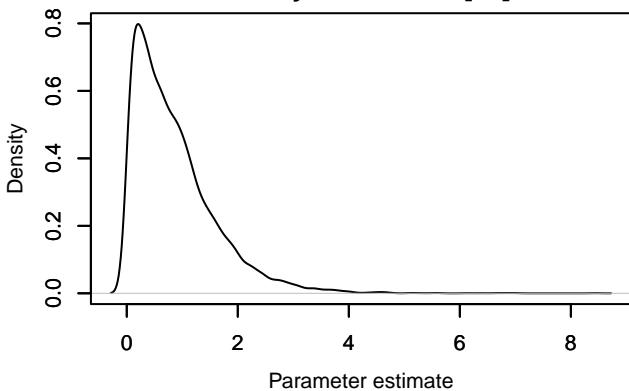
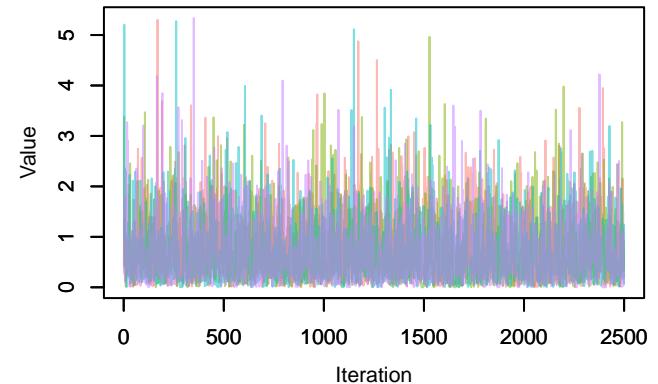
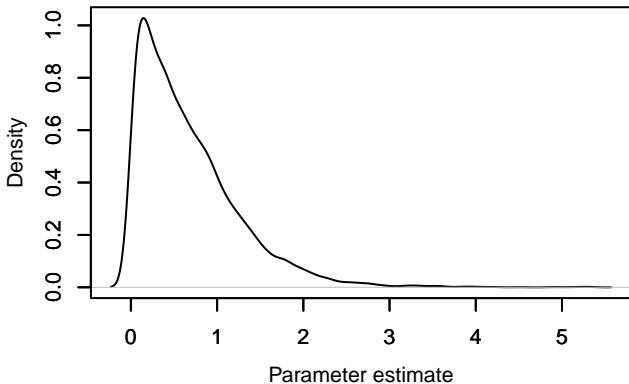
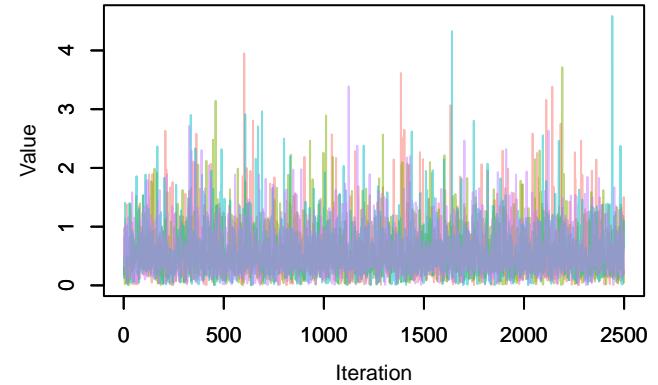
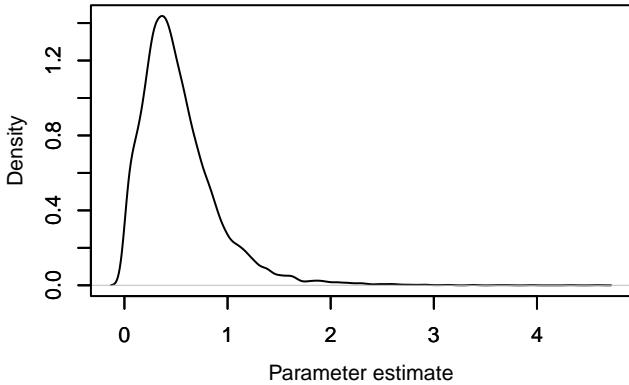
**Trace – sd\_r\_time[68]****Density – sd\_r\_time[68]****Trace – sd\_r\_time[69]****Density – sd\_r\_time[69]****Trace – sd\_r\_time[70]****Density – sd\_r\_time[70]**

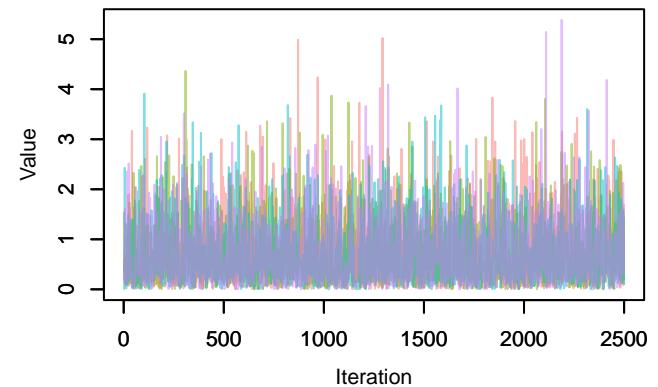
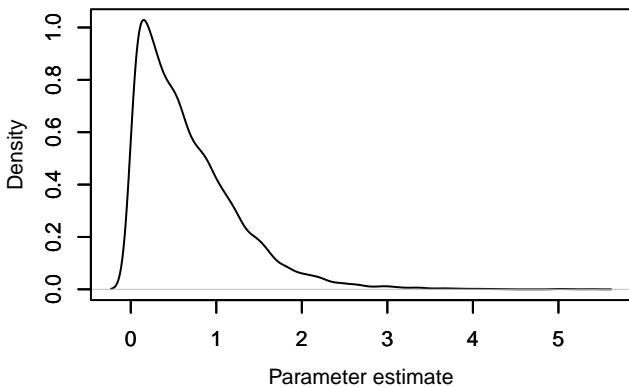
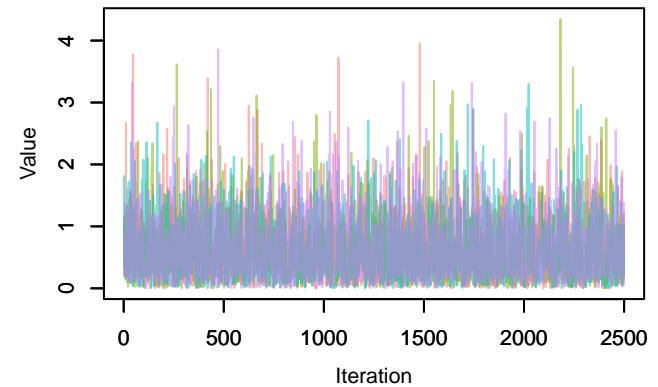
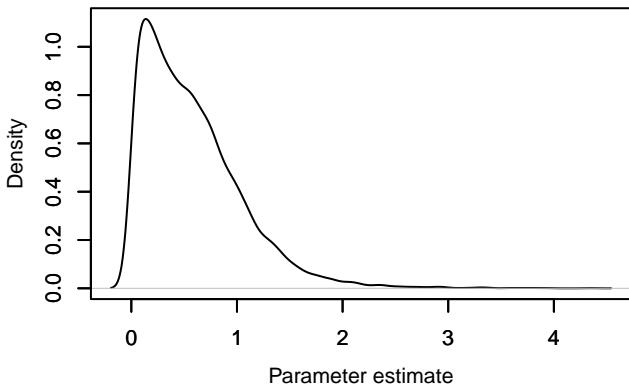
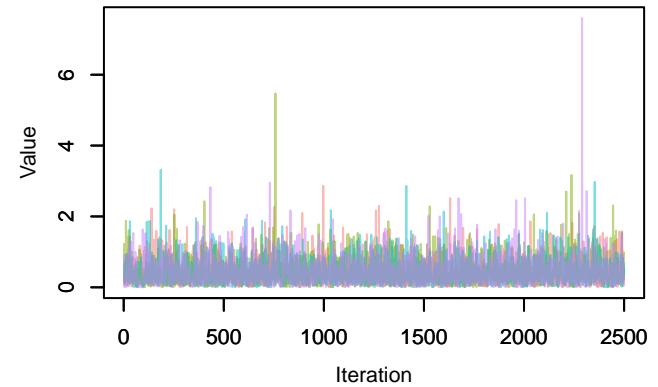
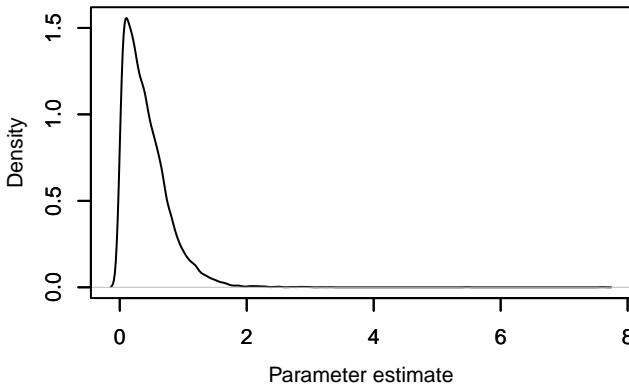
**Trace – sd\_r\_time[71]****Density – sd\_r\_time[71]****Trace – sd\_r\_time[72]****Density – sd\_r\_time[72]****Trace – sd\_r\_time[73]****Density – sd\_r\_time[73]**

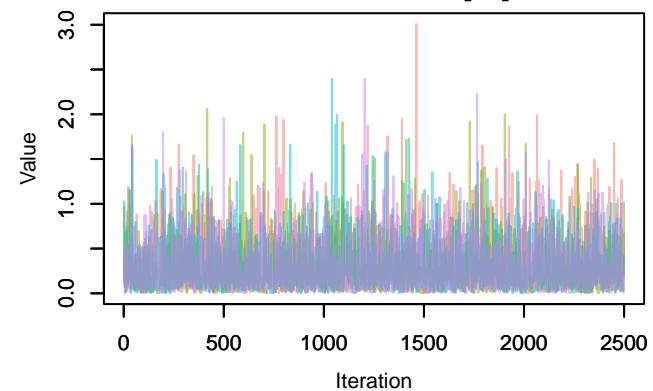
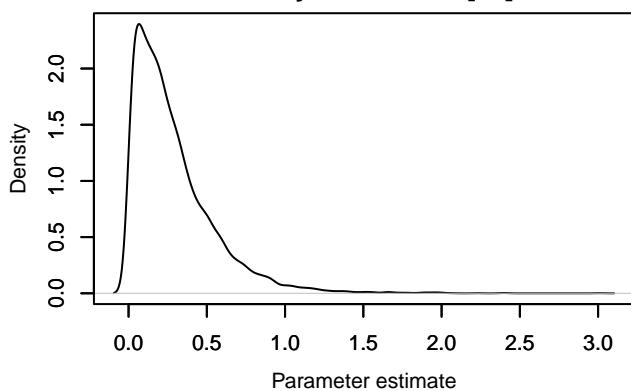
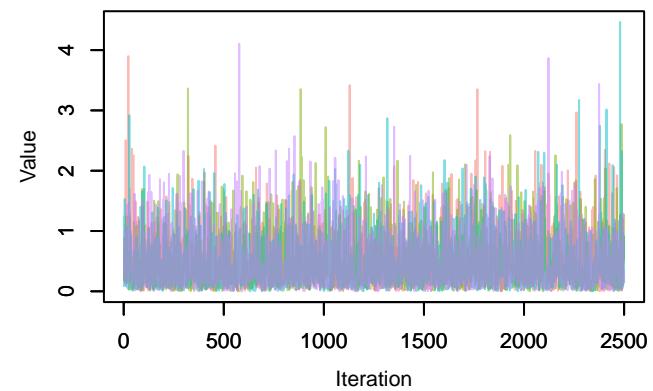
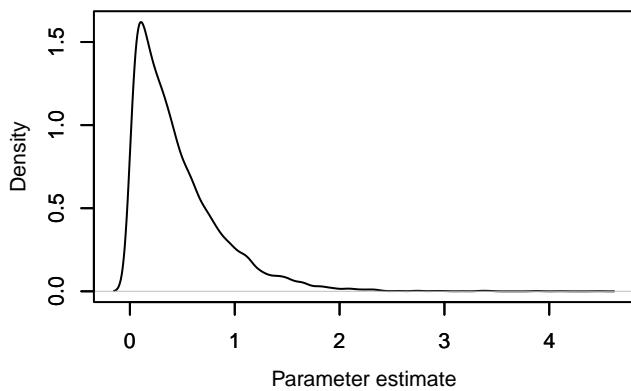
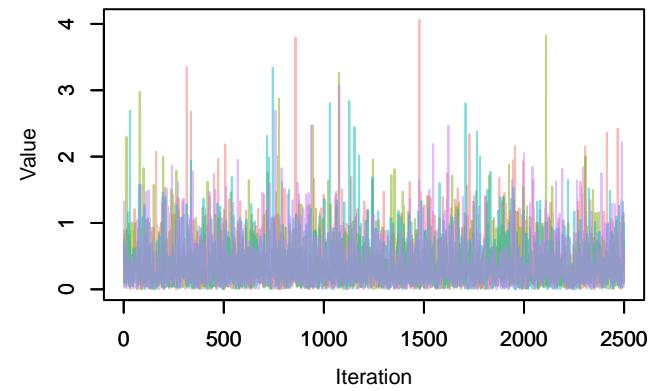
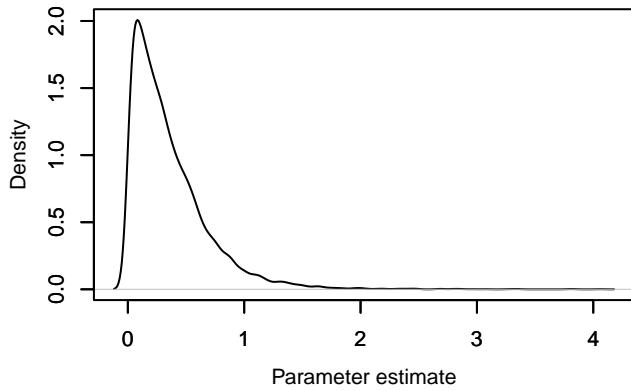
**Trace – sd\_r\_time[74]****Density – sd\_r\_time[74]****Trace – sd\_r\_time[75]****Density – sd\_r\_time[75]****Trace – sd\_r\_time[76]****Density – sd\_r\_time[76]**

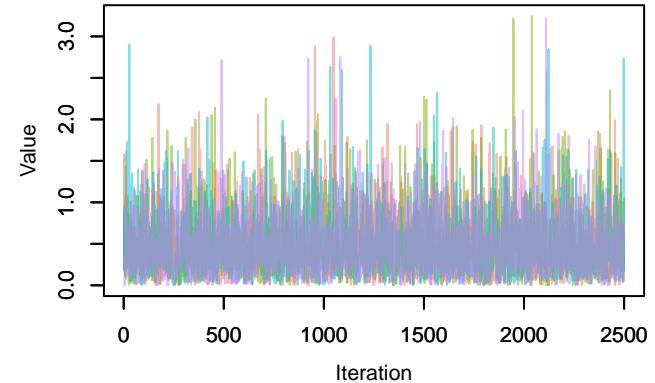
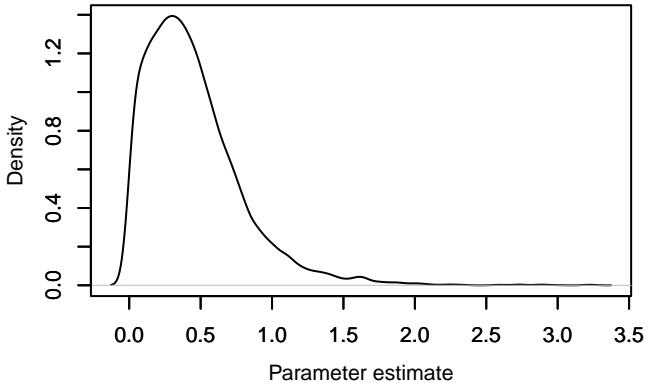
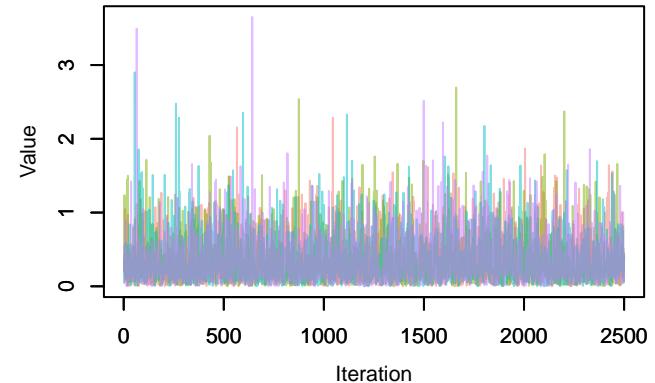
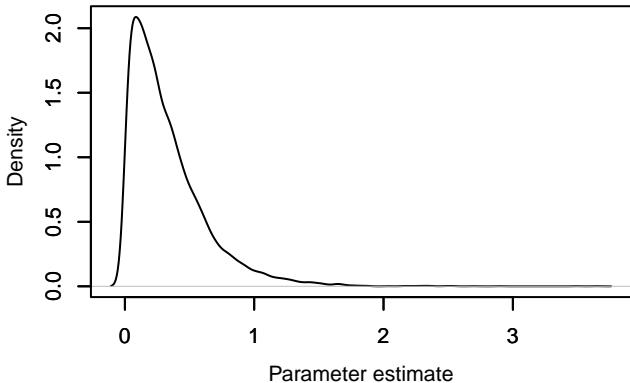
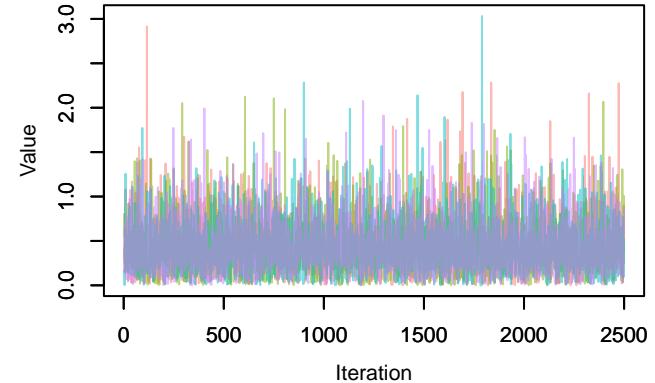
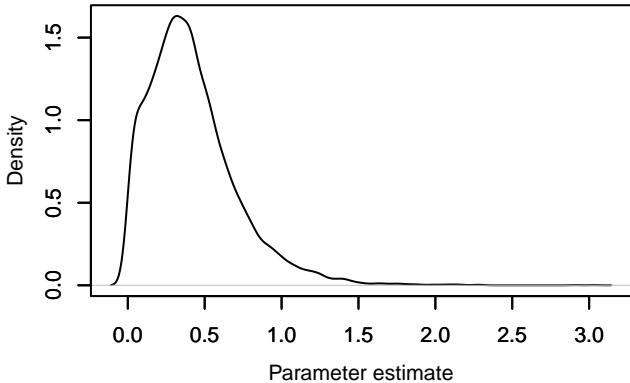
**Trace – sd\_r\_time[77]****Density – sd\_r\_time[77]****Trace – sd\_r\_time[78]****Density – sd\_r\_time[78]****Trace – sd\_r\_time[79]****Density – sd\_r\_time[79]**

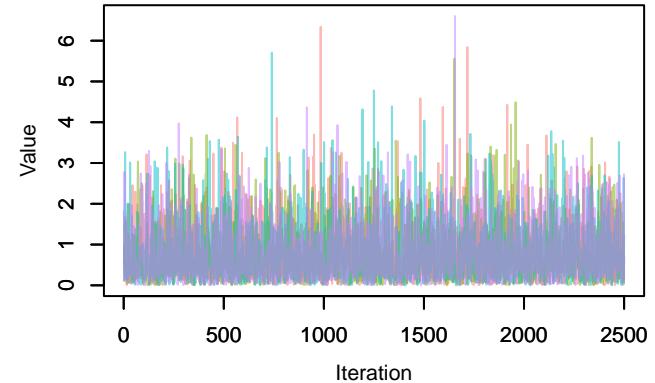
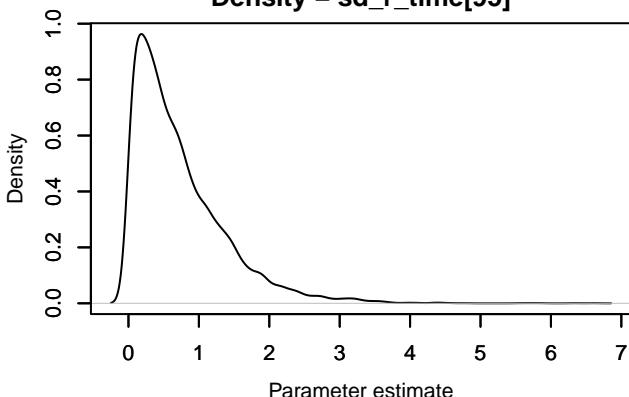
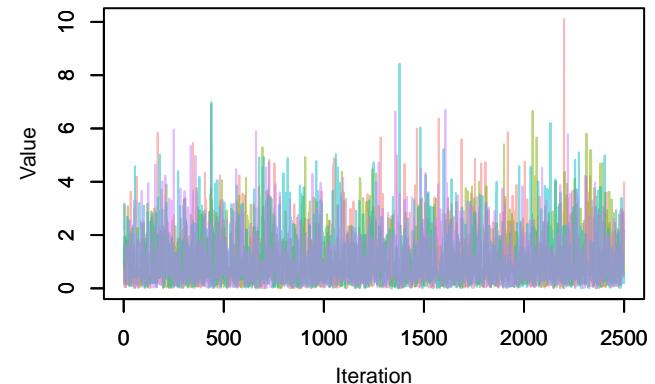
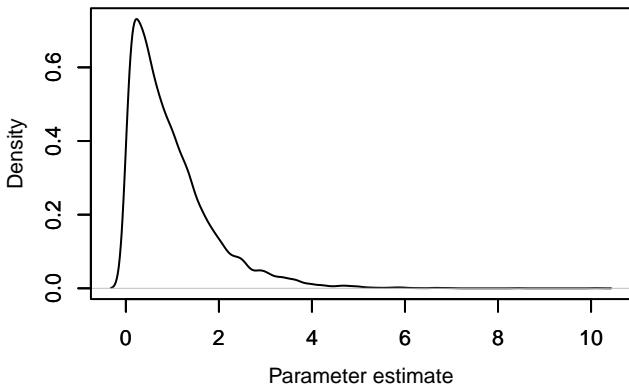
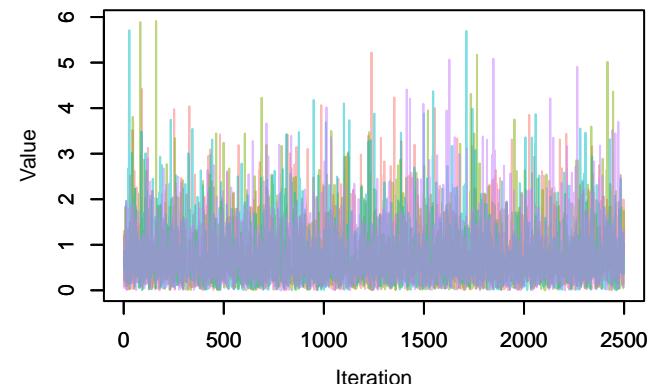
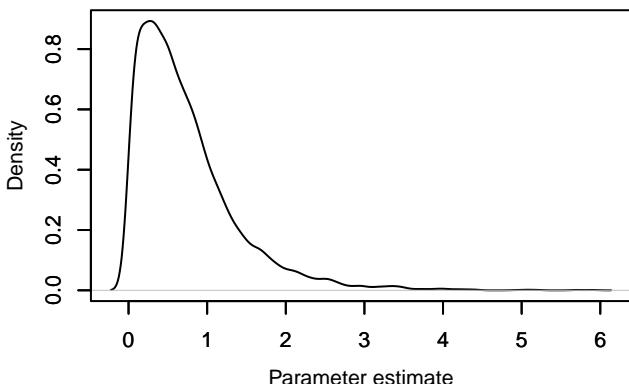
**Trace – sd\_r\_time[80]****Density – sd\_r\_time[80]****Trace – sd\_r\_time[81]****Density – sd\_r\_time[81]****Trace – sd\_r\_time[82]****Density – sd\_r\_time[82]**

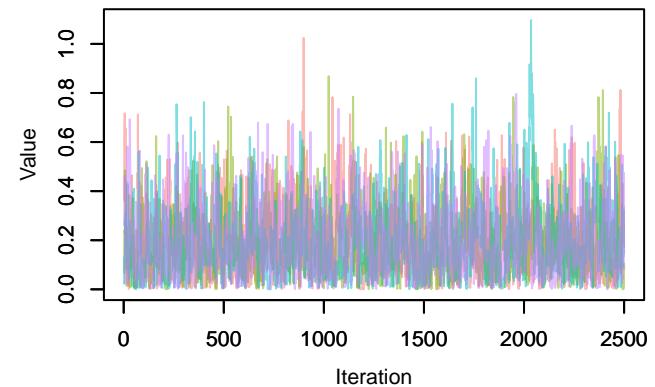
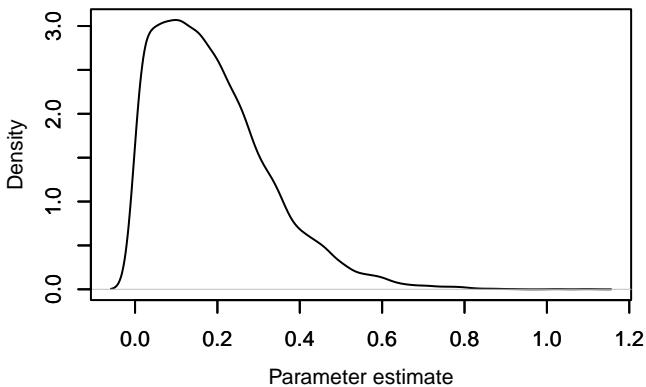
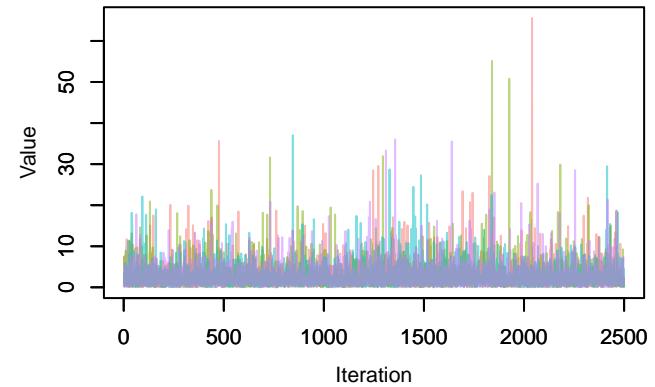
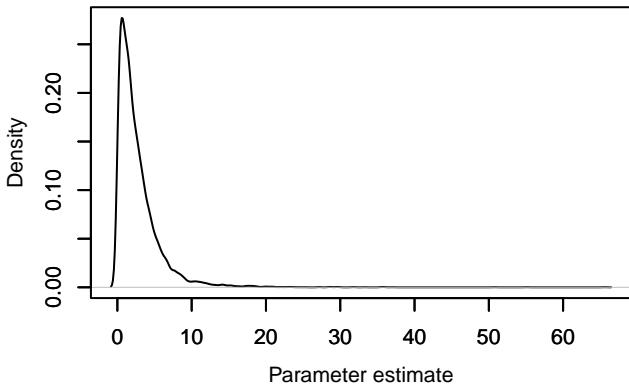
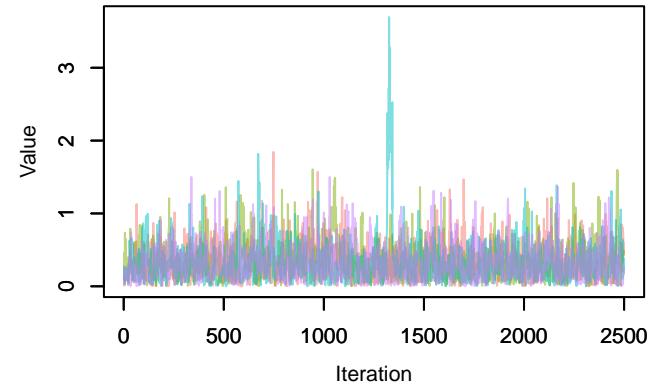
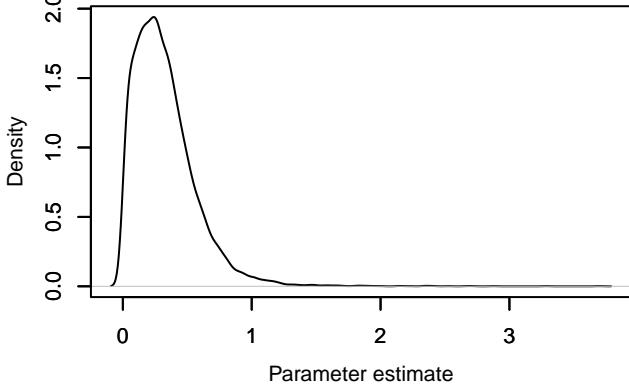
**Trace – sd\_r\_time[83]****Density – sd\_r\_time[83]****Trace – sd\_r\_time[84]****Density – sd\_r\_time[84]****Trace – sd\_r\_time[85]****Density – sd\_r\_time[85]**

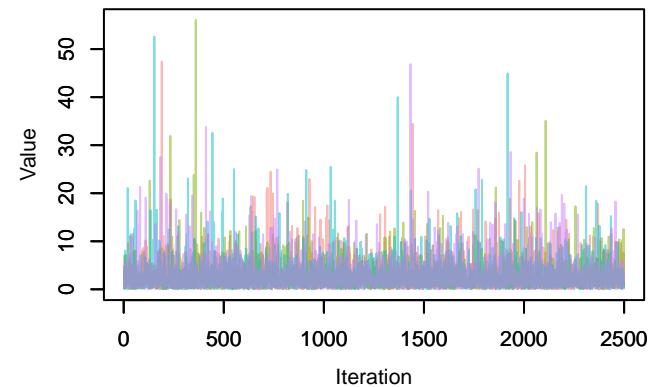
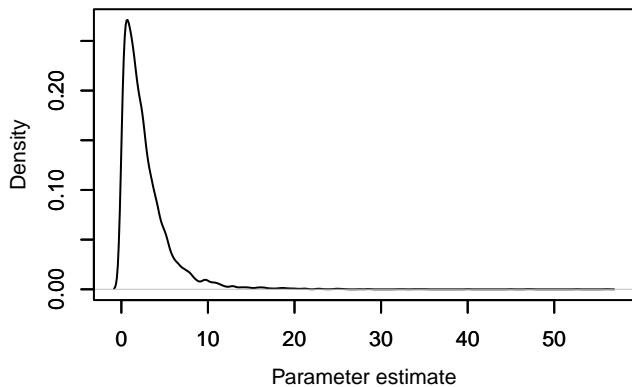
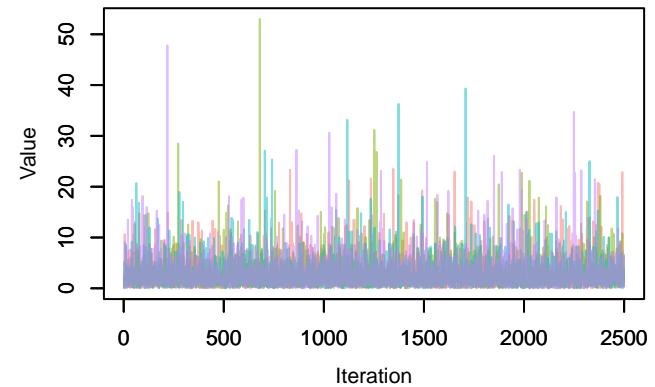
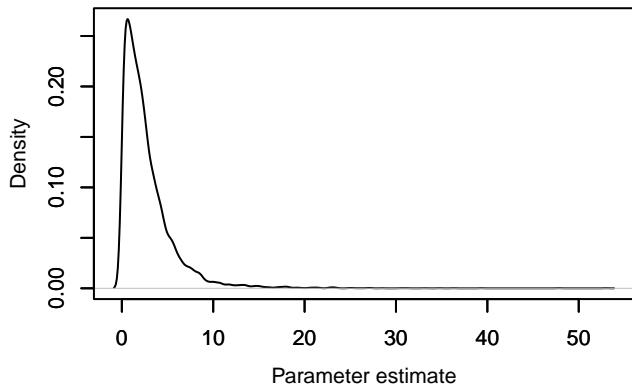
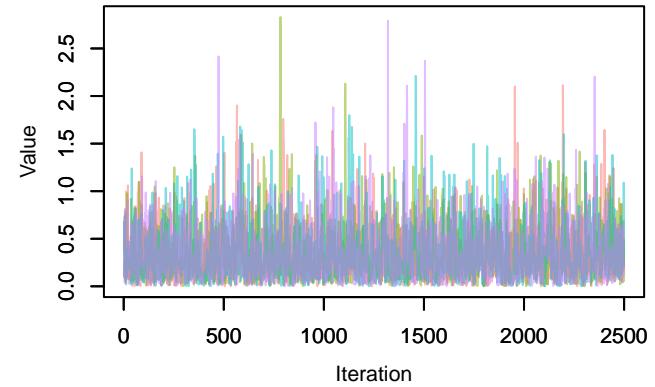
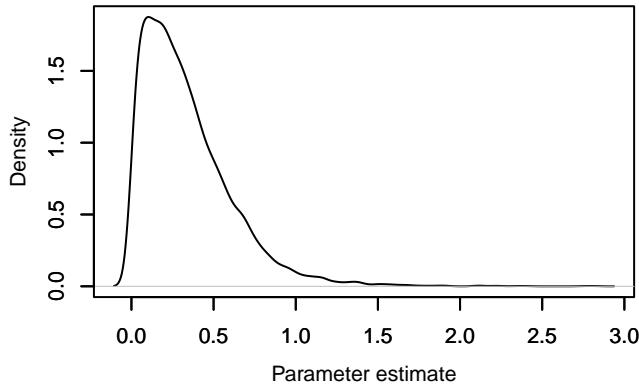
**Trace – sd\_r\_time[86]****Density – sd\_r\_time[86]****Trace – sd\_r\_time[87]****Density – sd\_r\_time[87]****Trace – sd\_r\_time[88]****Density – sd\_r\_time[88]**

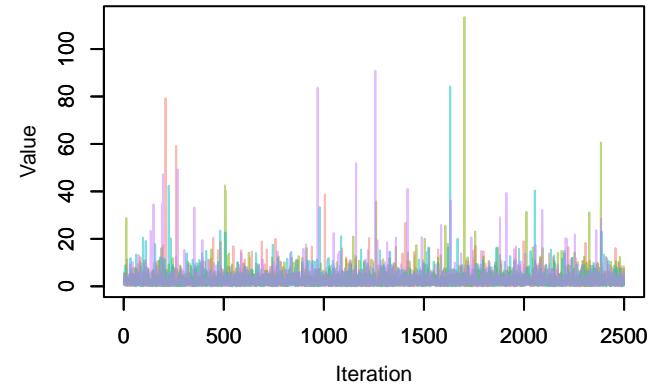
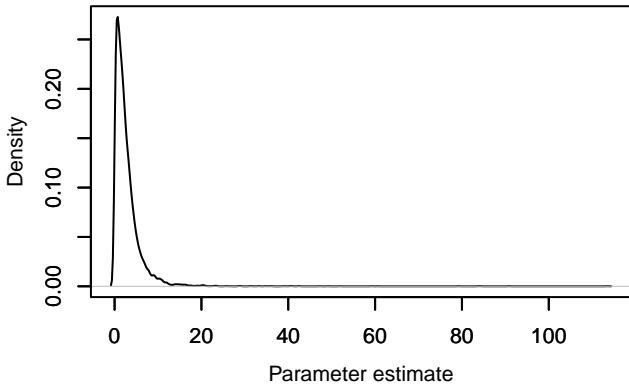
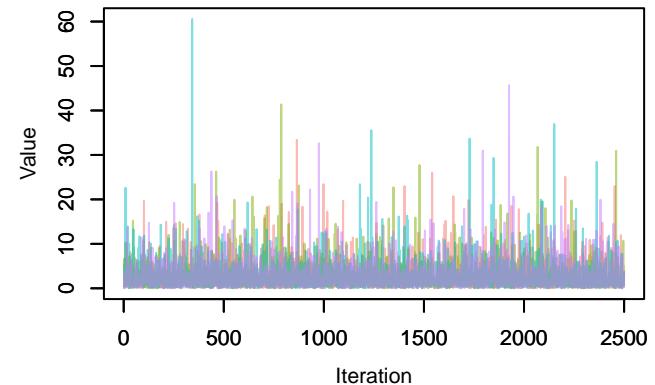
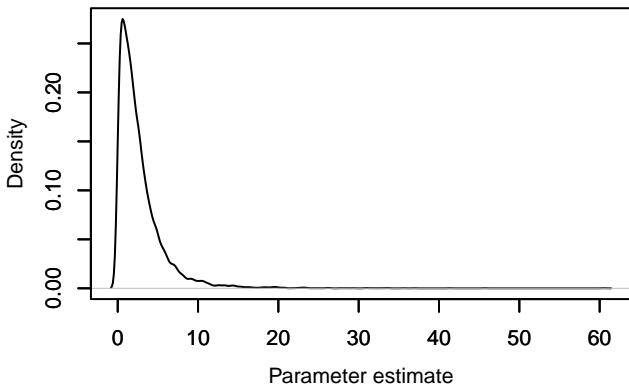
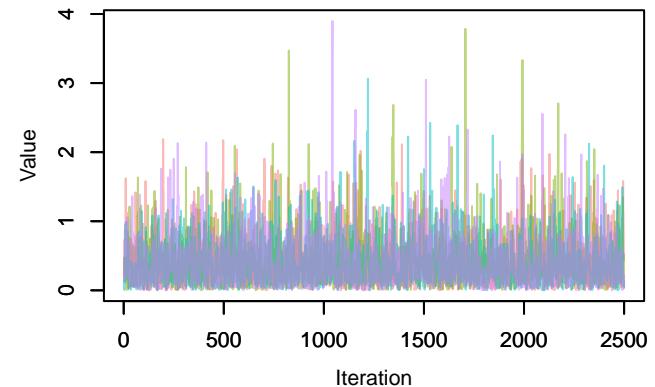
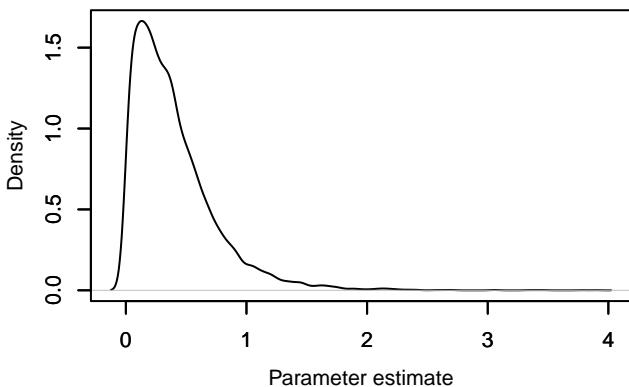
**Trace – sd\_r\_time[89]****Density – sd\_r\_time[89]****Trace – sd\_r\_time[90]****Density – sd\_r\_time[90]****Trace – sd\_r\_time[91]****Density – sd\_r\_time[91]**

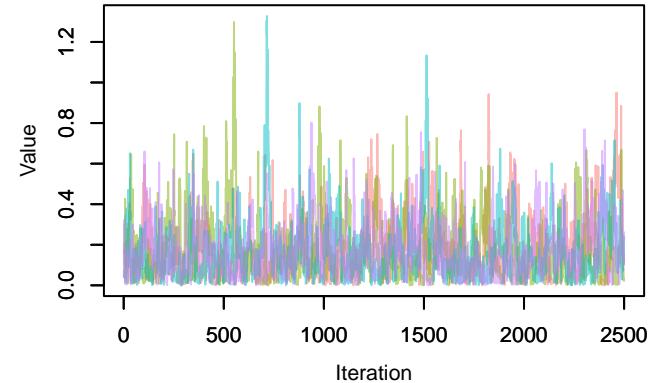
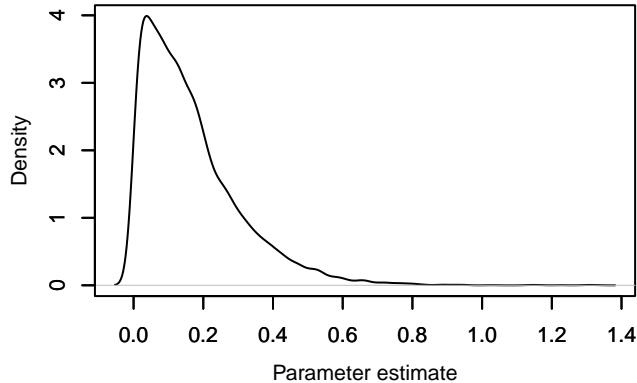
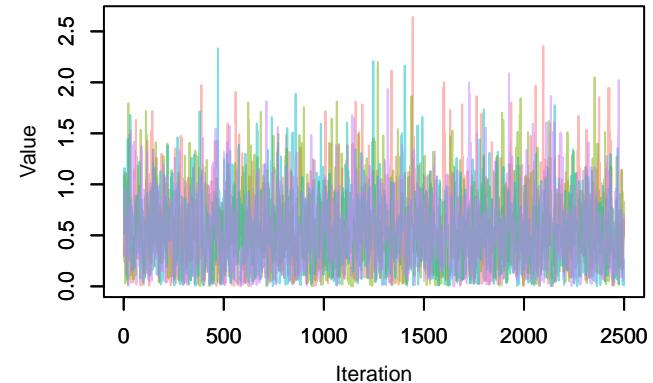
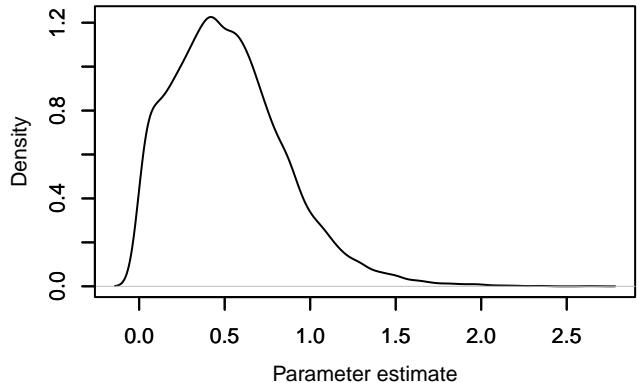
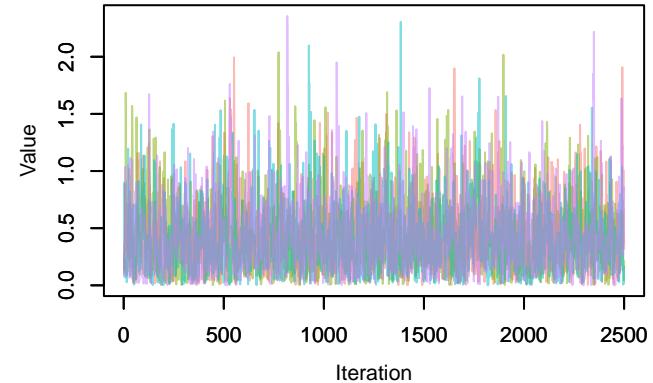
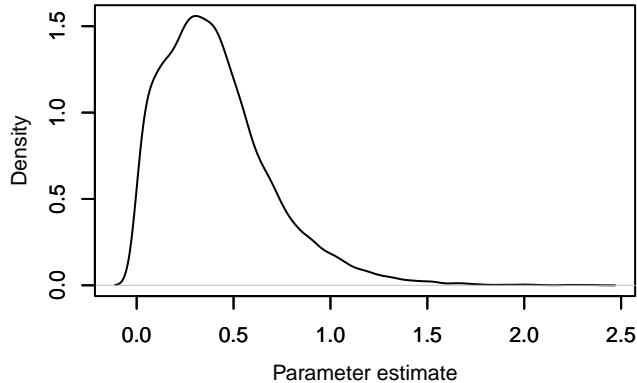
**Trace – sd\_r\_time[92]****Density – sd\_r\_time[92]****Trace – sd\_r\_time[93]****Density – sd\_r\_time[93]****Trace – sd\_r\_time[94]****Density – sd\_r\_time[94]**

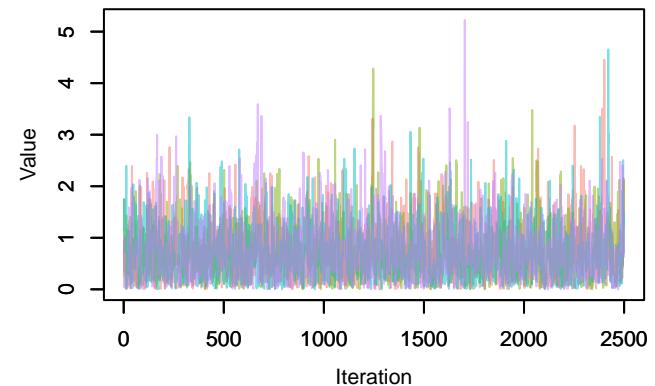
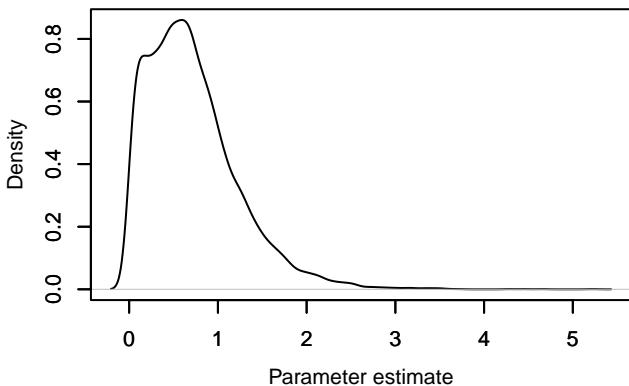
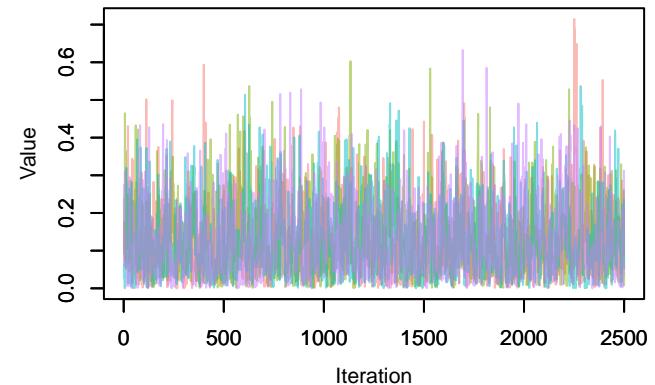
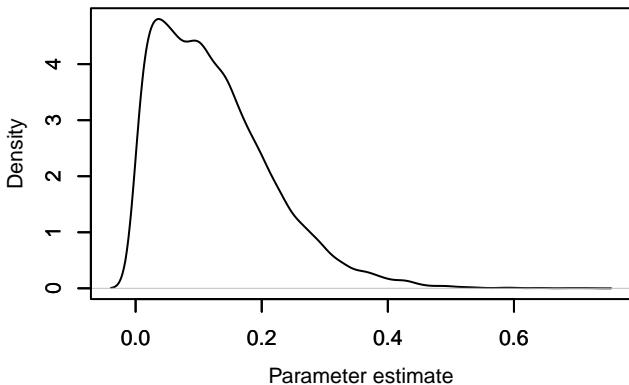
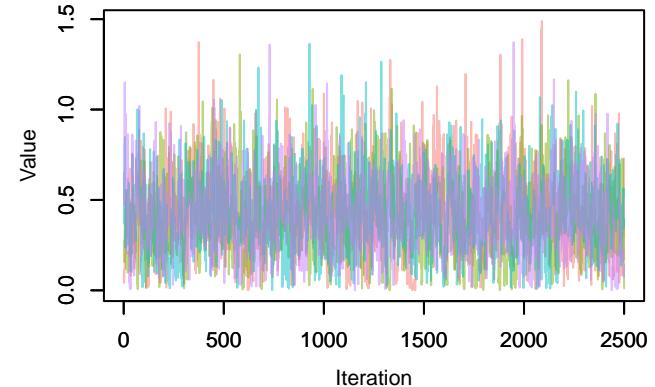
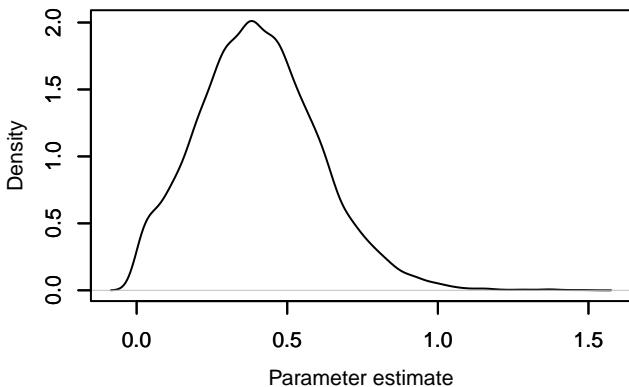
**Trace – sd\_r\_time[95]****Density – sd\_r\_time[95]****Trace – sd\_r\_time[96]****Density – sd\_r\_time[96]****Trace – sd\_r\_time[97]****Density – sd\_r\_time[97]**

