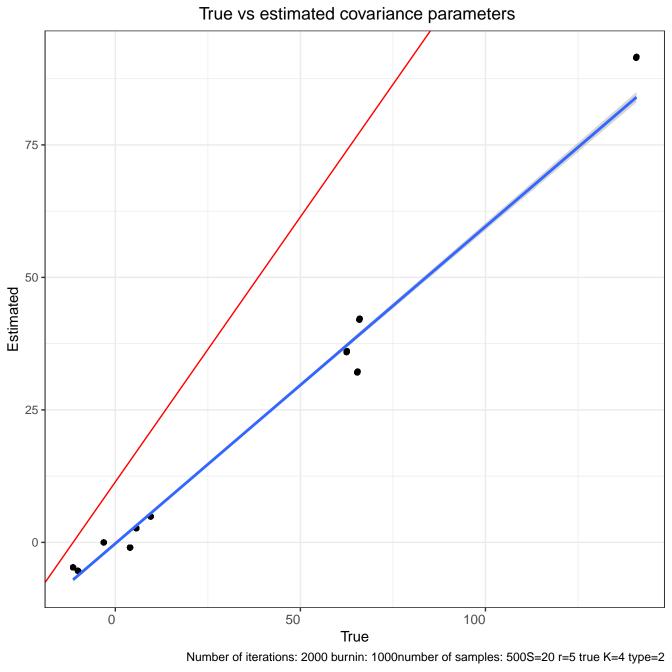
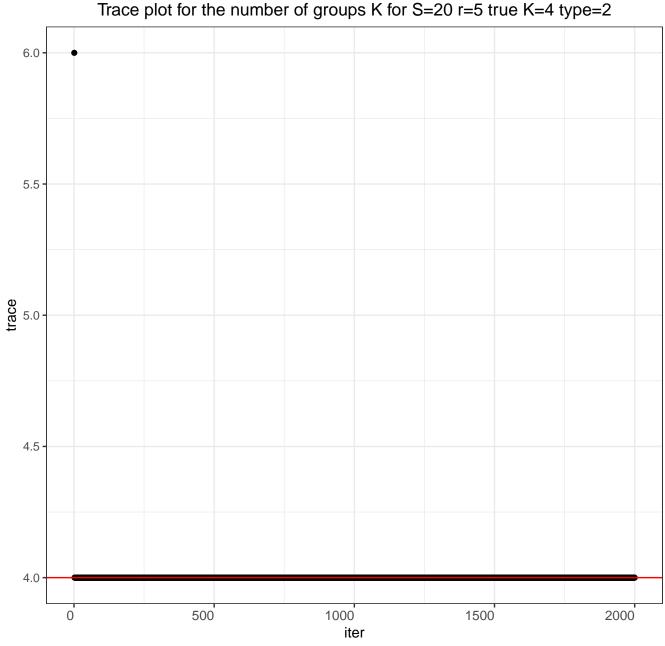
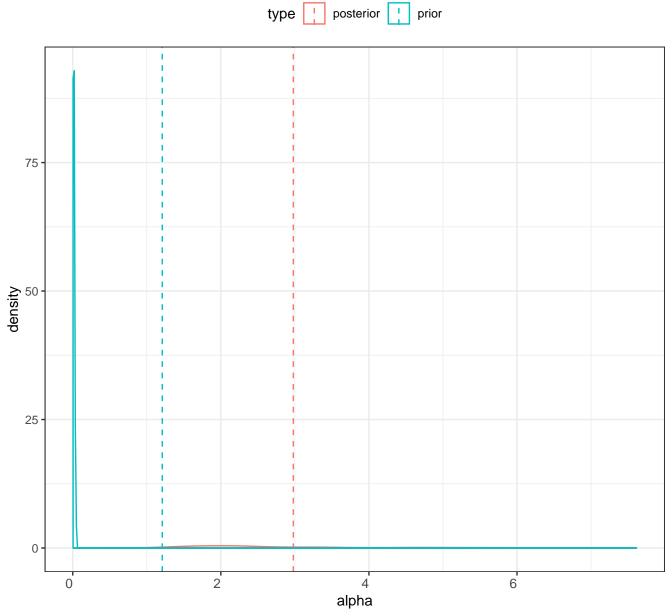
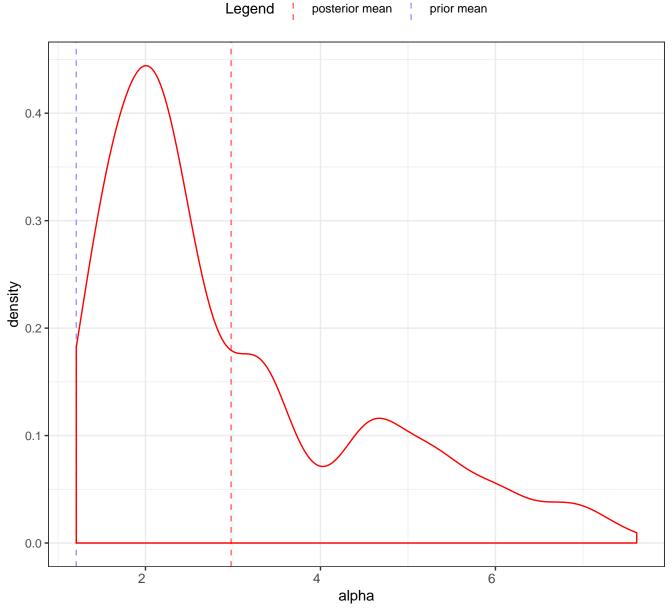


Weights for the case: S=20 ,r=5 true gr K=4 ,type=2 ,N=150 pN=0.001 0.2 ă 0.1 0.0 50 100 150 tr

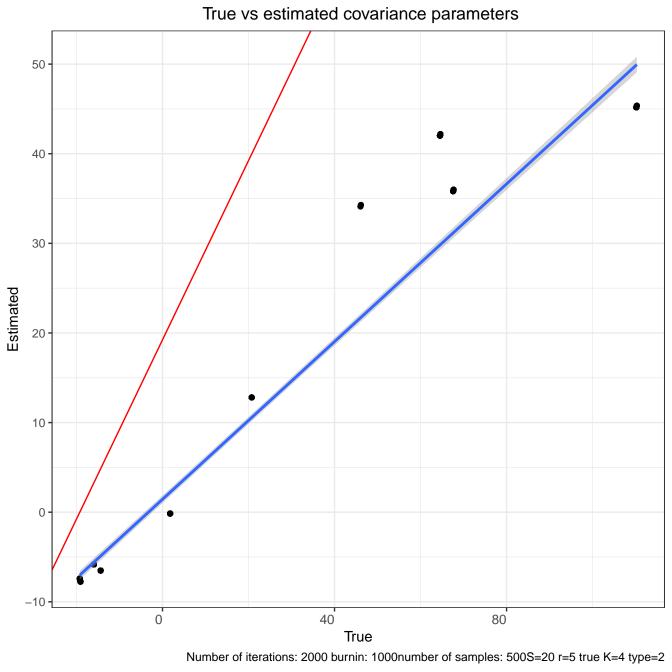


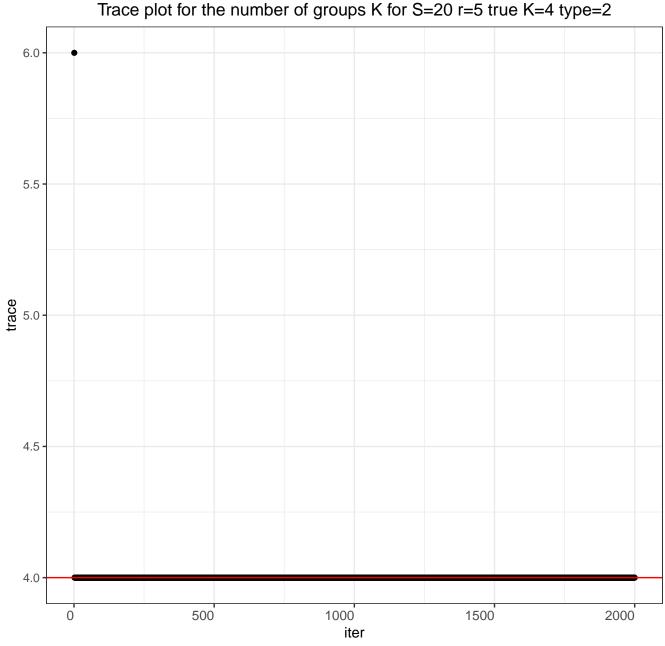


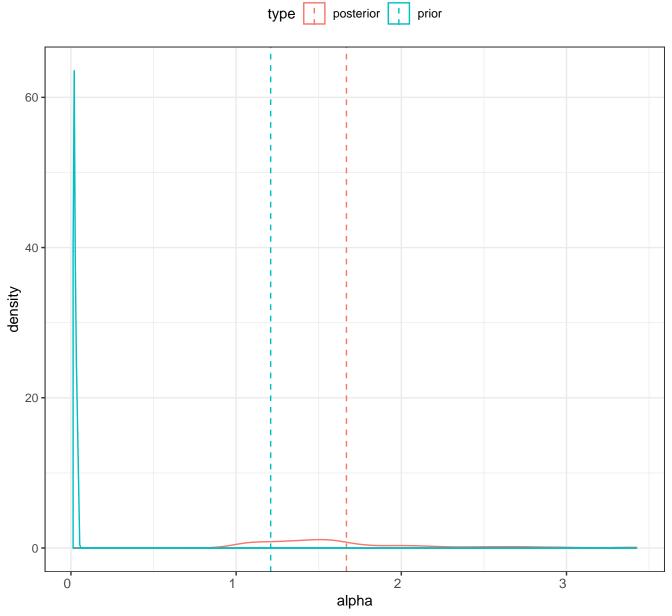


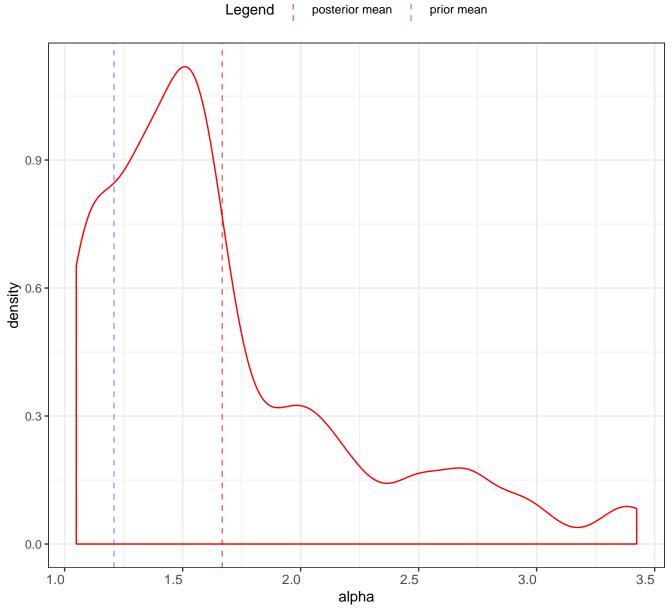


Weights for the case: S=20 ,r=5 true gr K=4 ,type=2 ,N=150 pN=0.001 0.3 0.2 -0.1 0.0 50 100 150 tr

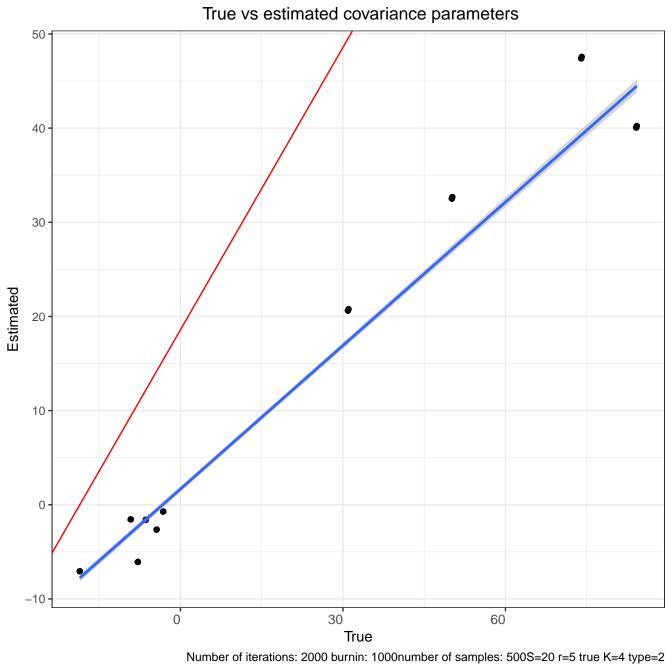


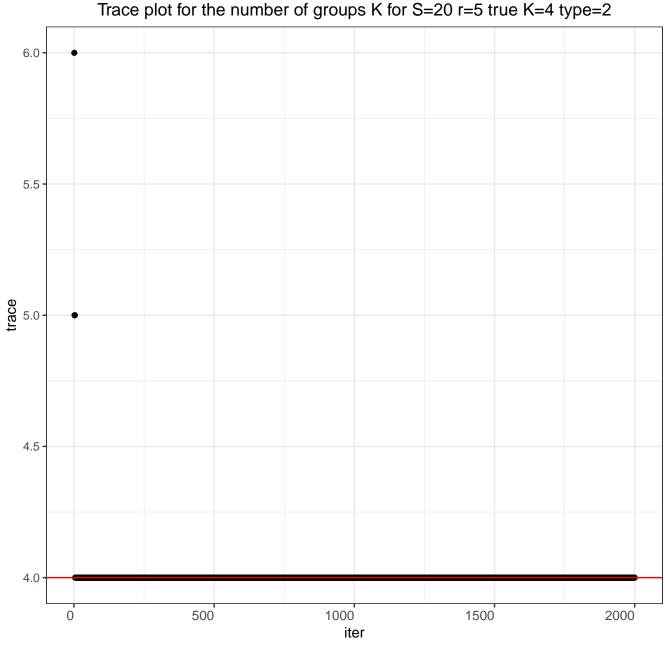


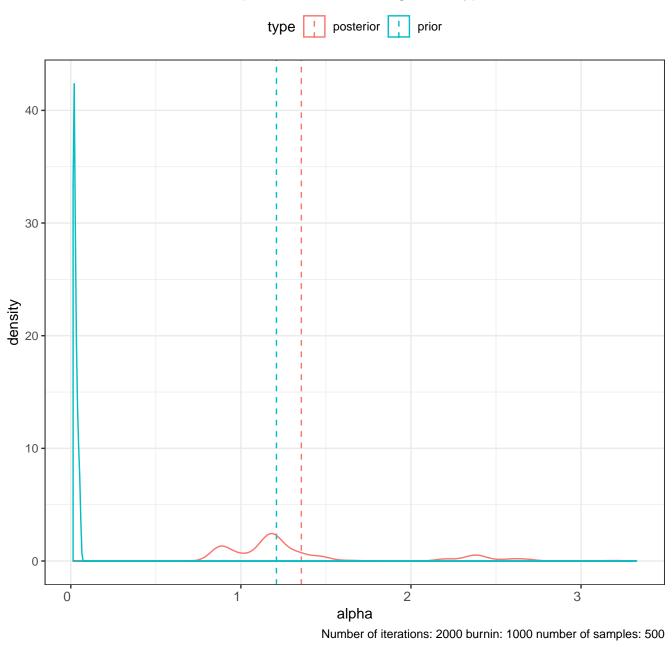


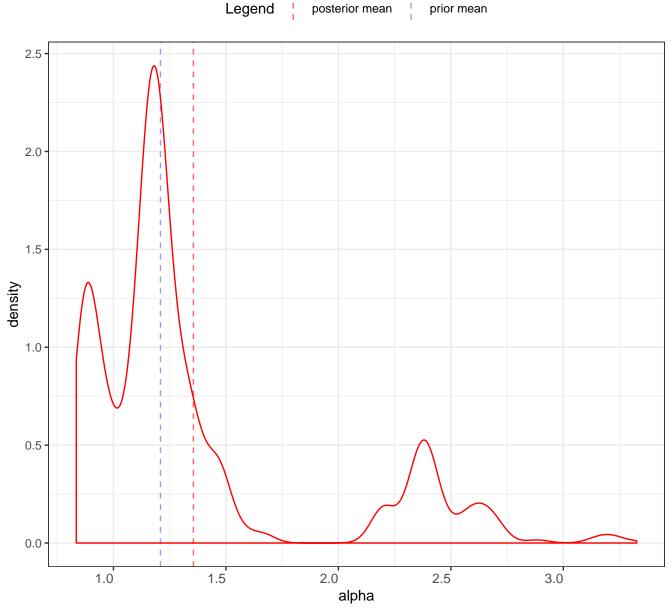


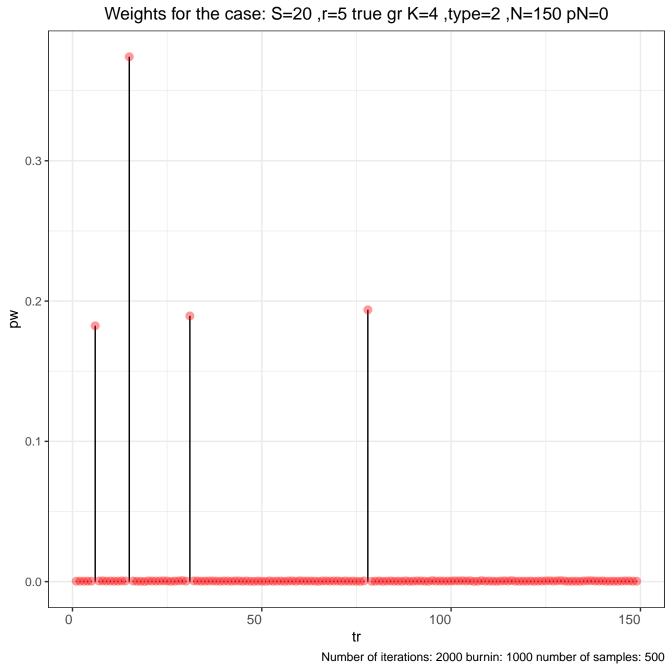
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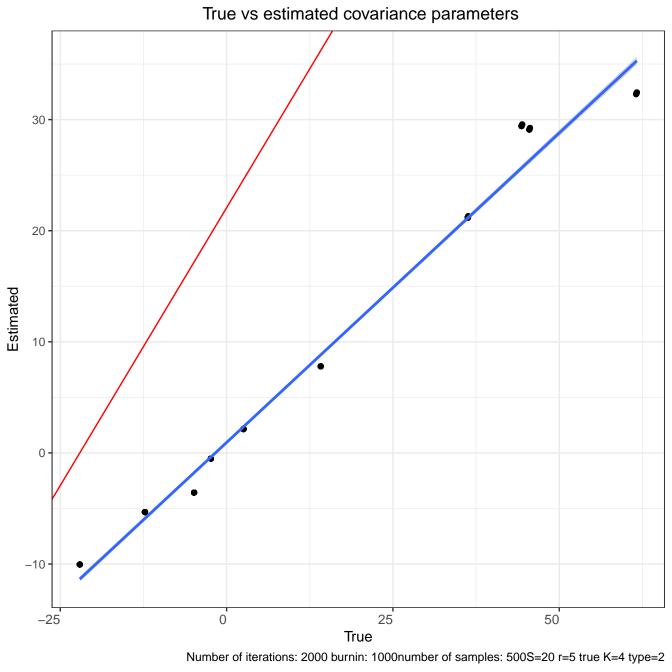


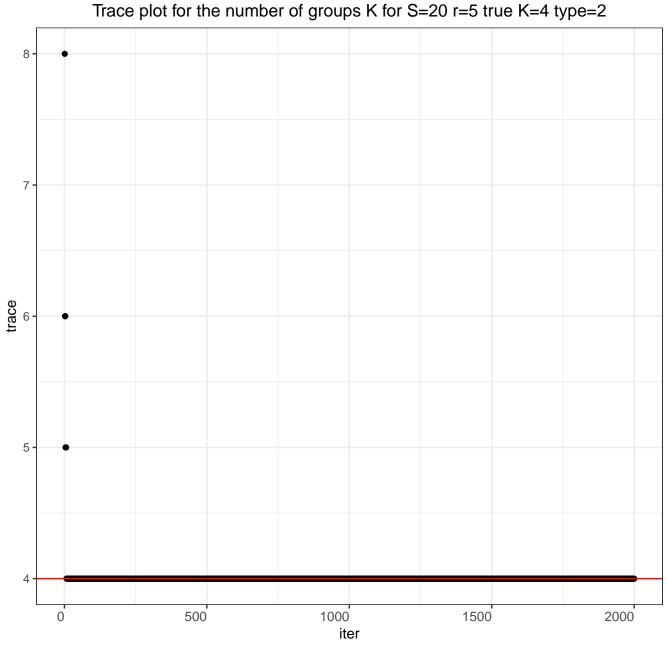


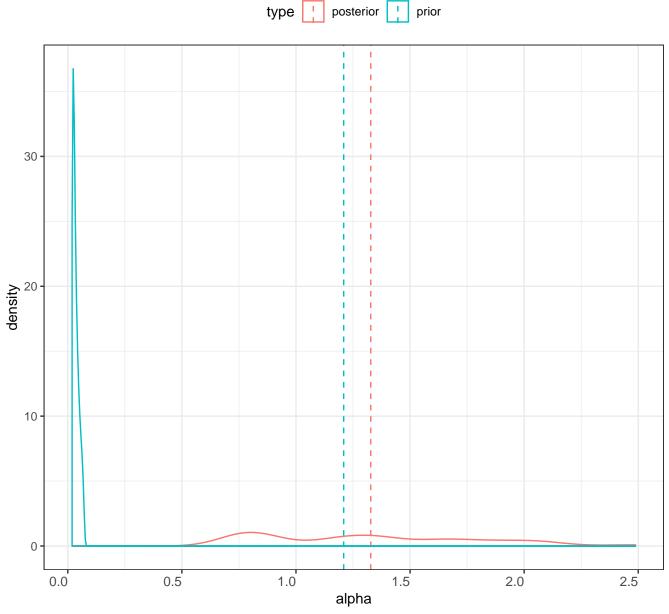


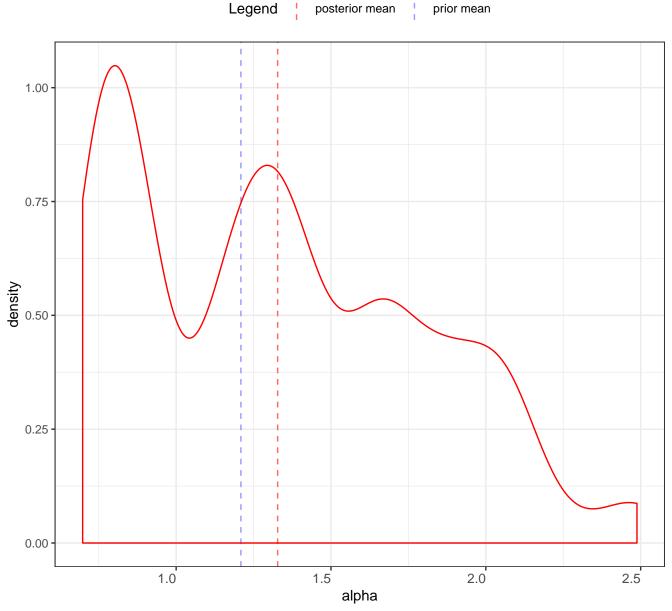


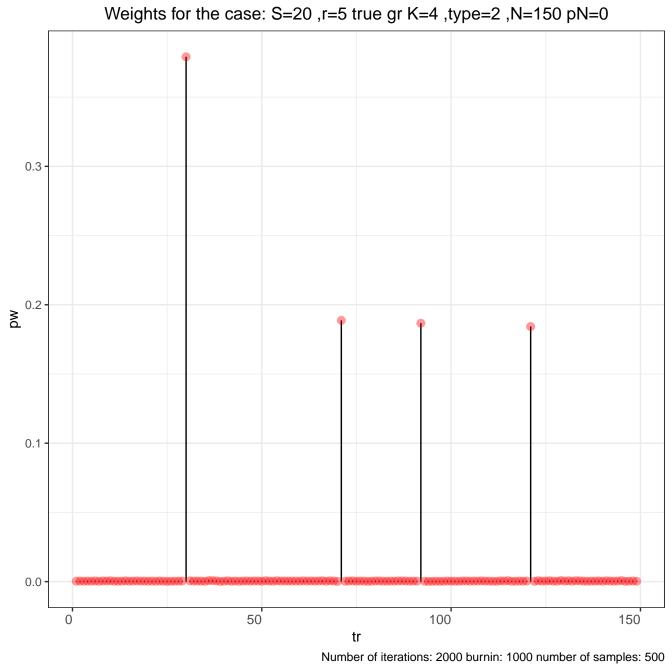


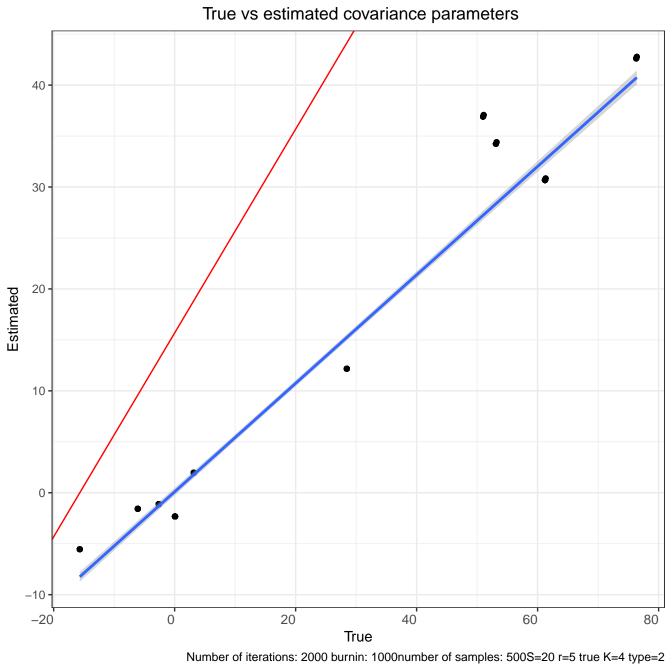


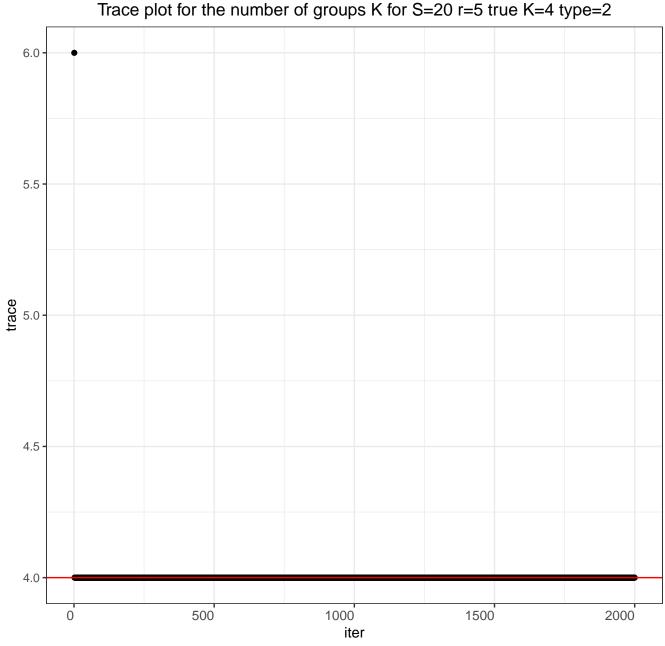


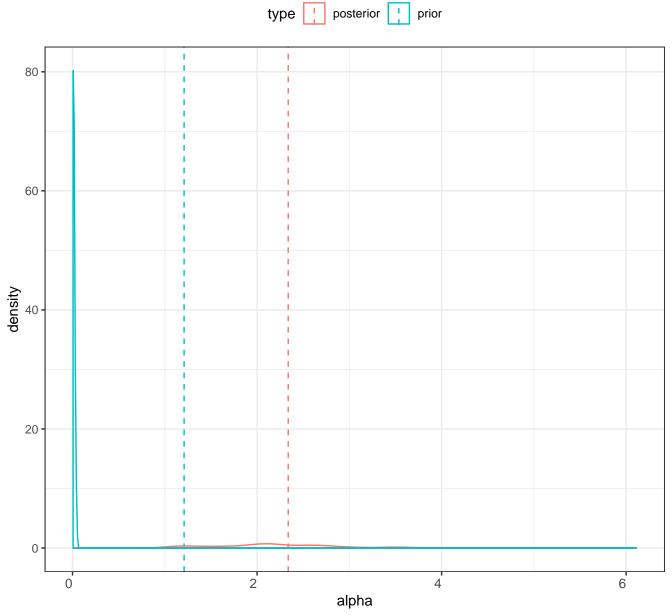


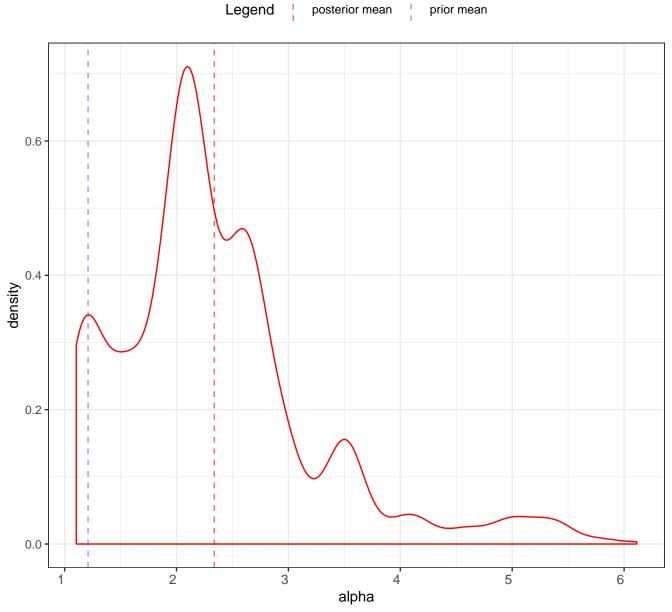




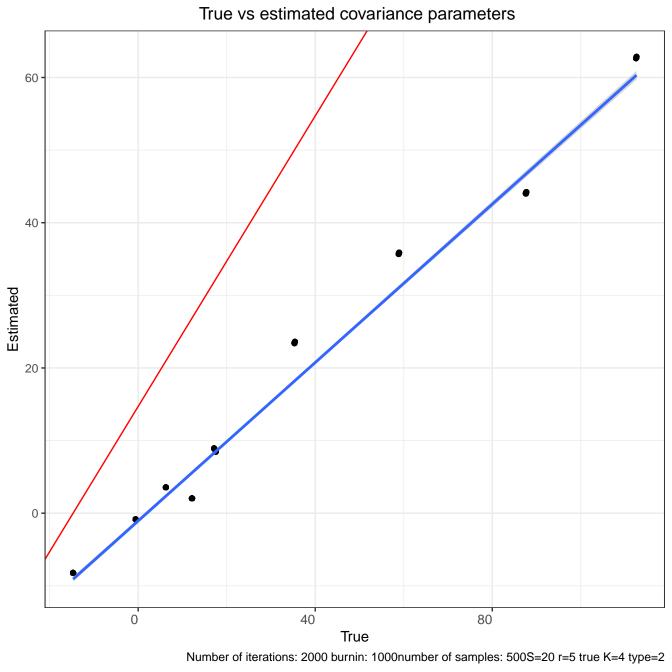


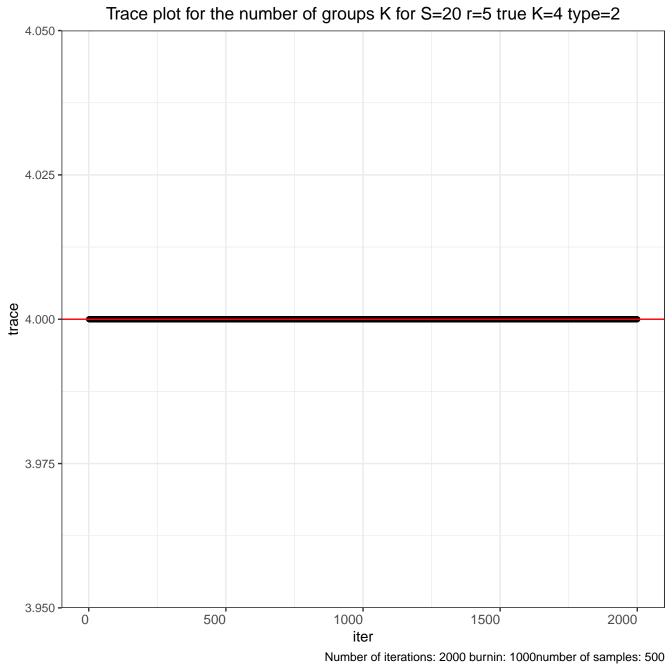


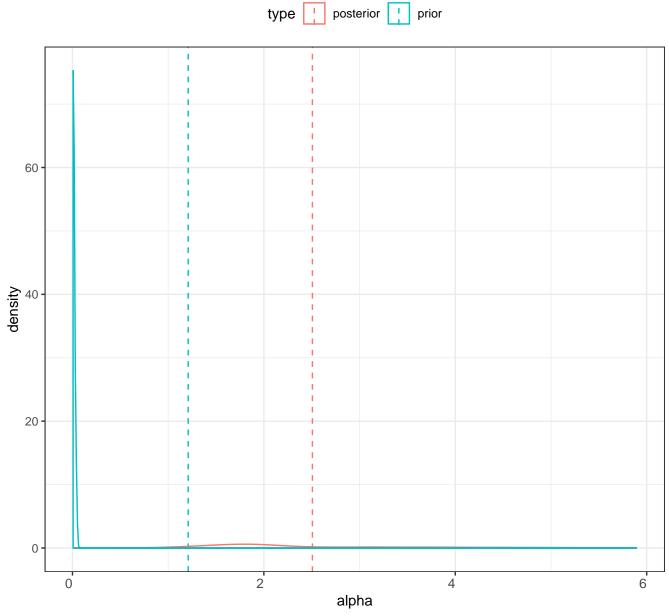


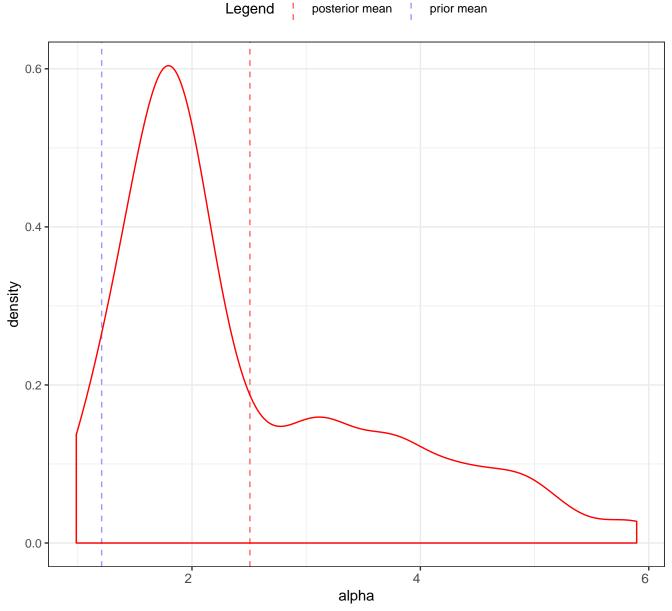


Weights for the case: S=20, r=5 true gr K=4, type=2, N=150 pN=0.001 0.3 0.2 ă 0.1 0.0 50 100 150 tr

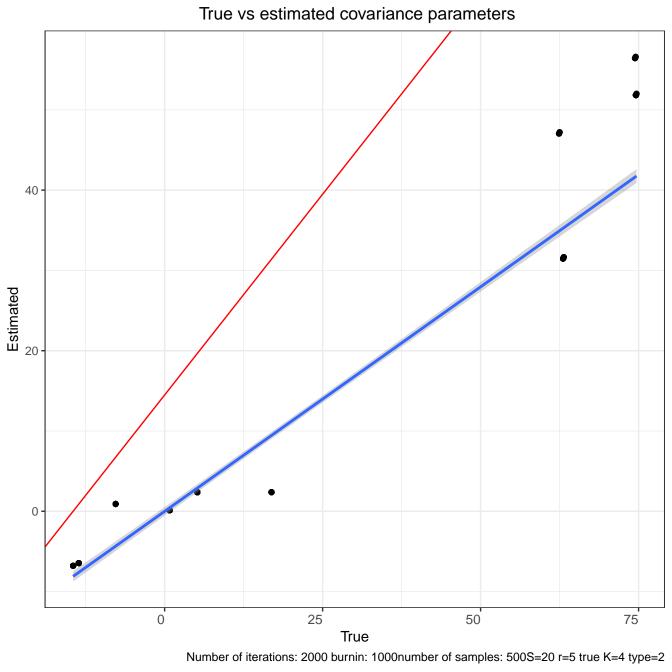


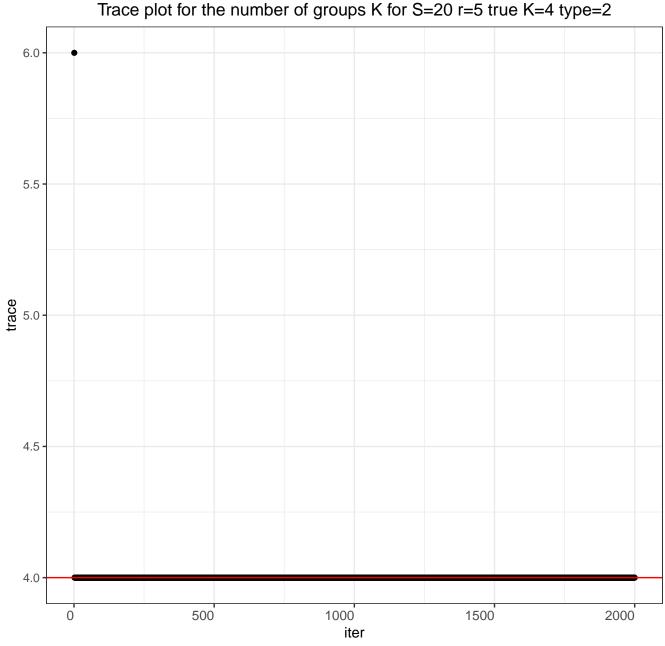




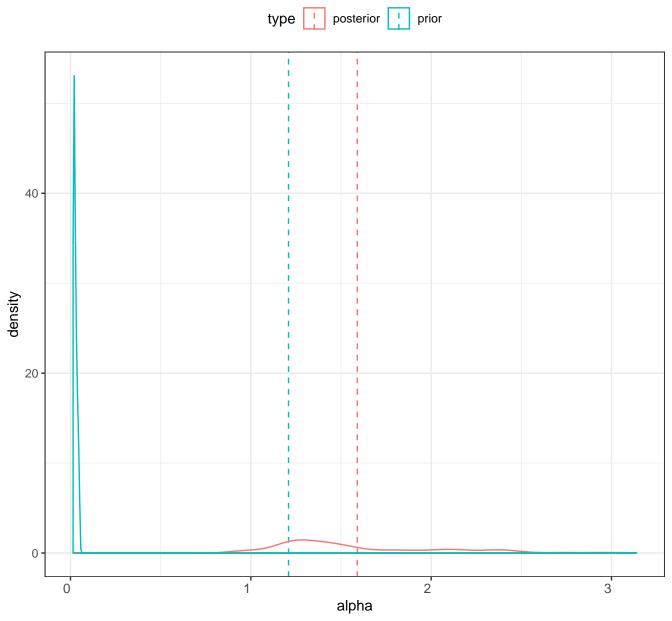


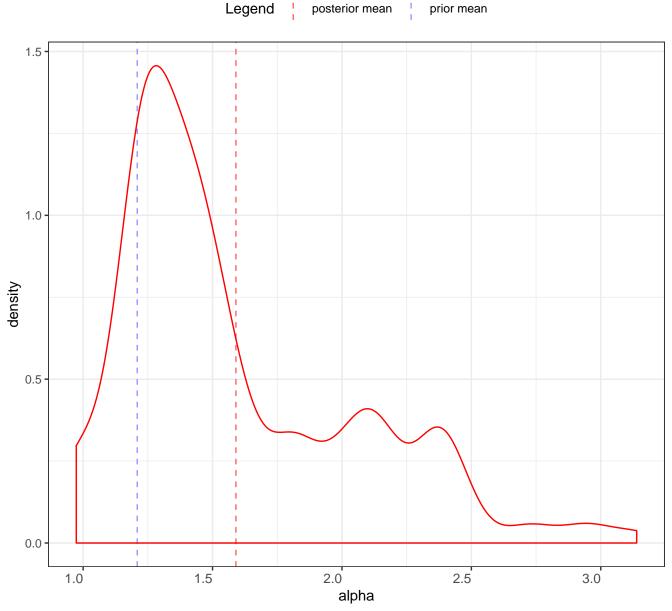
Weights for the case: S=20 ,r=5 true gr K=4 ,type=2 ,N=150 pN=0.001 0.4 0.3 δ 0.2 0.1 0.0 50 100 150 0 tr



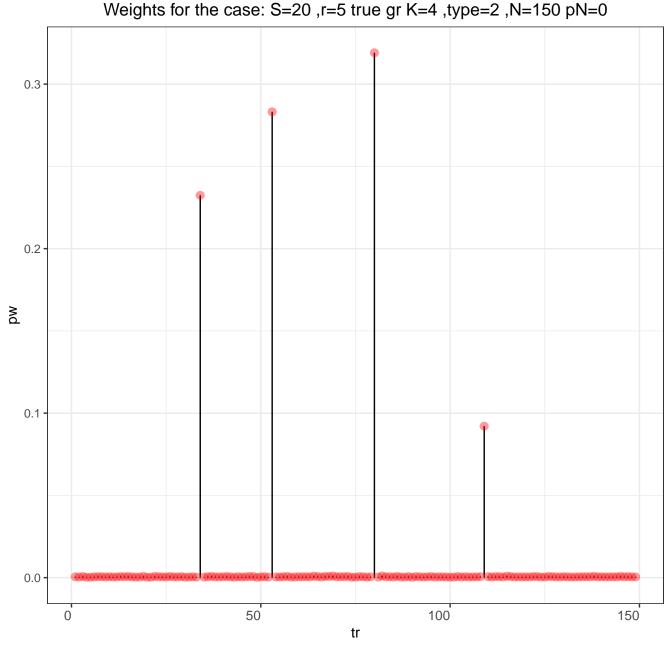


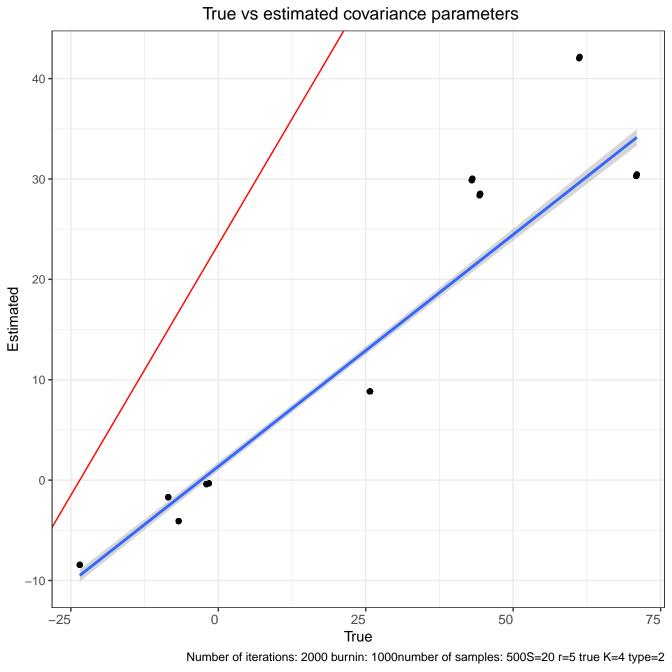
Distribution alpha: S=20 ,r=5 true gr K=4 ,type=2 ,N=150





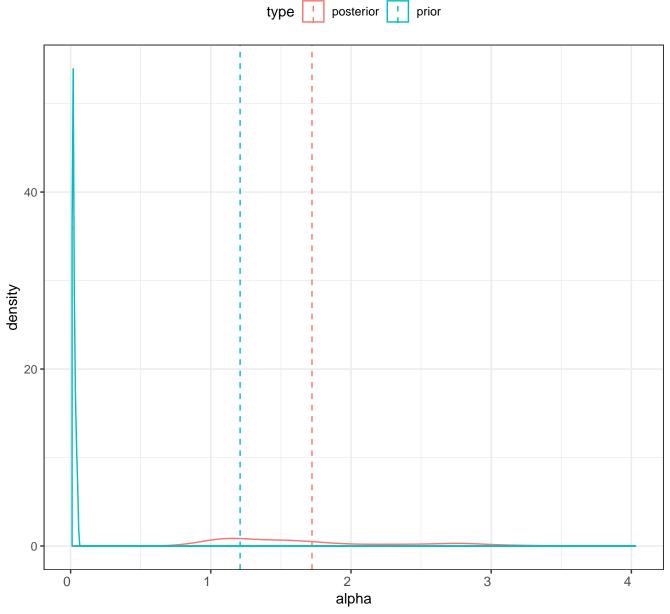
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=2 ,N=150

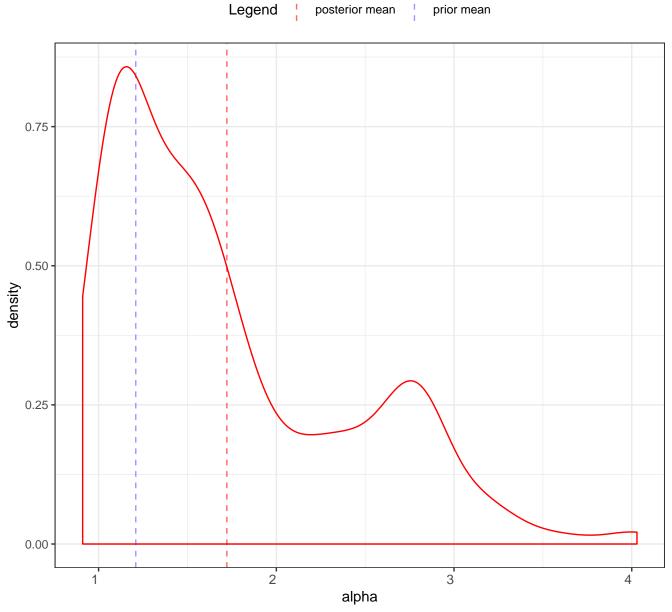




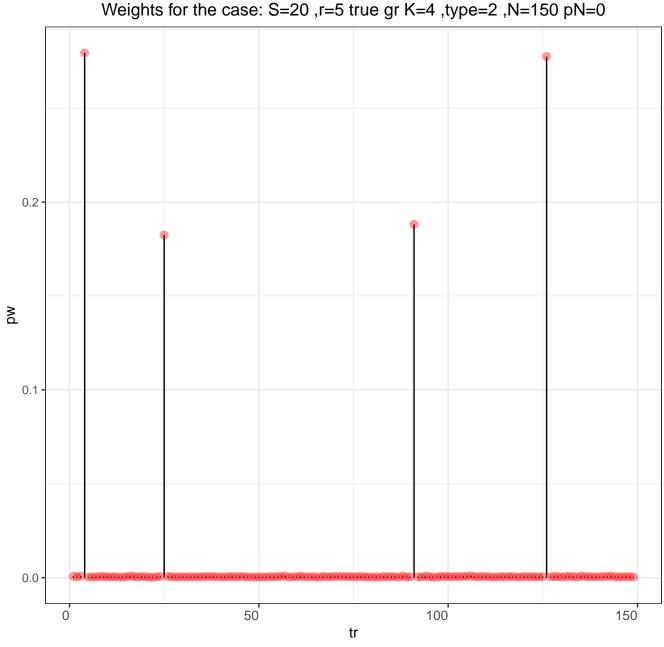
Trace plot for the number of groups K for S=20 r=5 true K=4 type=2 6 trace 5 500 1000 1500 2000 iter

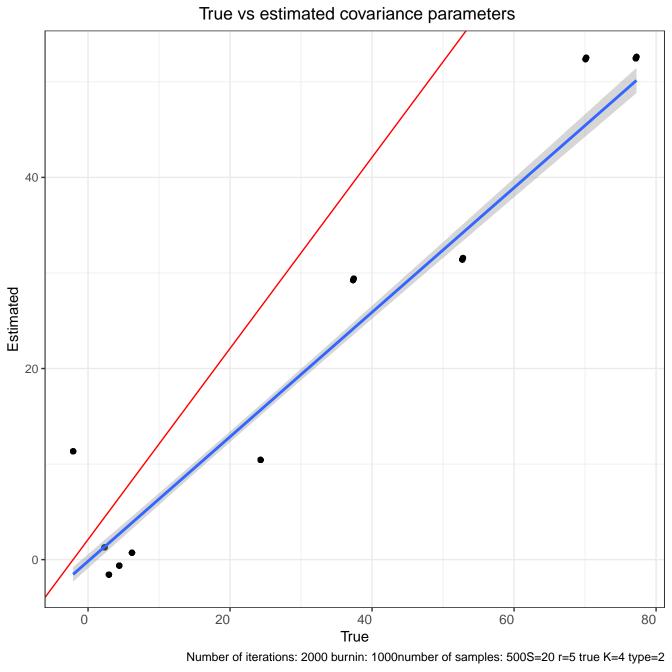
Distribution alpha: S=20 ,r=5 true gr K=4 ,type=2 ,N=150

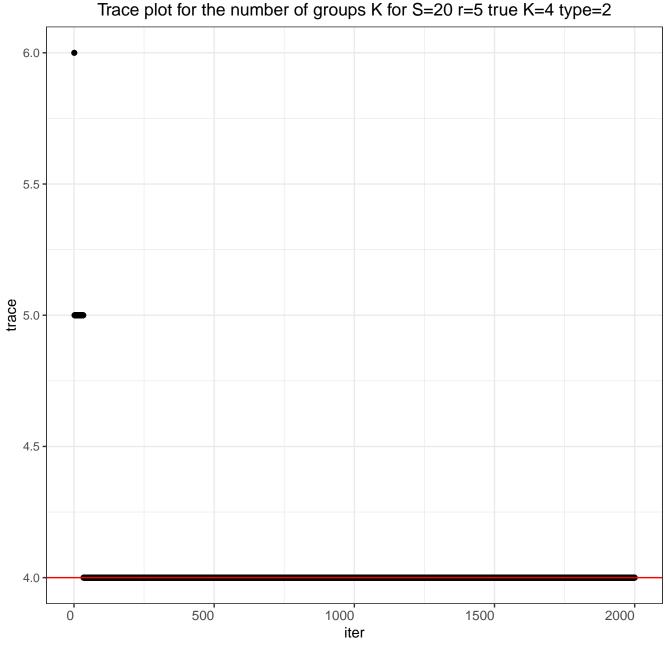




Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=2 ,N=150







Distribution alpha: S=20 ,r=5 true gr K=4 ,type=2 ,N=150

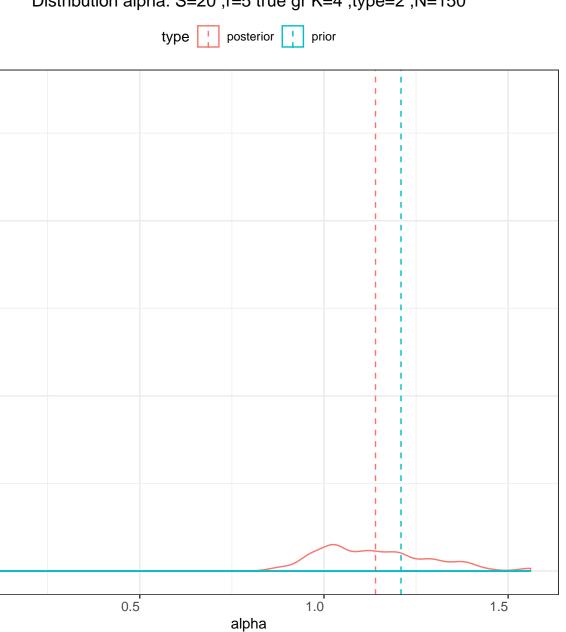
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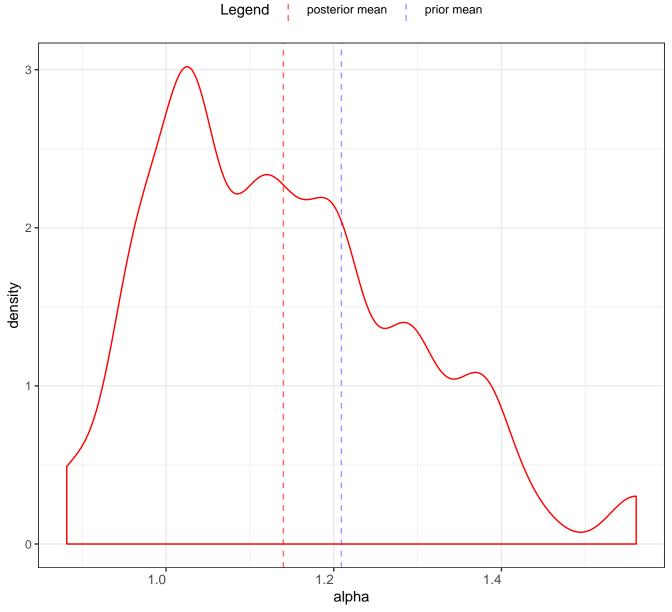
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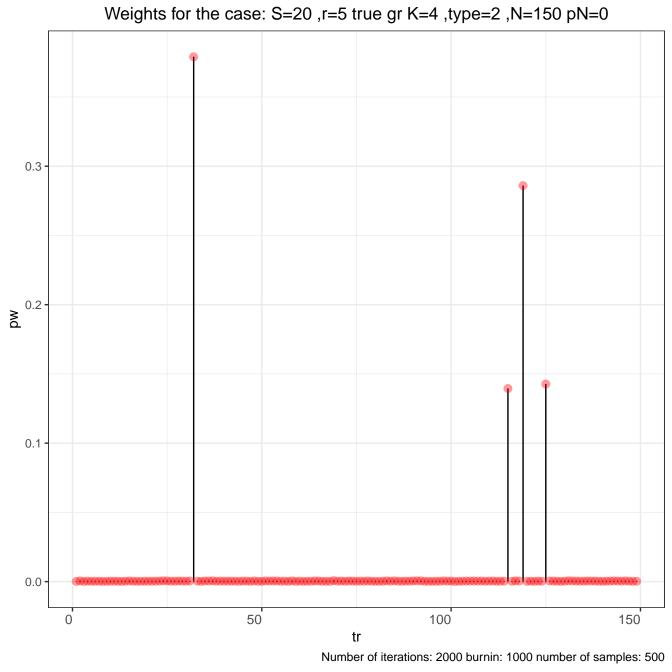
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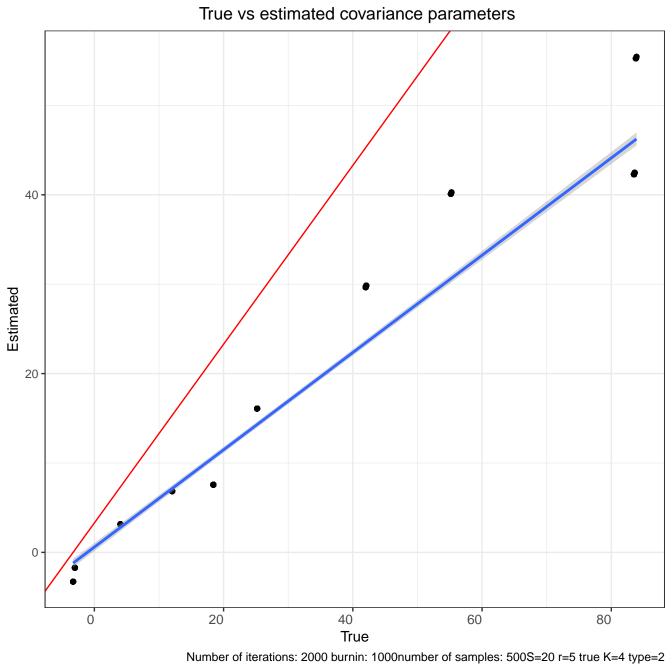
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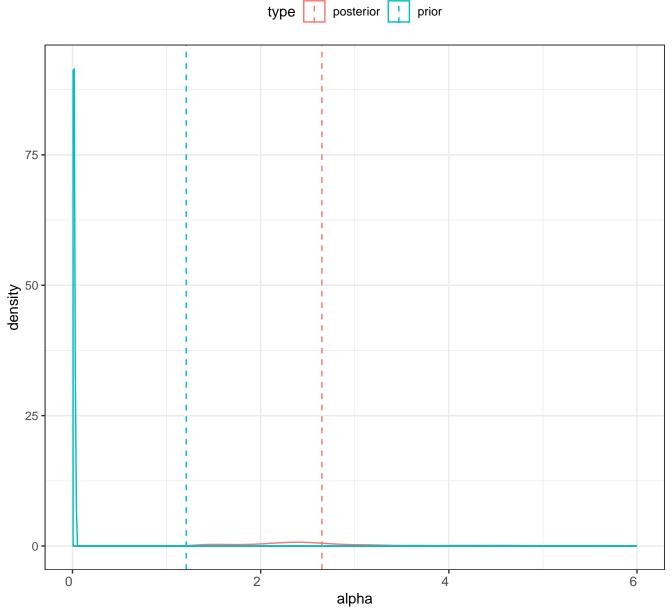
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=2 ,N=150

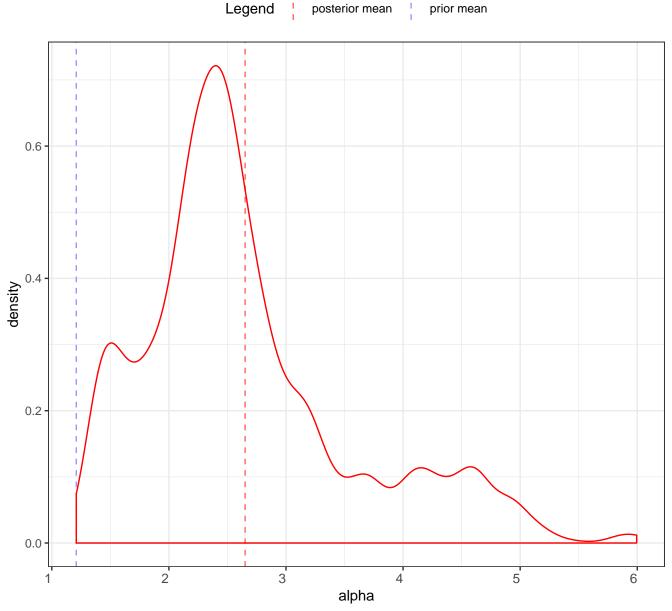




Trace plot for the number of groups K for S=20 r=10 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

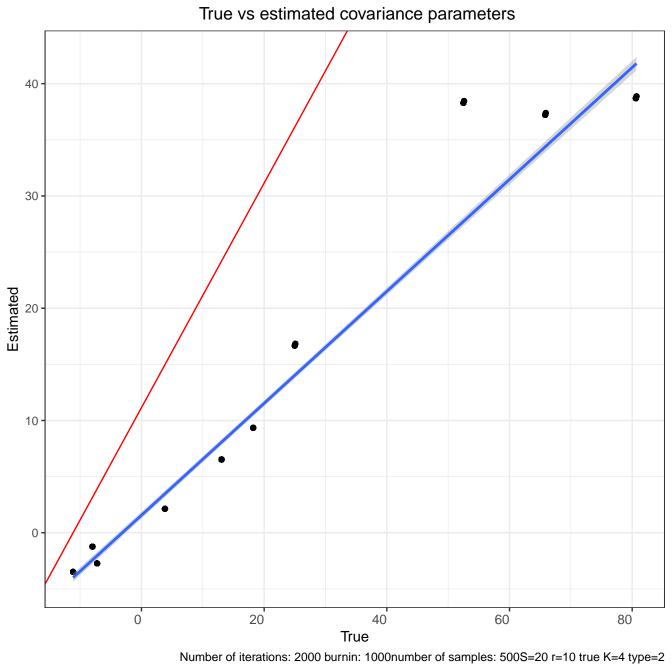
Distribution alpha: S=20 ,r=10 true gr K=4 ,type=2 ,N=150