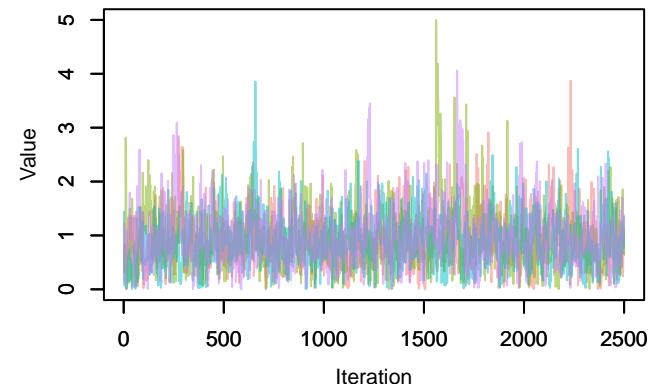
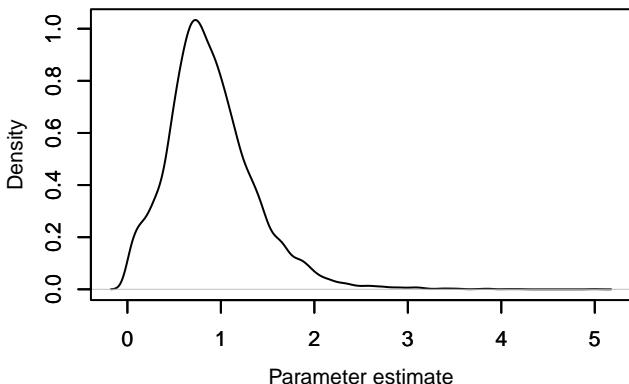
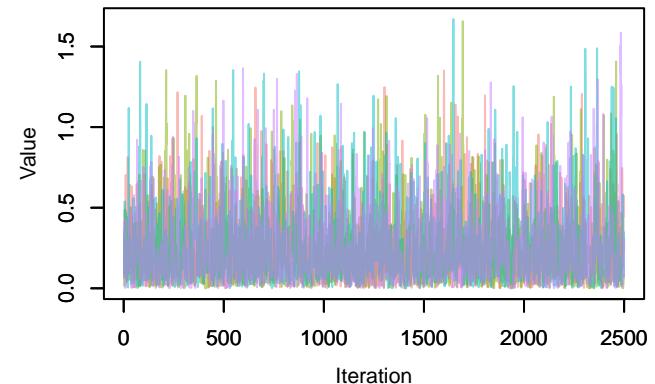
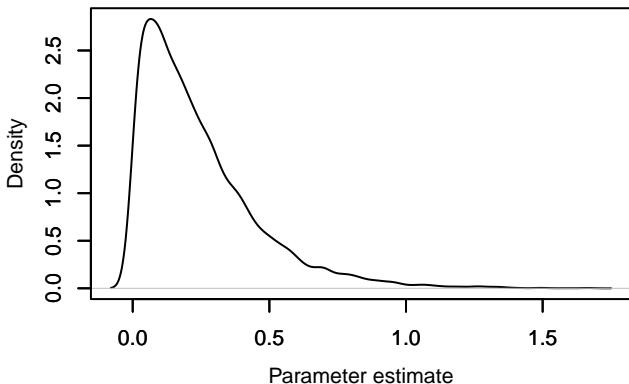
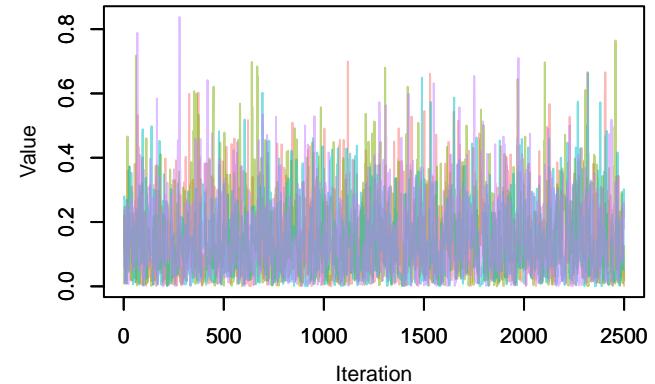
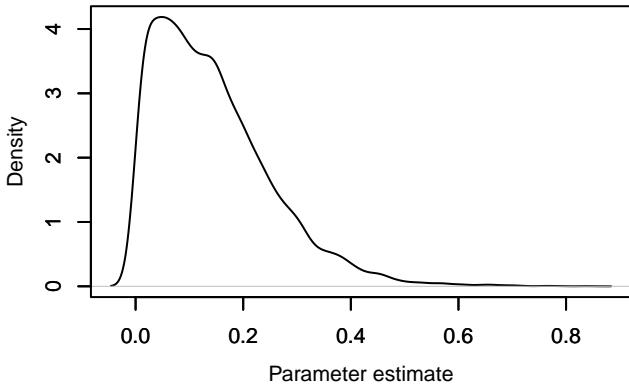
**Trace – sd\_river[1]****Density – sd\_river[1]****Trace – sd\_river[2]****Density – sd\_river[2]****Trace – sd\_river[3]****Density – sd\_river[3]**

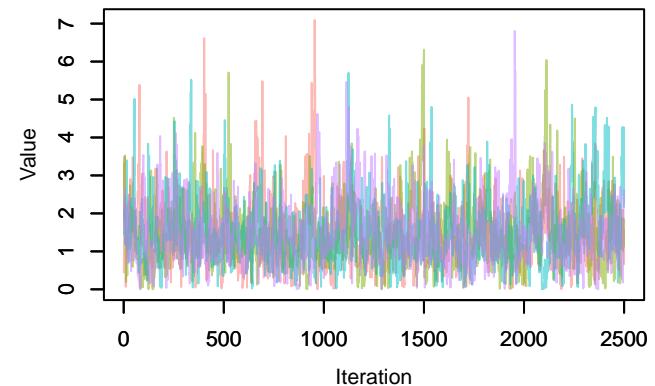
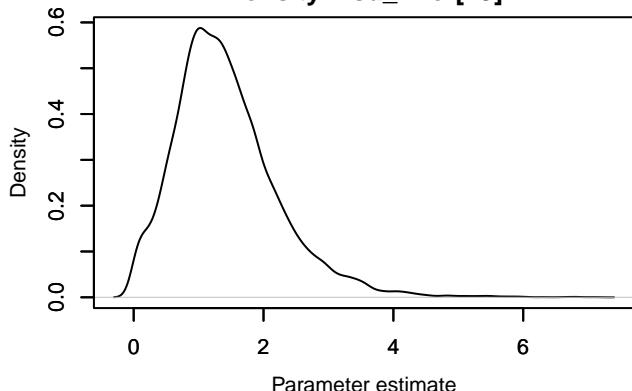
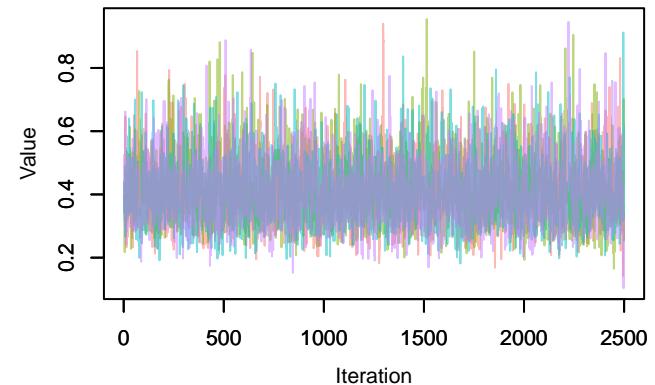
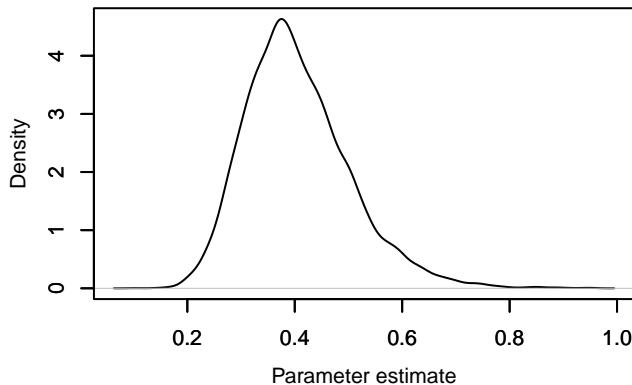
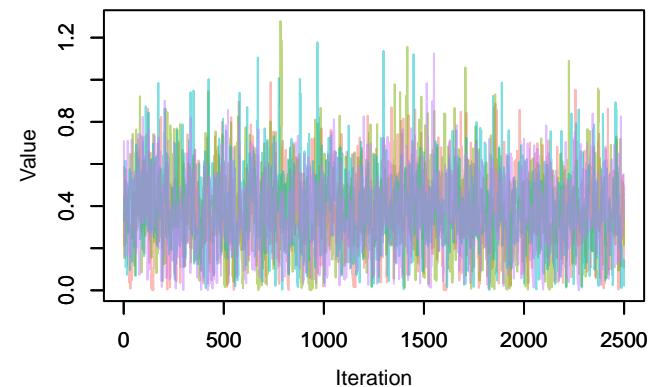
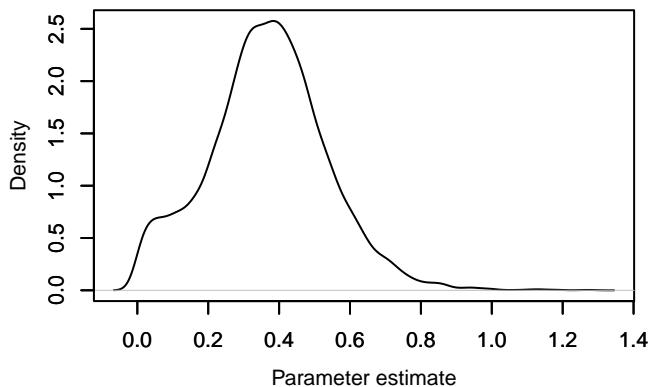
**Trace – sd\_river[4]****Density – sd\_river[4]****Trace – sd\_river[5]****Density – sd\_river[5]****Trace – sd\_river[6]****Density – sd\_river[6]**

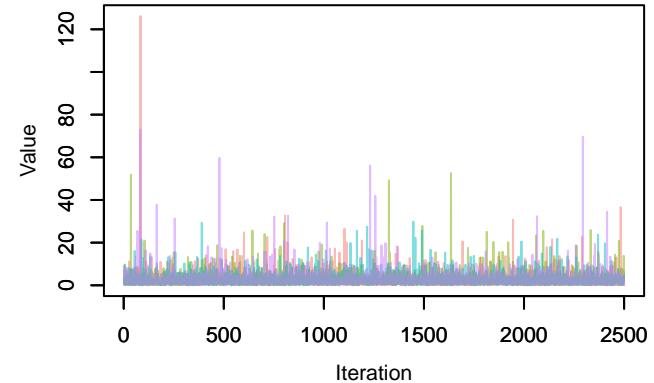
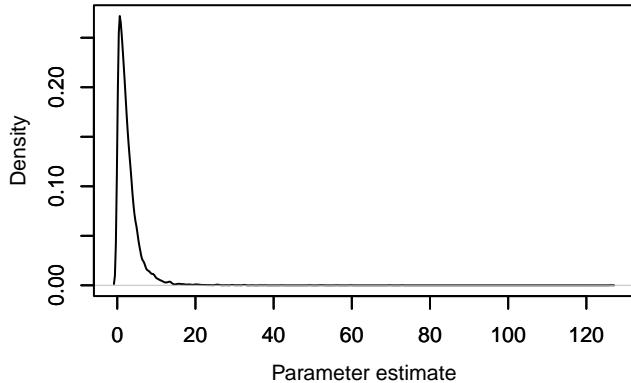
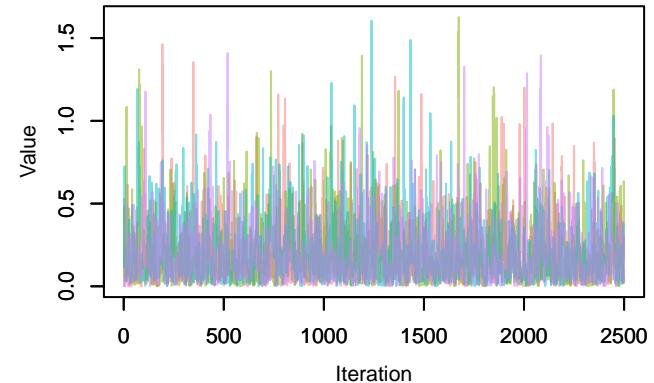
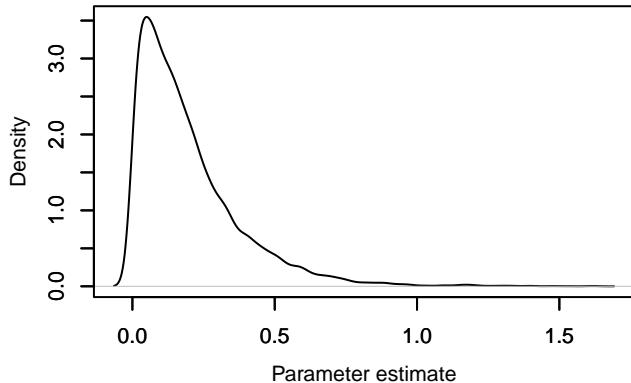
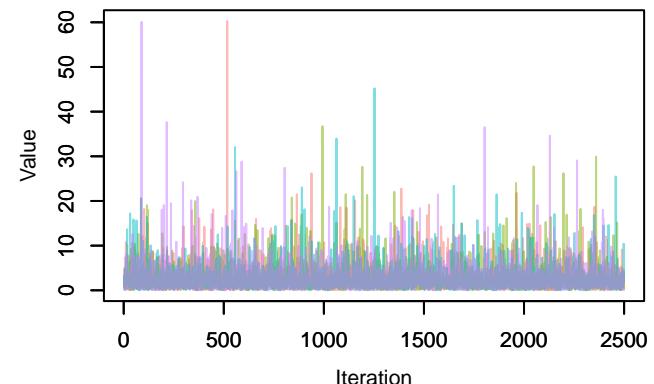
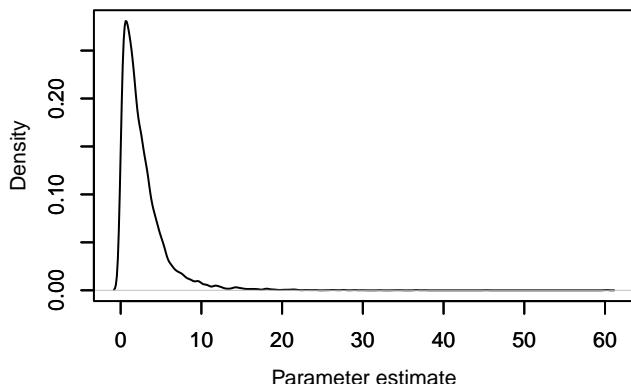
**Trace – sd\_river[7]****Density – sd\_river[7]****Trace – sd\_river[8]****Density – sd\_river[8]****Trace – sd\_river[9]****Density – sd\_river[9]**

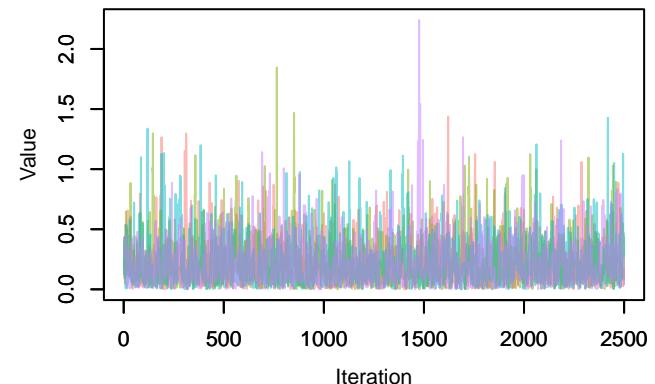
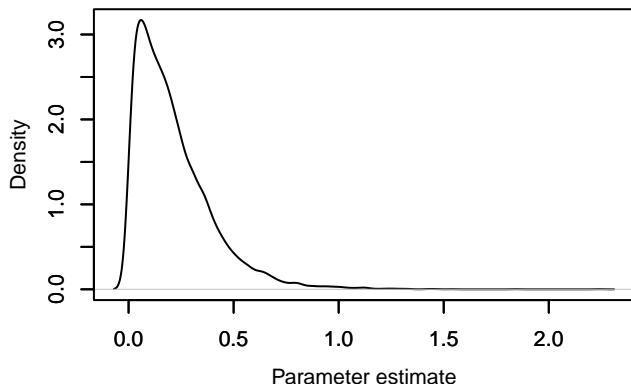
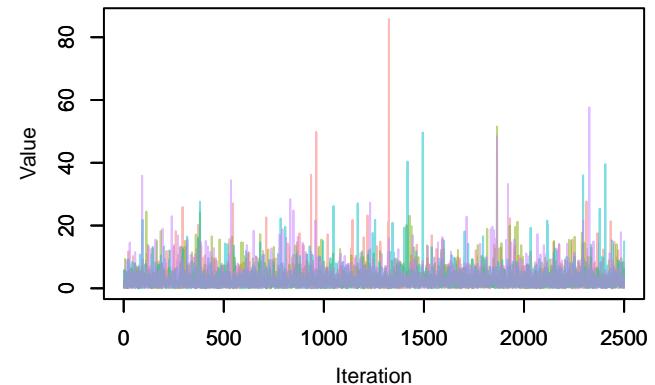
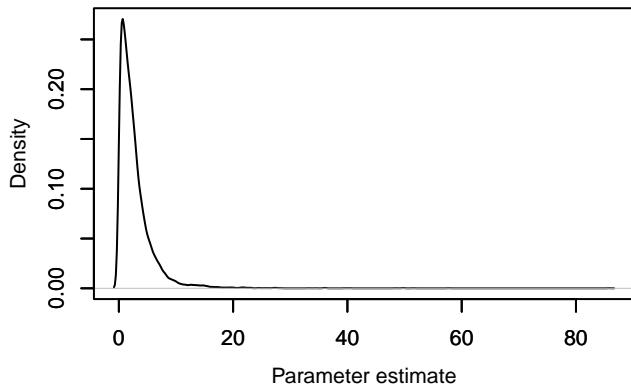
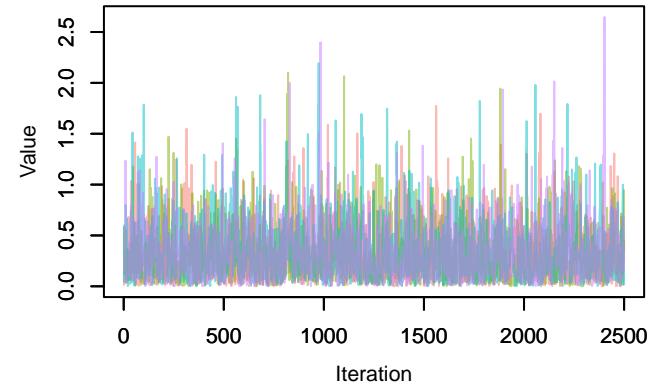
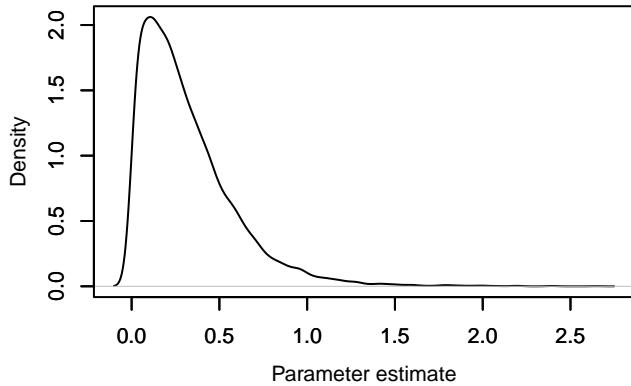
**Trace – sd\_river[10]****Density – sd\_river[10]****Trace – sd\_river[11]****Density – sd\_river[11]****Trace – sd\_river[12]****Density – sd\_river[12]**

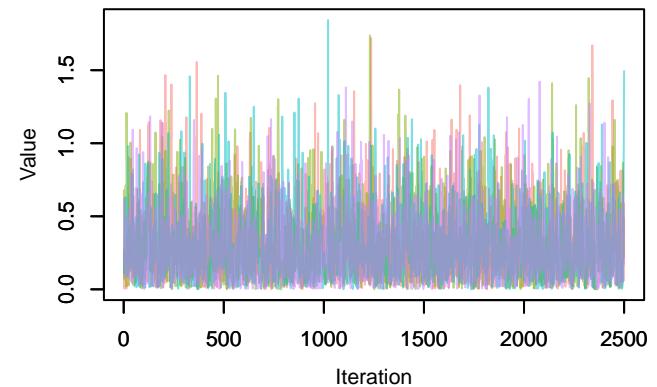
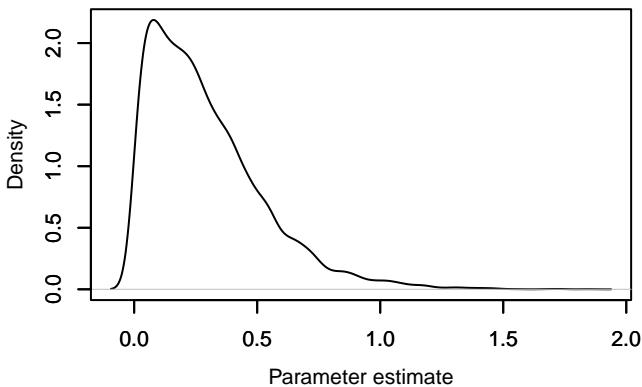
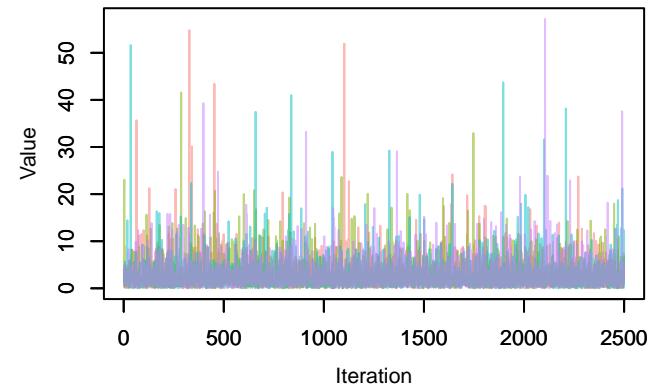
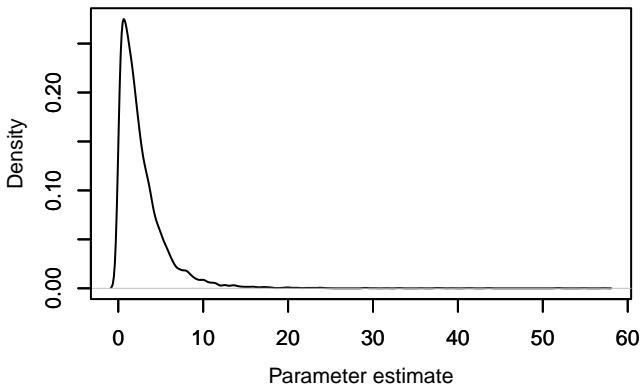
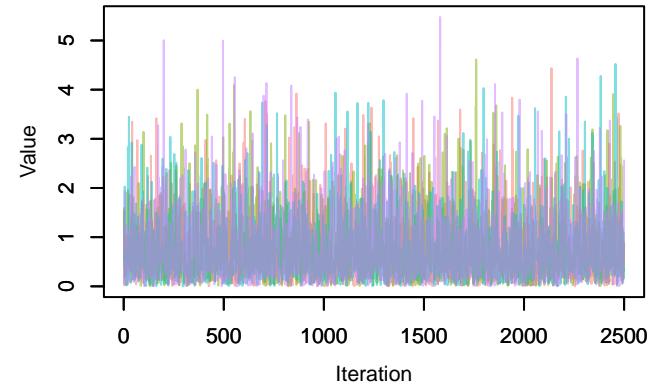
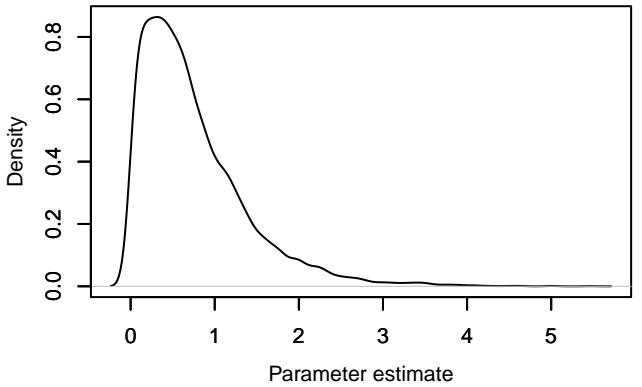
**Trace – sd\_river[13]****Density – sd\_river[13]****Trace – sd\_river[14]****Density – sd\_river[14]****Trace – sd\_river[15]****Density – sd\_river[15]**

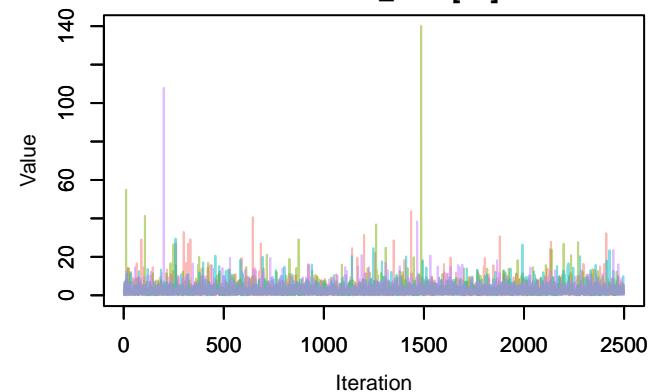
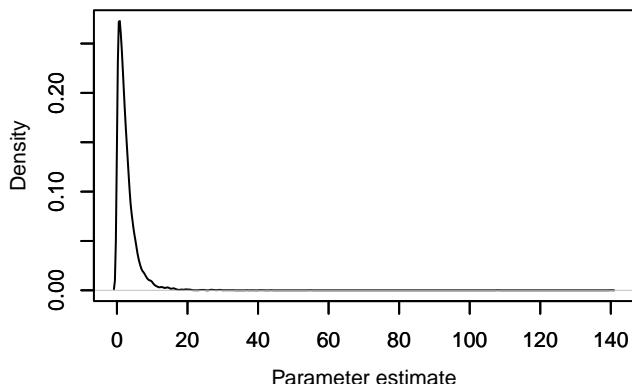
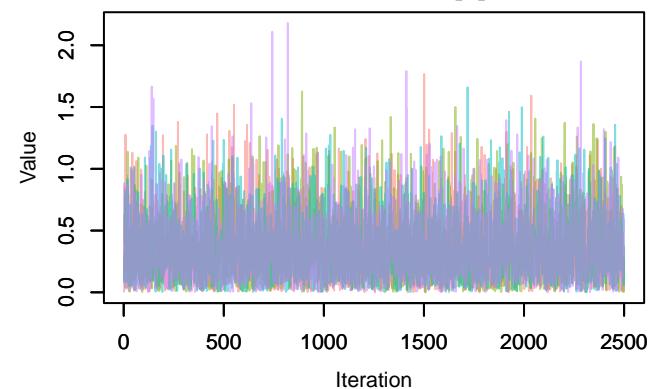
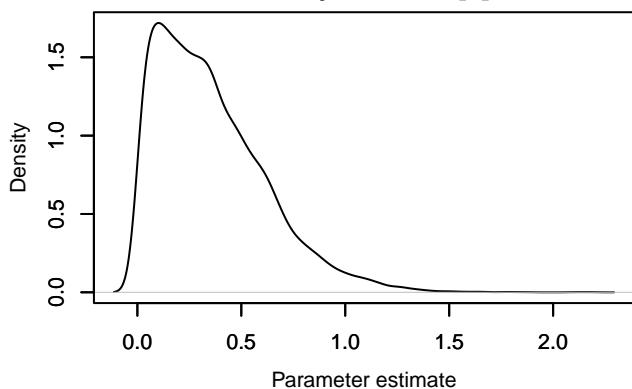
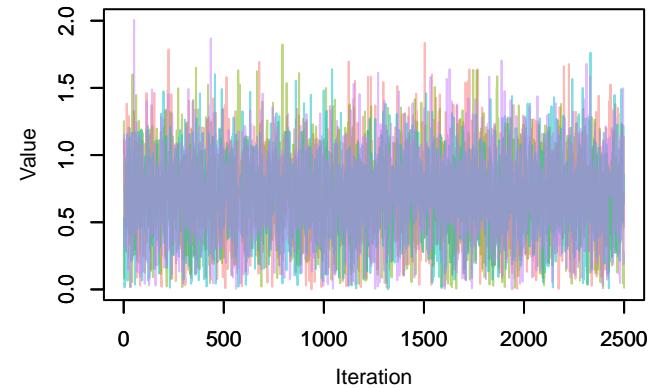
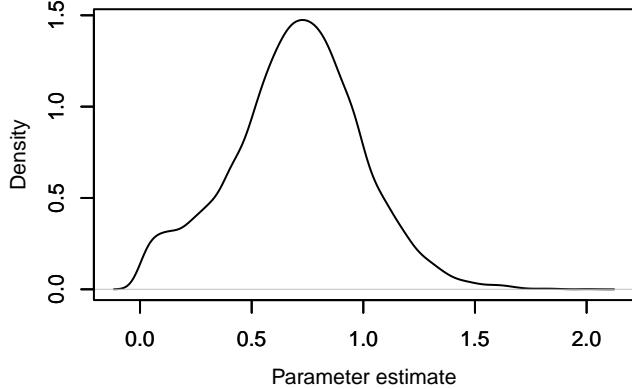
**Trace – sd\_river[16]****Density – sd\_river[16]****Trace – sd\_river[17]****Density – sd\_river[17]****Trace – sd\_river[18]****Density – sd\_river[18]**

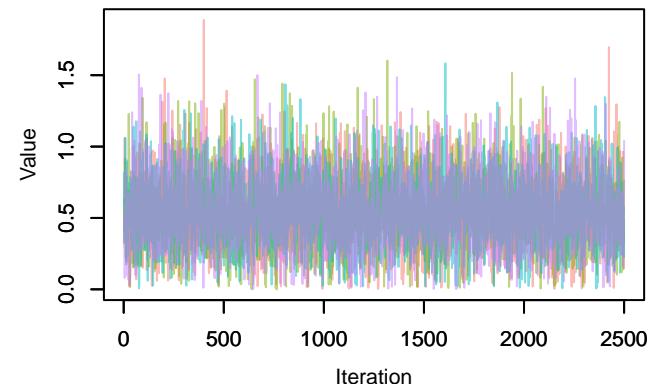
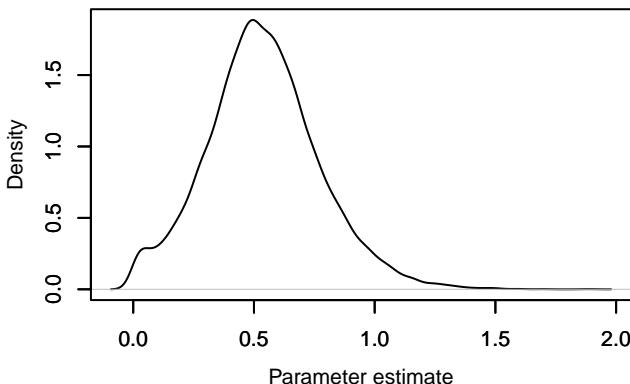
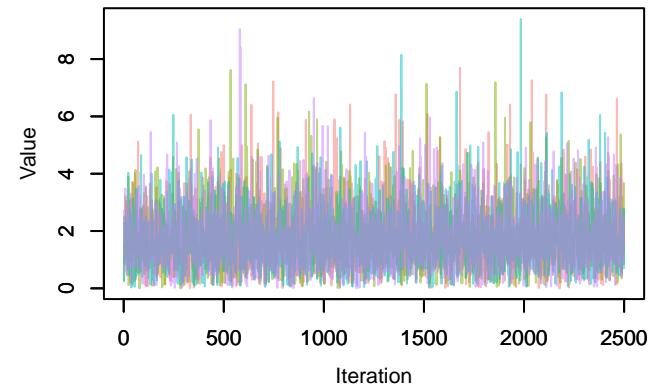
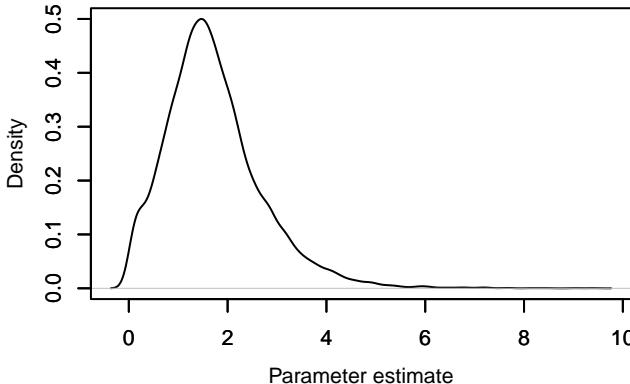
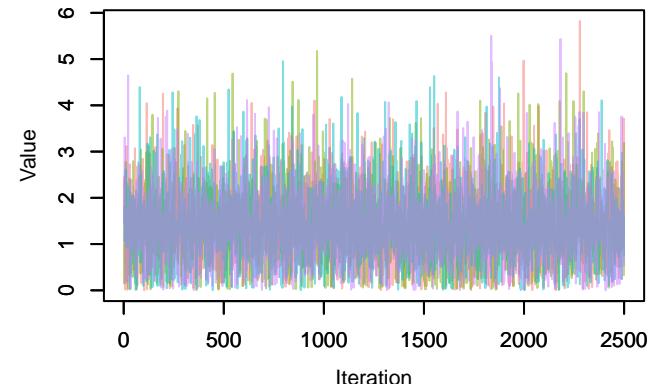
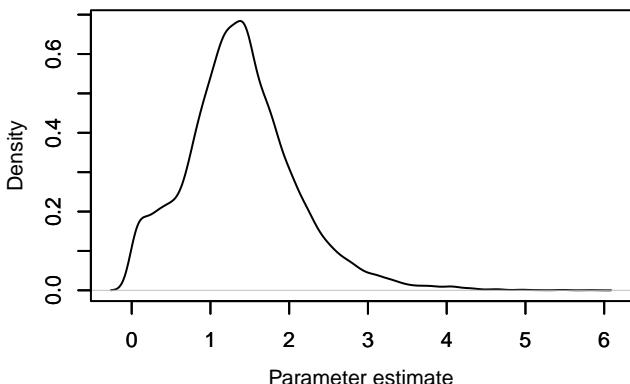
**Trace – sd\_river[19]****Density – sd\_river[19]****Trace – sd\_river[20]****Density – sd\_river[20]****Trace – sd\_river[21]****Density – sd\_river[21]**

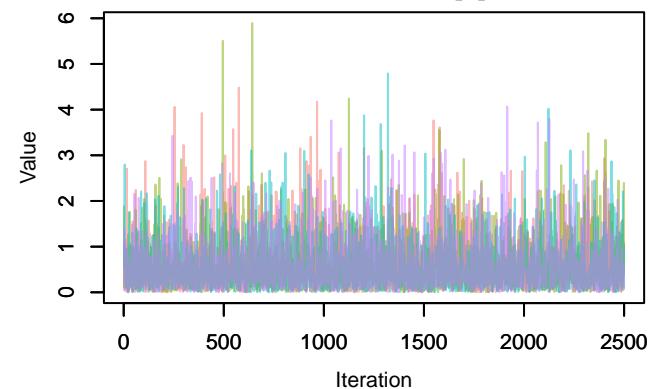
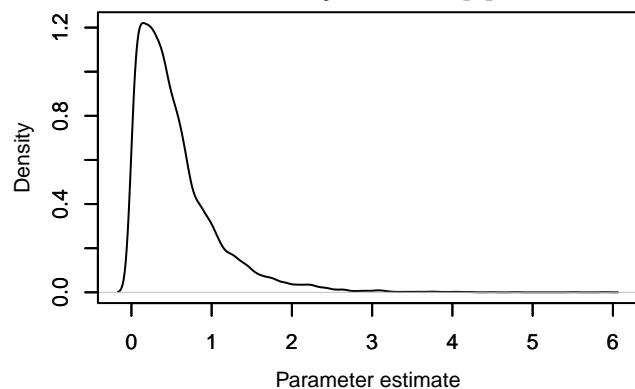
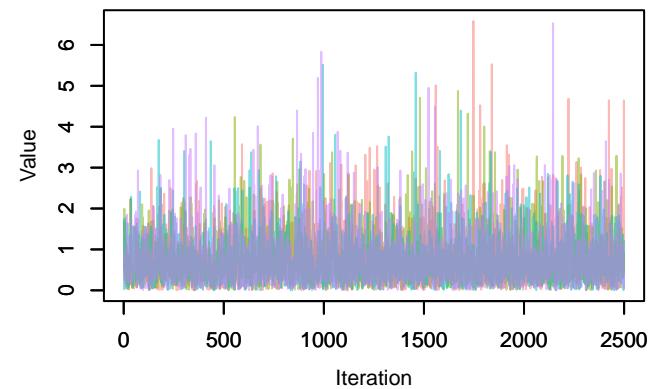
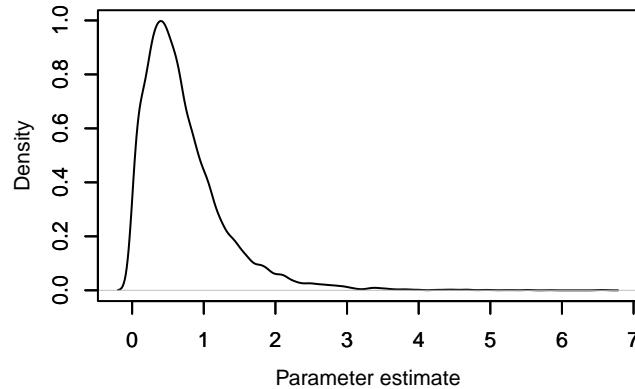
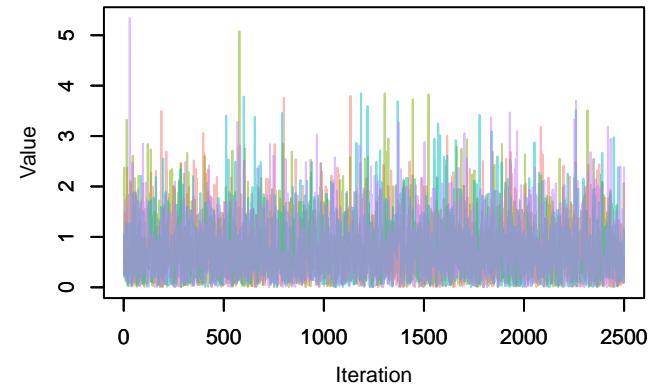
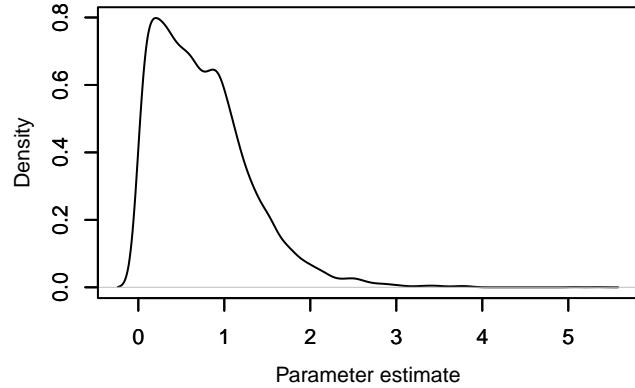
**Trace – sd\_river[22]****Density – sd\_river[22]****Trace – sd\_river[23]****Density – sd\_river[23]****Trace – sd\_river[24]****Density – sd\_river[24]**

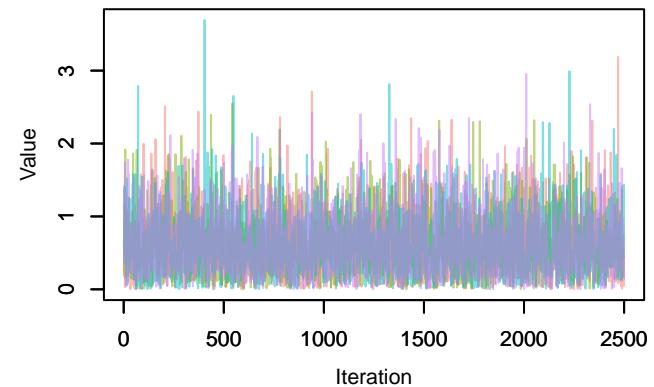
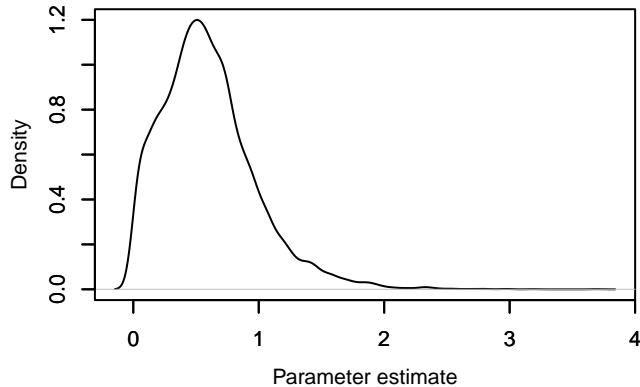
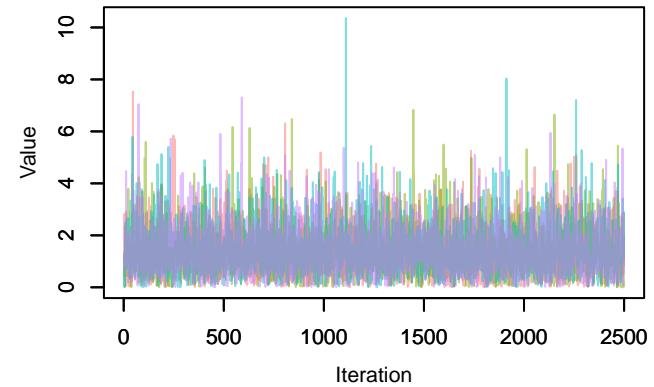
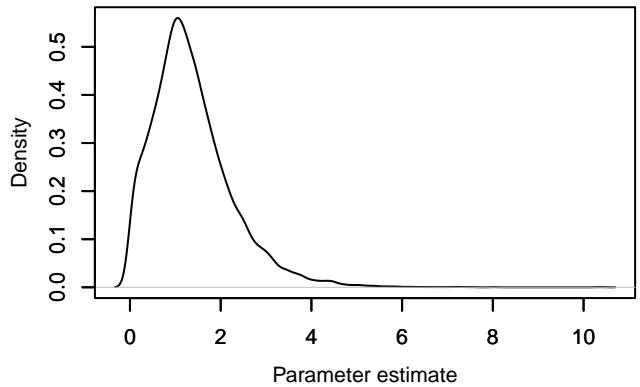
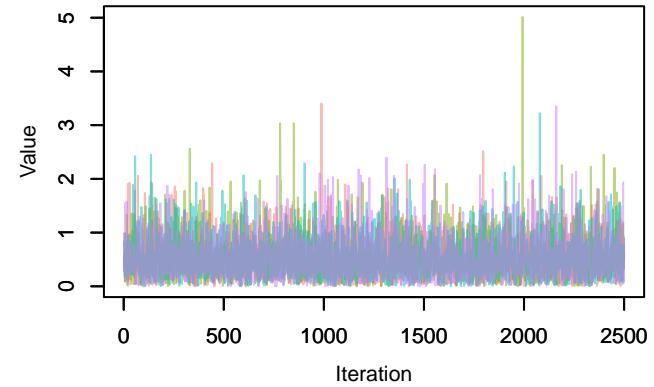
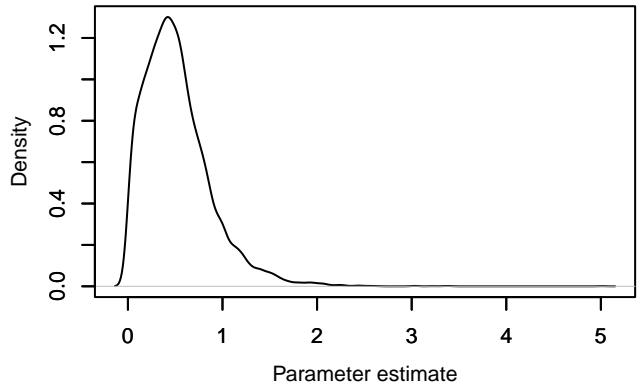
**Trace – sd\_river[25]****Density – sd\_river[25]****Trace – sd\_river[26]****Density – sd\_river[26]****Trace – sd\_river[27]****Density – sd\_river[27]**

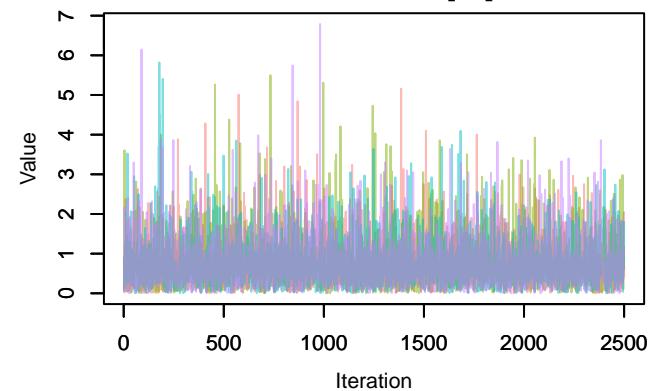
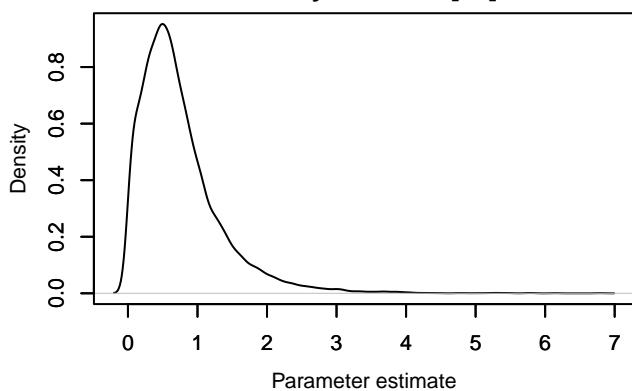
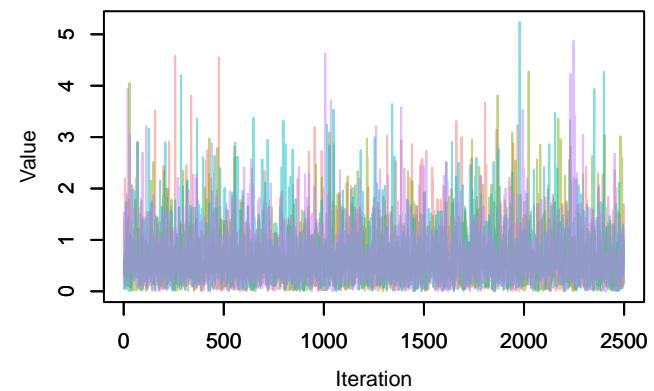
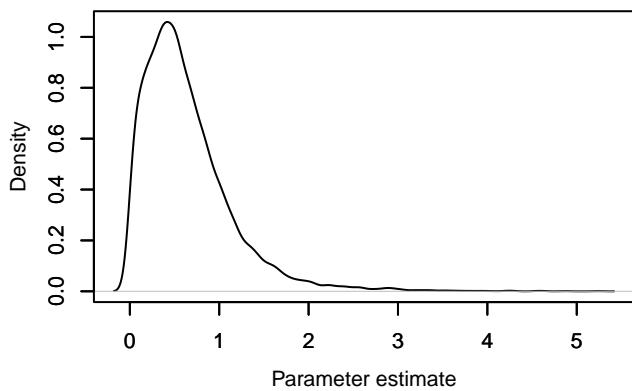
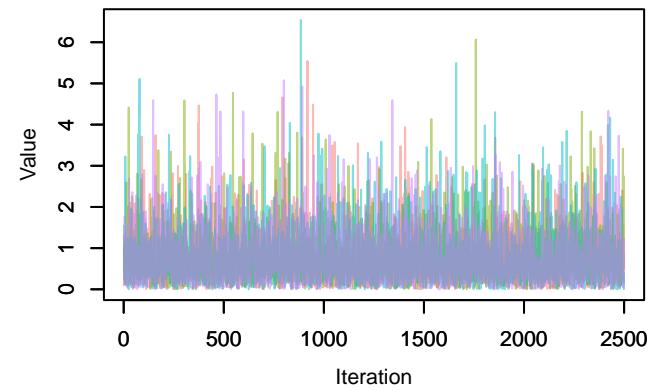
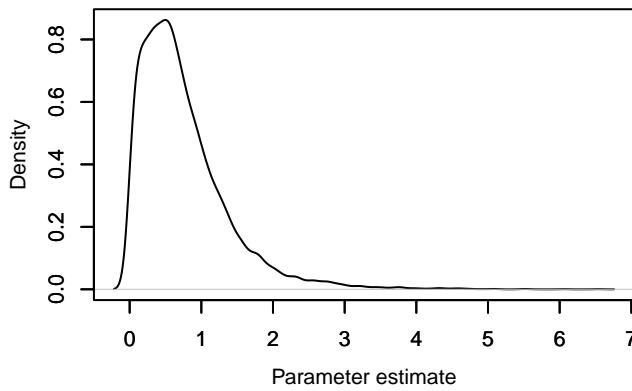
**Trace – sd\_river[28]****Density – sd\_river[28]****Trace – sd\_river[29]****Density – sd\_river[29]****Trace – sd\_river[30]****Density – sd\_river[30]**

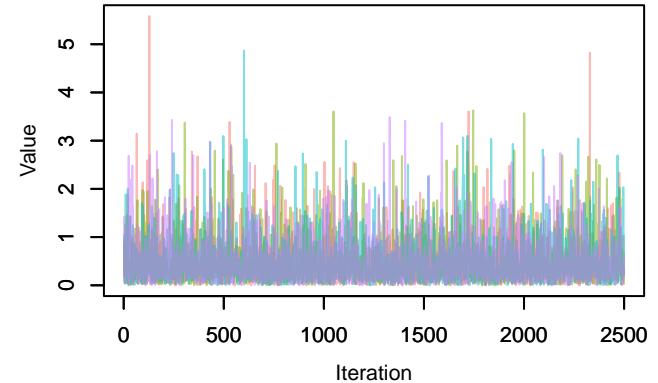
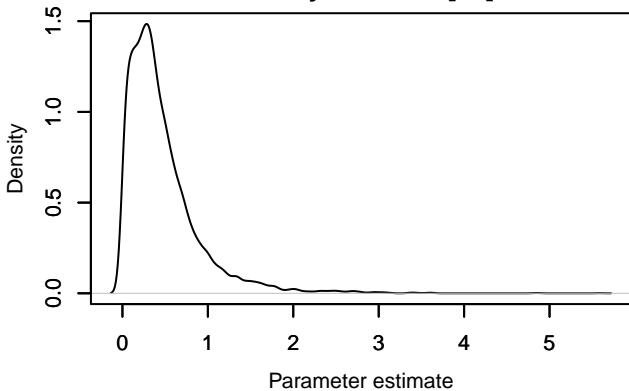
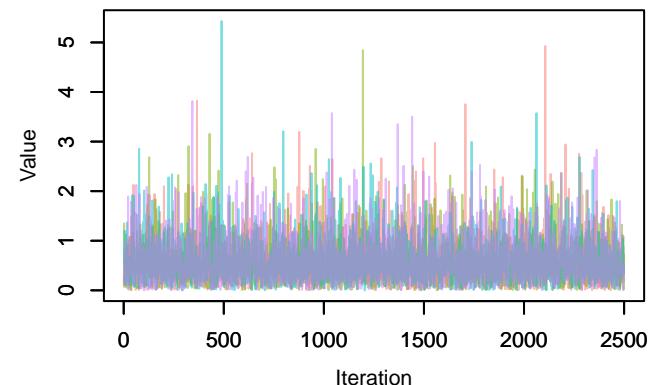
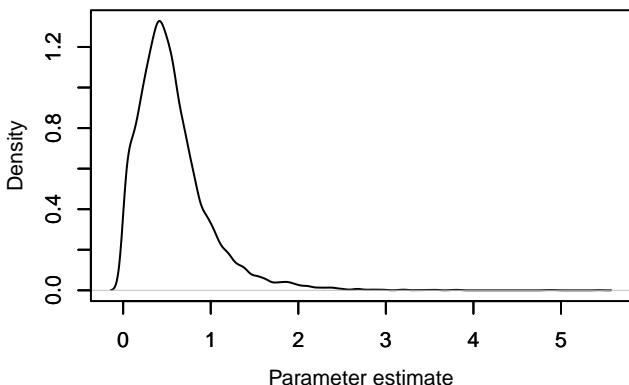
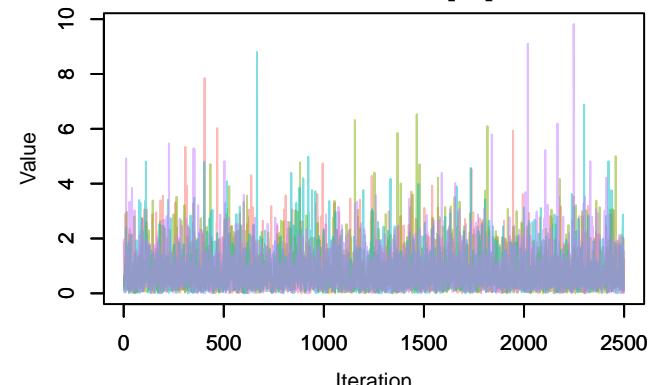
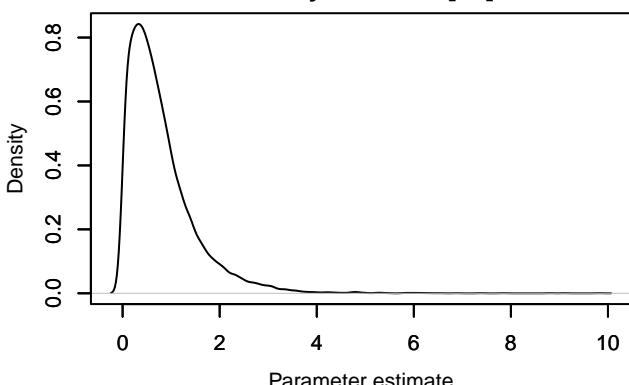
**Trace – sd\_river[31]****Density – sd\_river[31]****Trace – sd\_obs[1]****Density – sd\_obs[1]****Trace – sd\_obs[2]****Density – sd\_obs[2]**

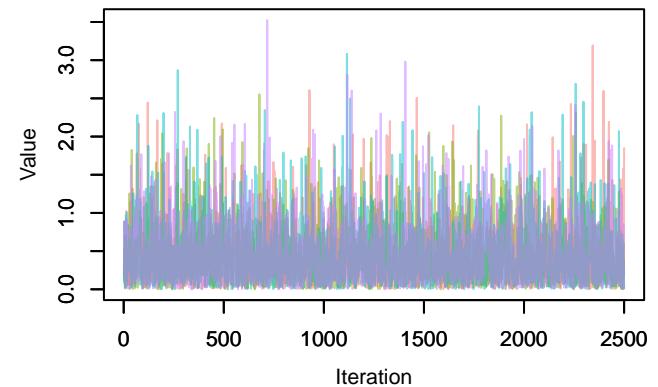
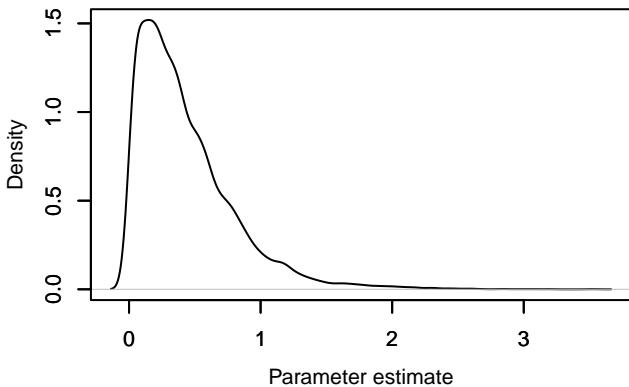
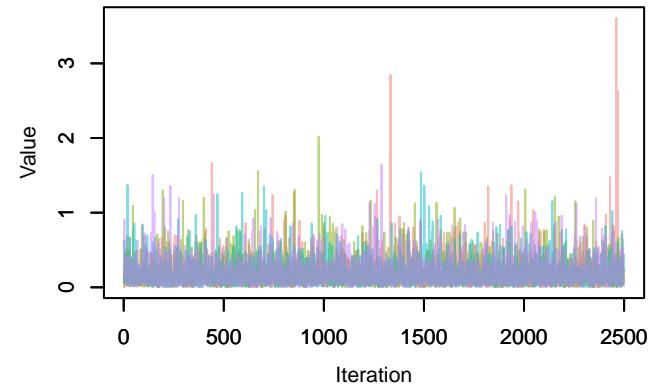
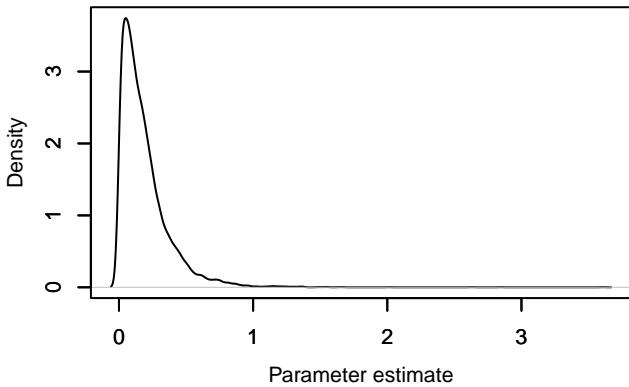
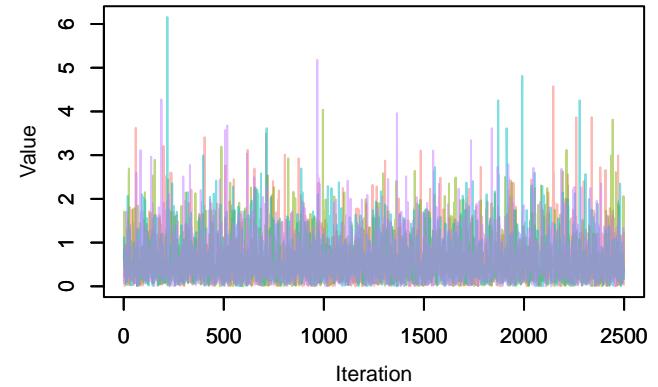
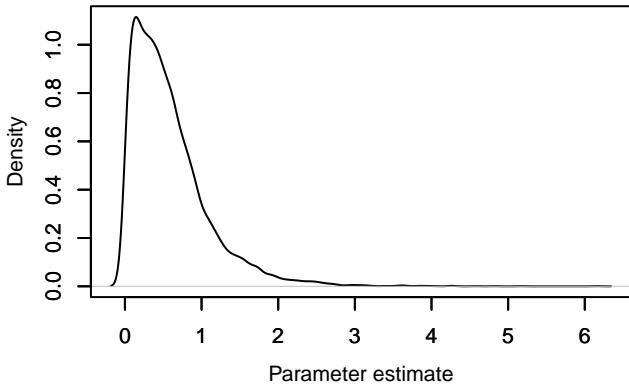
**Trace – sd\_obs[3]****Density – sd\_obs[3]****Trace – sd\_obs[4]****Density – sd\_obs[4]****Trace – sd\_obs[5]****Density – sd\_obs[5]**

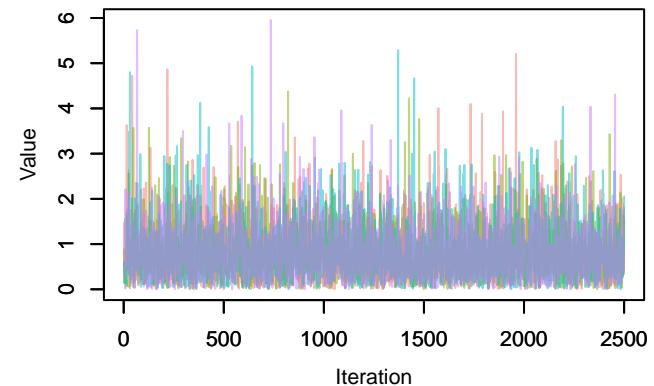
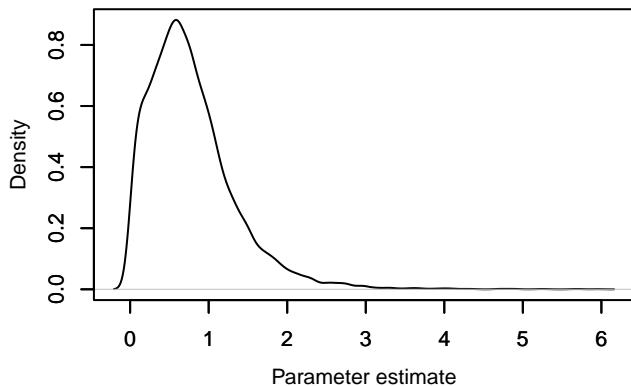
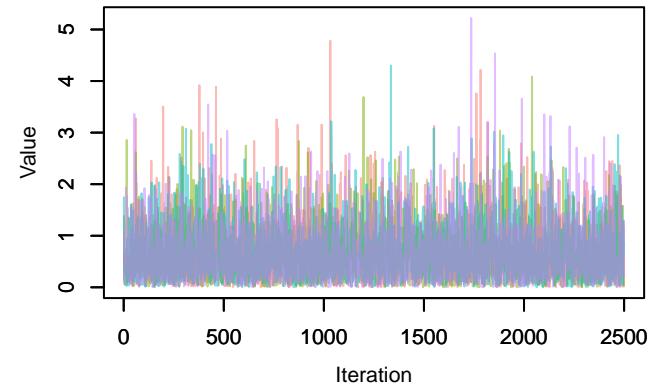
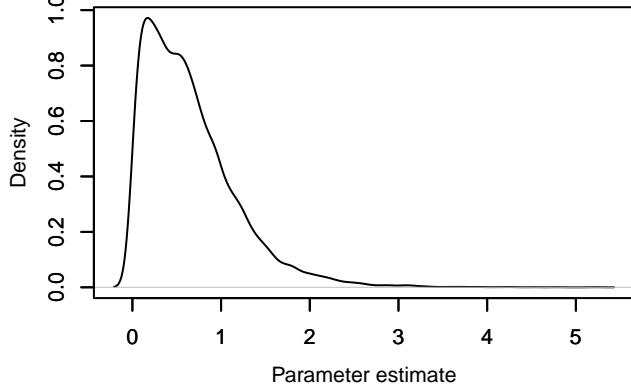
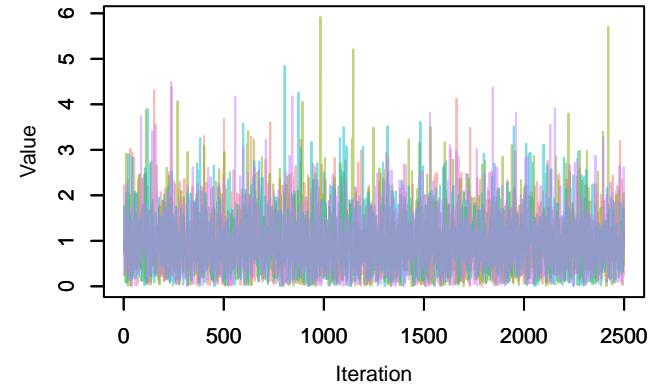
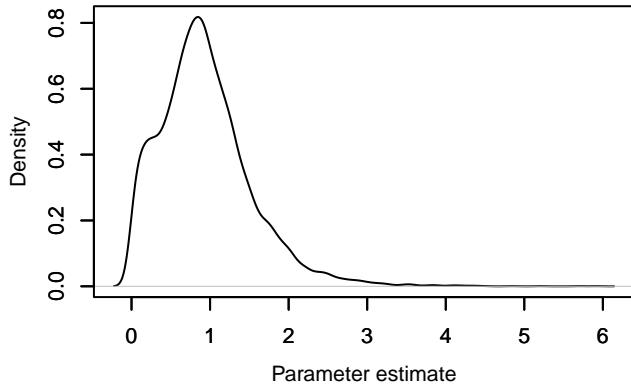
**Trace – sd\_obs[6]****Density – sd\_obs[6]****Trace – sd\_obs[7]****Density – sd\_obs[7]****Trace – sd\_obs[8]****Density – sd\_obs[8]**

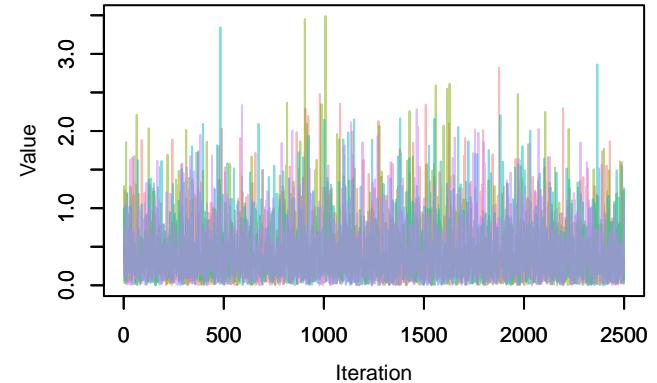
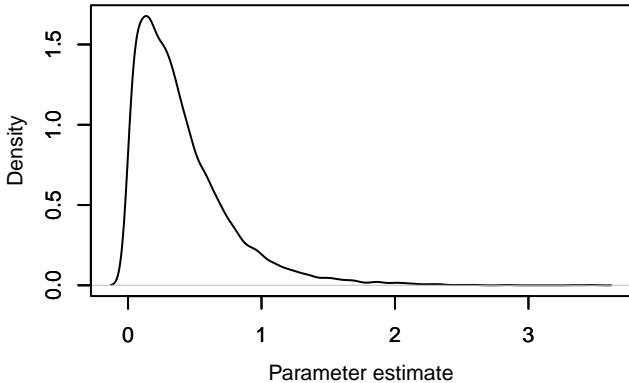
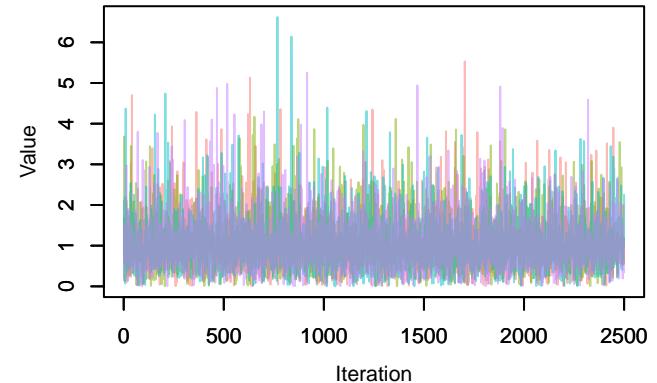
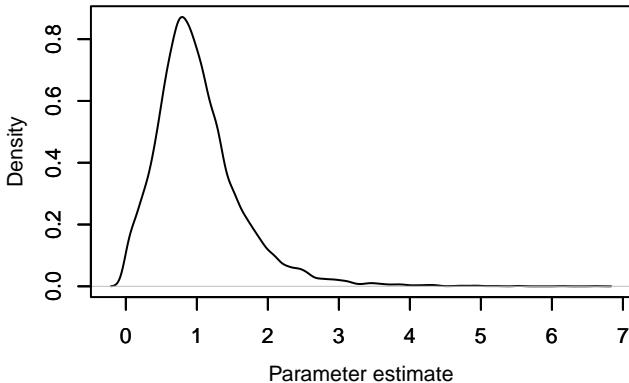
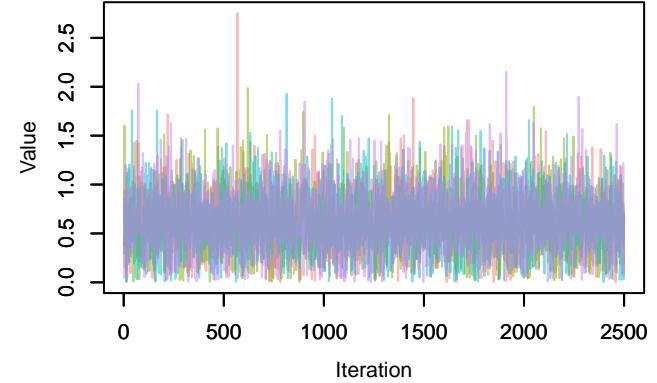
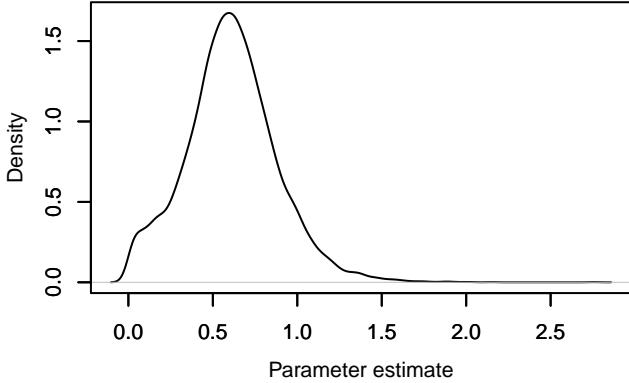
**Trace – sd\_obs[9]****Density – sd\_obs[9]****Trace – sd\_obs[10]****Density – sd\_obs[10]****Trace – sd\_obs[11]****Density – sd\_obs[11]**

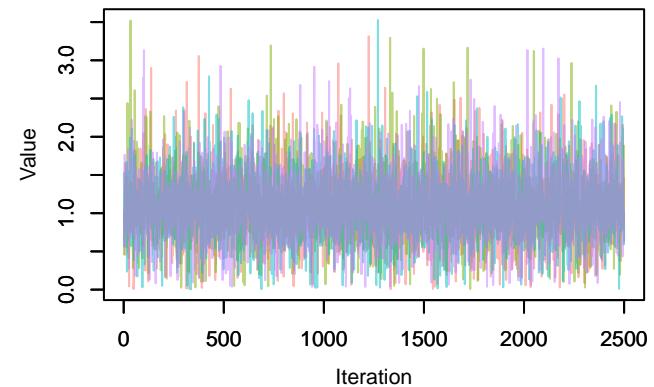
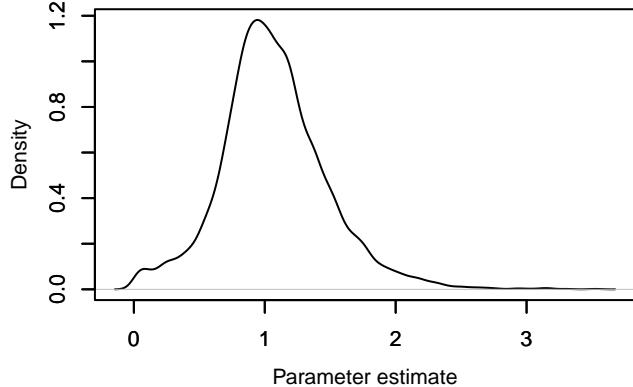
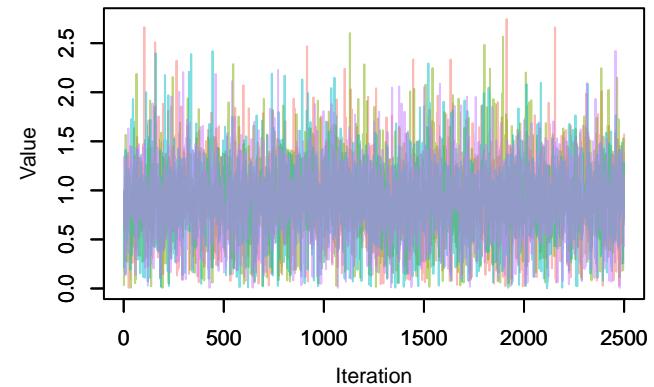
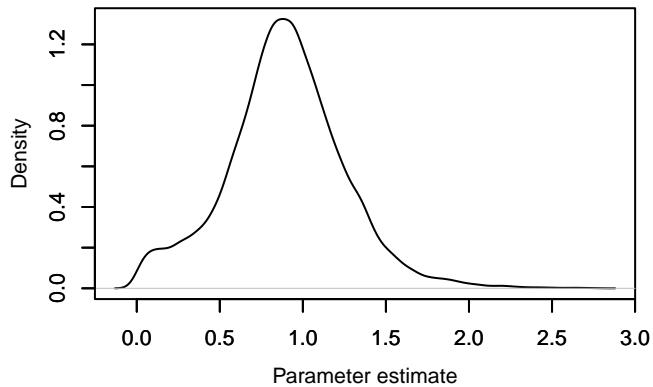
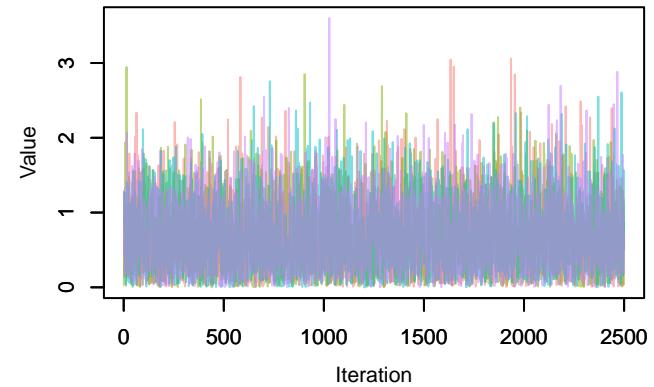
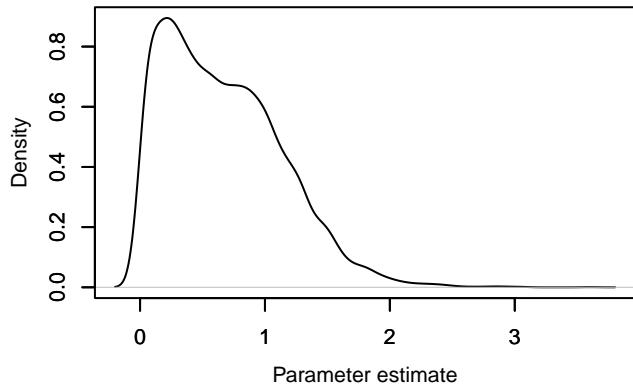
**Trace –  $sd\_obs[12]$** **Density –  $sd\_obs[12]$** **Trace –  $sd\_obs[13]$** **Density –  $sd\_obs[13]$** **Trace –  $sd\_obs[14]$** **Density –  $sd\_obs[14]$** 

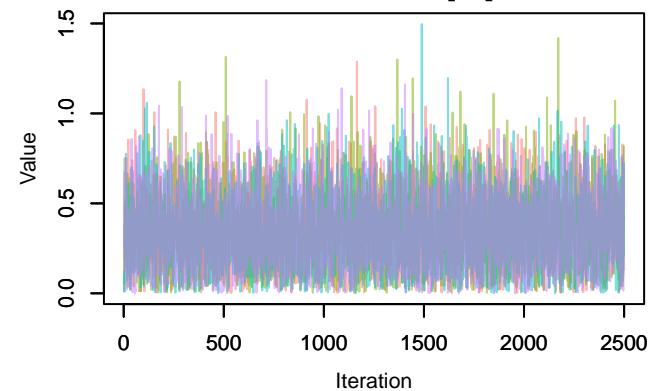
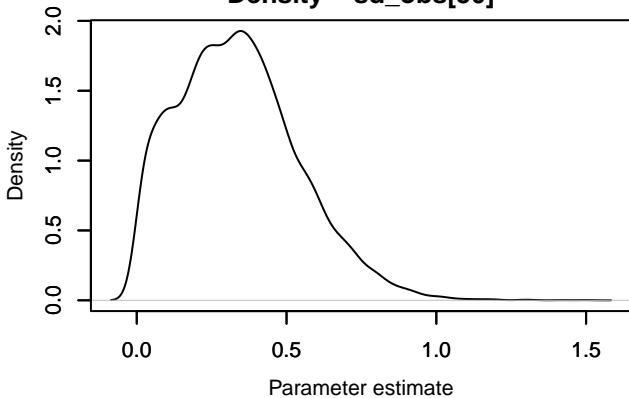
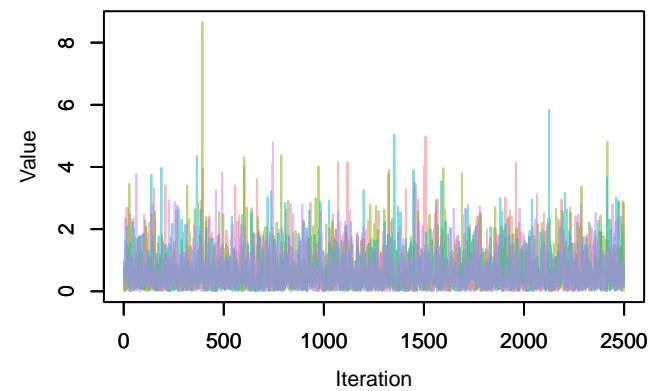
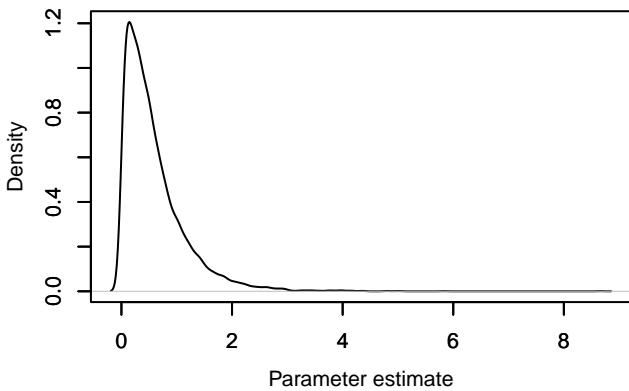
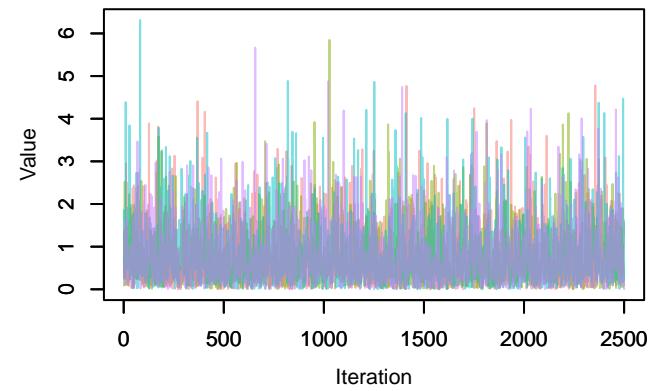
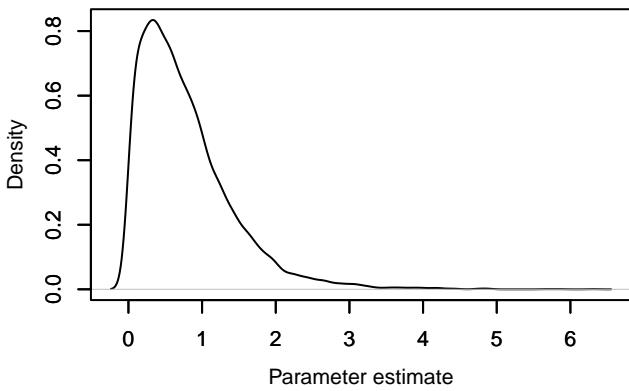
**Trace –  $sd\_obs[15]$** **Density –  $sd\_obs[15]$** **Trace –  $sd\_obs[16]$** **Density –  $sd\_obs[16]$** **Trace –  $sd\_obs[17]$** **Density –  $sd\_obs[17]$** 

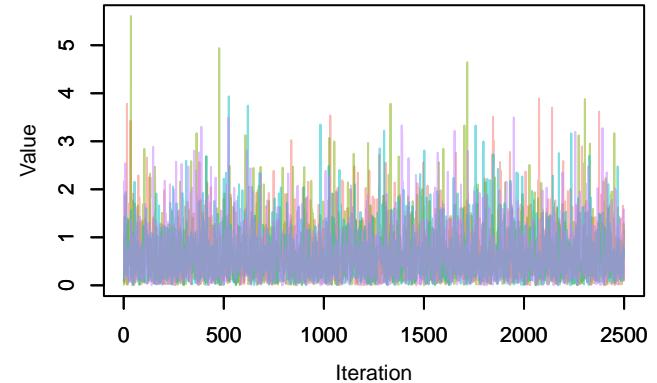
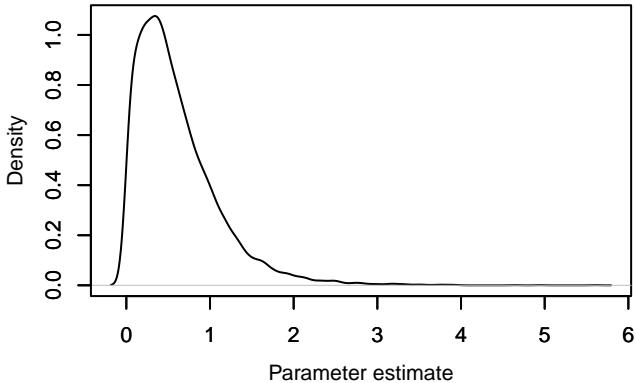
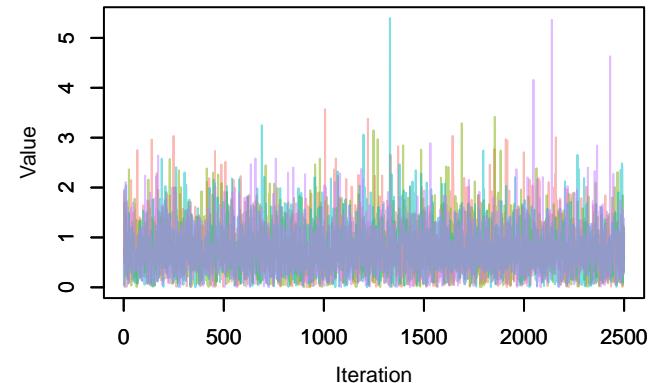
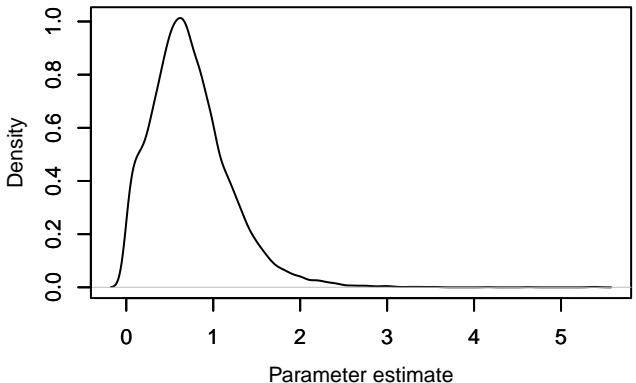
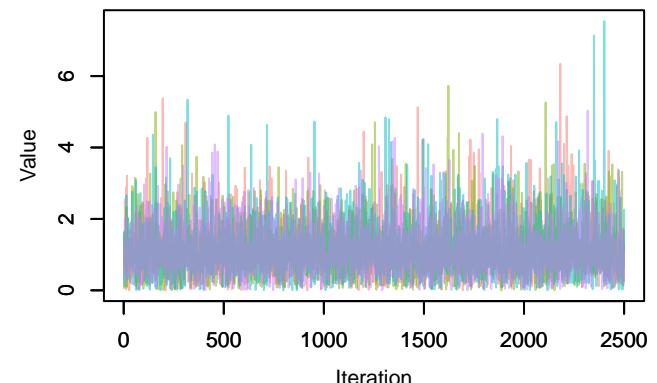
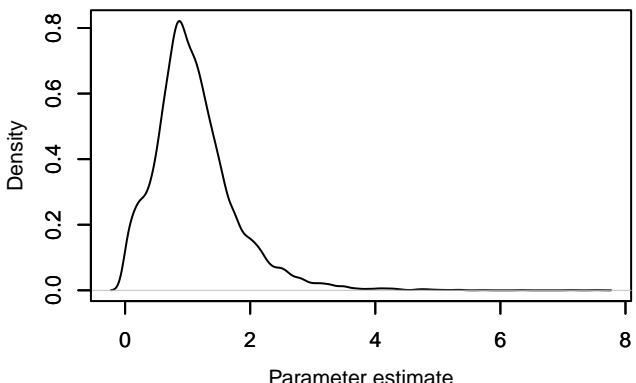
**Trace – sd\_obs[18]****Density – sd\_obs[18]****Trace – sd\_obs[19]****Density – sd\_obs[19]****Trace – sd\_obs[20]****Density – sd\_obs[20]**

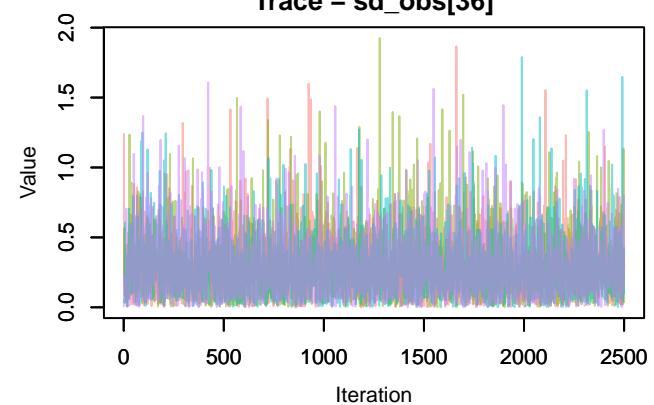
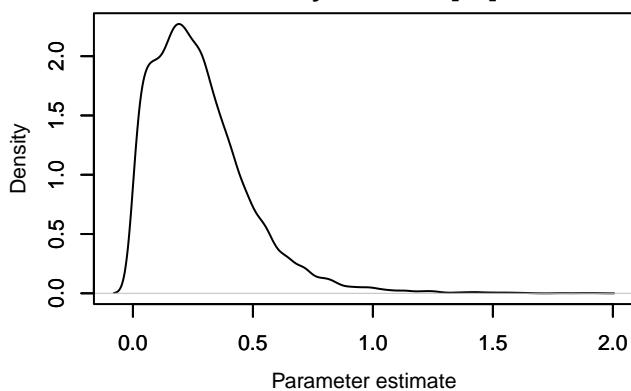
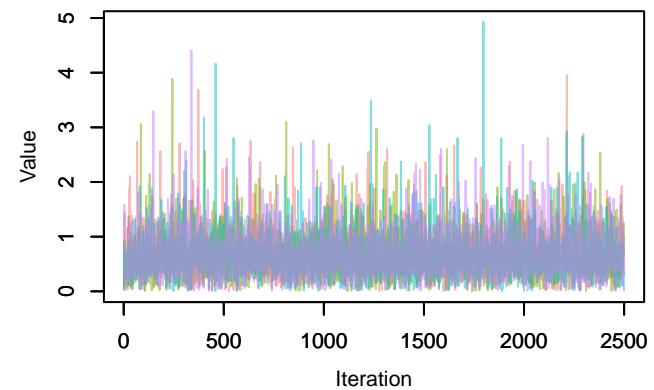
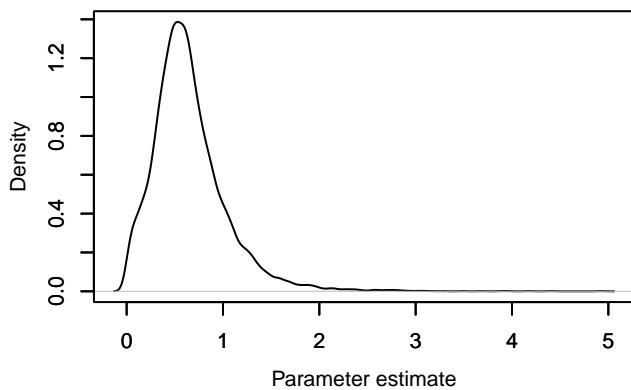
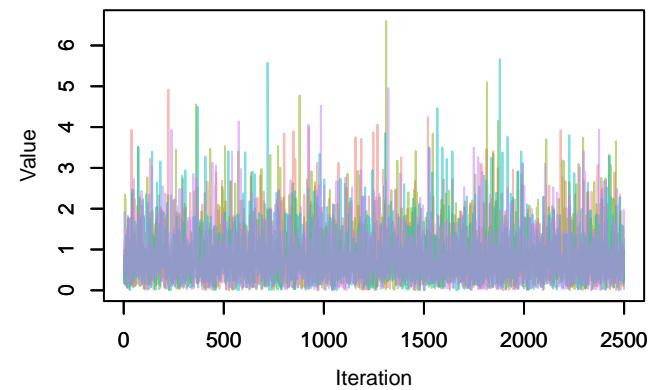
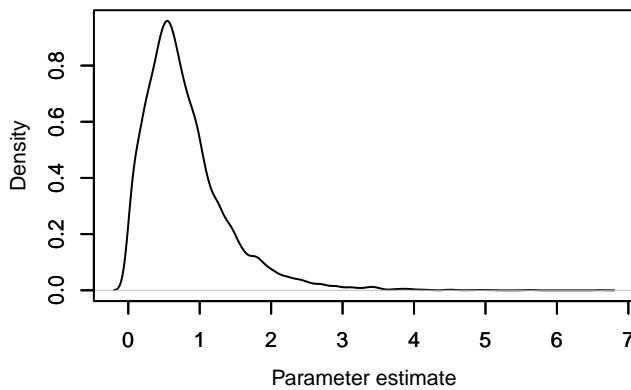
**Trace – sd\_obs[21]****Density – sd\_obs[21]****Trace – sd\_obs[22]****Density – sd\_obs[22]****Trace – sd\_obs[23]****Density – sd\_obs[23]**

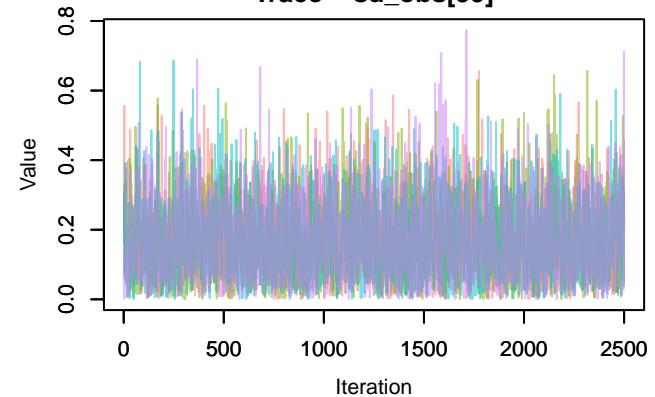
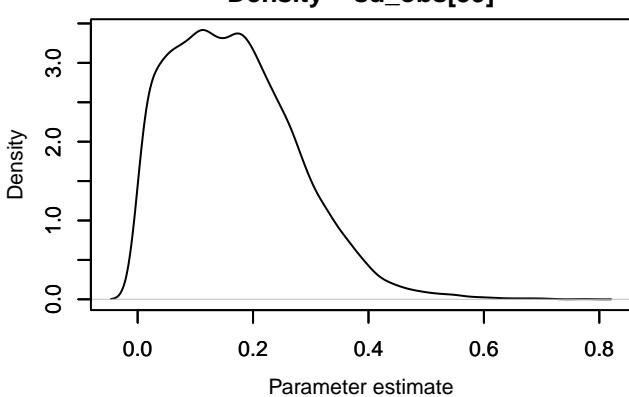
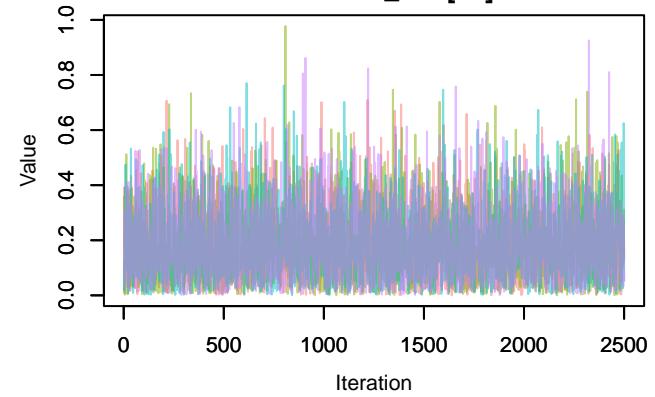
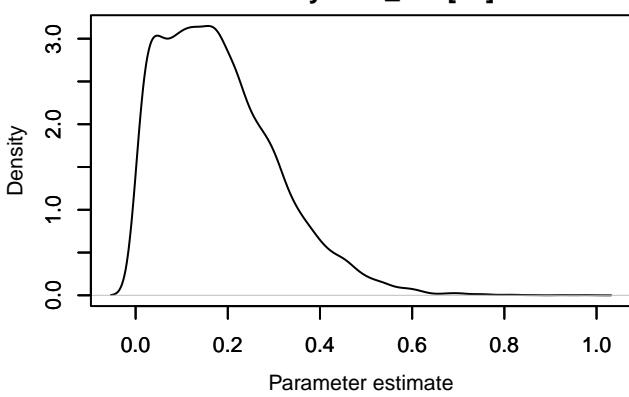
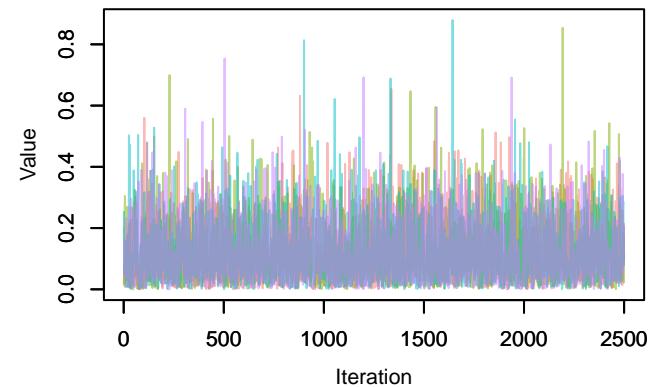
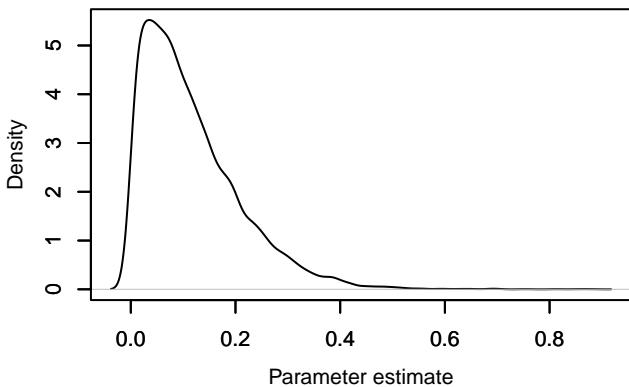
**Trace –  $sd\_obs[24]$** **Density –  $sd\_obs[24]$** **Trace –  $sd\_obs[25]$** **Density –  $sd\_obs[25]$** **Trace –  $sd\_obs[26]$** **Density –  $sd\_obs[26]$** 

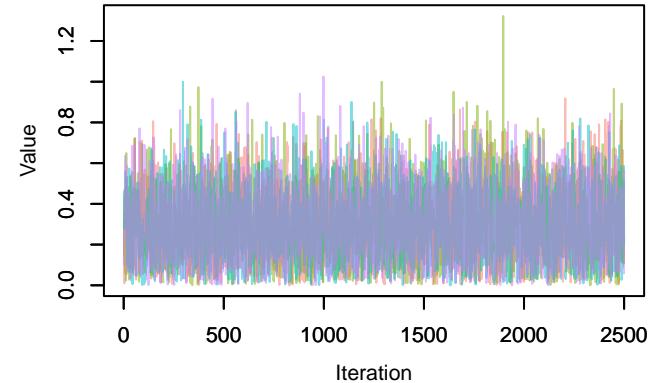
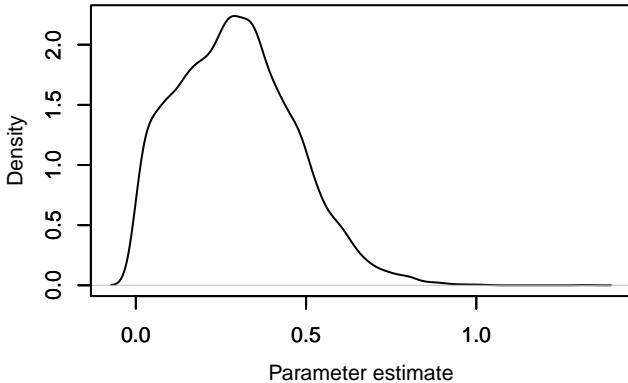
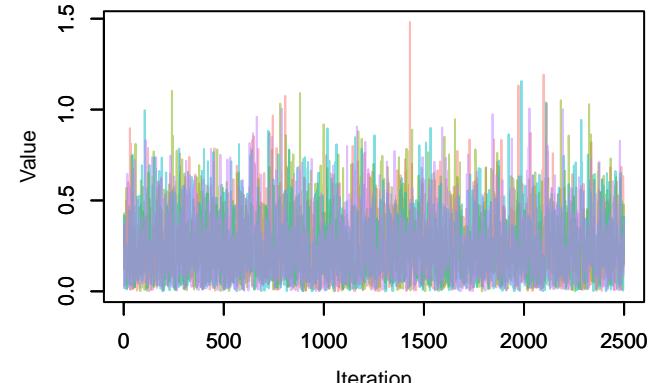
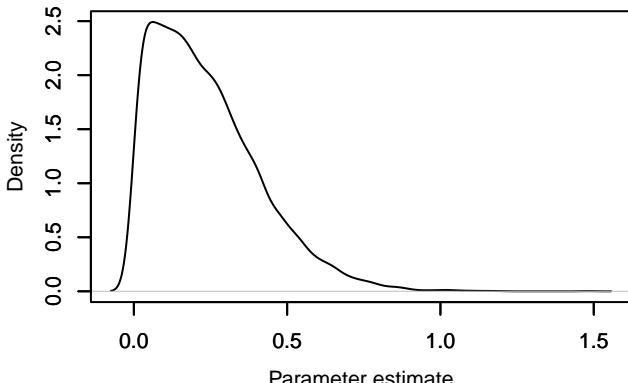
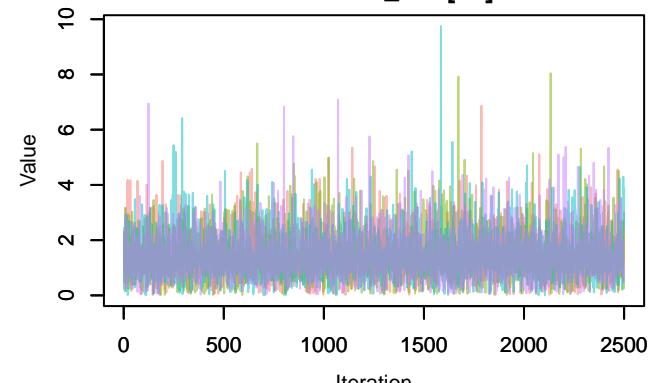
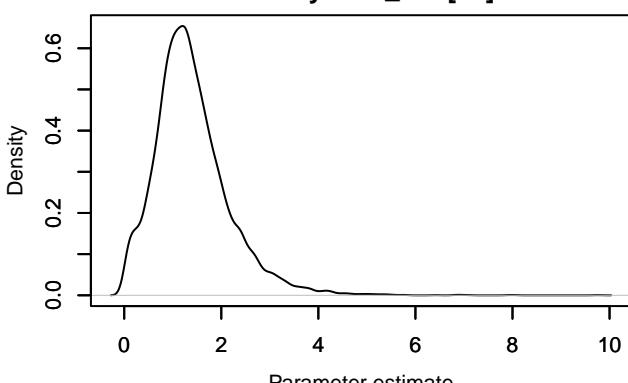
**Trace –  $sd\_obs[27]$** **Density –  $sd\_obs[27]$** **Trace –  $sd\_obs[28]$** **Density –  $sd\_obs[28]$** **Trace –  $sd\_obs[29]$** **Density –  $sd\_obs[29]$** 