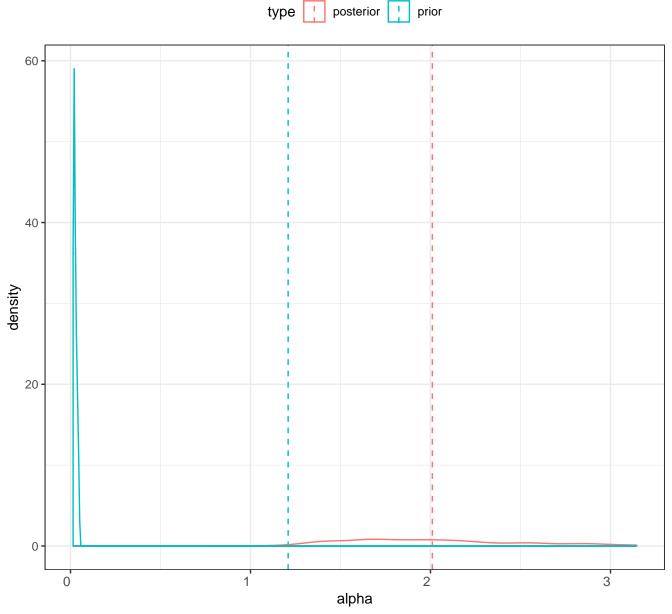
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=2 ,N=150

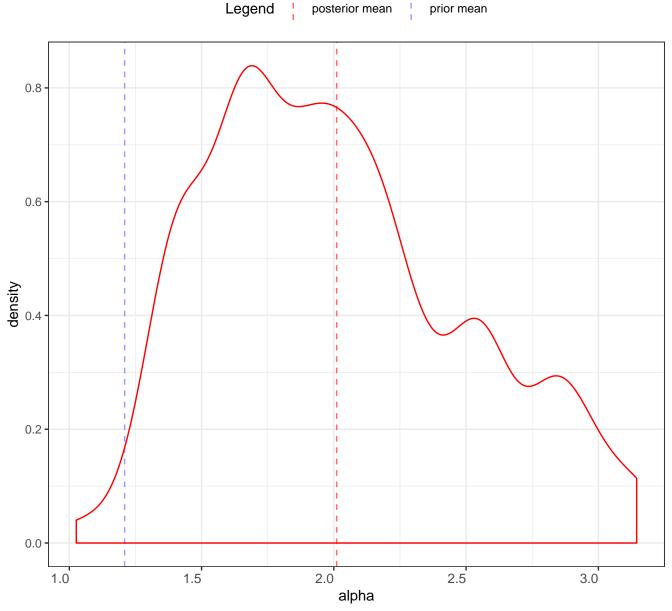
Weights for the case: S=20 ,r=10 true gr K=4 ,type=2 ,N=150 pN=0.001 0.3 0.2 ă 0.1 0.0 50 100 150 tr



Trace plot for the number of groups K for S=20 r=10 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

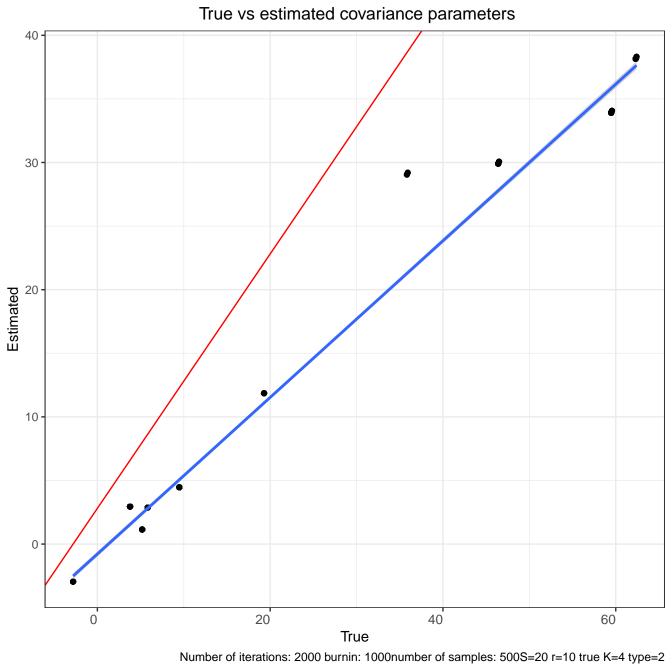
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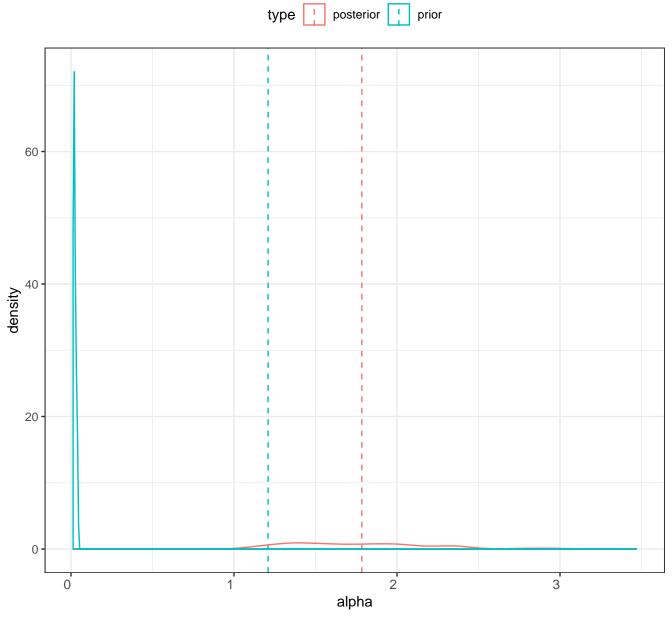
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=2 ,N=150

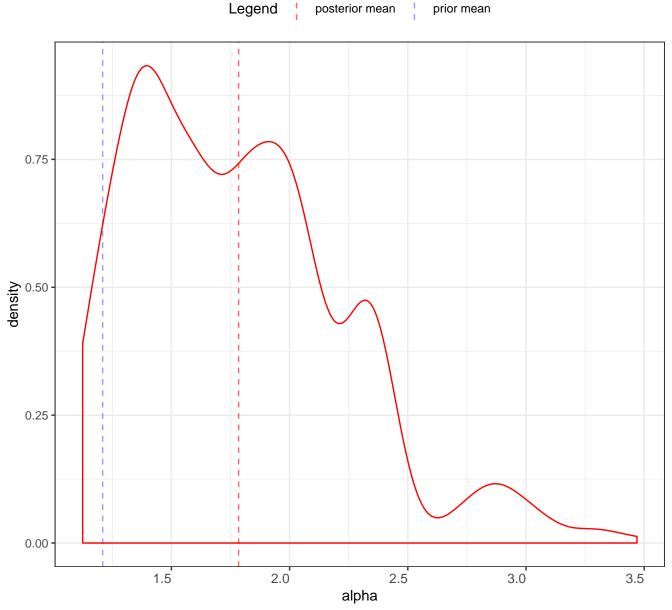
Weights for the case: S=20 ,r=10 true gr K=4 ,type=2 ,N=150 pN=0.001 0.3 0.2 ă 0.1 0.0 50 100 150 tr



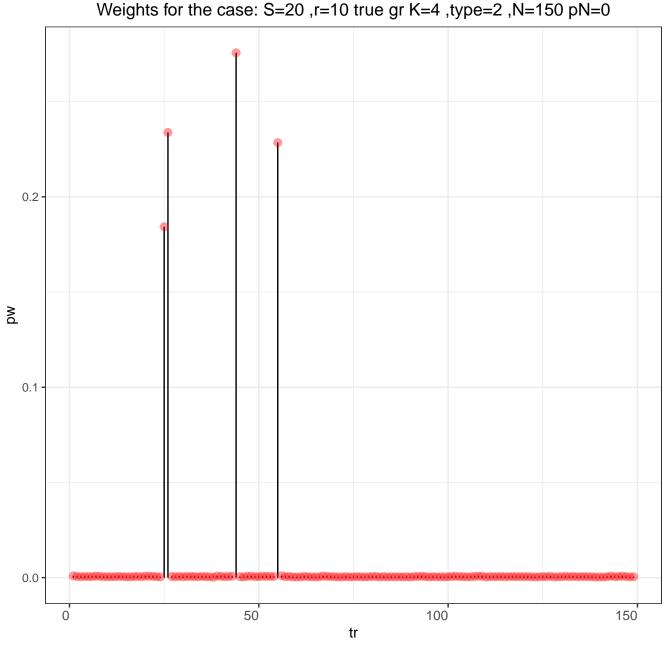
Trace plot for the number of groups K for S=20 r=10 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

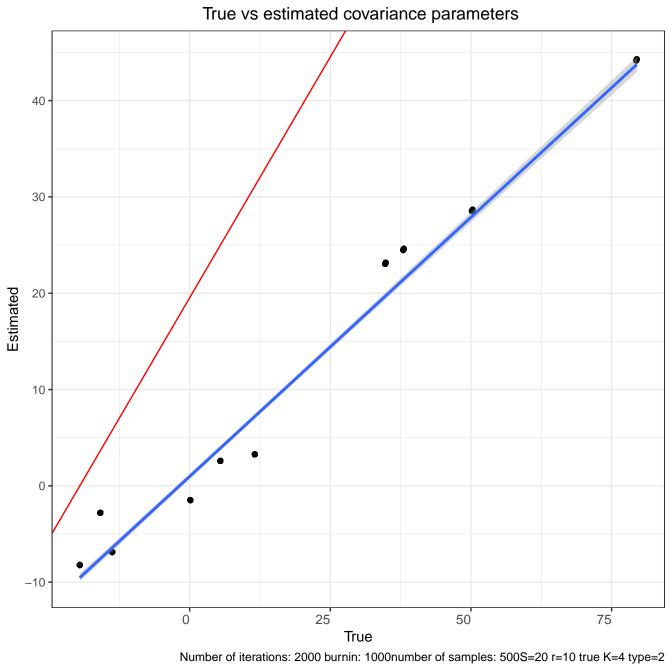
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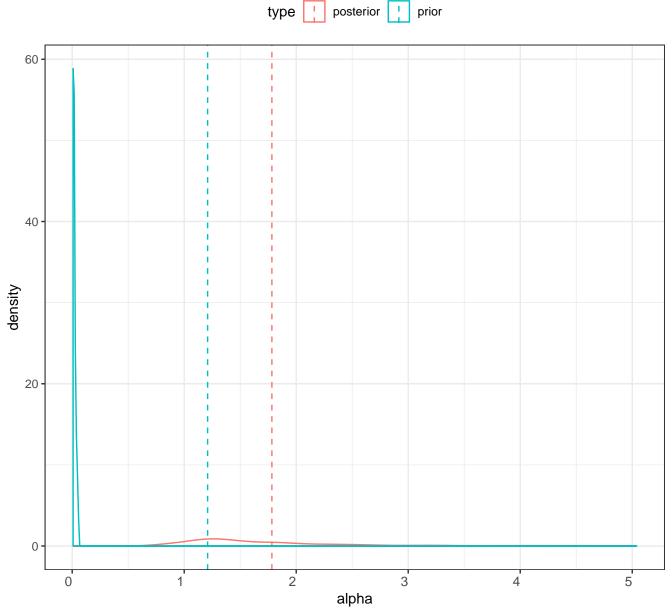
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=2 ,N=150

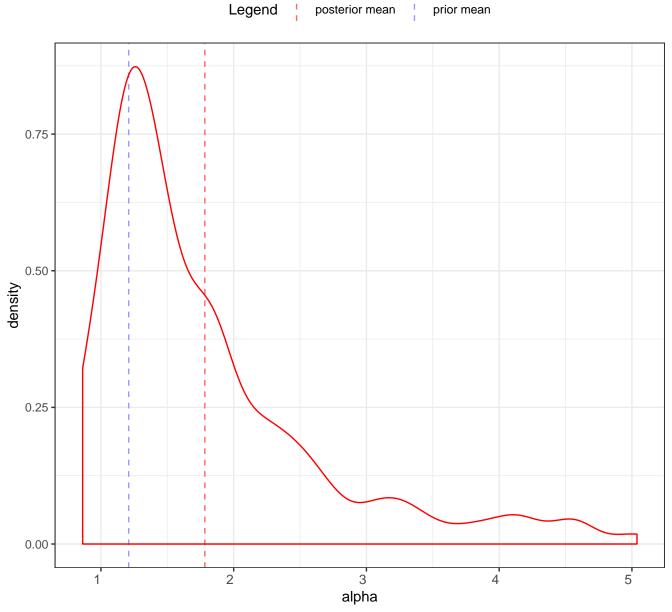




Trace plot for the number of groups K for S=20 r=10 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

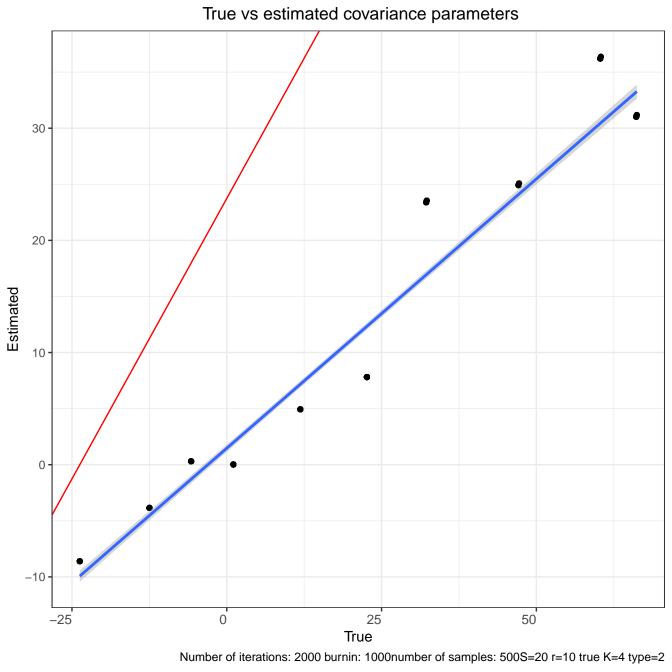
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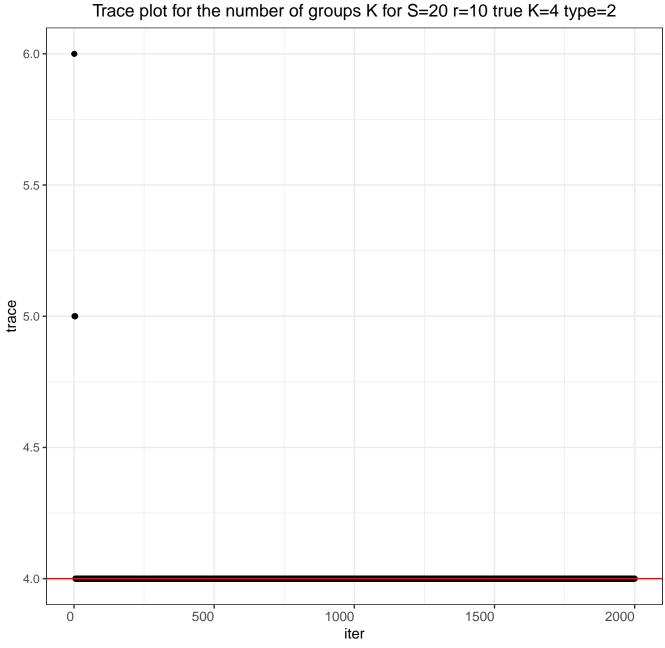




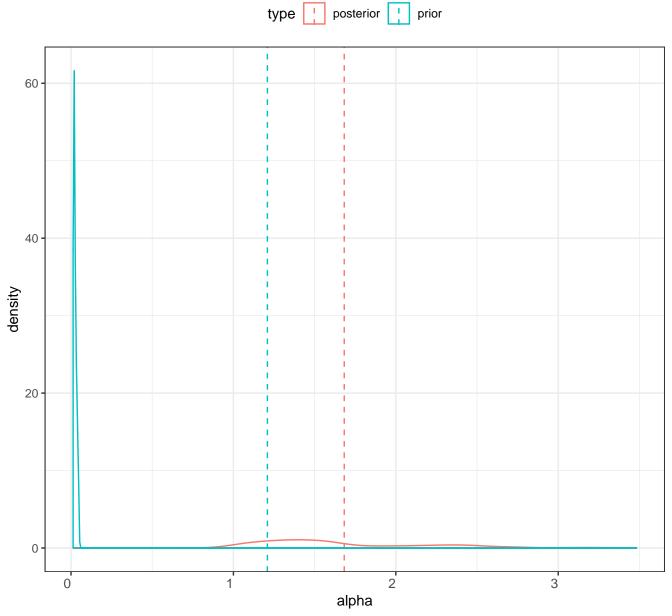
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=2 ,N=150

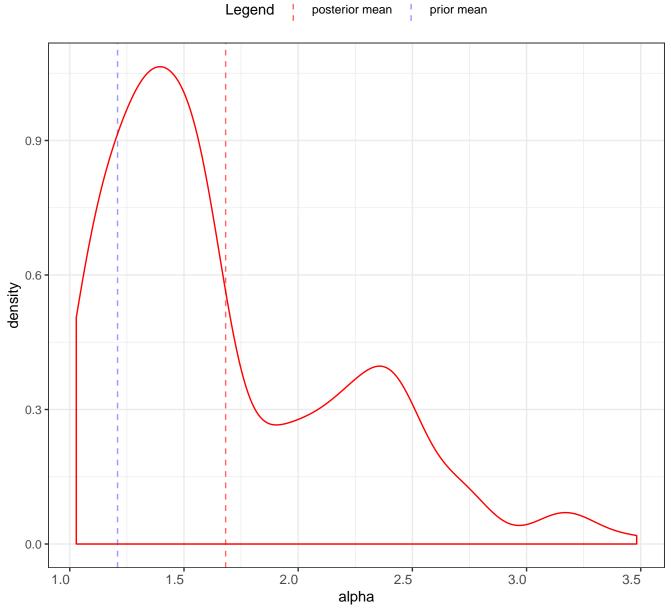
Weights for the case: S=20 ,r=10 true gr K=4 ,type=2 ,N=150 pN=0.001 0.3 0.2 ă 0.1 0.0 50 100 150 tr

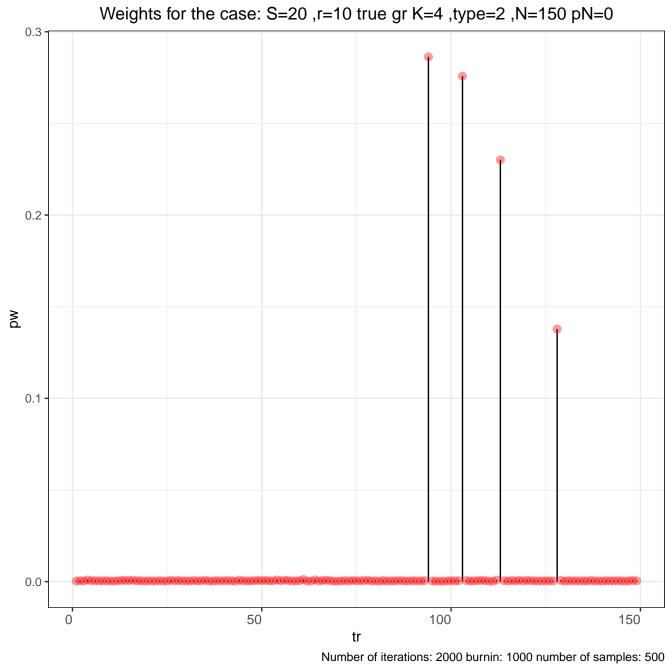


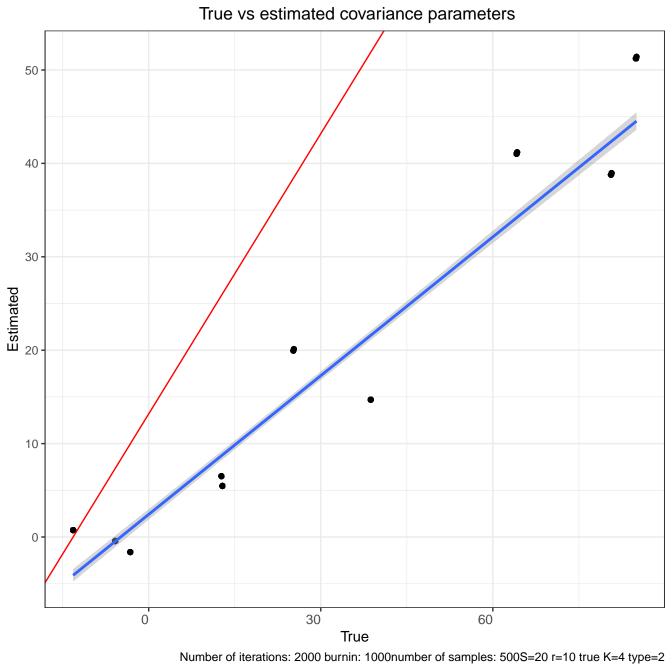


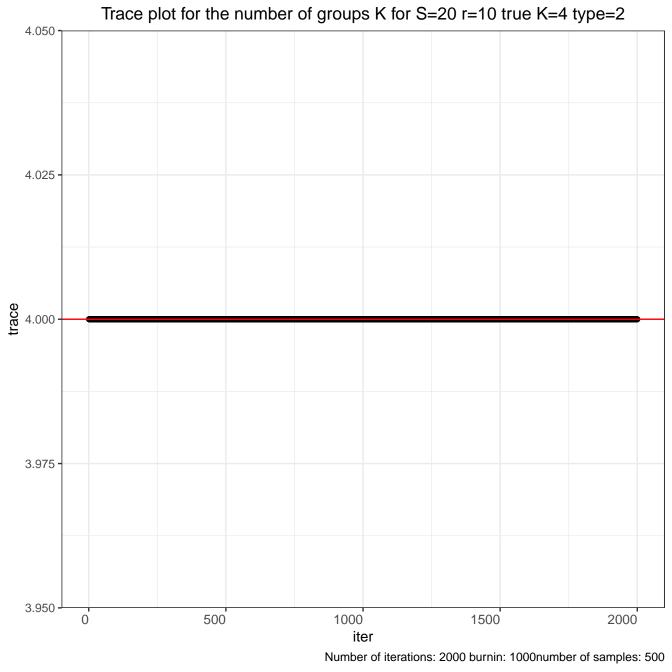
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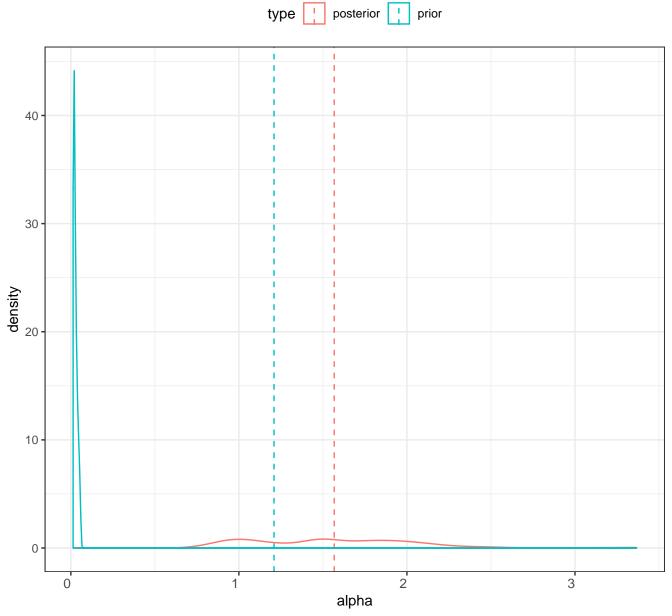


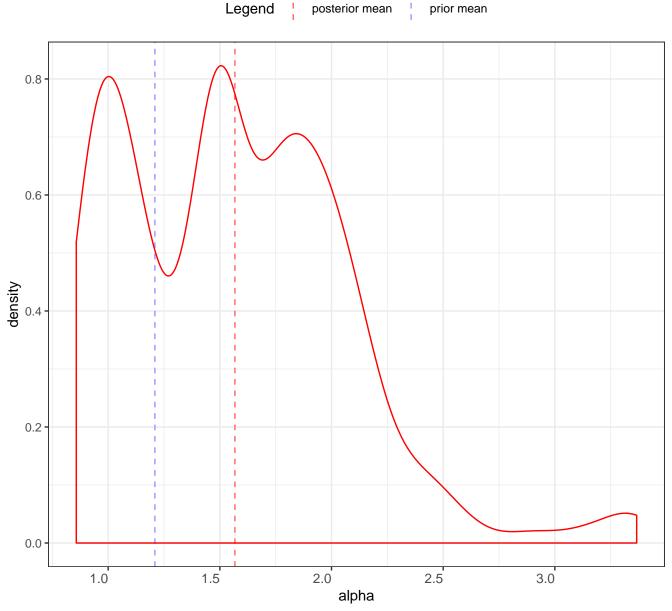




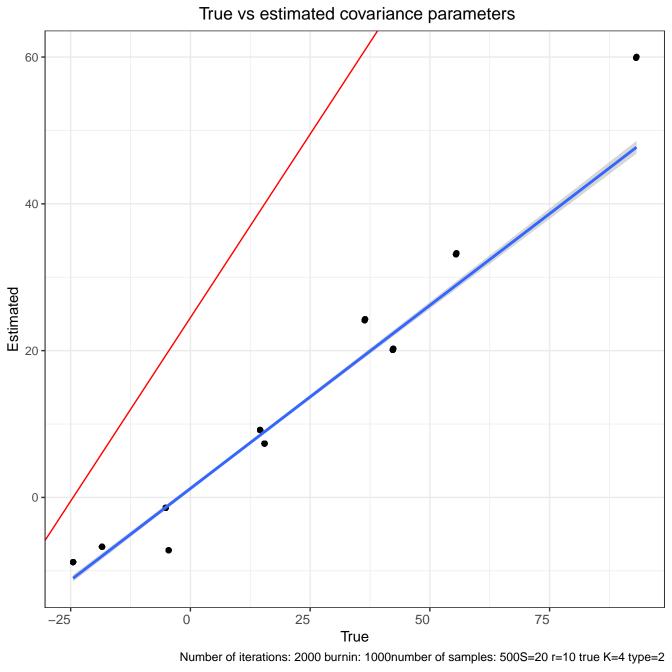




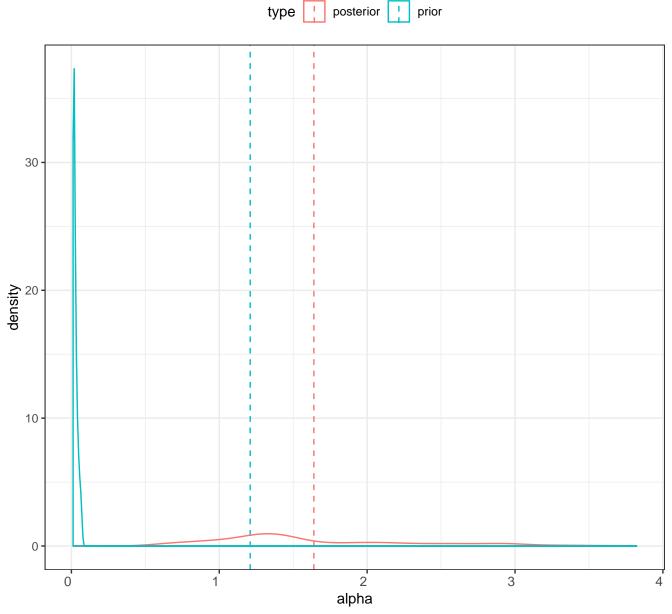


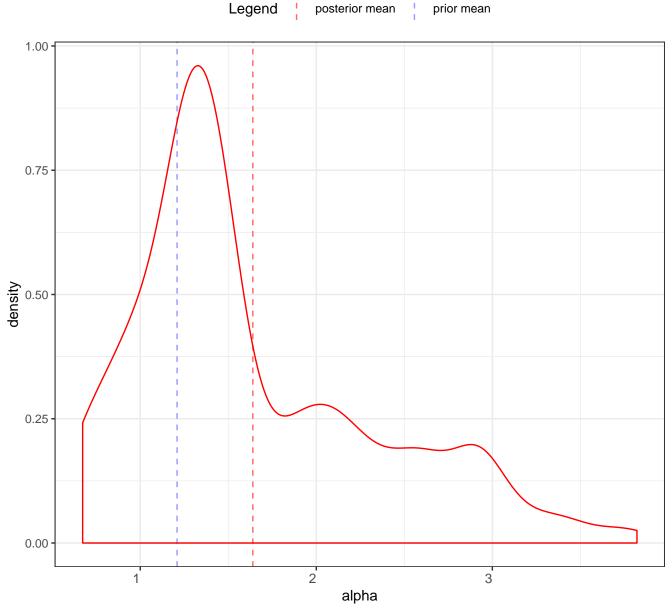


Weights for the case: S=20 ,r=10 true gr K=4 ,type=2 ,N=150 pN=0.001 0.4 0.3 <u>گر</u> 0.2 0.1 0.0 50 100 150 0 tr



Trace plot for the number of groups K for S=20 r=10 true K=4 type=2 6 trace 5 500 1000 1500 2000 iter





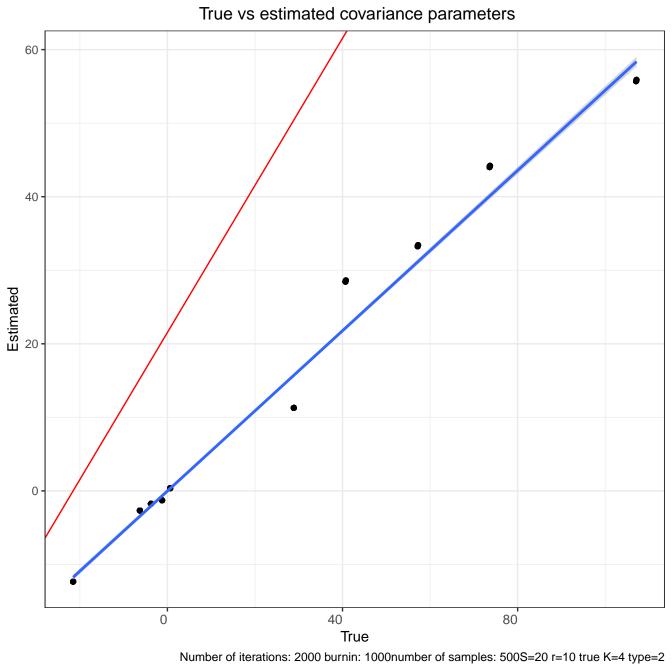
Weights for the case: S=20 ,r=10 true gr K=4 ,type=2 ,N=150 pN=0.001 0.2 ă 0.1 0.0 50

tr

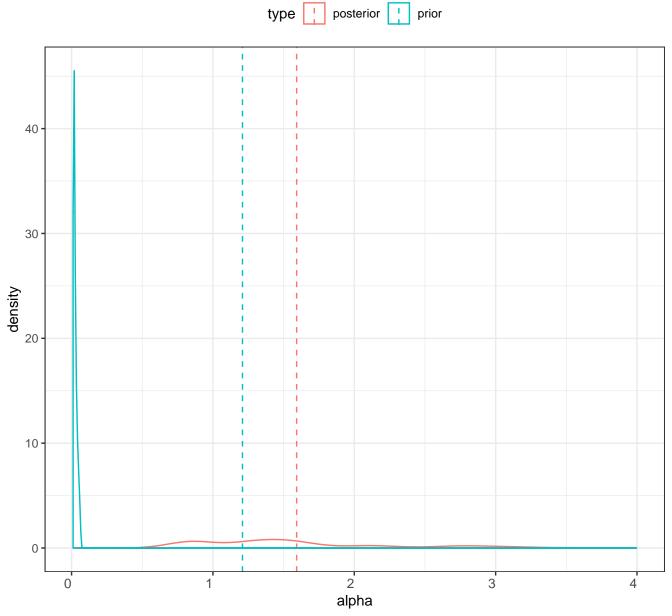
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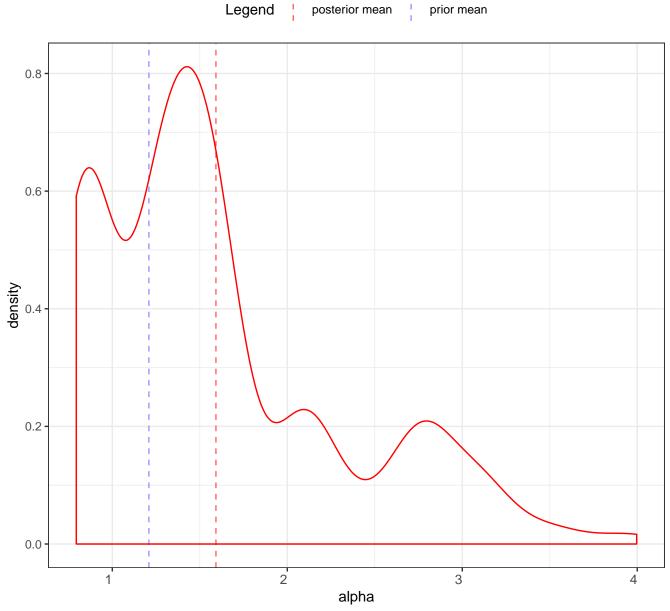
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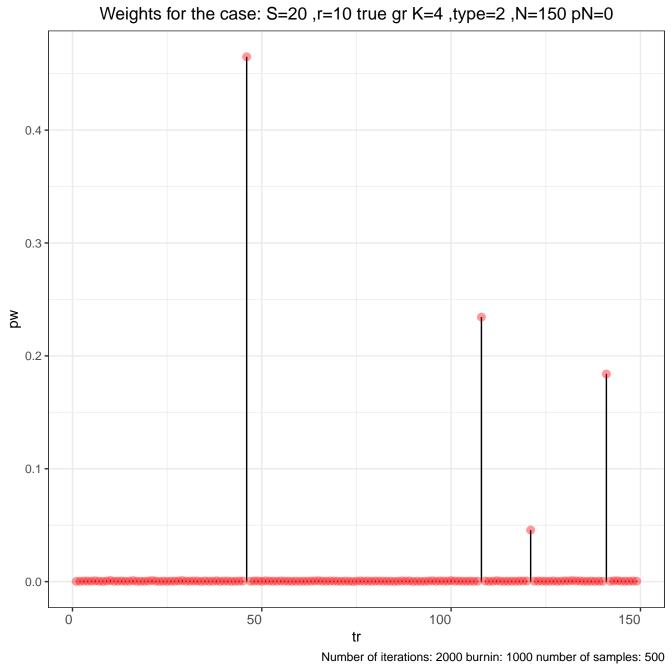
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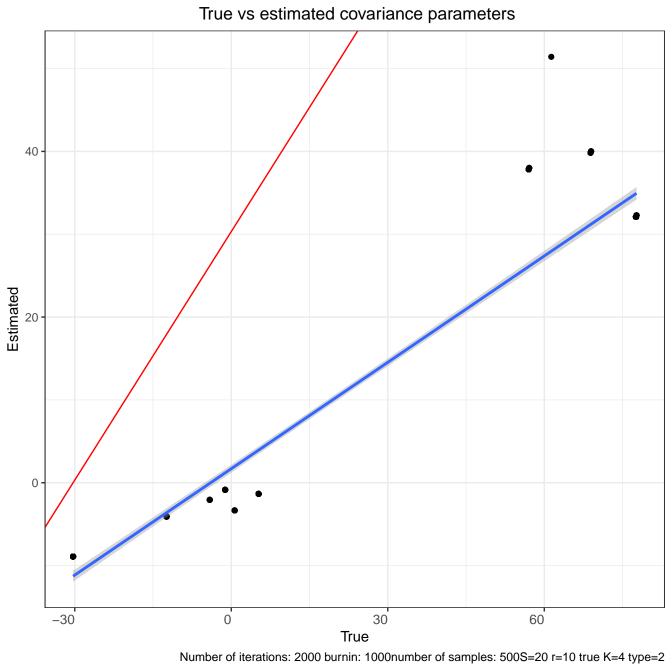


Trace plot for the number of groups K for S=20 r=10 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

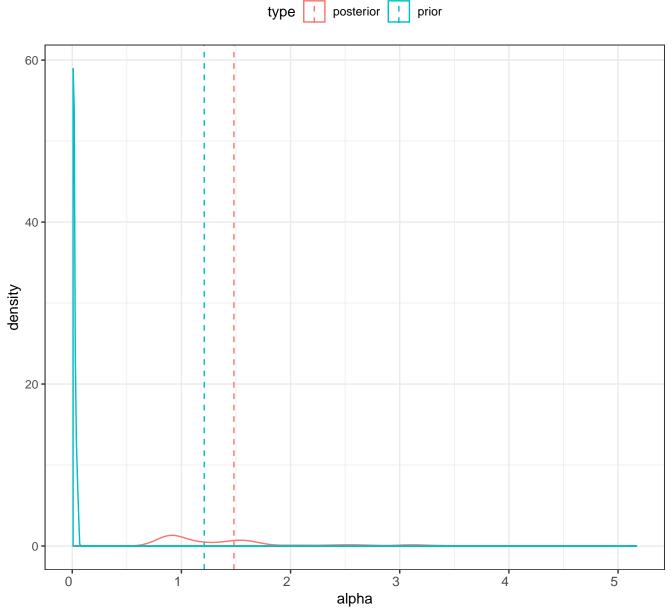


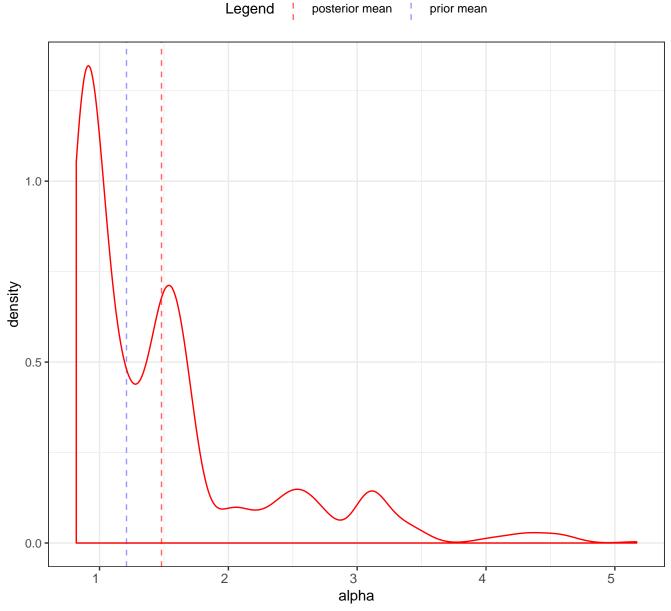




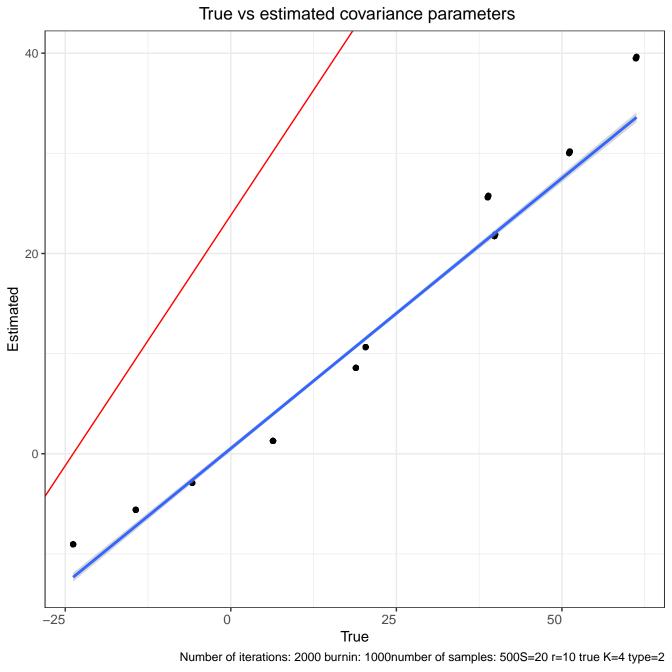


Trace plot for the number of groups K for S=20 r=10 true K=4 type=2 10 8 trace 6 -1000 2000 1500 500 iter

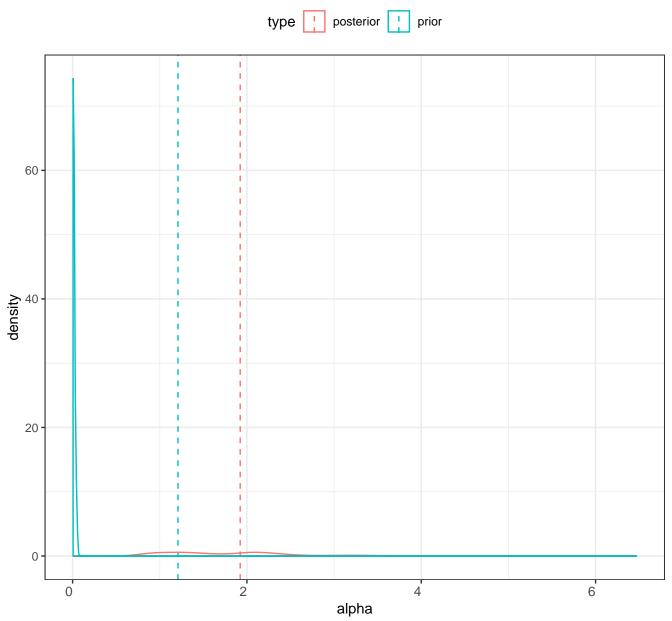


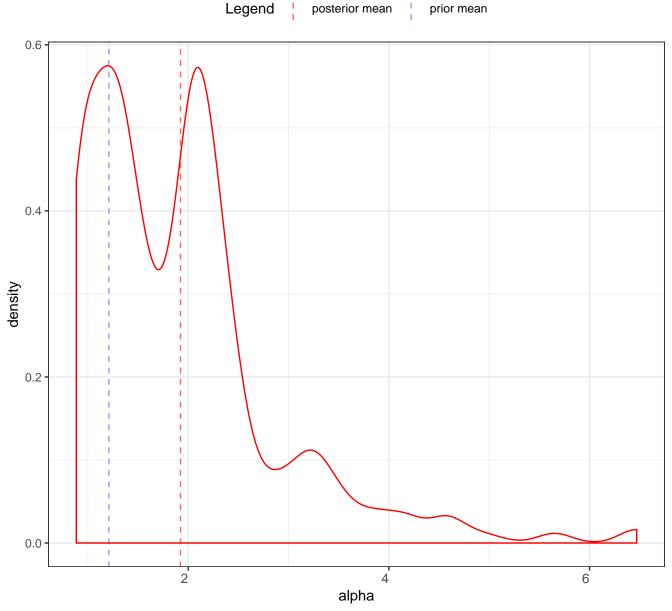


Weights for the case: S=20 ,r=10 true gr K=4 ,type=2 ,N=150 pN=0.001 0.3 0.2 ă 0.1 0.0 50 100 150 tr

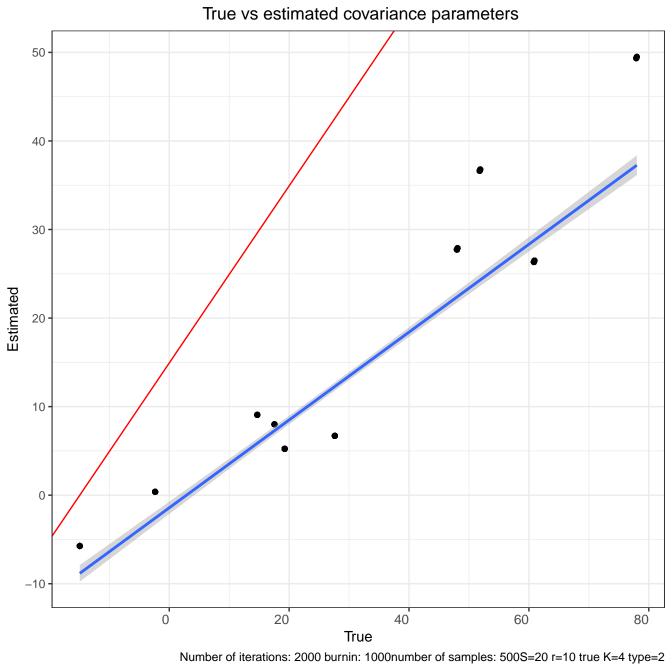


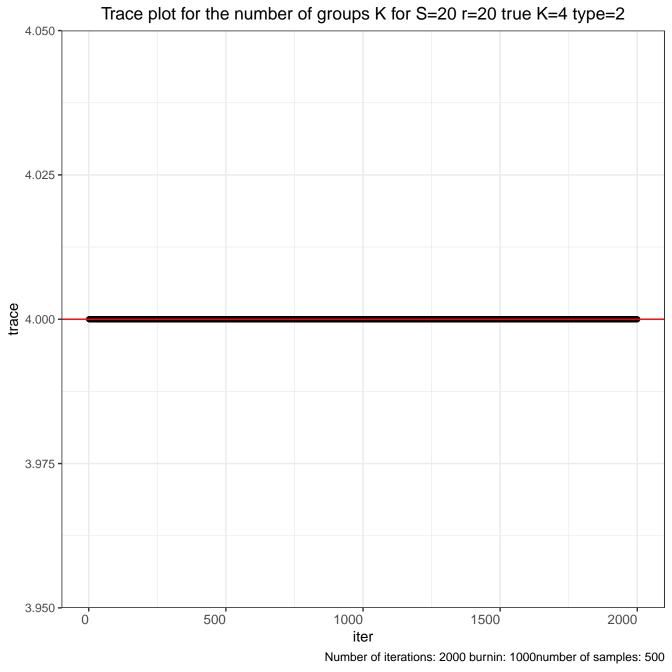
Trace plot for the number of groups K for S=20 r=10 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

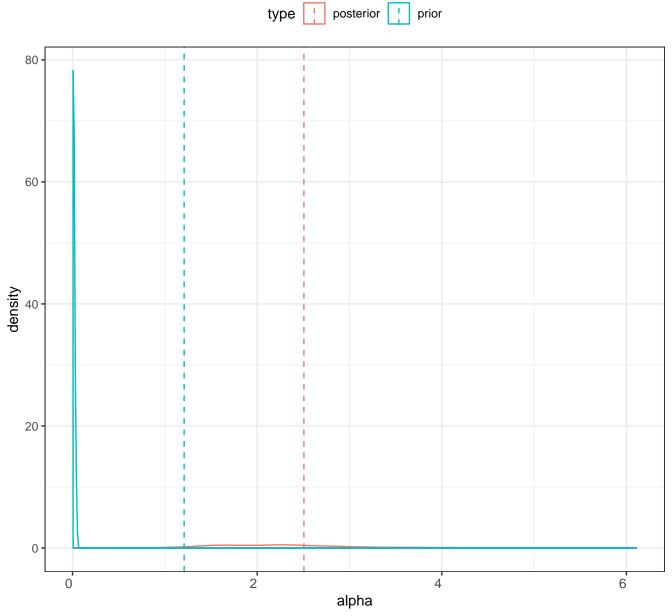


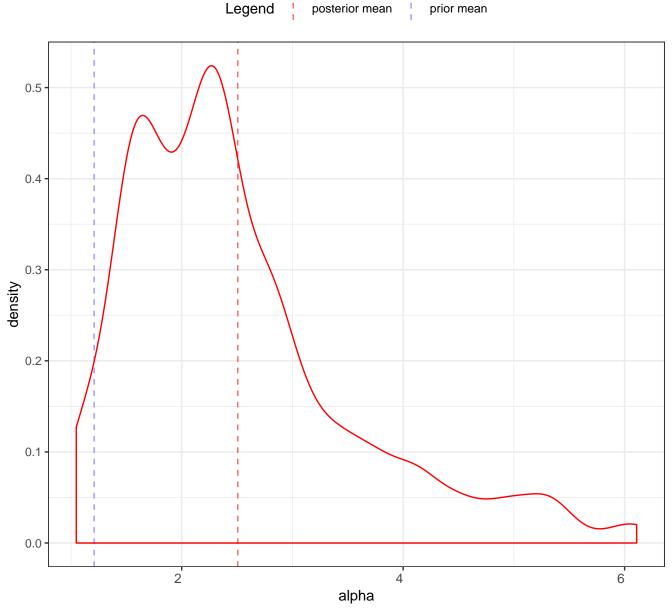


Weights for the case: S=20 ,r=10 true gr K=4 ,type=2 ,N=150 pN=0.001 0.3 0.2 ŏ 0.1 0.0 50 150 100 tr

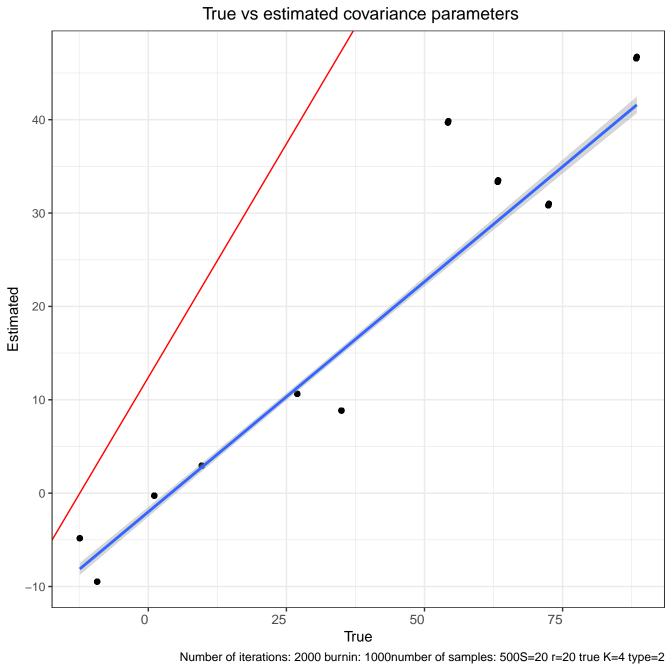


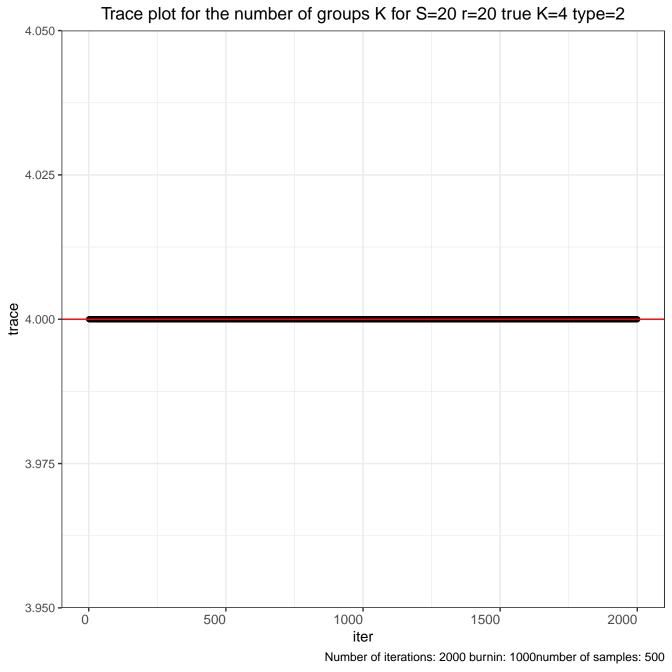






Weights for the case: S=20 ,r=20 true gr K=4 ,type=2 ,N=150 pN=0.001 0.3 0.2 ă 0.1 0.0 50 100 150 tr





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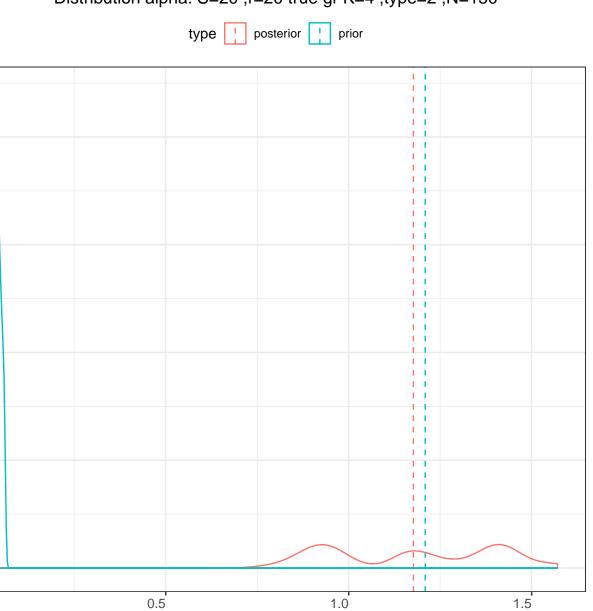
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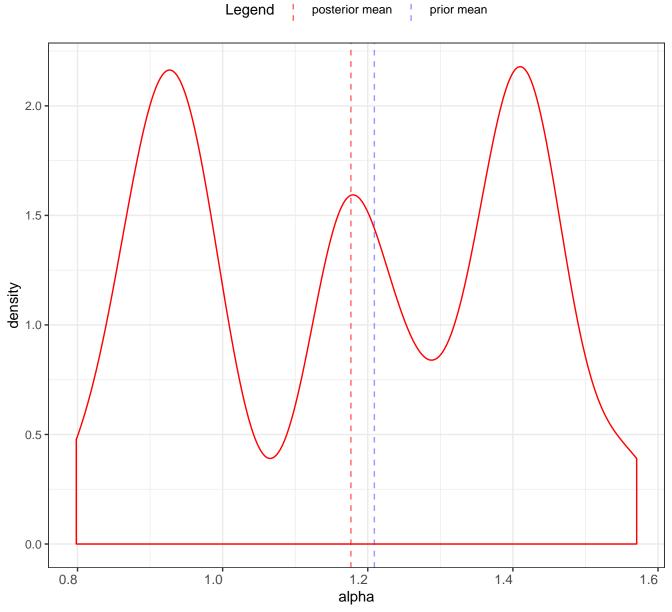
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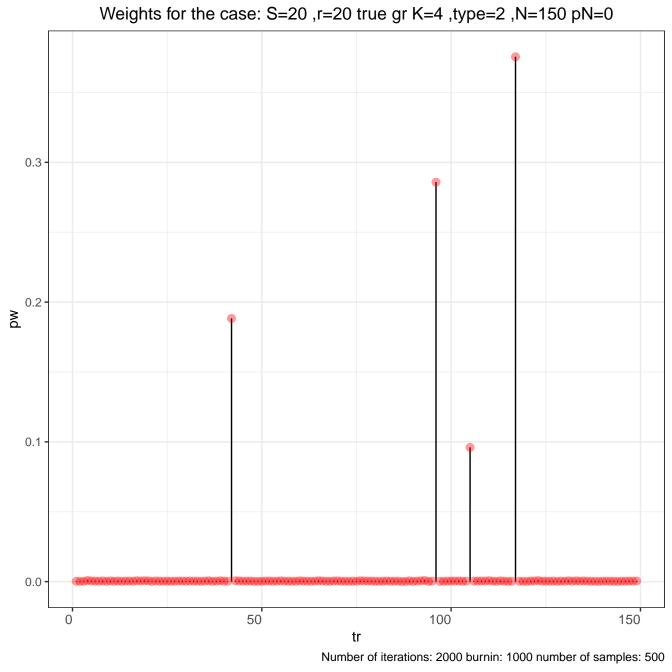
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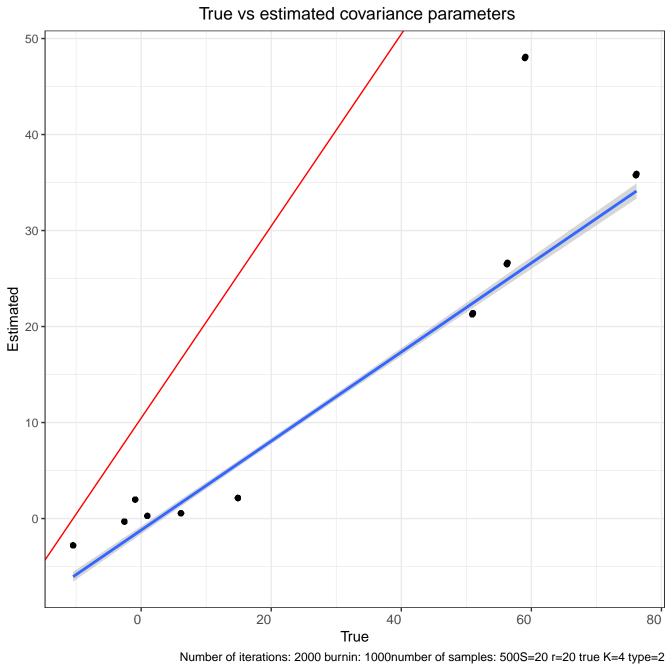
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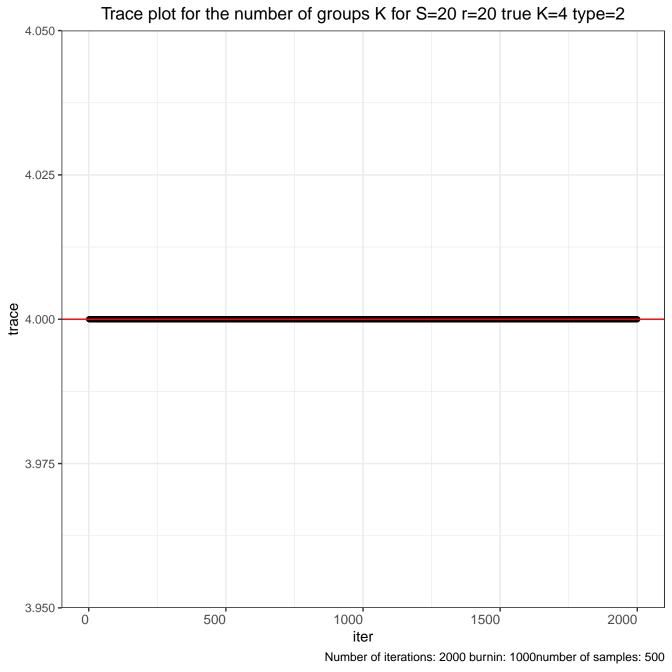


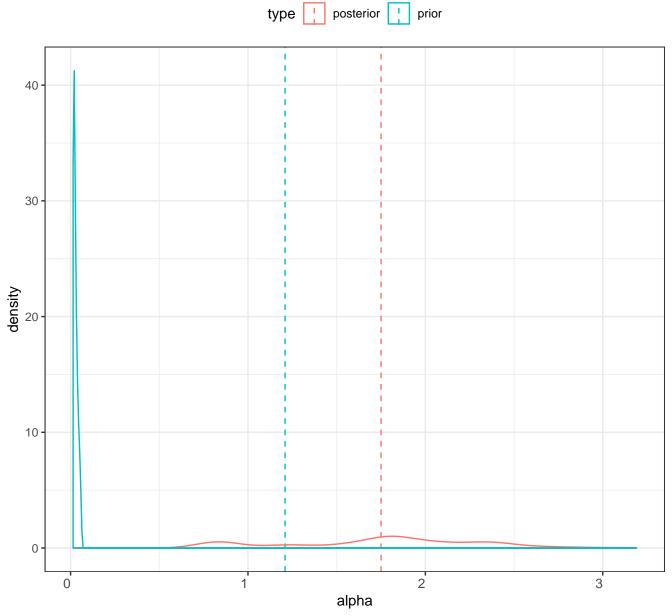
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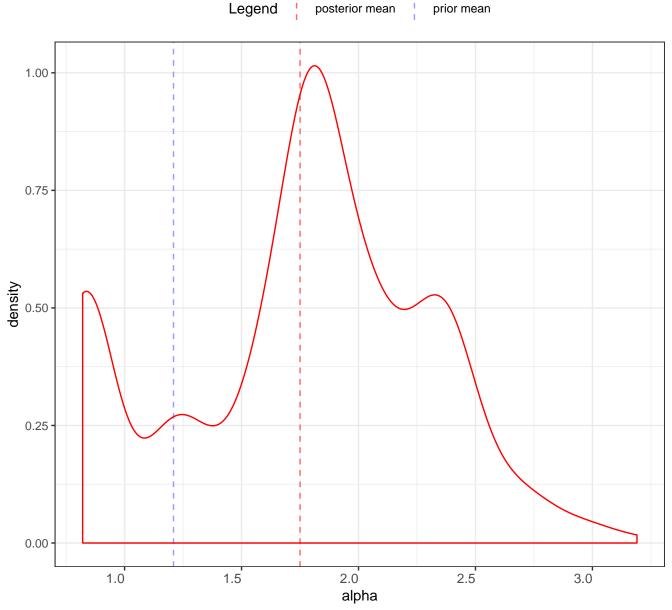