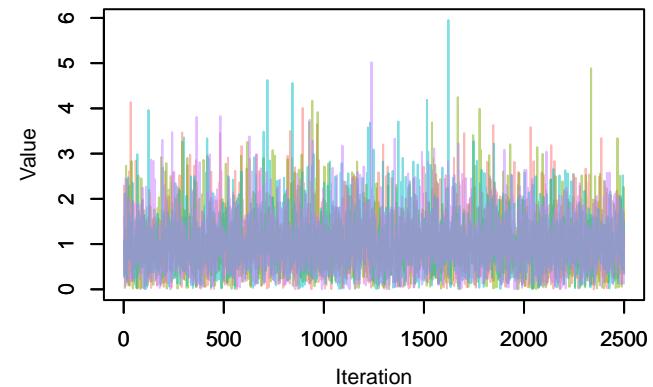
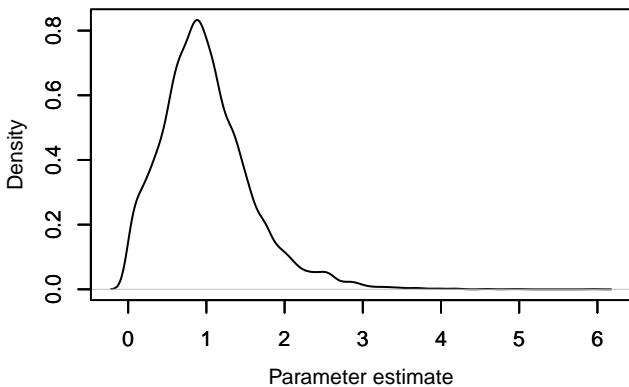
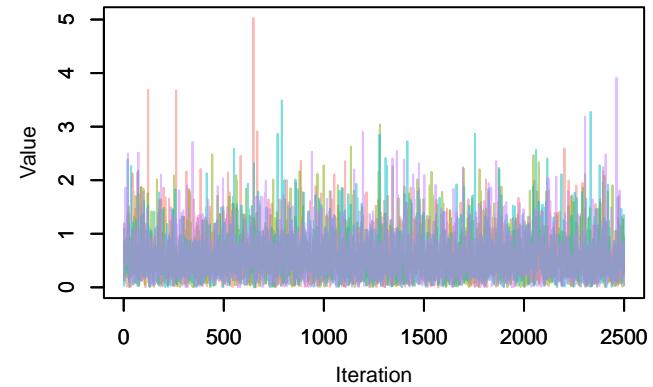
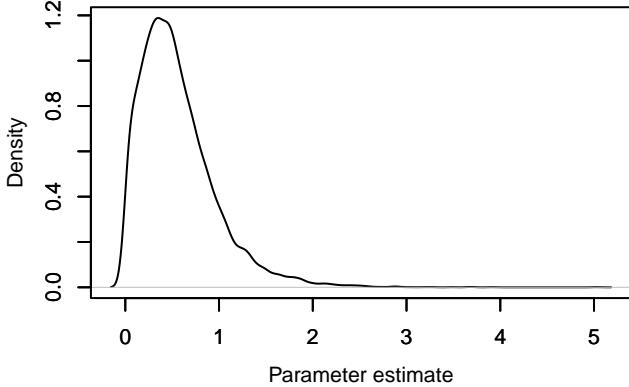
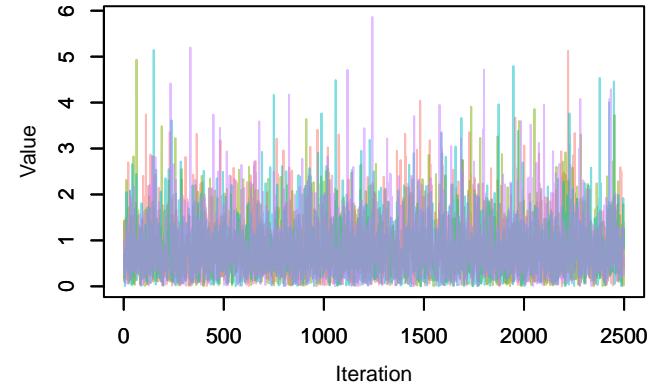
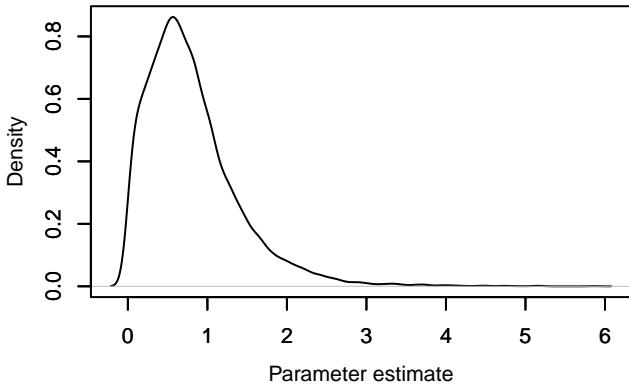
**Trace – sd\_obs[30]****Density – sd\_obs[30]****Trace – sd\_obs[31]****Density – sd\_obs[31]****Trace – sd\_obs[32]****Density – sd\_obs[32]**

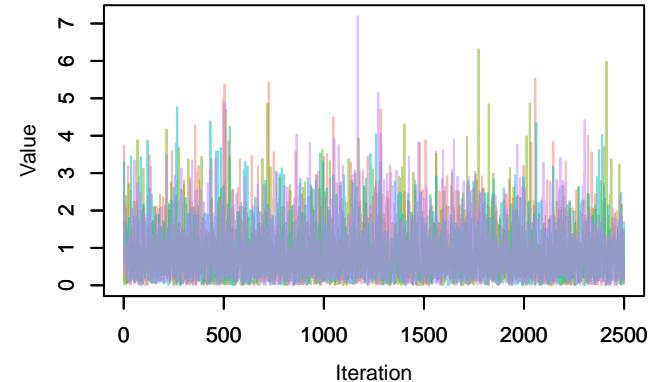
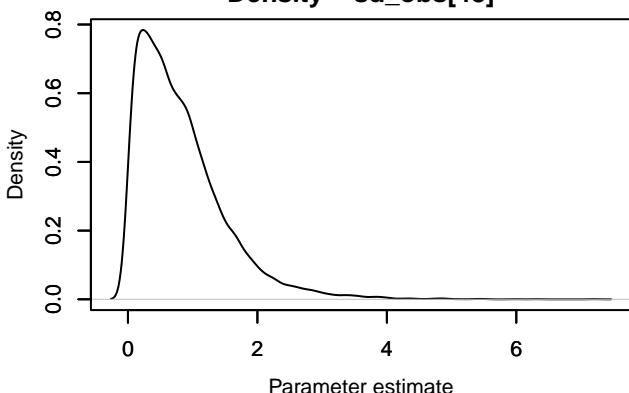
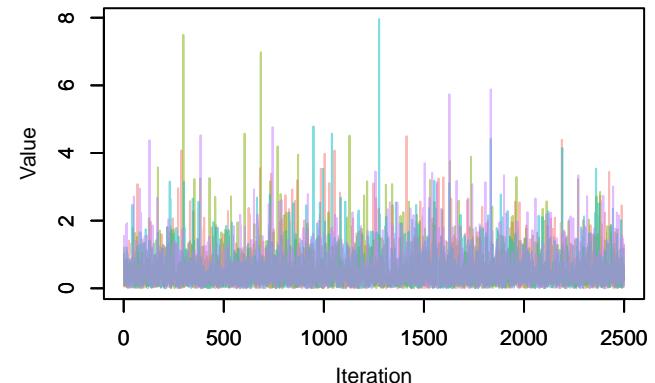
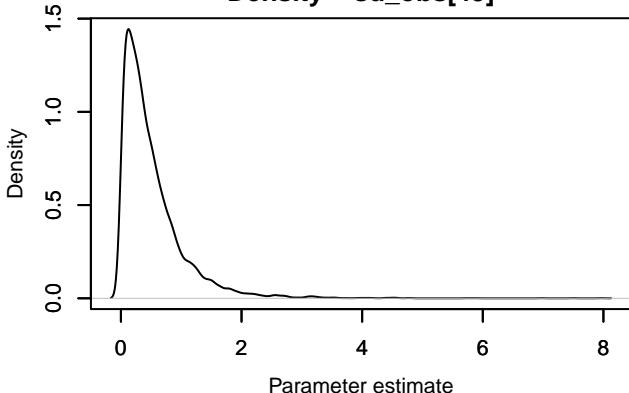
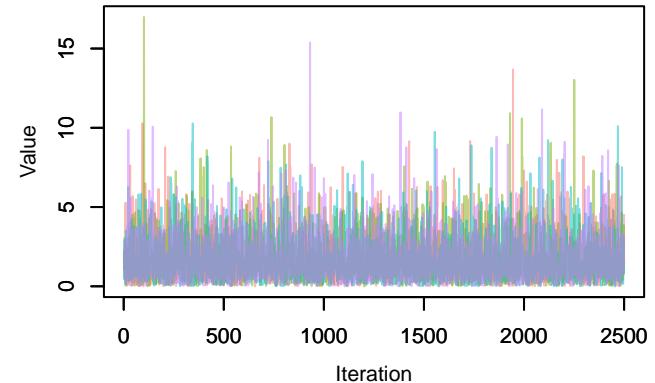
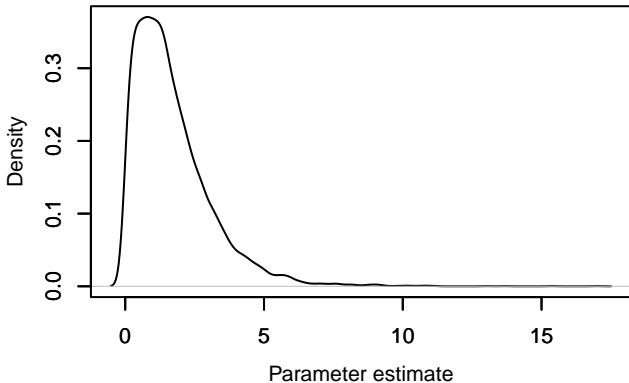
**Trace – sd\_obs[33]****Density – sd\_obs[33]****Trace – sd\_obs[34]****Density – sd\_obs[34]****Trace – sd\_obs[35]****Density – sd\_obs[35]**

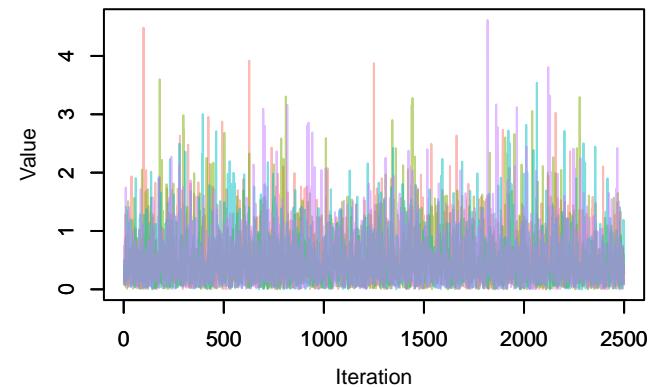
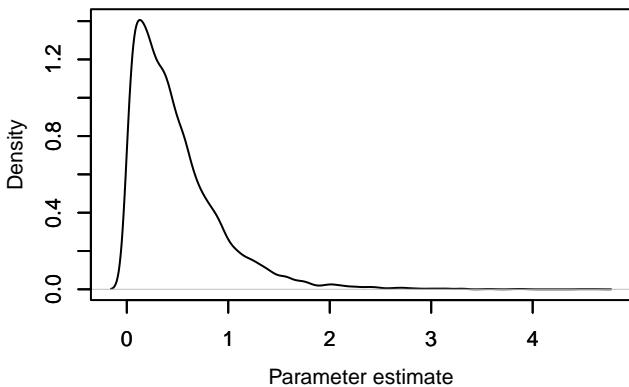
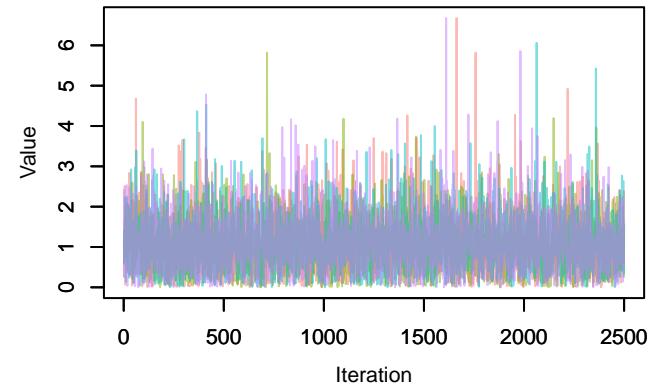
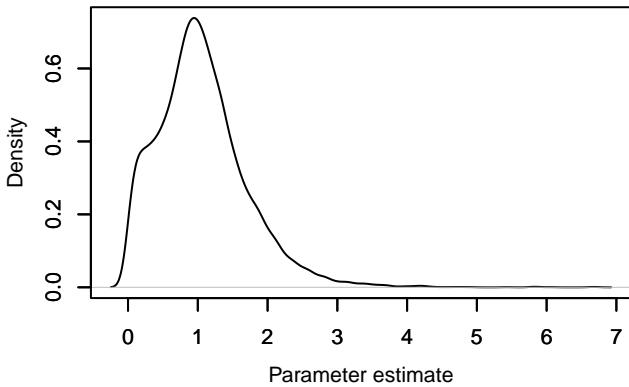
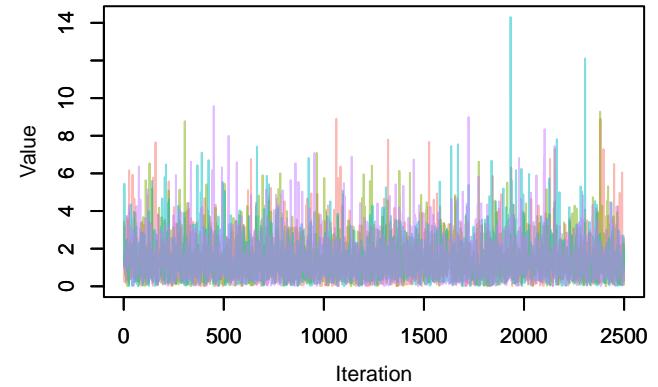
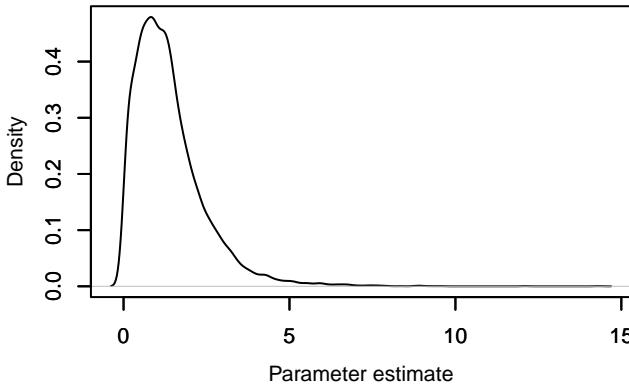
**Trace – sd\_obs[36]****Density – sd\_obs[36]****Trace – sd\_obs[37]****Density – sd\_obs[37]****Trace – sd\_obs[38]****Density – sd\_obs[38]**

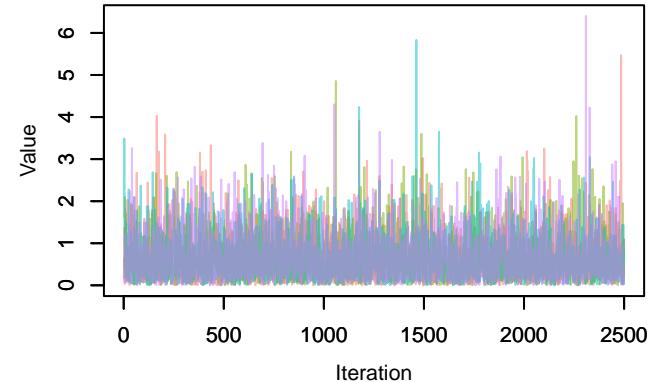
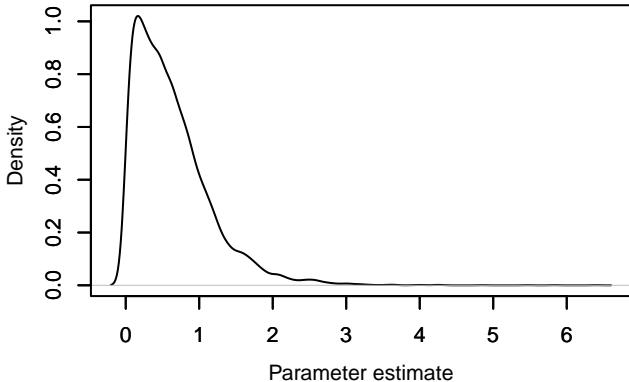
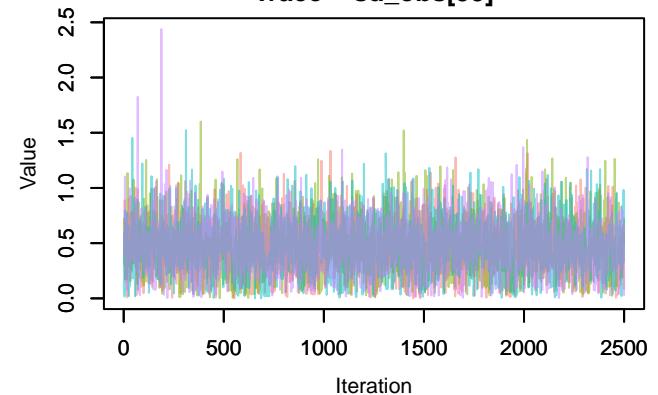
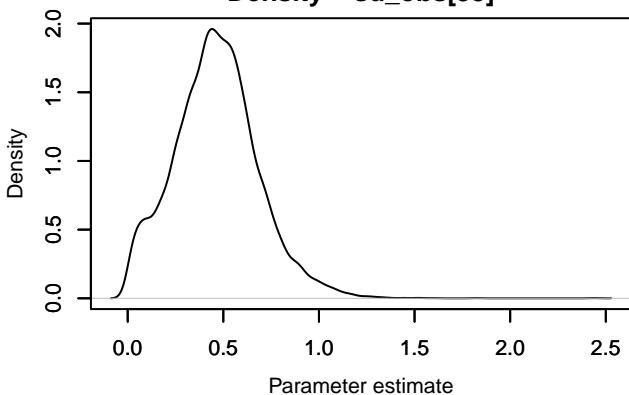
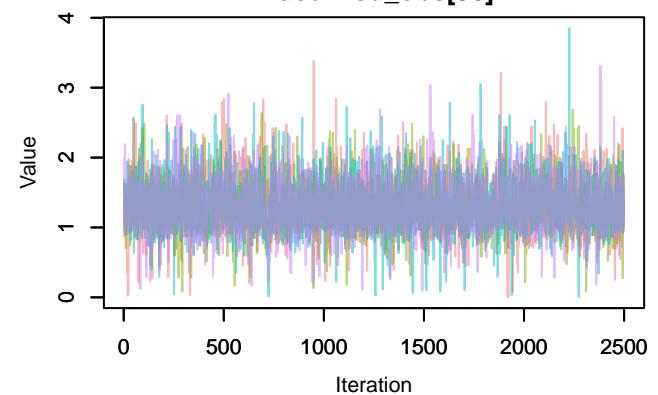
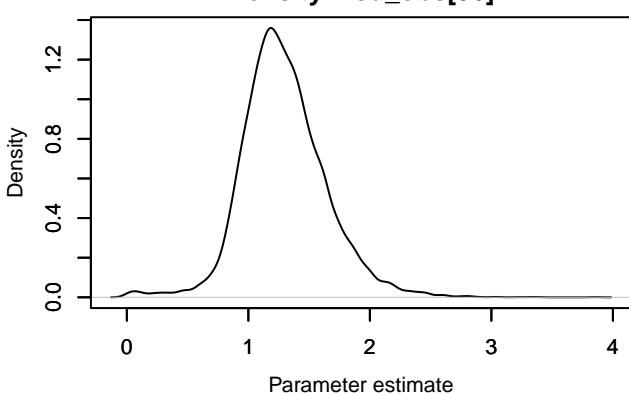
**Trace – sd\_obs[39]****Density – sd\_obs[39]****Trace – sd\_obs[40]****Density – sd\_obs[40]****Trace – sd\_obs[41]****Density – sd\_obs[41]**

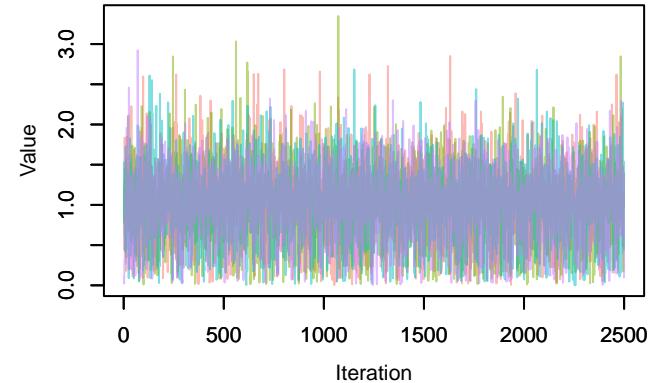
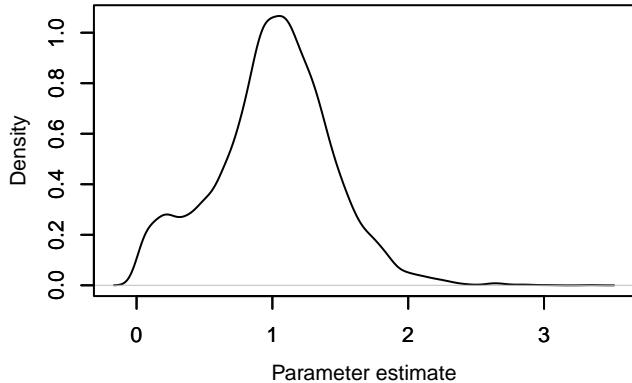
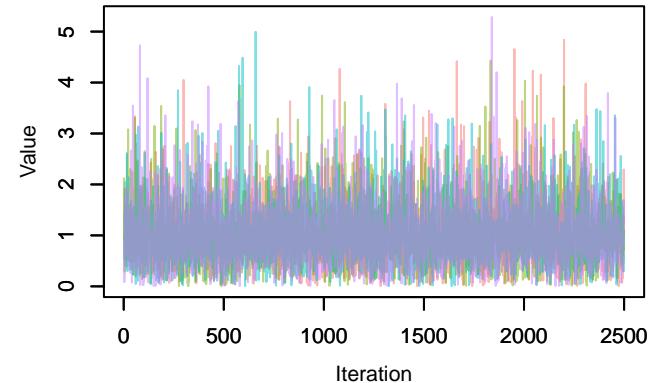
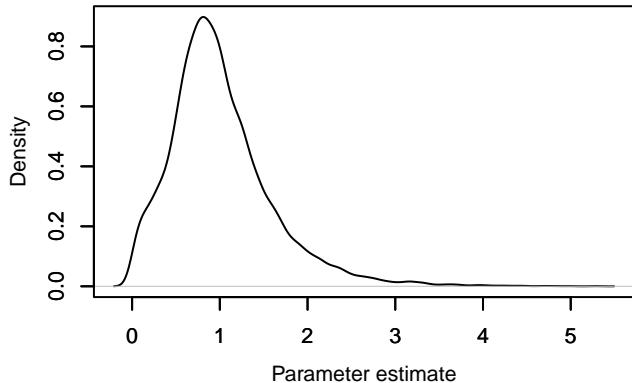
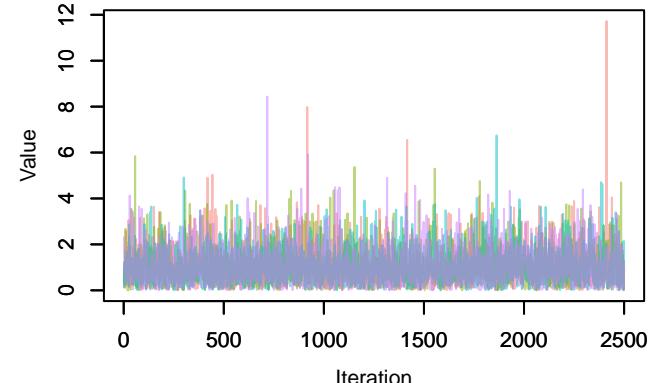
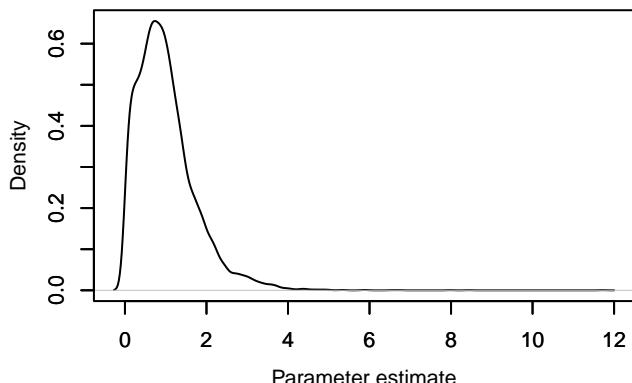
**Trace – sd\_obs[42]****Density – sd\_obs[42]****Trace – sd\_obs[43]****Density – sd\_obs[43]****Trace – sd\_obs[44]****Density – sd\_obs[44]**

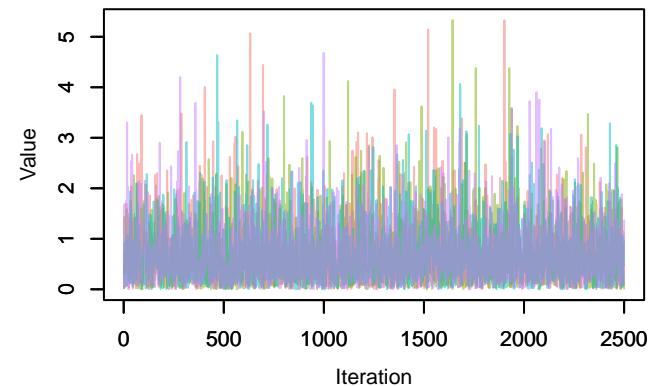
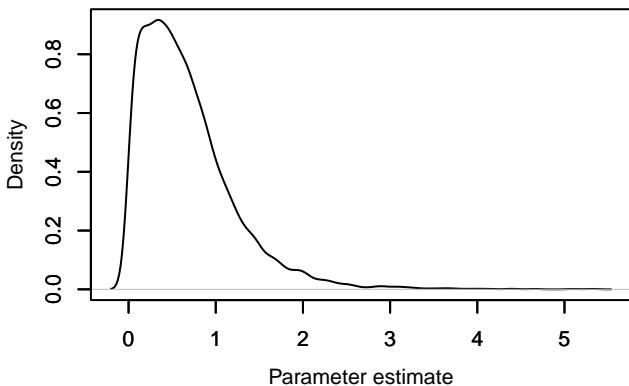
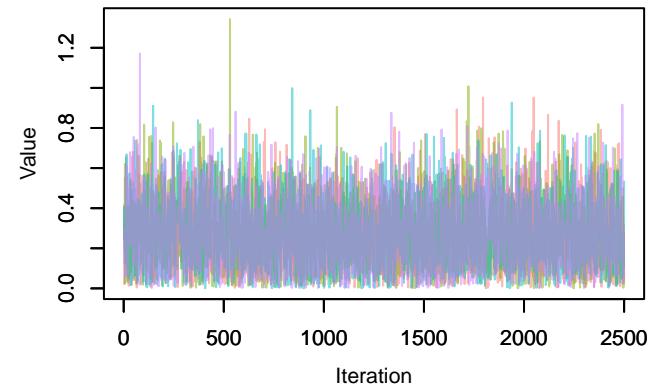
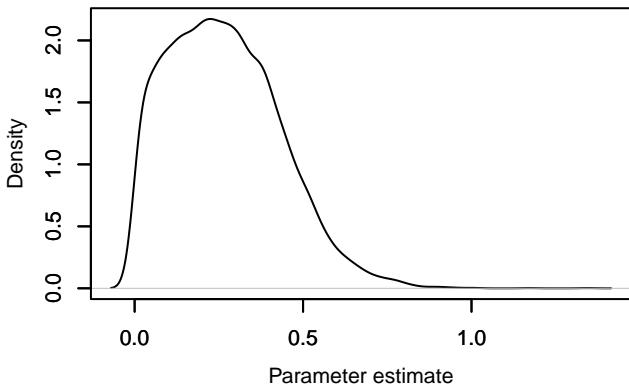
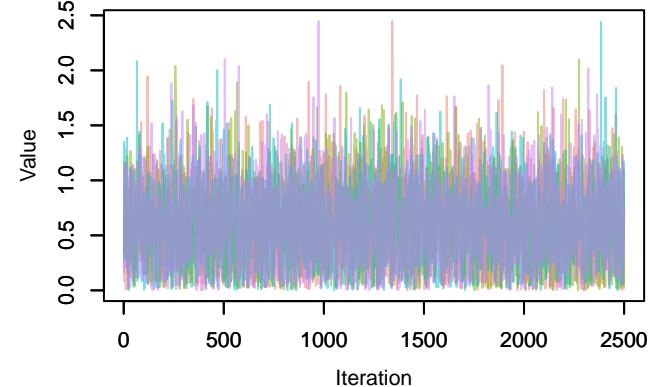
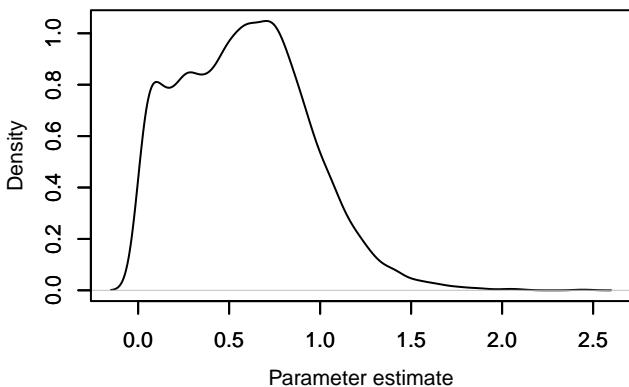
**Trace – sd\_obs[45]****Density – sd\_obs[45]****Trace – sd\_obs[46]****Density – sd\_obs[46]****Trace – sd\_obs[47]****Density – sd\_obs[47]**

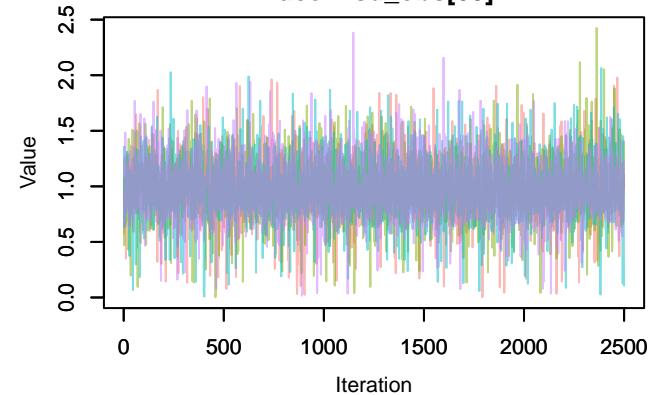
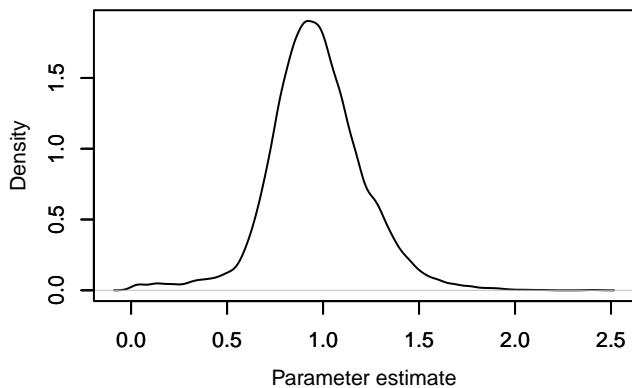
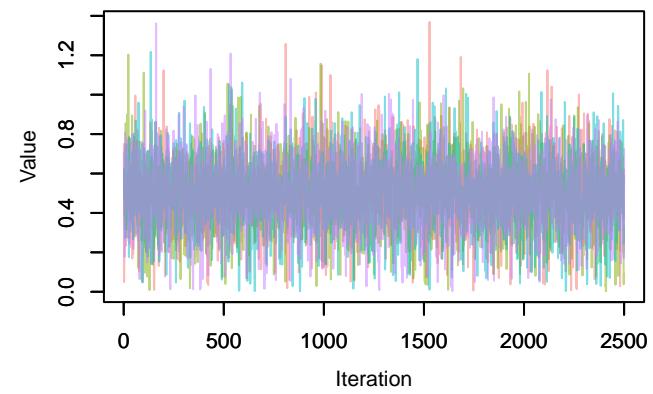
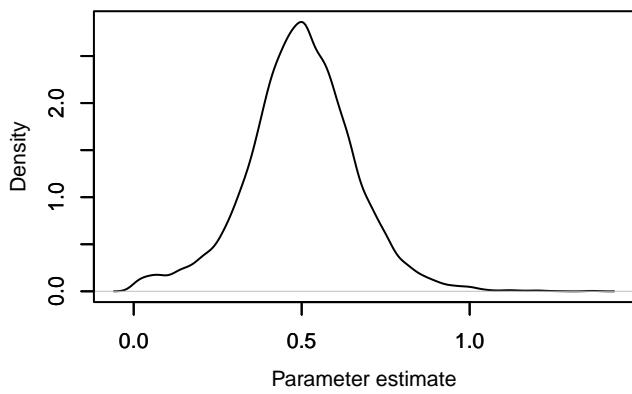
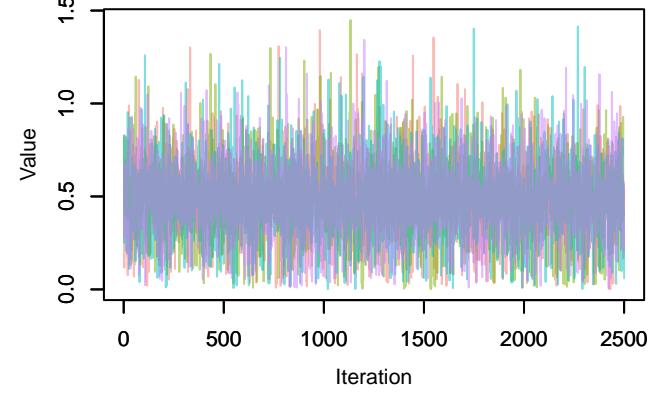
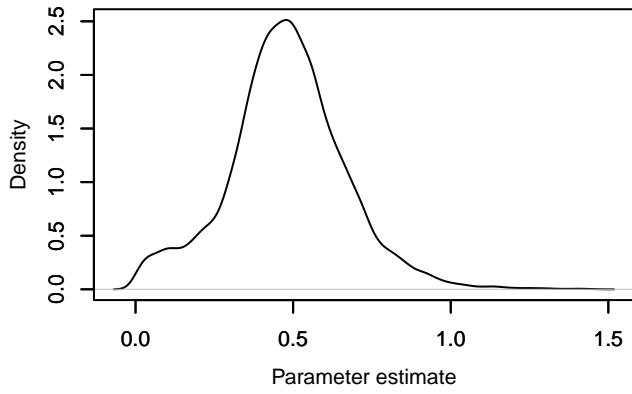
**Trace – sd\_obs[48]****Density – sd\_obs[48]****Trace – sd\_obs[49]****Density – sd\_obs[49]****Trace – sd\_obs[50]****Density – sd\_obs[50]**

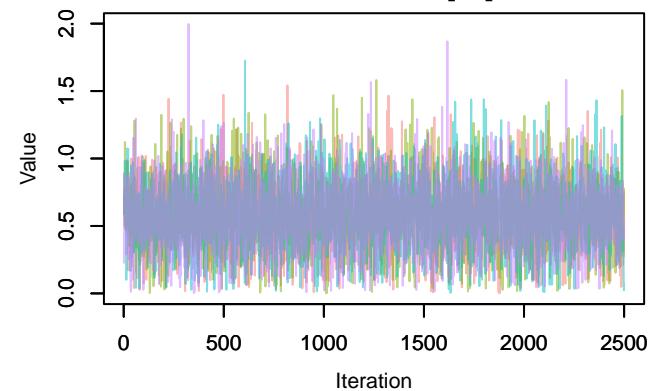
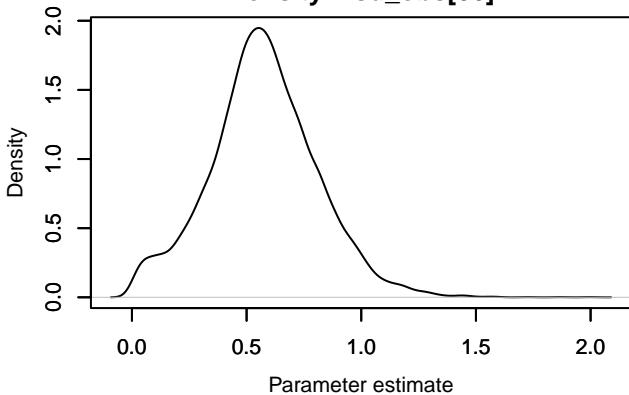
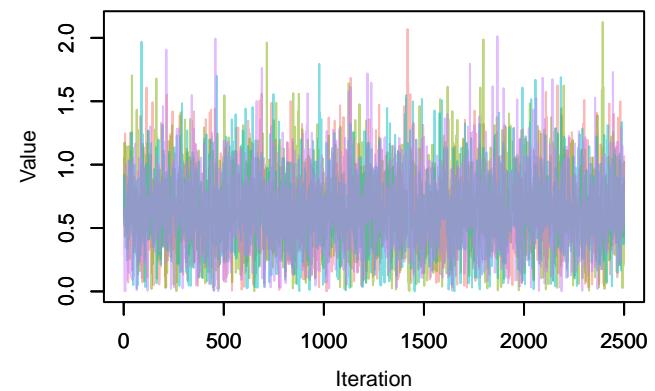
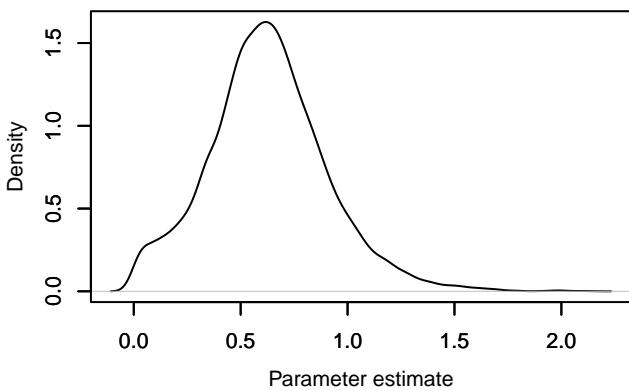
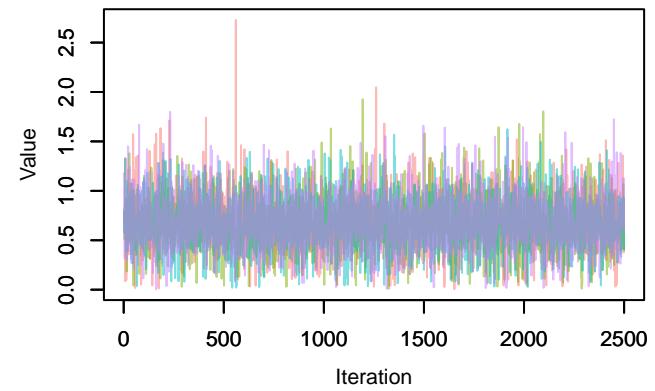
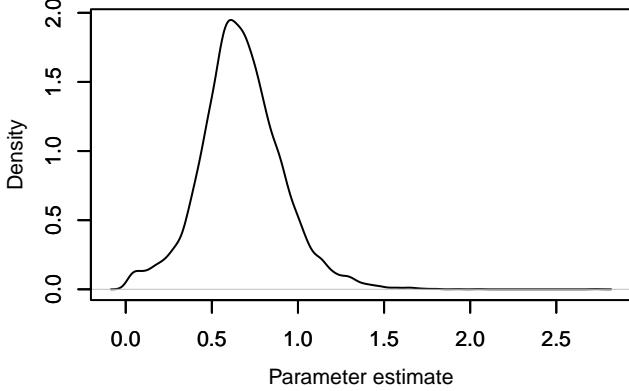
**Trace –  $sd\_obs[51]$** **Density –  $sd\_obs[51]$** **Trace –  $sd\_obs[52]$** **Density –  $sd\_obs[52]$** **Trace –  $sd\_obs[53]$** **Density –  $sd\_obs[53]$** 

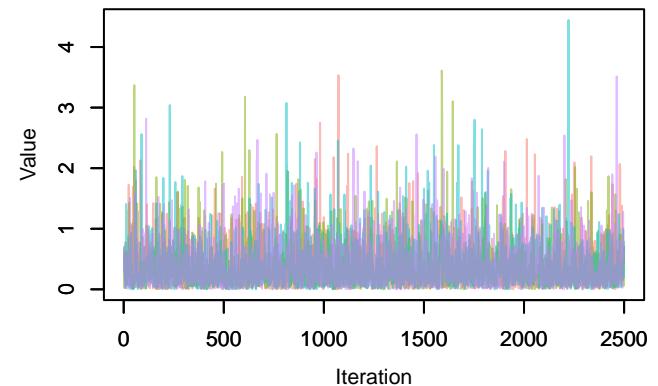
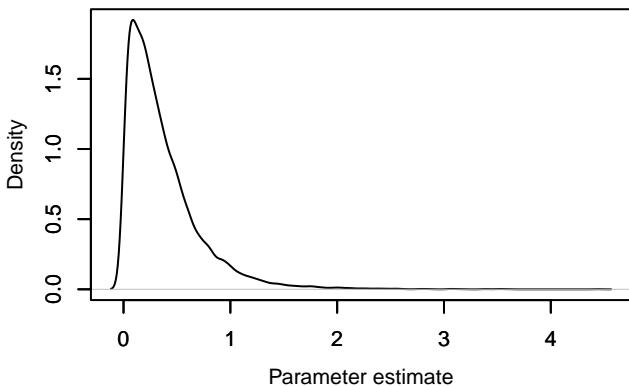
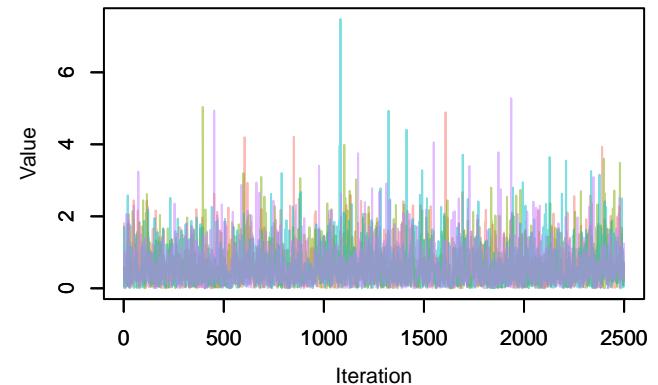
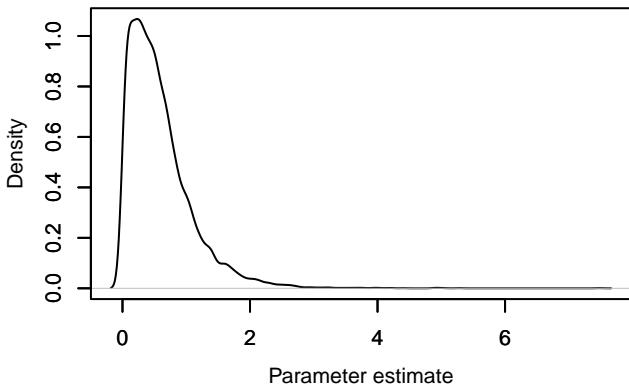
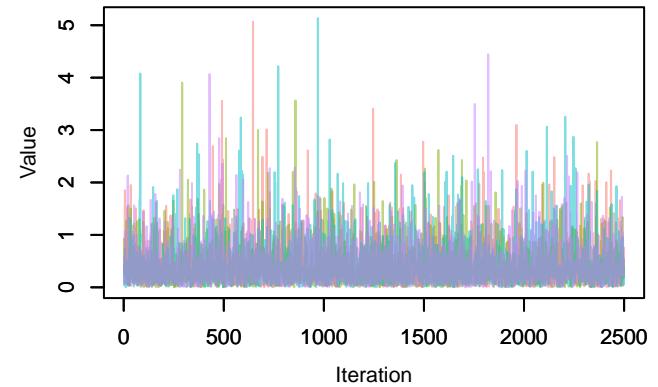
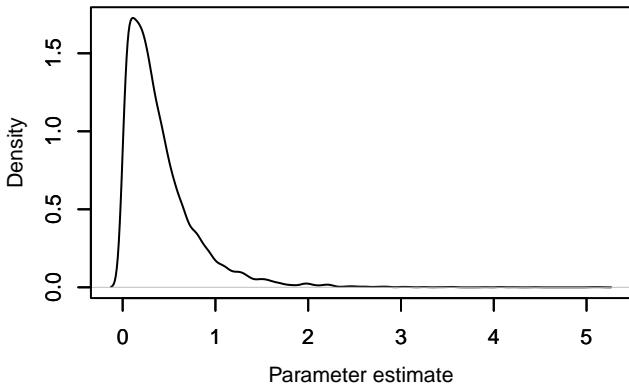
**Trace –  $sd\_obs[54]$** **Density –  $sd\_obs[54]$** **Trace –  $sd\_obs[55]$** **Density –  $sd\_obs[55]$** **Trace –  $sd\_obs[56]$** **Density –  $sd\_obs[56]$** 

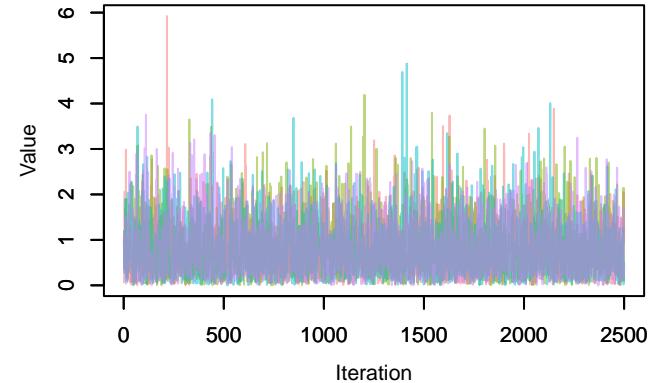
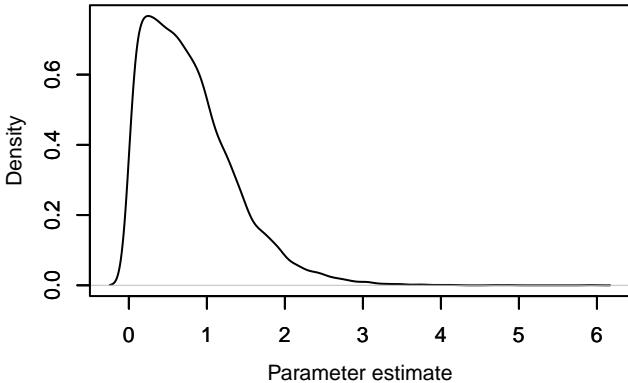
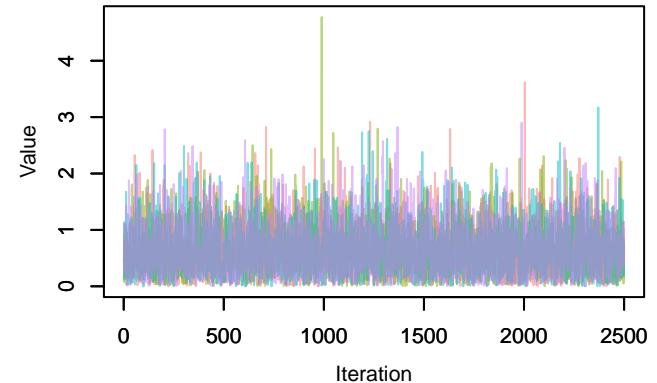
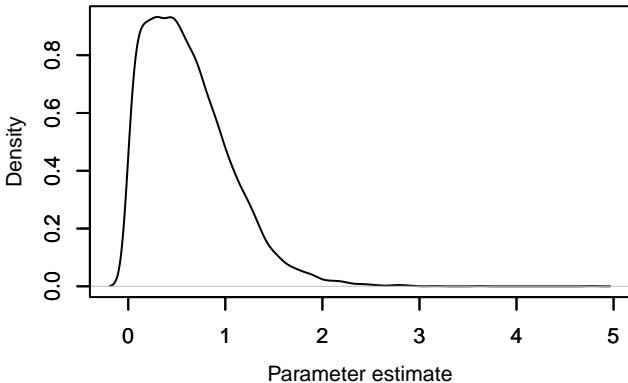
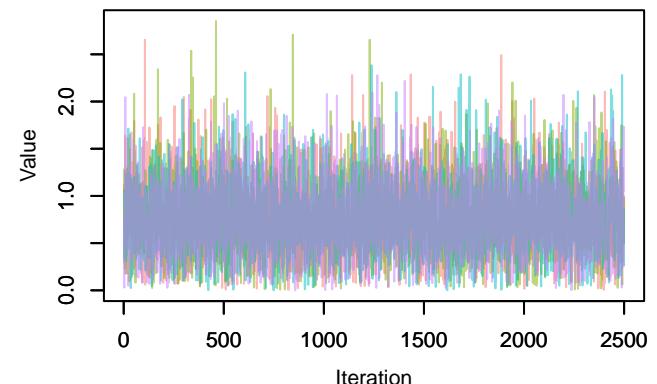
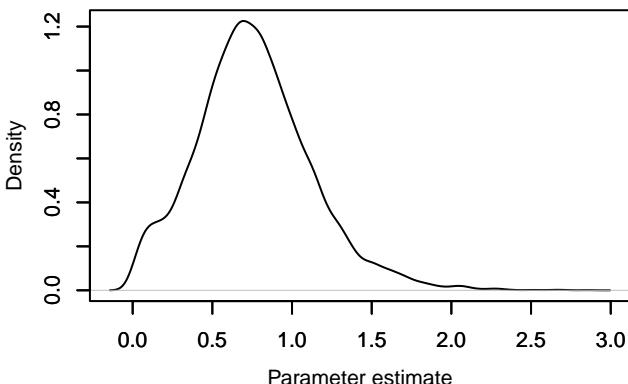
**Trace –  $sd\_obs[57]$** **Density –  $sd\_obs[57]$** **Trace –  $sd\_obs[58]$** **Density –  $sd\_obs[58]$** **Trace –  $sd\_obs[59]$** **Density –  $sd\_obs[59]$** 