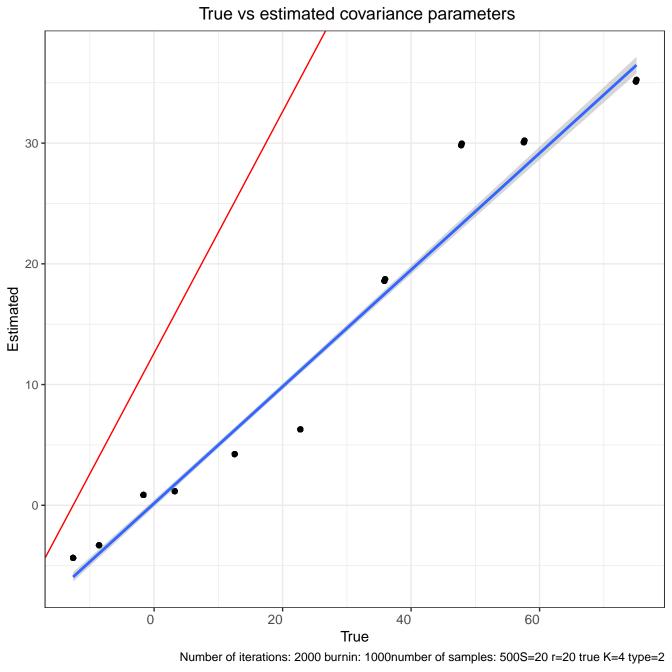




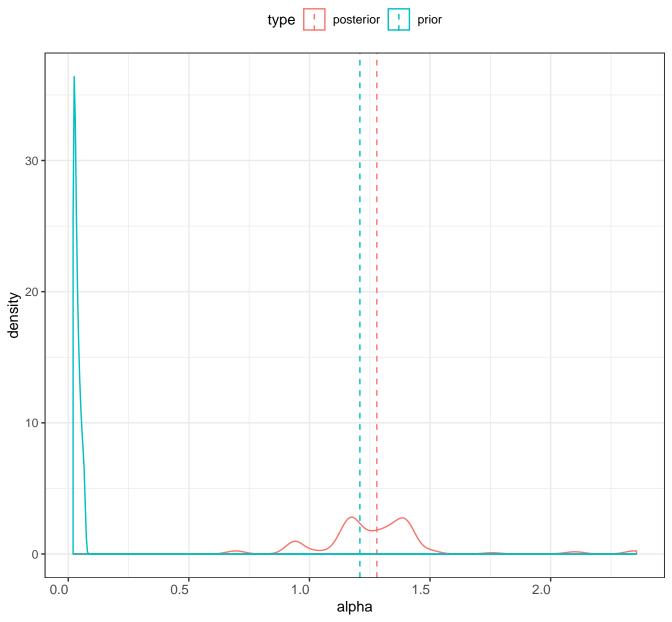


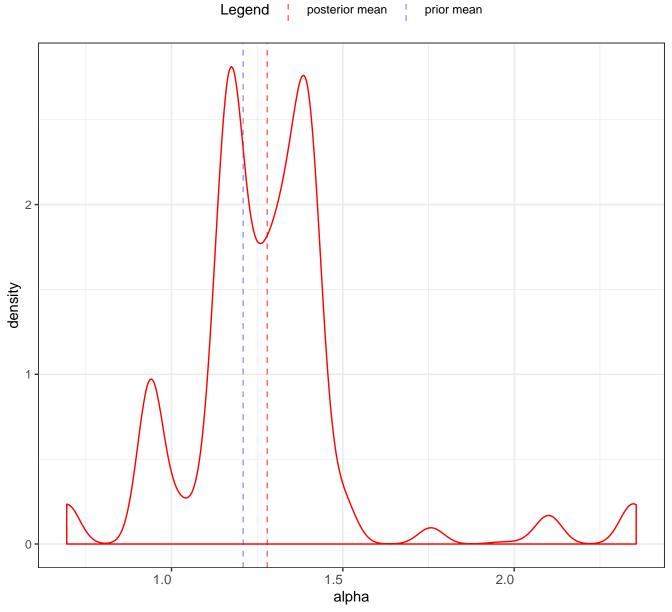


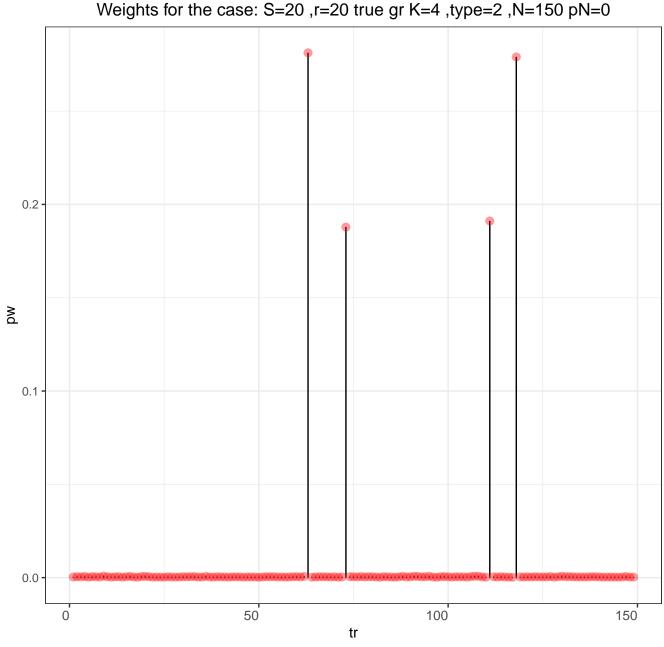
Weights for the case: S=20 ,r=20 true gr K=4 ,type=2 ,N=150 pN=0.001 0.3 0.2 ă 0.1 0.0 50 100 150 tr

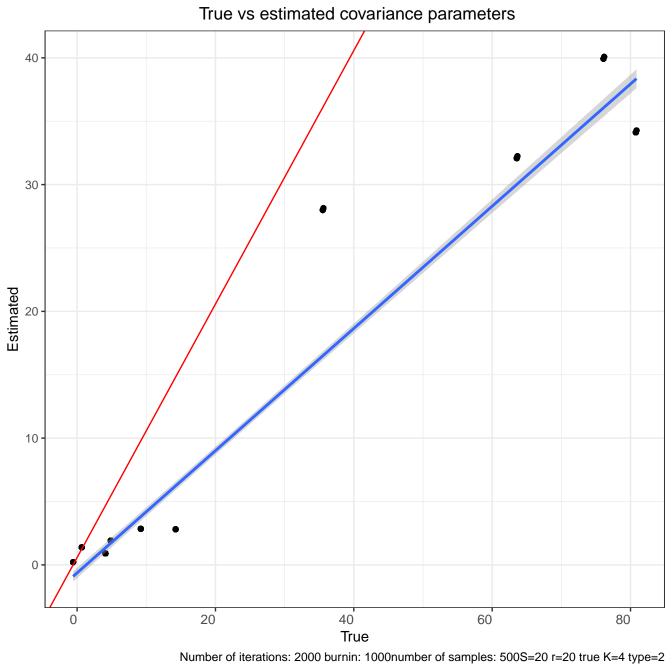


Trace plot for the number of groups K for S=20 r=20 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

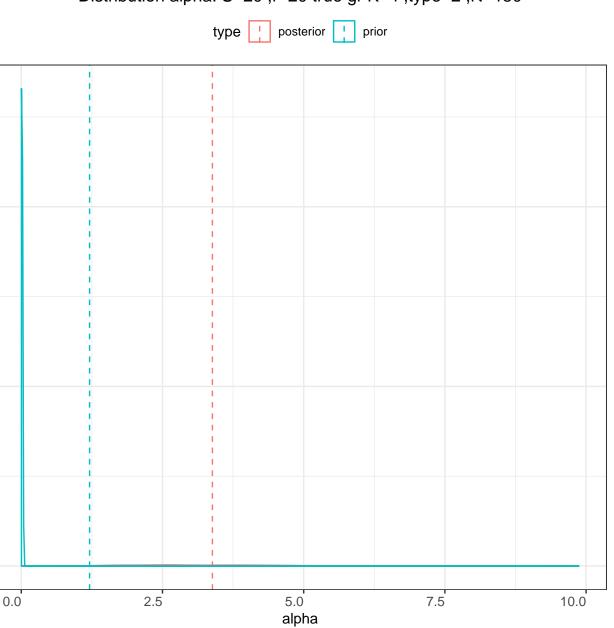








Trace plot for the number of groups K for S=20 r=20 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

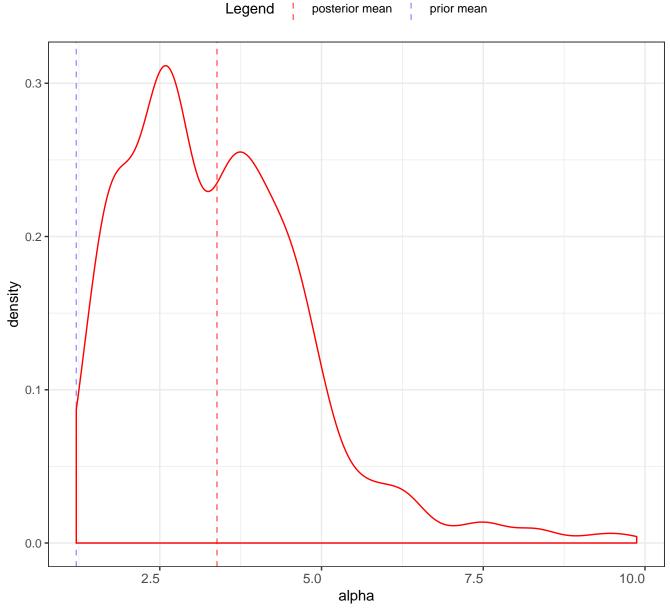


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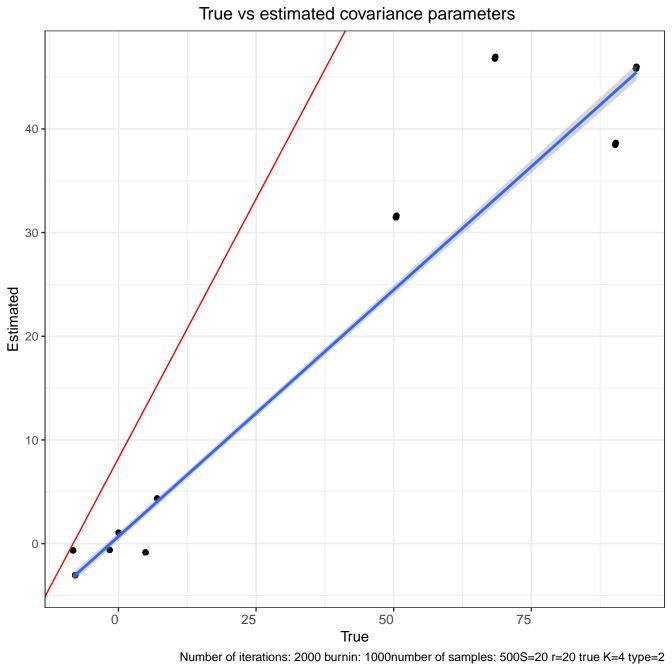
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0 -

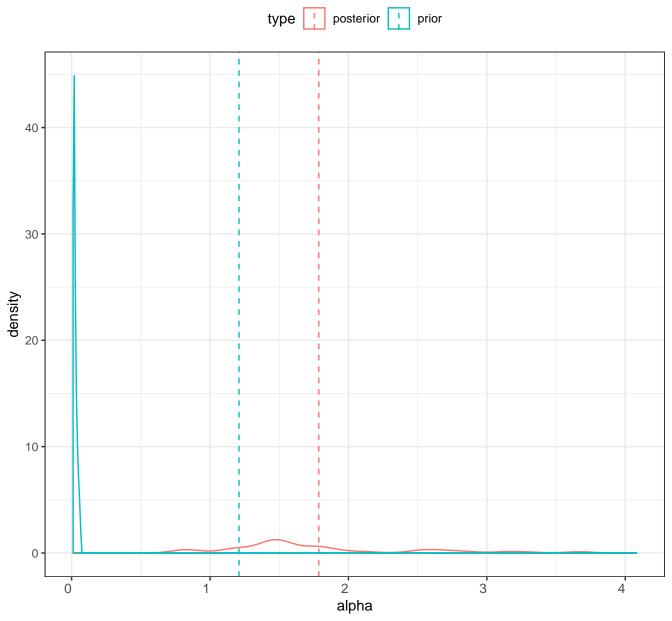
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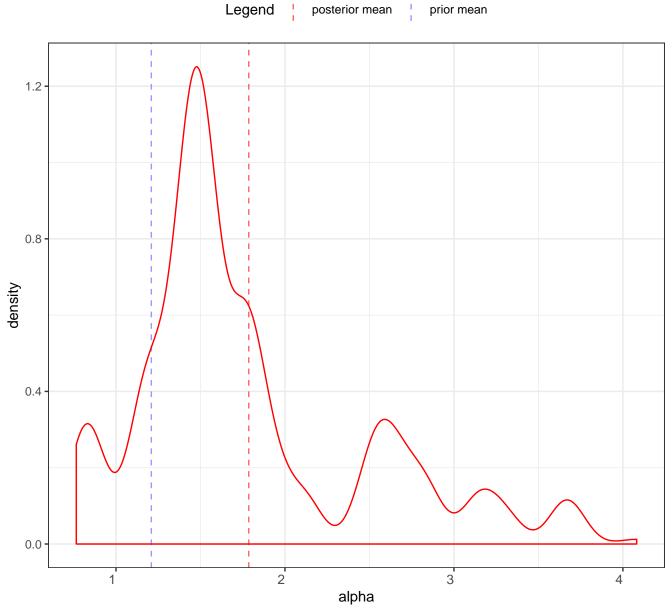


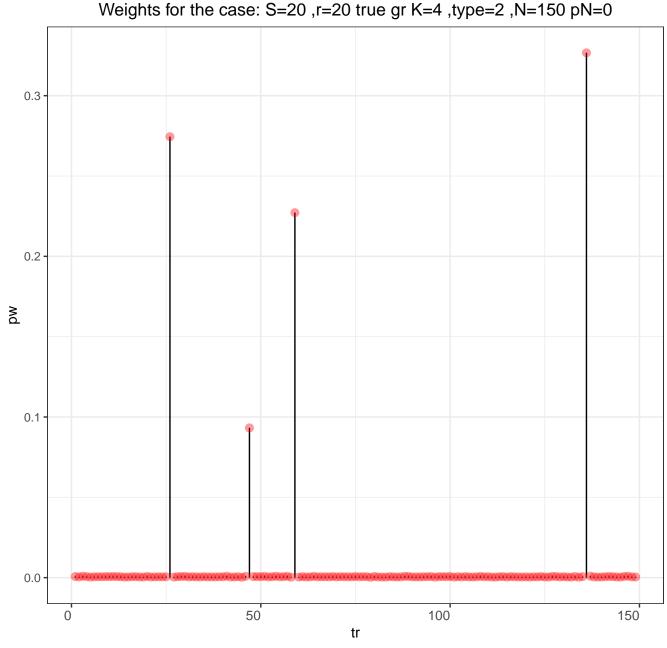
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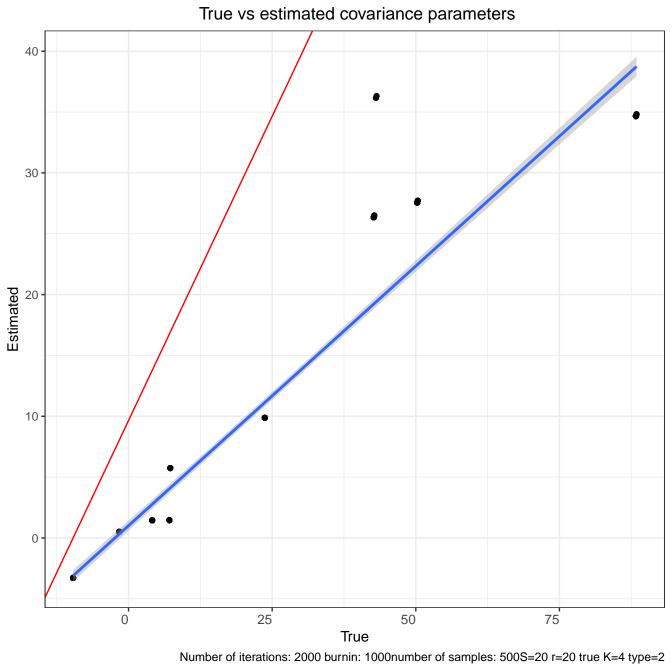


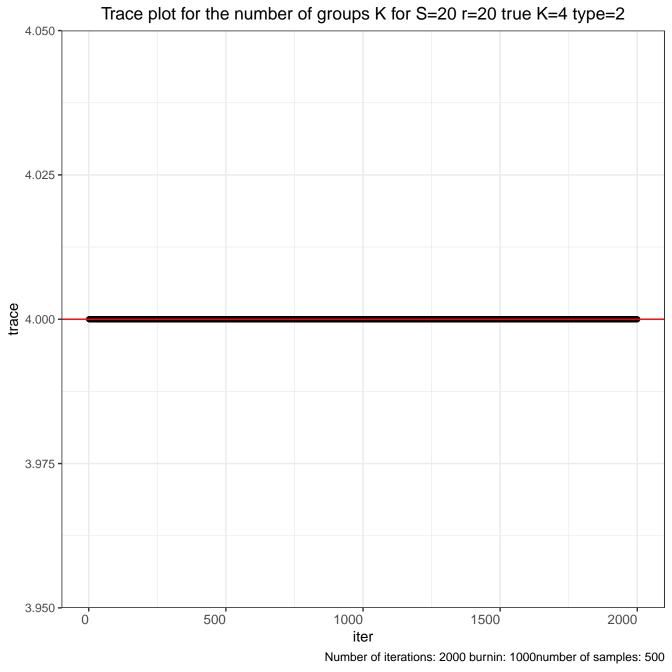
Trace plot for the number of groups K for S=20 r=20 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

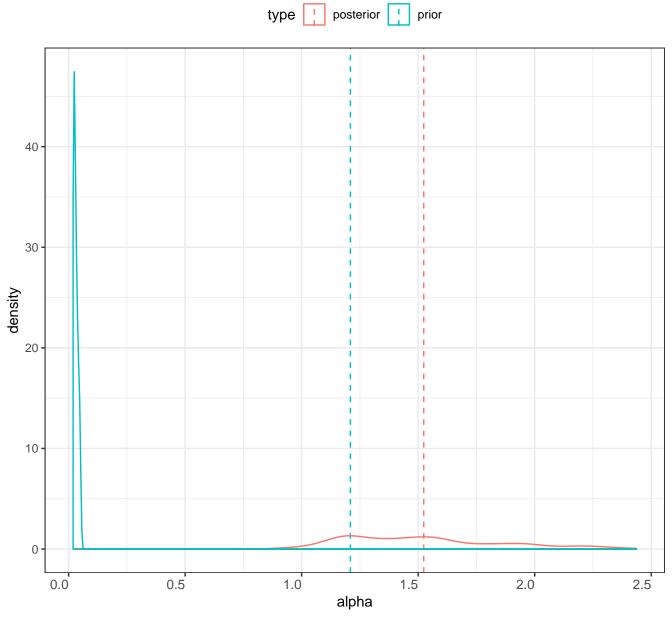


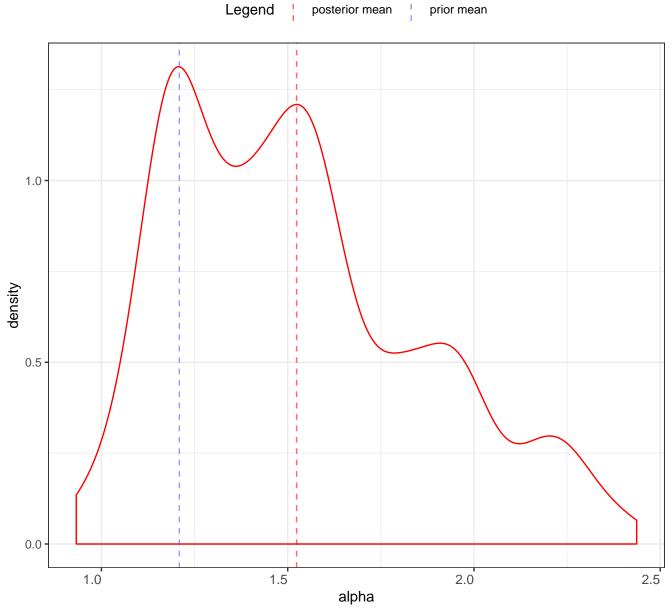


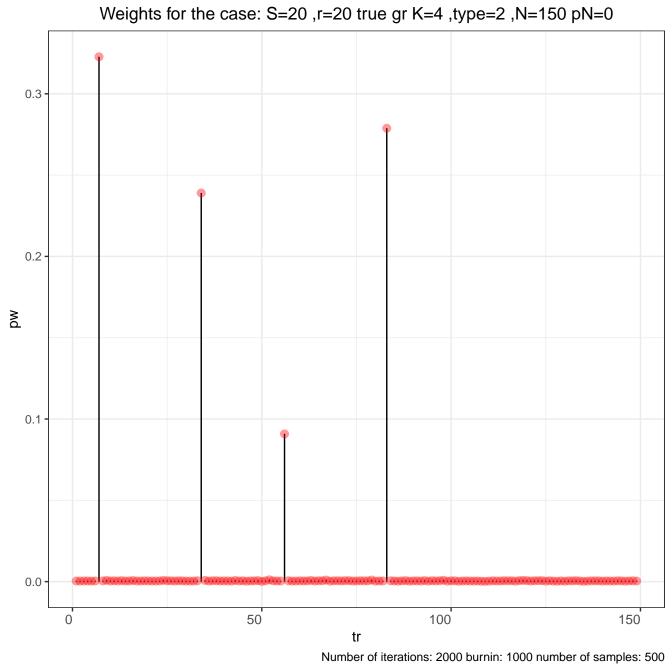


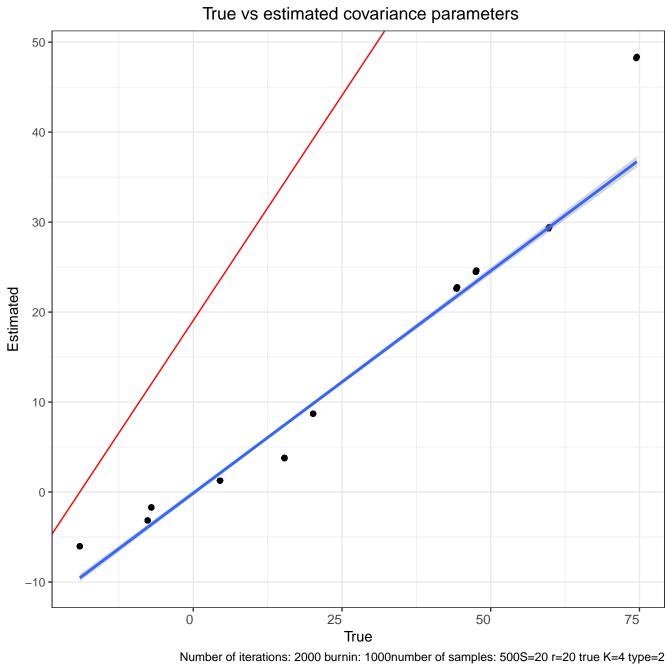




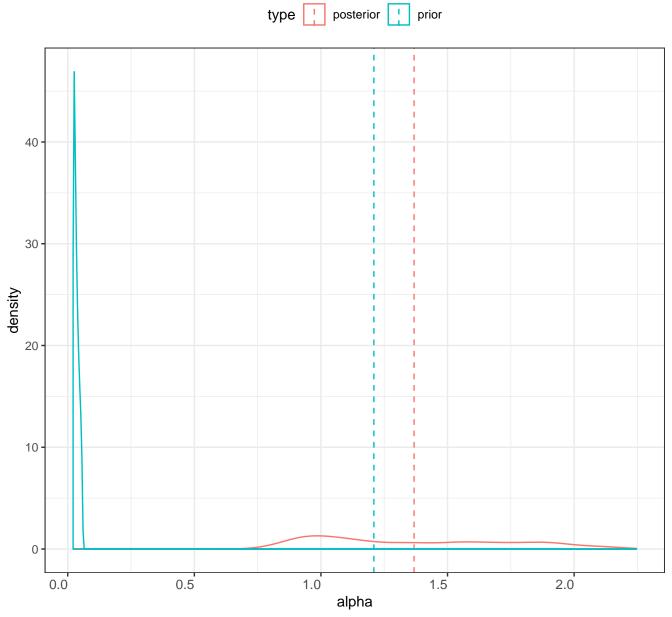


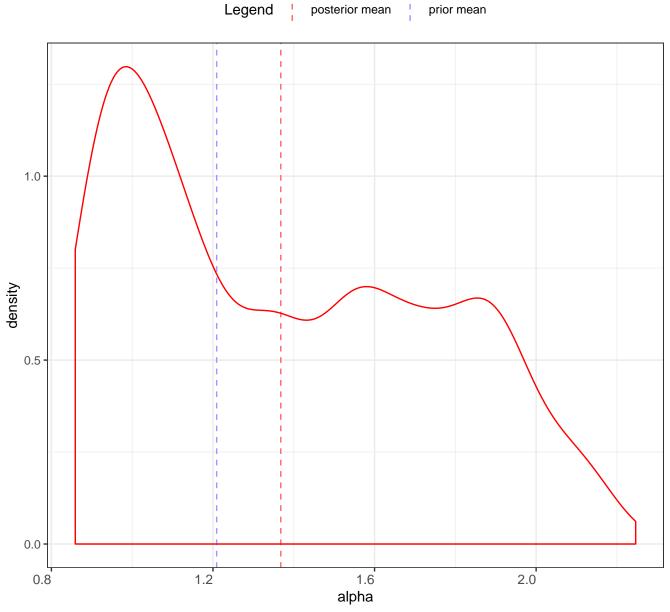




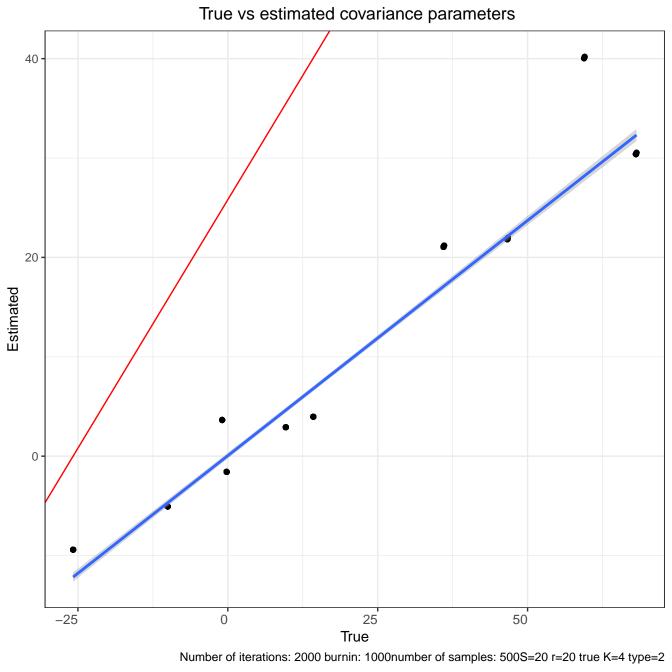


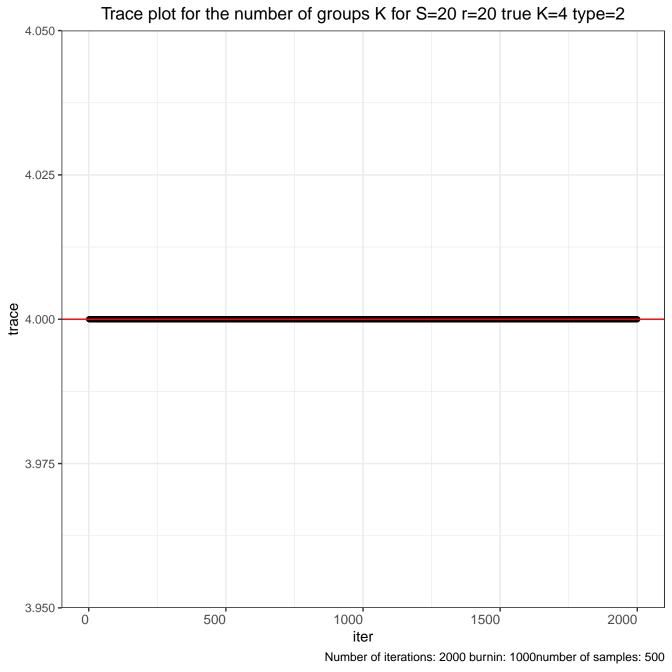
Trace plot for the number of groups K for S=20 r=20 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

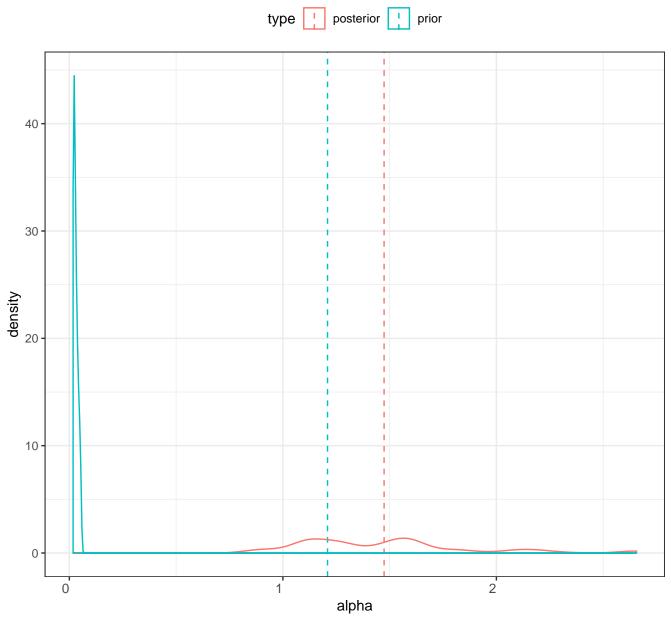


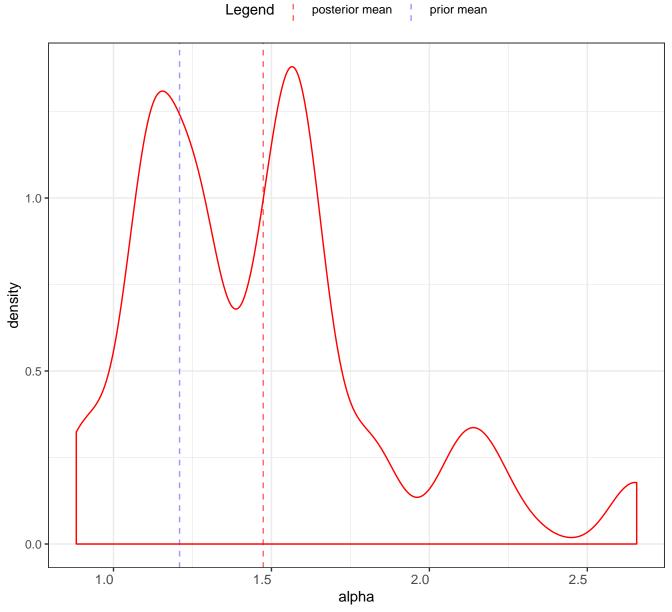


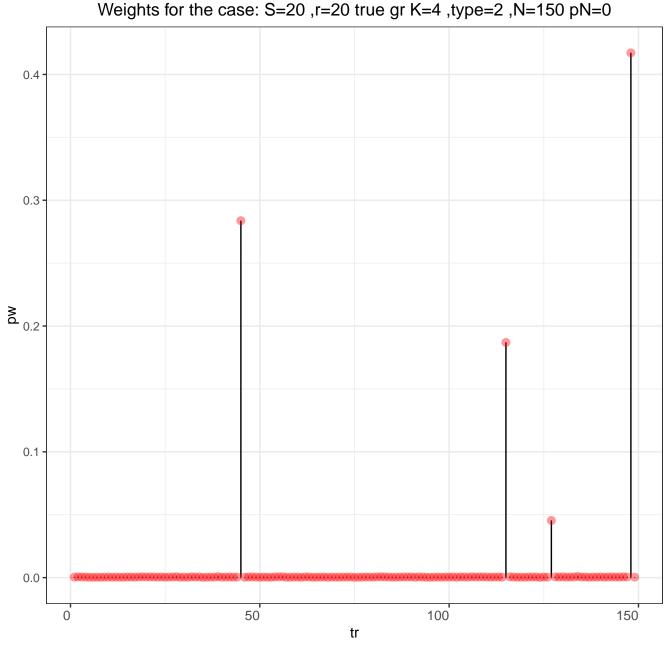
Weights for the case: S=20 ,r=20 true gr K=4 ,type=2 ,N=150 pN=0.001 0.3 0.1 0.0 50 100 150 tr

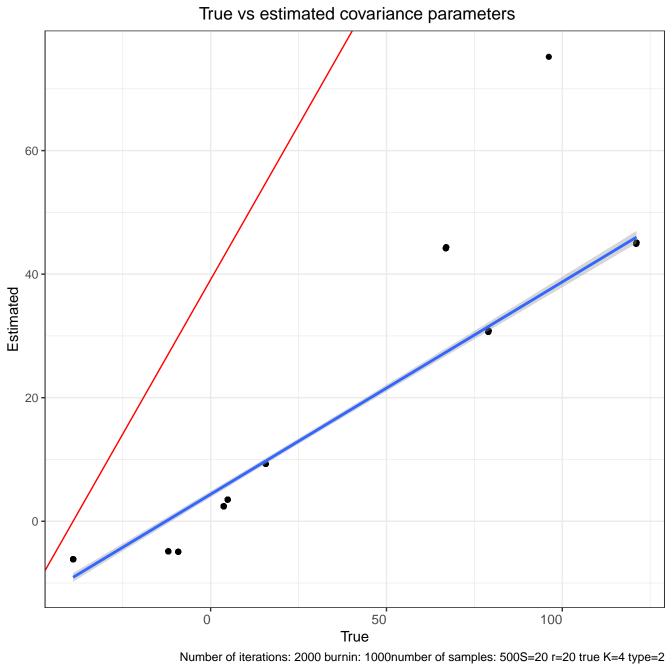


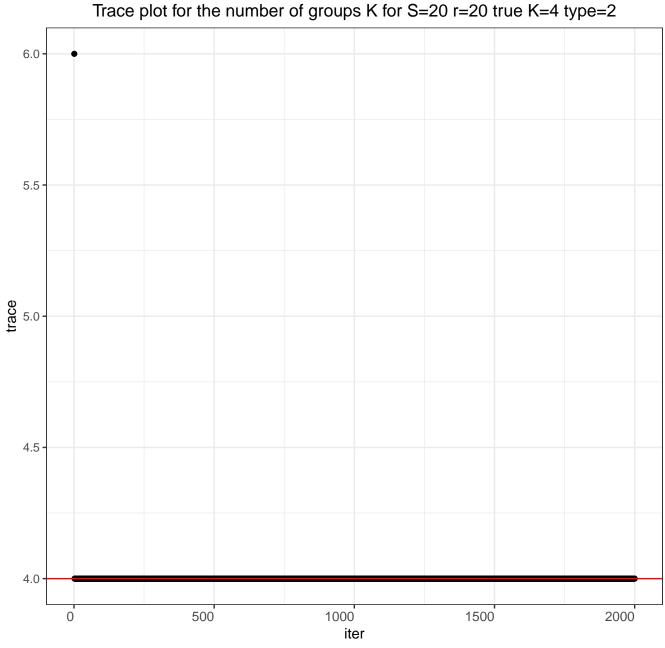


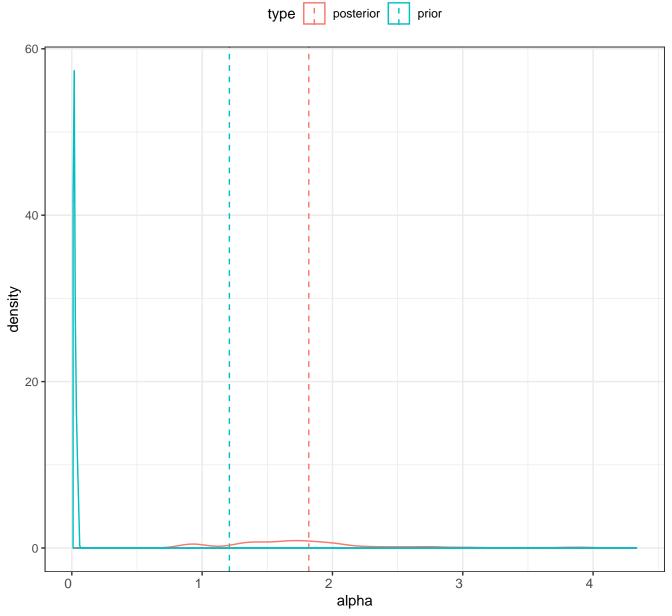


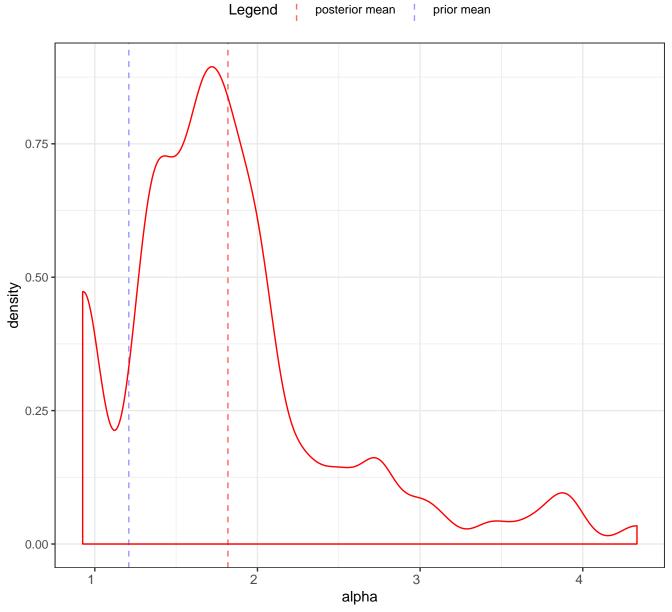


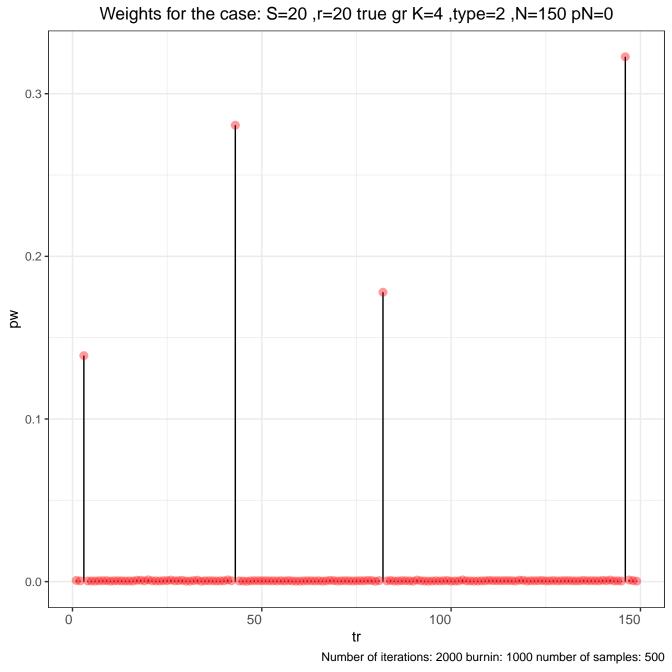


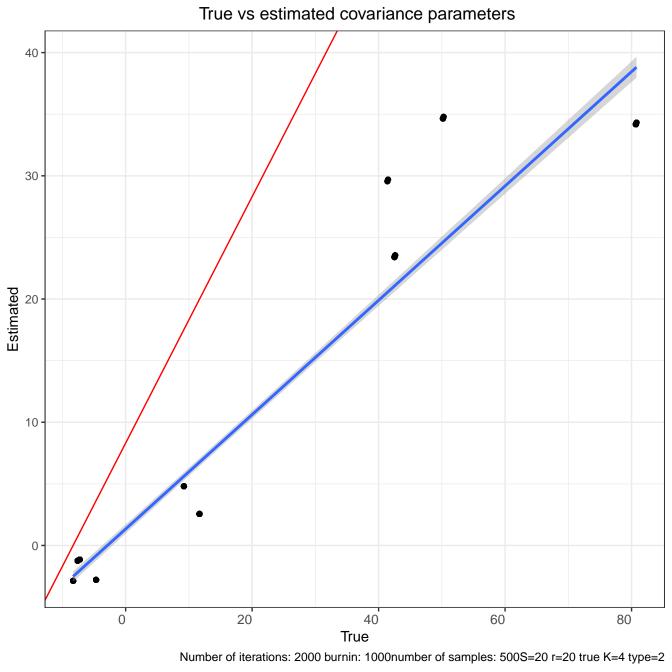




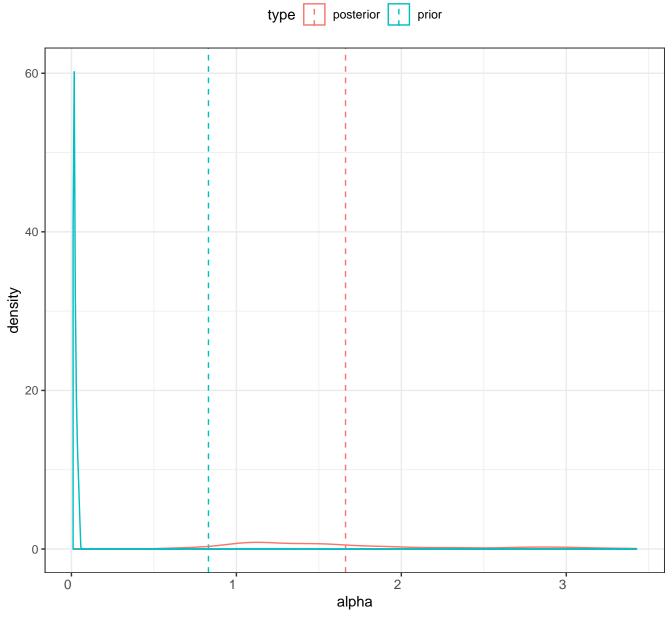


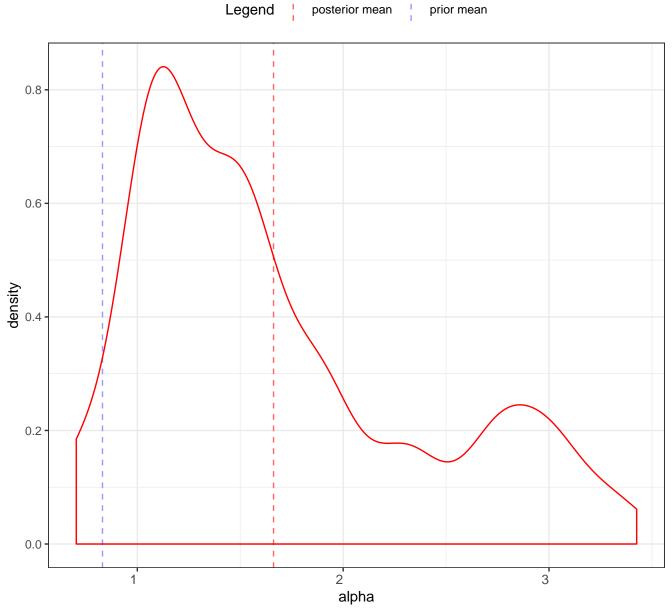




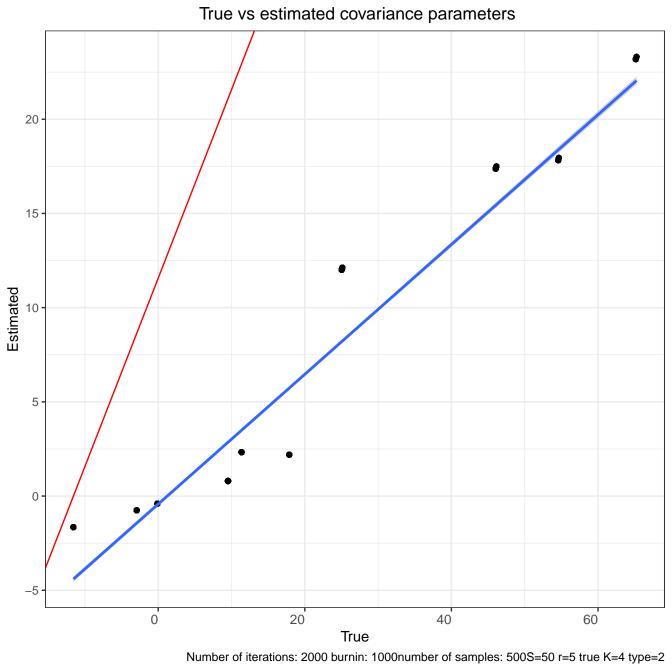


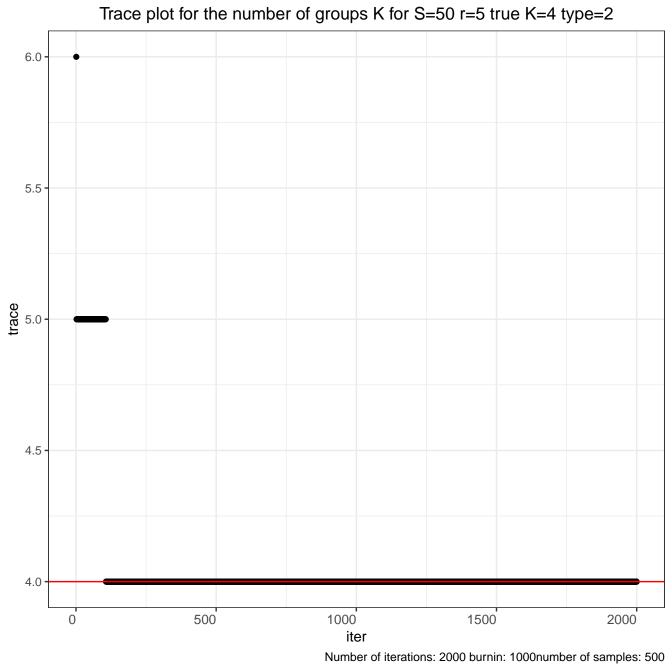
Trace plot for the number of groups K for S=50 r=5 true K=4 type=2 10 8 trace 6 -1000 2000 1500 500 iter

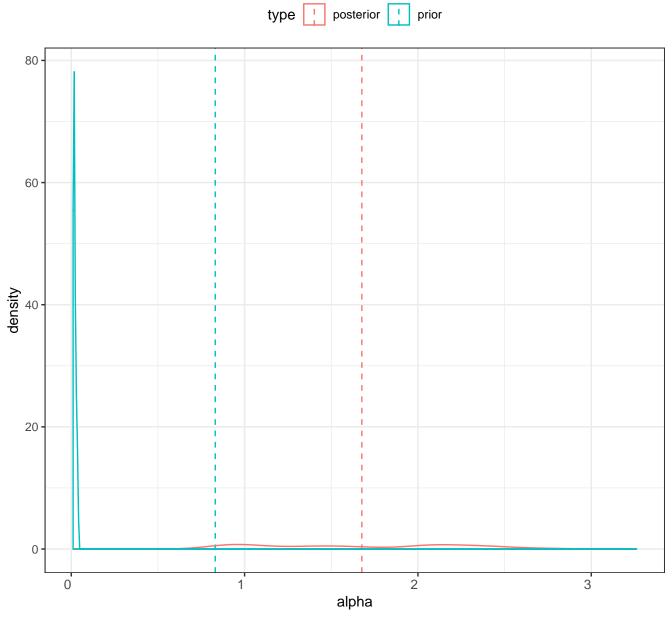


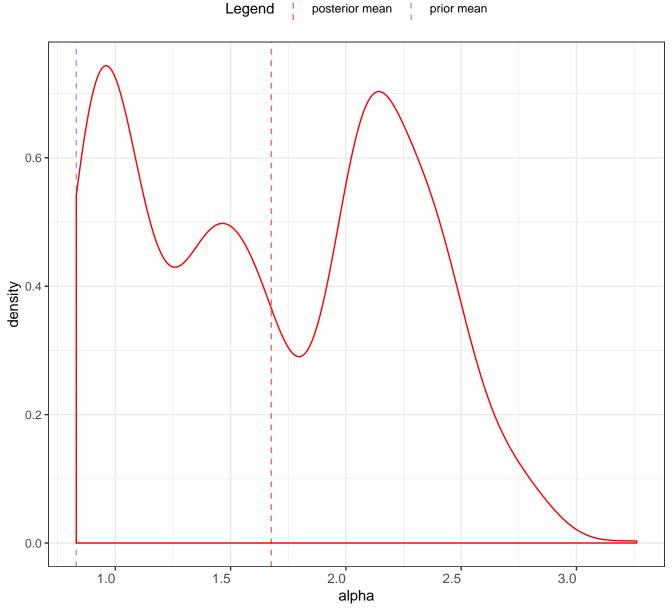


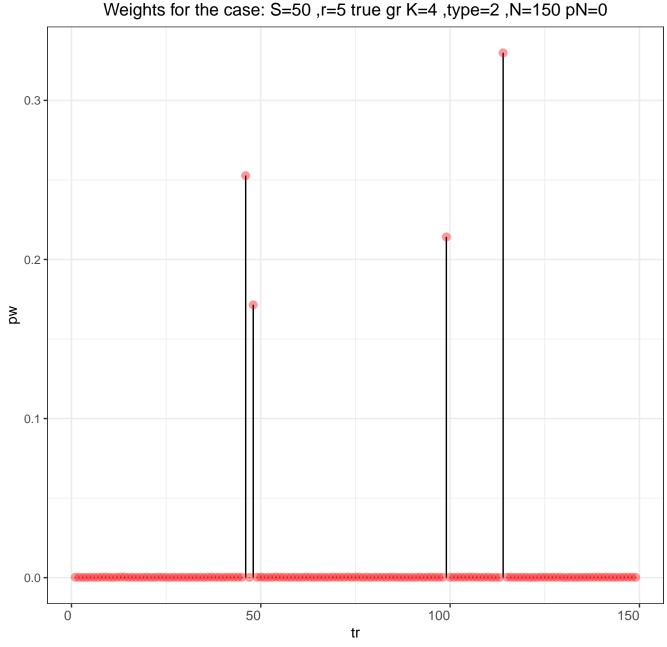
Weights for the case: S=50 ,r=5 true gr K=4 ,type=2 ,N=150 pN=0 0.2 ă 0.1 -0.0 50 150 100 tr

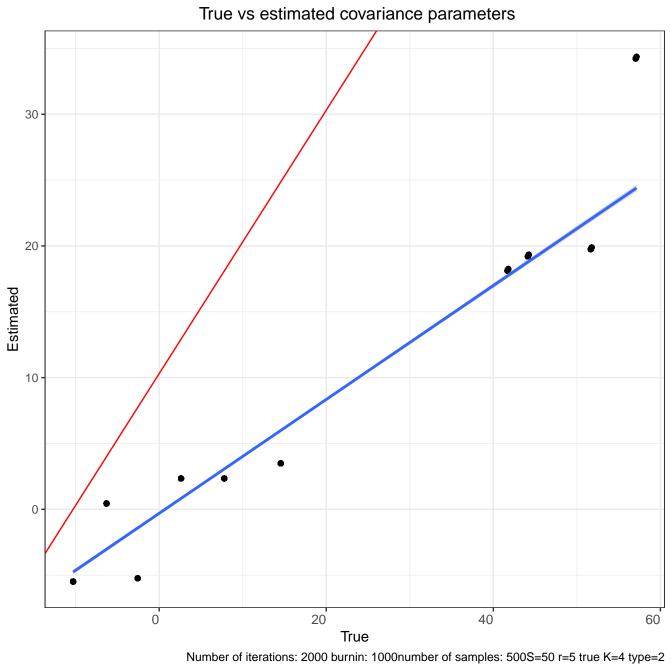




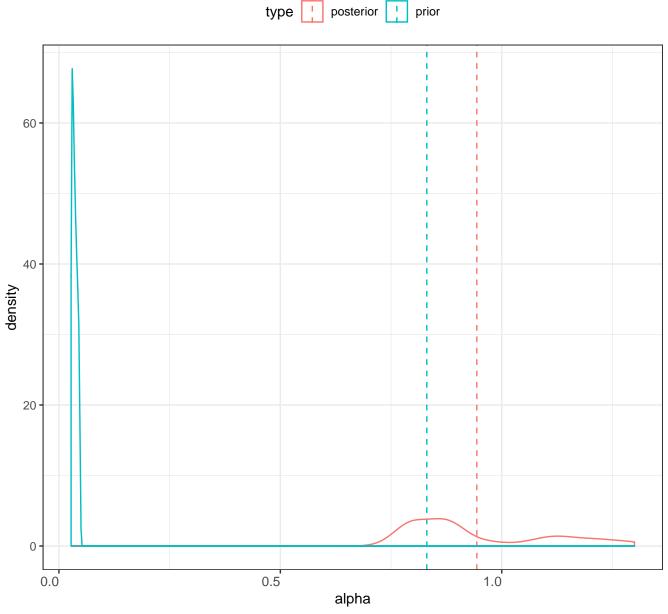


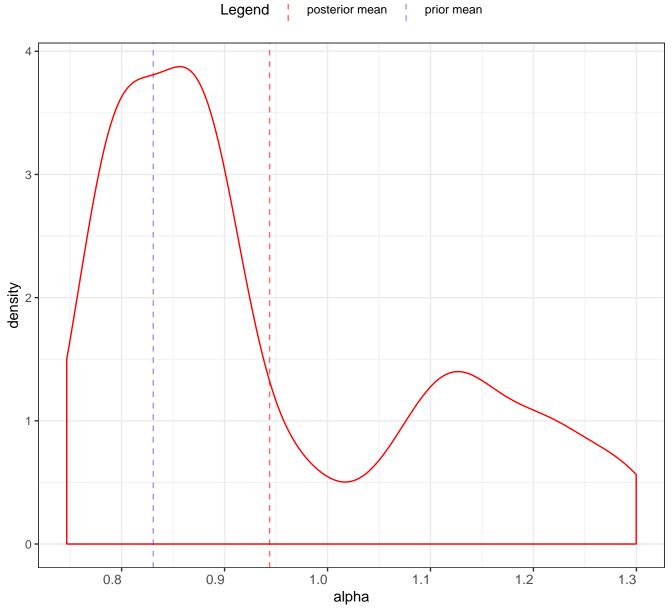




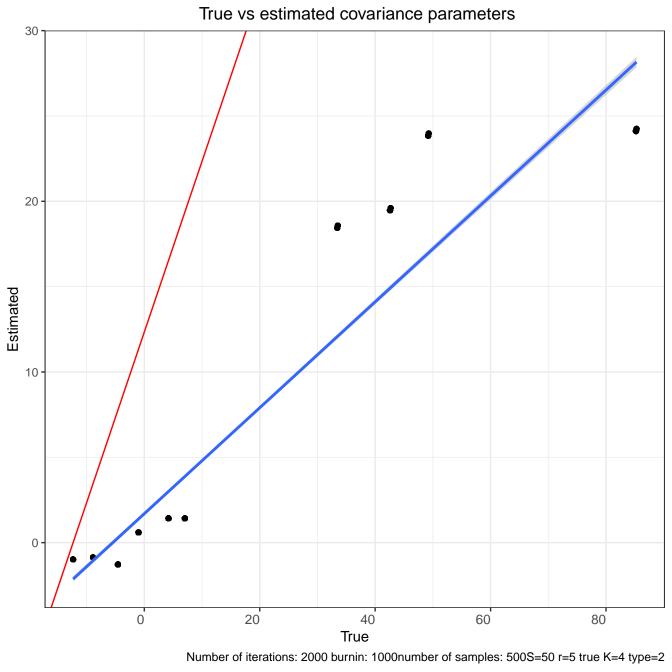


Trace plot for the number of groups K for S=50 r=5 true K=4 type=2 10 8 trace 6 -1000 2000 1500 500 iter

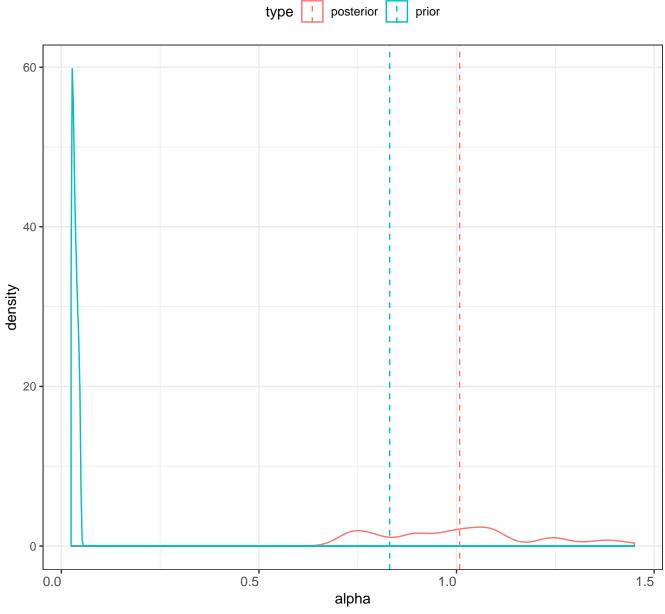


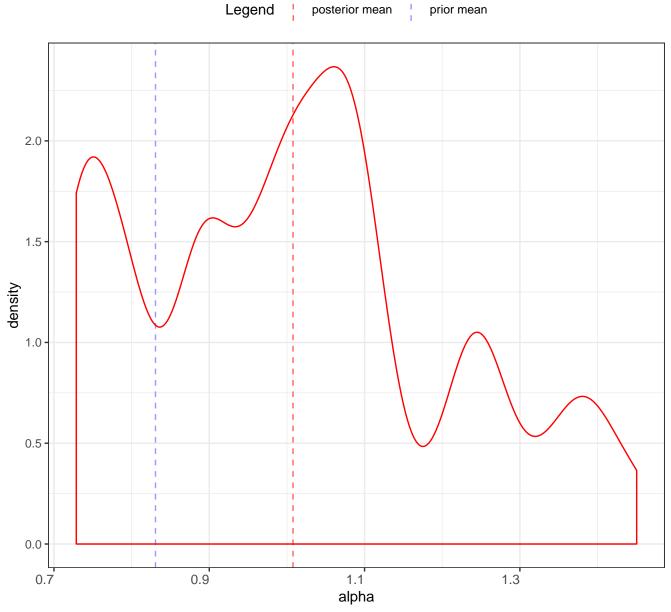


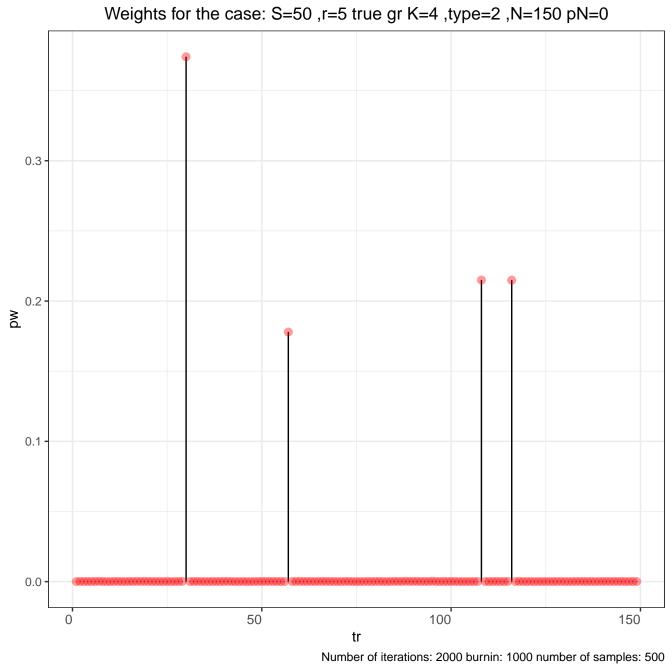
Weights for the case: S=50 ,r=5 true gr K=4 ,type=2 ,N=150 pN=0 0.3 0.2 ă 0.1 0.0 50 100 150 tr Number of iterations: 2000 burnin: 1000 number of samples: 500