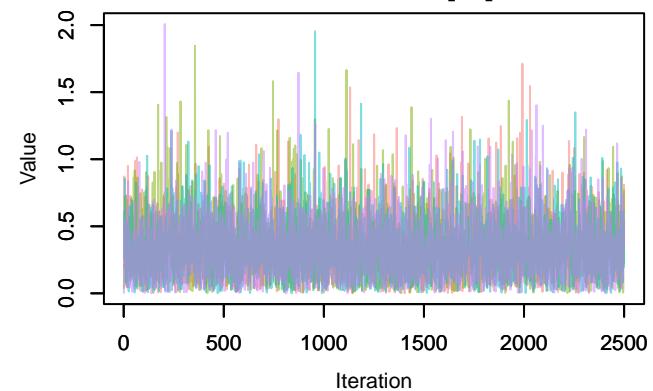
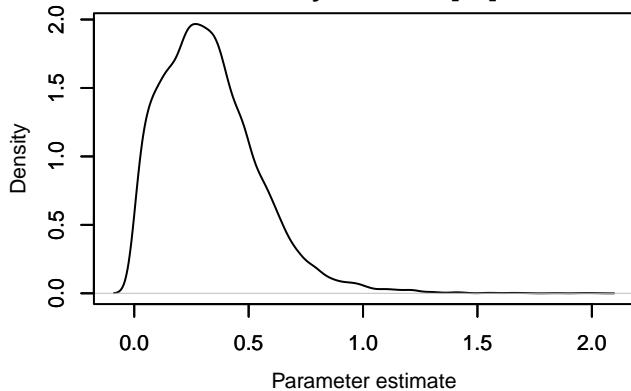
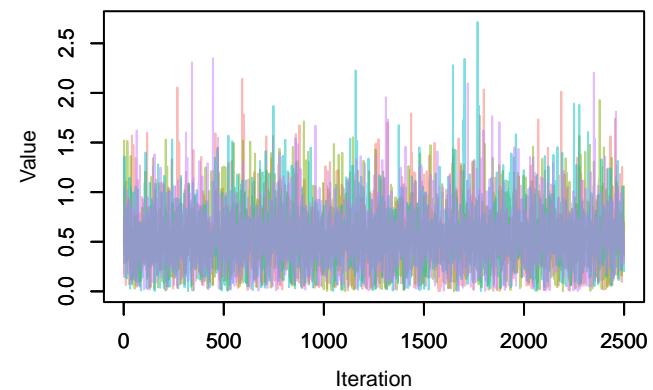
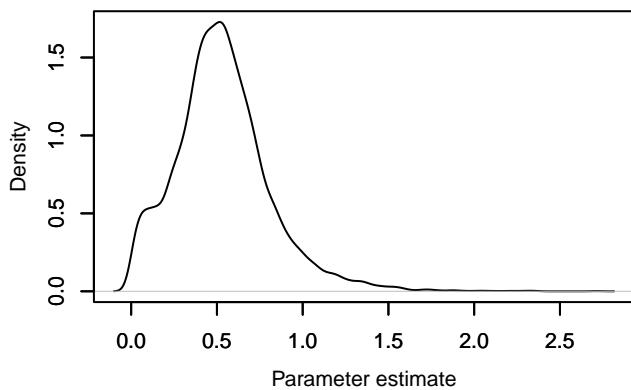
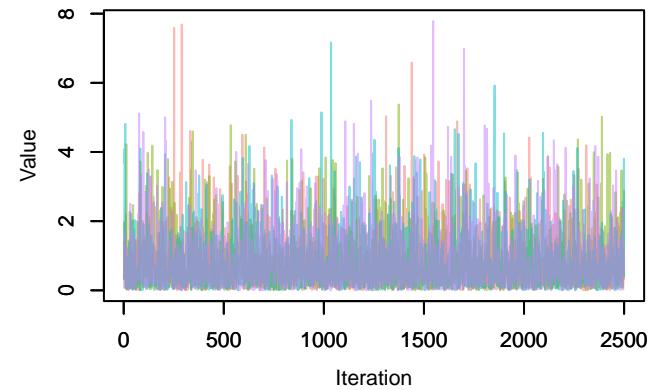
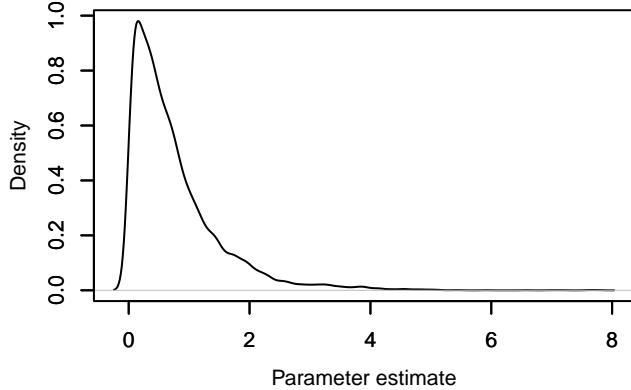
**Trace – sd\_obs[60]****Density – sd\_obs[60]****Trace – sd\_obs[61]****Density – sd\_obs[61]****Trace – sd\_obs[62]****Density – sd\_obs[62]**

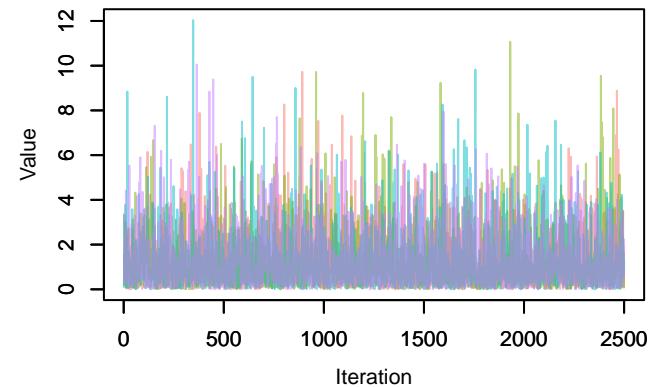
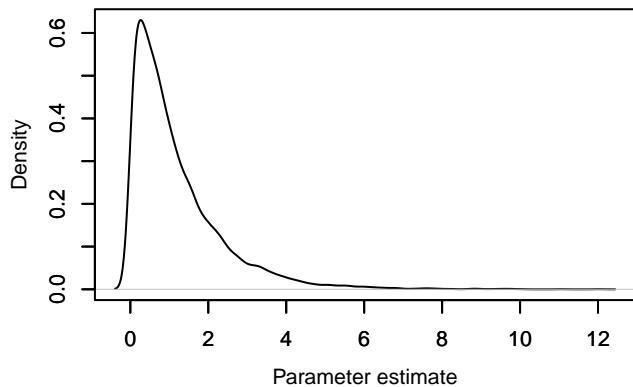
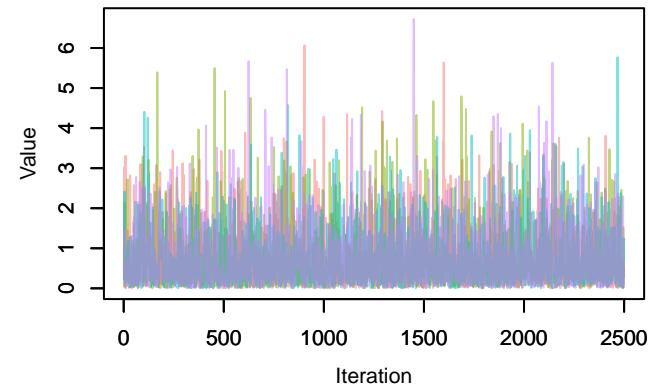
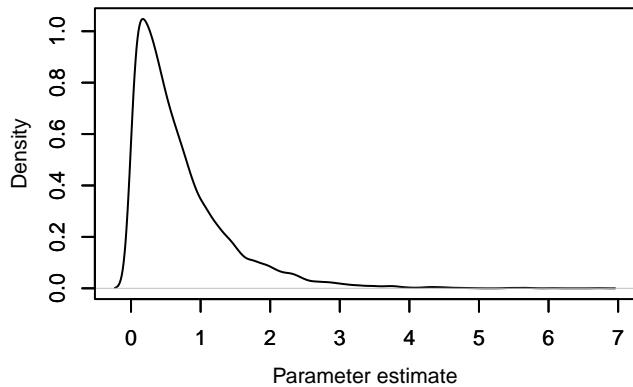
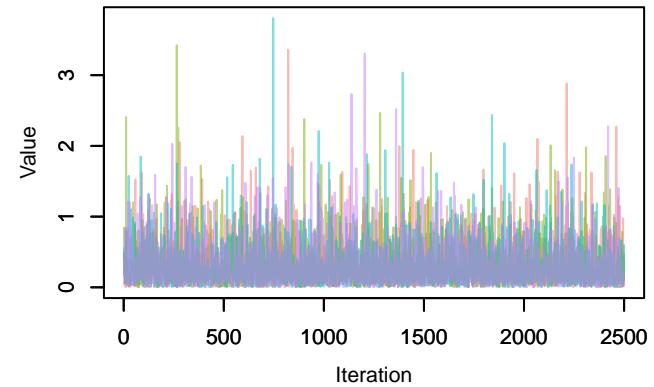
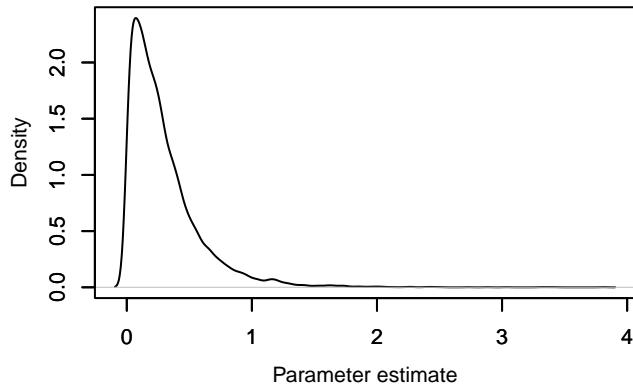
**Trace – sd\_obs[63]****Density – sd\_obs[63]****Trace – sd\_obs[64]****Density – sd\_obs[64]****Trace – sd\_obs[65]****Density – sd\_obs[65]**

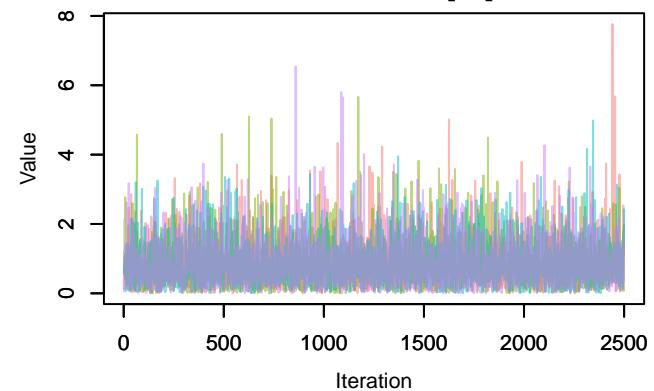
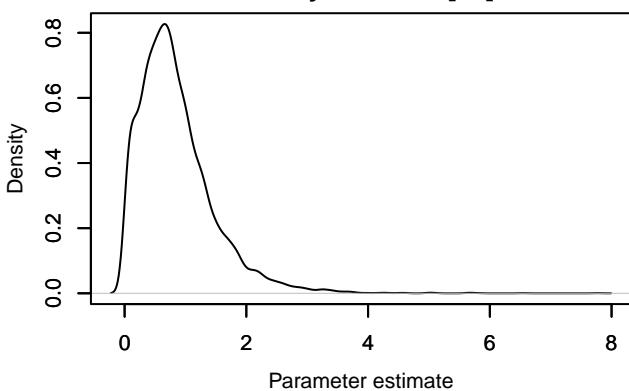
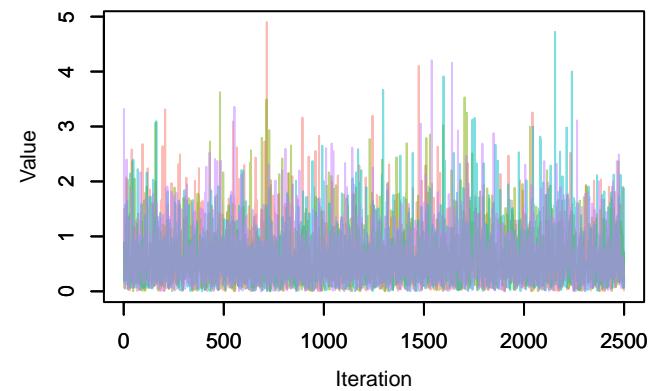
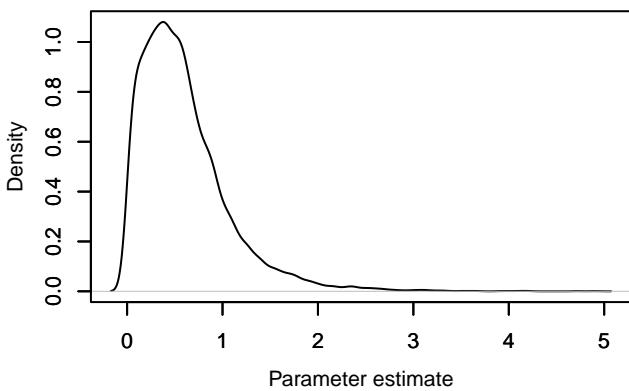
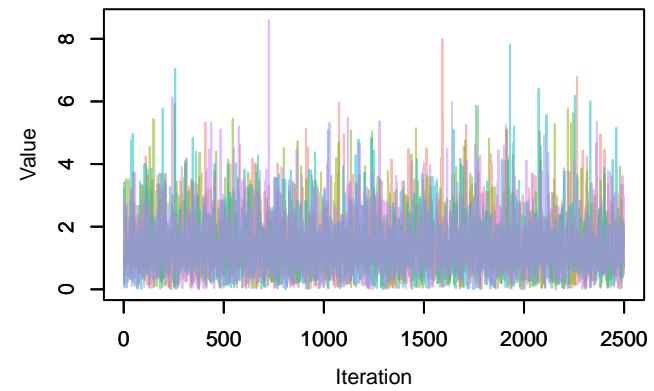
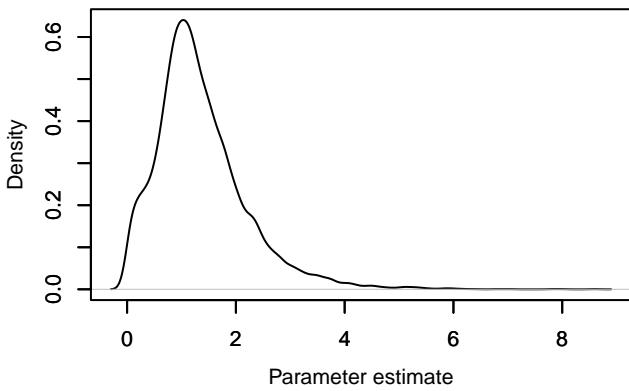
**Trace –  $sd\_obs[66]$** **Density –  $sd\_obs[66]$** **Trace –  $sd\_obs[67]$** **Density –  $sd\_obs[67]$** **Trace –  $sd\_obs[68]$** **Density –  $sd\_obs[68]$** 

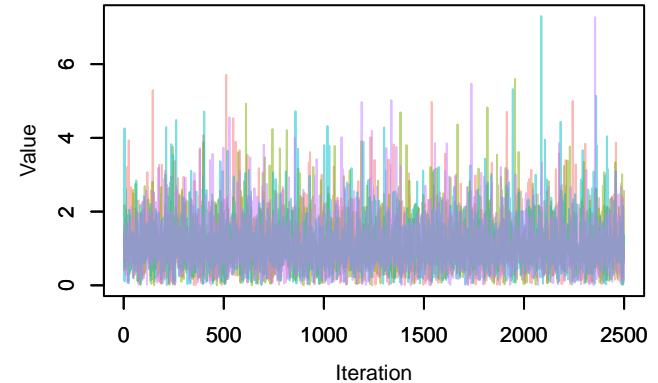
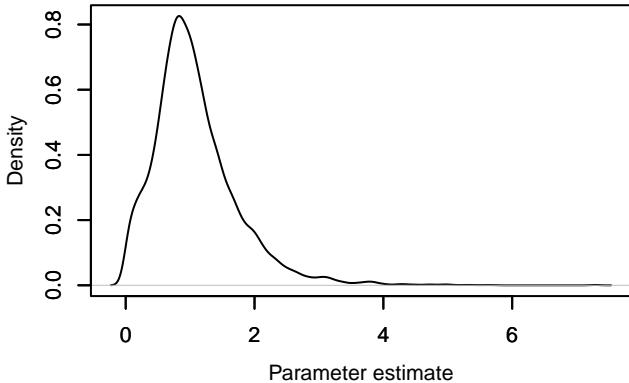
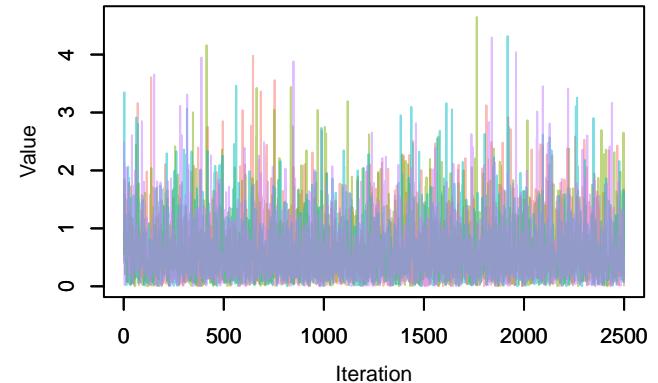
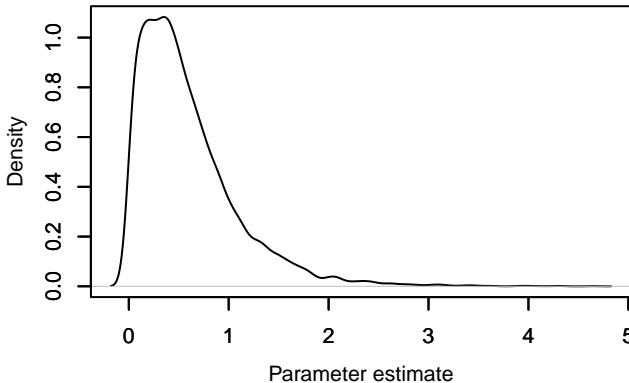
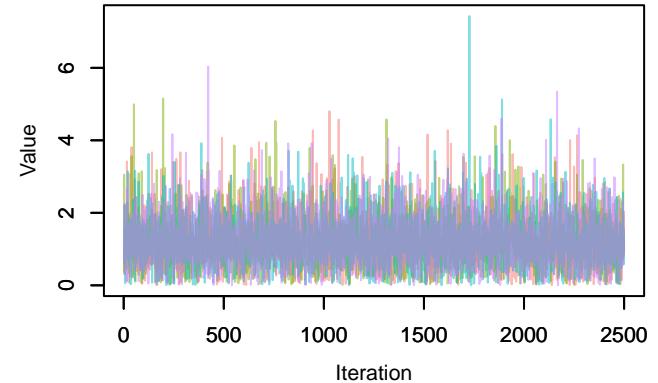
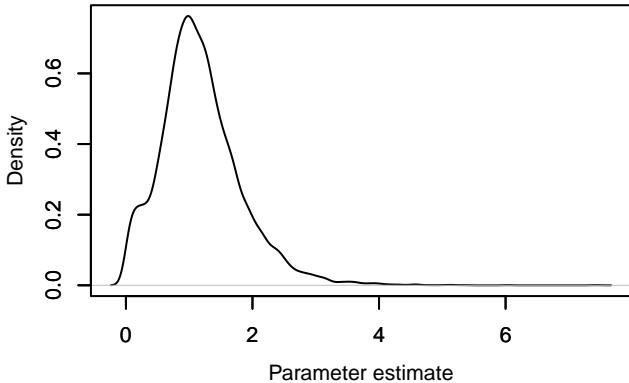
**Trace – sd\_obs[69]****Density – sd\_obs[69]****Trace – sd\_obs[70]****Density – sd\_obs[70]****Trace – sd\_obs[71]****Density – sd\_obs[71]**

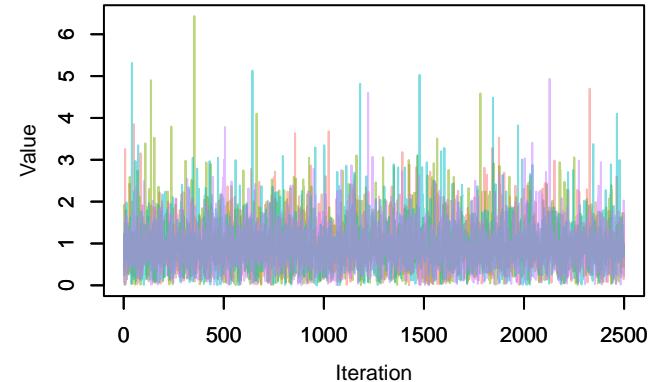
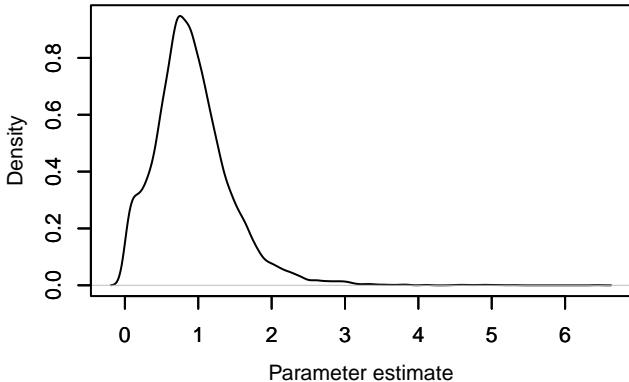
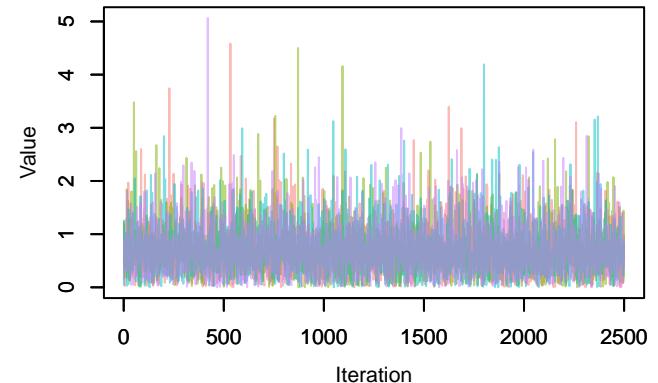
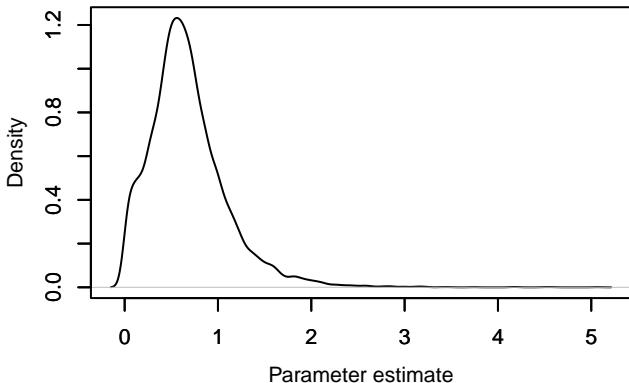
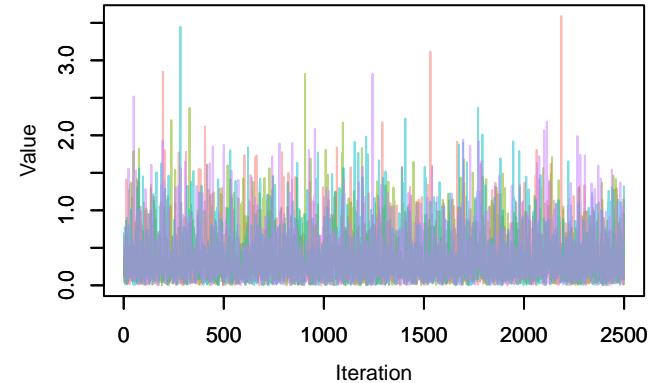
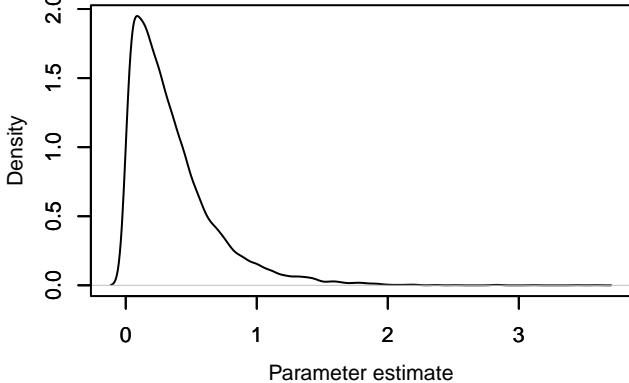
**Trace –  $sd\_obs[72]$** **Density –  $sd\_obs[72]$** **Trace –  $sd\_obs[73]$** **Density –  $sd\_obs[73]$** **Trace –  $sd\_obs[74]$** **Density –  $sd\_obs[74]$** 

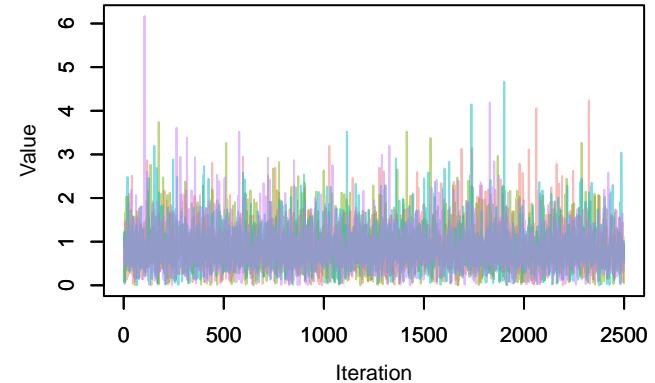
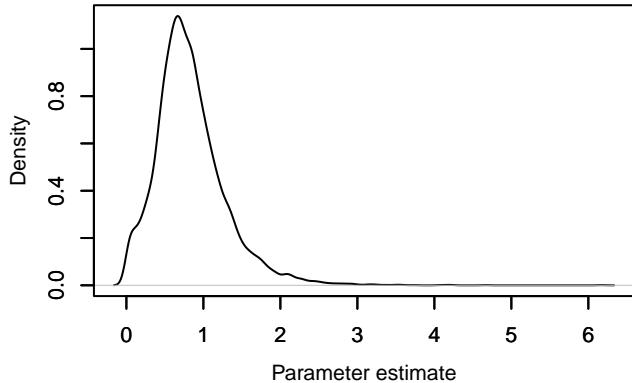
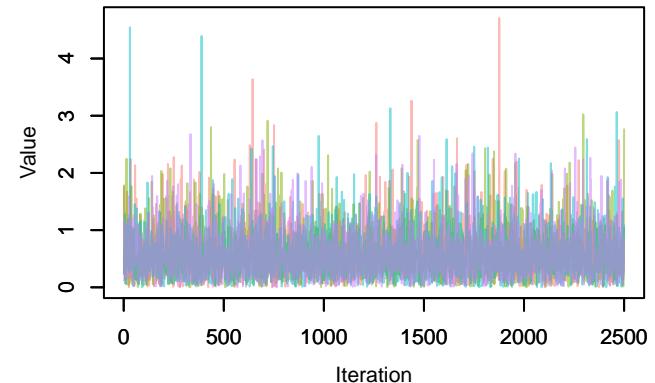
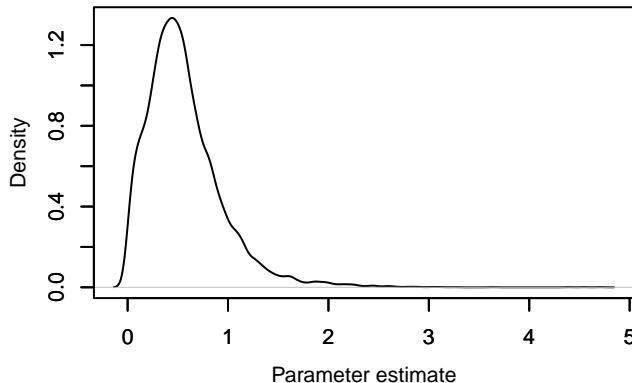
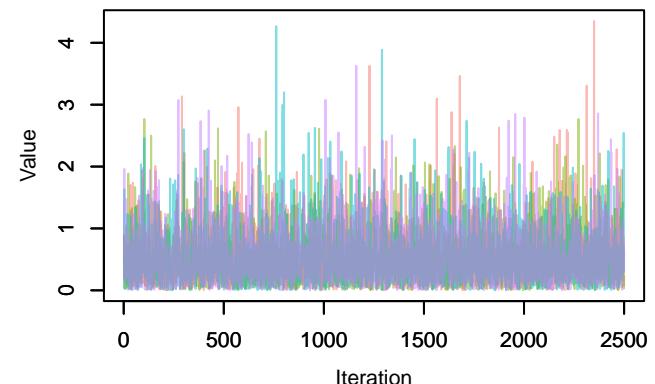
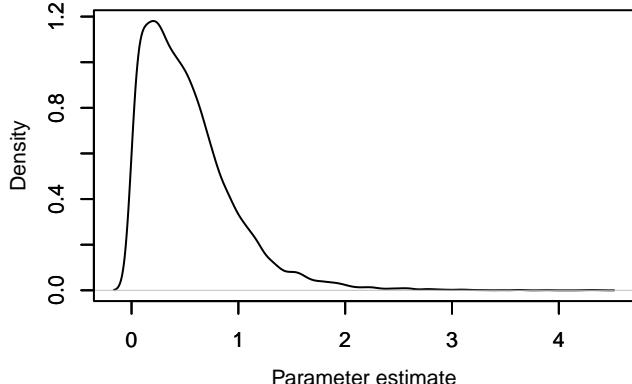
**Trace –  $sd\_obs[75]$** **Density –  $sd\_obs[75]$** **Trace –  $sd\_obs[76]$** **Density –  $sd\_obs[76]$** **Trace –  $sd\_obs[77]$** **Density –  $sd\_obs[77]$** 

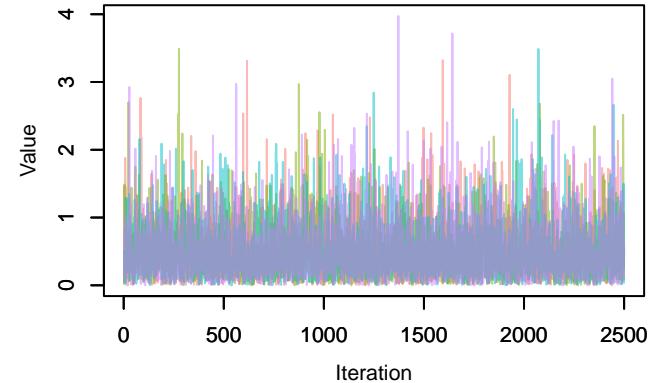
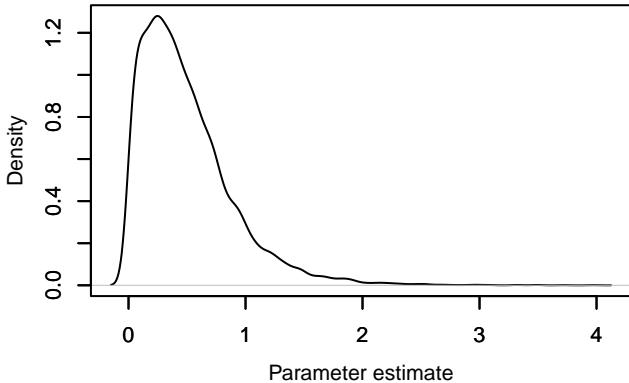
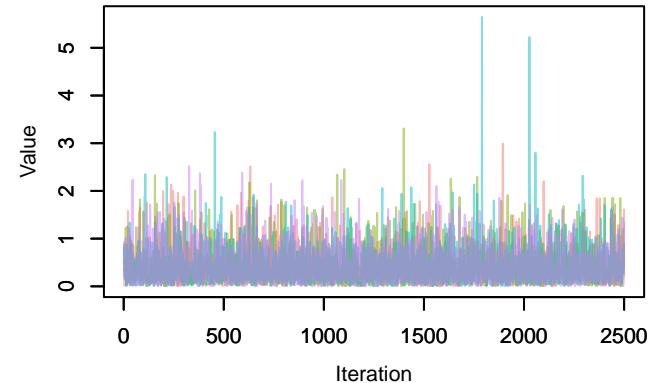
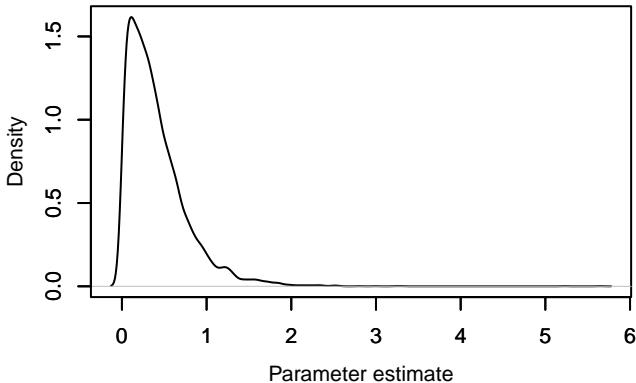
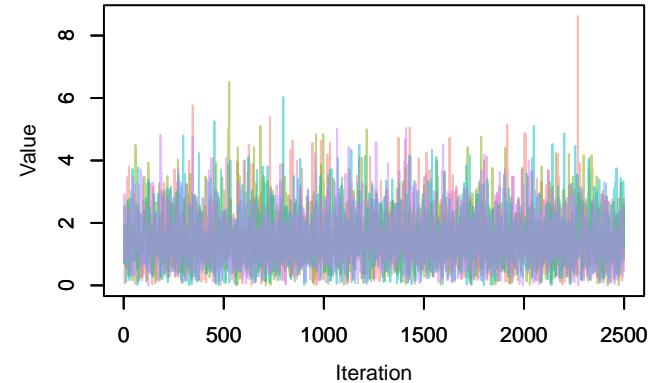
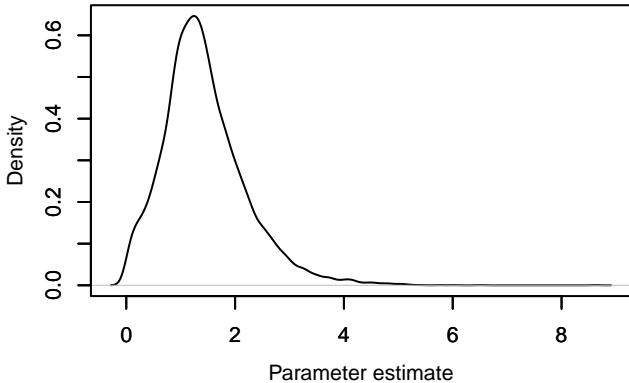
**Trace –  $sd\_obs[78]$** **Density –  $sd\_obs[78]$** **Trace –  $sd\_obs[79]$** **Density –  $sd\_obs[79]$** **Trace –  $sd\_obs[80]$** **Density –  $sd\_obs[80]$** 

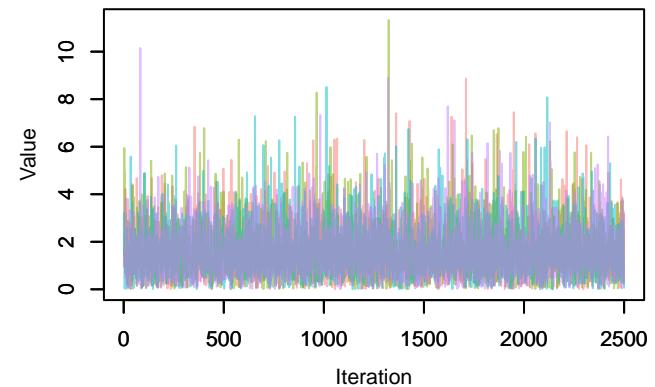
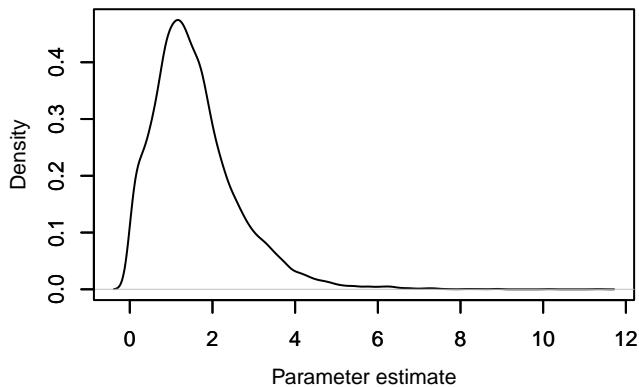
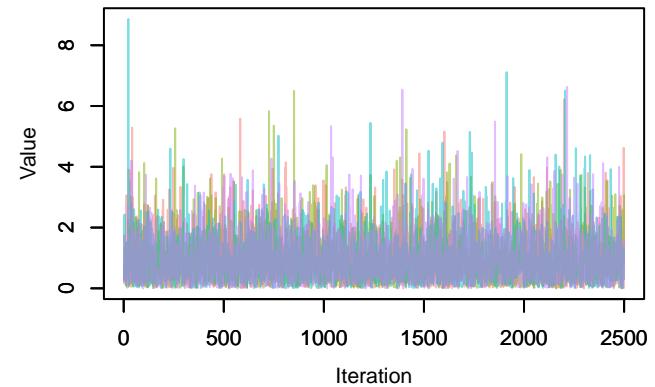
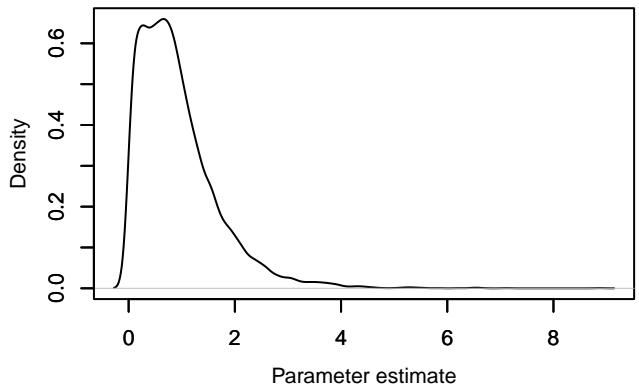
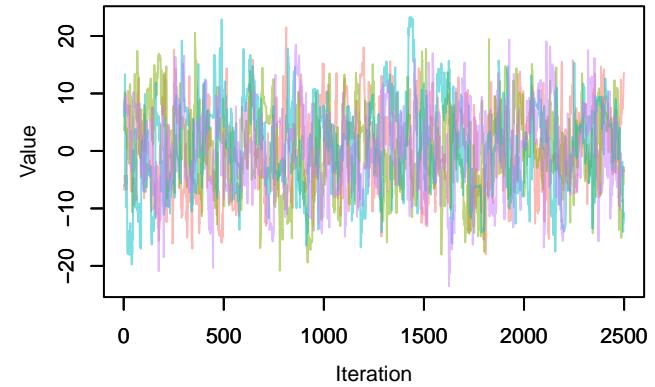
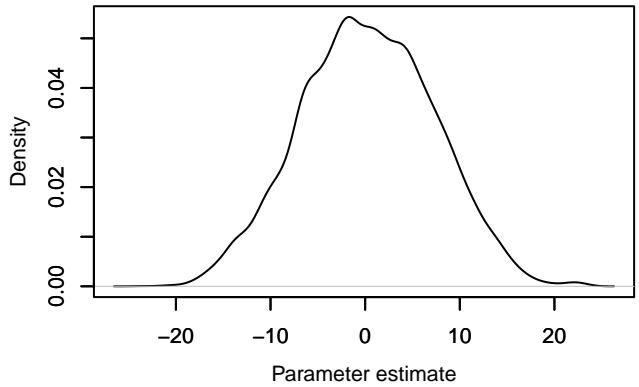
**Trace – sd\_obs[81]****Density – sd\_obs[81]****Trace – sd\_obs[82]****Density – sd\_obs[82]****Trace – sd\_obs[83]****Density – sd\_obs[83]**

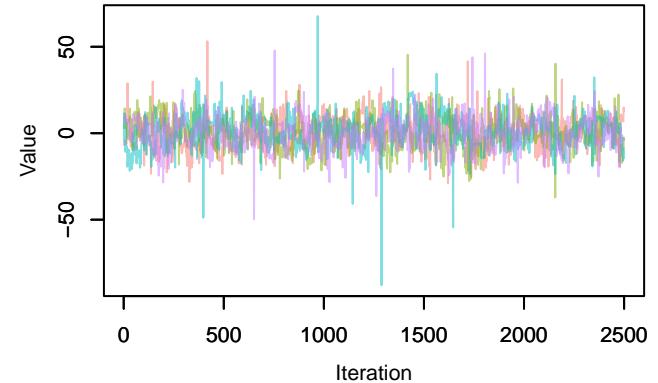
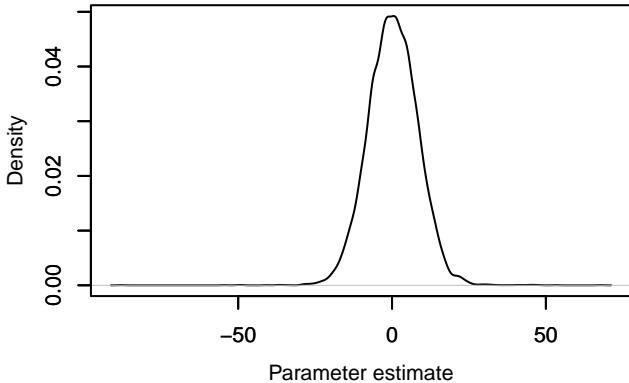
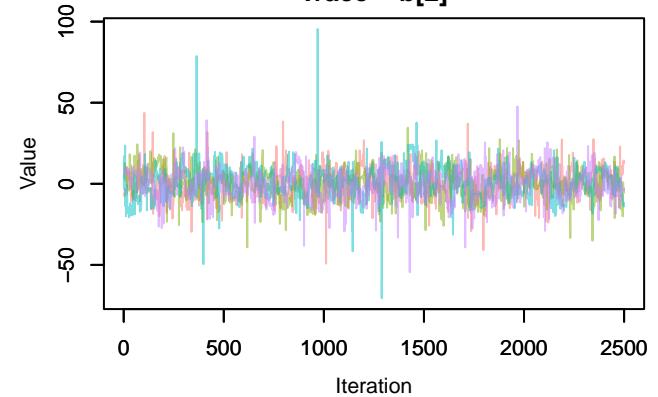
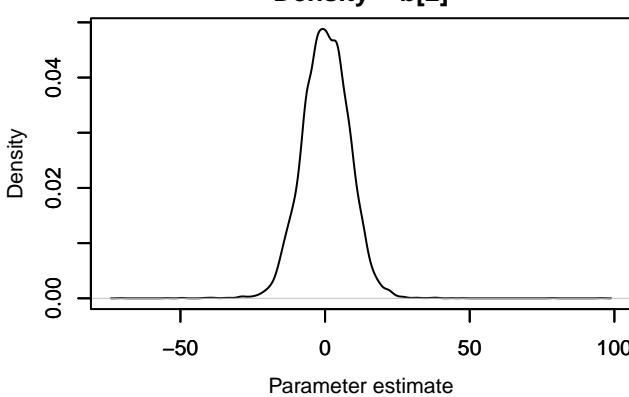
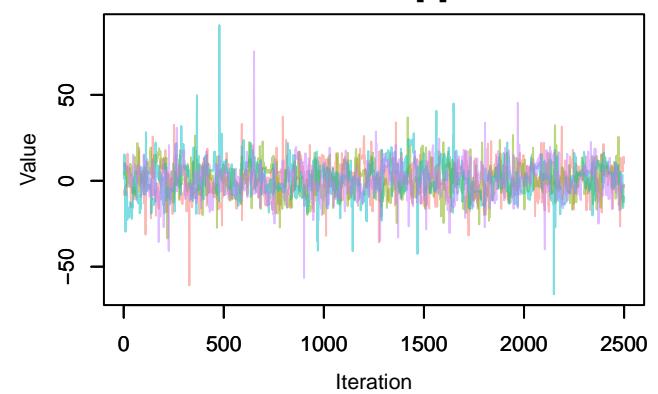
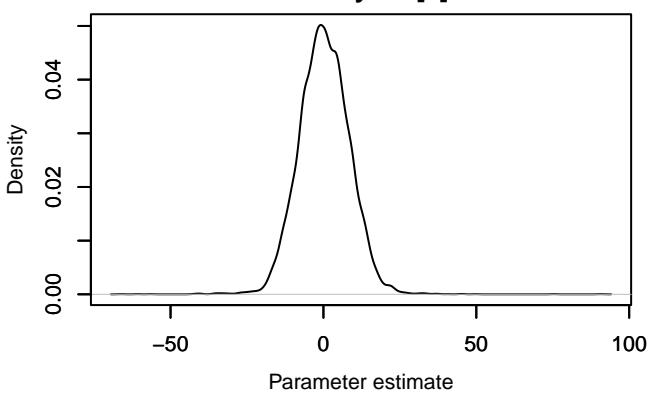
**Trace – sd\_obs[84]****Density – sd\_obs[84]****Trace – sd\_obs[85]****Density – sd\_obs[85]****Trace – sd\_obs[86]****Density – sd\_obs[86]**

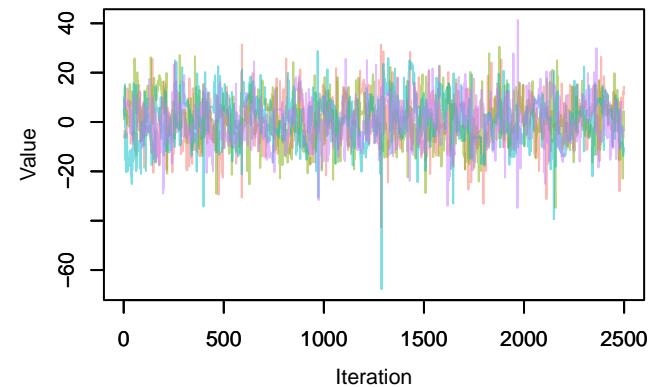
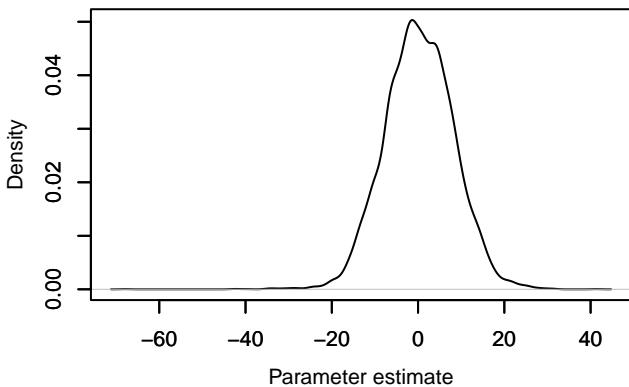
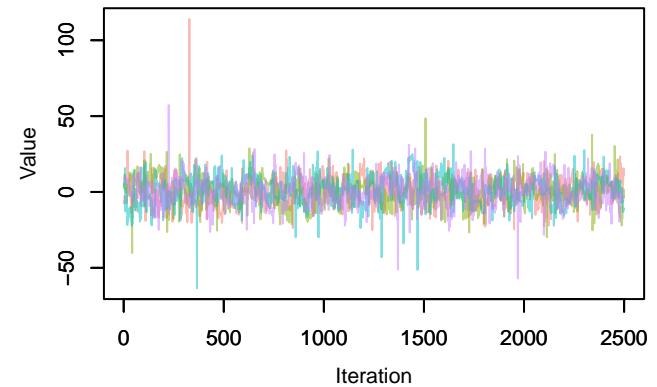
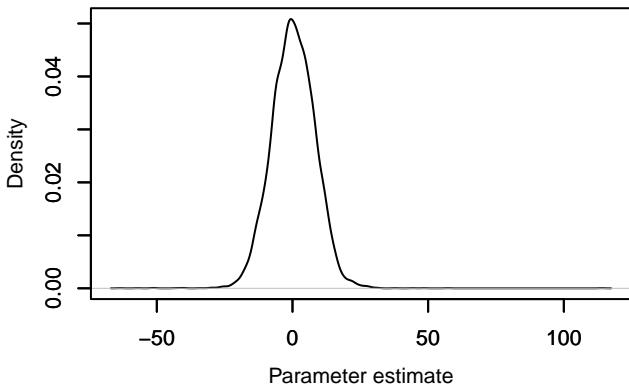
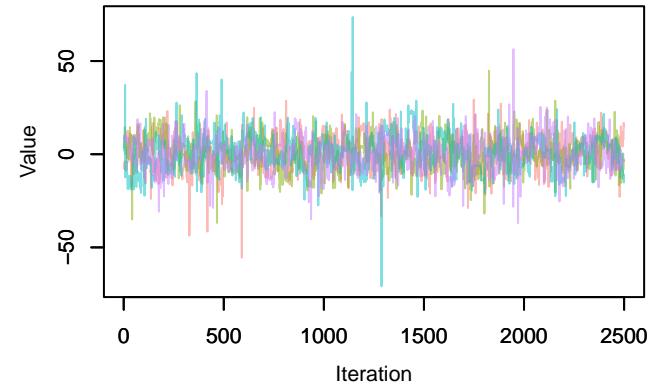
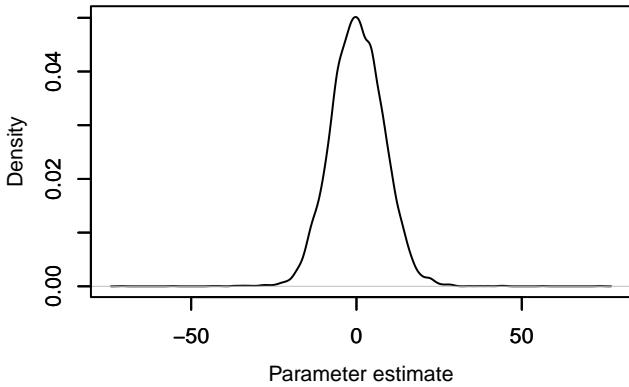
**Trace – sd\_obs[87]****Density – sd\_obs[87]****Trace – sd\_obs[88]****Density – sd\_obs[88]****Trace – sd\_obs[89]****Density – sd\_obs[89]**