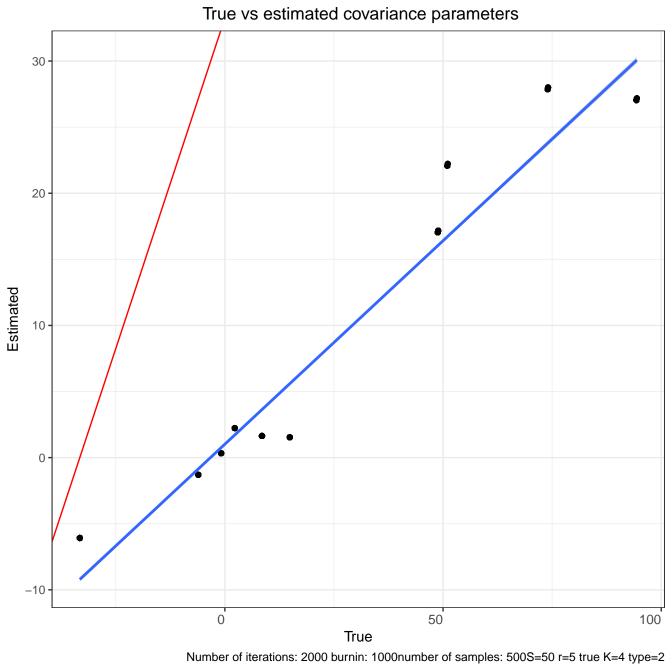


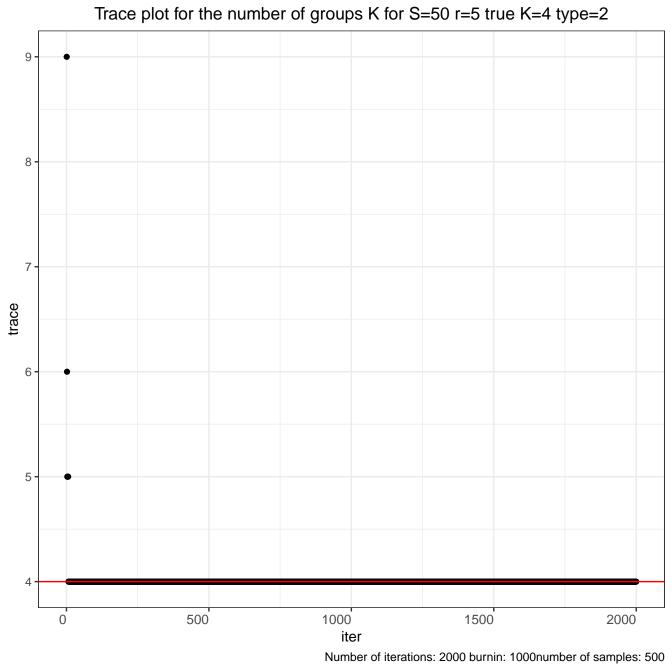
Trace plot for the number of groups K for S=50 r=5 true K=4 type=2 10 trace 6 -1000 2000 1500 500 iter

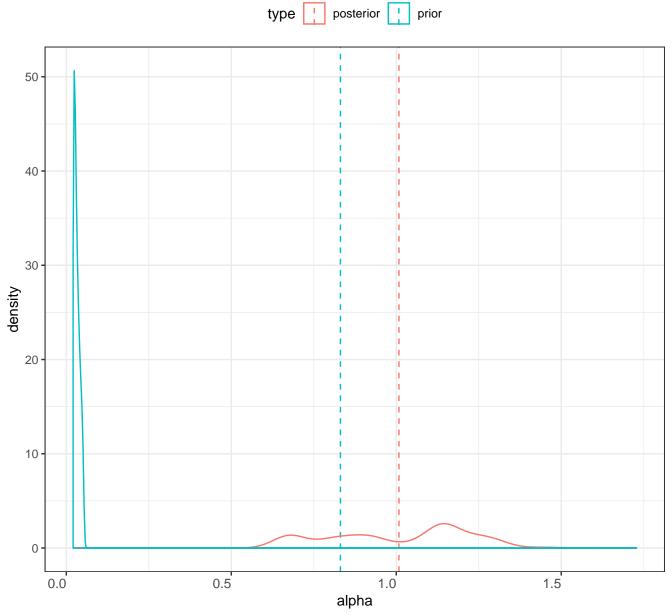


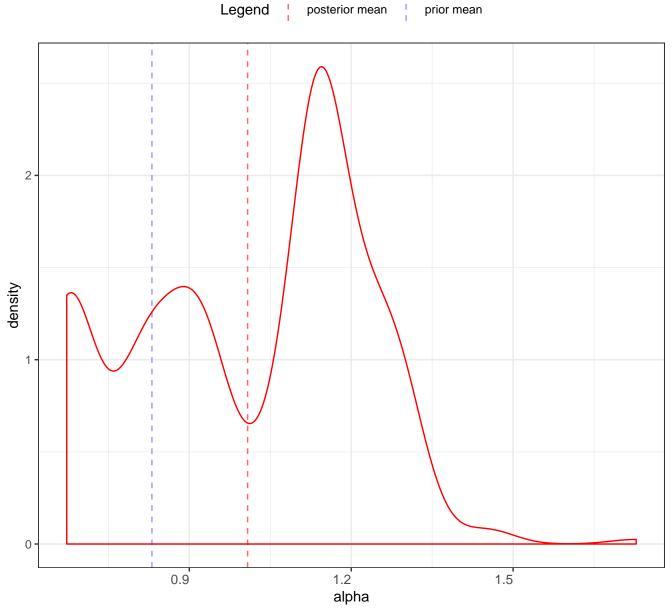


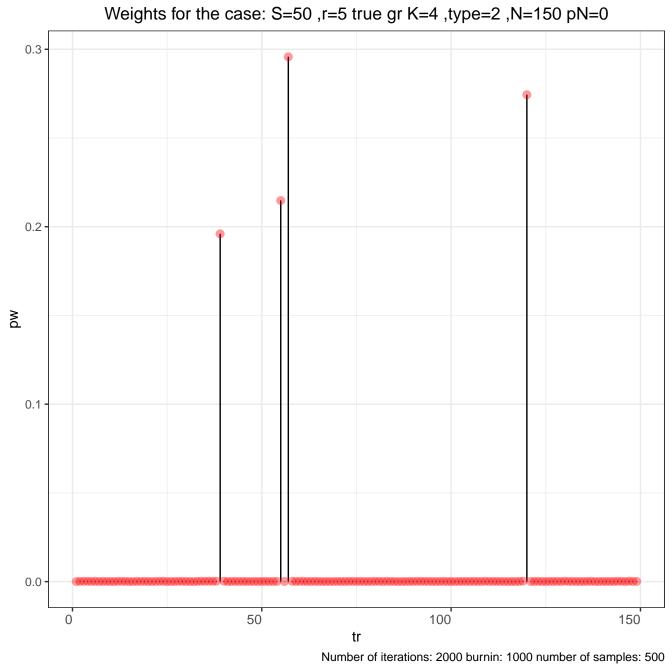


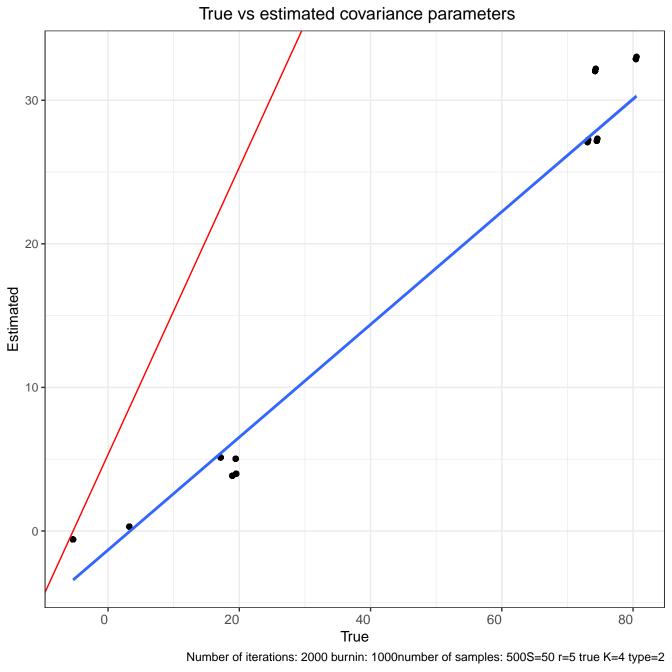




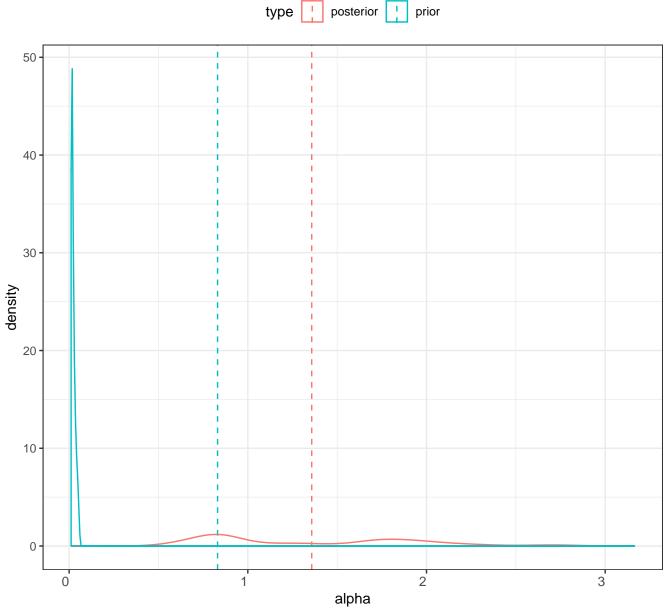


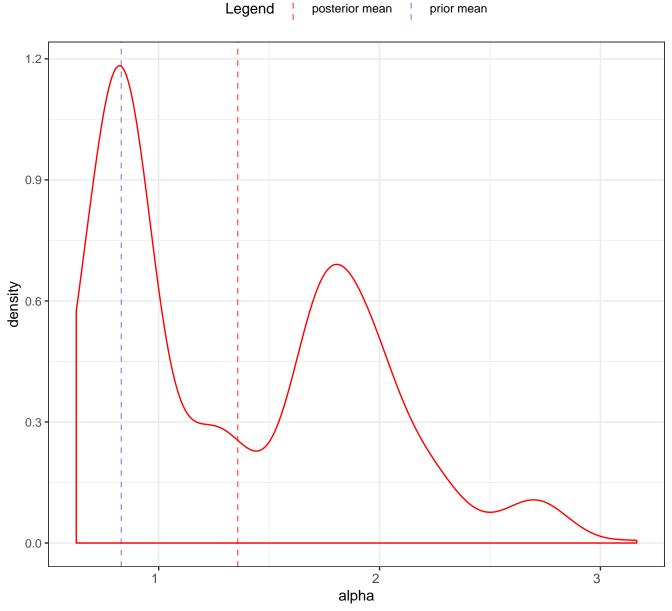


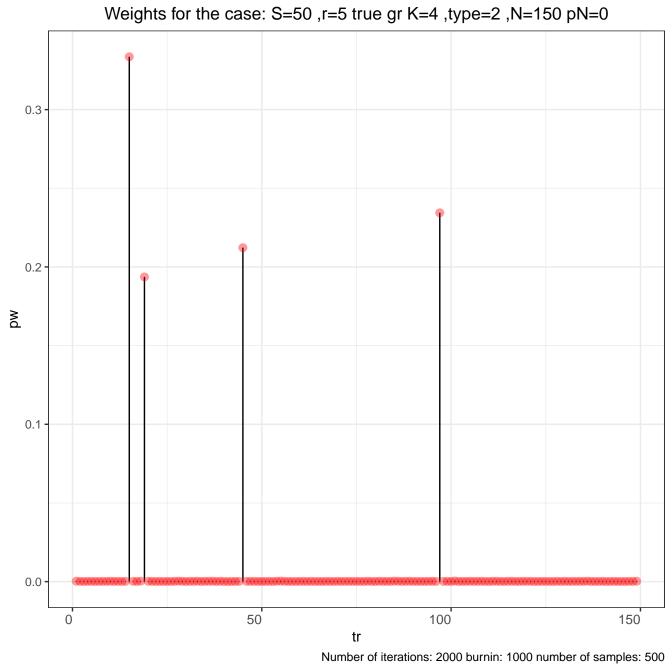


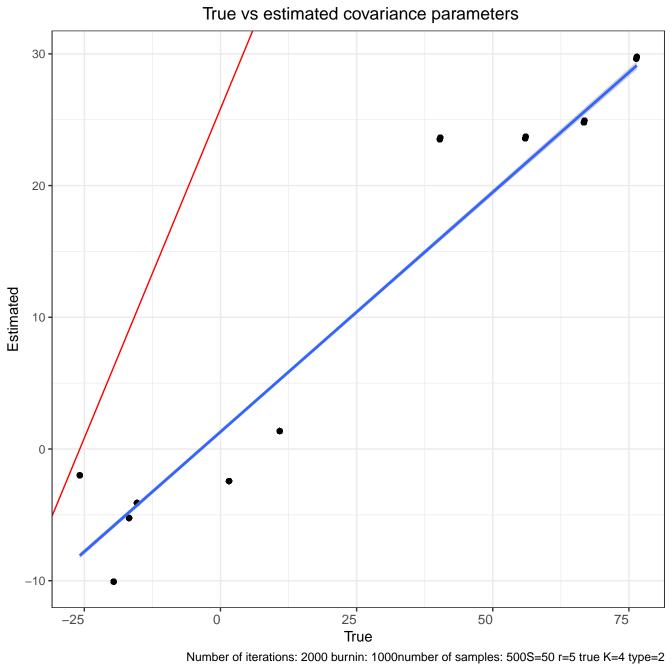


Trace plot for the number of groups K for S=50 r=5 true K=4 type=2 12 10 -6 -1000 2000 1500 500 iter



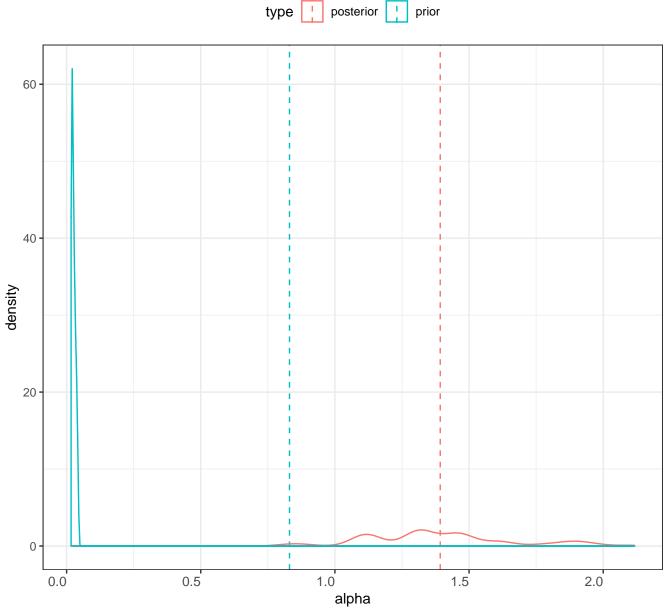


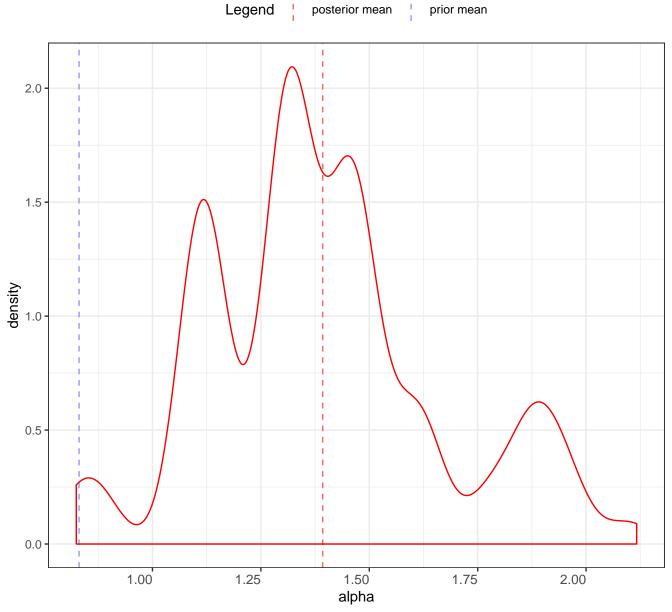




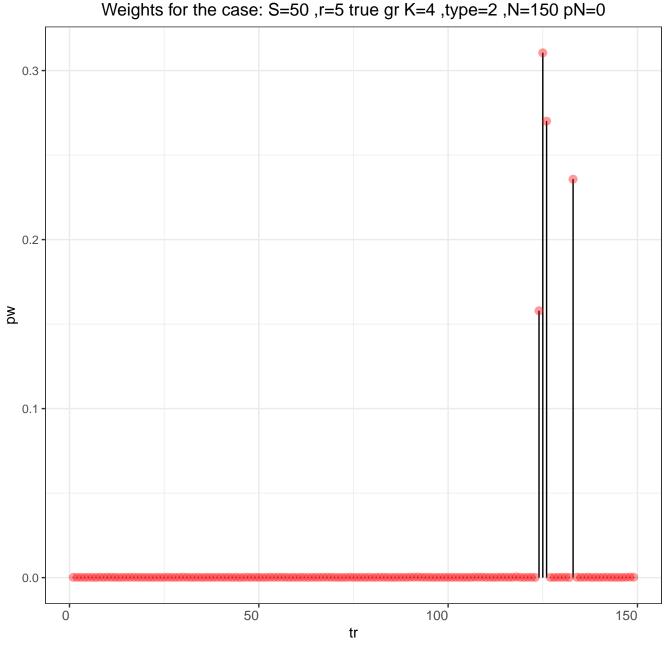
Trace plot for the number of groups K for S=50 r=5 true K=4 type=2 10 8 trace 6 -1000 2000 1500 500 iter

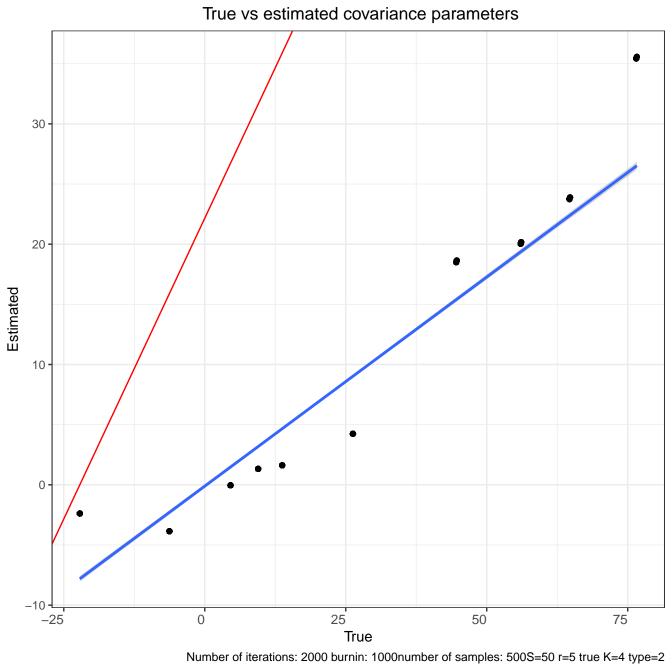
Distribution alpha: S=50 ,r=5 true gr K=4 ,type=2 ,N=150

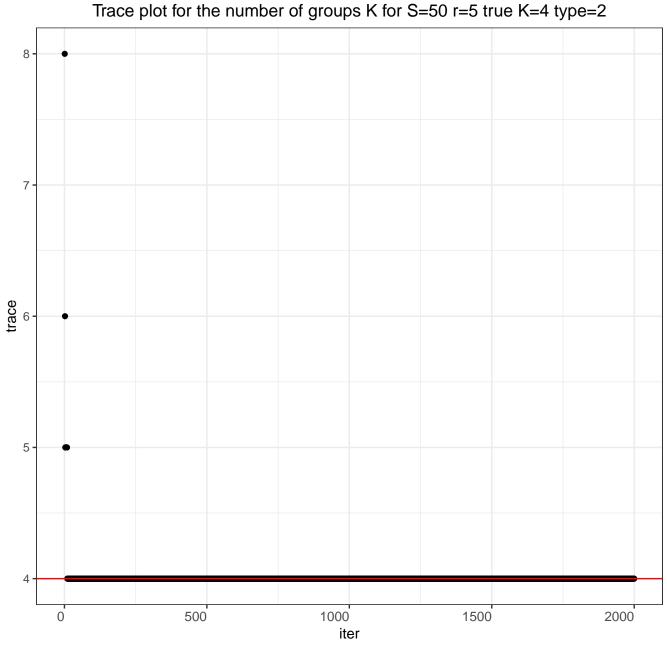




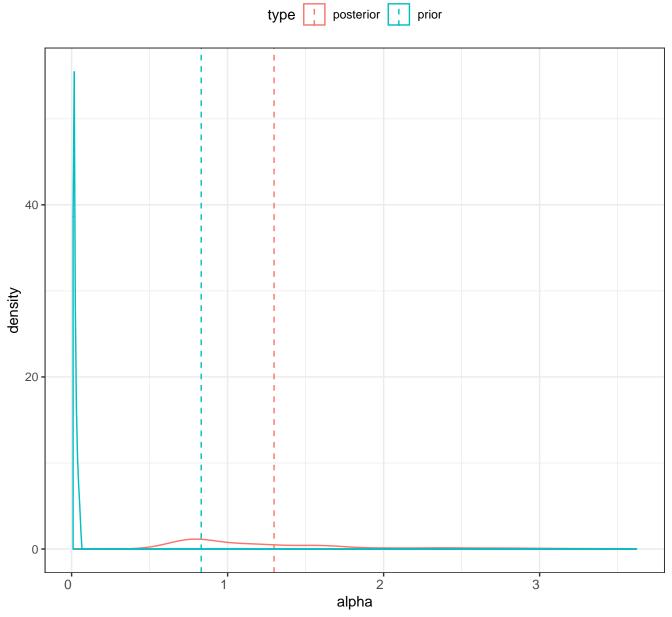
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=2 ,N=150

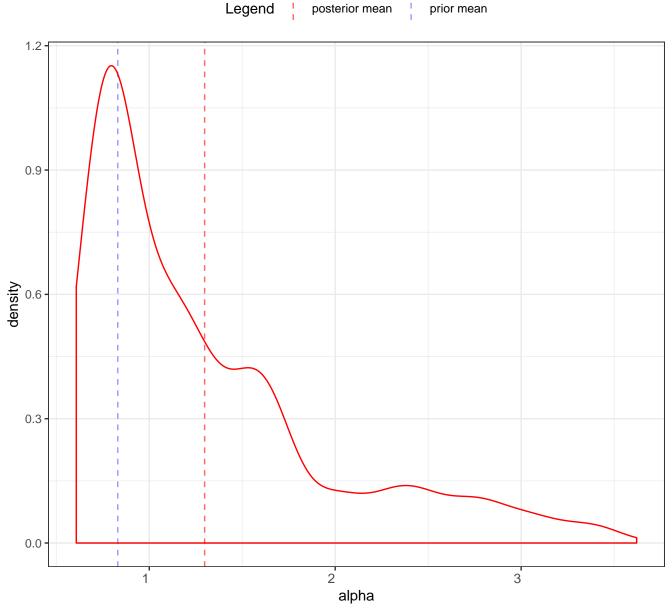






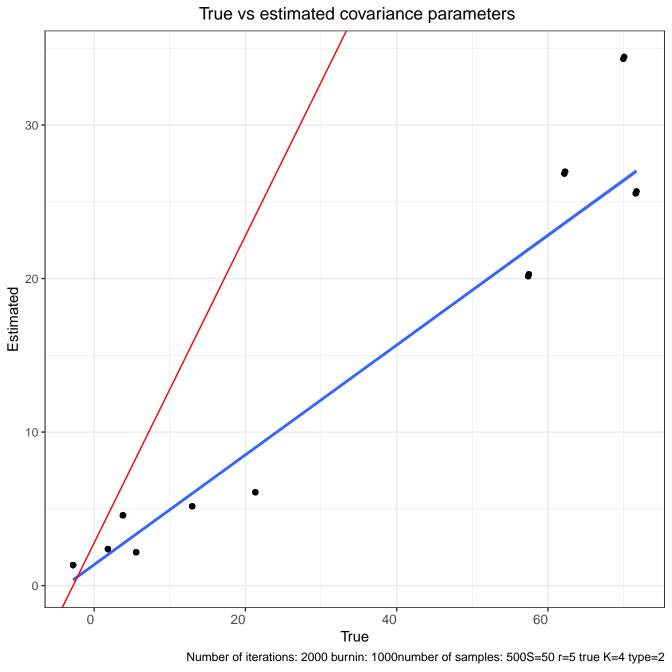
Distribution alpha: S=50 ,r=5 true gr K=4 ,type=2 ,N=150

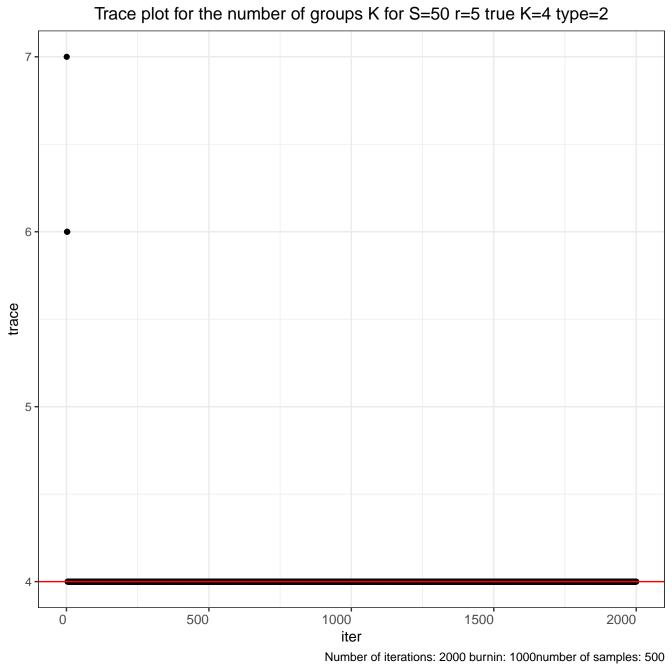




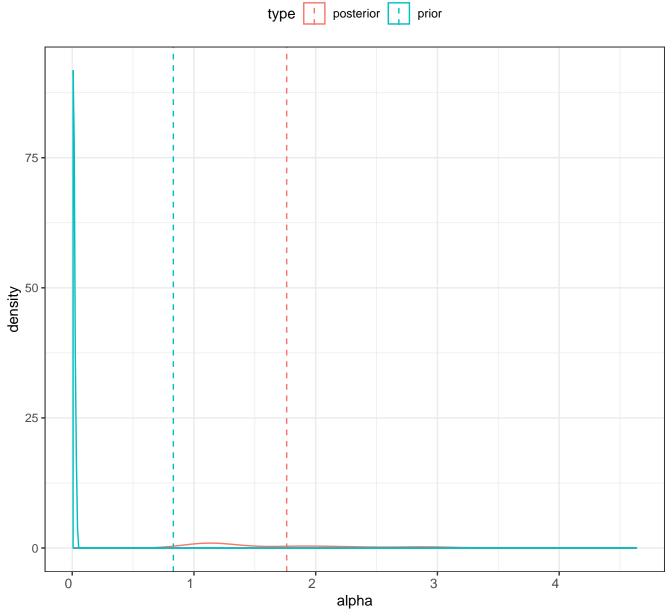
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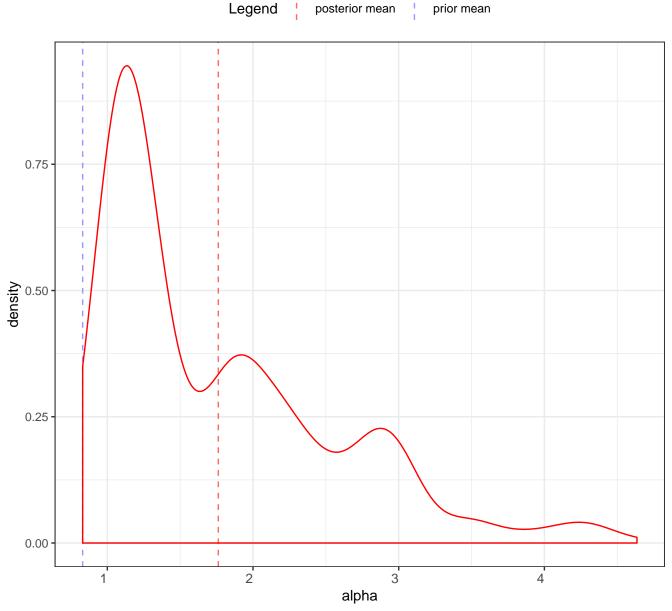
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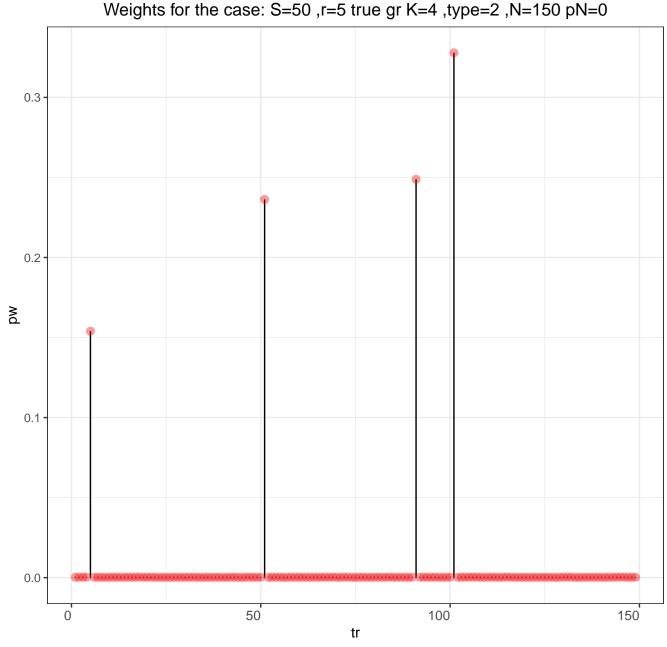


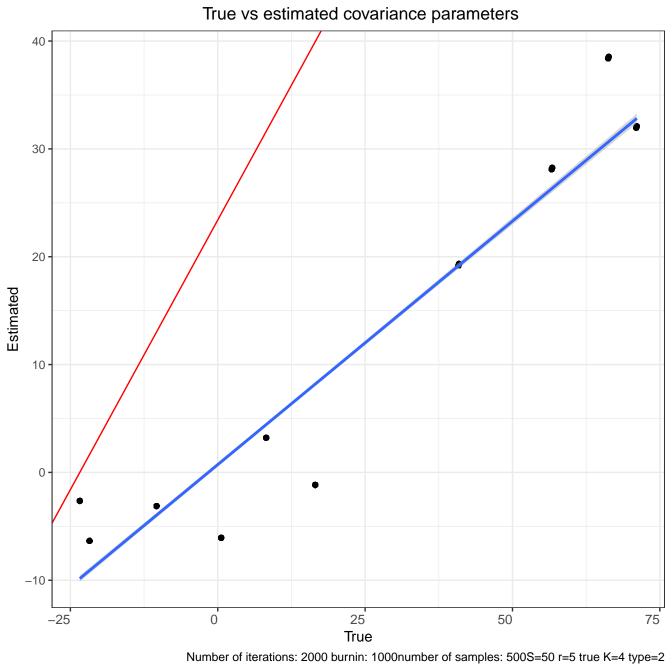
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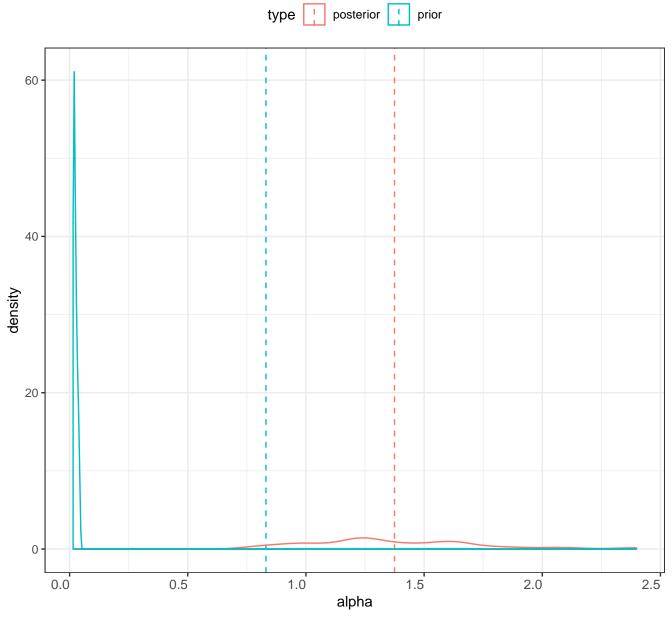
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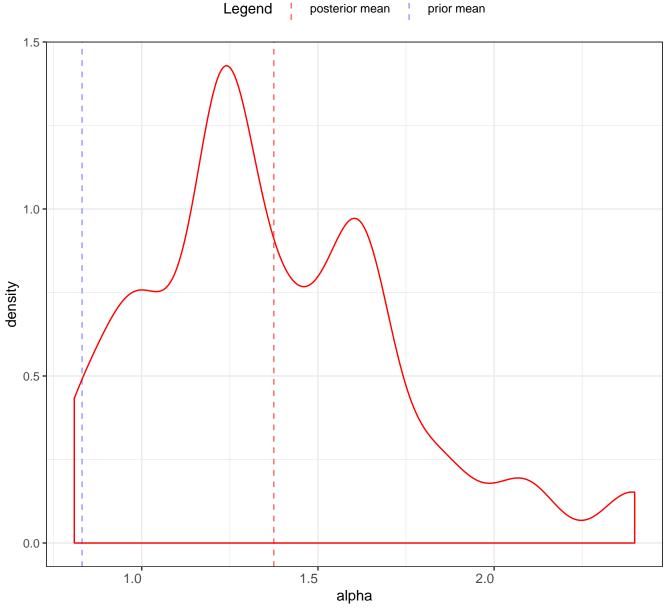




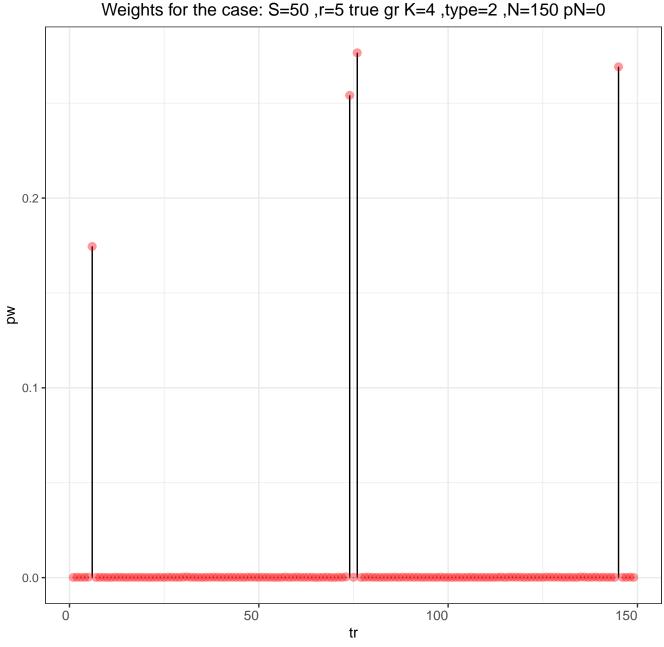
Trace plot for the number of groups K for S=50 r=5 true K=4 type=2 6 trace 5 500 1000 1500 2000 iter

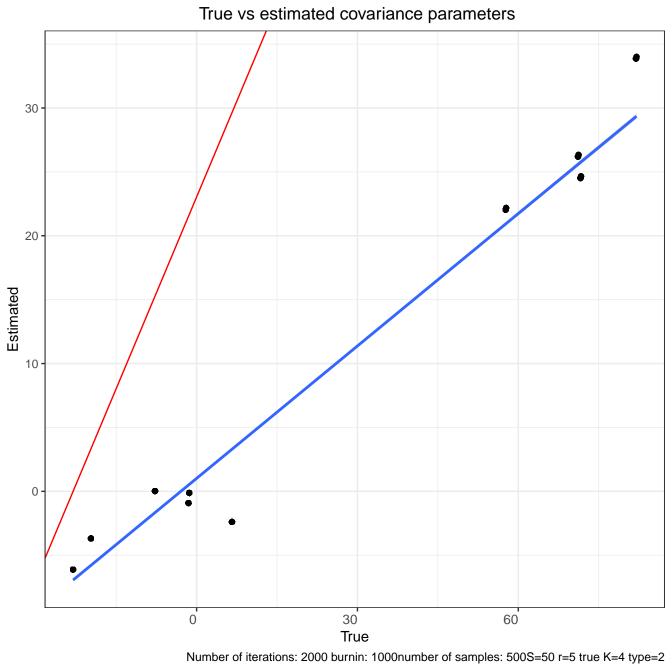
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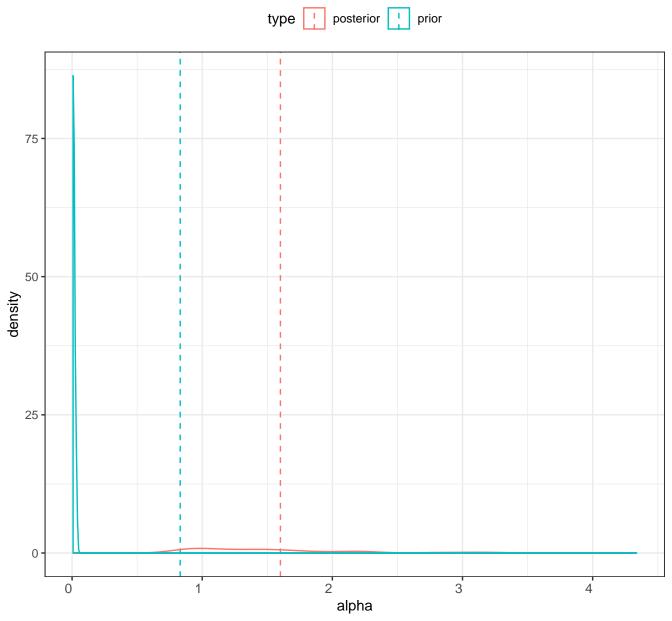
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=2 ,N=150

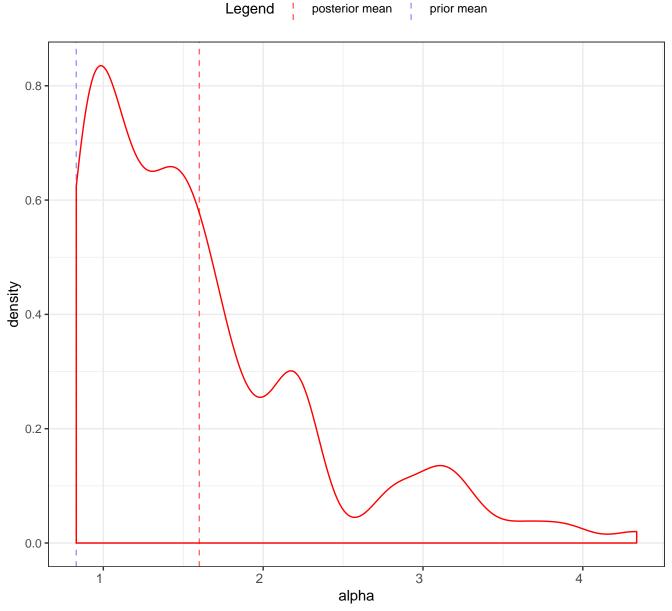




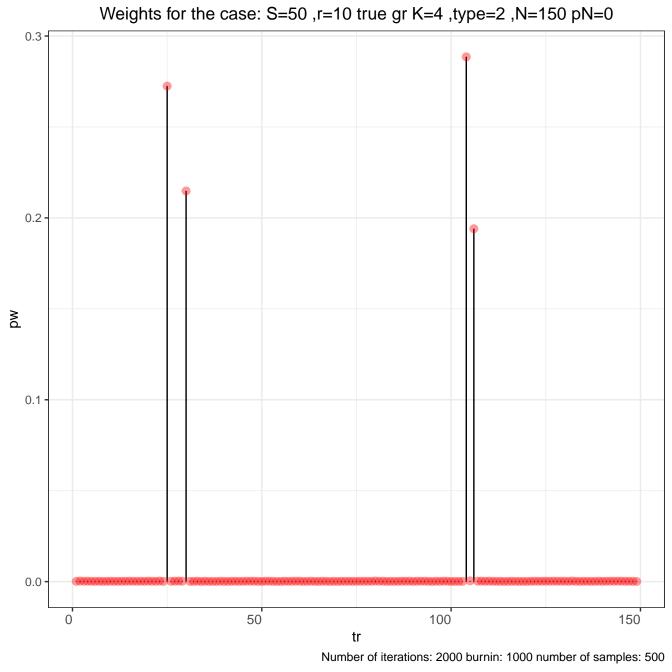
Trace plot for the number of groups K for S=50 r=10 true K=4 type=2 6 trace 5 500 1000 1500 2000 iter

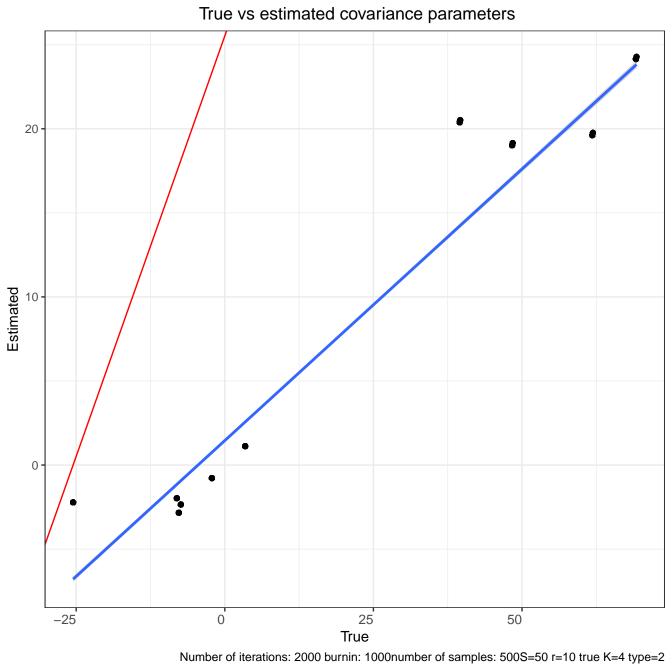
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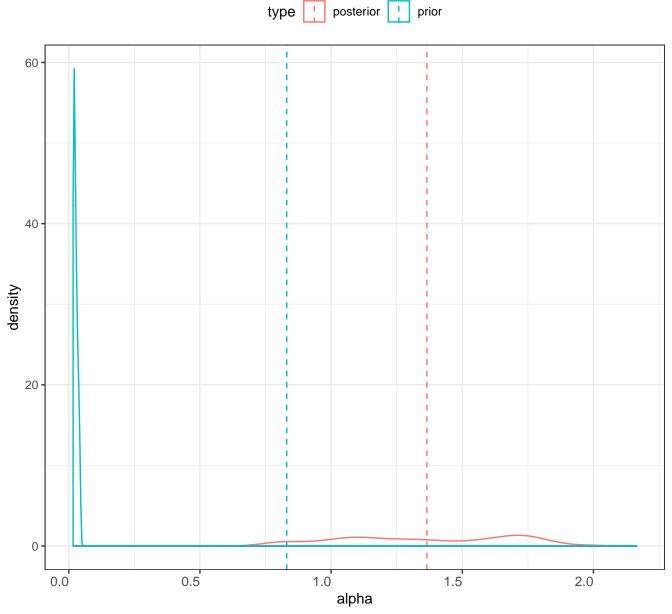
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=2 ,N=150

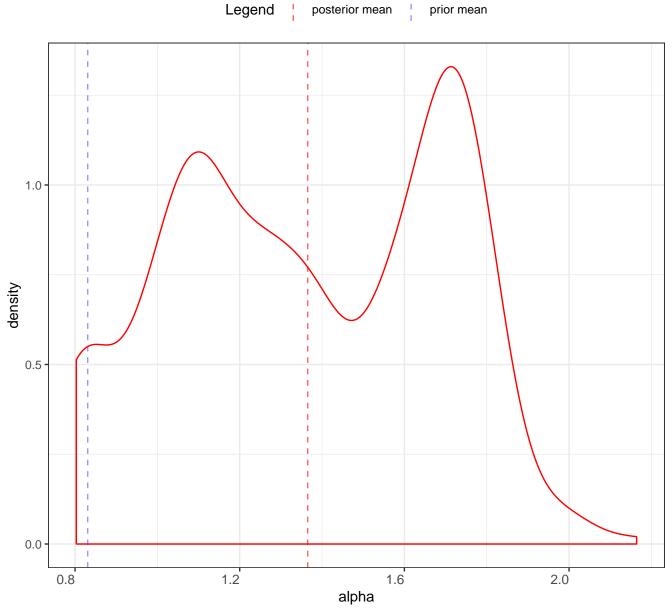




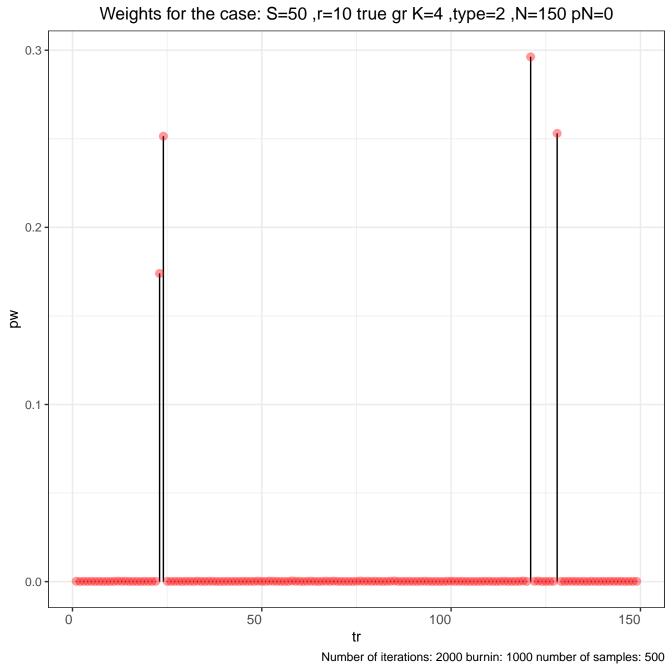
Trace plot for the number of groups K for S=50 r=10 true K=4 type=2 10 8 trace 6 -1000 2000 1500 500 iter

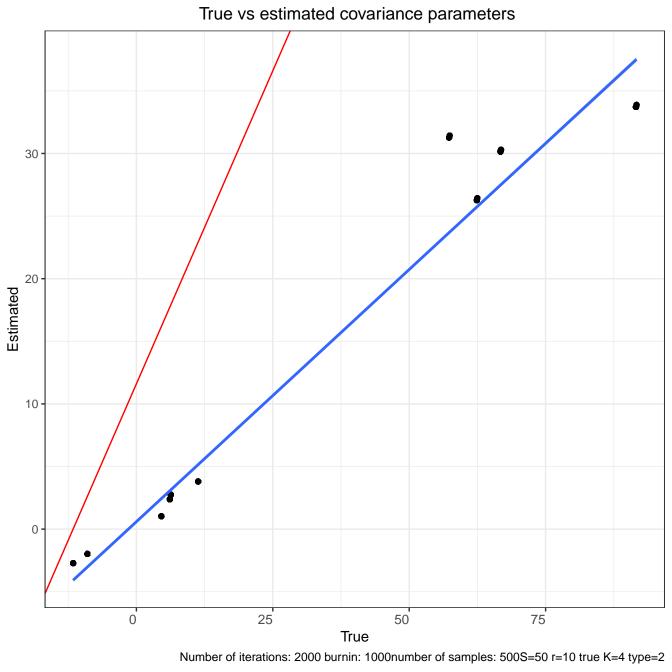
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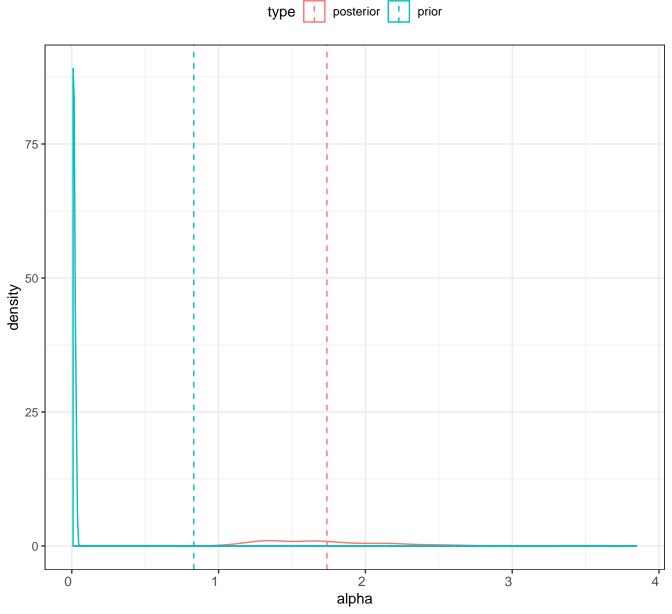
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=2 ,N=150

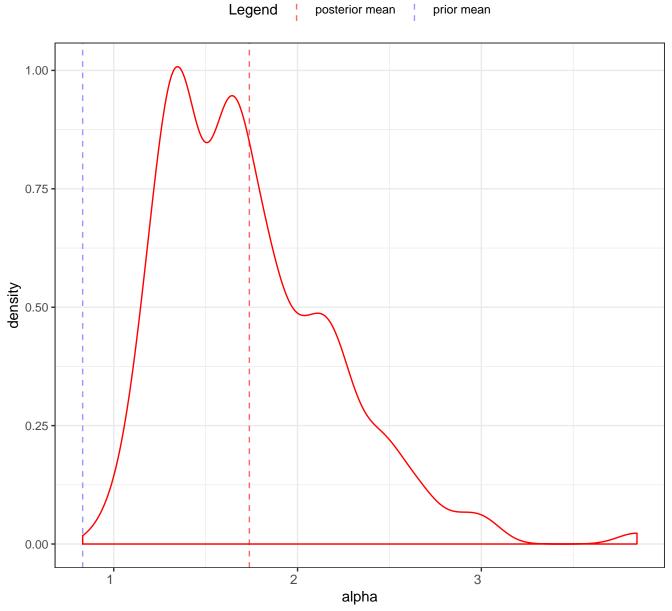




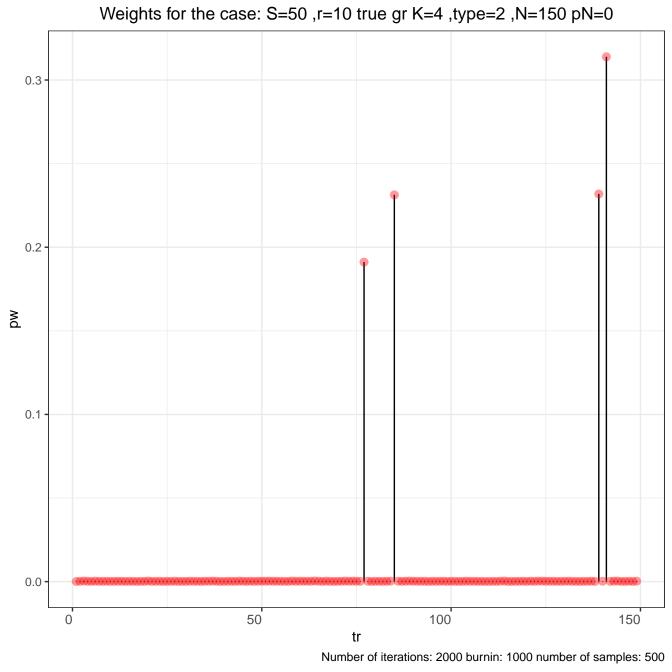
Trace plot for the number of groups K for S=50 r=10 true K=4 type=2 10 8 trace 6 -1000 2000 1500 500 iter

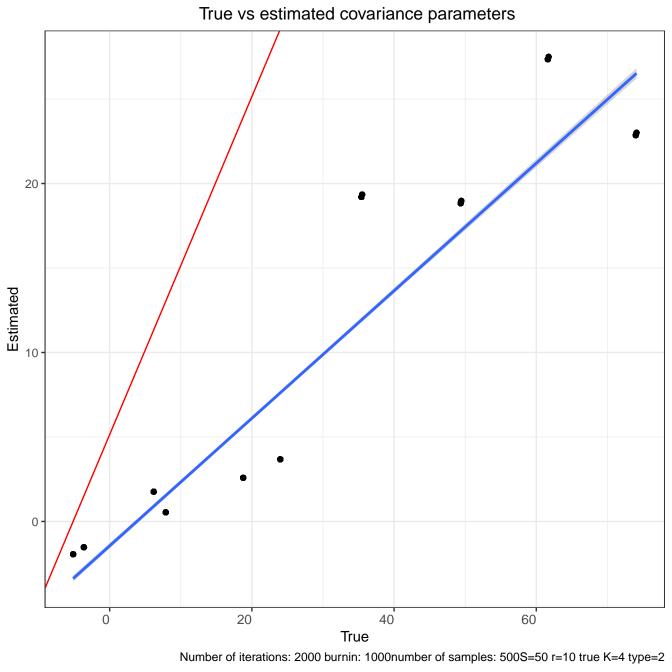
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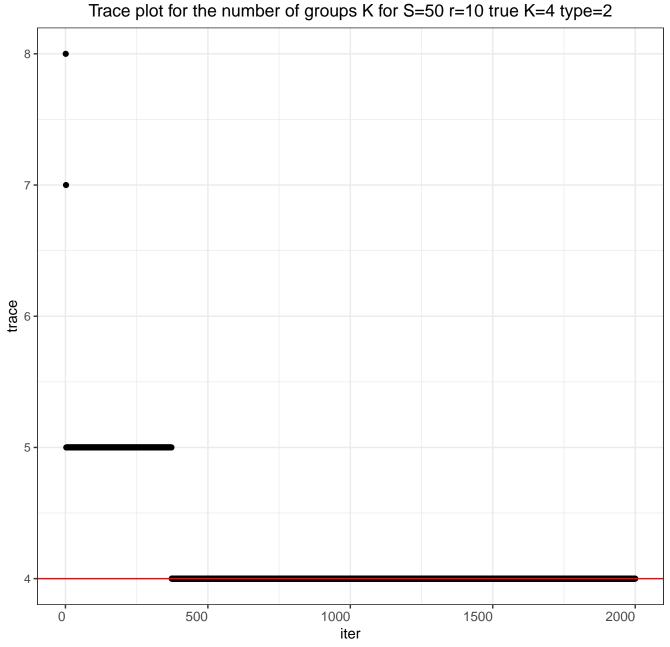


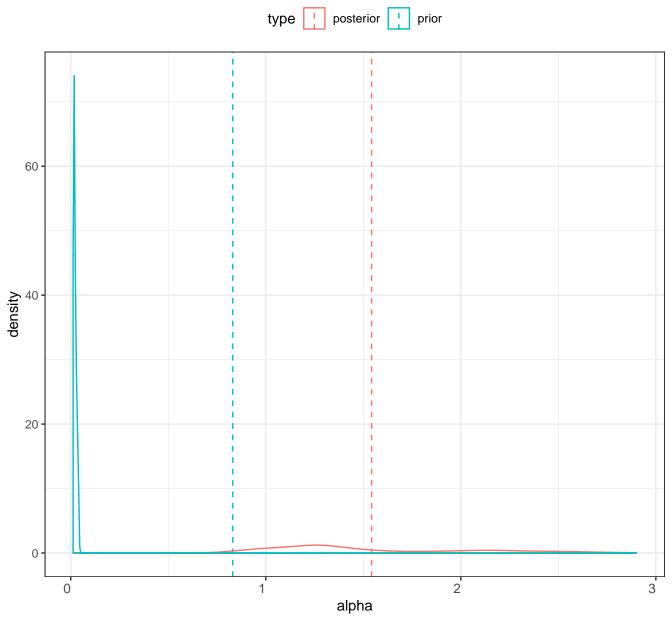


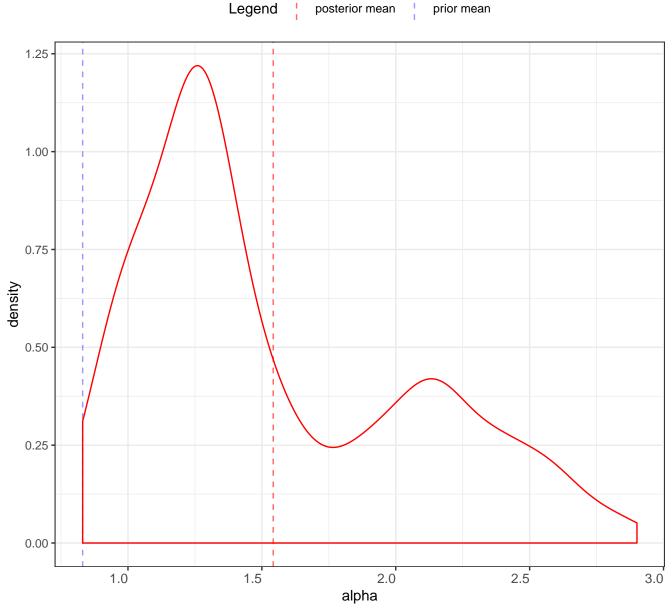
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=2 ,N=150