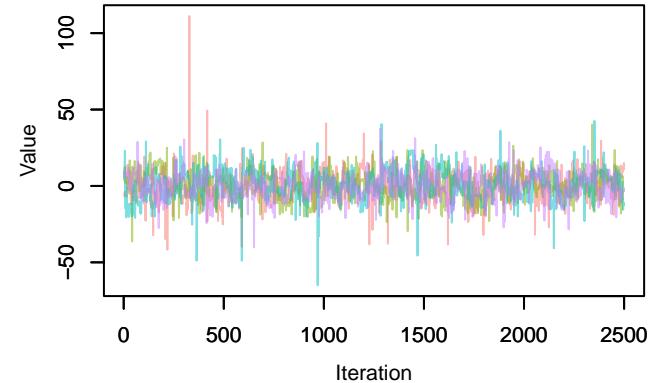
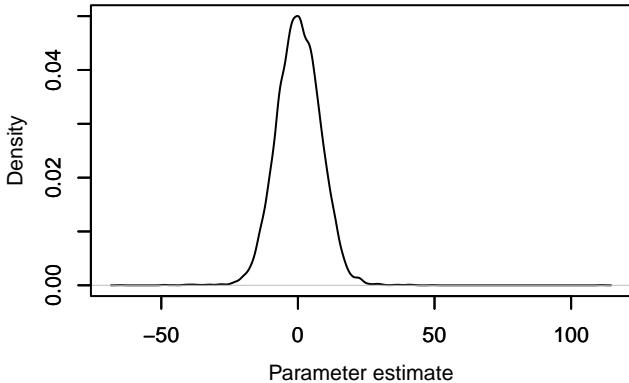
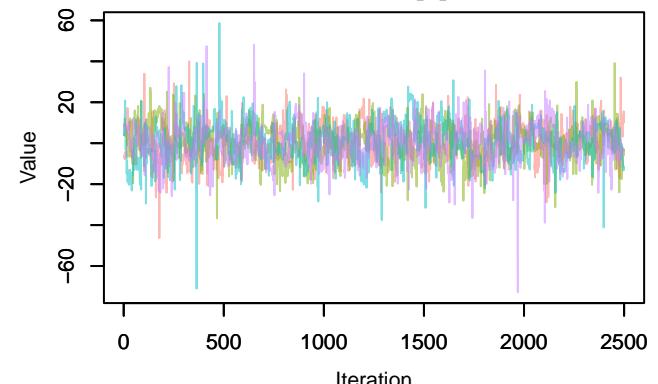
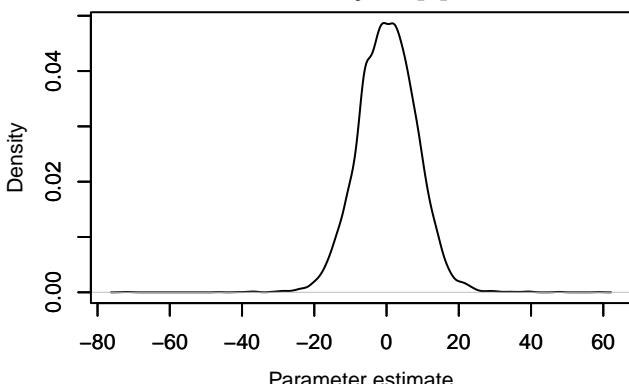
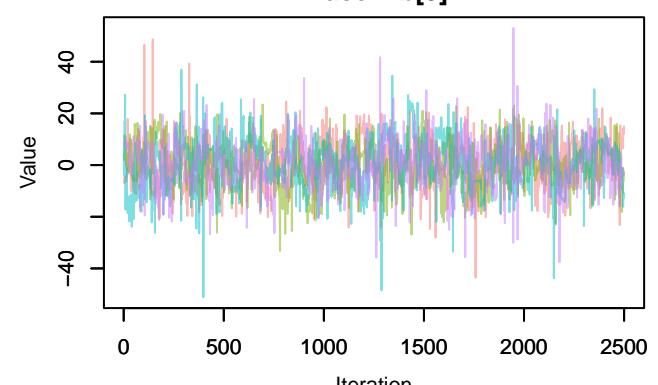
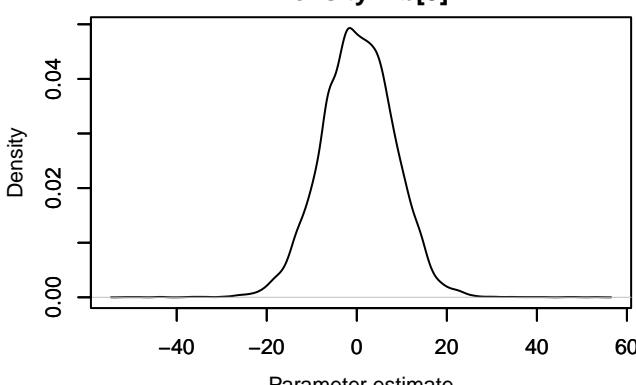
**Trace – sd\_obs[90]****Density – sd\_obs[90]****Trace – sd\_obs[91]****Density – sd\_obs[91]****Trace – sd\_obs[92]****Density – sd\_obs[92]**

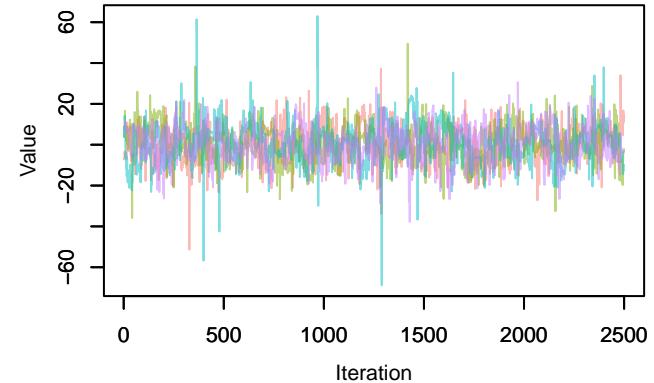
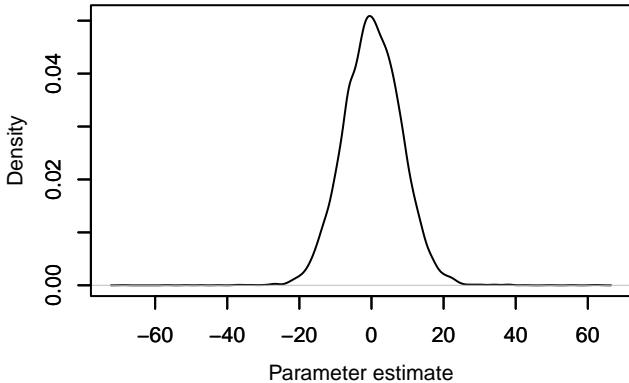
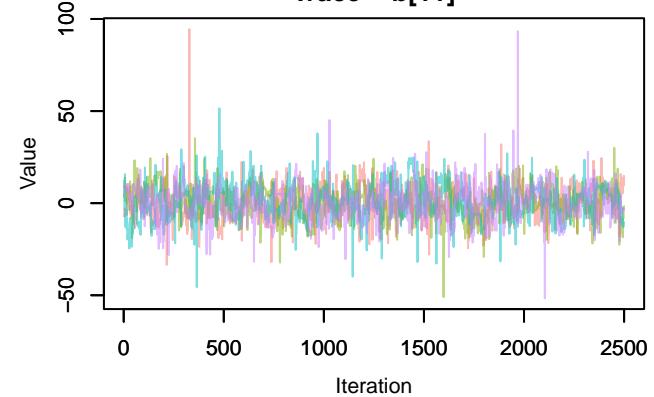
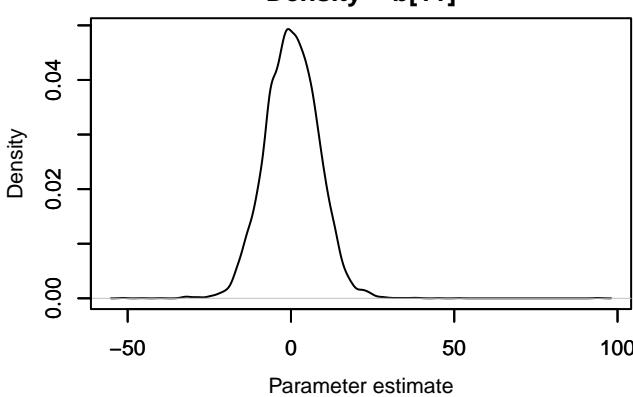
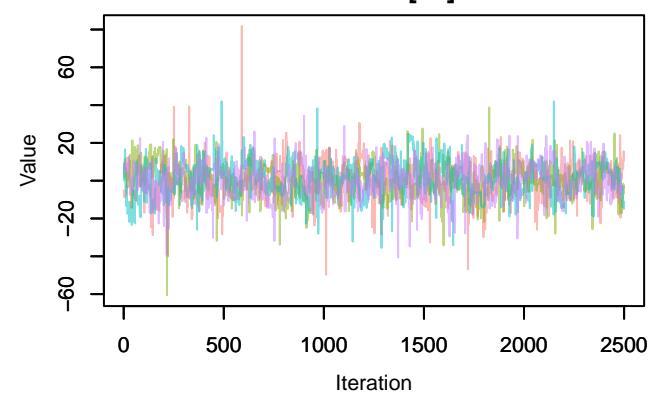
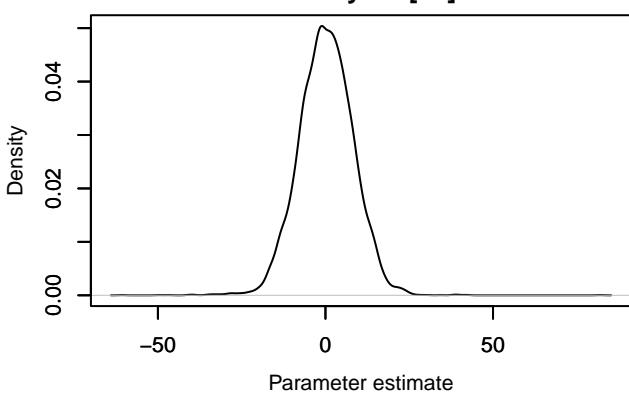
**Trace – sd\_obs[93]****Density – sd\_obs[93]****Trace – sd\_obs[94]****Density – sd\_obs[94]****Trace – sd\_obs[95]****Density – sd\_obs[95]**

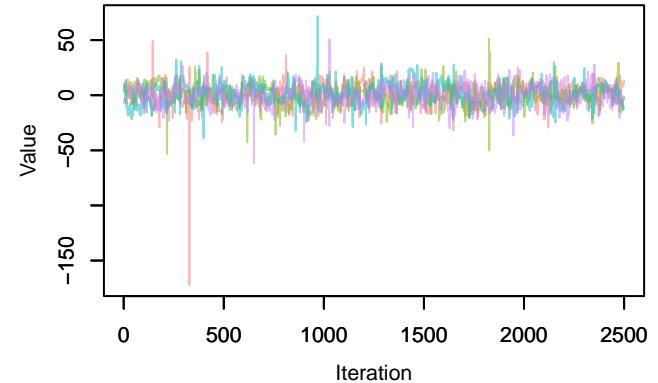
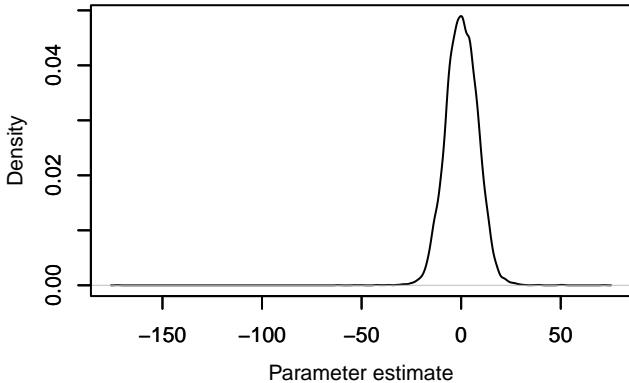
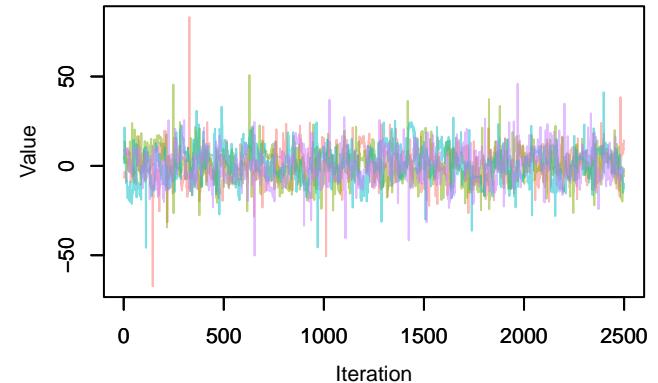
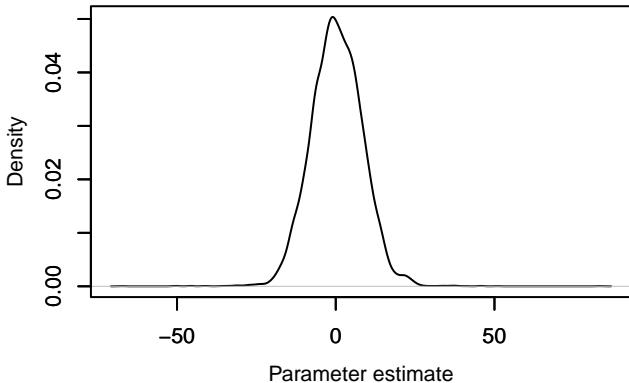
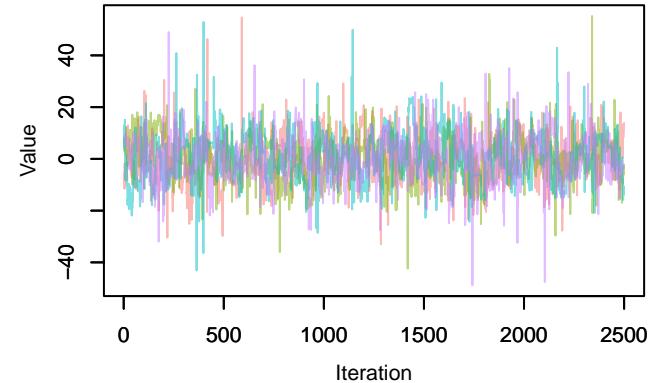
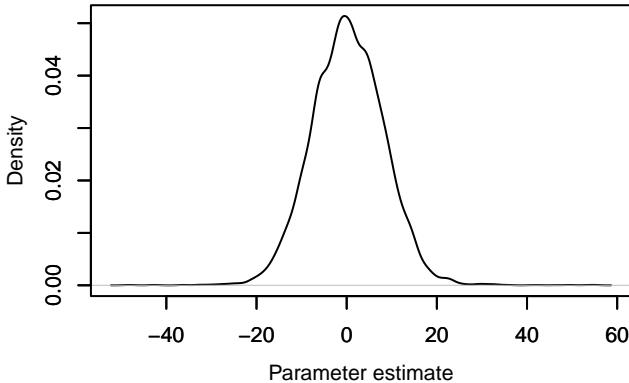
**Trace – sd\_obs[96]****Density – sd\_obs[96]****Trace – sd\_obs[97]****Density – sd\_obs[97]****Trace – mu\_b****Density – mu\_b**

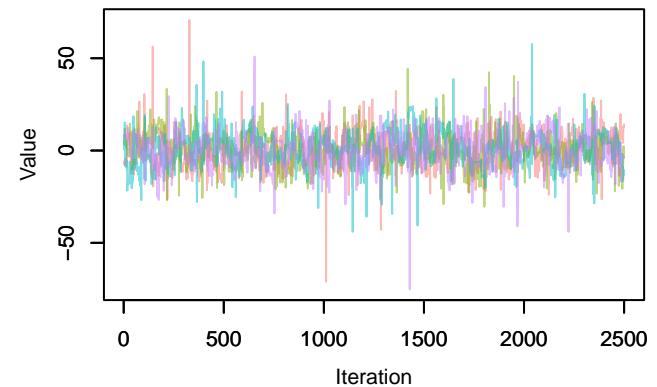
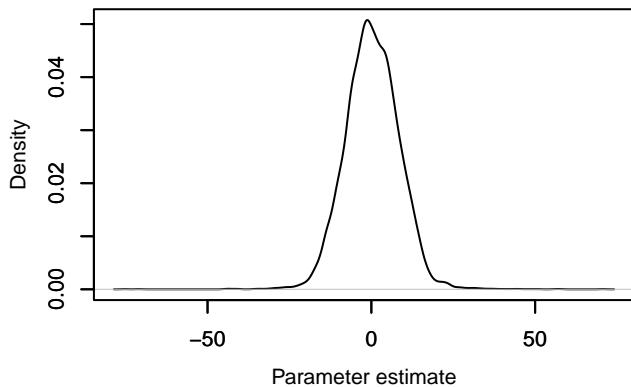
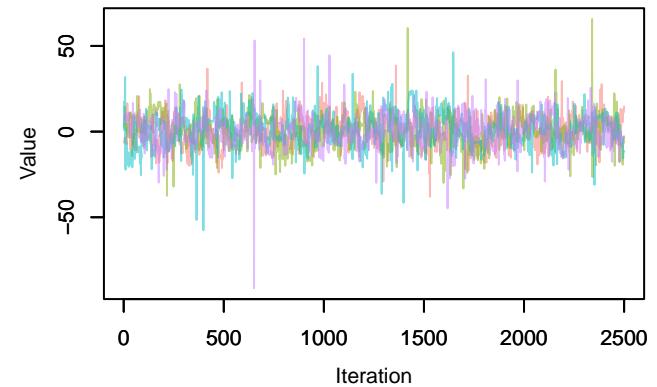
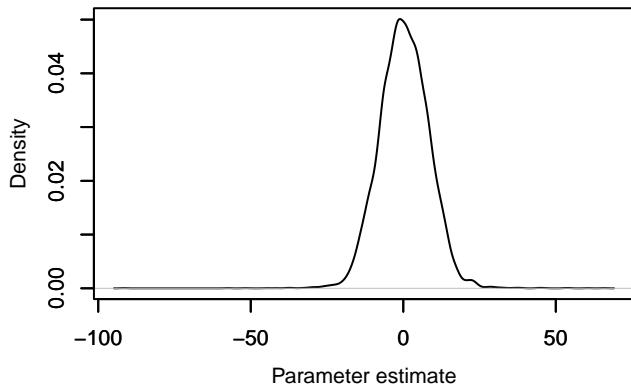
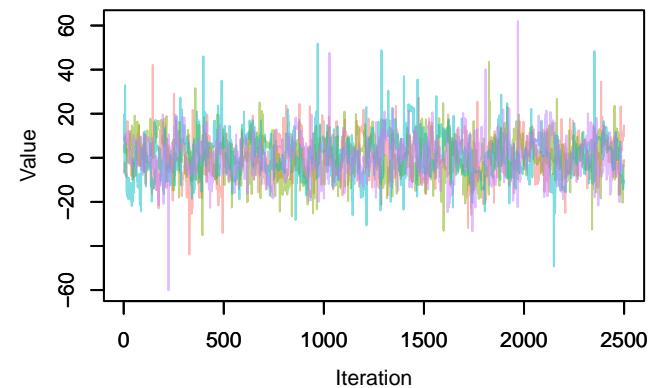
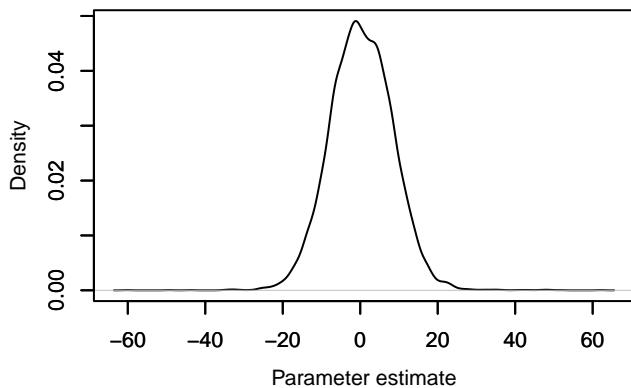
**Trace –  $b[1]$** **Density –  $b[1]$** **Trace –  $b[2]$** **Density –  $b[2]$** **Trace –  $b[3]$** **Density –  $b[3]$** 

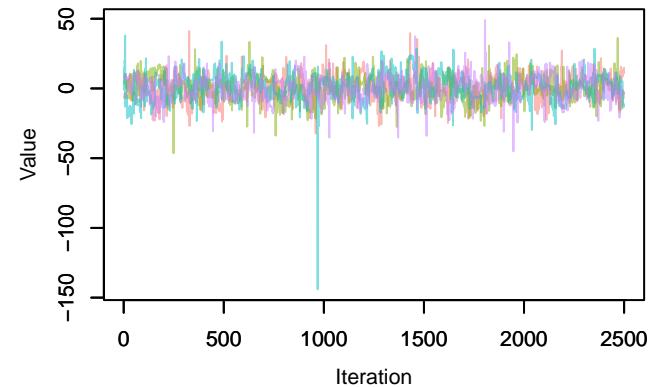
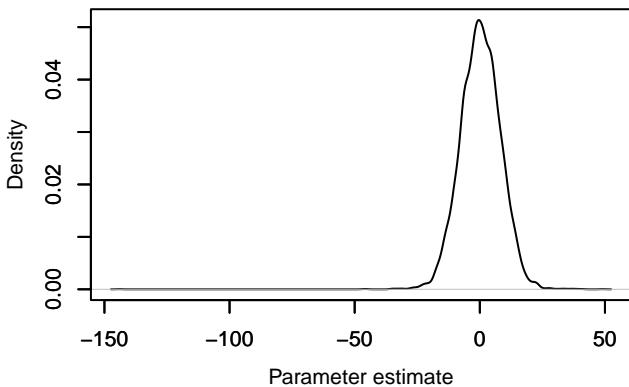
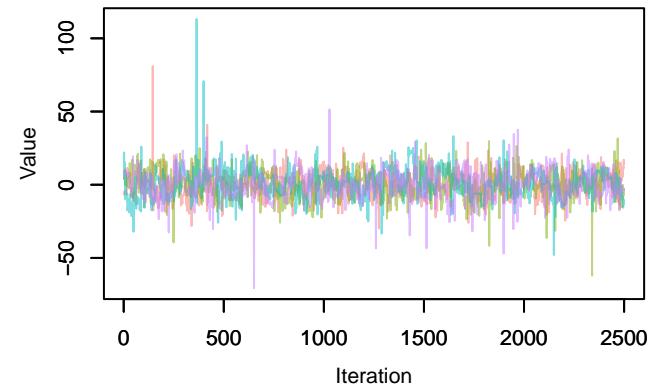
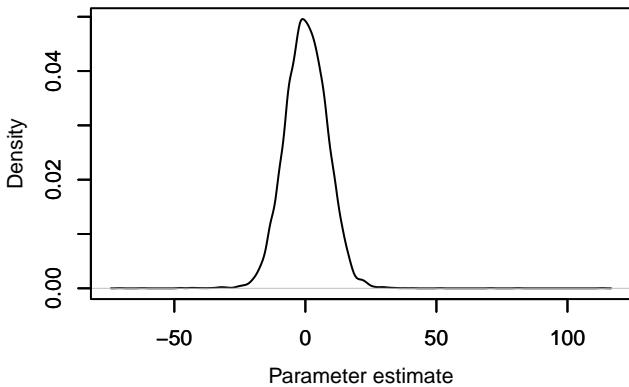
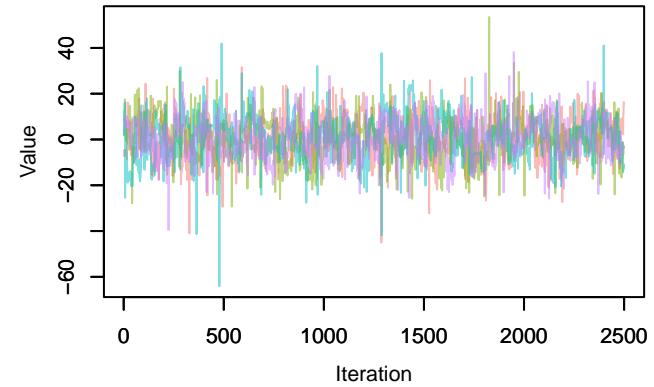
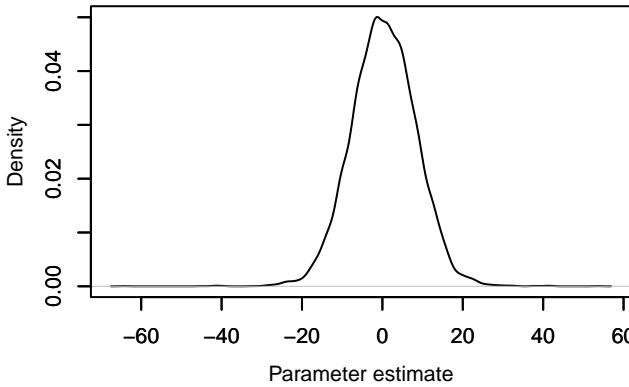
**Trace –  $b[4]$** **Density –  $b[4]$** **Trace –  $b[5]$** **Density –  $b[5]$** **Trace –  $b[6]$** **Density –  $b[6]$** 

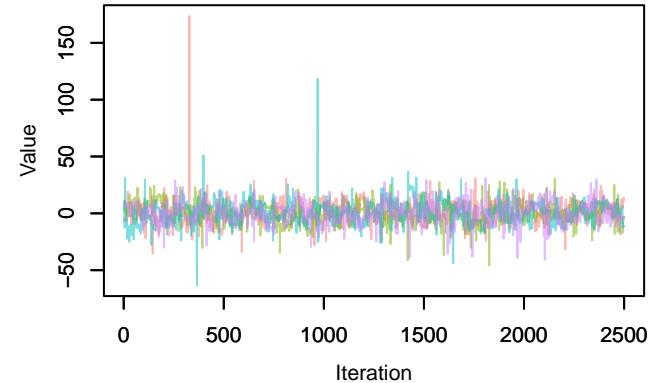
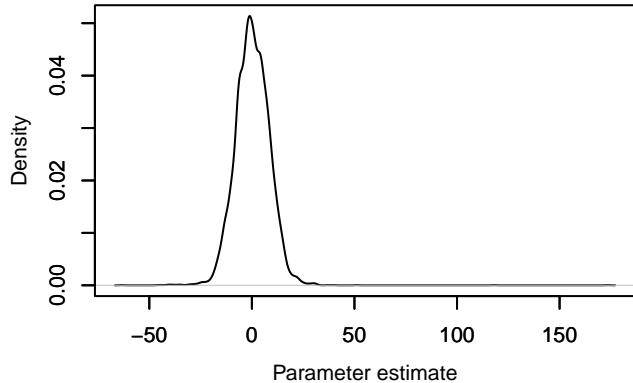
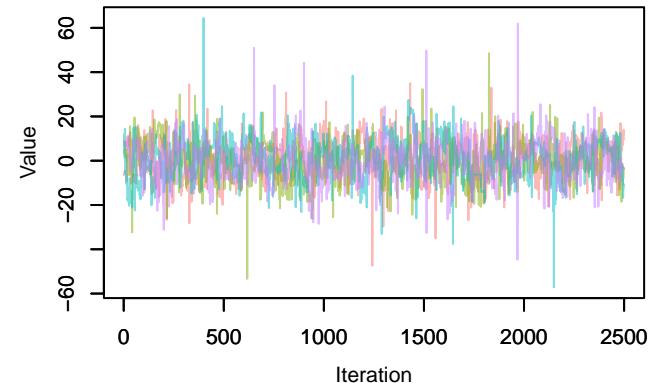
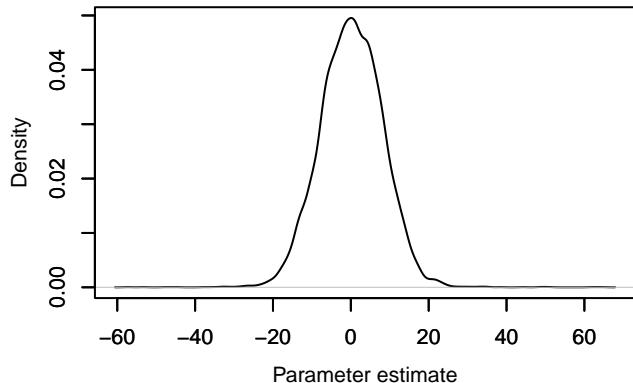
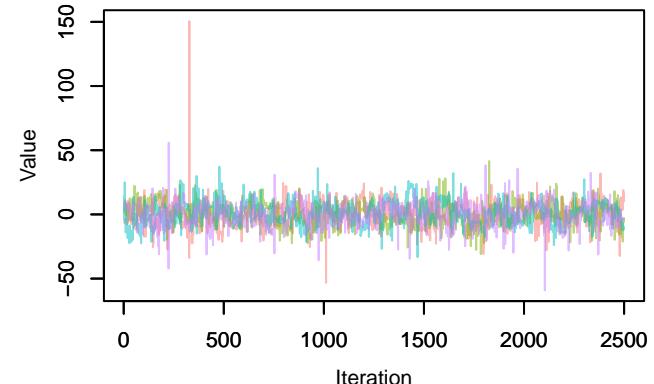
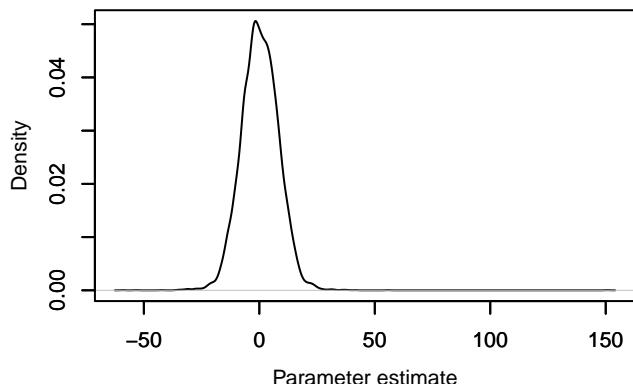
**Trace –  $b[7]$** **Density –  $b[7]$** **Trace –  $b[8]$** **Density –  $b[8]$** **Trace –  $b[9]$** **Density –  $b[9]$** 

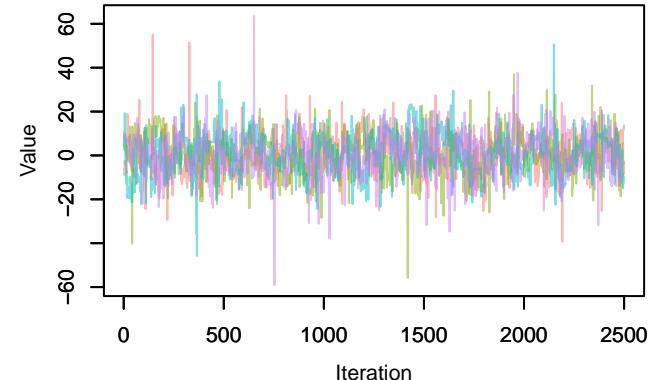
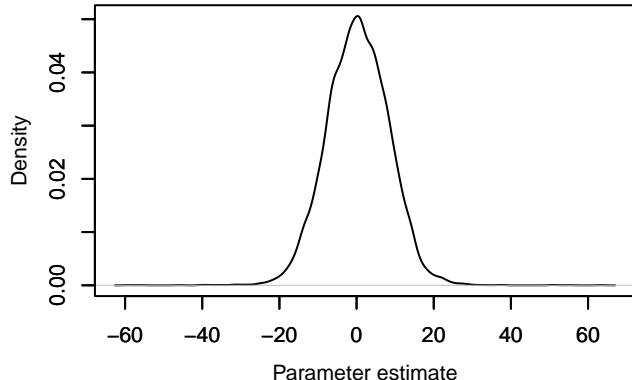
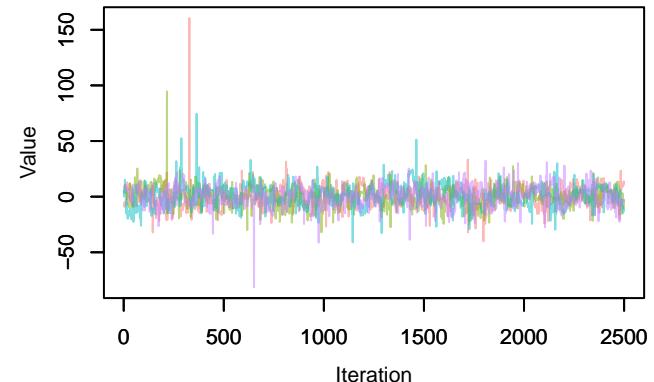
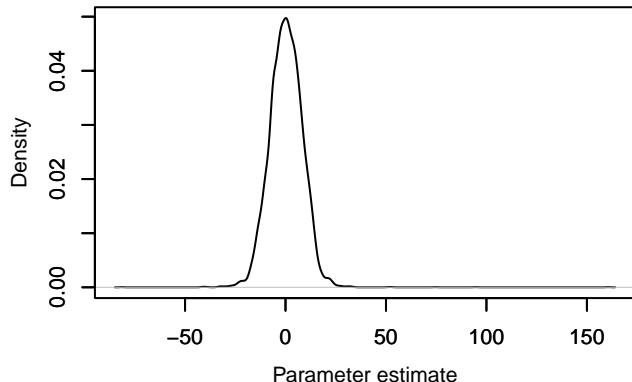
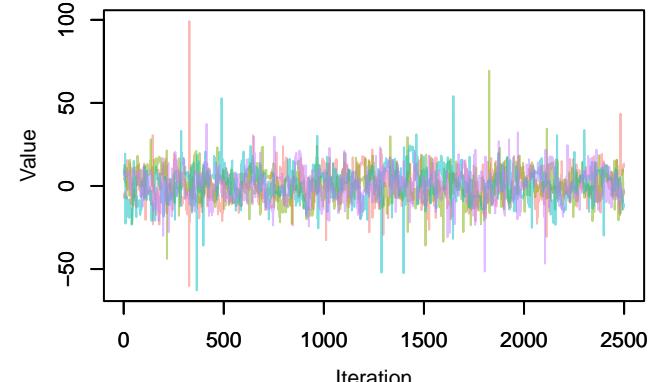
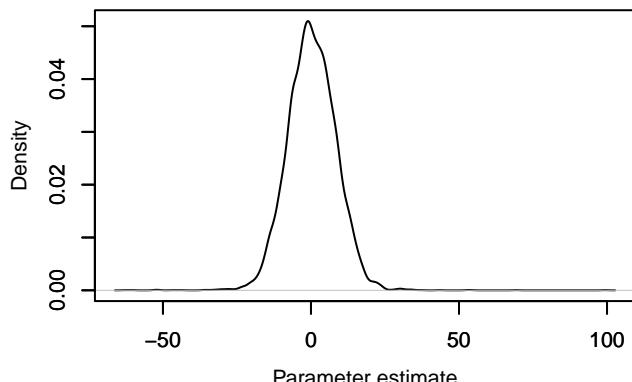
**Trace –  $b[10]$** **Density –  $b[10]$** **Trace –  $b[11]$** **Density –  $b[11]$** **Trace –  $b[12]$** **Density –  $b[12]$** 

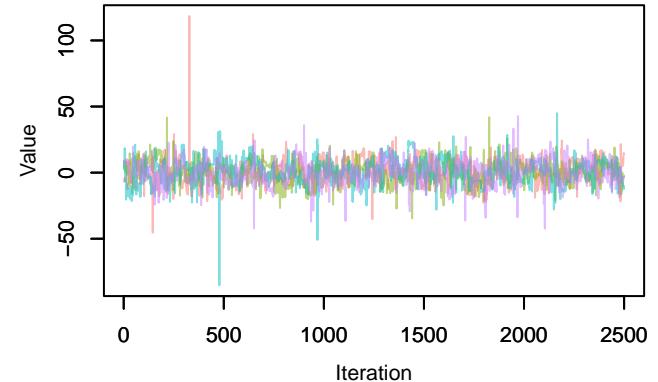
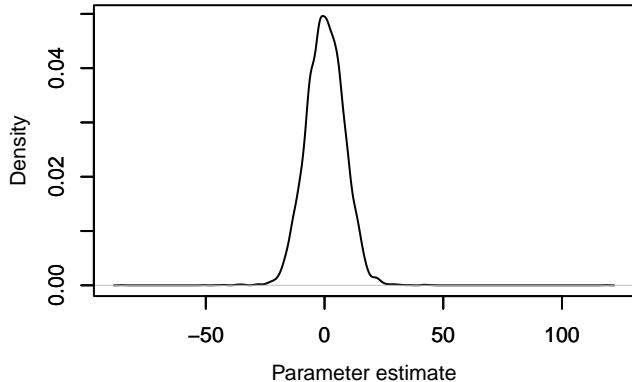
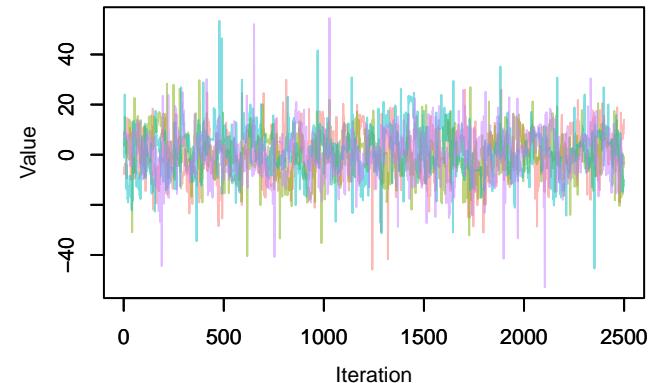
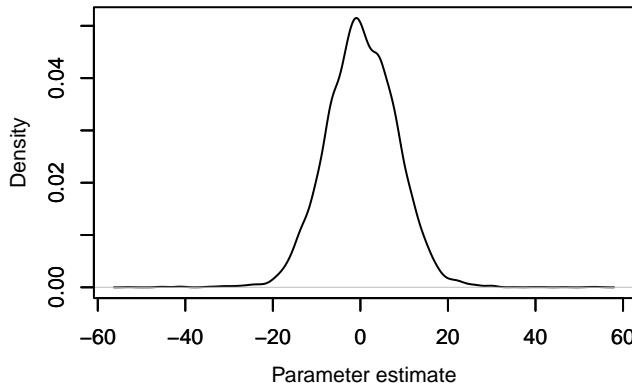
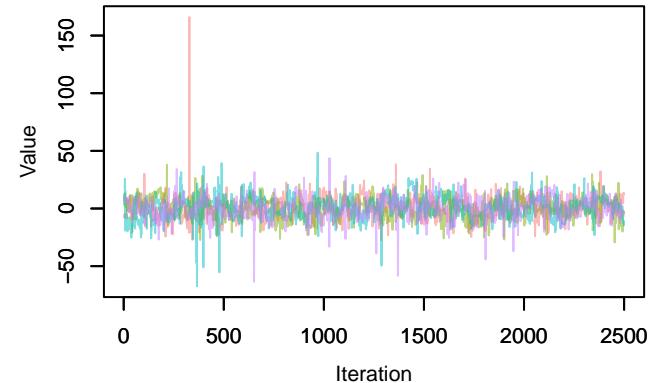
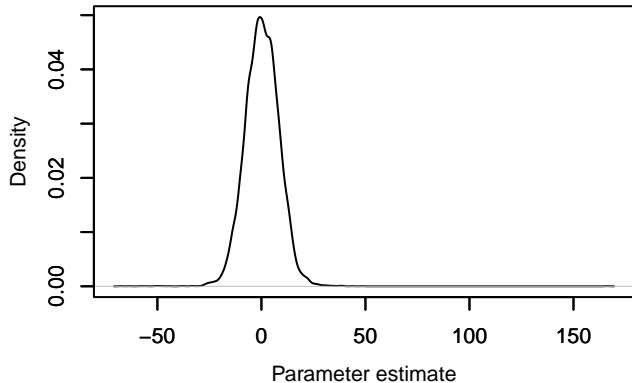
**Trace – b[13]****Density – b[13]****Trace – b[14]****Density – b[14]****Trace – b[15]****Density – b[15]**

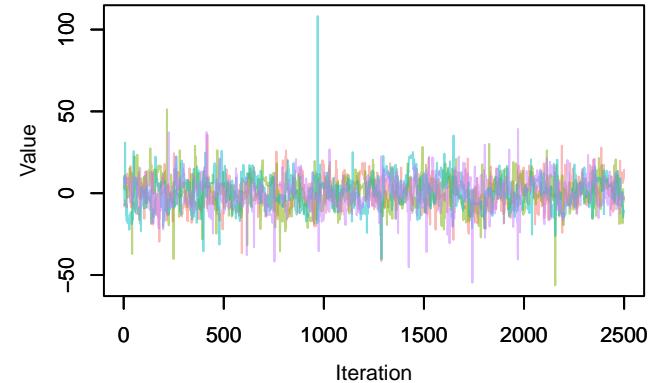
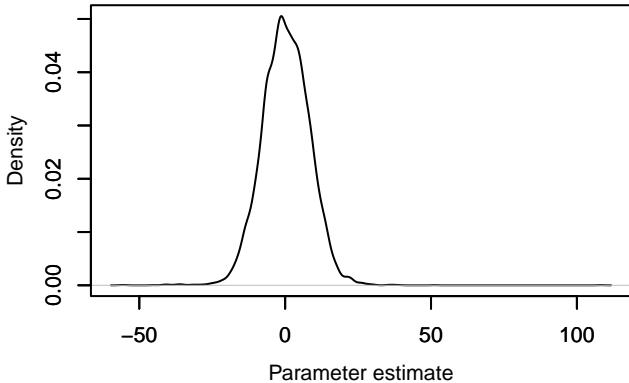
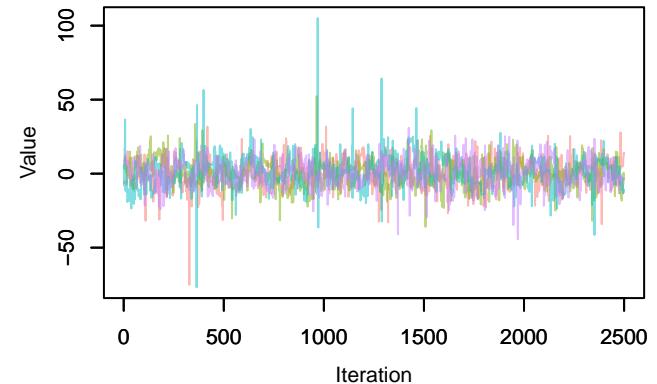
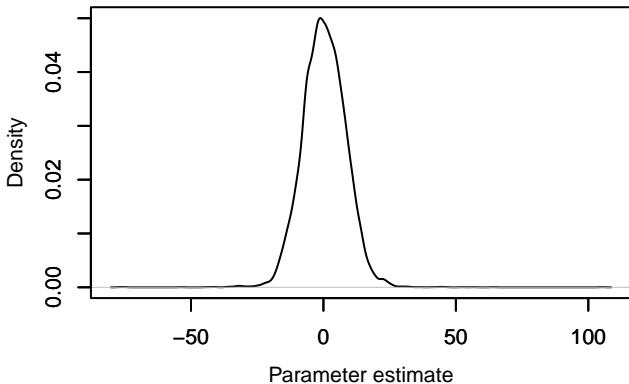
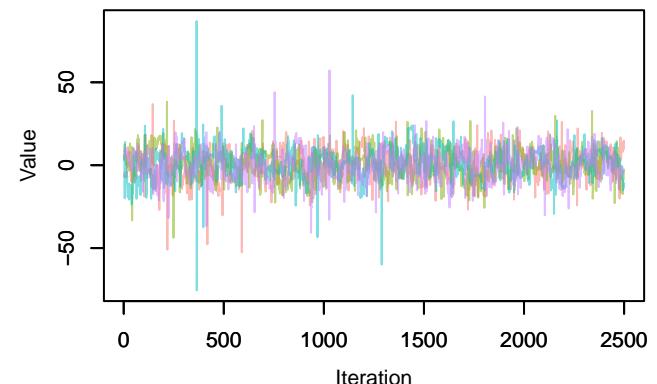
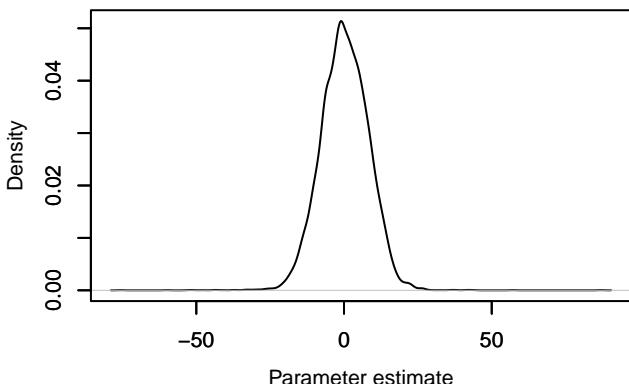
**Trace – b[16]****Density – b[16]****Trace – b[17]****Density – b[17]****Trace – b[18]****Density – b[18]**

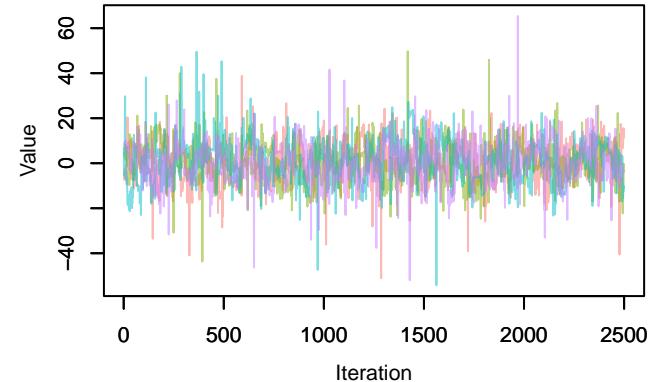
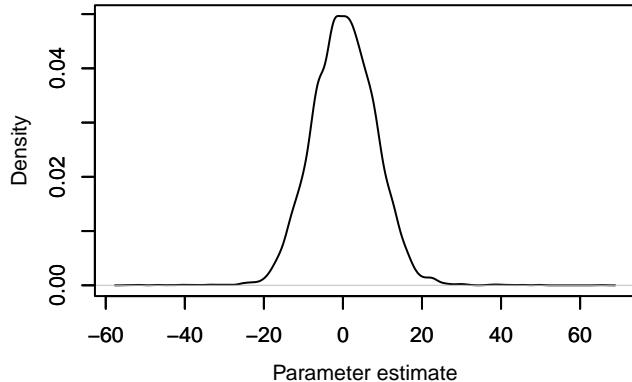
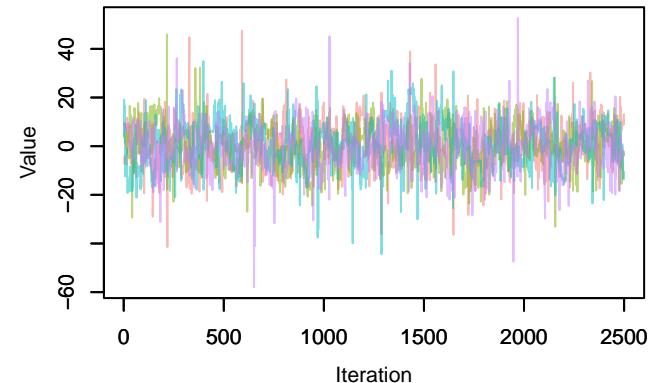
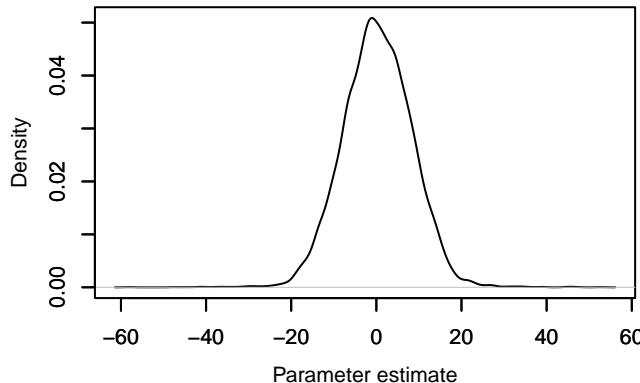
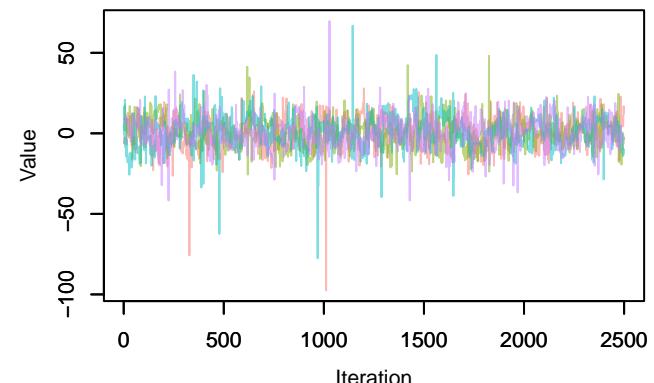
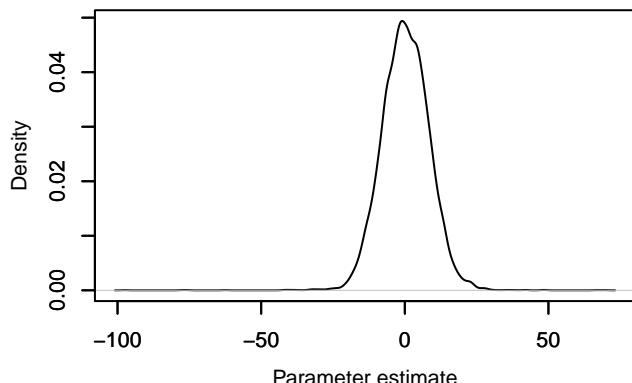
**Trace – b[19]****Density – b[19]****Trace – b[20]****Density – b[20]****Trace – b[21]****Density – b[21]**