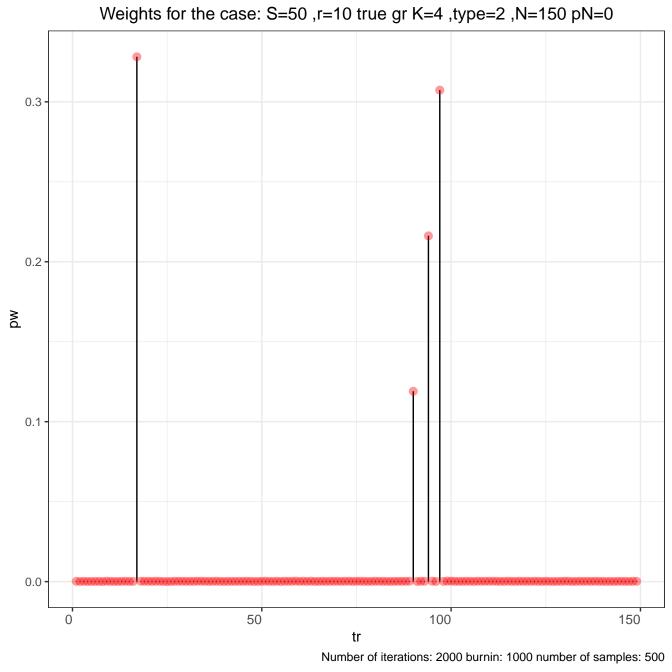


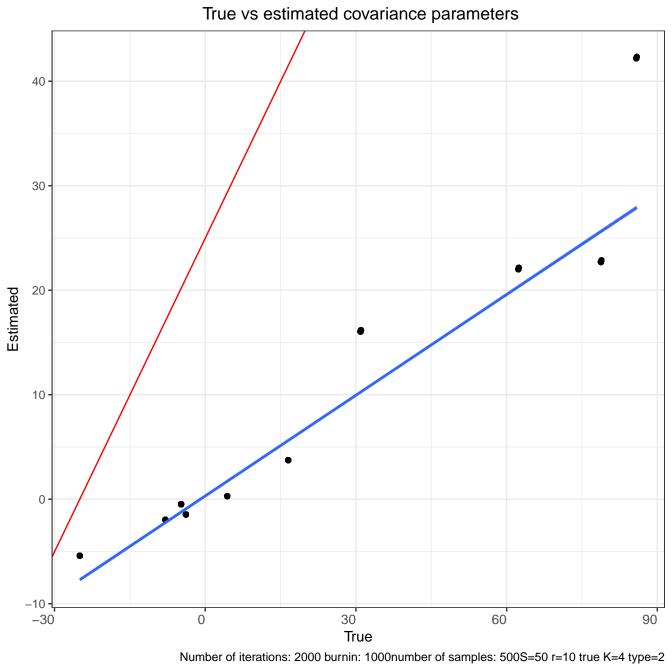












Trace plot for the number of groups K for S=50 r=10 true K=4 type=2 6 trace 5 500 1000 1500 2000 iter

40 -

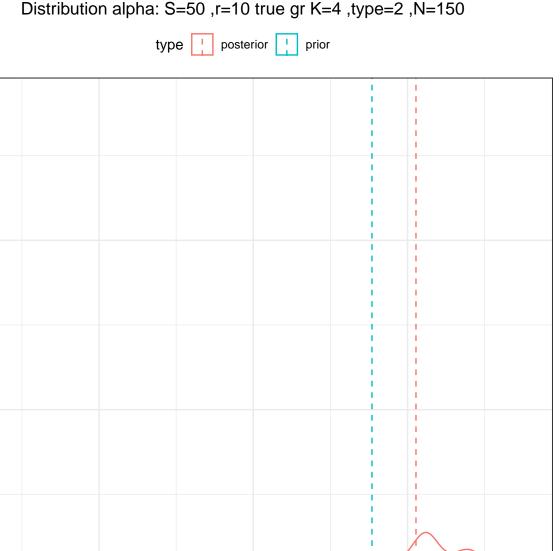
density

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0 -

0.0

0.3

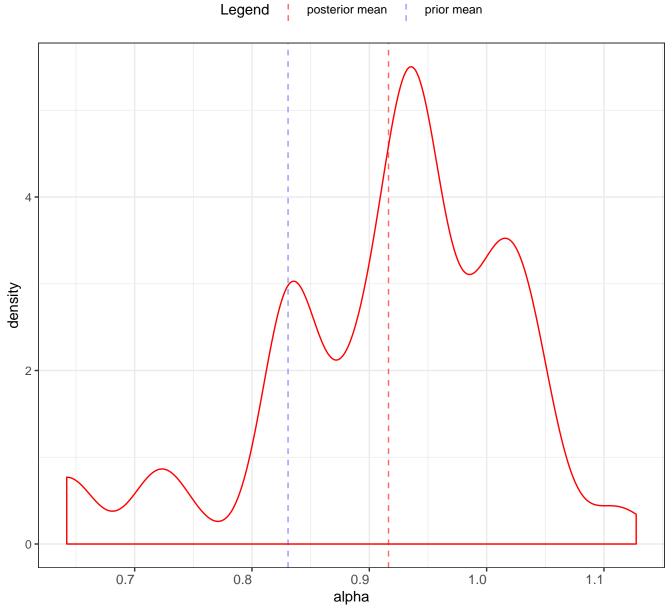


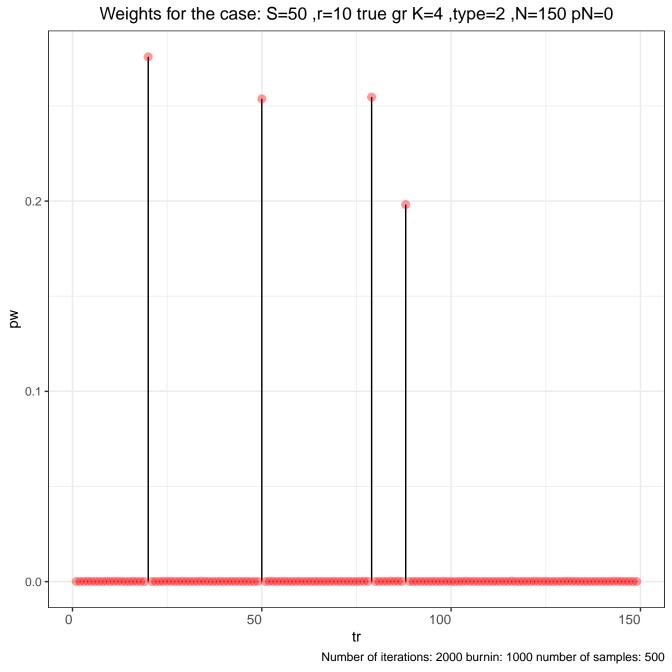
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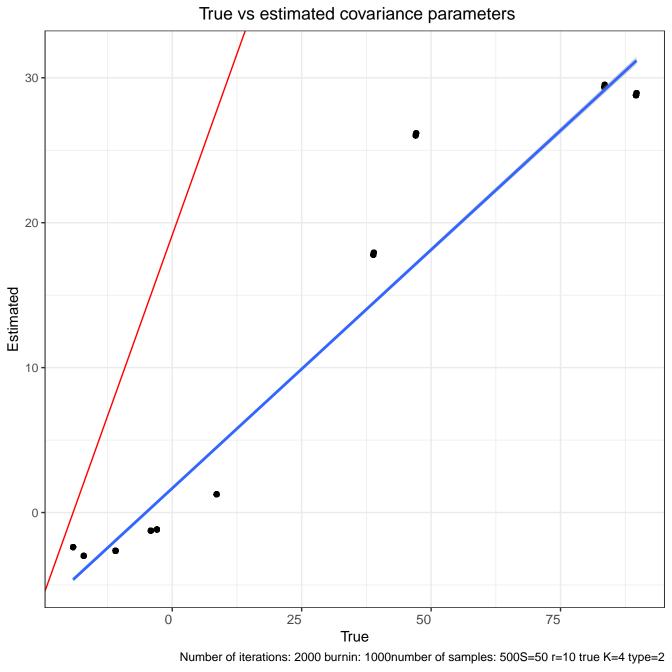
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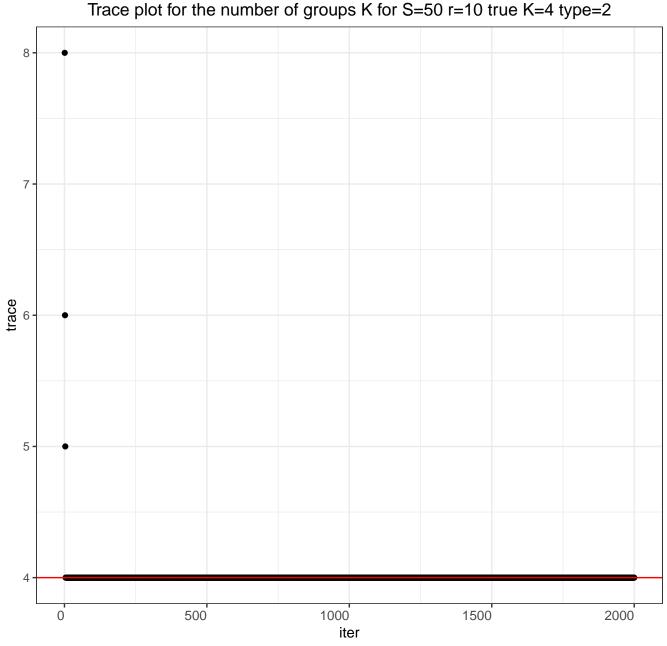
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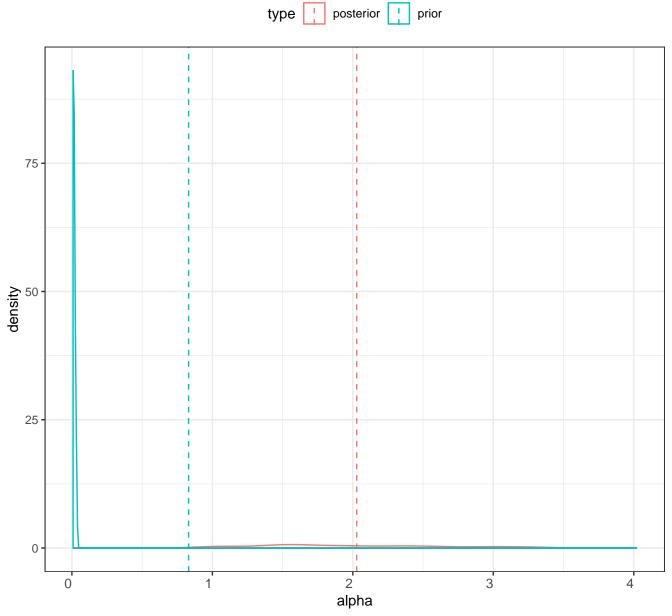
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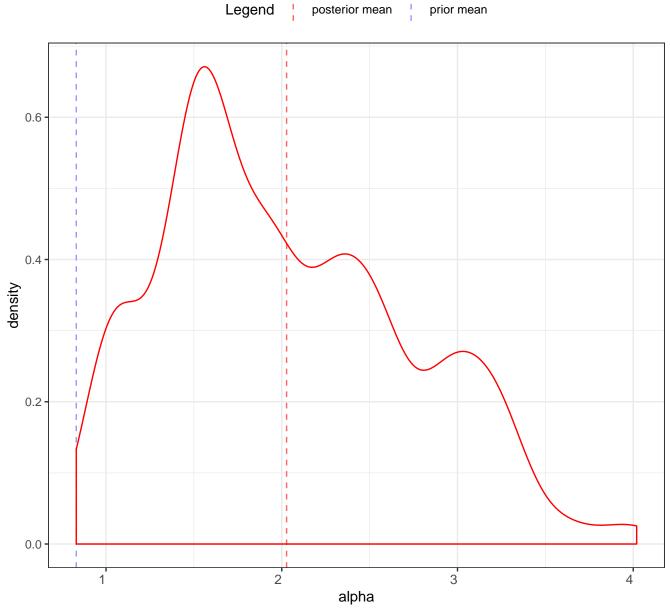


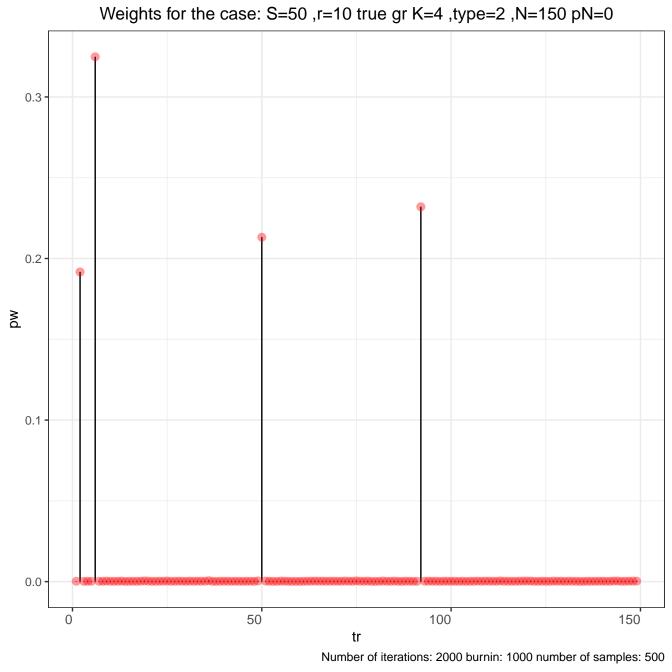


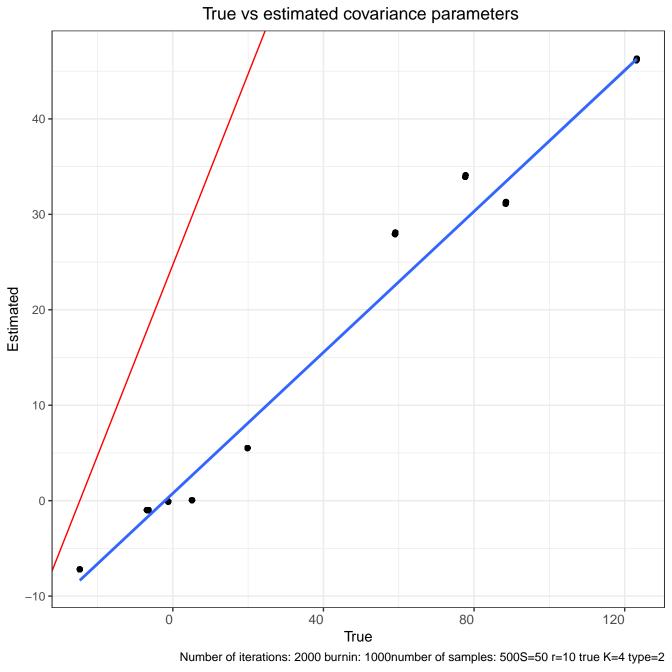




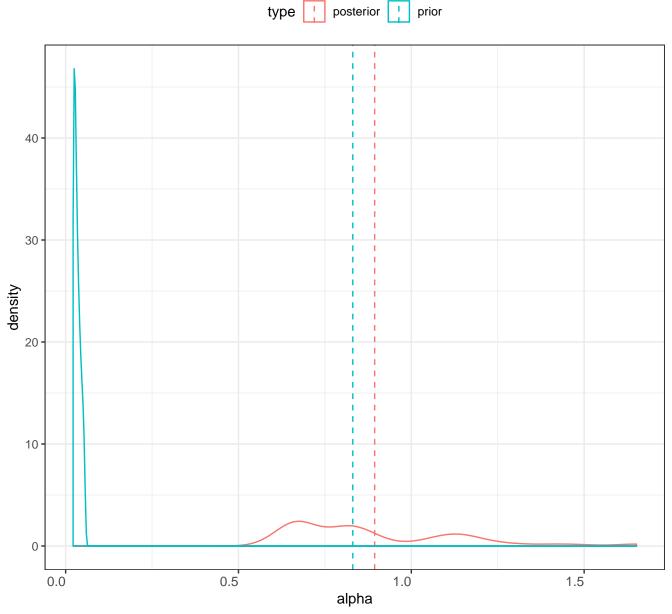


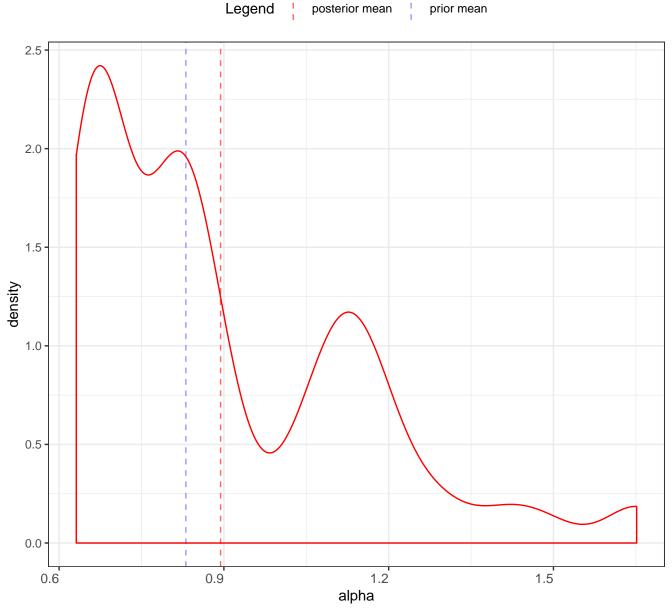




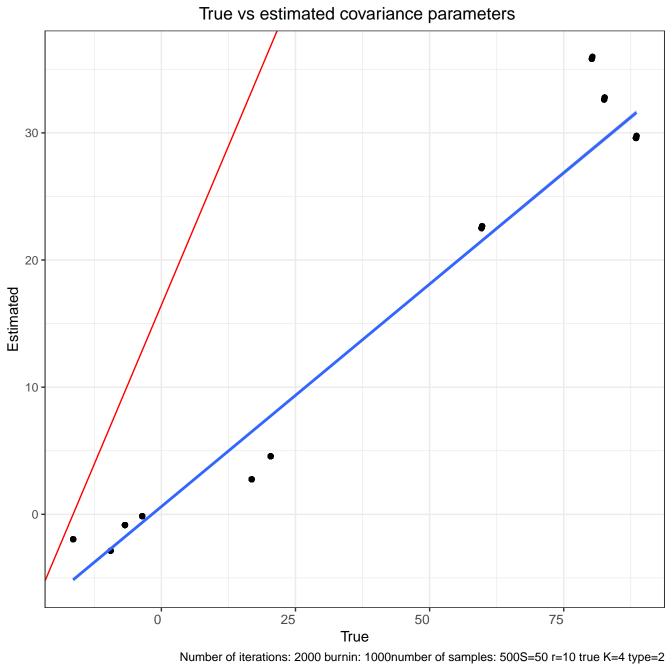


Trace plot for the number of groups K for S=50 r=10 true K=4 type=2 6 trace 5 500 1000 1500 2000 iter



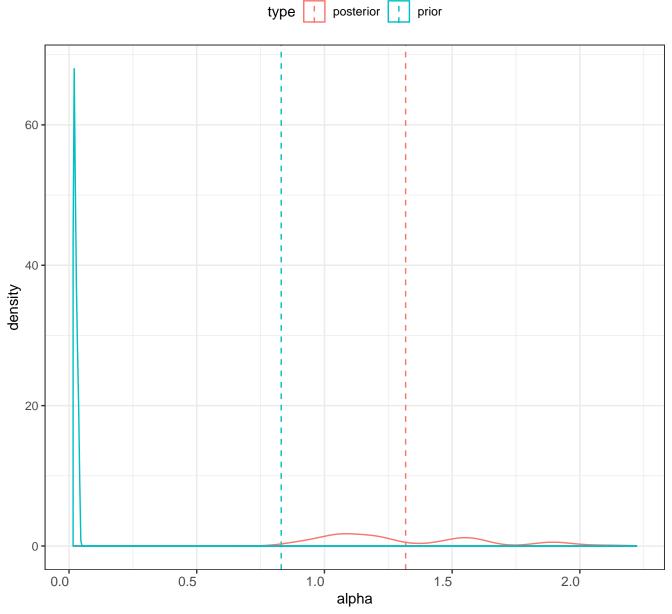


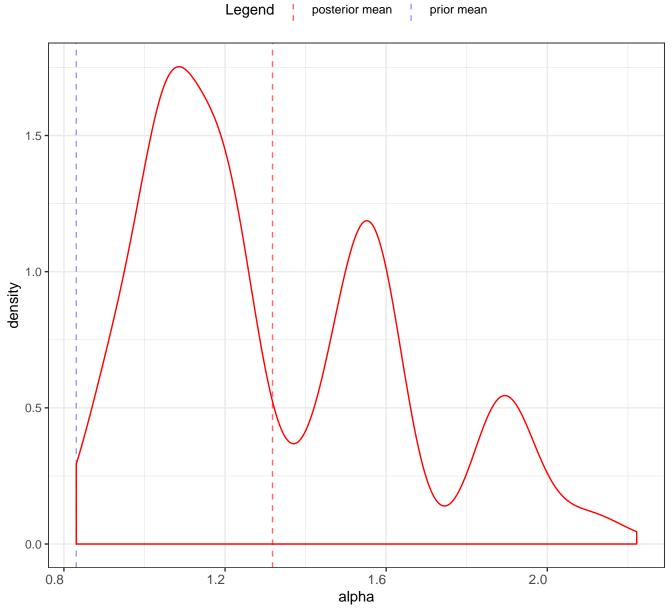
Weights for the case: S=50 ,r=10 true gr K=4 ,type=2 ,N=150 pN=0 0.3 0.2 ă 0.1 0.0 50 100 150 tr

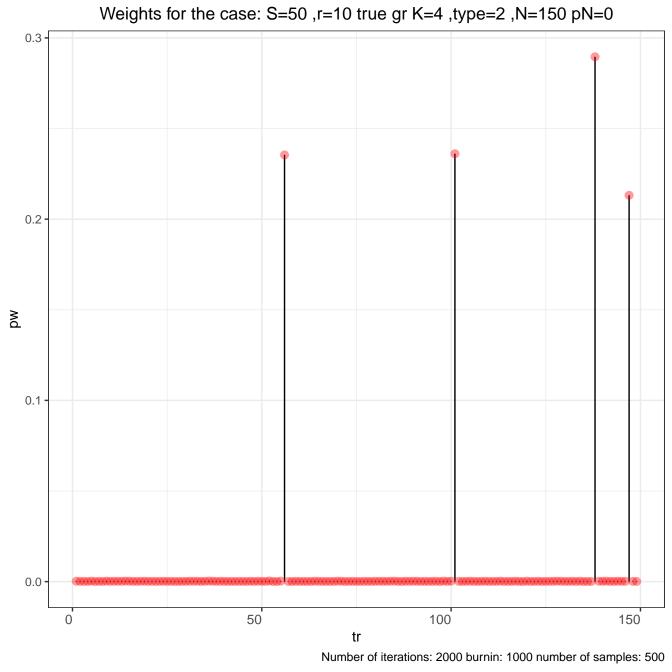


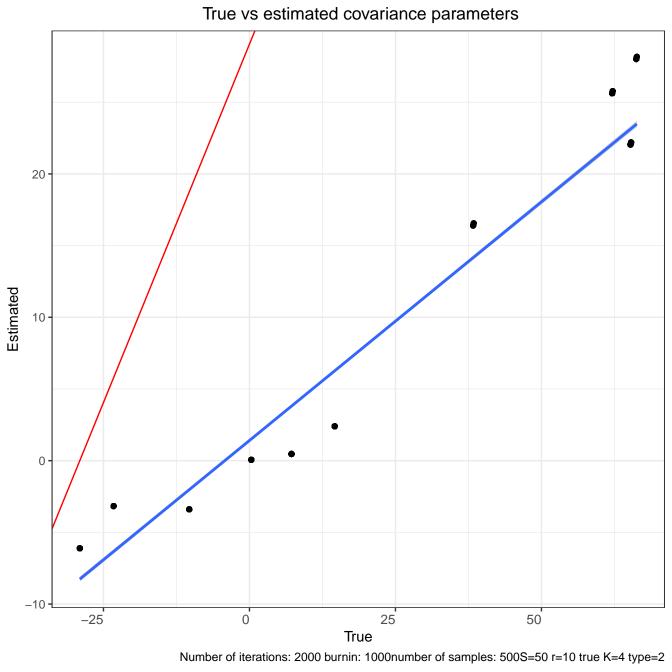
Trace plot for the number of groups K for S=50 r=10 true K=4 type=2 10 8 trace 6 -1000 2000 1500 500 iter

Distribution alpha: S=50 ,r=10 true gr K=4 ,type=2 ,N=150

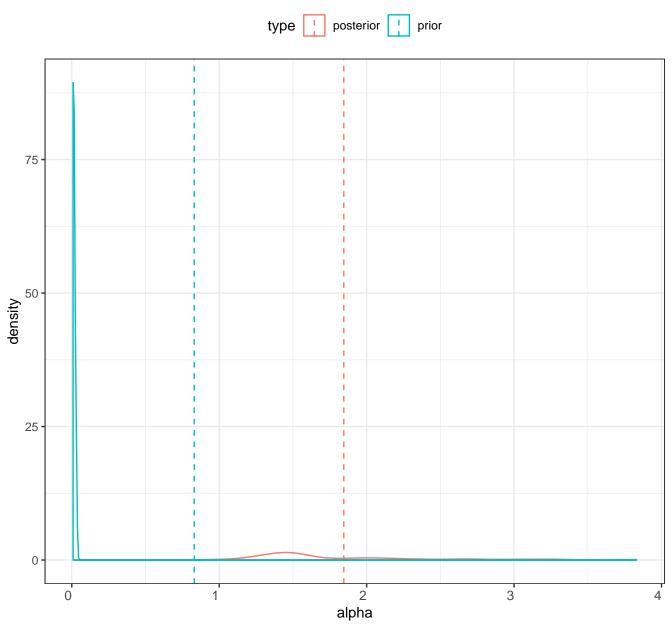


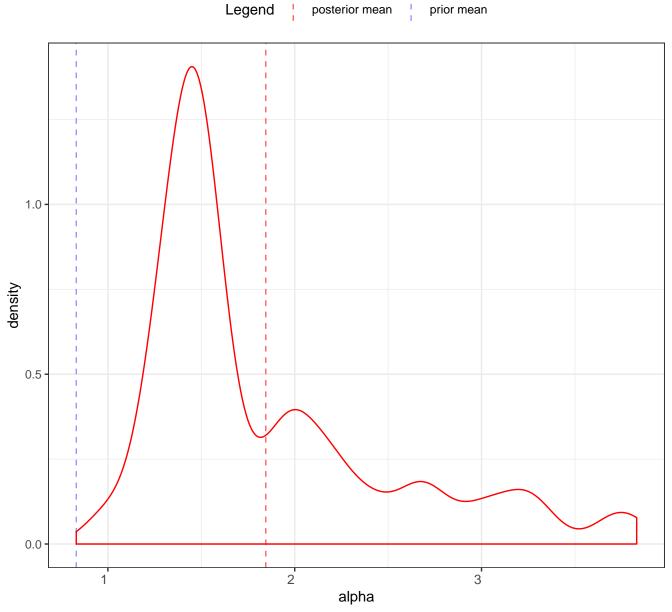


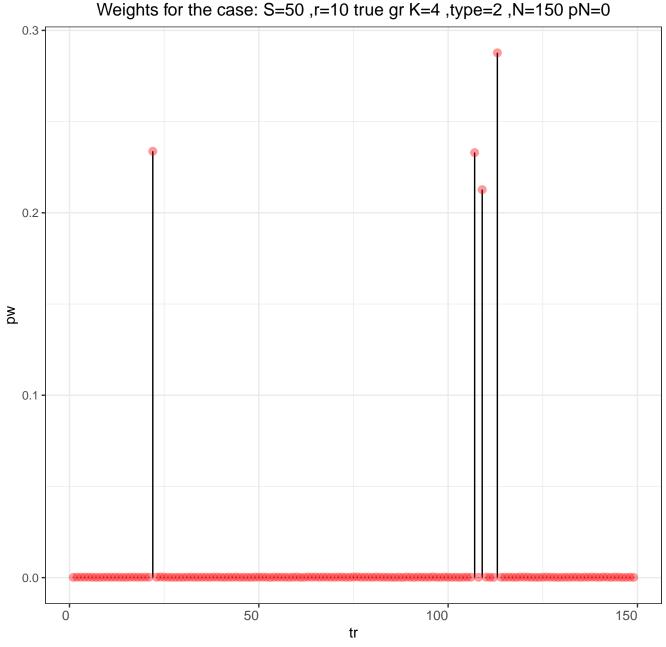


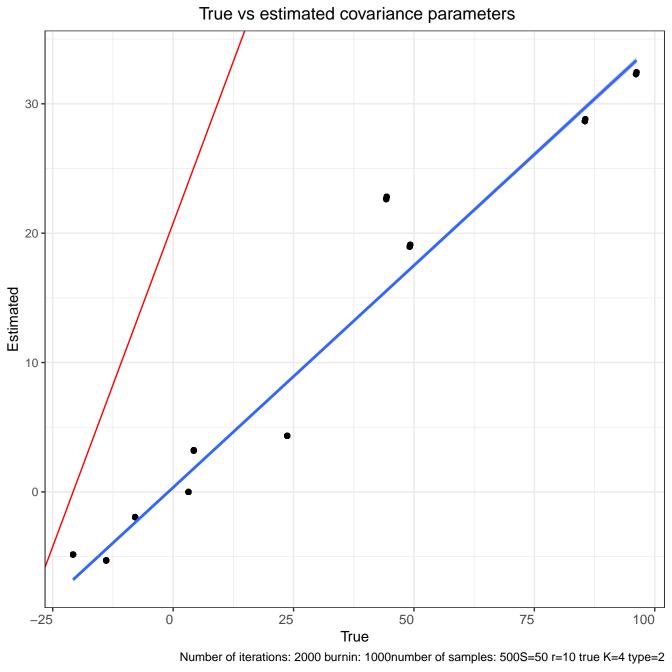


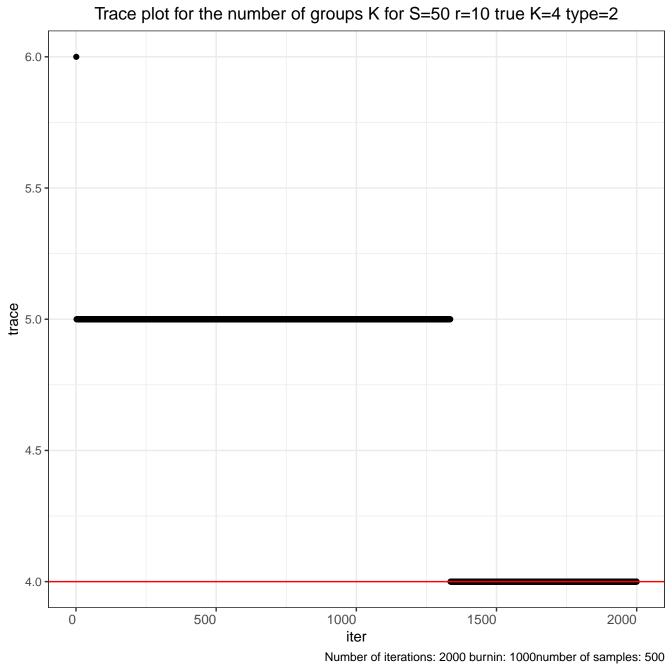
Trace plot for the number of groups K for S=50 r=10 true K=4 type=2 6 trace 5 500 1000 1500 2000 iter

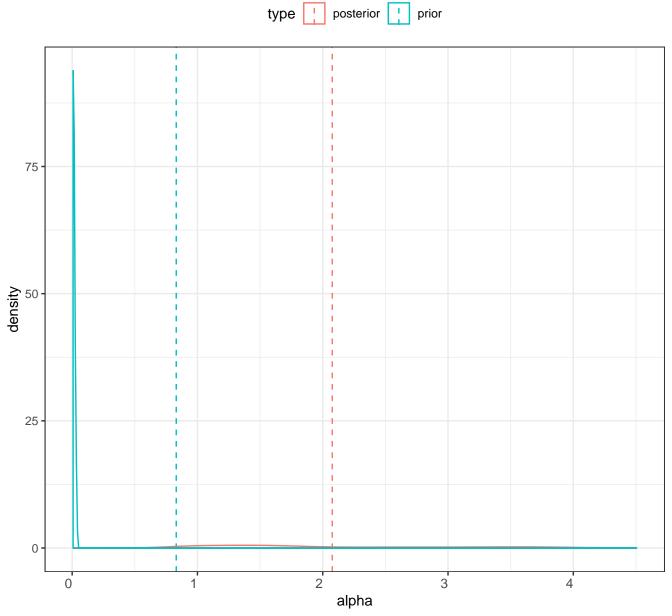


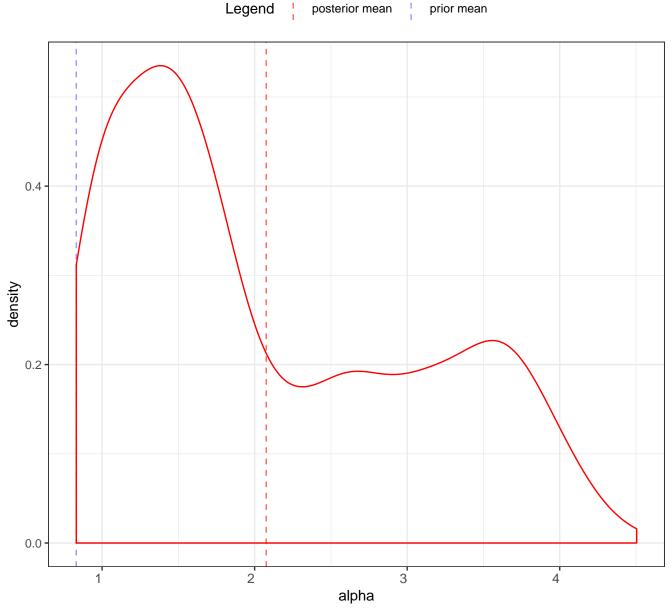




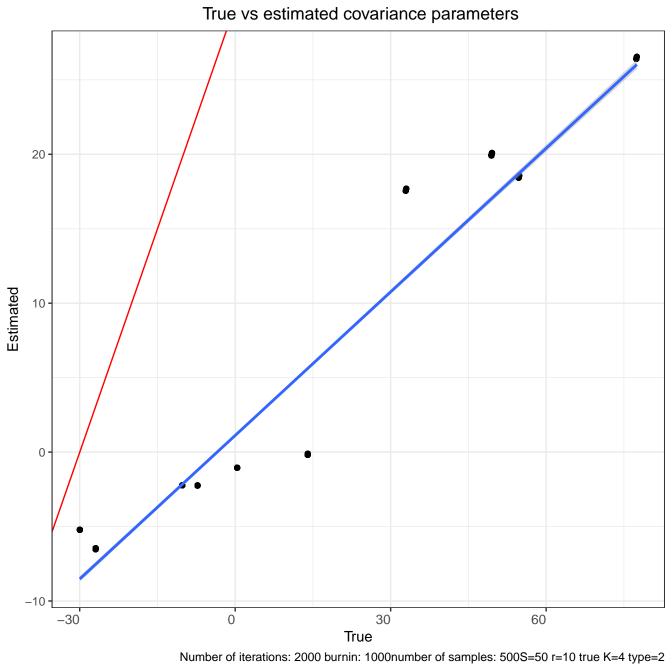


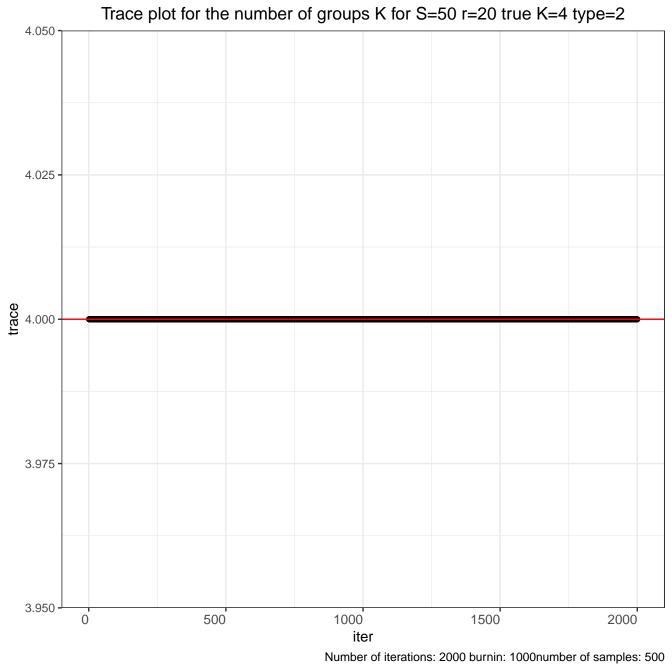




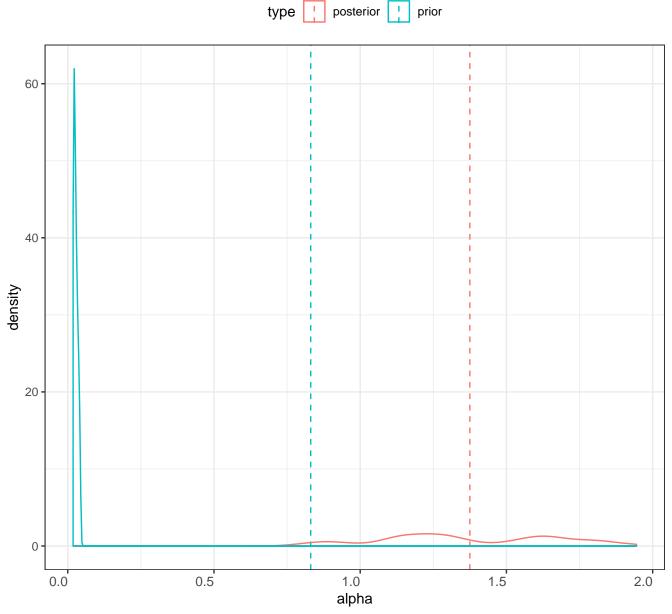


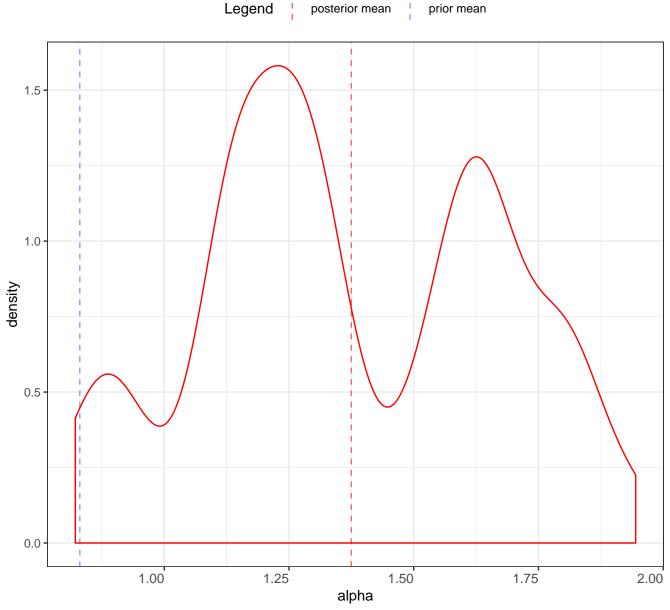
Weights for the case: S=50 ,r=10 true gr K=4 ,type=2 ,N=150 pN=0 0.25 0.20 0.15 ă 0.10 0.05 -0.00 -50 100 150 0 tr

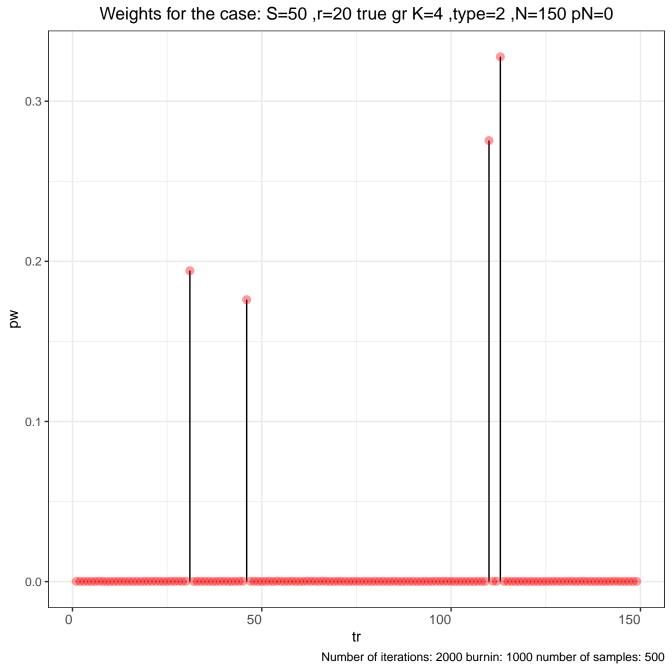


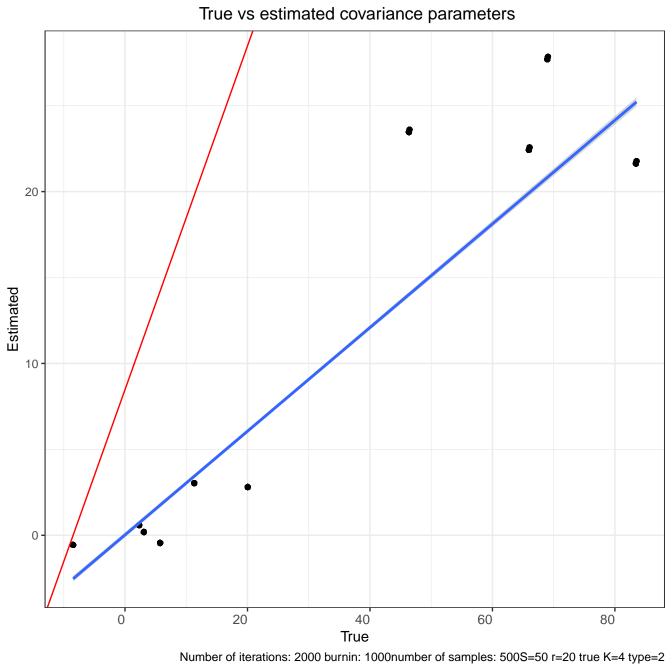


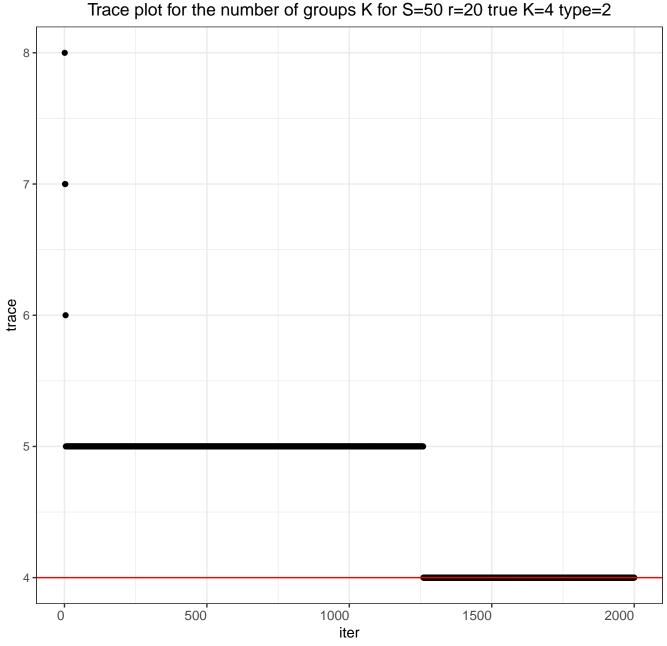
Distribution alpha: S=50 ,r=20 true gr K=4 ,type=2 ,N=150

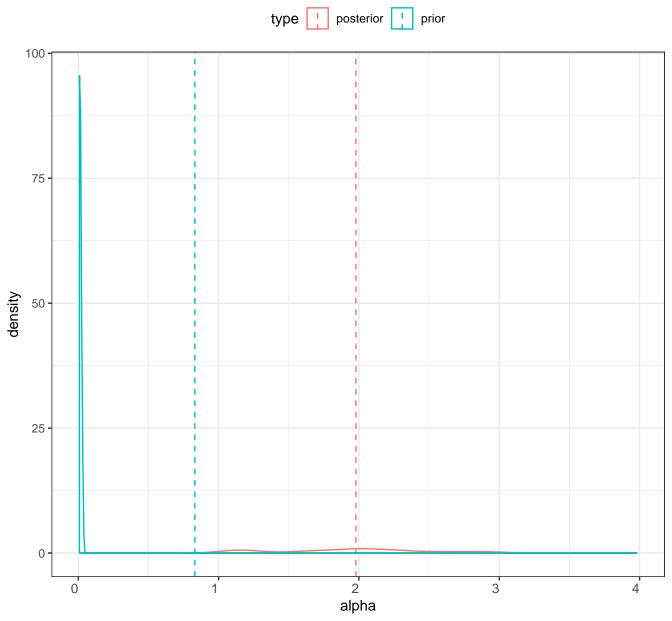


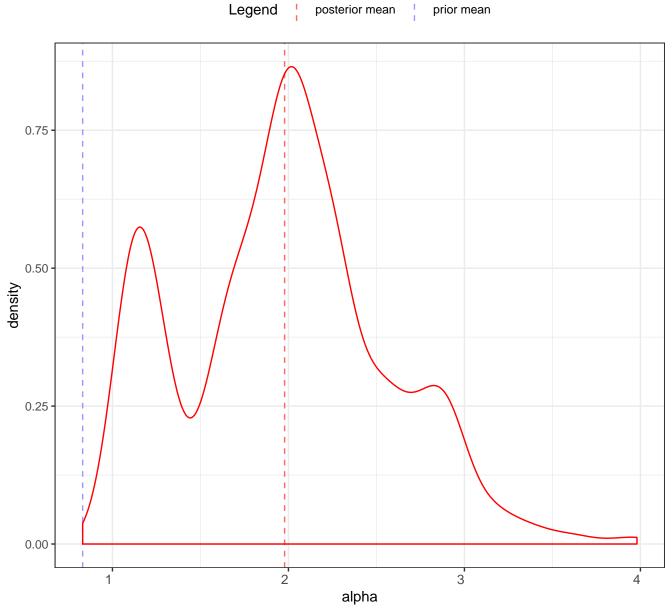


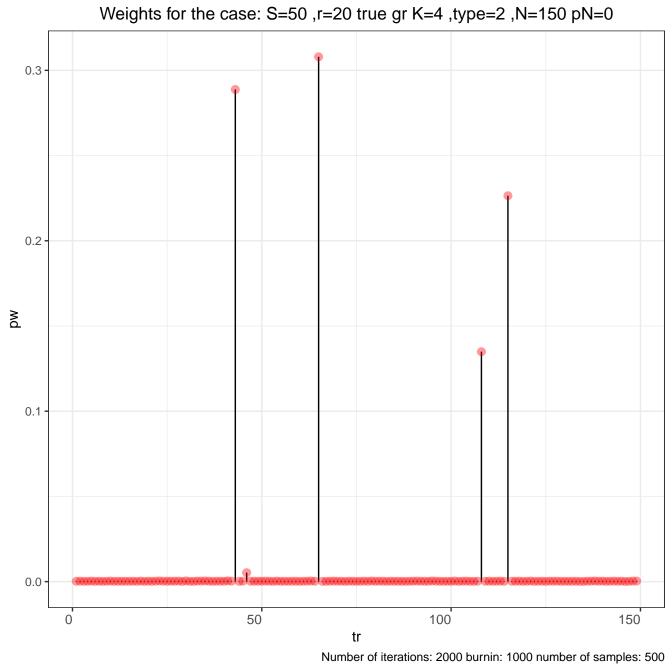


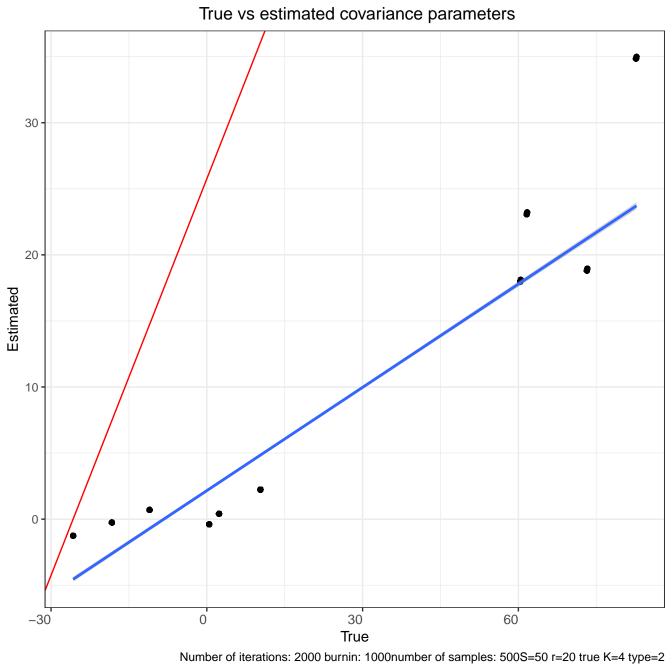




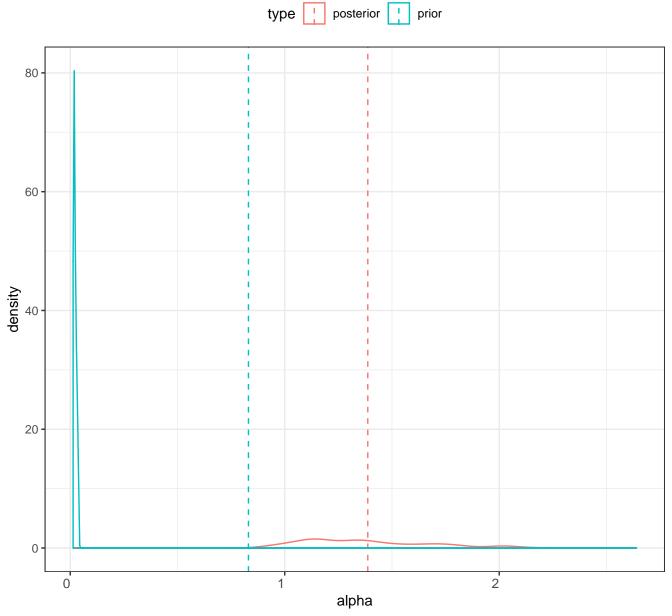


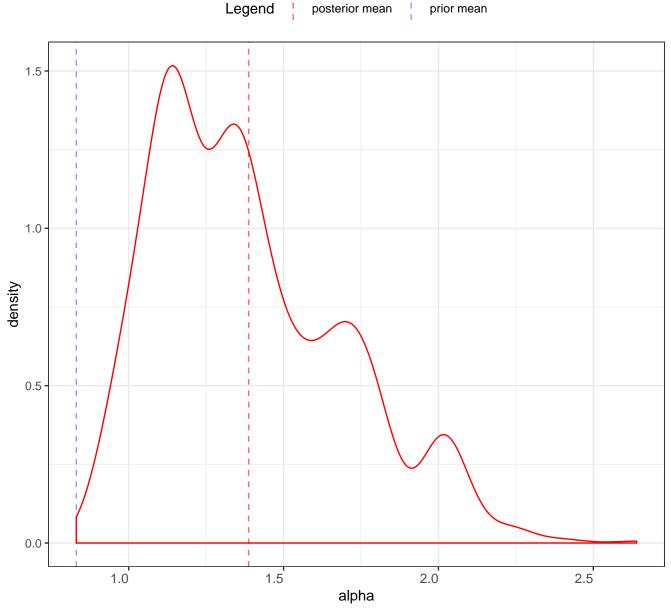


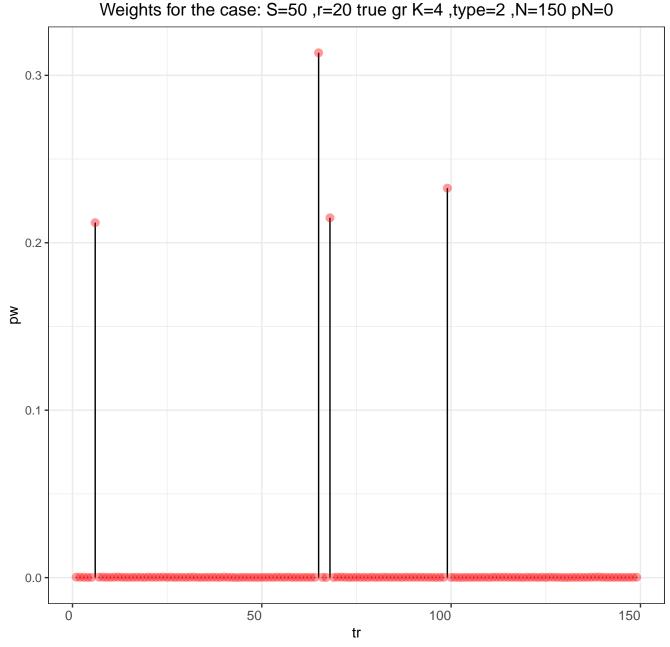


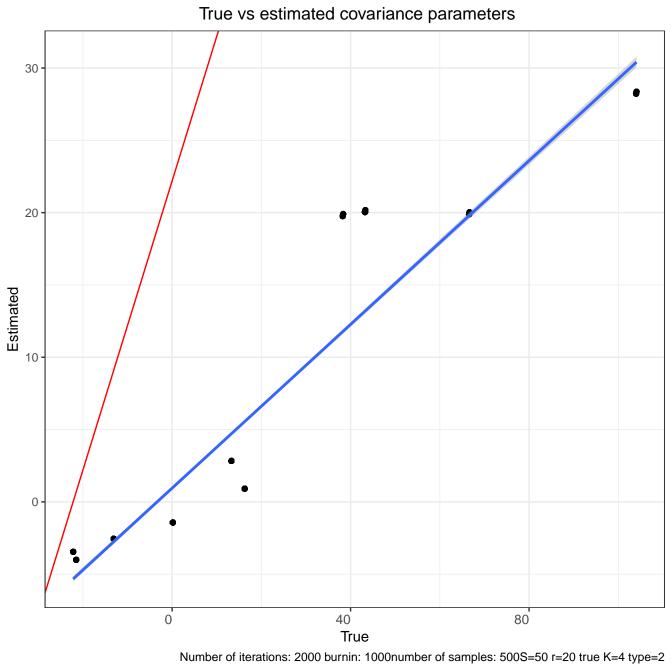


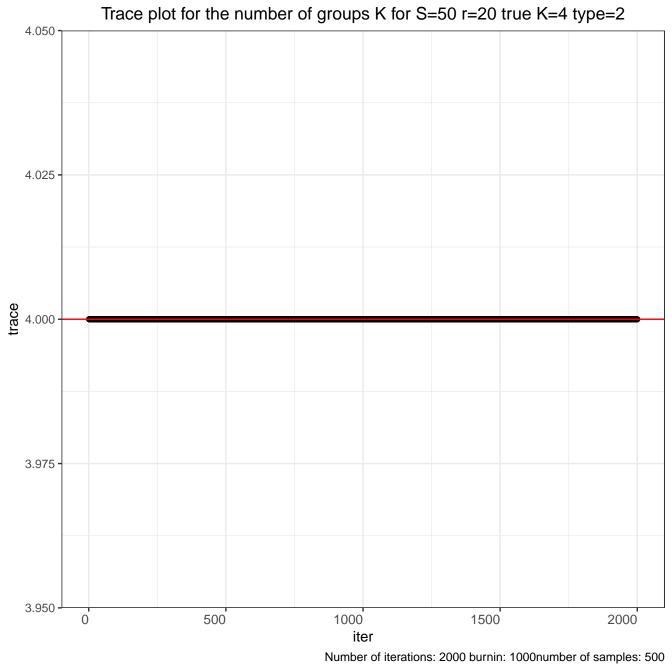
Trace plot for the number of groups K for S=50 r=20 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

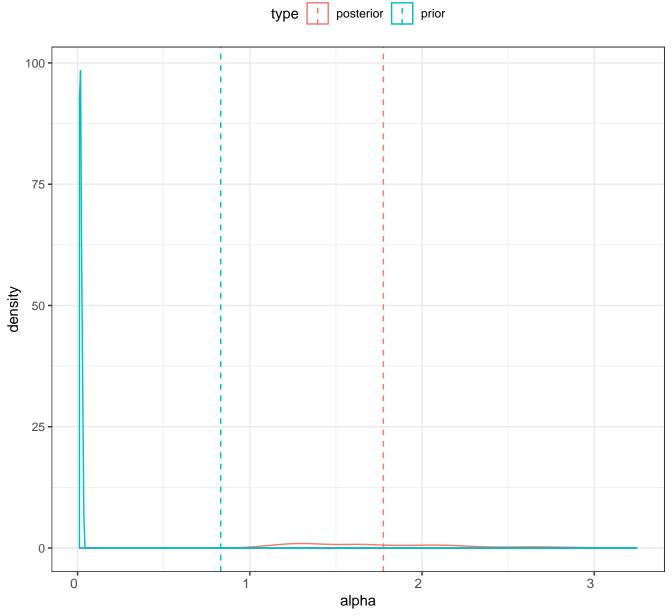


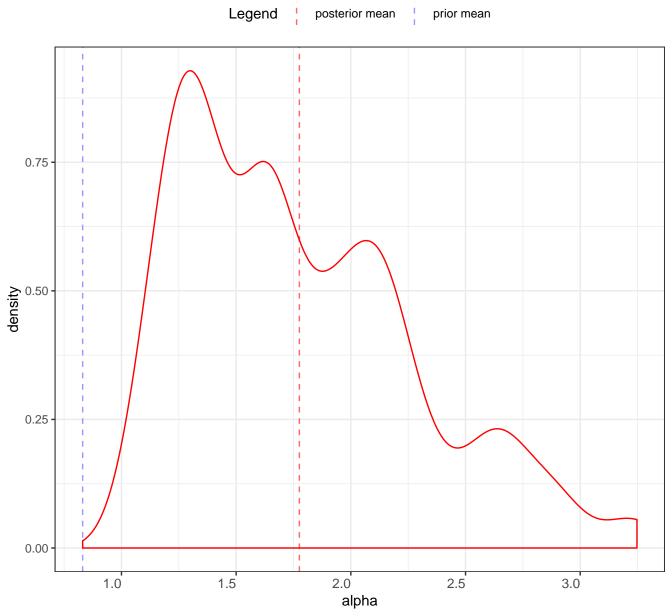




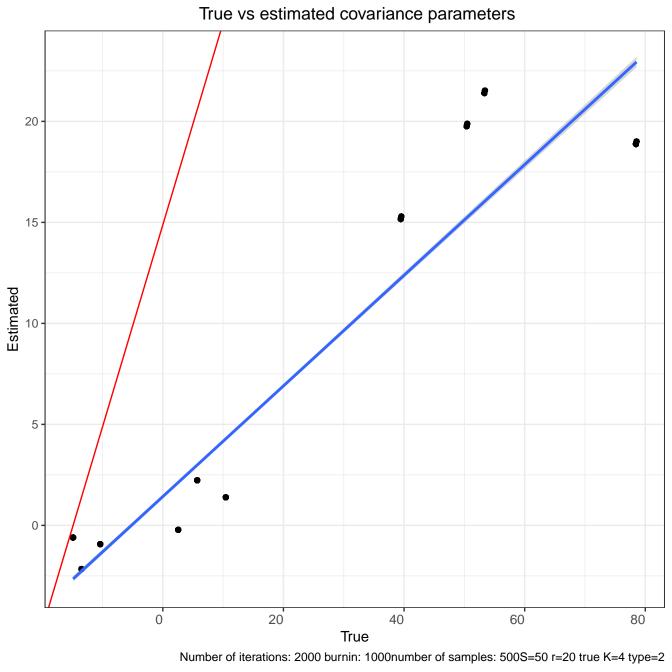




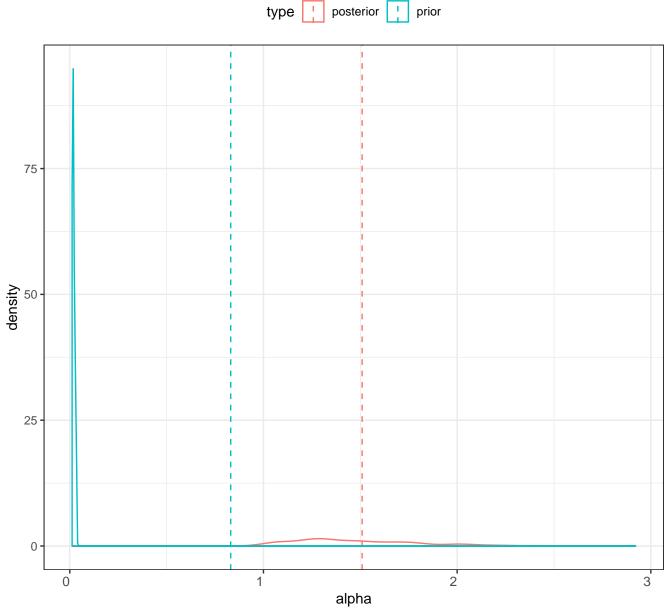


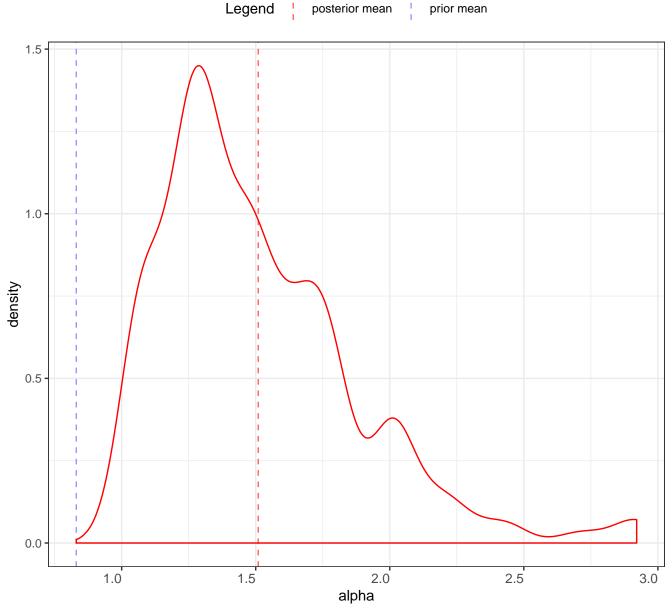


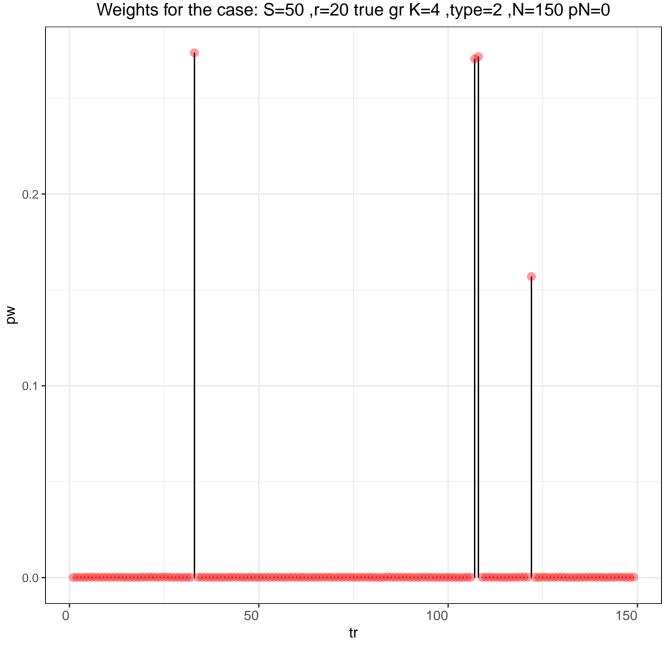
Weights for the case: S=50 ,r=20 true gr K=4 ,type=2 ,N=150 pN=0 0.2 ă 0.1 0.0 50 100 150 tr Number of iterations: 2000 burnin: 1000 number of samples: 500