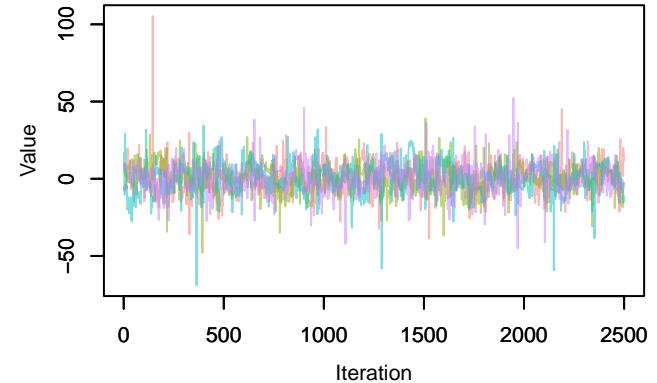
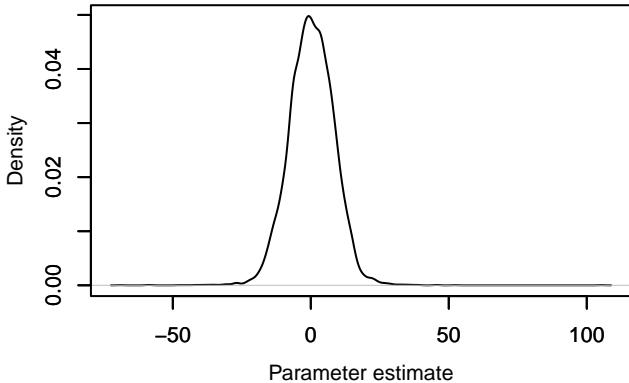
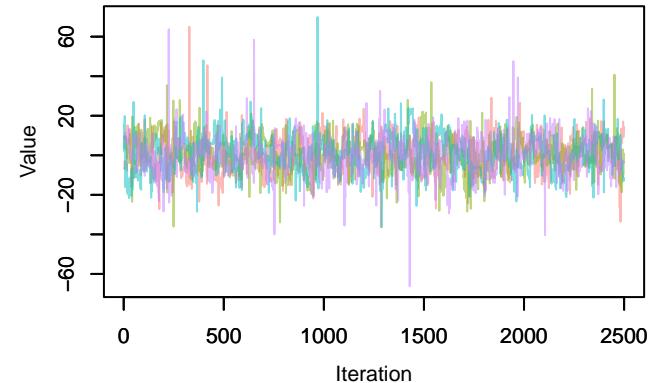
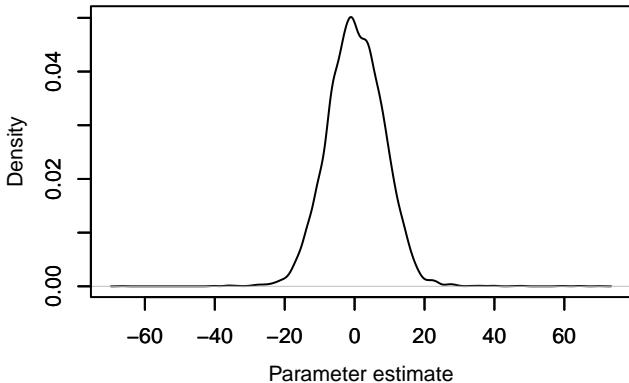
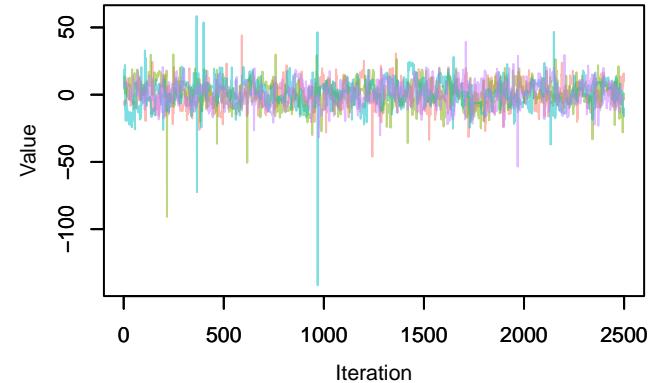
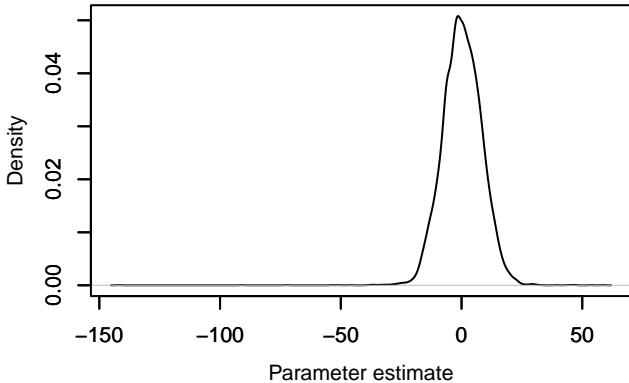
**Trace – b[22]****Density – b[22]****Trace – b[23]****Density – b[23]****Trace – b[24]****Density – b[24]**

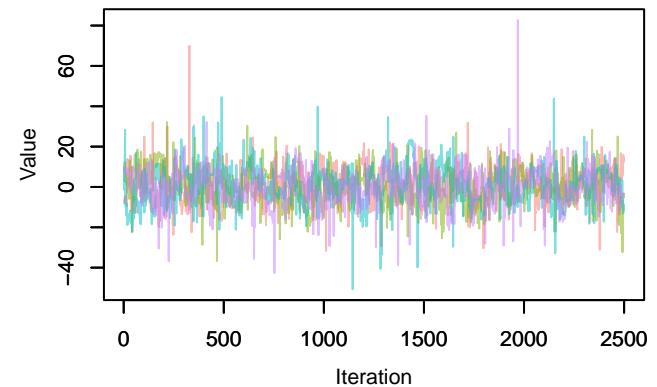
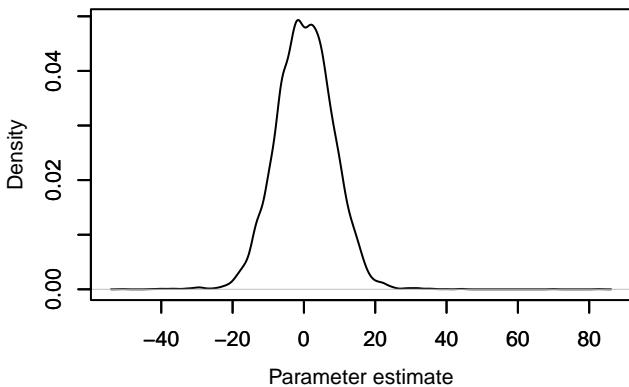
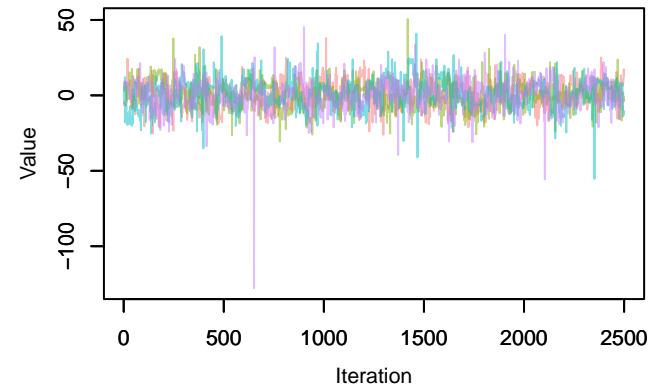
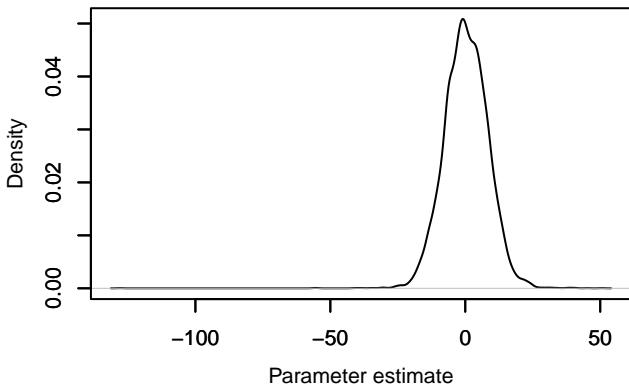
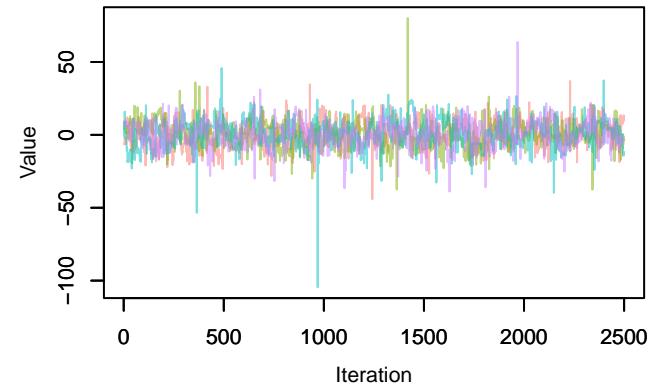
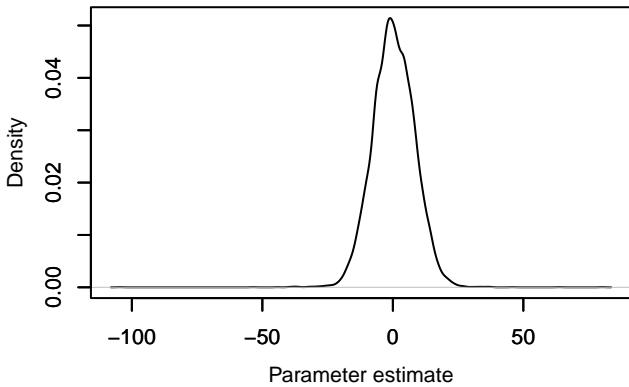
**Trace – b[25]****Density – b[25]****Trace – b[26]****Density – b[26]****Trace – b[27]****Density – b[27]**

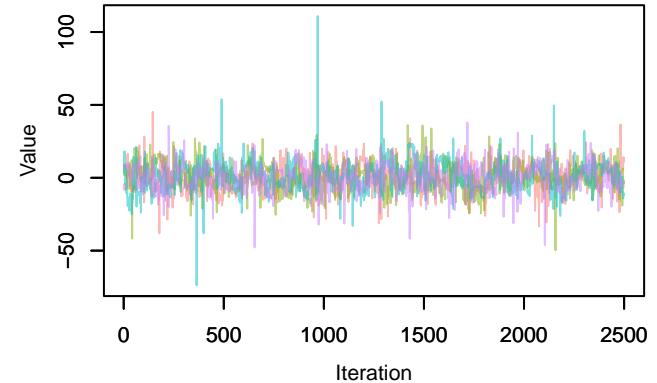
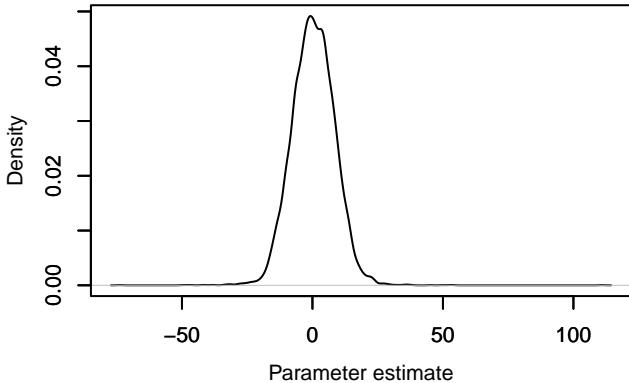
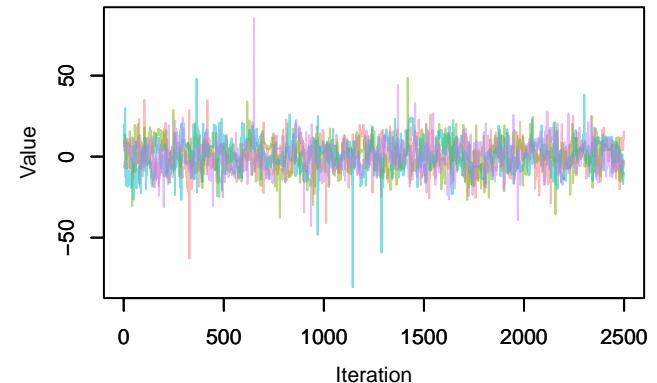
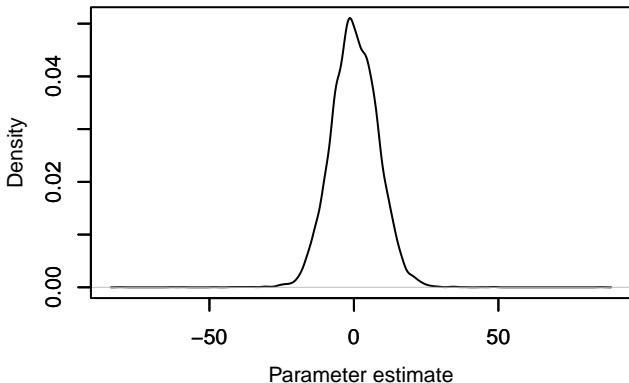
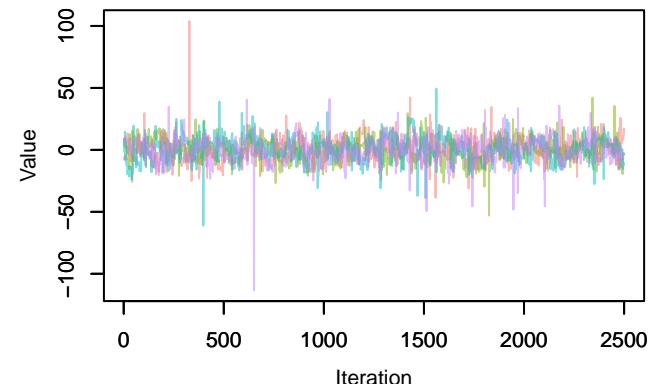
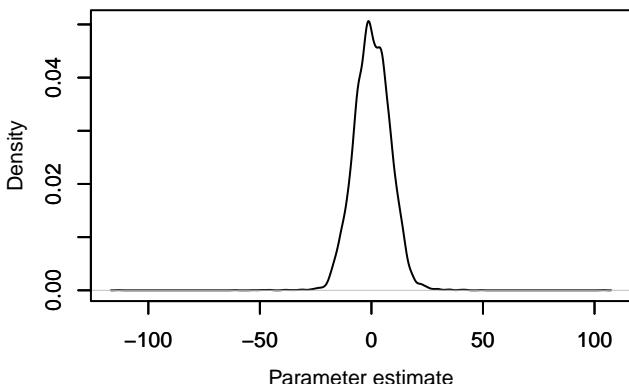
**Trace – b[28]****Density – b[28]****Trace – b[29]****Density – b[29]****Trace – b[30]****Density – b[30]**

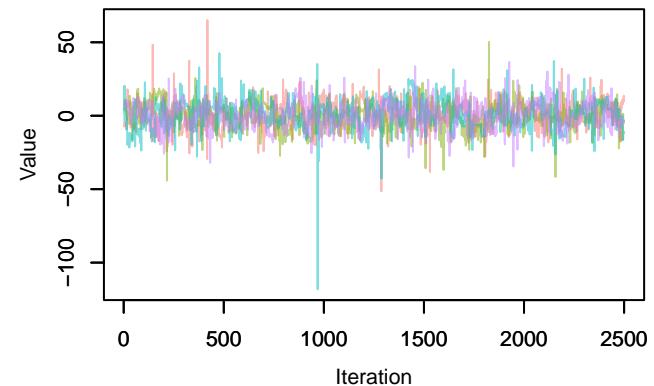
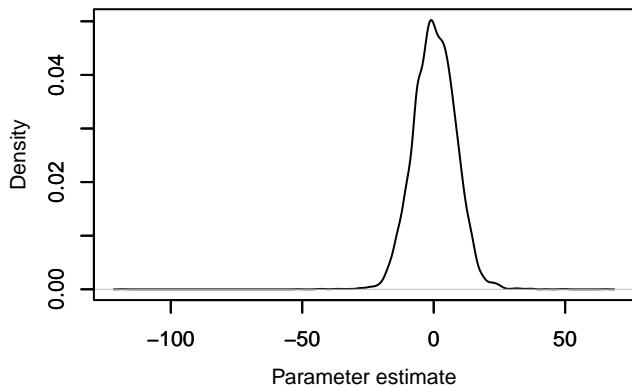
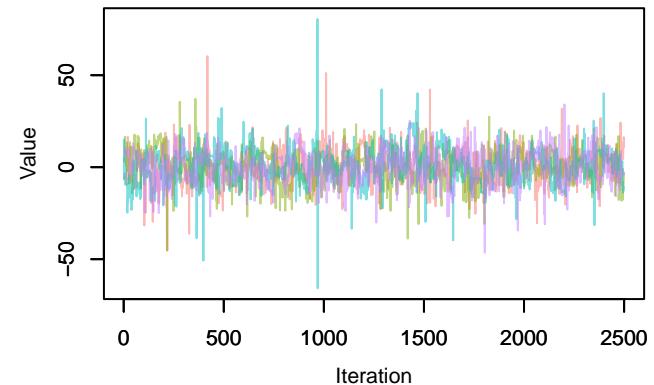
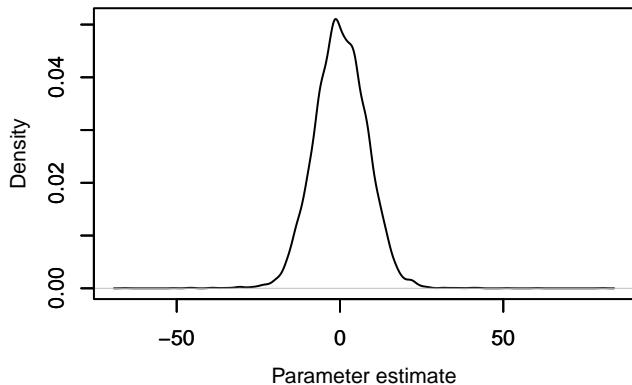
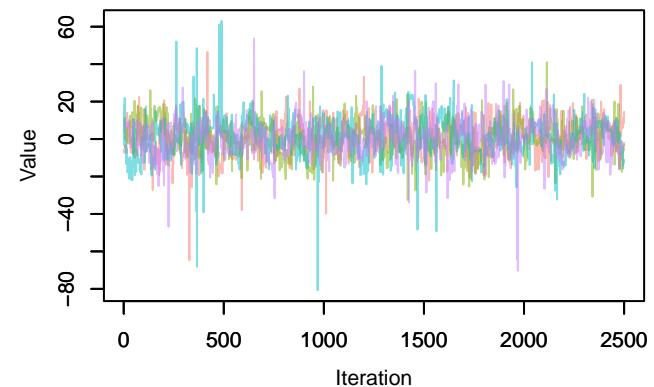
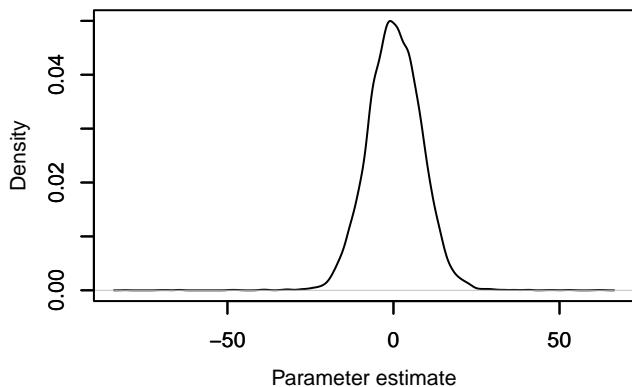
**Trace – b[31]****Density – b[31]****Trace – b[32]****Density – b[32]****Trace – b[33]****Density – b[33]**

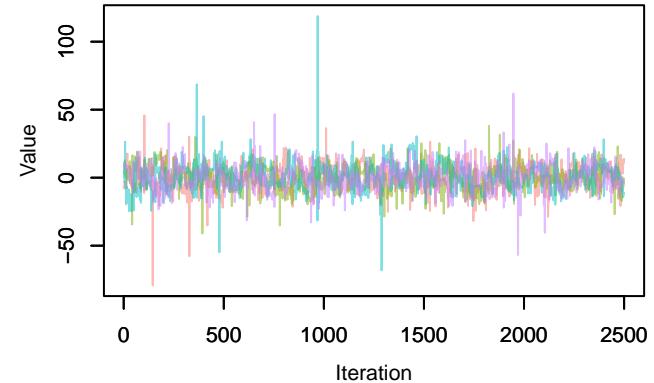
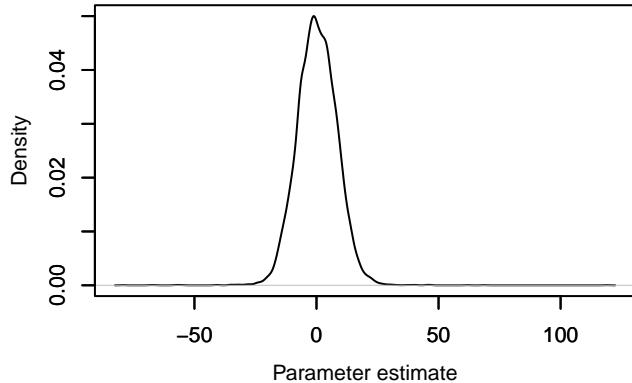
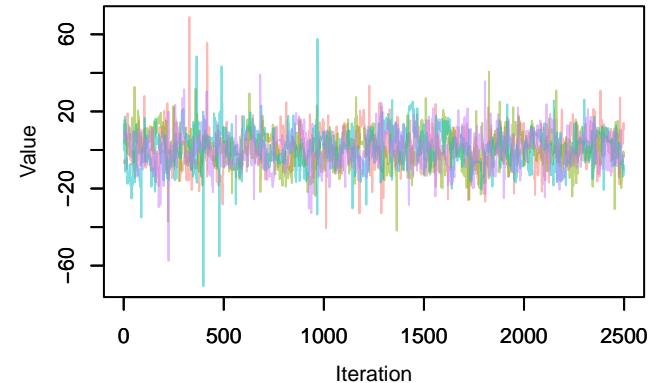
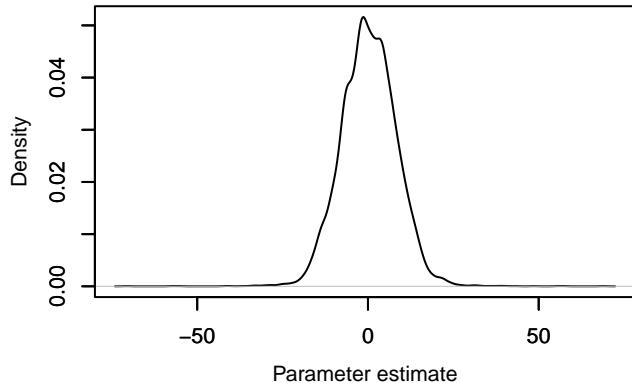
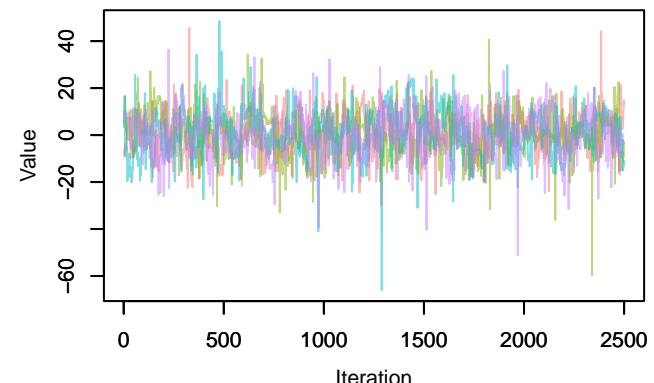
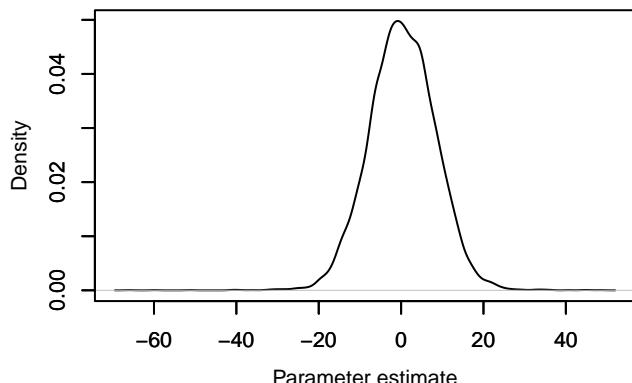
**Trace – b[34]****Density – b[34]****Trace – b[35]****Density – b[35]****Trace – b[36]****Density – b[36]**

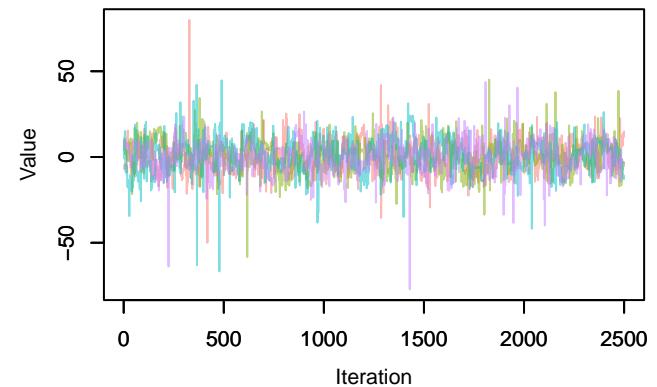
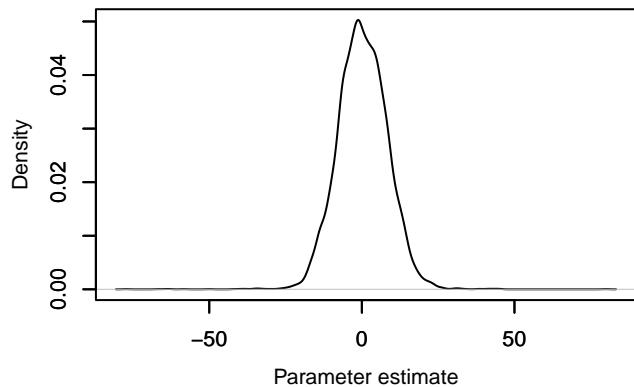
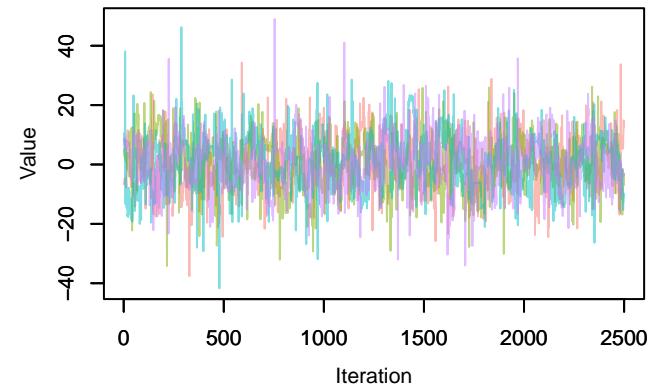
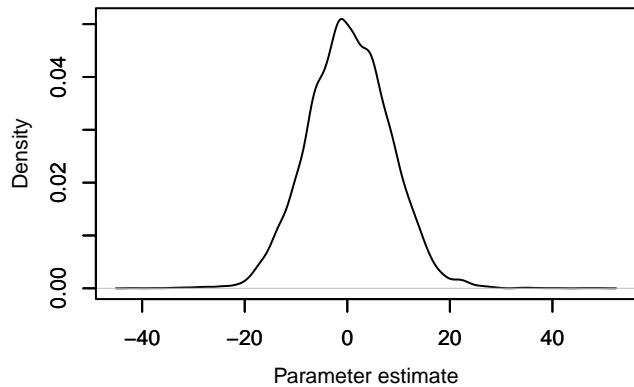
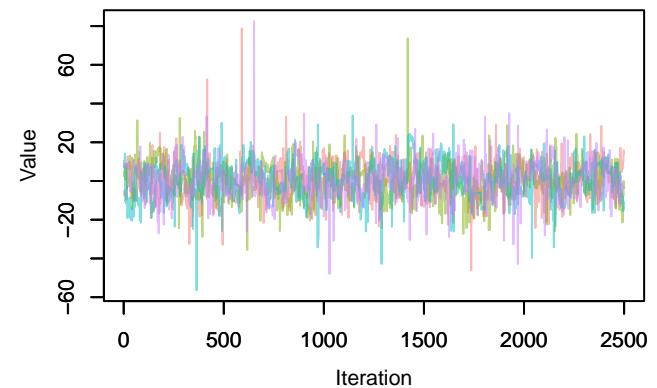
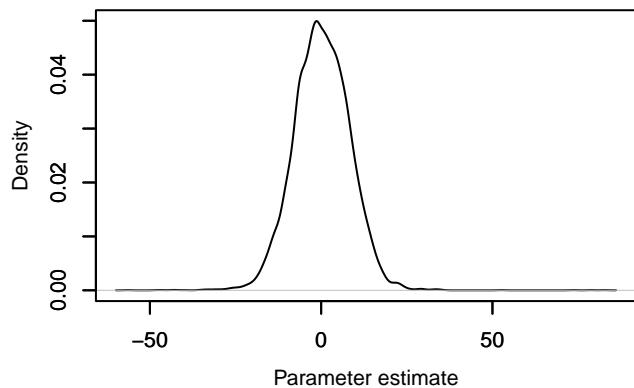
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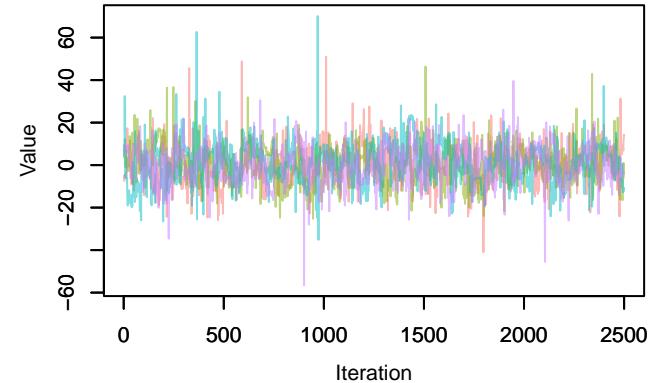
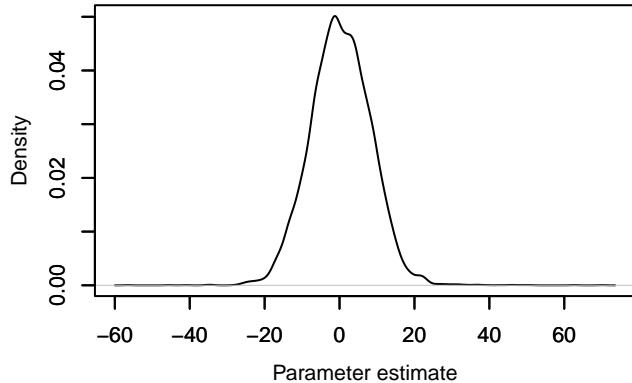
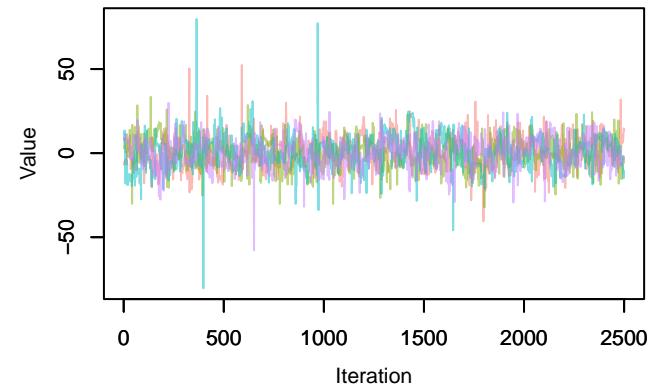
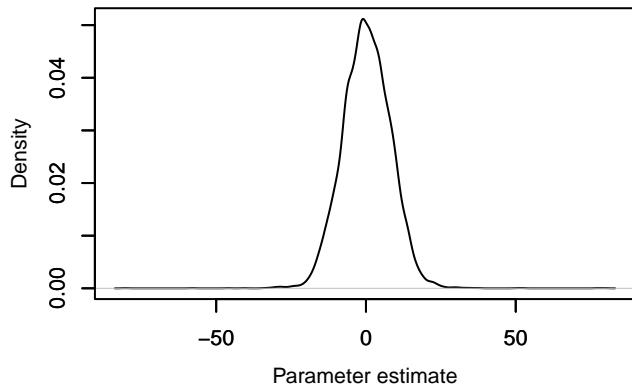
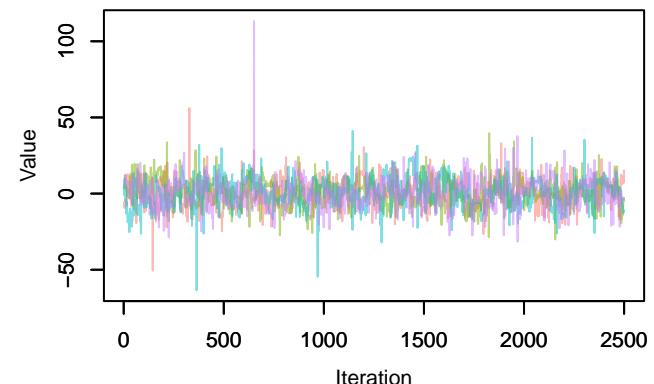
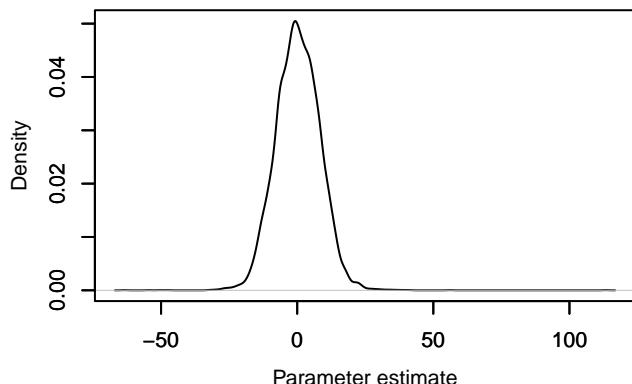
**Trace – b[40]****Density – b[40]****Trace – b[41]****Density – b[41]****Trace – b[42]****Density – b[42]**

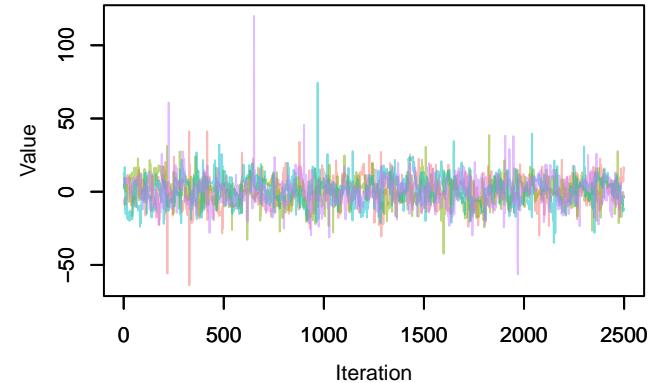
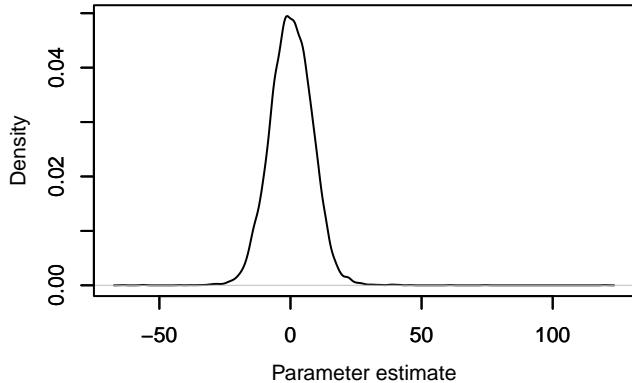
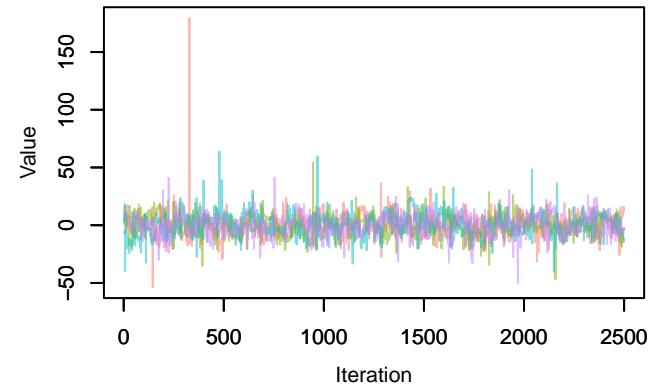
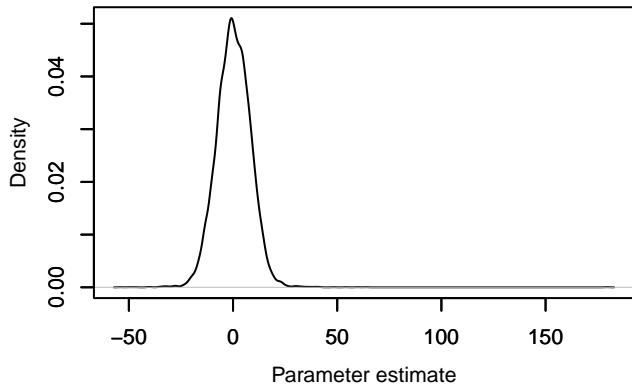
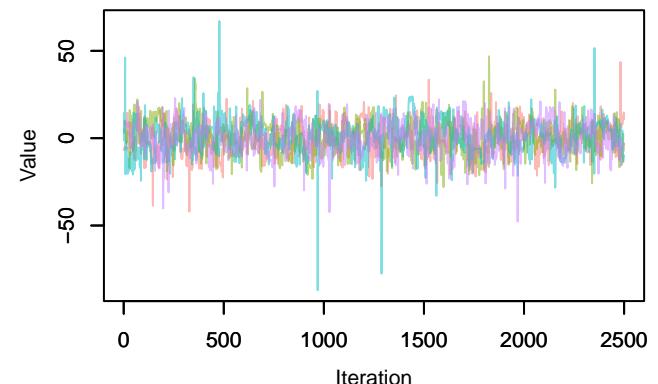
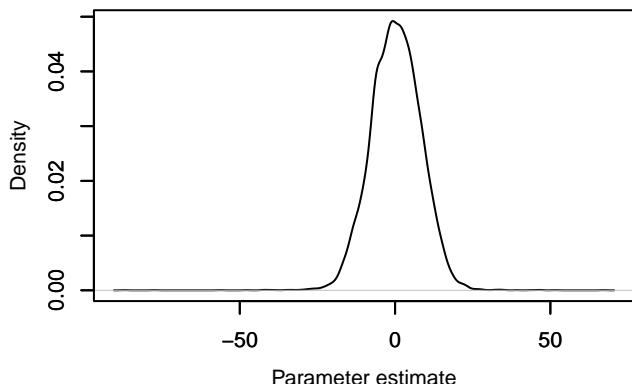
**Trace – b[43]****Density – b[43]****Trace – b[44]****Density – b[44]****Trace – b[45]****Density – b[45]**

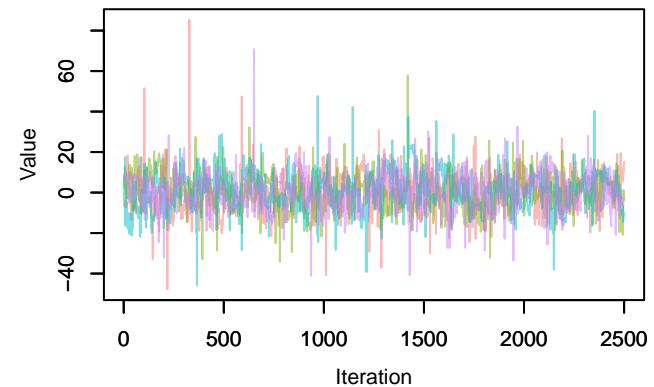
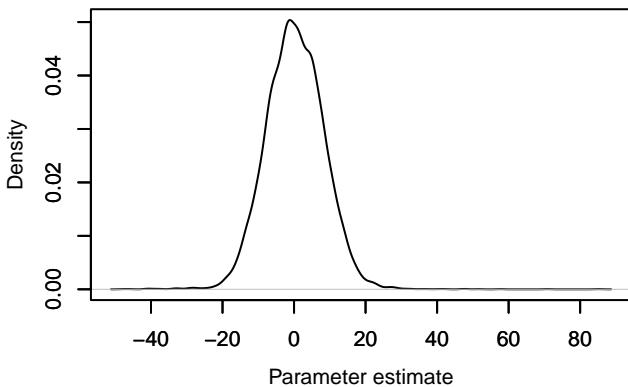
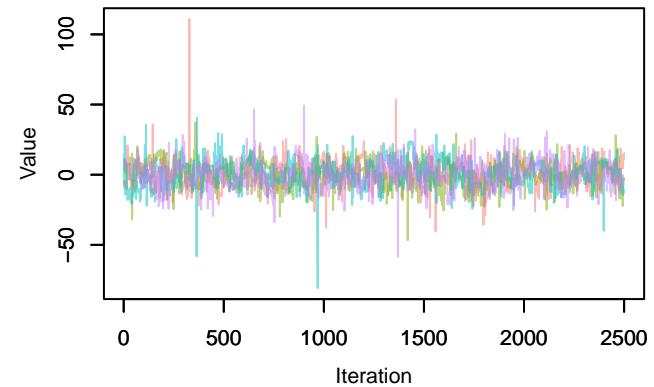
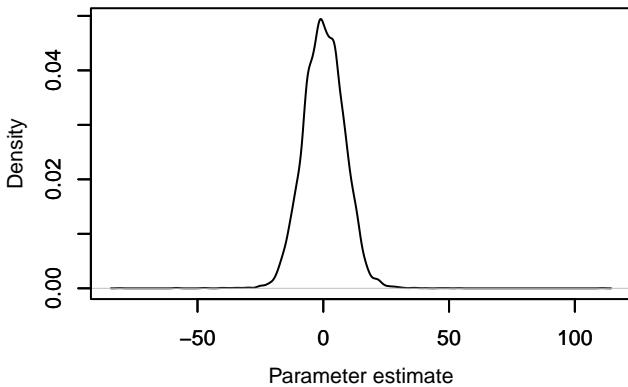
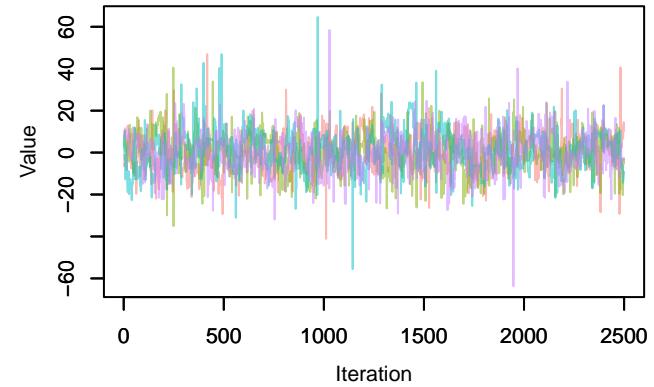
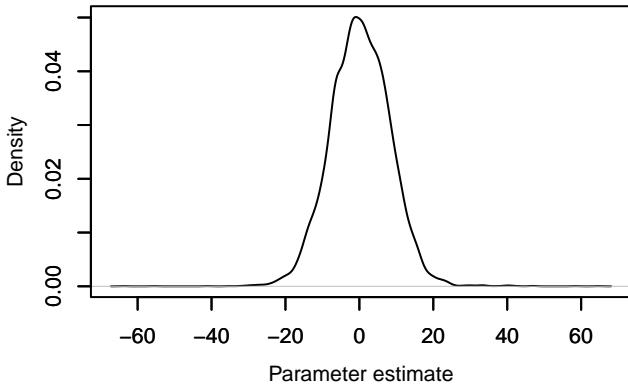
**Trace – b[46]****Density – b[46]****Trace – b[47]****Density – b[47]****Trace – b[48]****Density – b[48]**

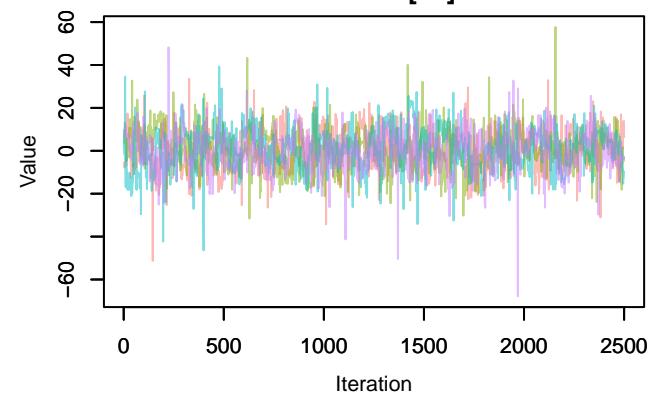
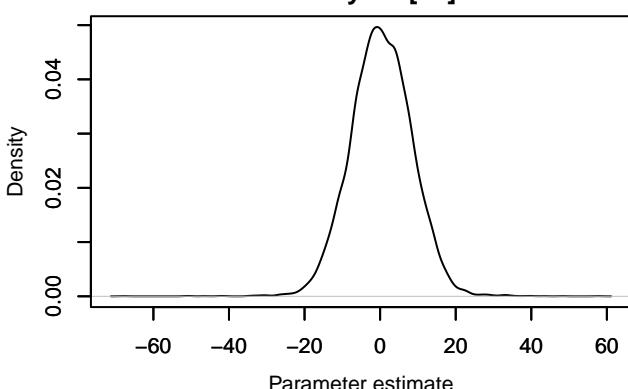
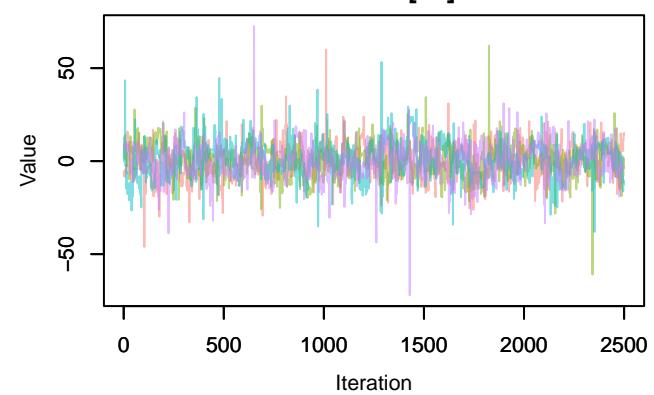
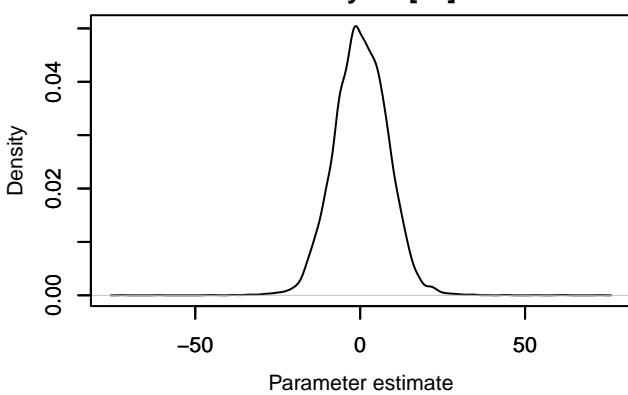
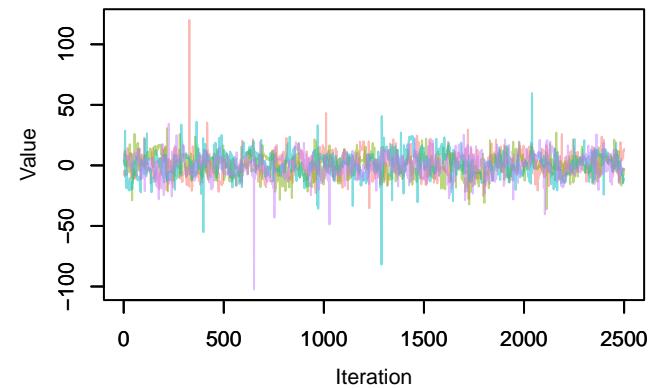
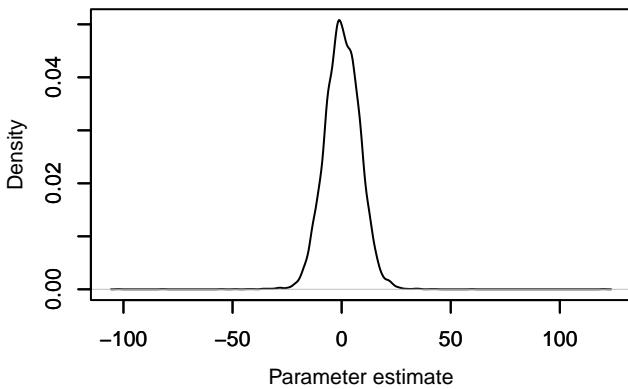
**Trace – b[49]****Density – b[49]****Trace – b[50]****Density – b[50]****Trace – b[51]****Density – b[51]**

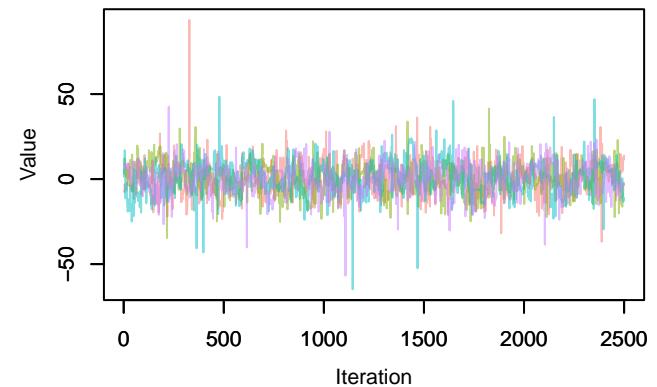
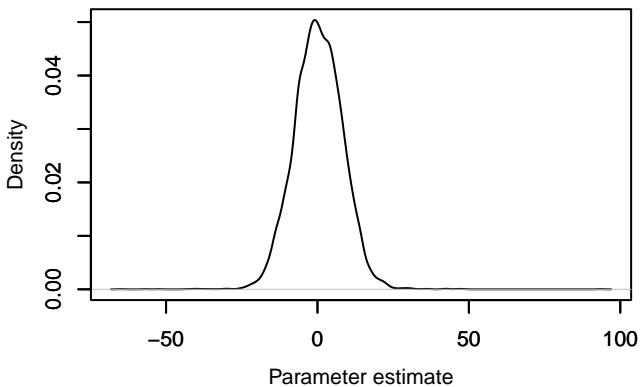
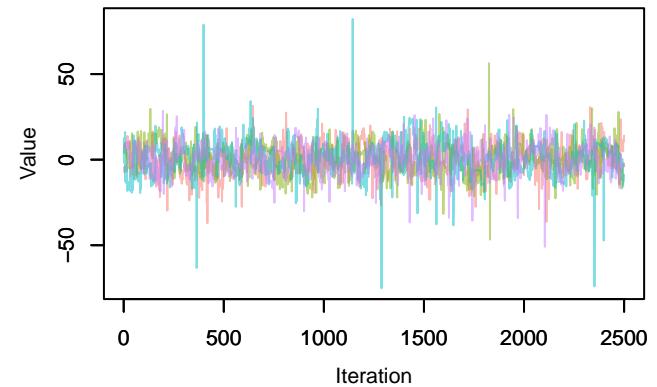
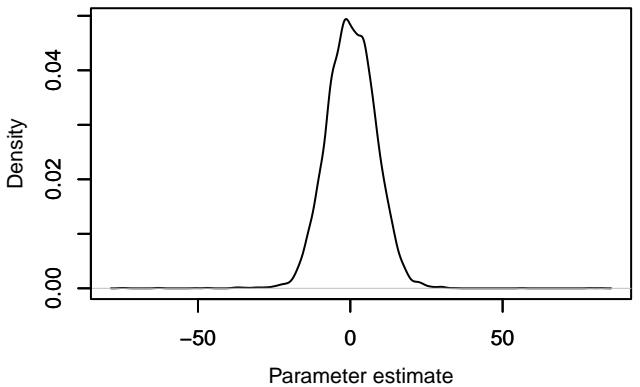
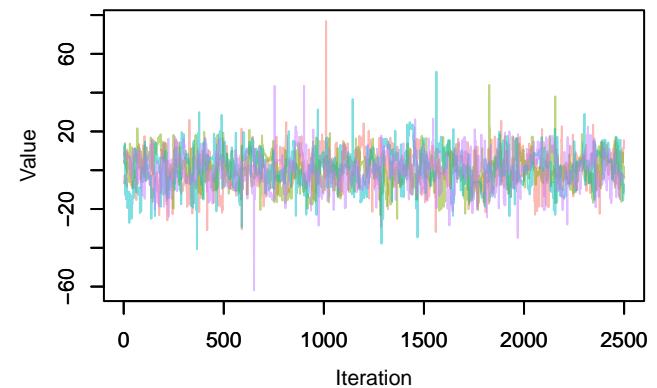
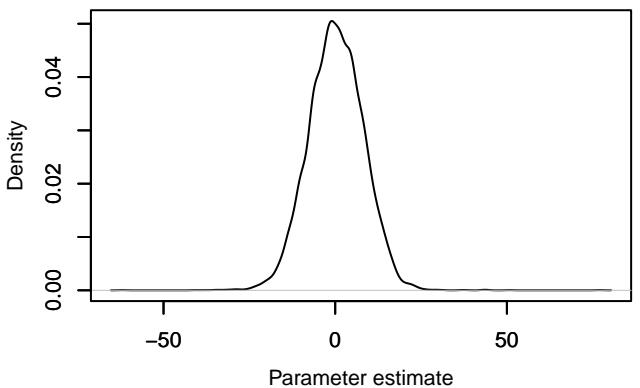
**Trace – b[52]****Density – b[52]****Trace – b[53]****Density – b[53]****Trace – b[54]****Density – b[54]**