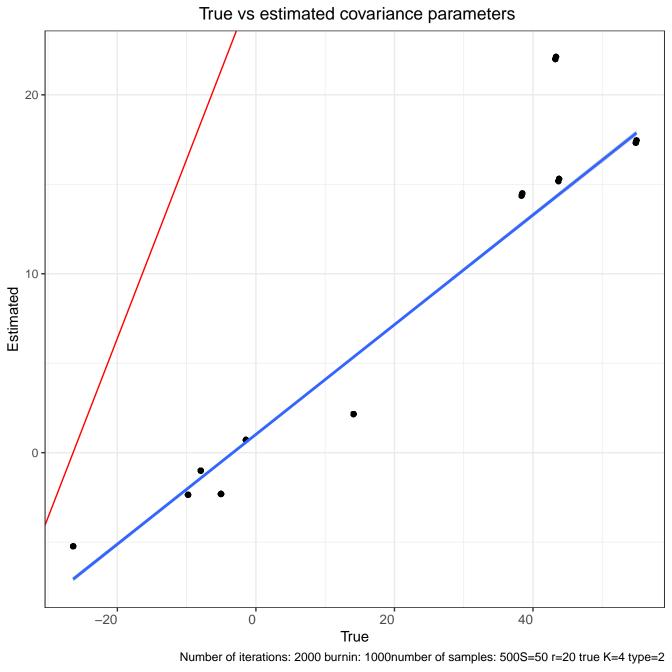


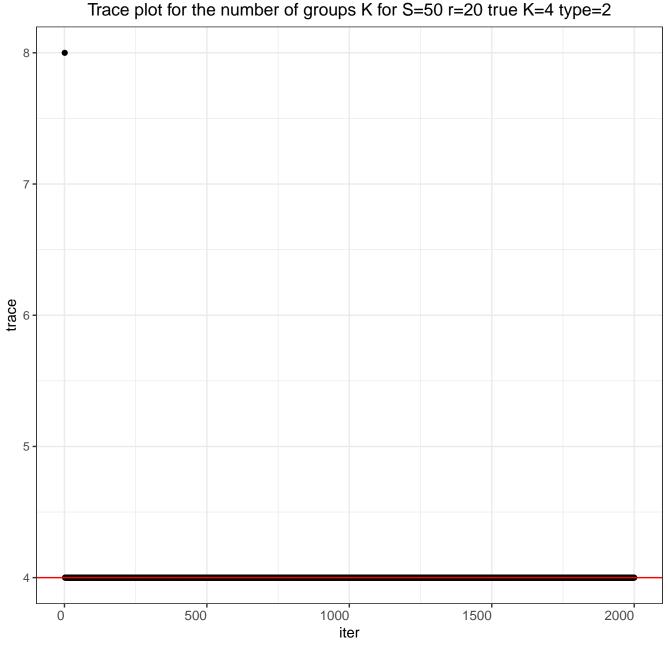
Trace plot for the number of groups K for S=50 r=20 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

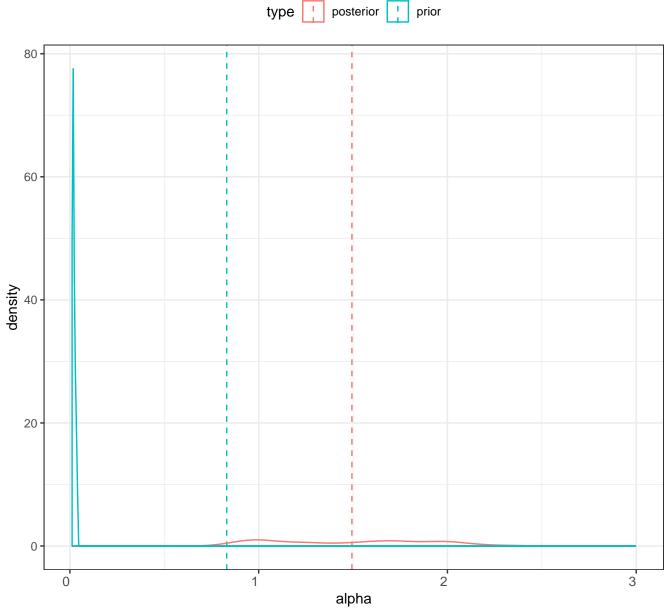


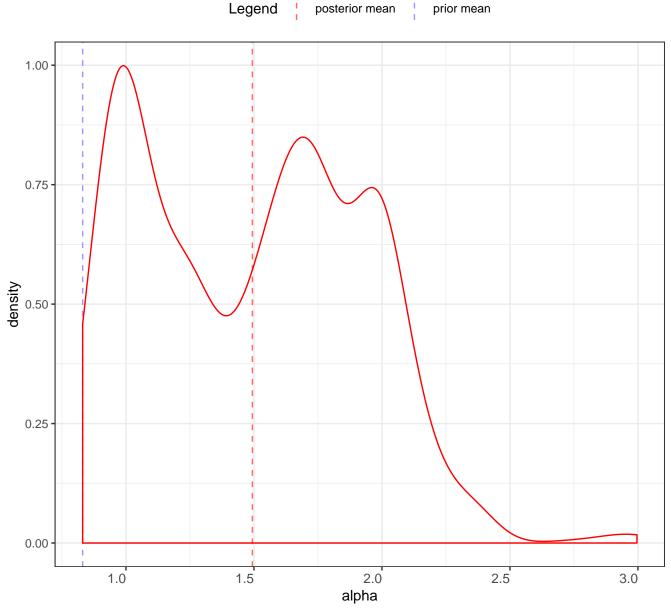


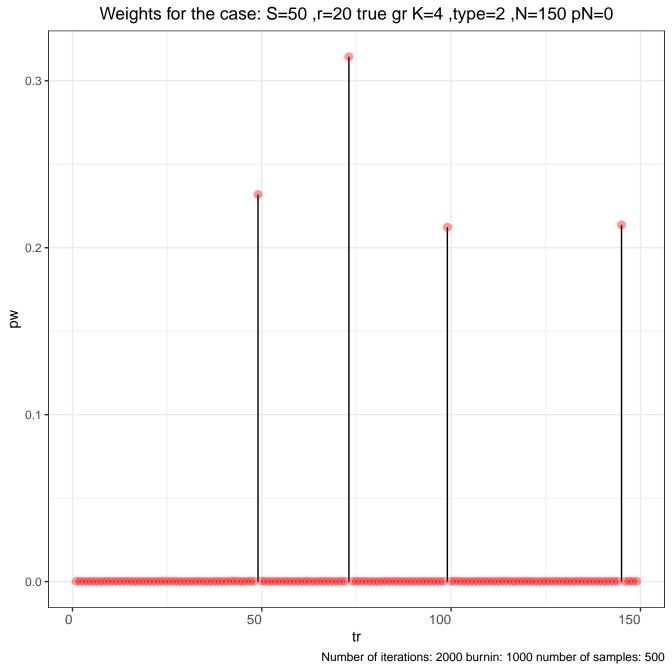


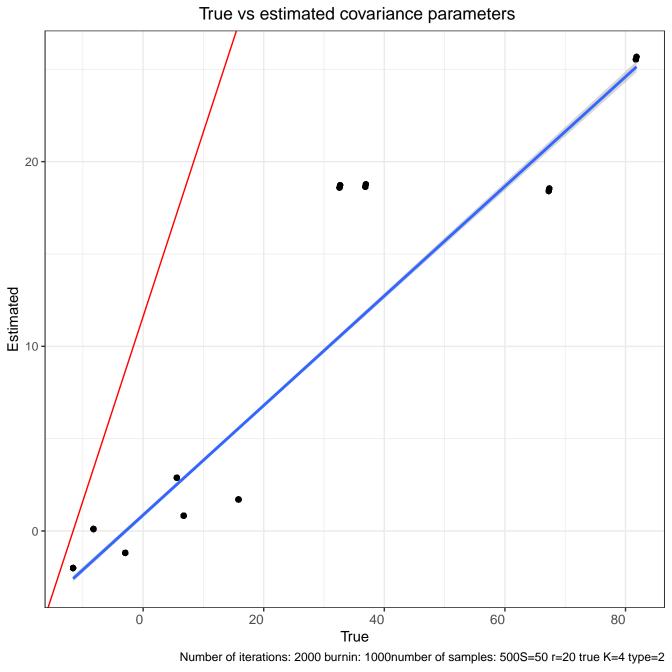


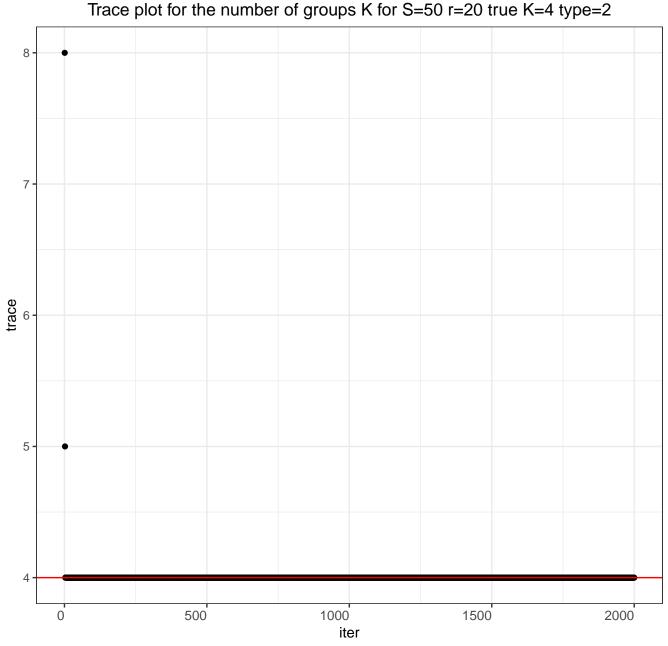




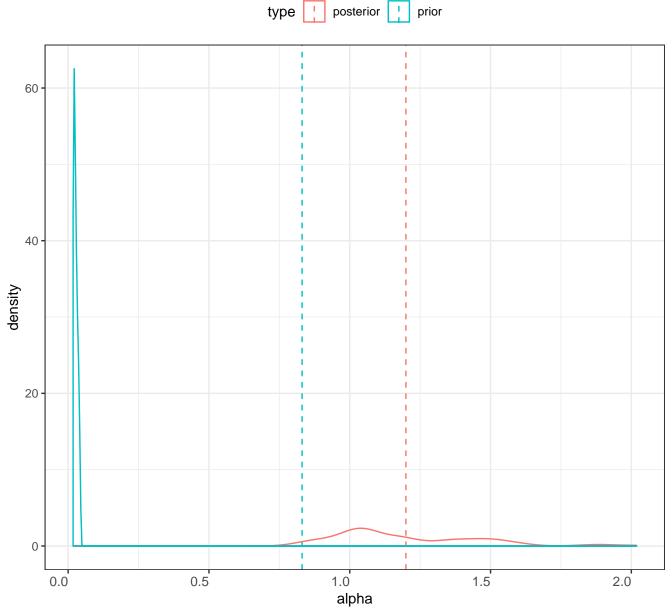


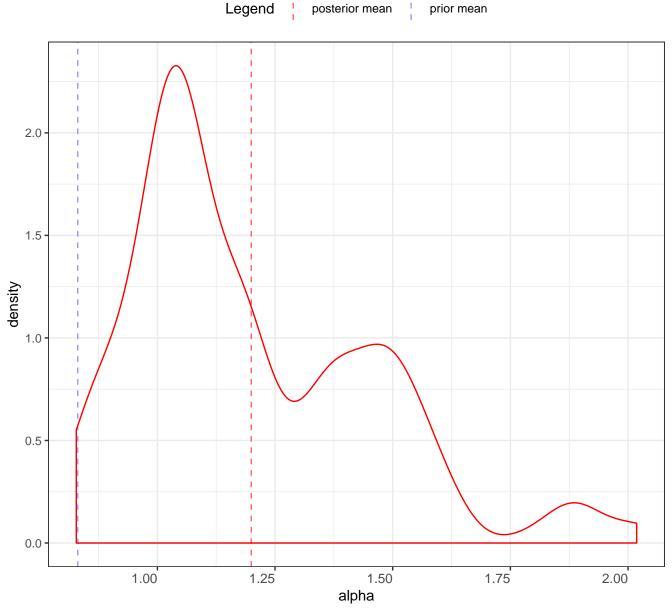


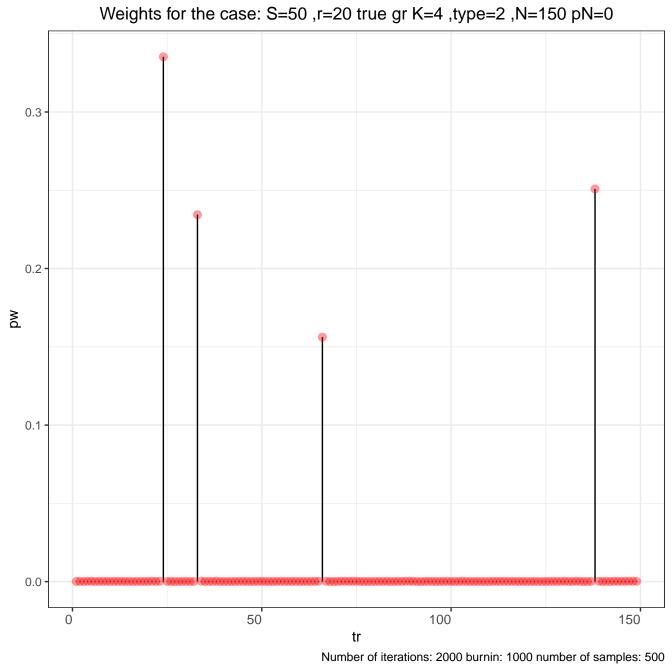


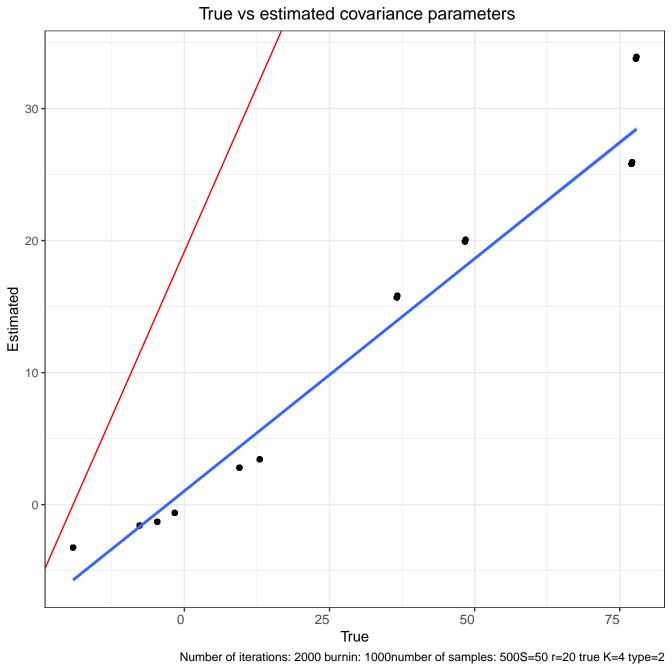


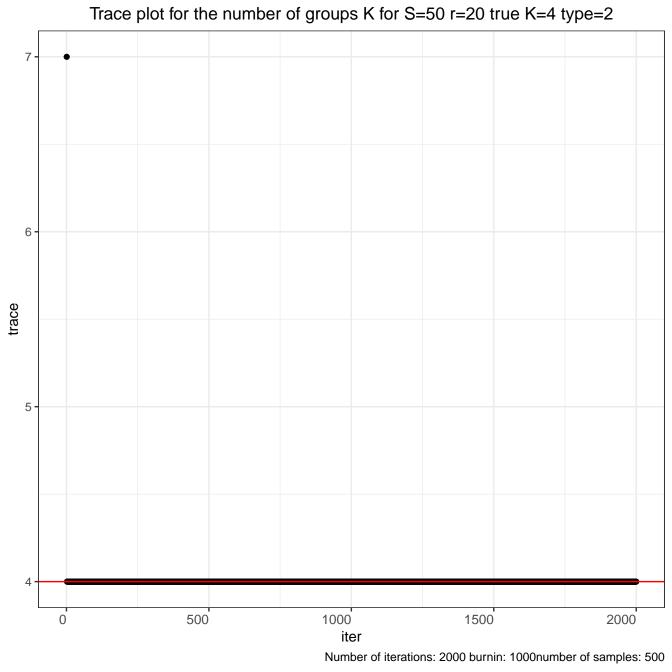
Distribution alpha: S=50 ,r=20 true gr K=4 ,type=2 ,N=150

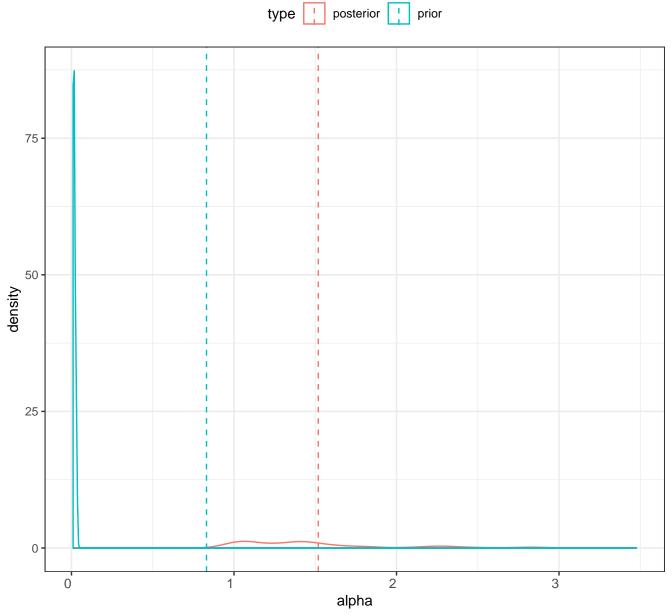


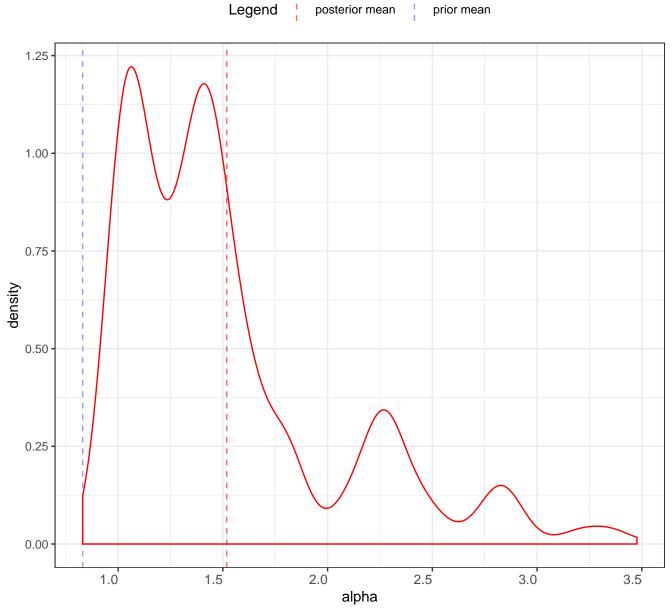


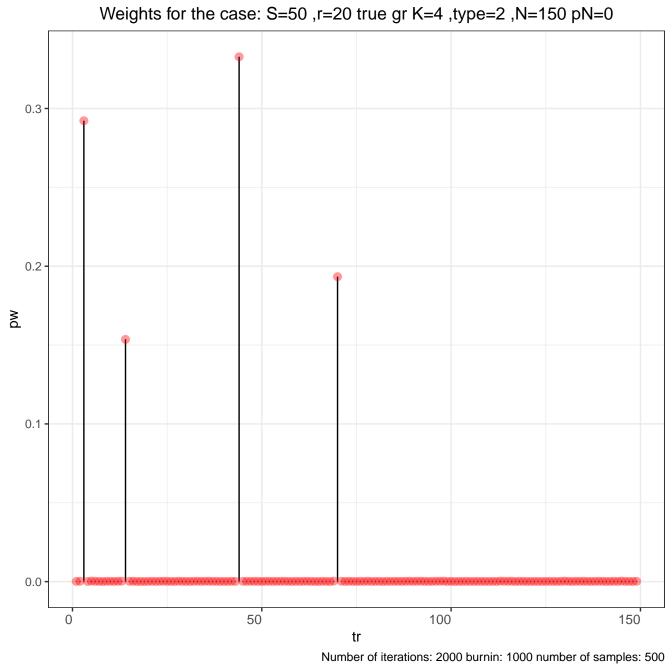


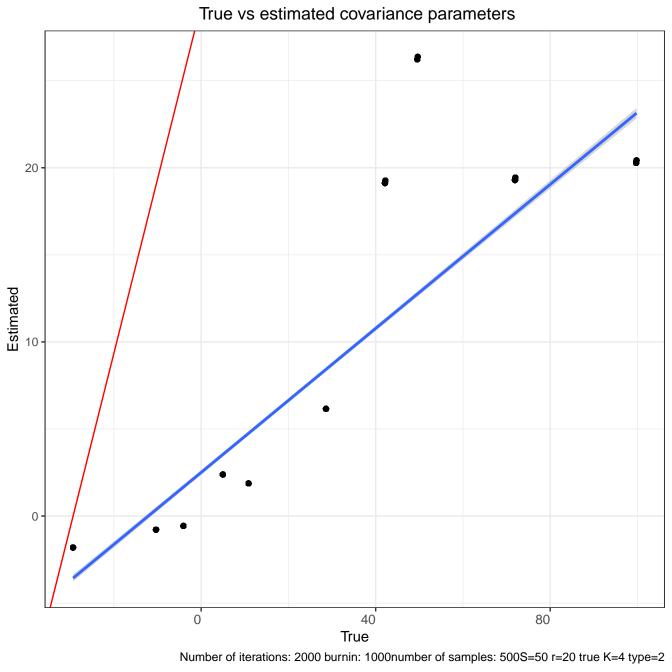




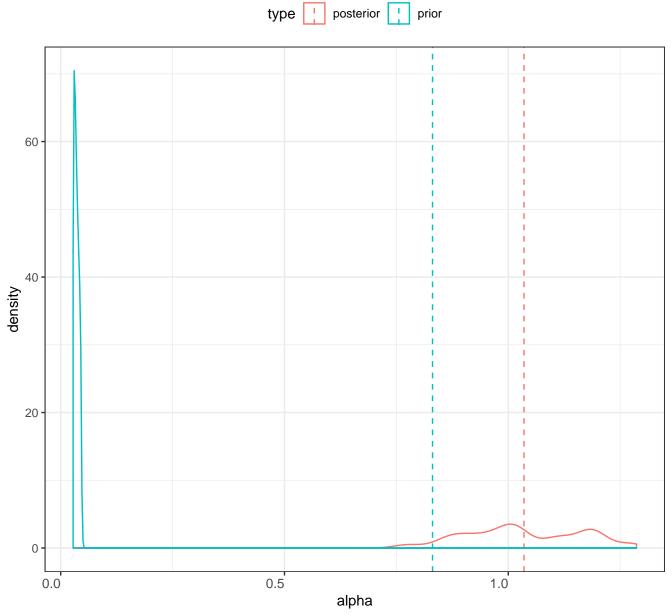


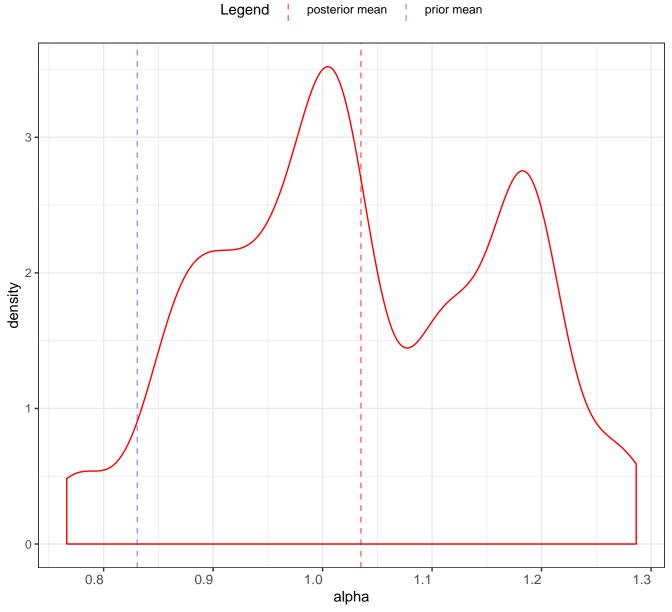


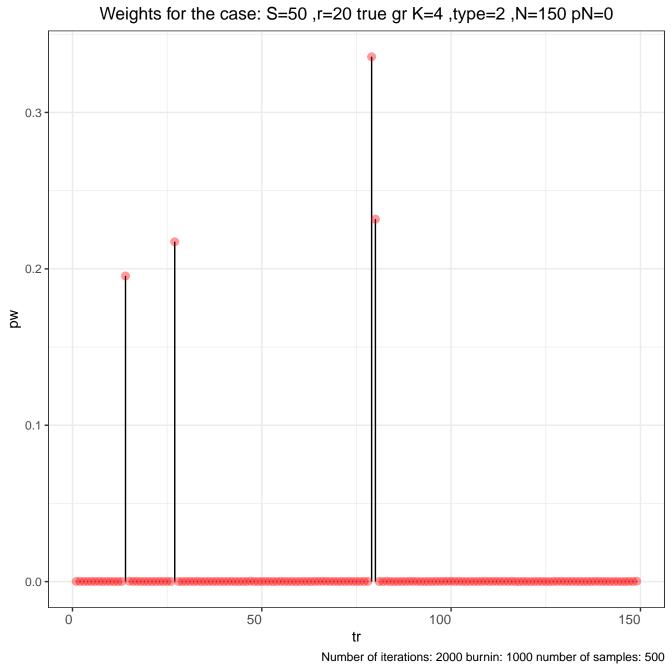


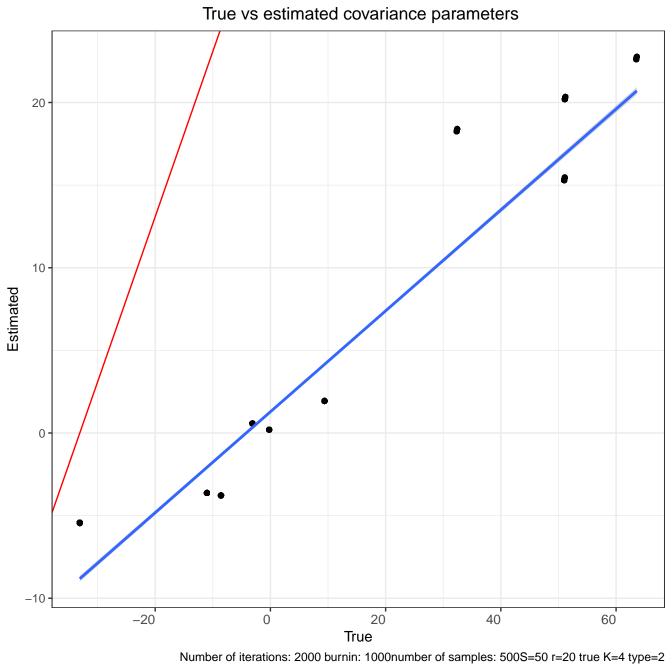


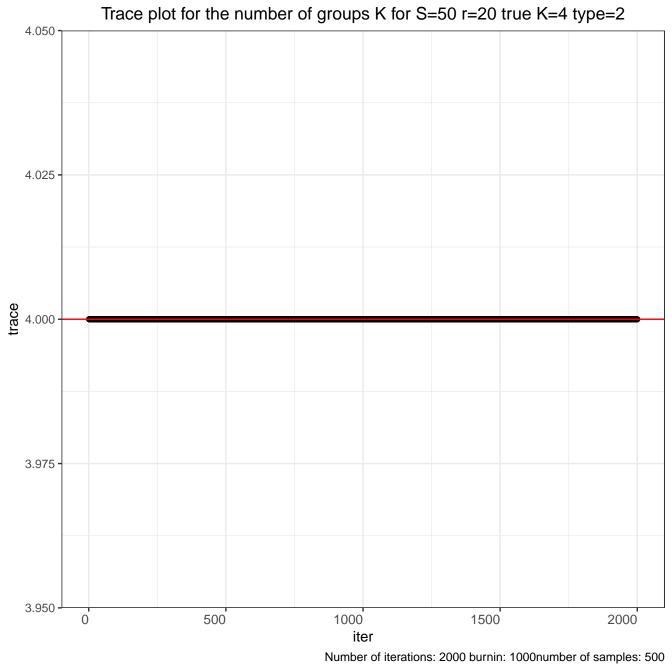
Trace plot for the number of groups K for S=50 r=20 true K=4 type=2 6 trace 5 500 1000 1500 2000 iter

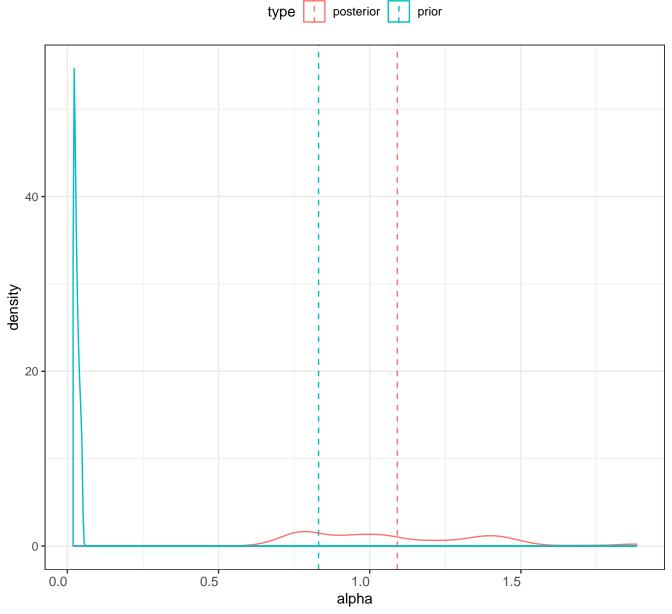


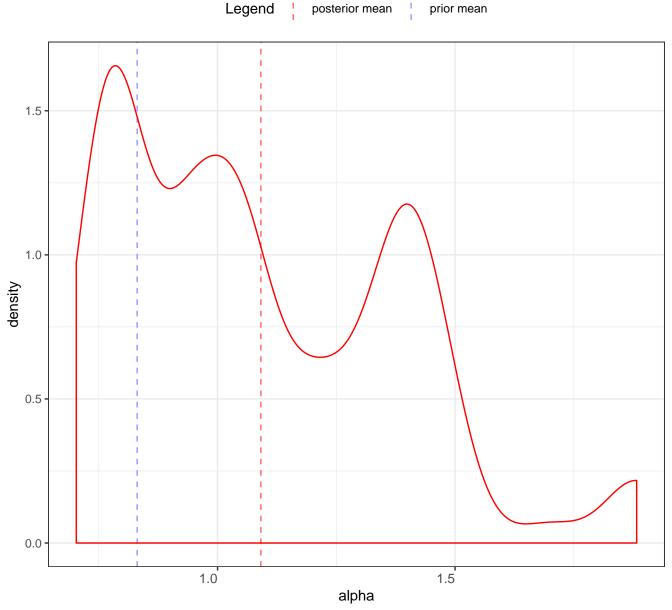


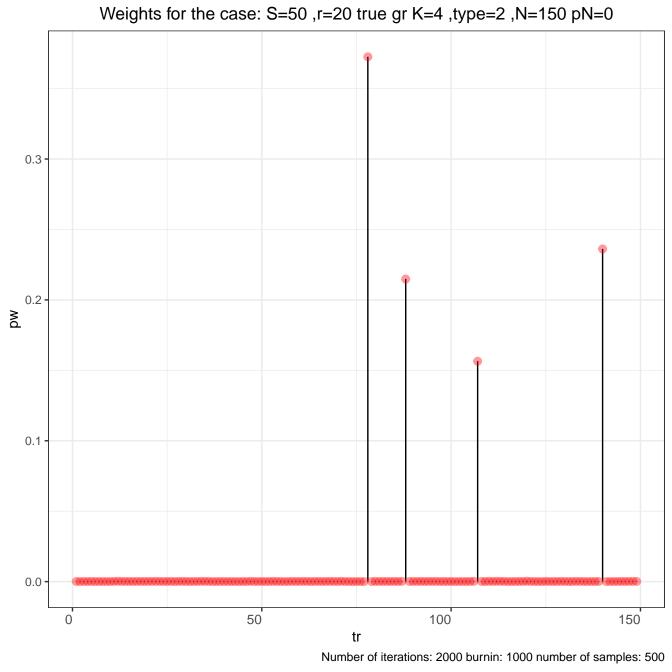


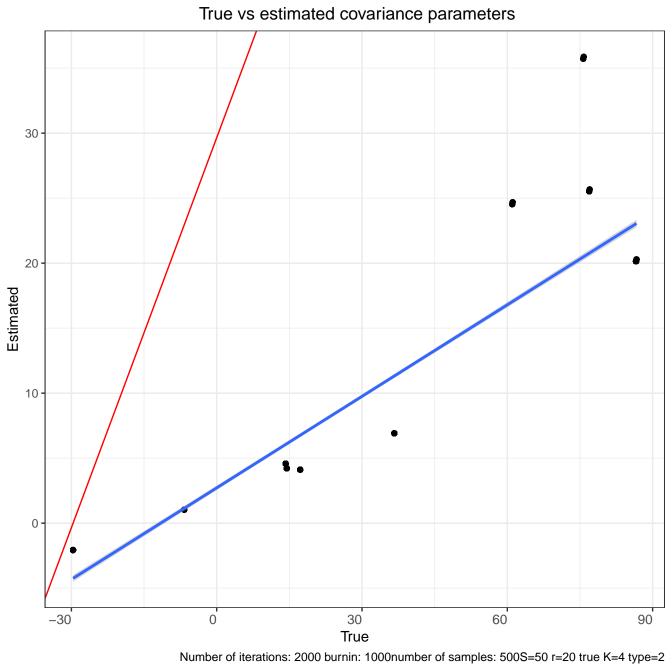




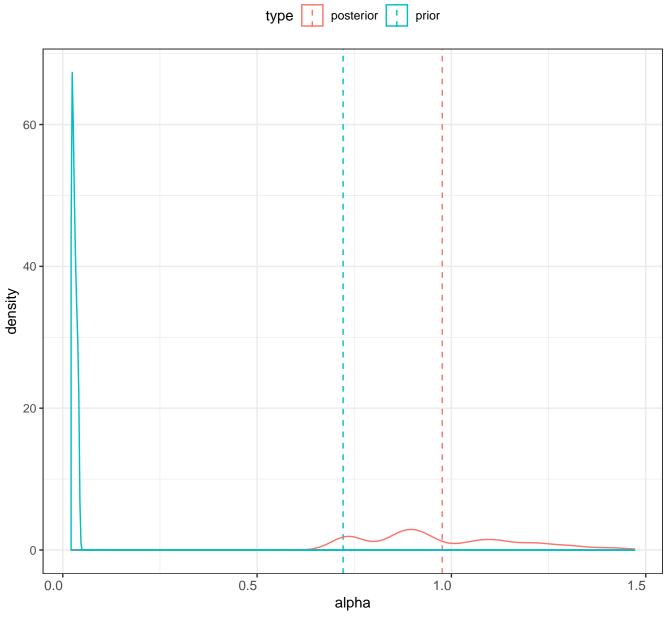




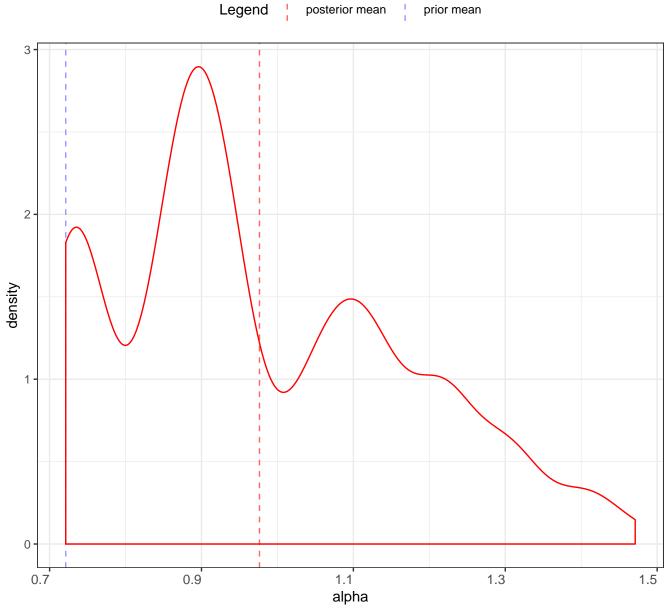




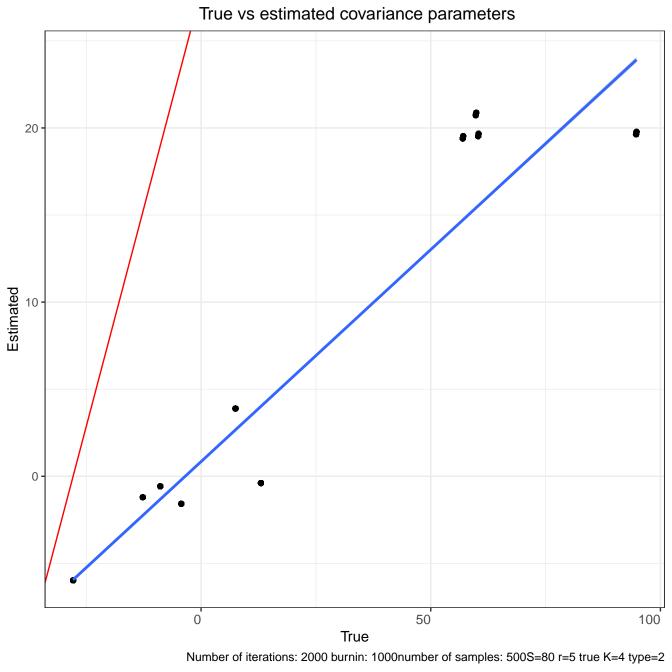
Trace plot for the number of groups K for S=80 r=5 true K=4 type=2 12-10 trace 6 -1000 2000 1500 500 iter



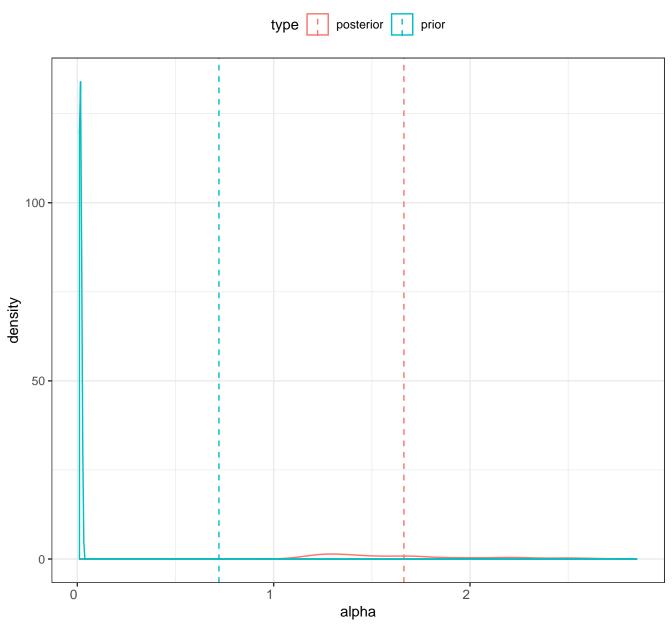
prior mean

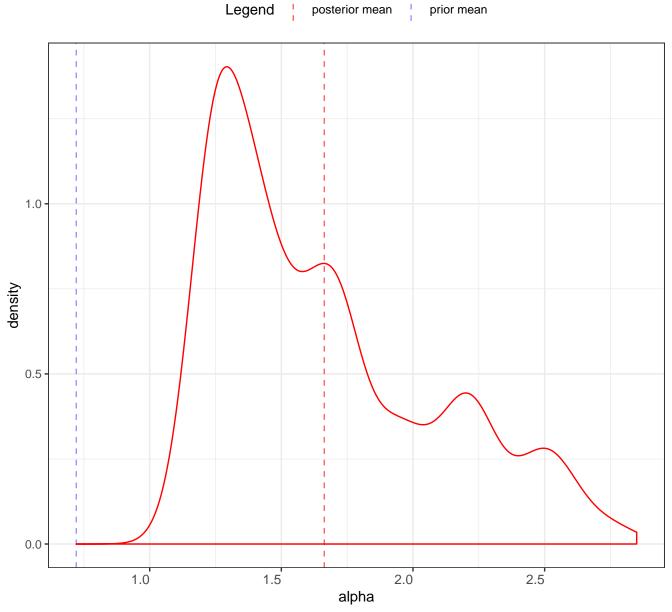


Weights for the case: S=80 ,r=5 true gr K=4 ,type=2 ,N=150 pN=0 0.3 0.2 ă 0.1 0.0 50 100 150 0 tr

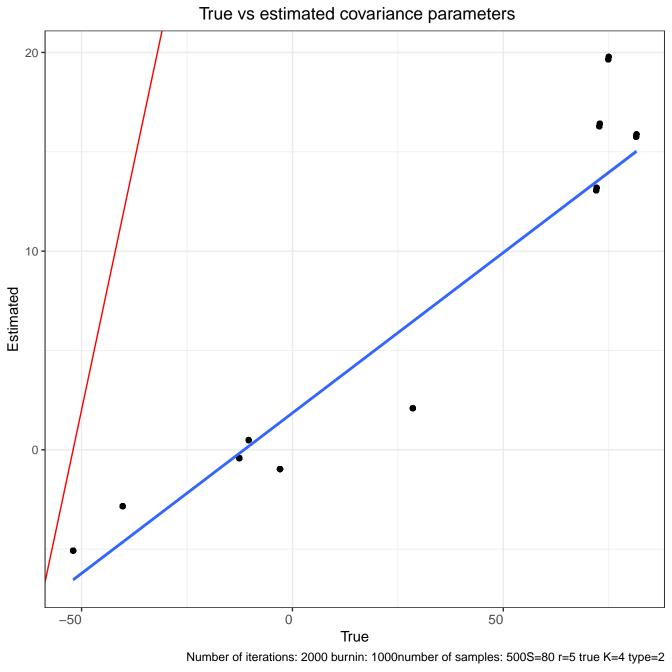


Trace plot for the number of groups K for S=80 r=5 true K=4 type=2 15 **-**12 trace 9 -6 -1000 2000 1500 0 500 iter

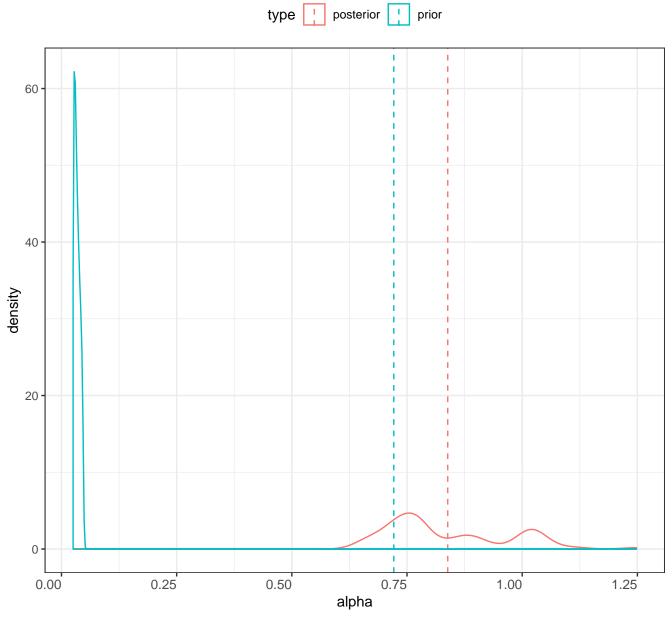


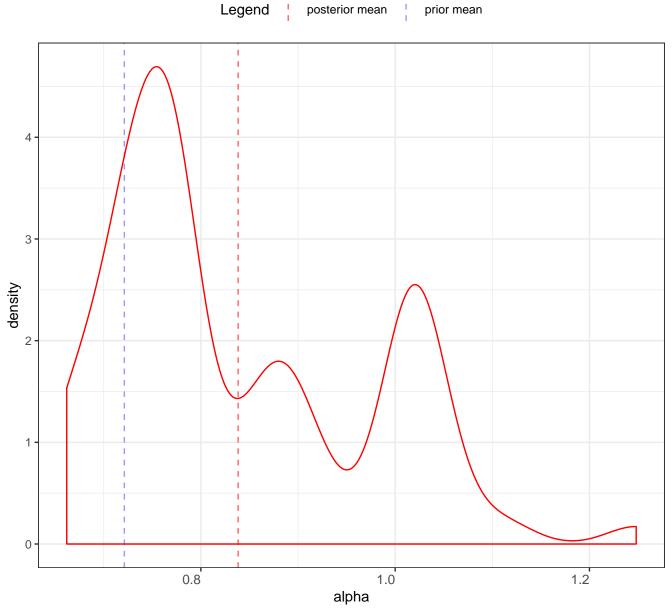


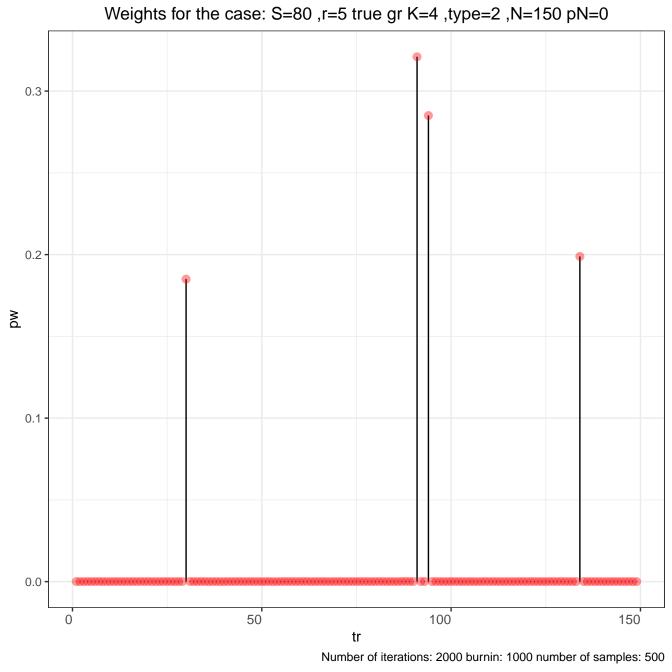
Weights for the case: S=80 ,r=5 true gr K=4 ,type=2 ,N=150 pN=0 0.2 ă 0.1 0.0 50 100 150 tr Number of iterations: 2000 burnin: 1000 number of samples: 500

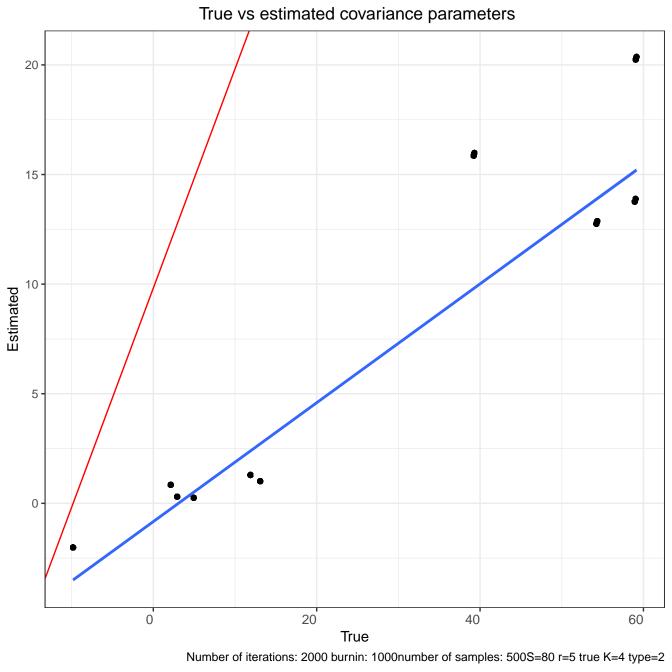


Trace plot for the number of groups K for S=80 r=5 true K=4 type=2 15 12 trace 6 1000 2000 1500 500 iter

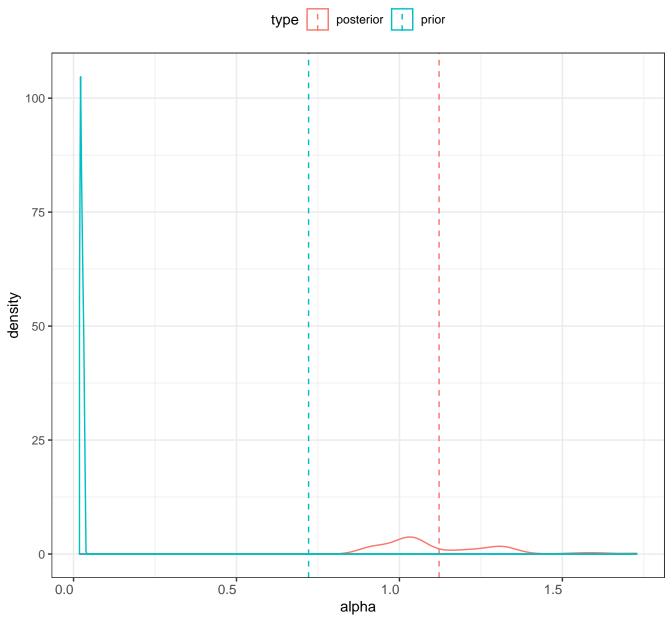


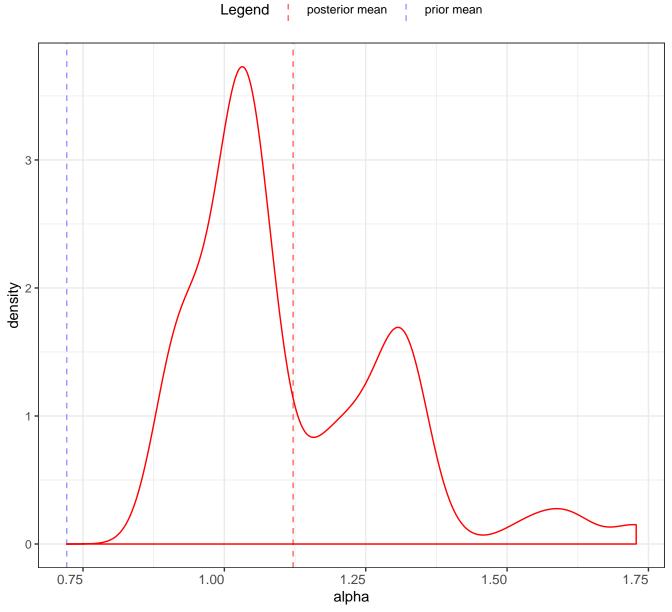


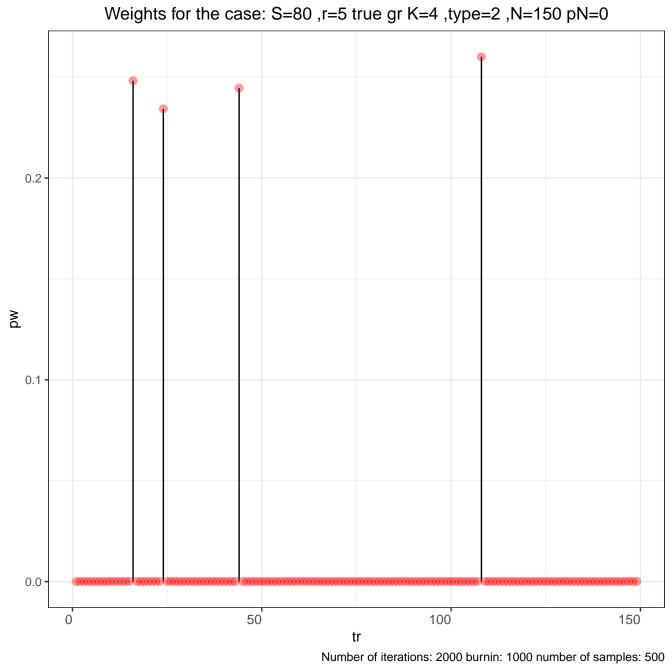


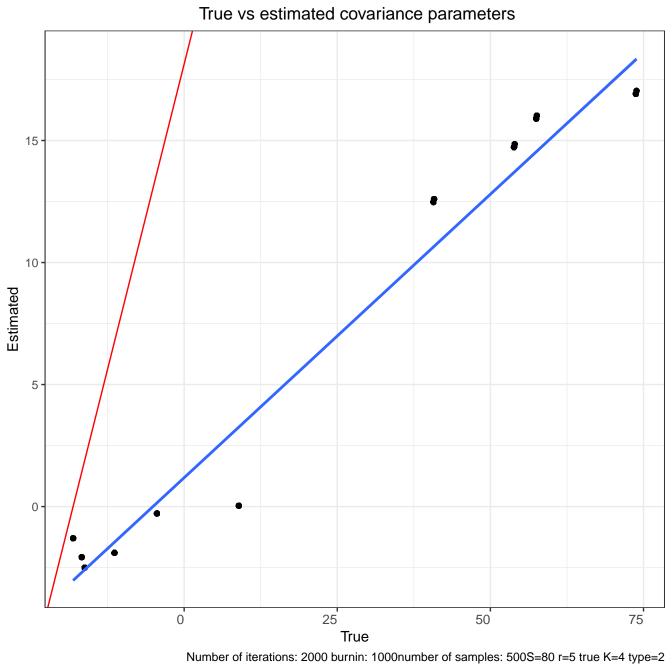


Trace plot for the number of groups K for S=80 r=5 true K=4 type=2 15 **-**12 trace 9 -6 -1000 2000 1500 0 500 iter

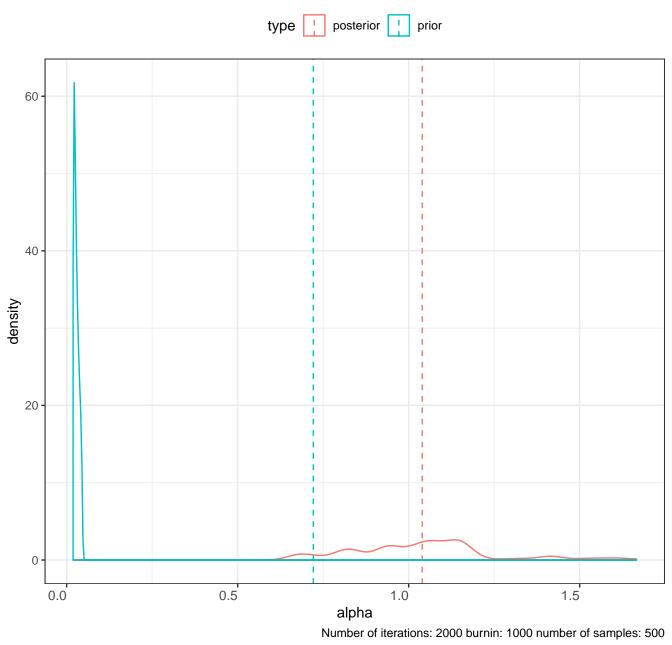


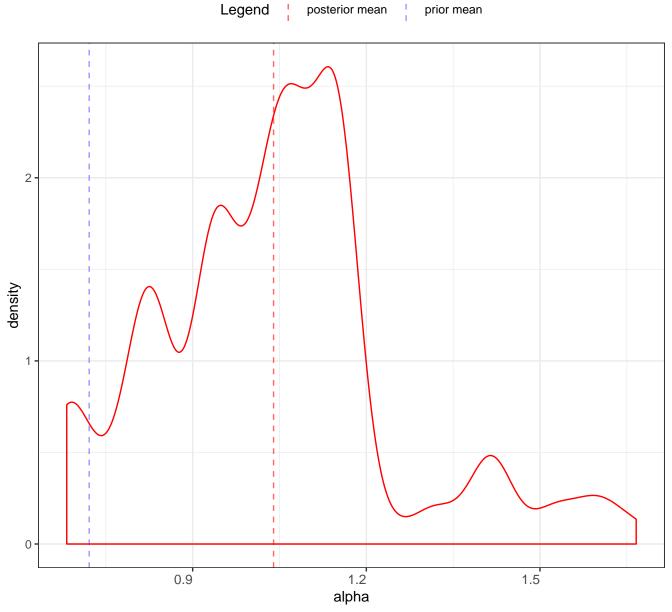


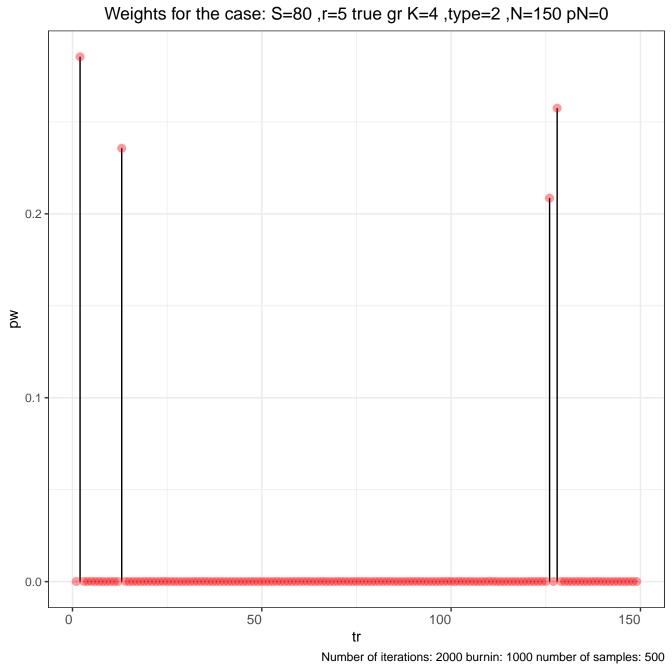


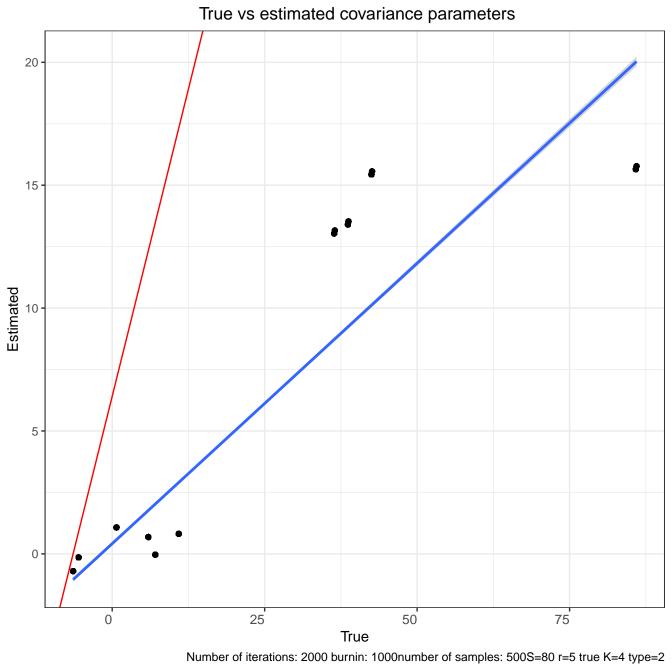


Trace plot for the number of groups K for S=80 r=5 true K=4 type=2 16 -12 trace 8 -1000 2000 1500 500 iter



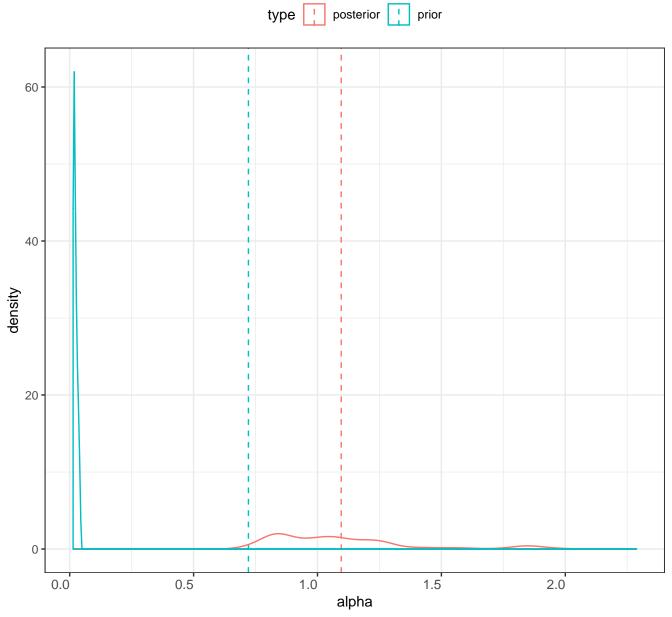


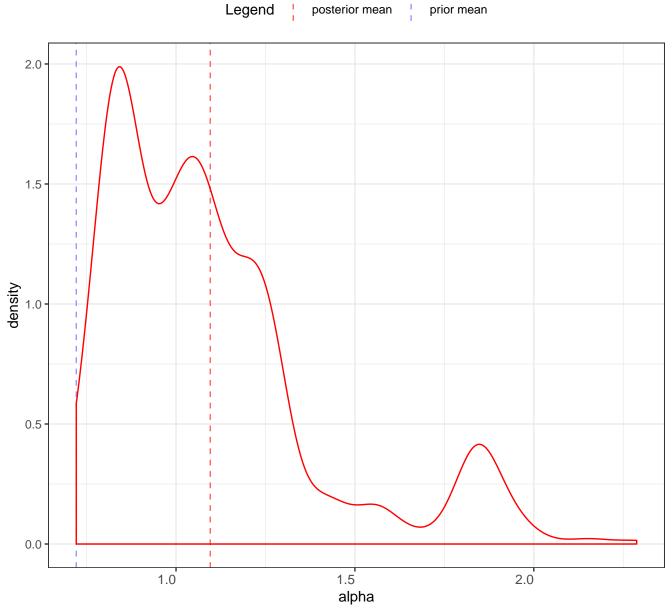




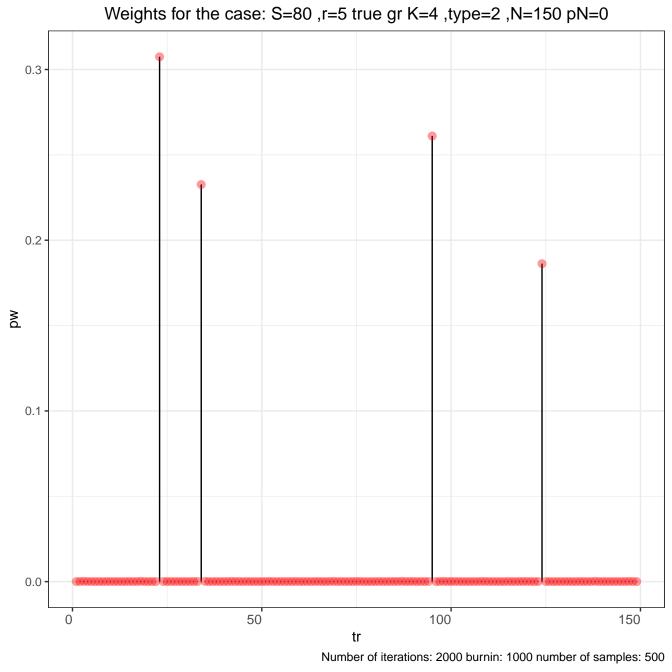
Trace plot for the number of groups K for S=80 r=5 true K=4 type=2 10 8 trace 6 -1000 2000 1500 500 iter

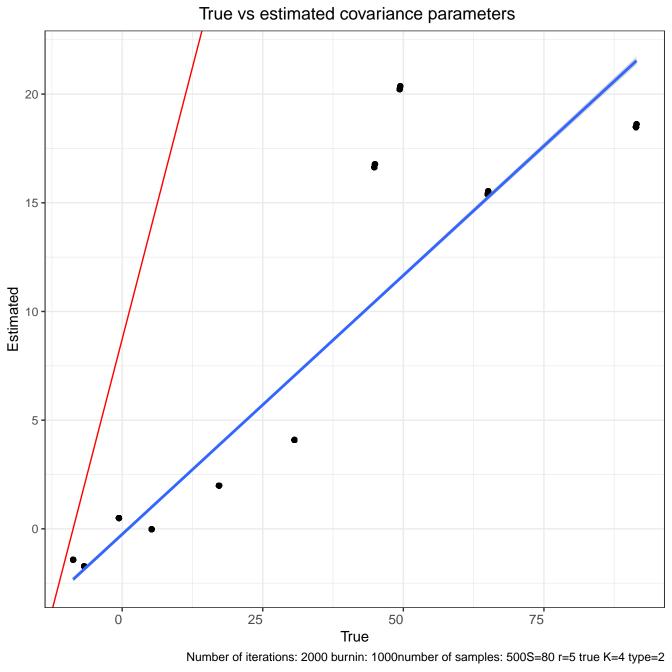
Distribution alpha: S=80 ,r=5 true gr K=4 ,type=2 ,N=150





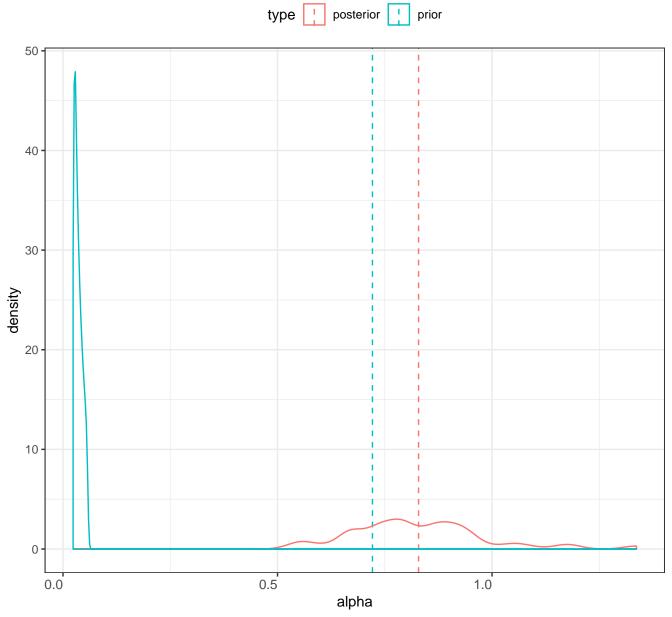
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=2 ,N=150

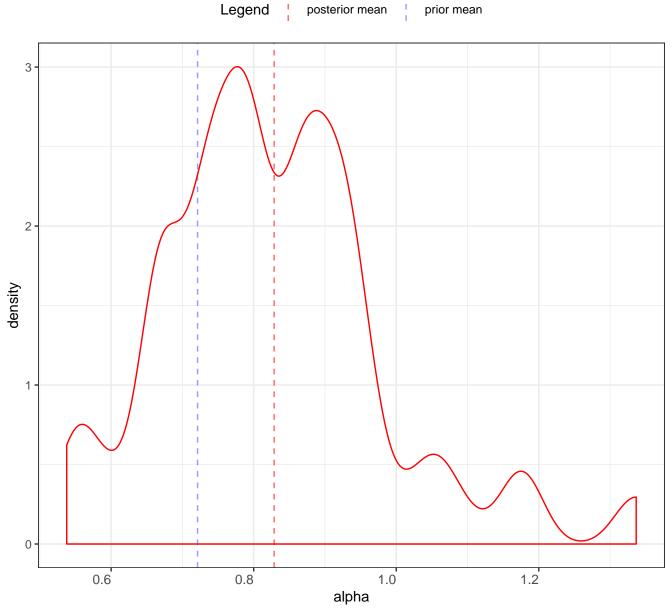




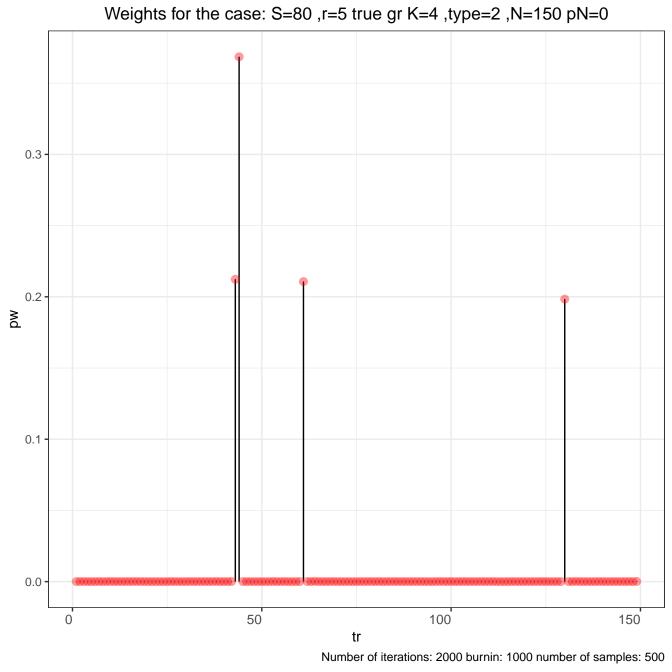
Trace plot for the number of groups K for S=80 r=5 true K=4 type=2 12-10 trace 6 -1000 2000 1500 500 iter

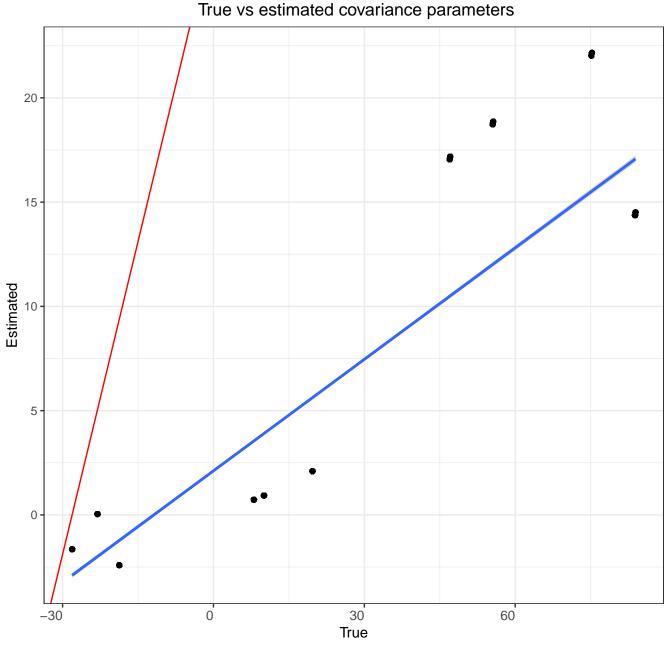
Distribution alpha: S=80 ,r=5 true gr K=4 ,type=2 ,N=150





Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=2 ,N=150





Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=2

Trace plot for the number of groups K for S=80 r=5 true K=4 type=2 12-10 trace 6 -1000 2000 1500 500 iter

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=2 ,N=150

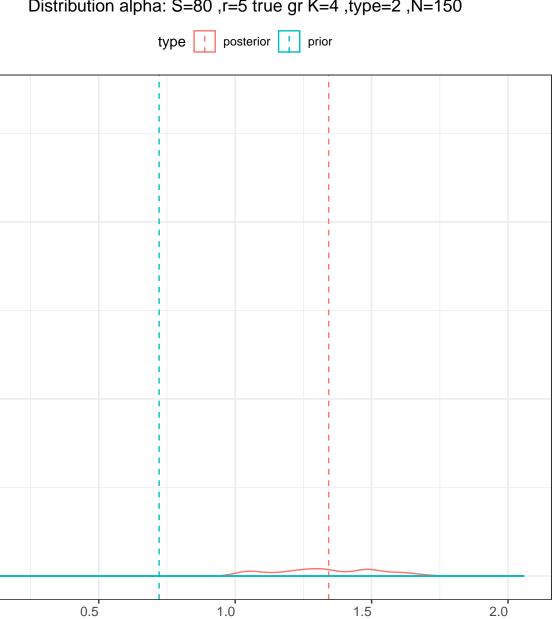
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density

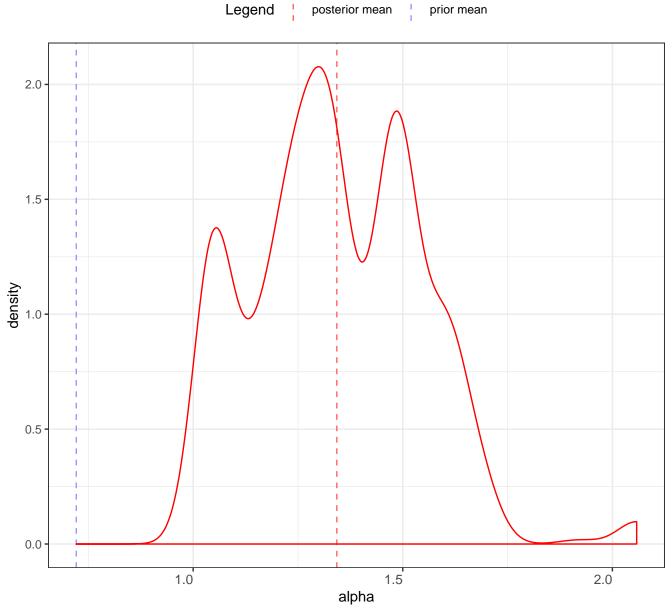
50

0 -

0.0

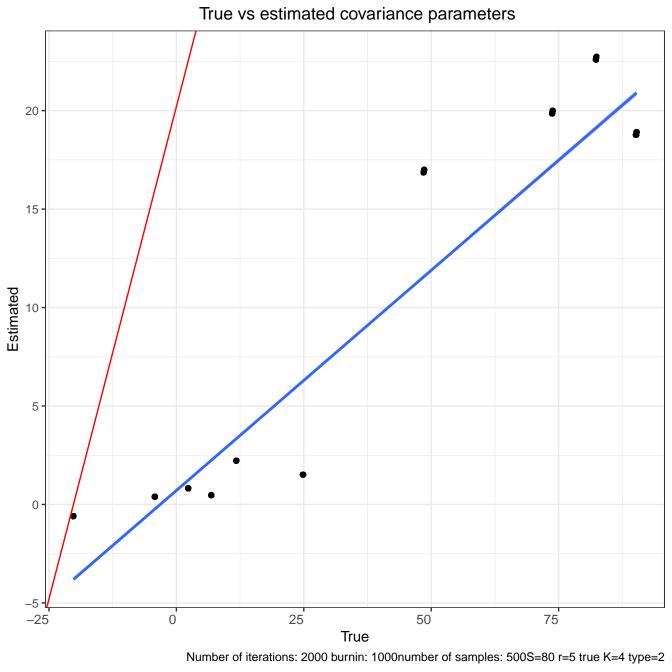


alpha



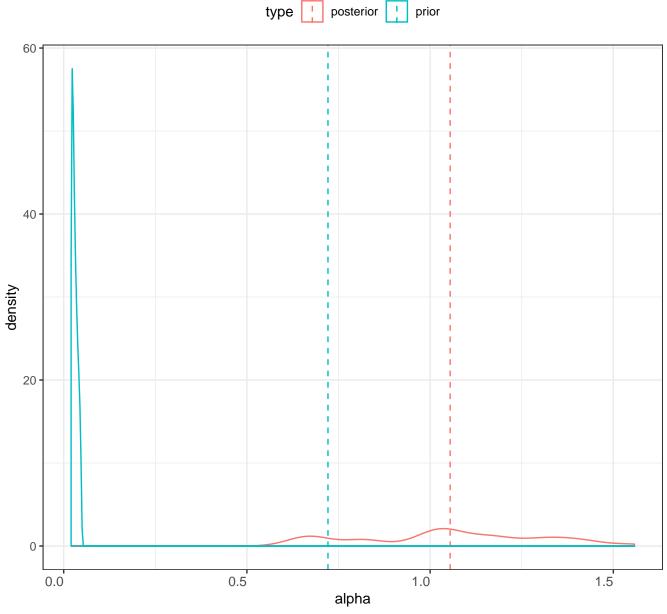
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=2 ,N=150

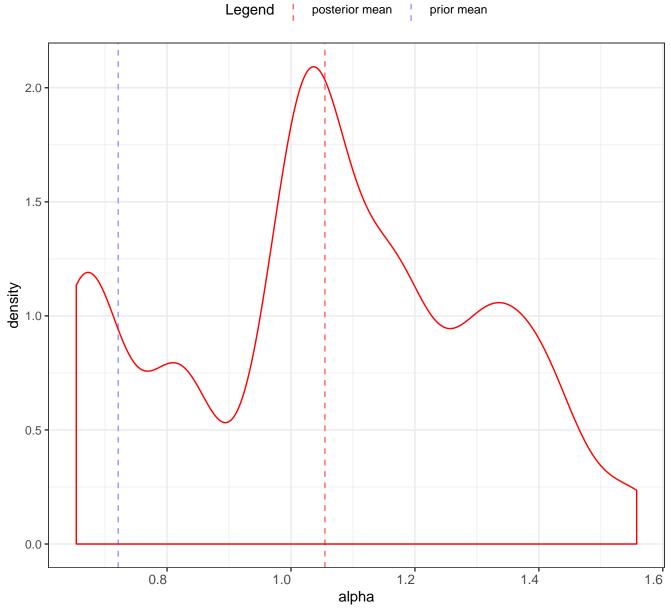
Weights for the case: S=80 ,r=5 true gr K=4 ,type=2 ,N=150 pN=0 0.2 ă 0.1 0.0 50 150 100 tr



Trace plot for the number of groups K for S=80 r=5 true K=4 type=2 6 trace 5 500 1000 1500 2000 iter

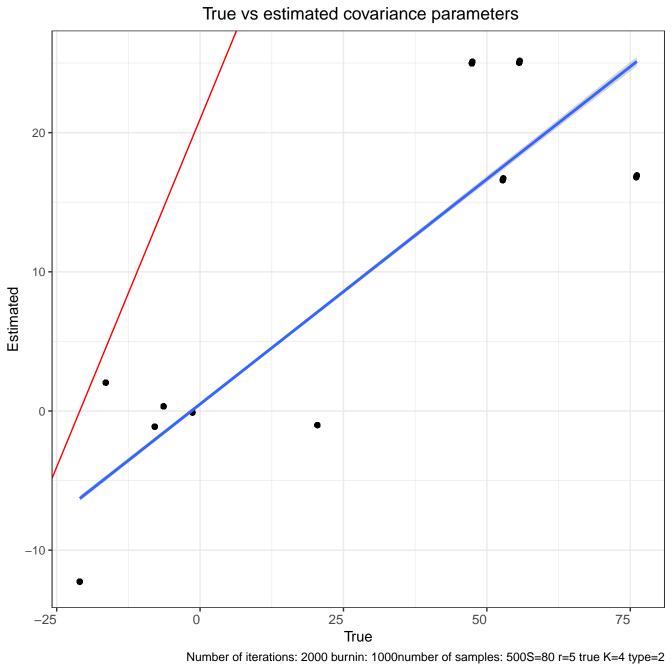
Distribution alpha: S=80 ,r=5 true gr K=4 ,type=2 ,N=150





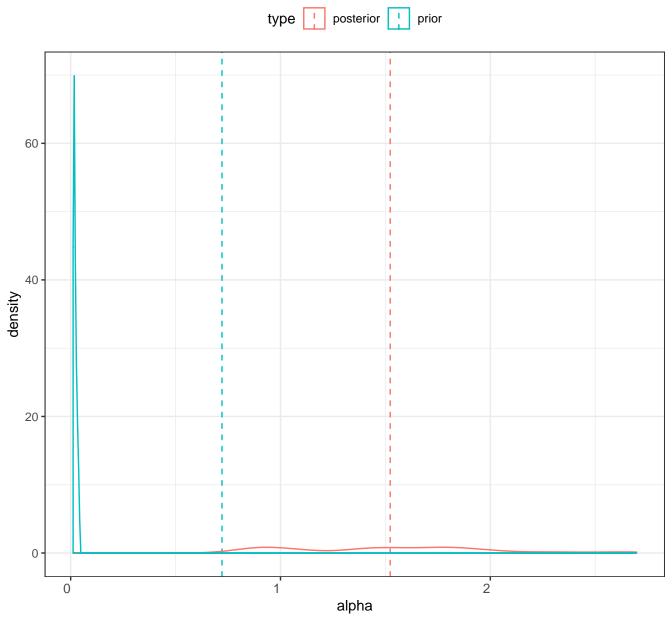
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=2 ,N=150

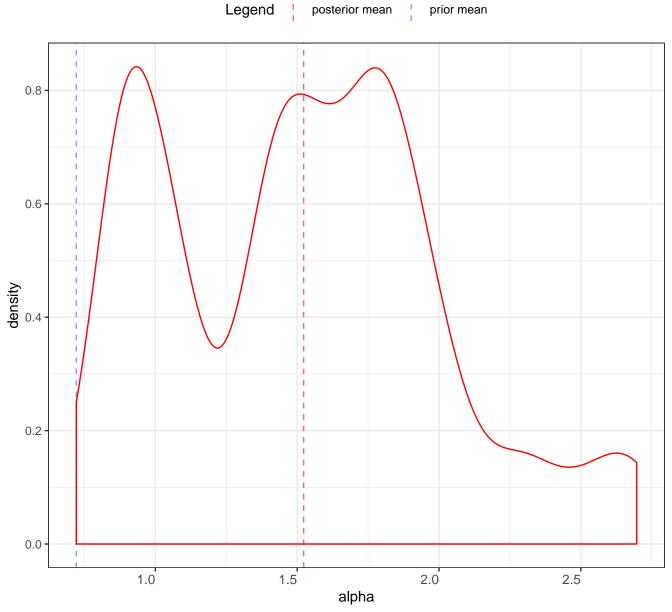
Weights for the case: S=80 ,r=5 true gr K=4 ,type=2 ,N=150 pN=0 0.2 ă 0.1 0.0 50 150 100 tr Number of iterations: 2000 burnin: 1000 number of samples: 500



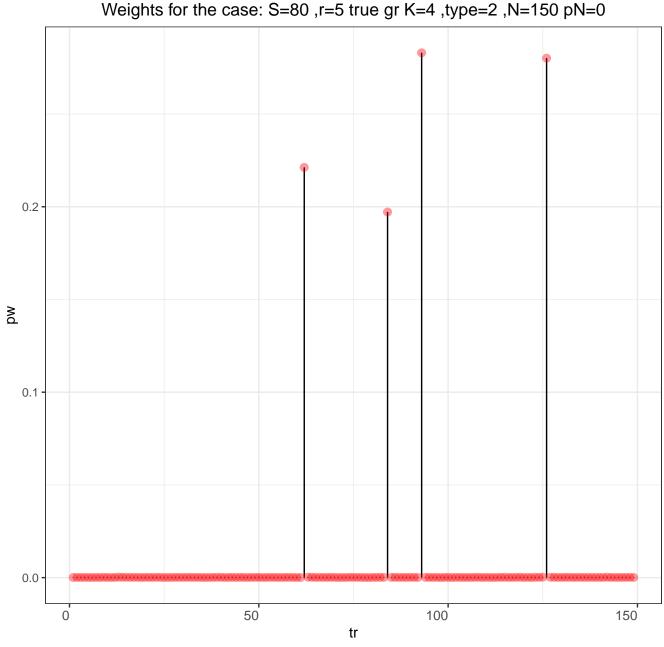
Trace plot for the number of groups K for S=80 r=5 true K=4 type=2 12 10 -6 -1000 2000 1500 500 iter

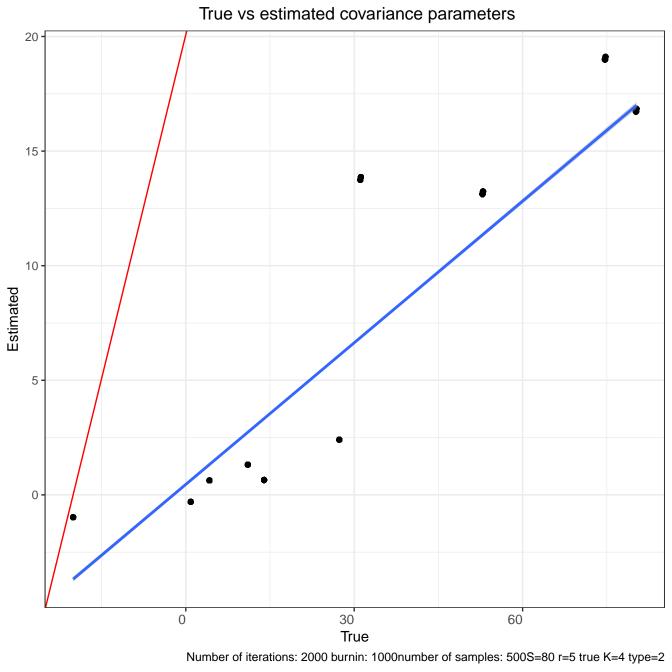
Distribution alpha: S=80 ,r=5 true gr K=4 ,type=2 ,N=150





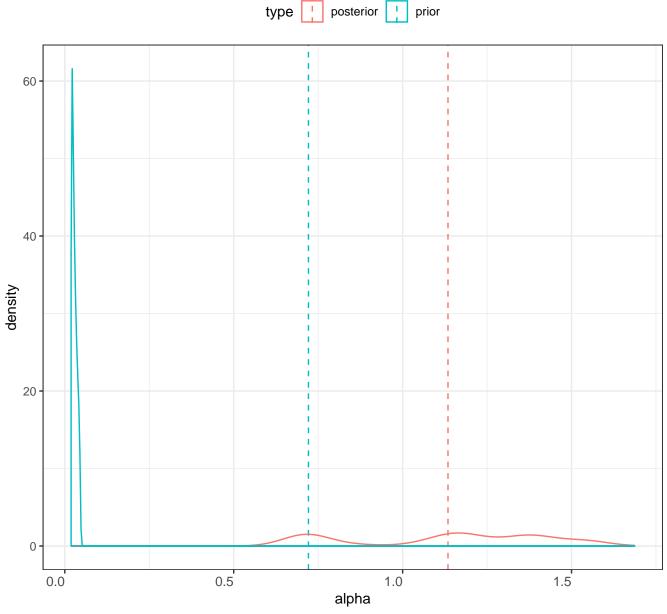
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=2 ,N=150

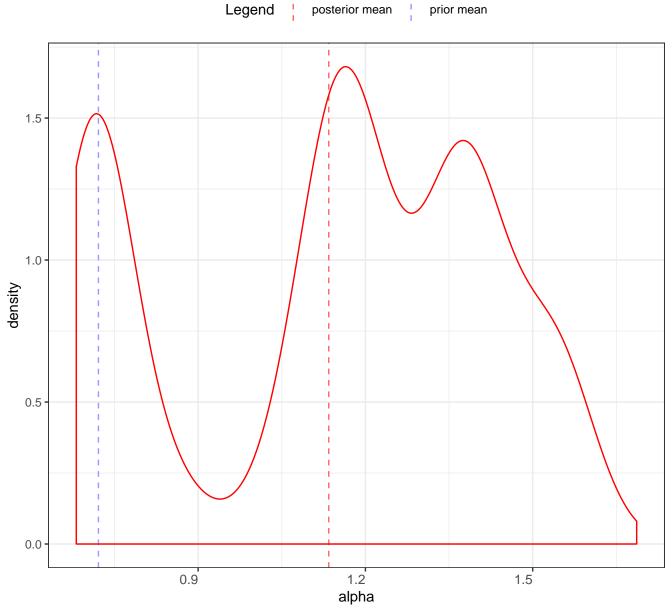




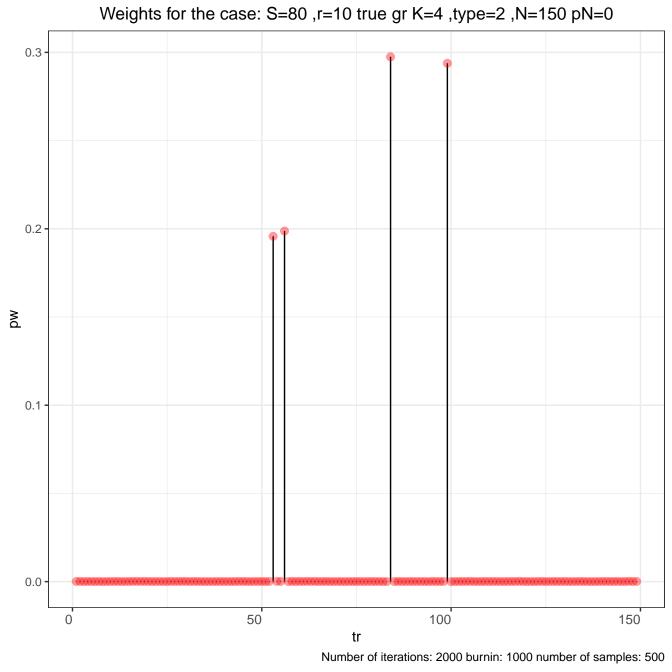
Trace plot for the number of groups K for S=80 r=10 true K=4 type=2 12 -6 -1000 2000 1500 0 500 iter

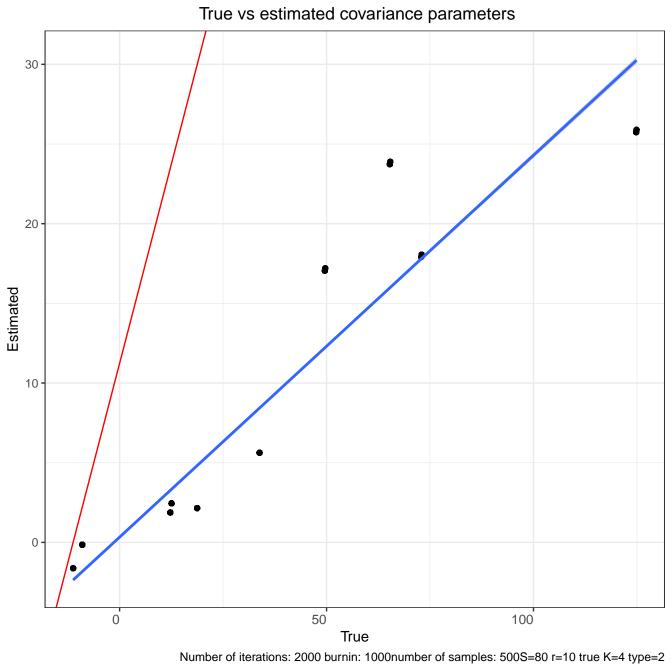
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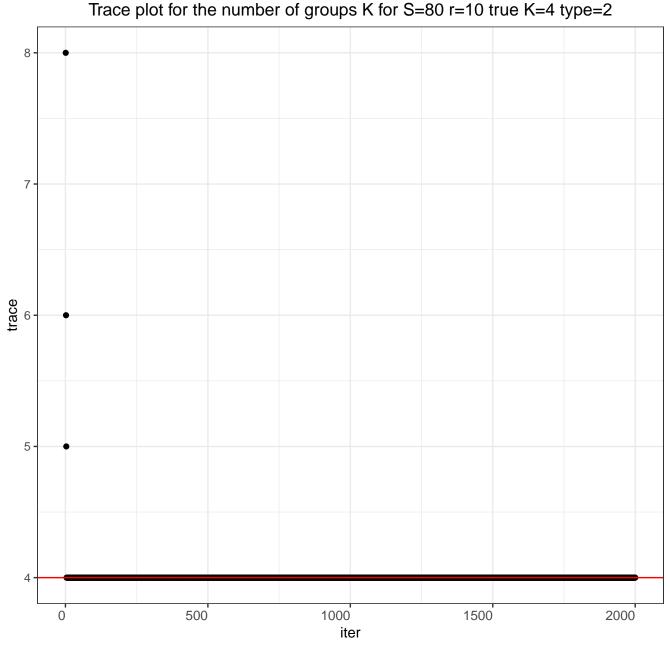




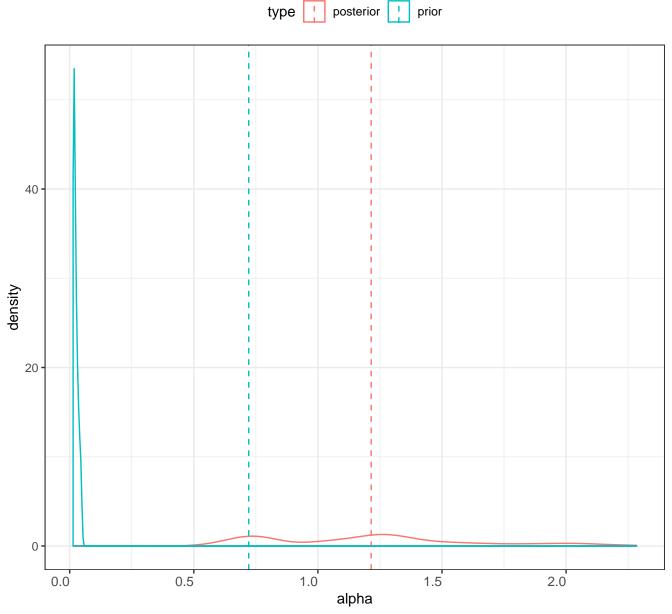
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=2 ,N=150

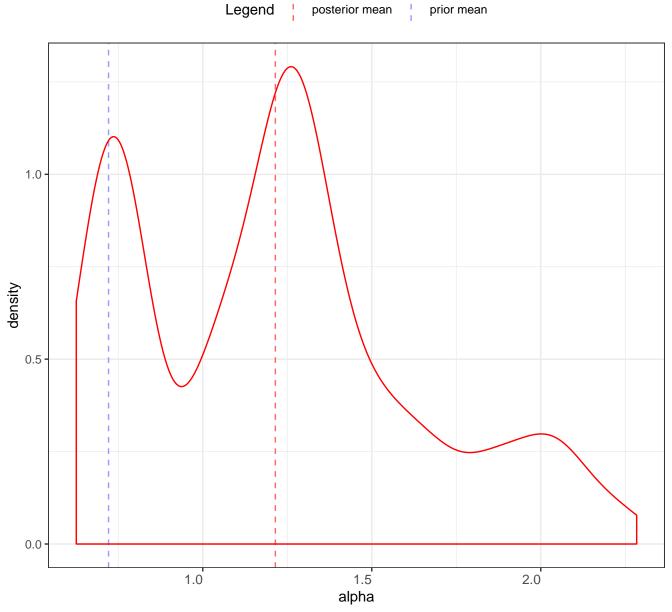






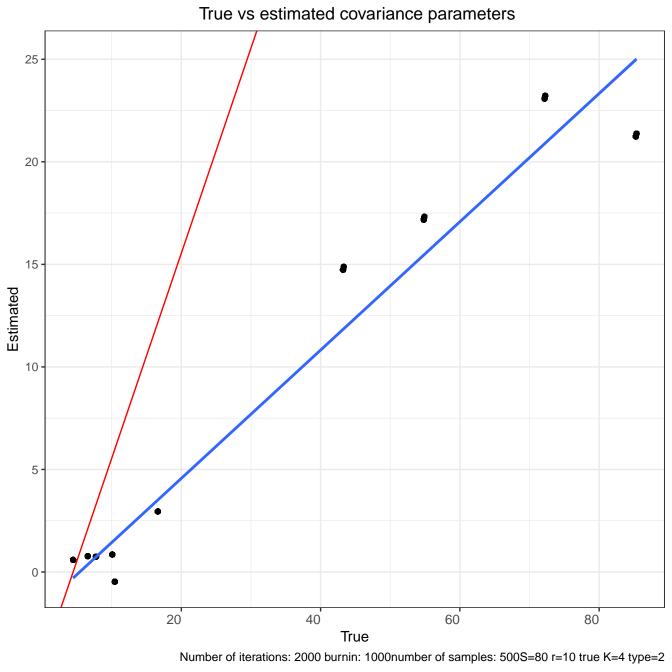
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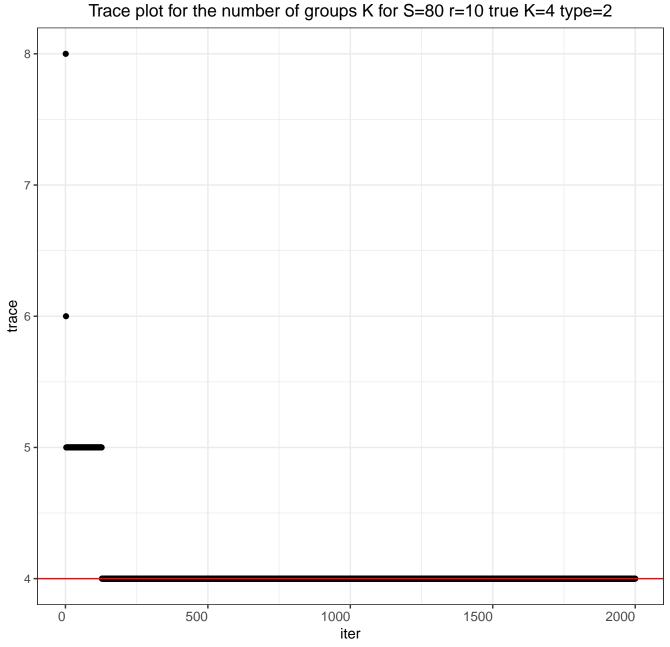


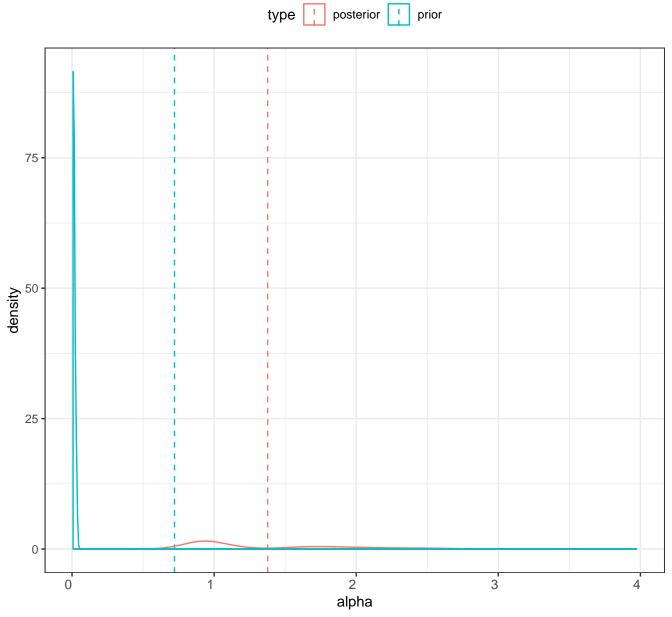


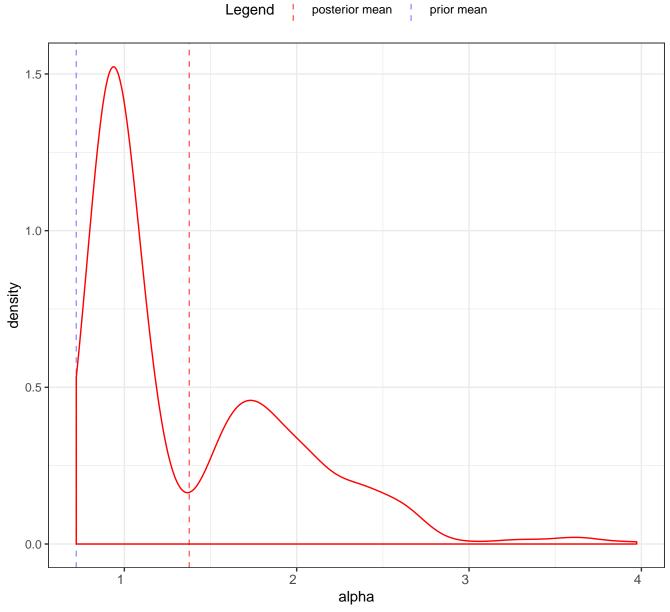
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=2 ,N=150

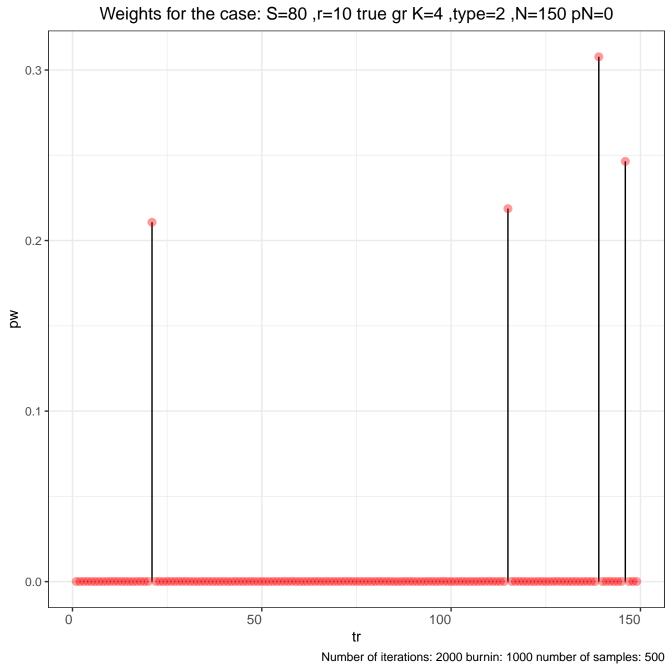
Weights for the case: S=80 ,r=10 true gr K=4 ,type=2 ,N=150 pN=0 0.2 ă 0.1 0.0 50 150 100 tr Number of iterations: 2000 burnin: 1000 number of samples: 500

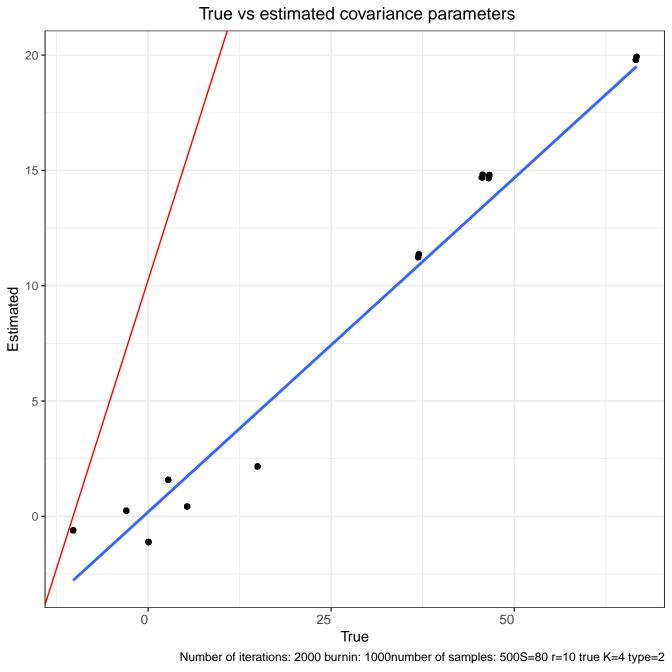


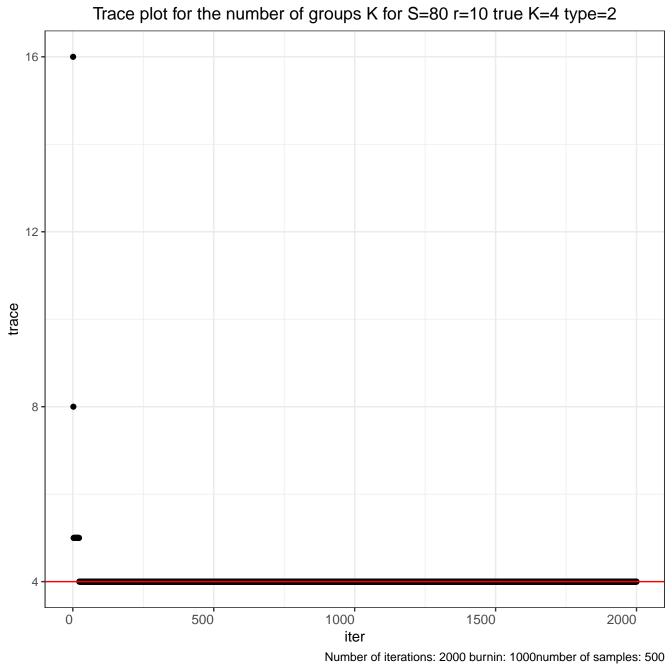


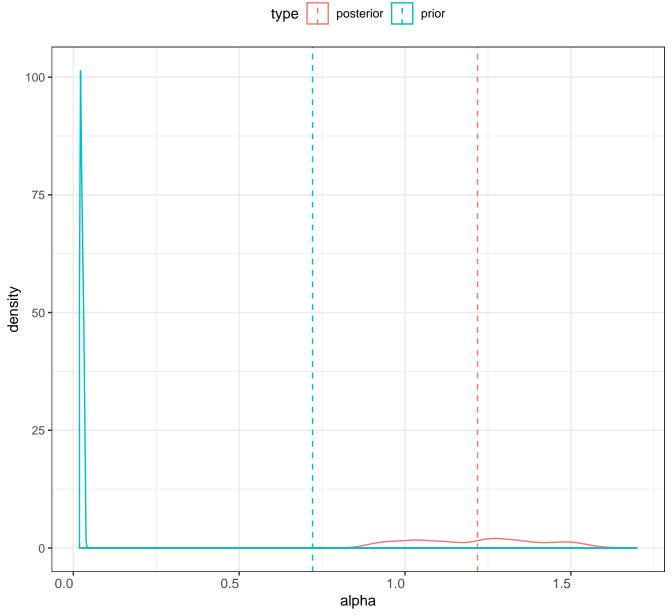


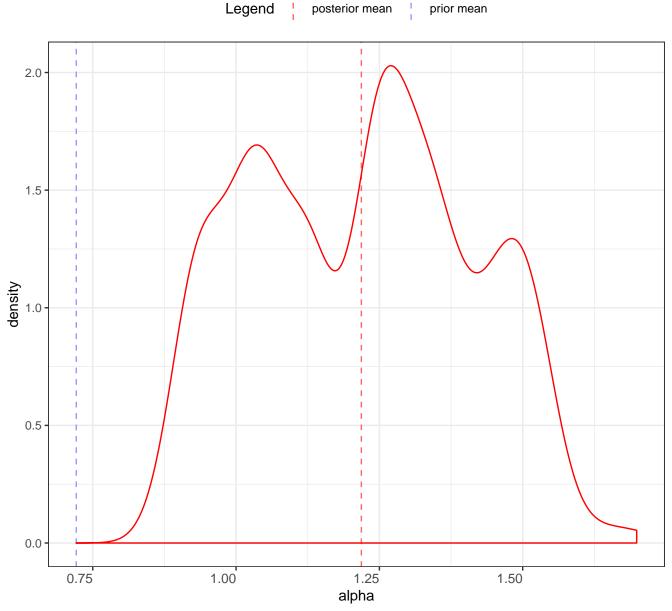


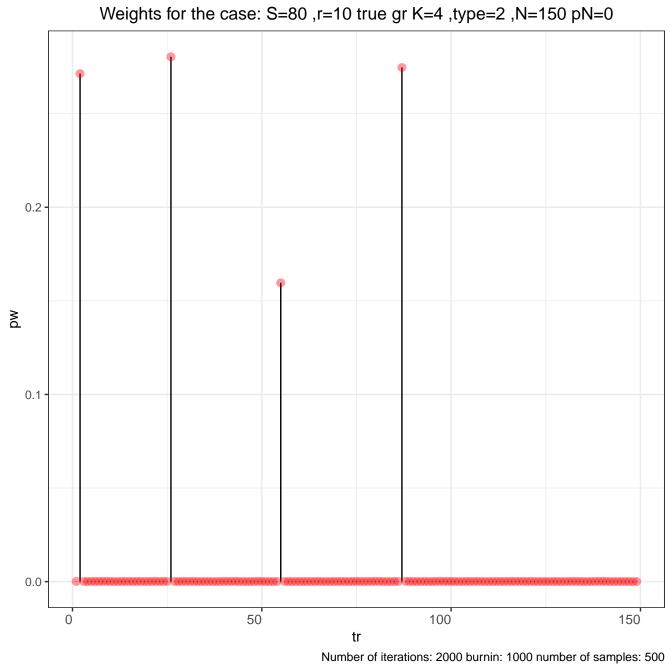


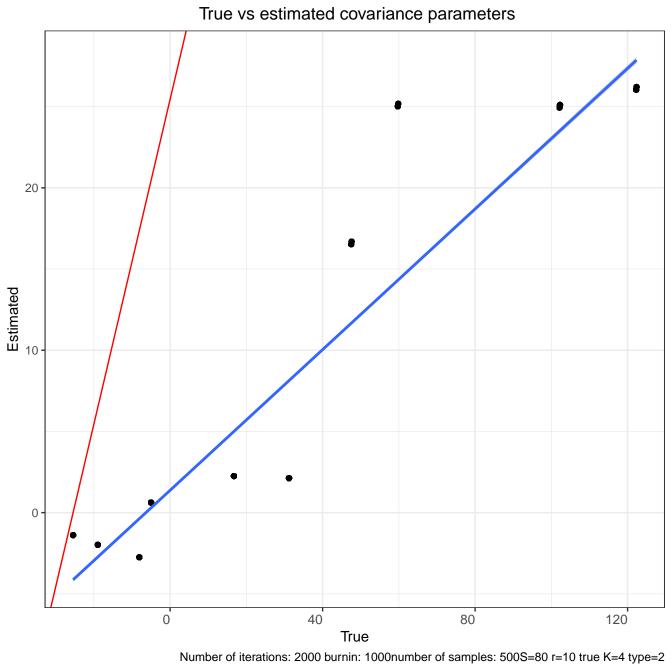




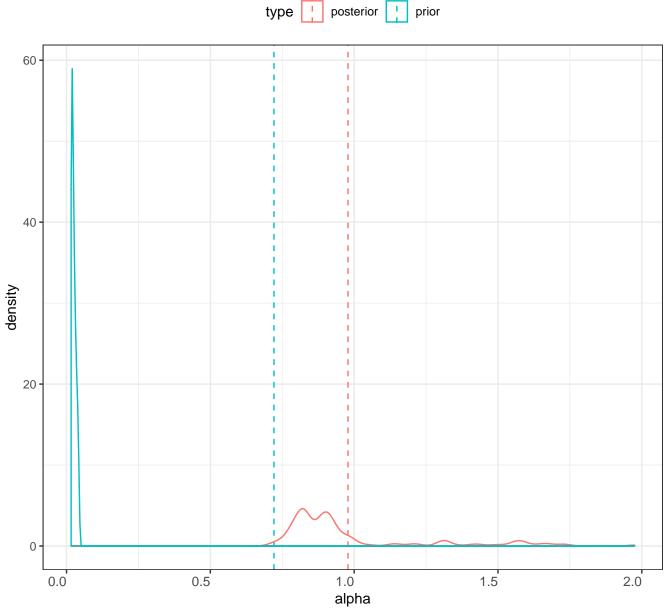


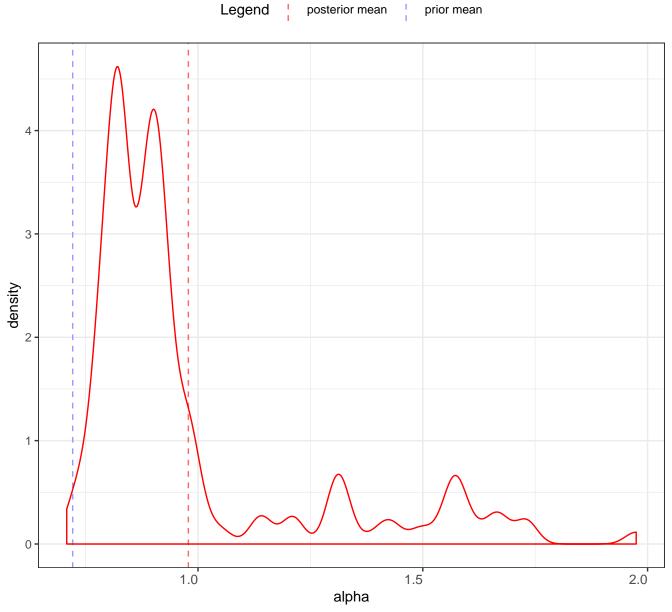




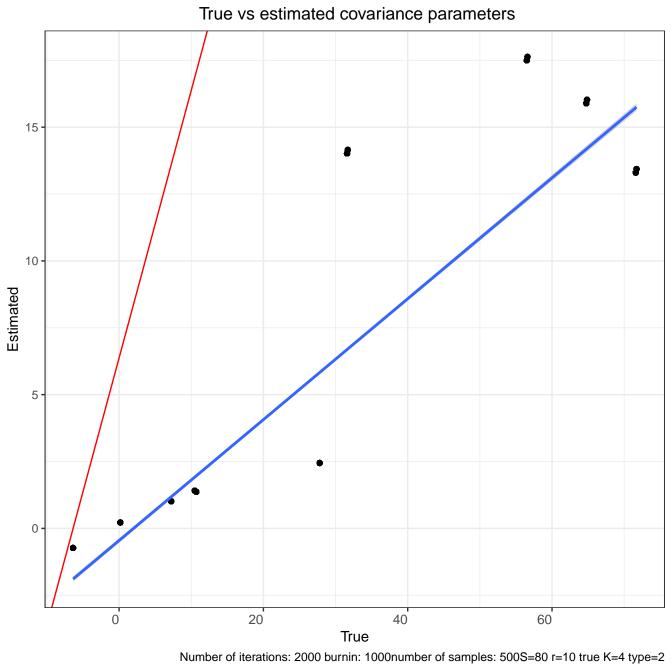


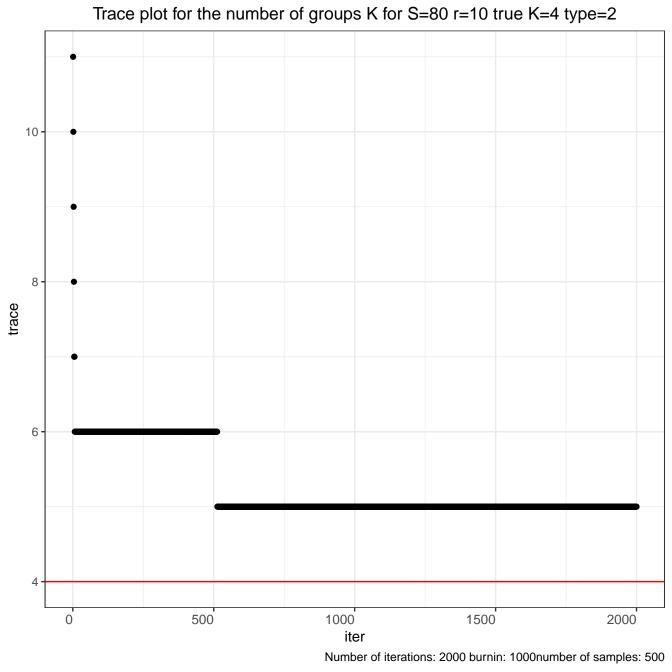
Trace plot for the number of groups K for S=80 r=10 true K=4 type=2 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

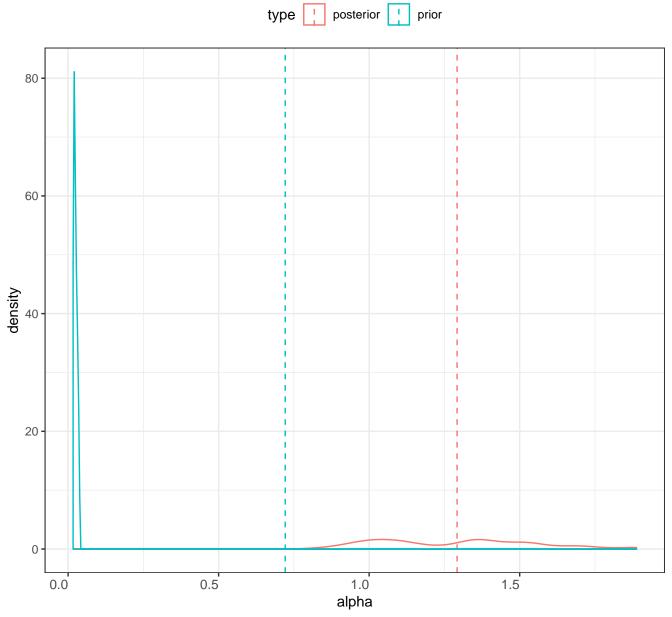


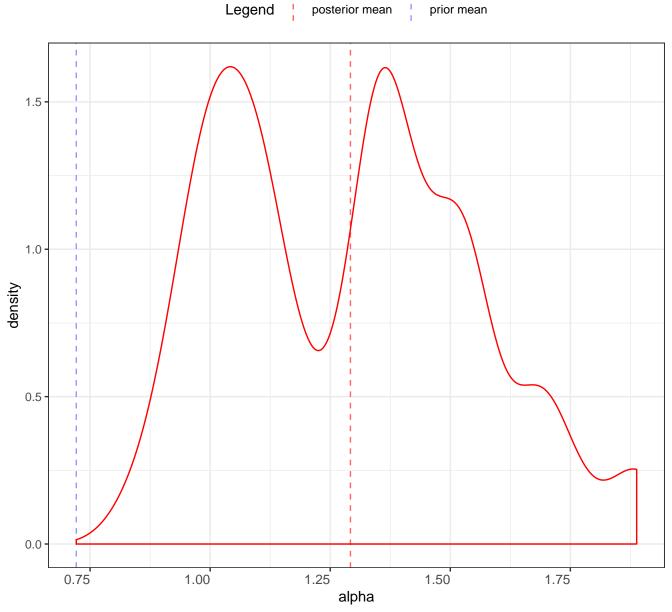


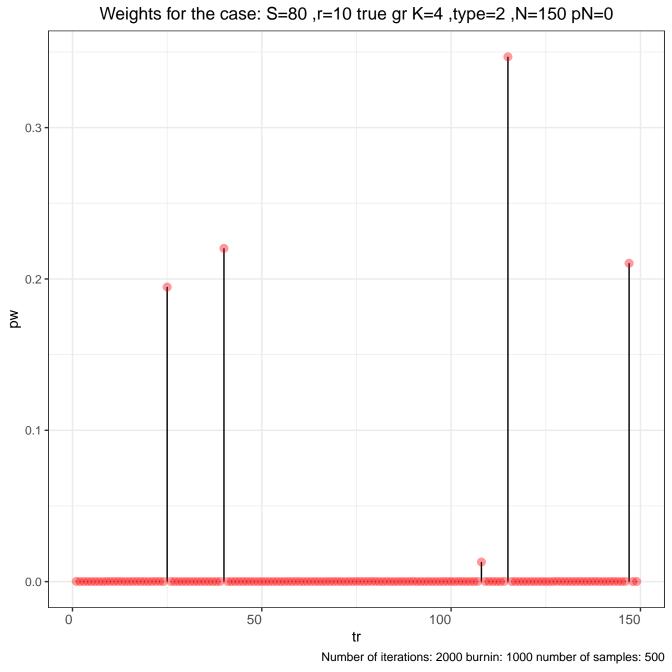
Weights for the case: S=80 ,r=10 true gr K=4 ,type=2 ,N=150 pN=0 0.3 0.2 ă 0.1 0.0 50 100 150 tr Number of iterations: 2000 burnin: 1000 number of samples: 500