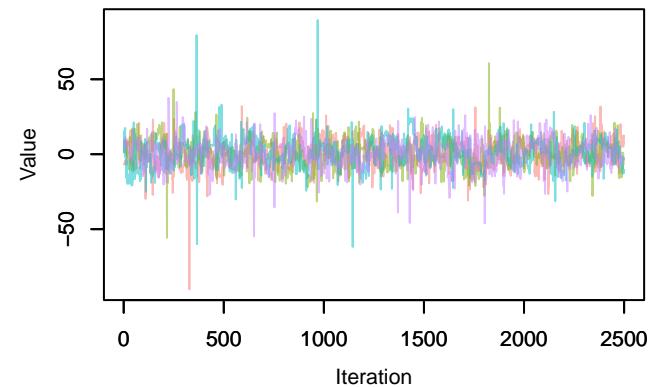
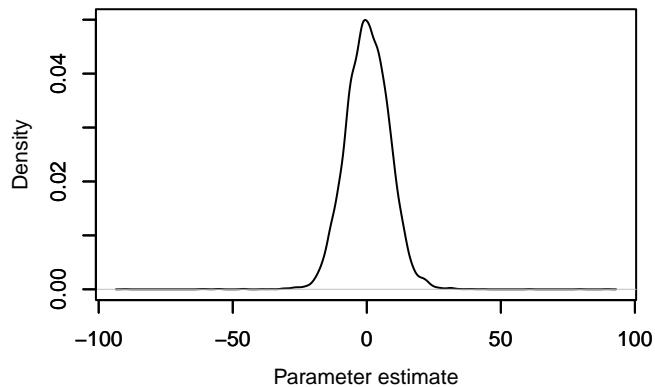
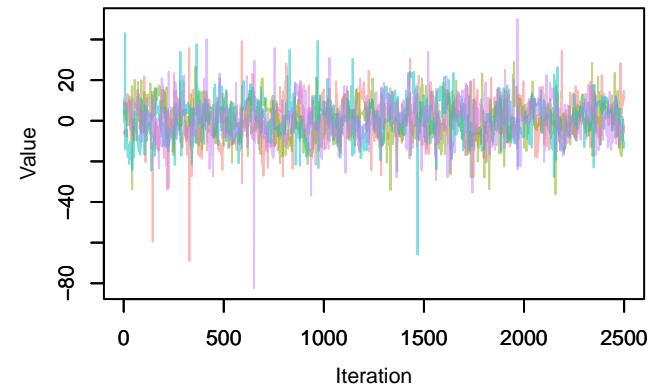
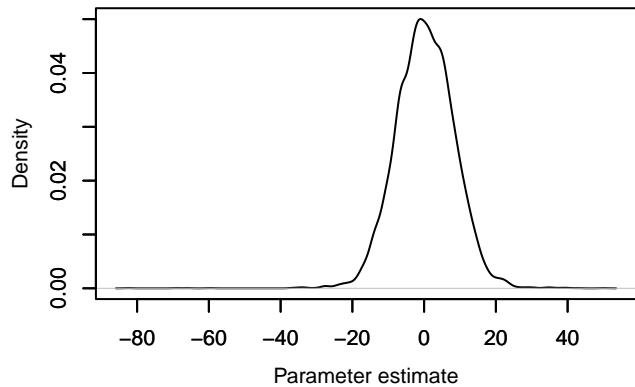
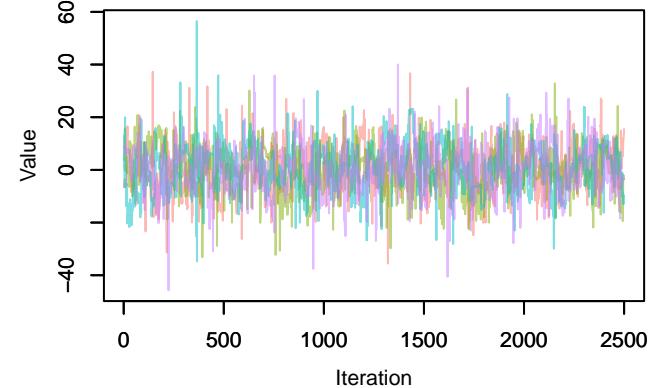
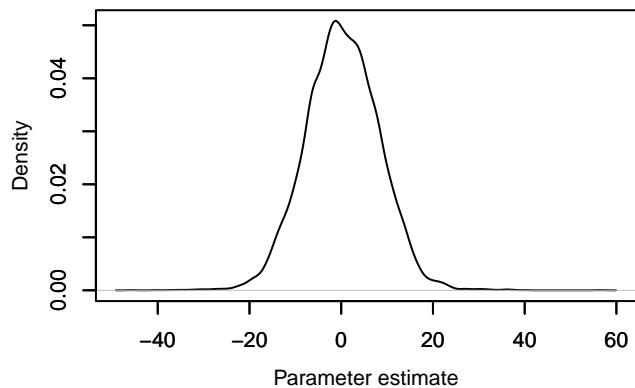
**Trace – b[55]****Density – b[55]****Trace – b[56]****Density – b[56]****Trace – b[57]****Density – b[57]**

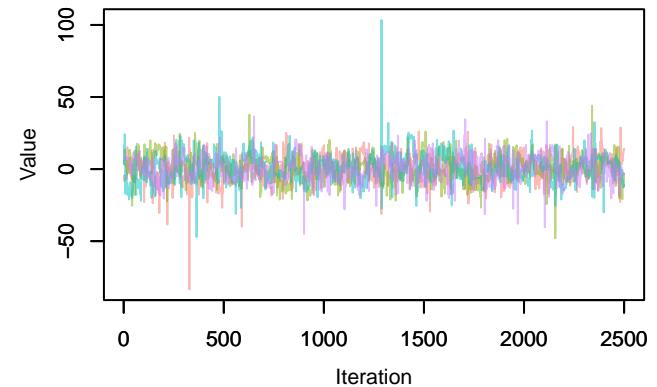
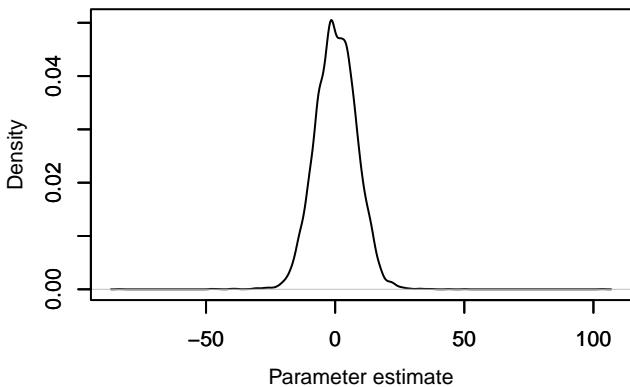
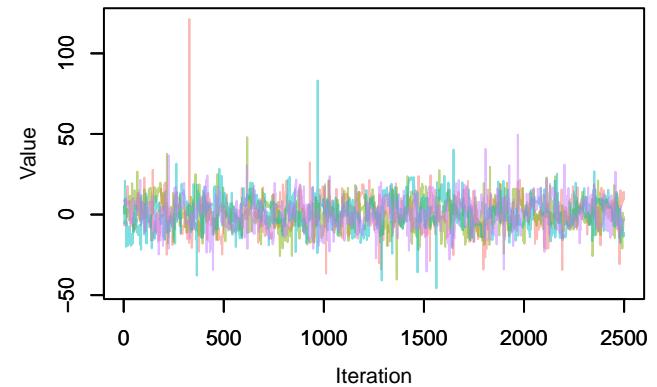
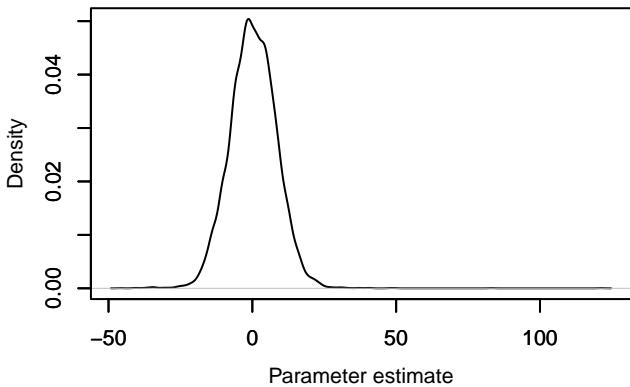
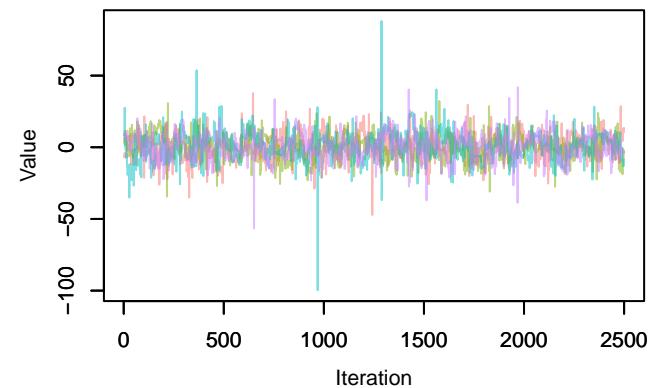
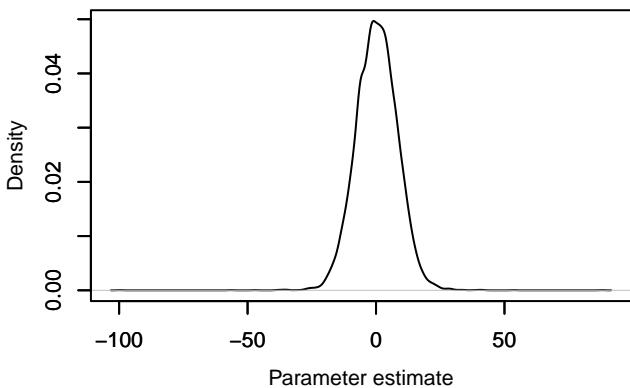
**Trace – b[58]****Density – b[58]****Trace – b[59]****Density – b[59]****Trace – b[60]****Density – b[60]**

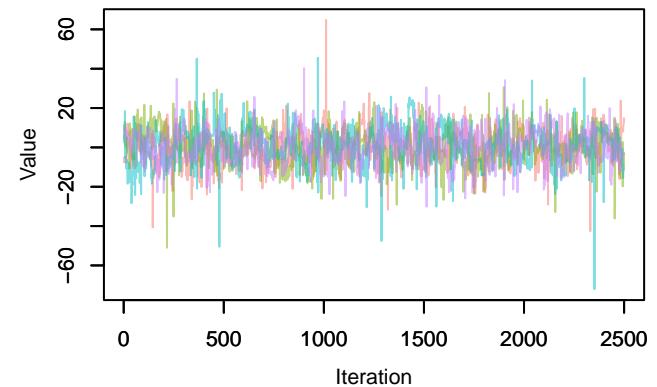
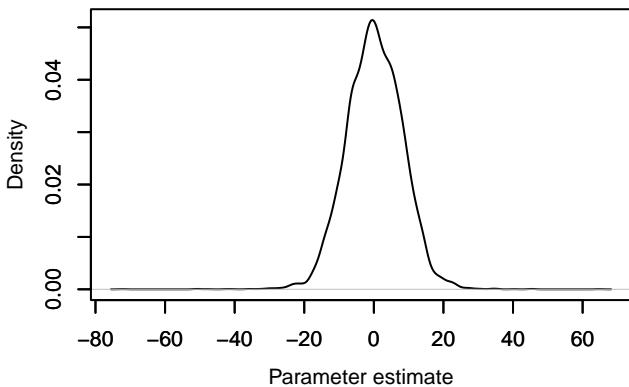
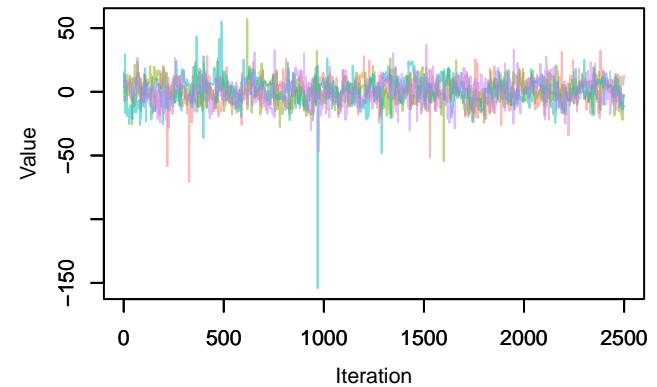
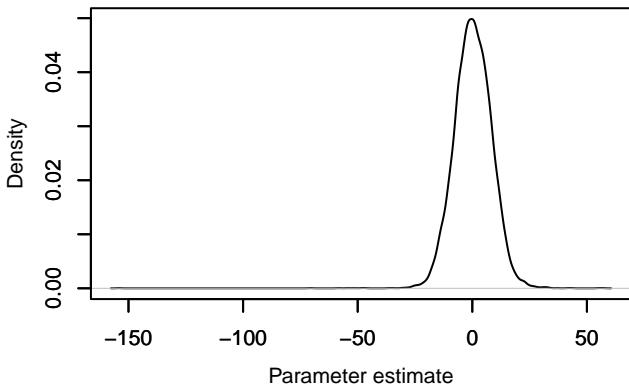
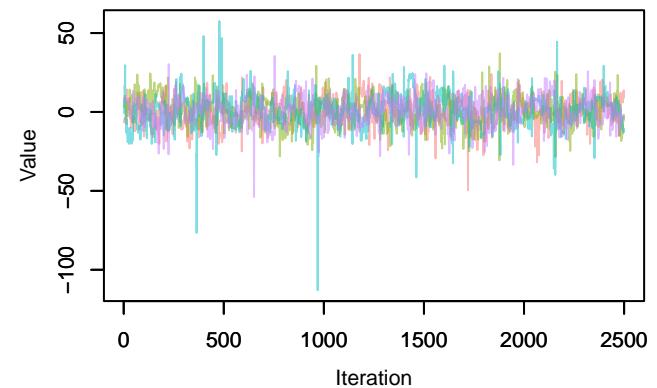
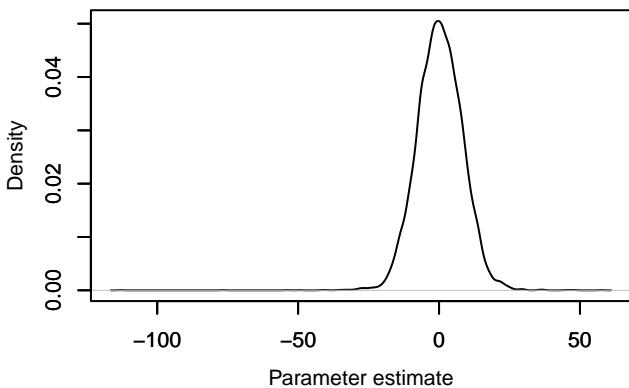
**Trace – b[61]****Density – b[61]****Trace – b[62]****Density – b[62]****Trace – b[63]****Density – b[63]**

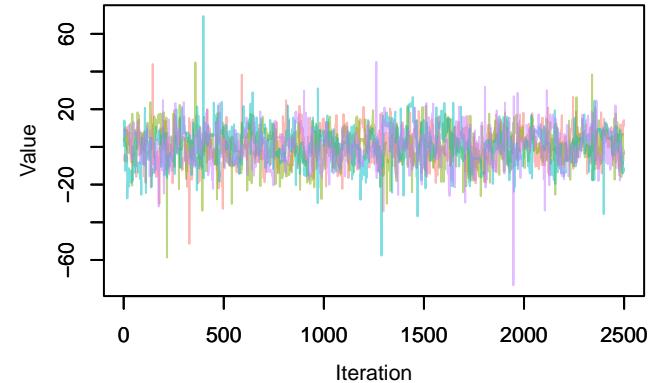
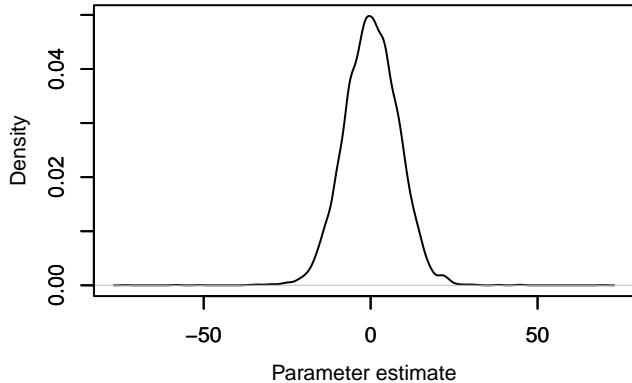
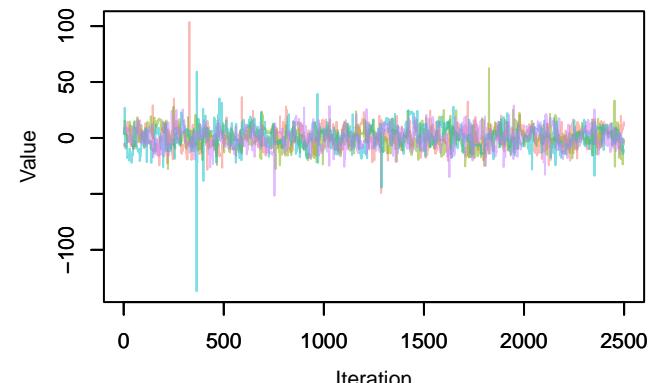
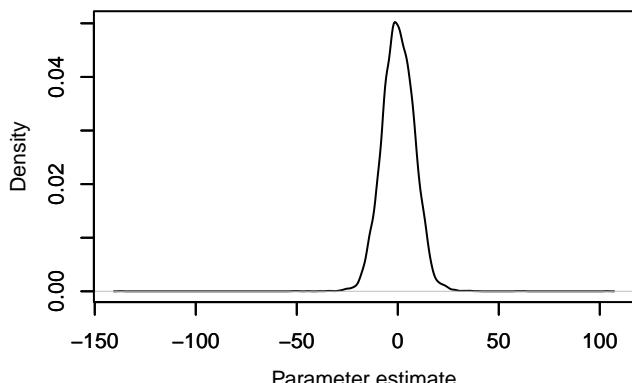
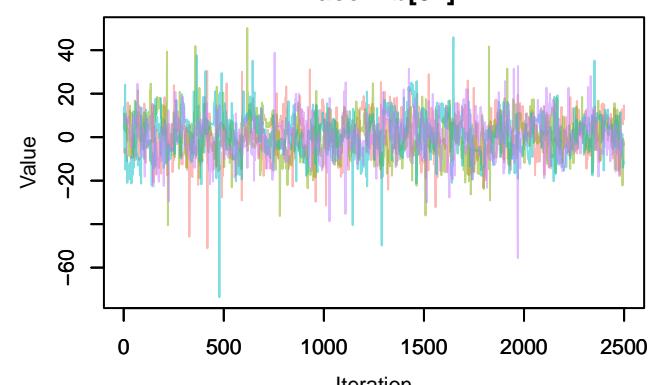
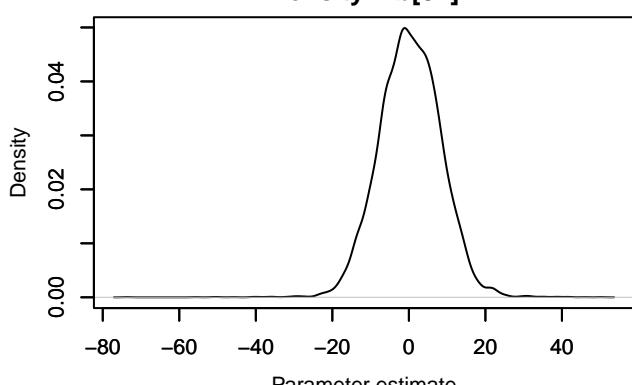
**Trace – b[64]****Density – b[64]****Trace – b[65]****Density – b[65]****Trace – b[66]****Density – b[66]**

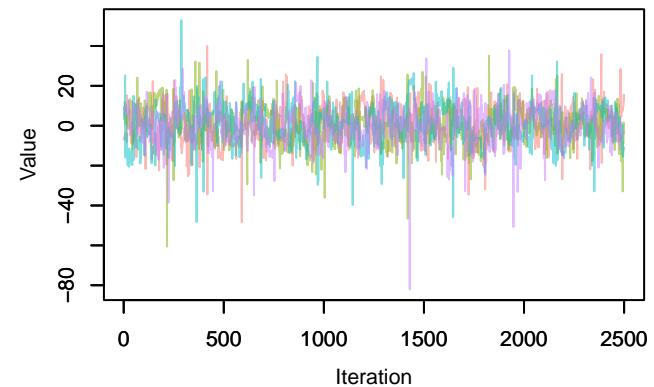
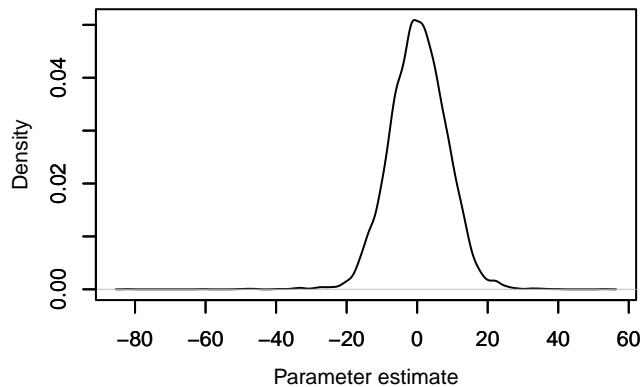
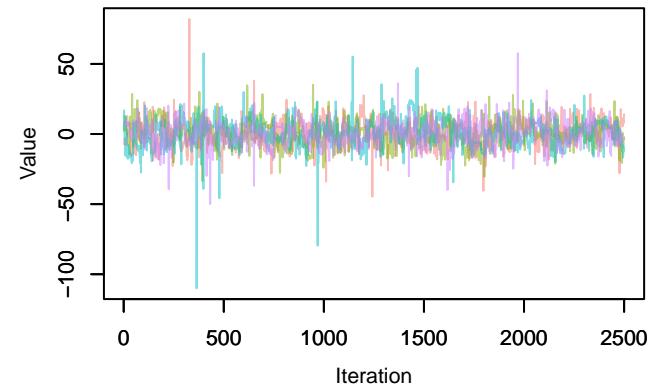
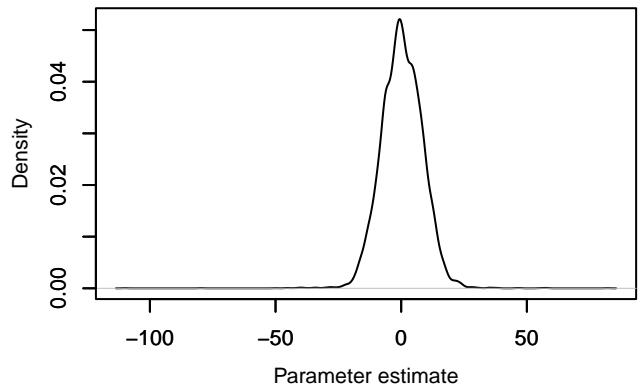
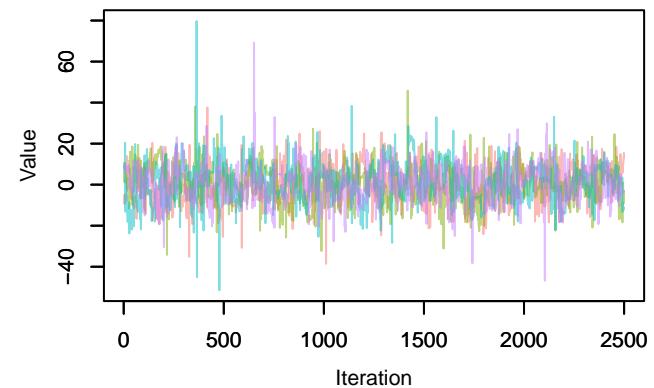
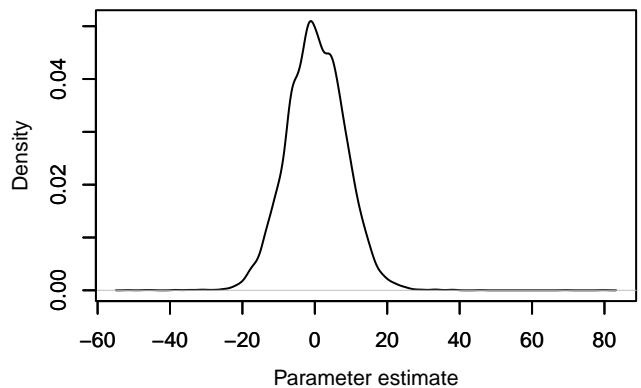
**Trace – b[67]****Density – b[67]****Trace – b[68]****Density – b[68]****Trace – b[69]****Density – b[69]**

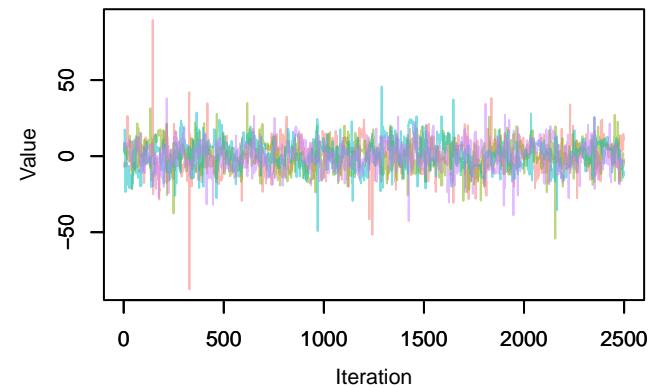
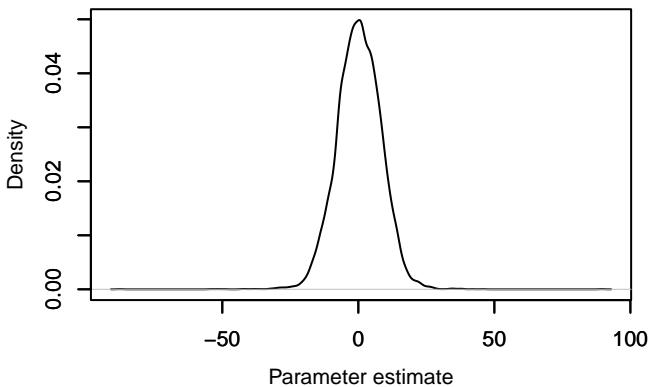
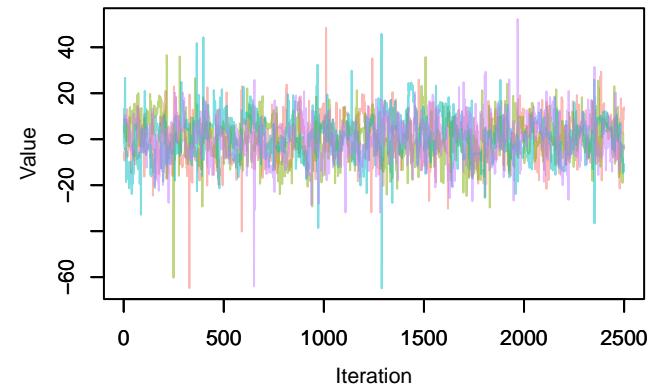
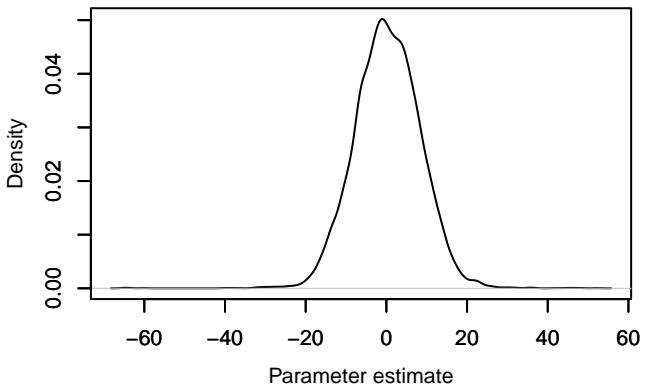
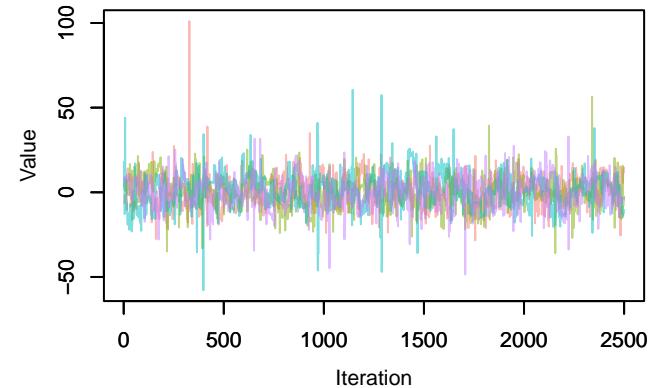
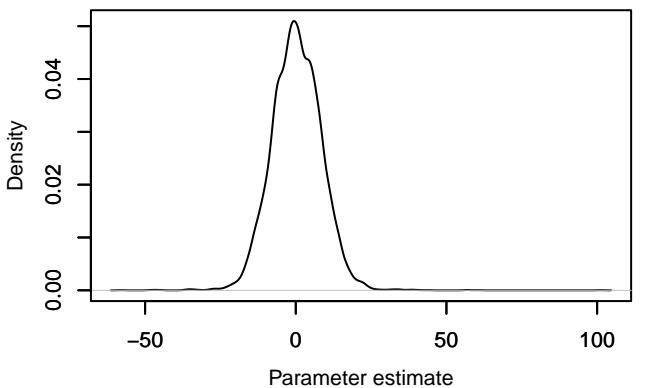
**Trace –  $b[70]$** **Density –  $b[70]$** **Trace –  $b[71]$** **Density –  $b[71]$** **Trace –  $b[72]$** **Density –  $b[72]$** 

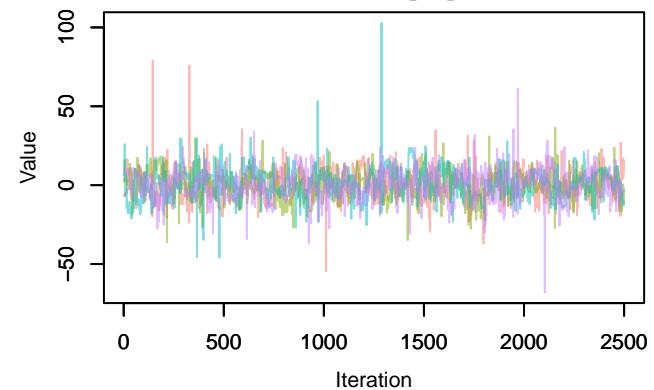
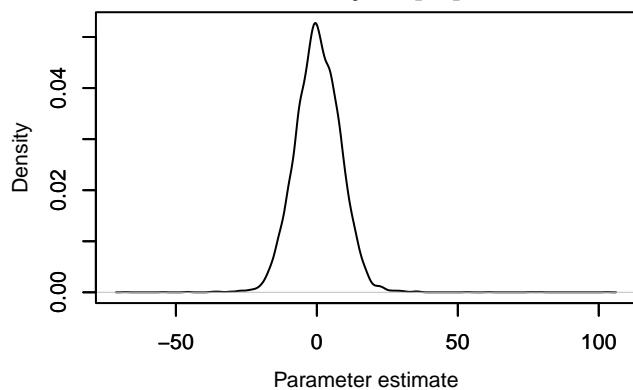
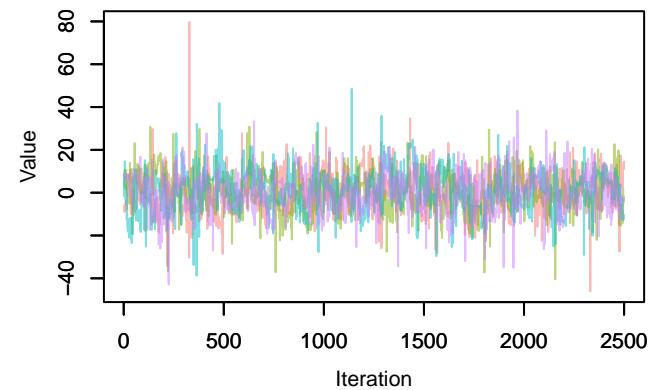
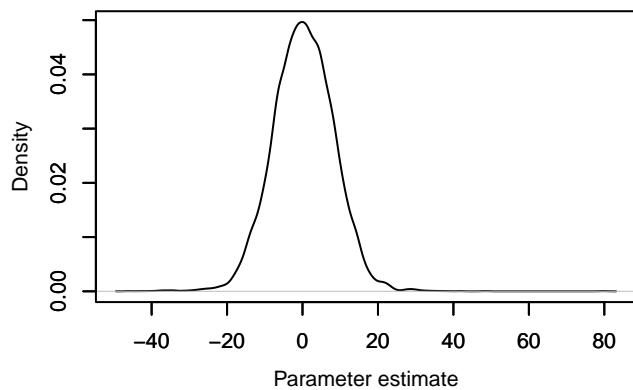
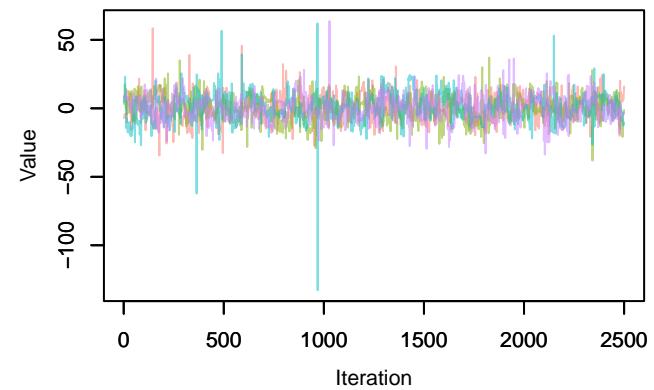
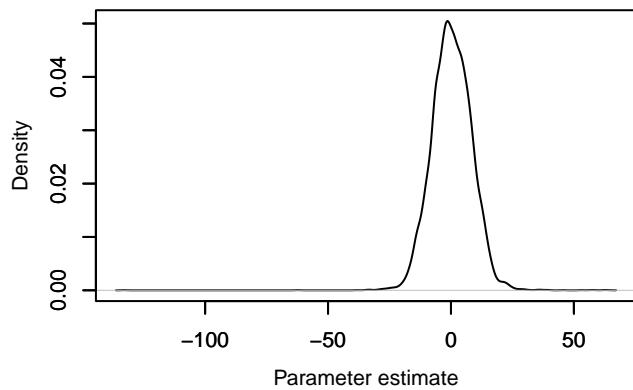
**Trace – b[73]****Density – b[73]****Trace – b[74]****Density – b[74]****Trace – b[75]****Density – b[75]**

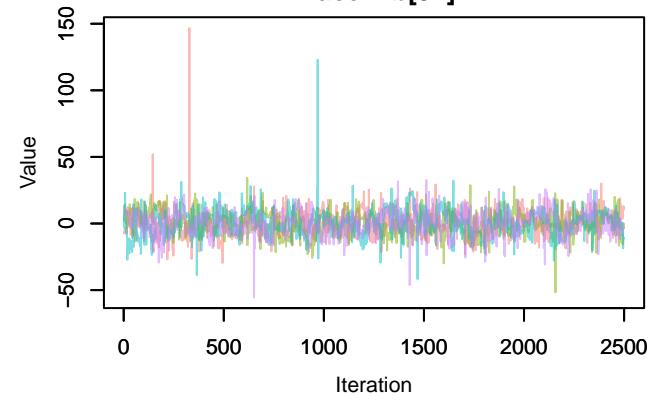
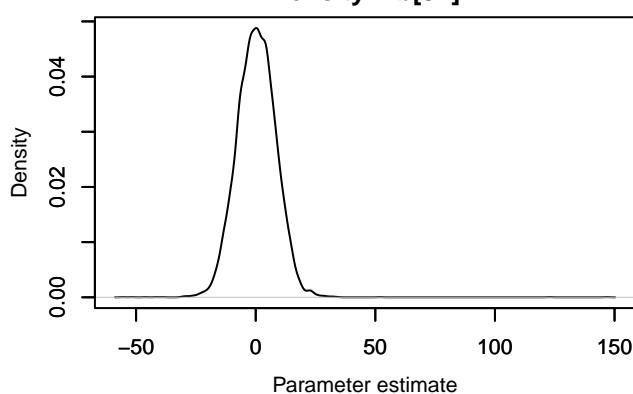
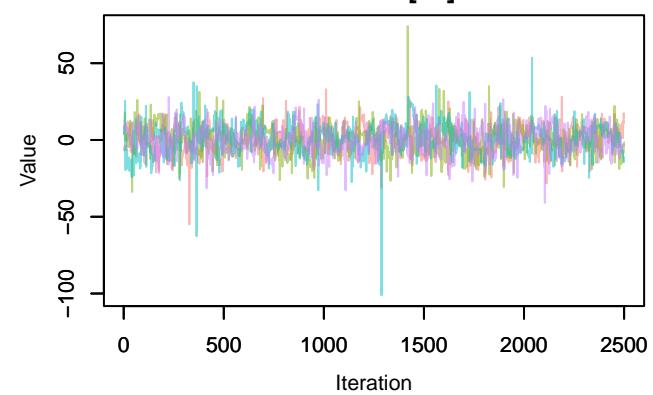
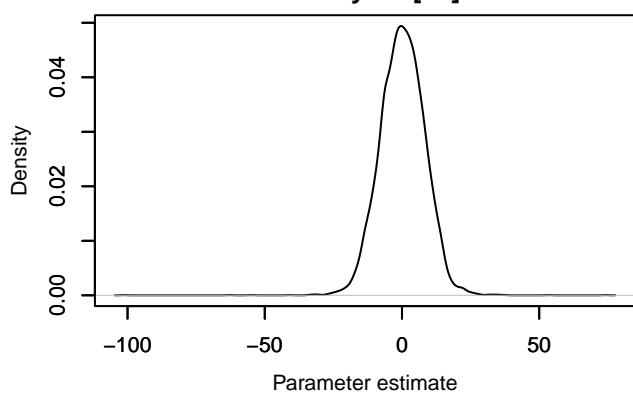
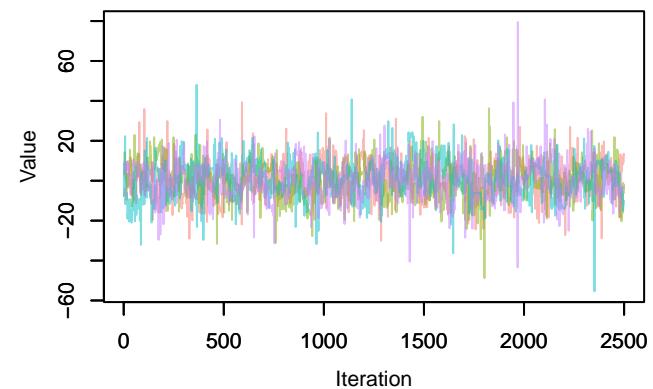
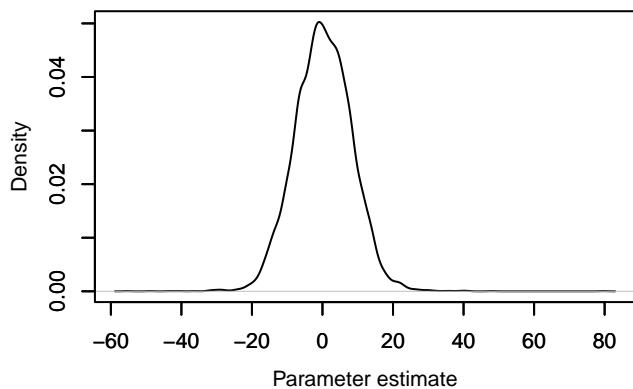
**Trace –  $b[76]$** **Density –  $b[76]$** **Trace –  $b[77]$** **Density –  $b[77]$** **Trace –  $b[78]$** **Density –  $b[78]$** 

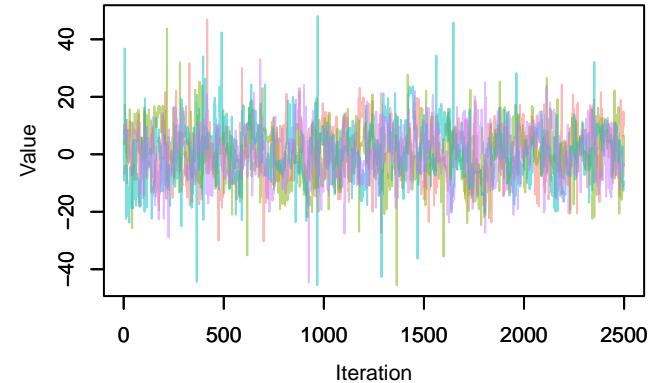
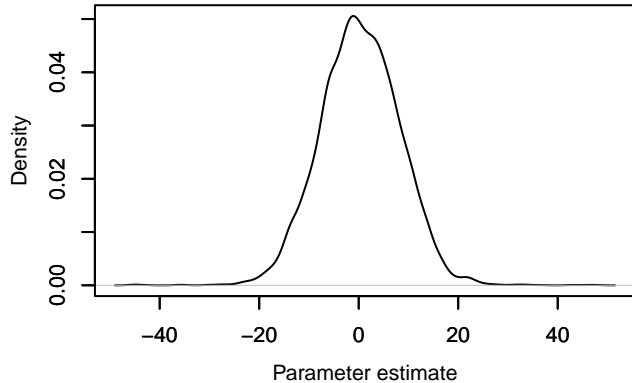
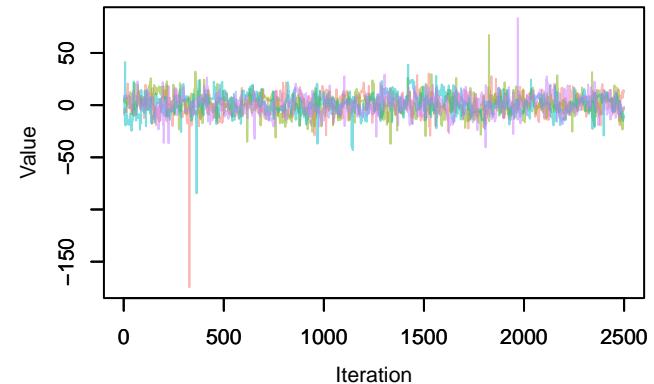
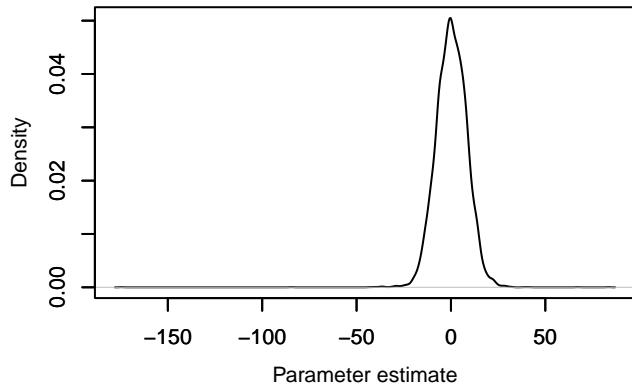
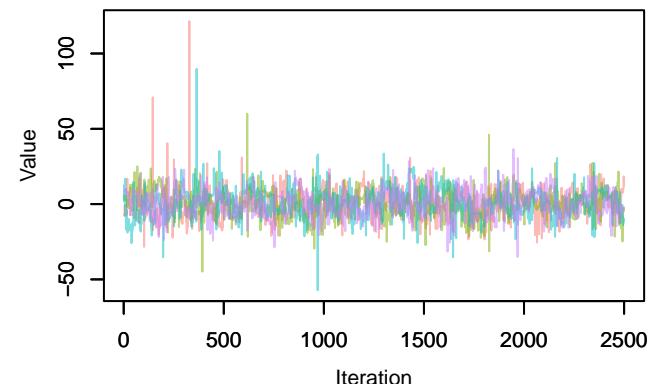
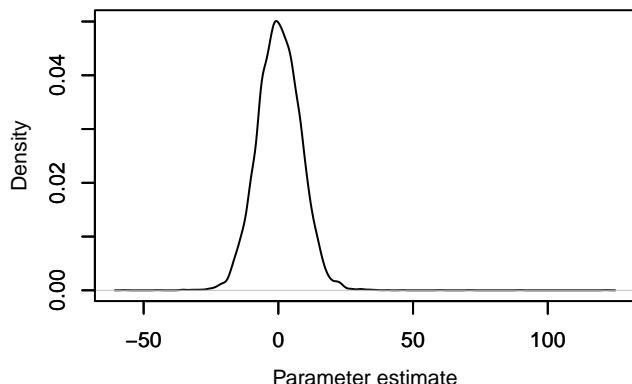
**Trace –  $b[79]$** **Density –  $b[79]$** **Trace –  $b[80]$** **Density –  $b[80]$** **Trace –  $b[81]$** **Density –  $b[81]$** 

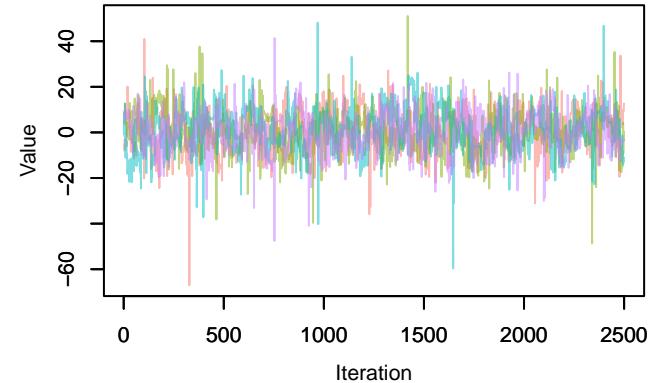
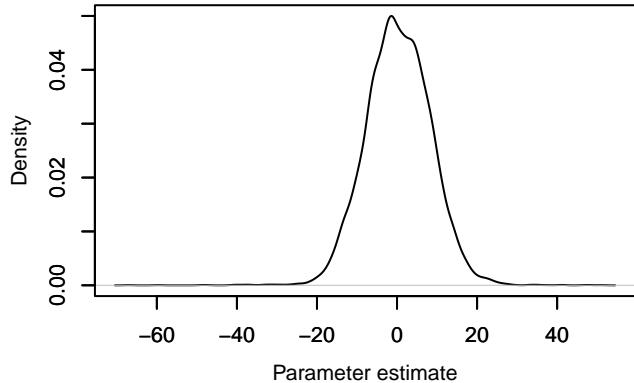
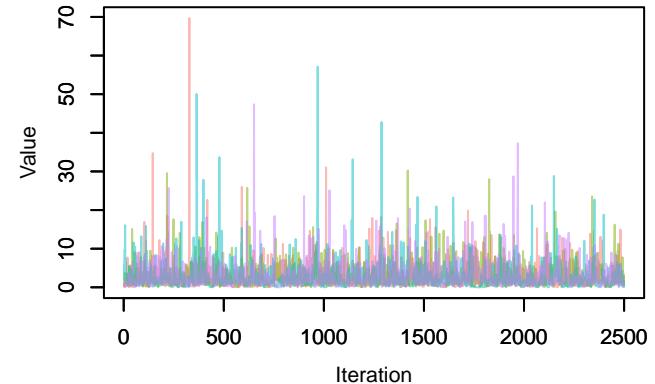
**Trace – b[82]****Density – b[82]****Trace – b[83]****Density – b[83]****Trace – b[84]****Density – b[84]**

**Trace –  $b[85]$** **Density –  $b[85]$** **Trace –  $b[86]$** **Density –  $b[86]$** **Trace –  $b[87]$** **Density –  $b[87]$** 

**Trace – b[88]****Density – b[88]****Trace – b[89]****Density – b[89]****Trace – b[90]****Density – b[90]**

**Trace – b[91]****Density – b[91]****Trace – b[92]****Density – b[92]****Trace – b[93]****Density – b[93]**

**Trace – b[94]****Density – b[94]****Trace – b[95]****Density – b[95]****Trace – b[96]****Density – b[96]**

**Trace – b[97]****Density – b[97]****Trace – sd\_b****Density – sd\_b**