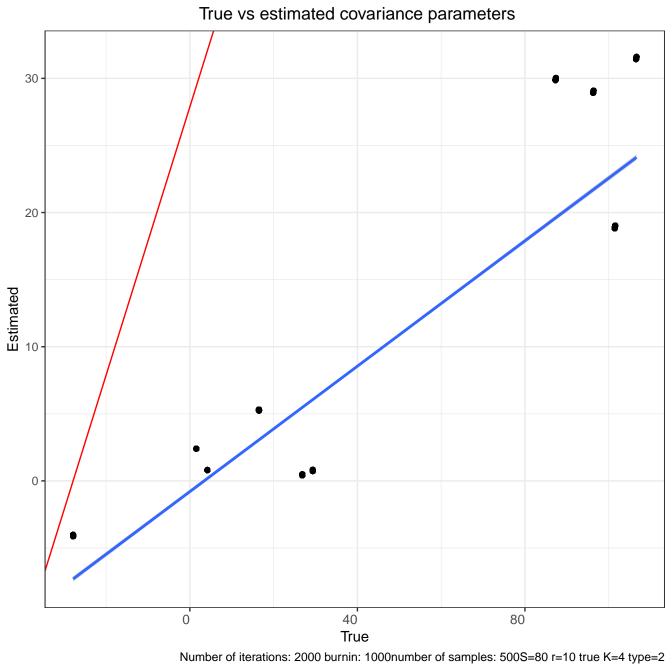


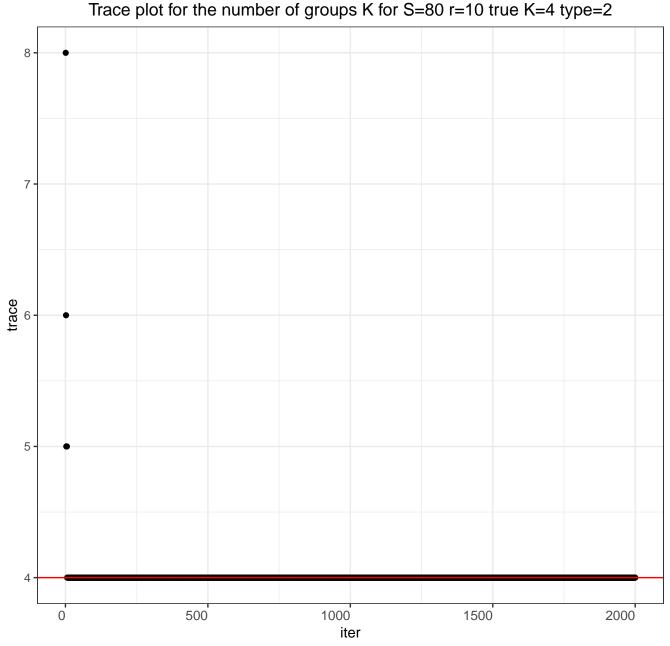


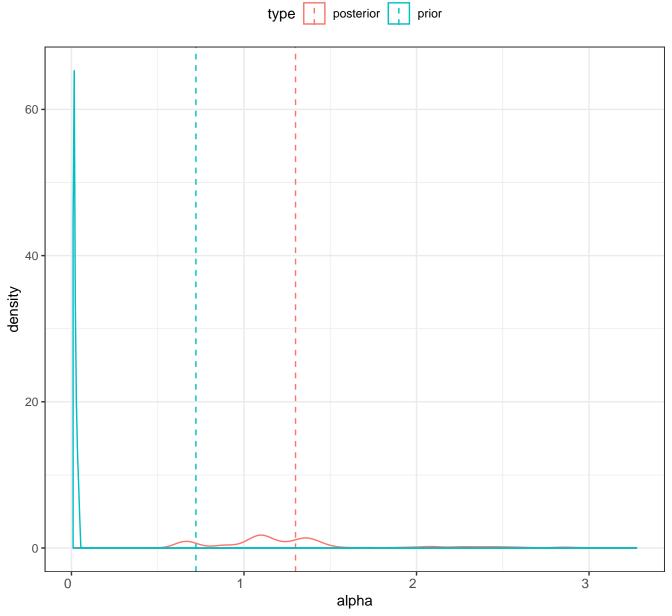


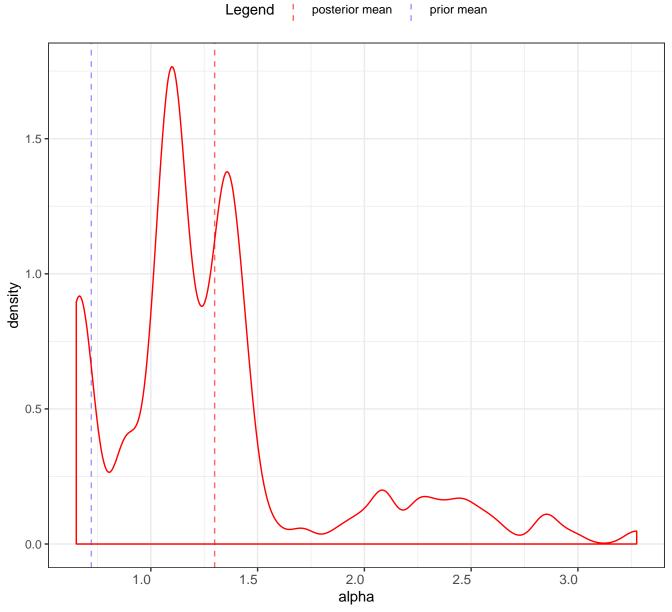


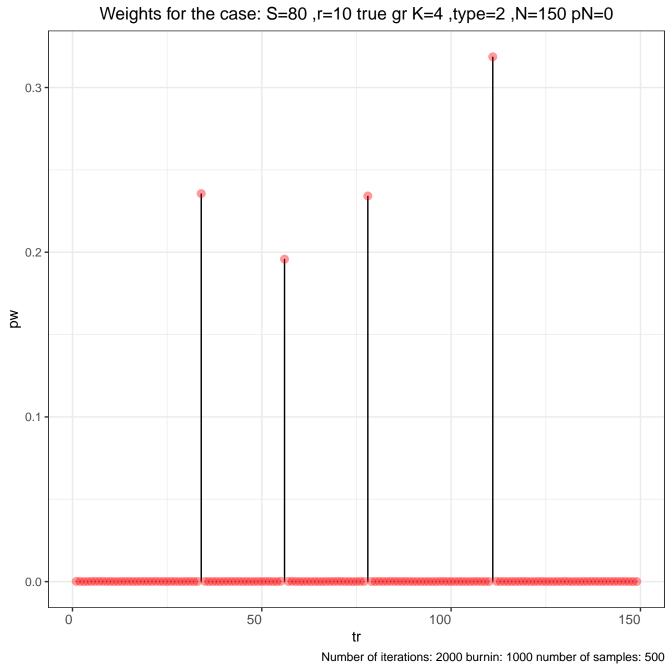


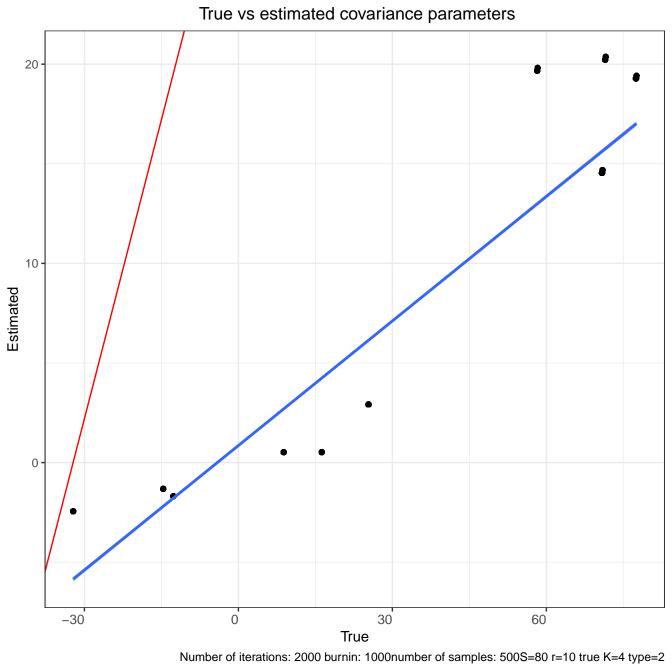


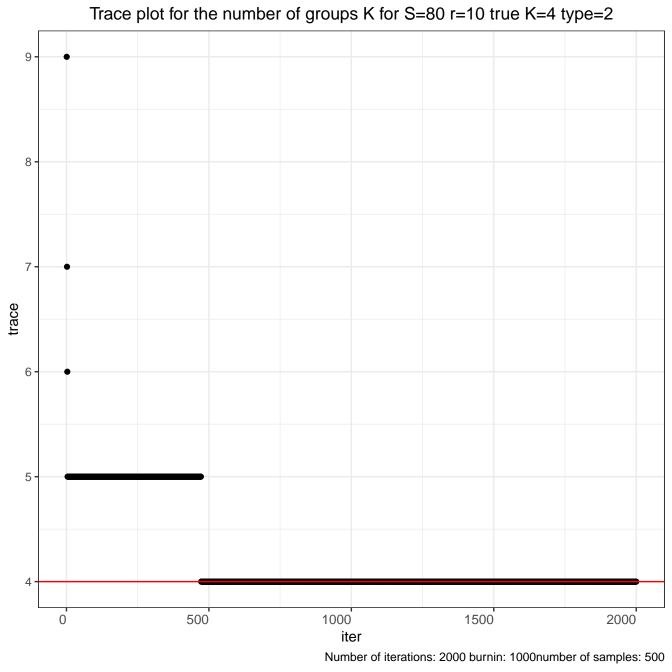


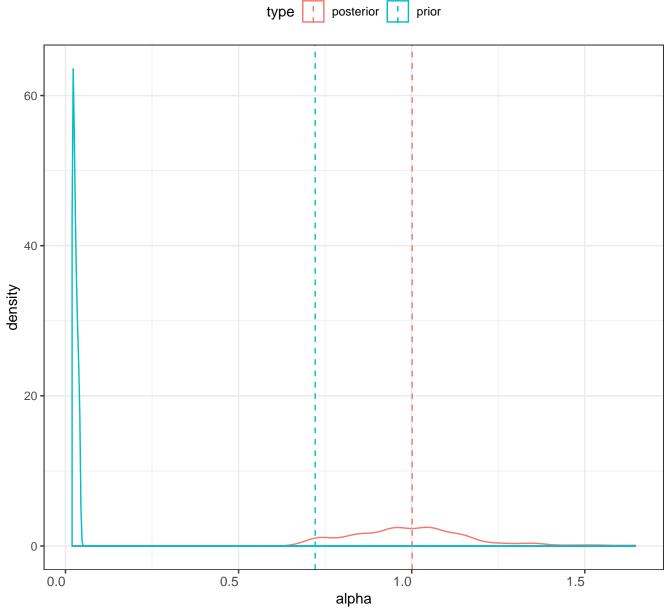


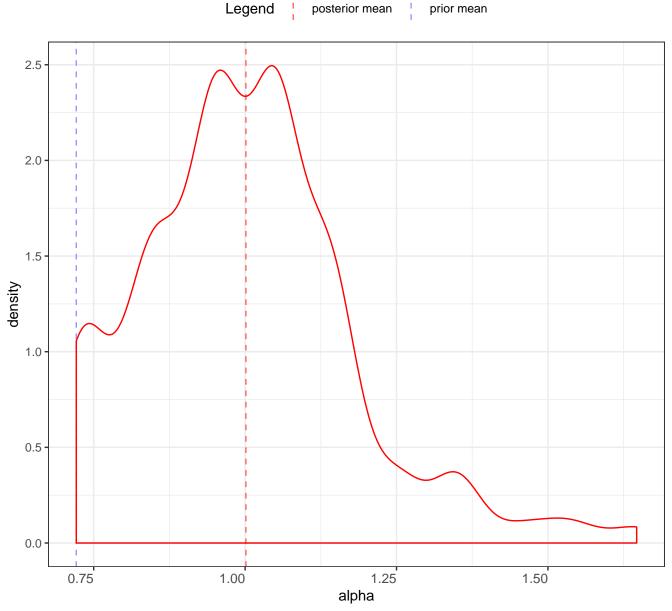


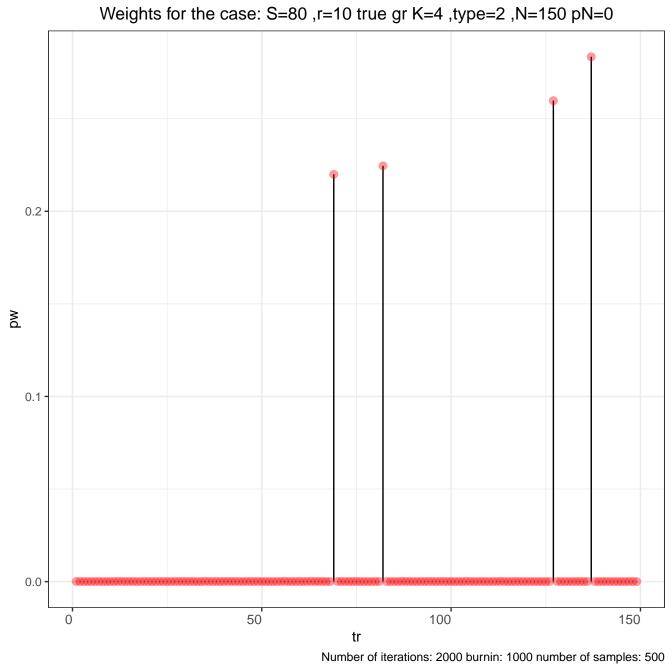


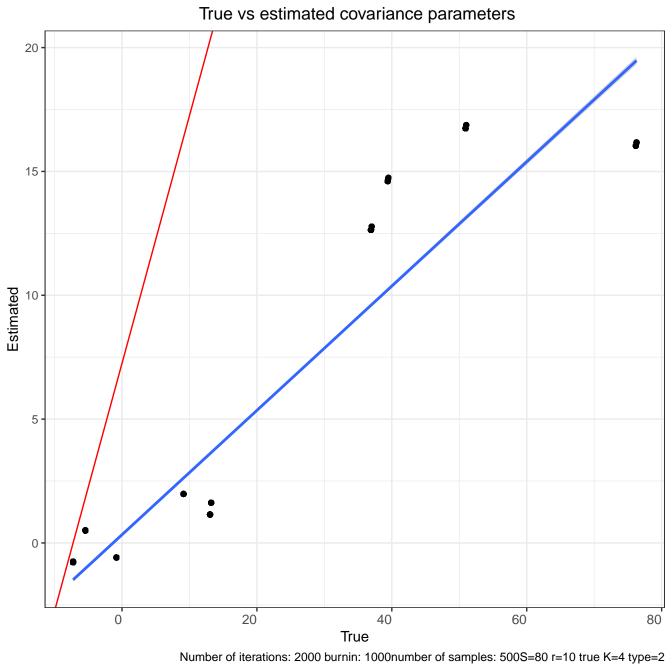




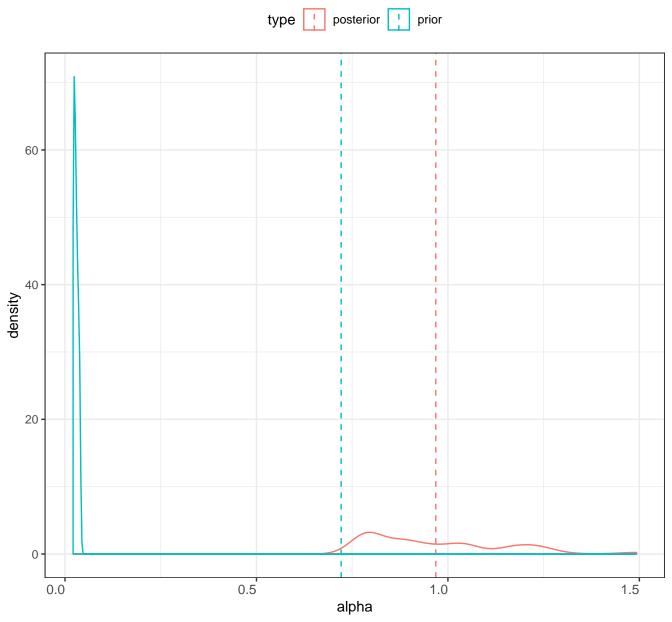


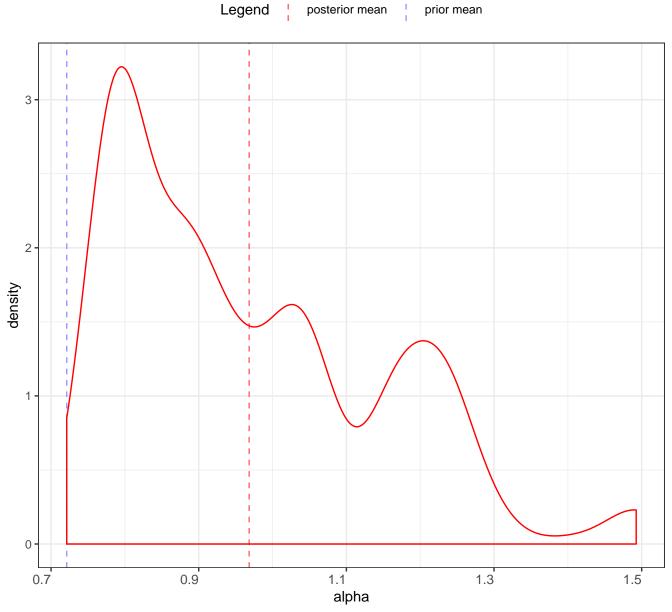


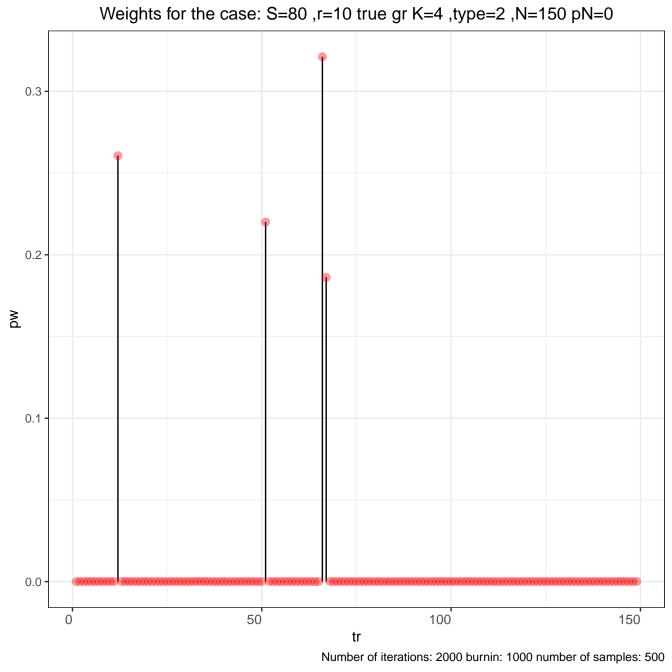


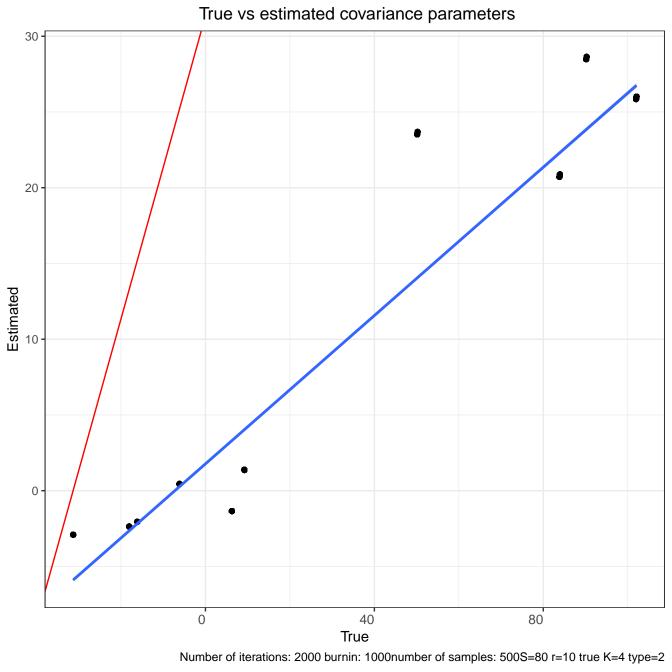


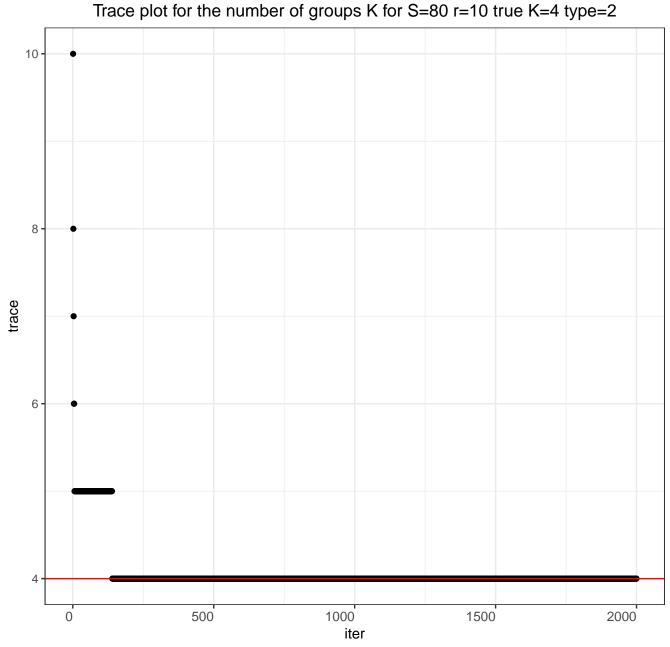
Trace plot for the number of groups K for S=80 r=10 true K=4 type=2 10 -8 trace 6 -1000 2000 1500 0 500 iter

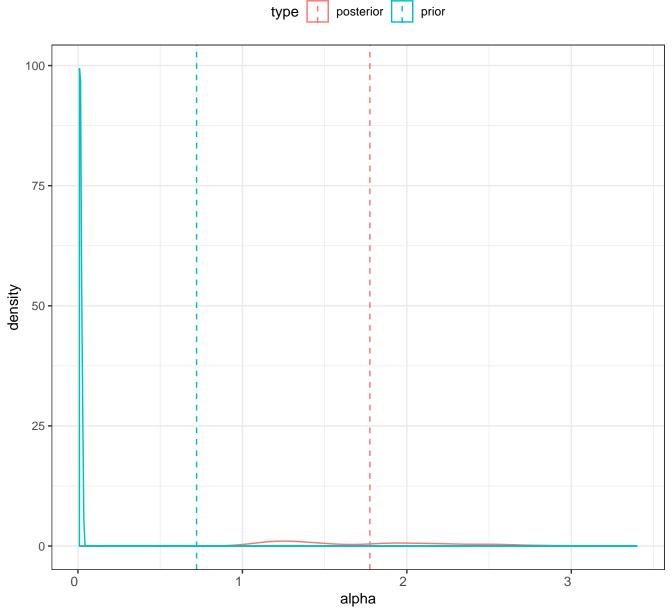


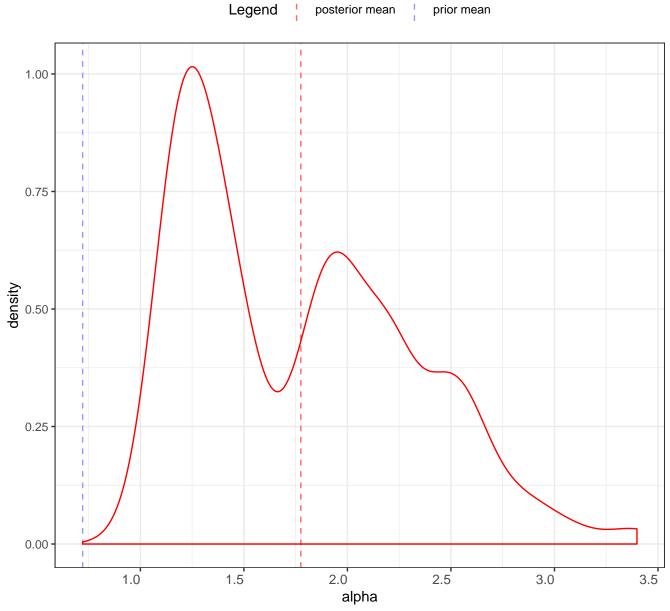


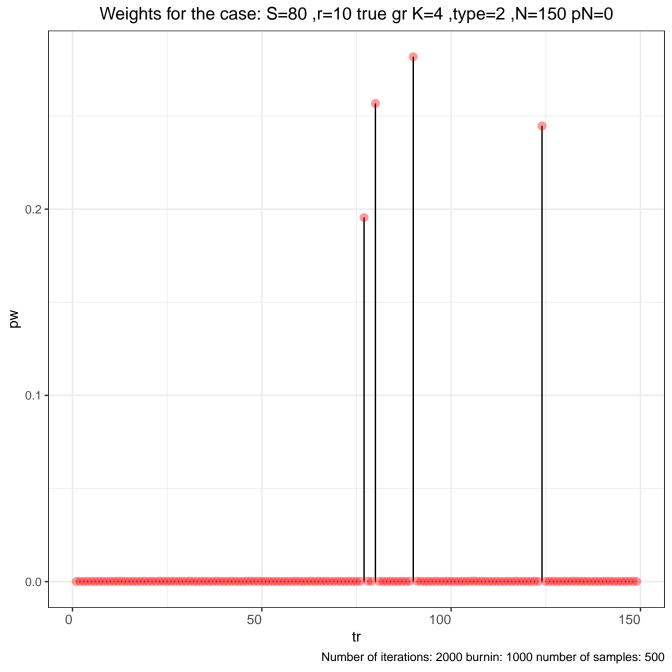


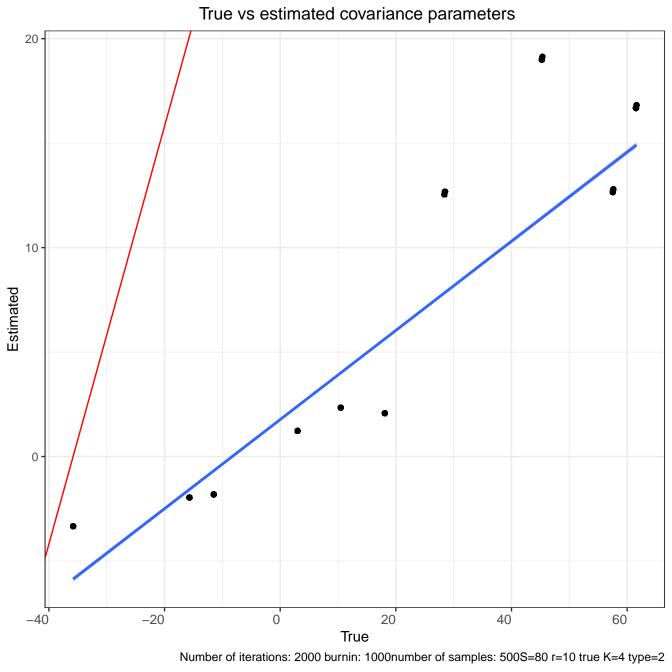


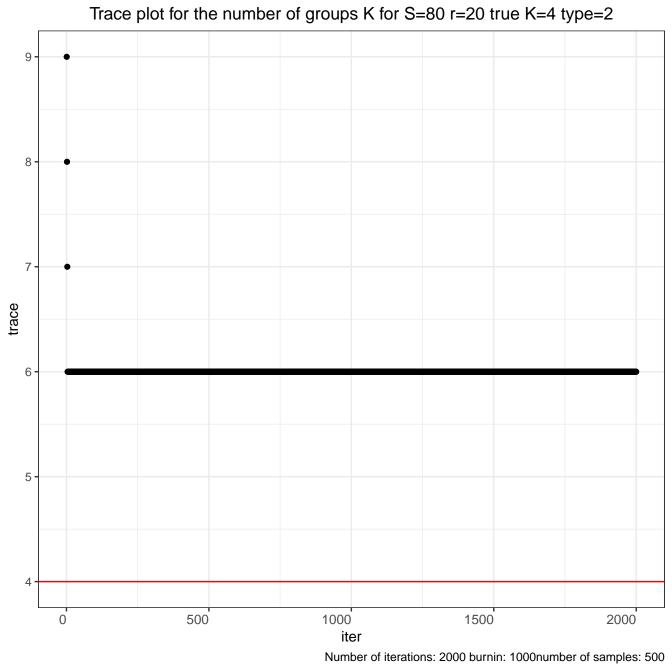


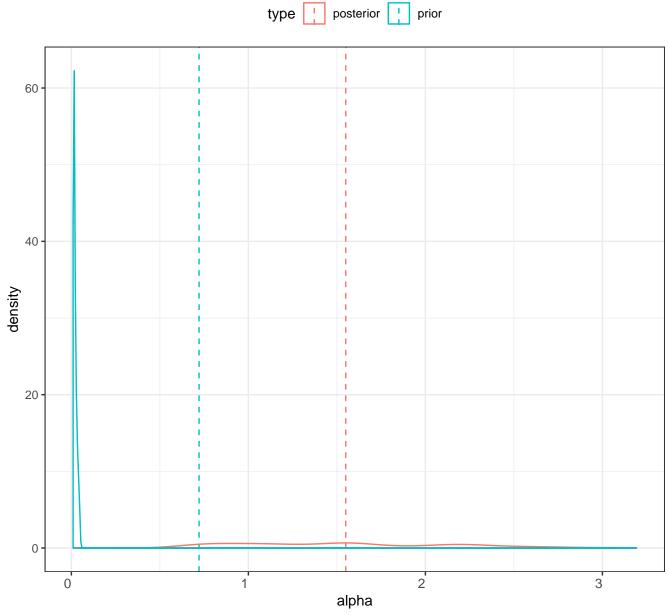


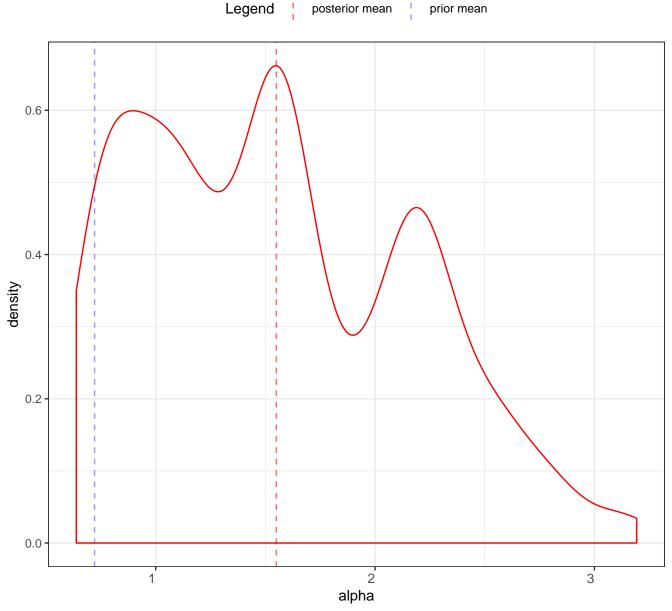


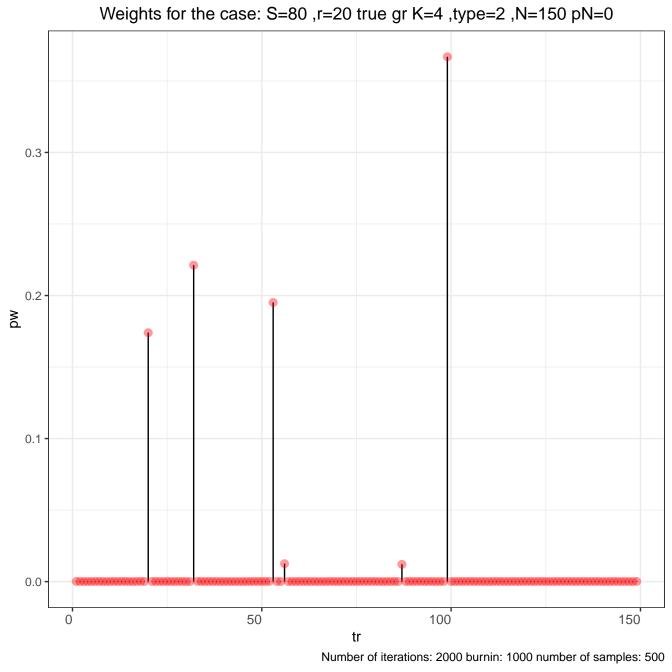


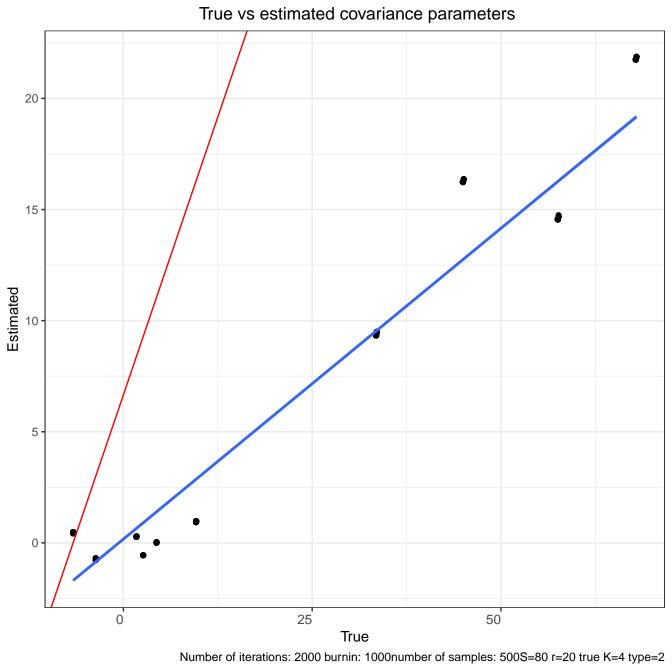


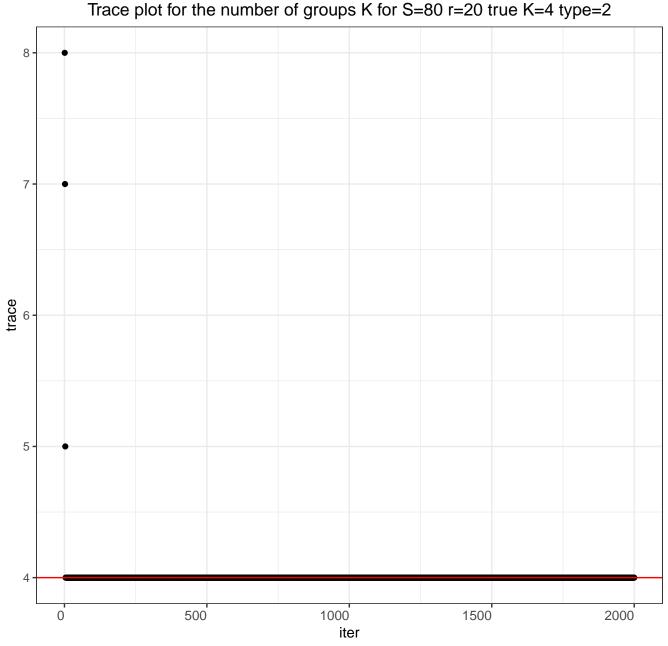


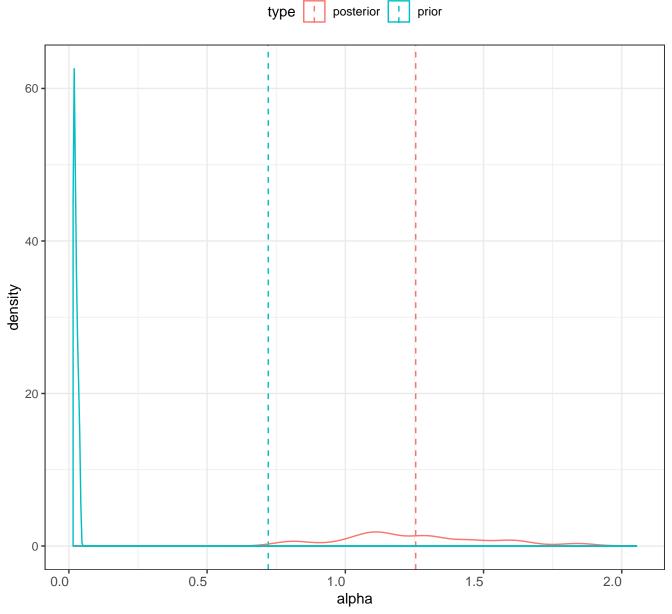


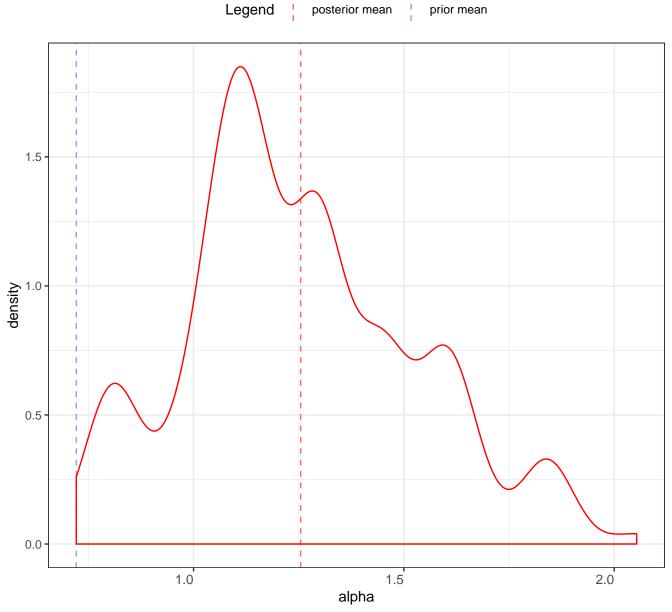


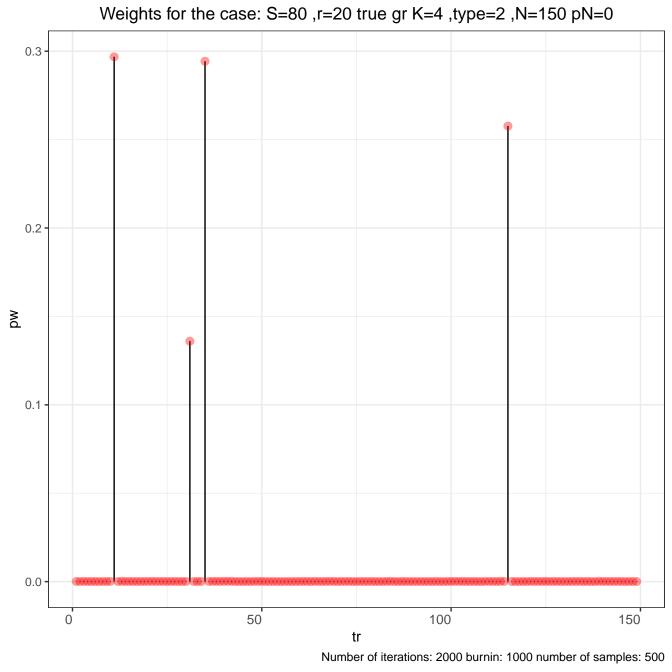


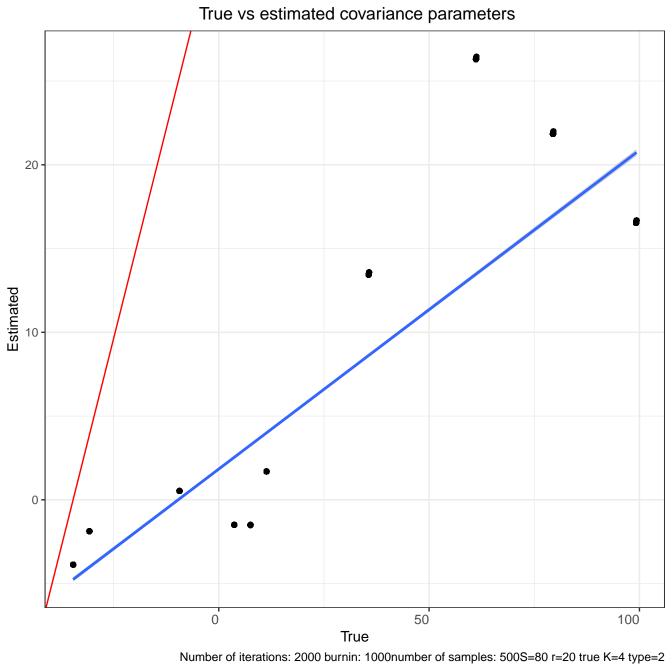


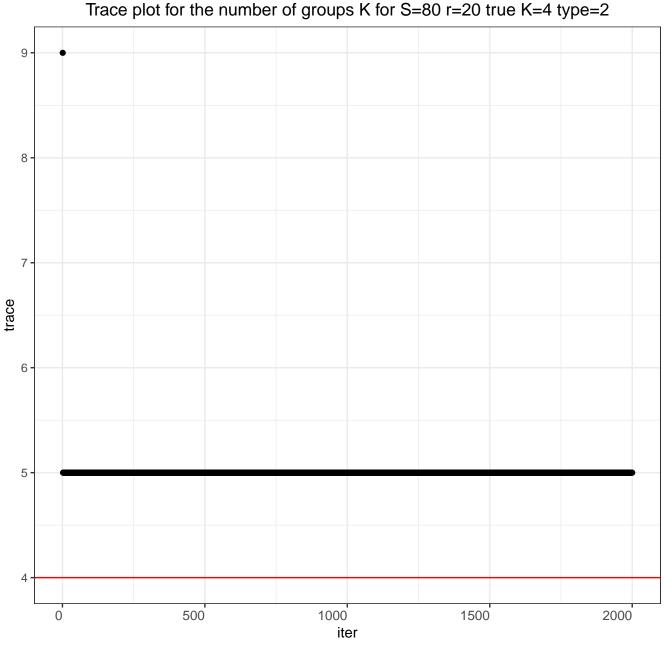


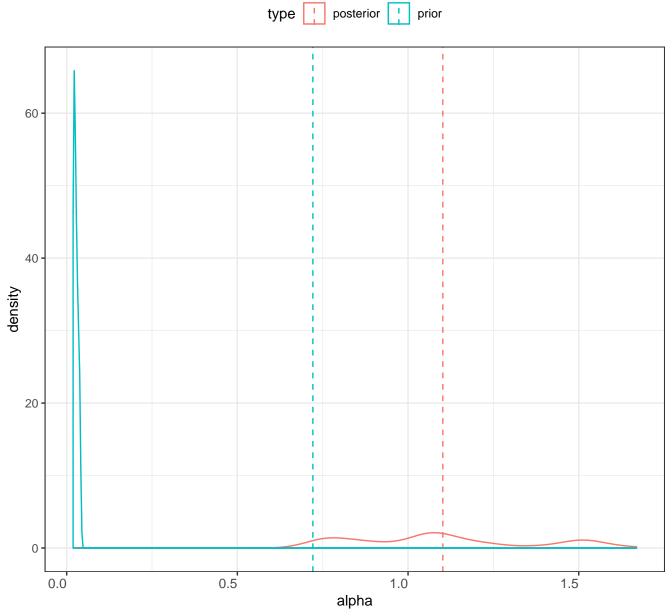


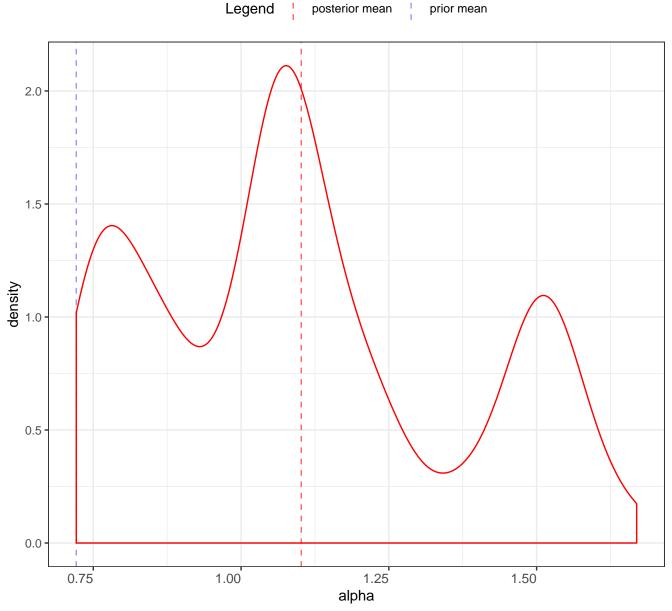


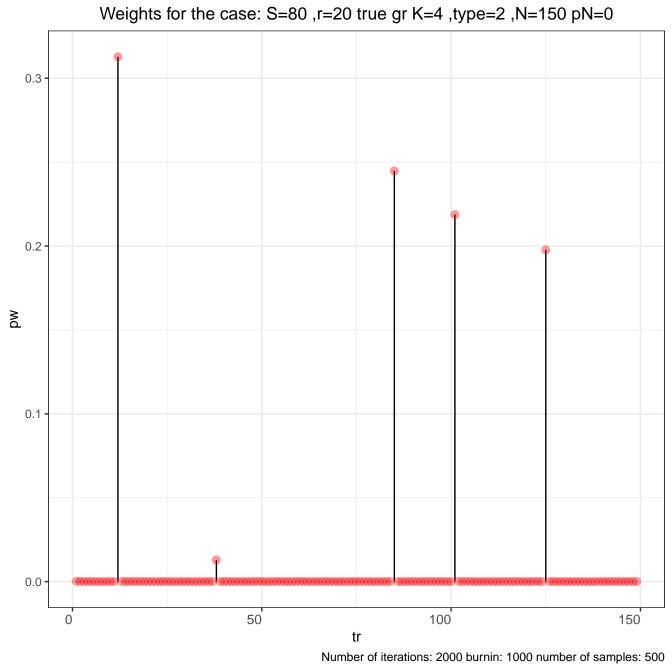


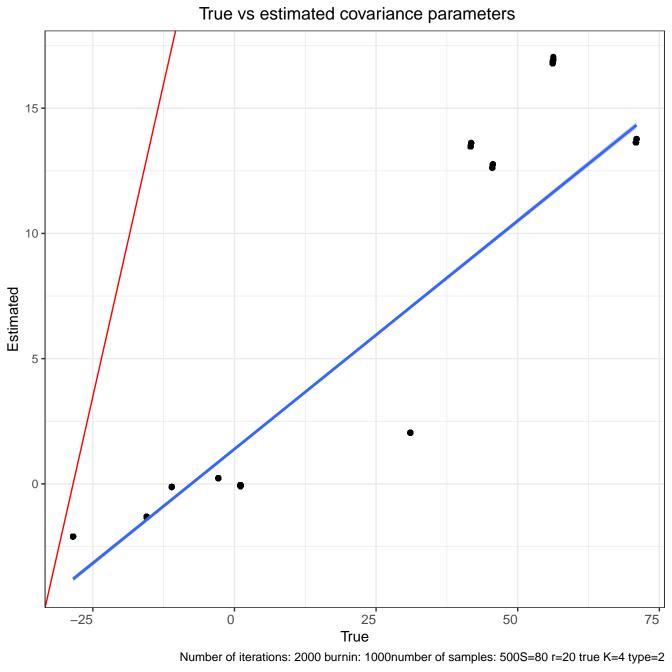


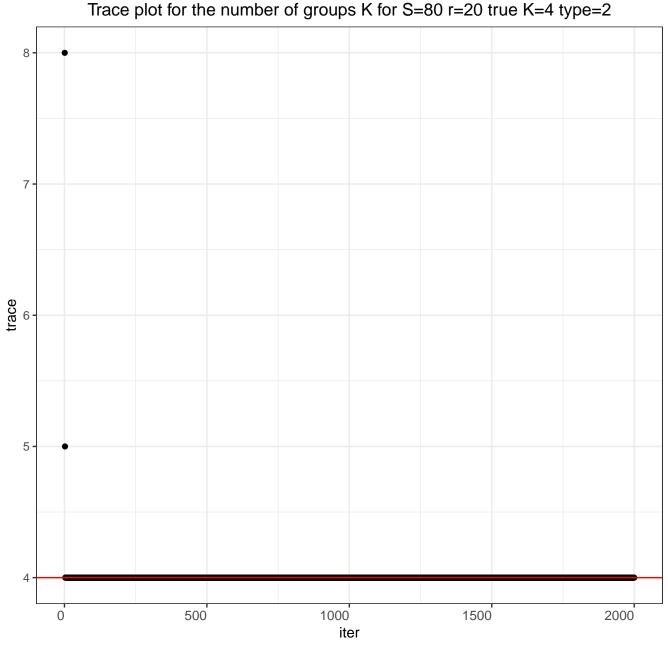


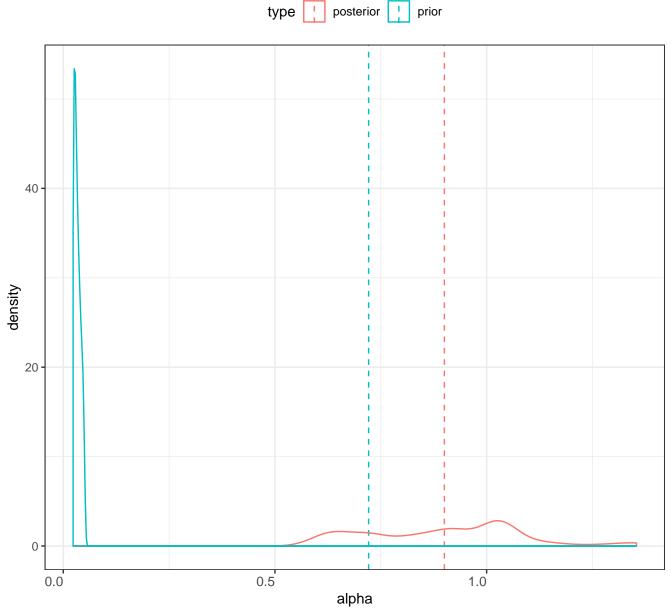




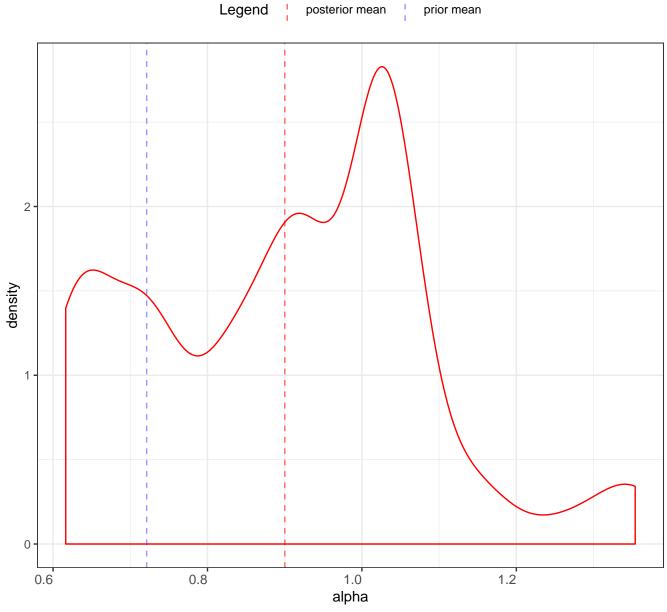


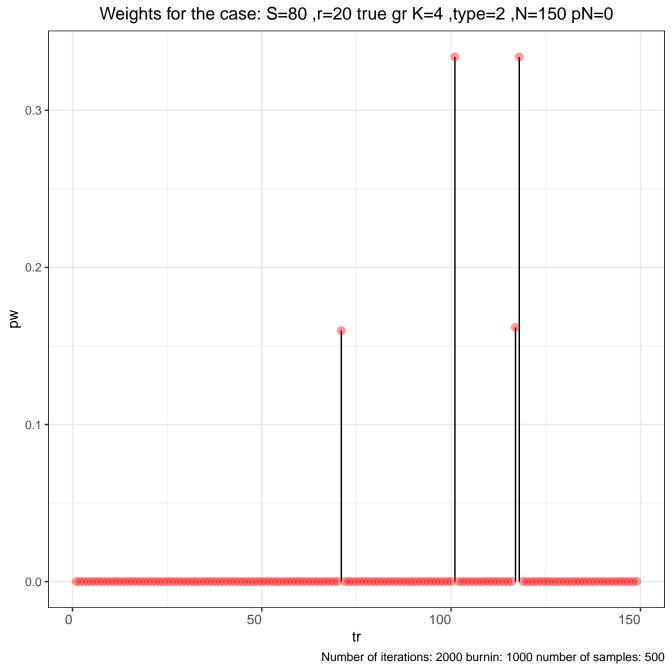


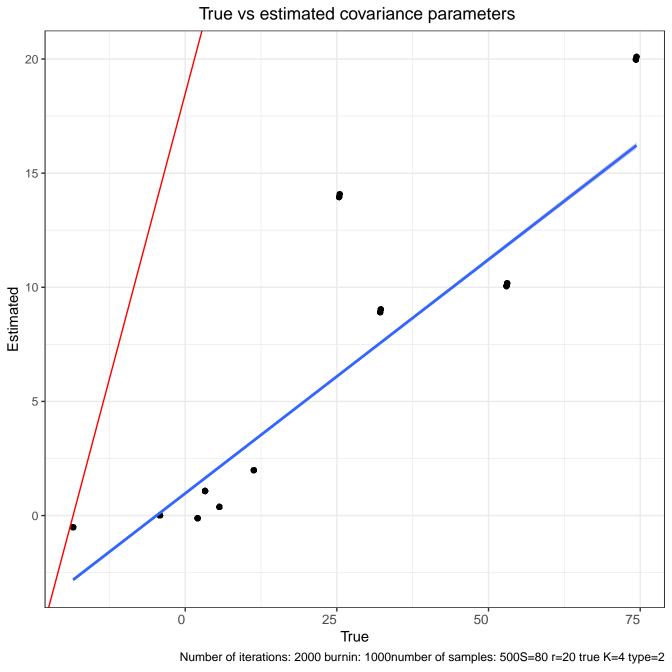


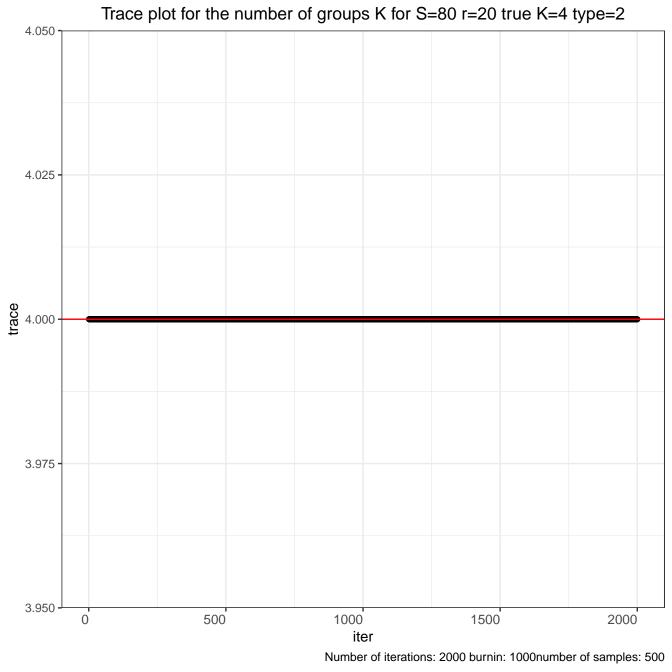


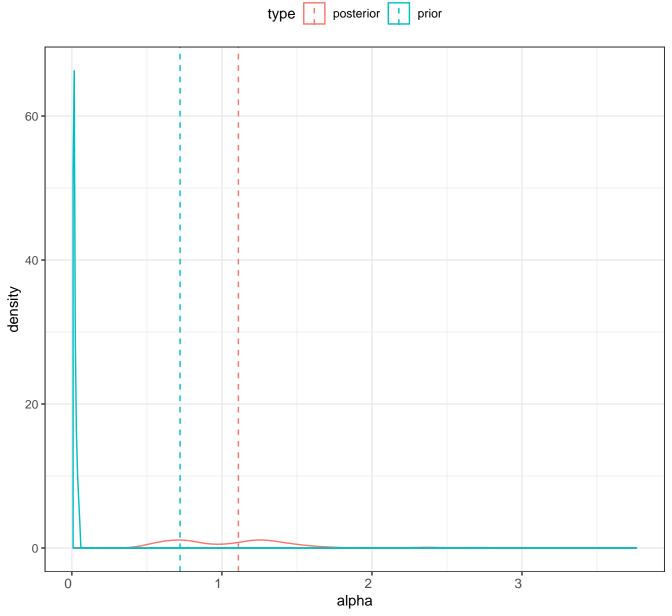
prior mean

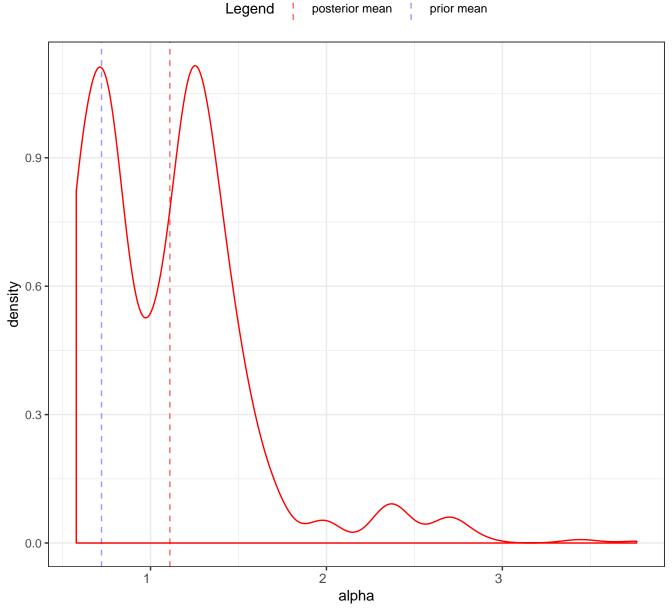


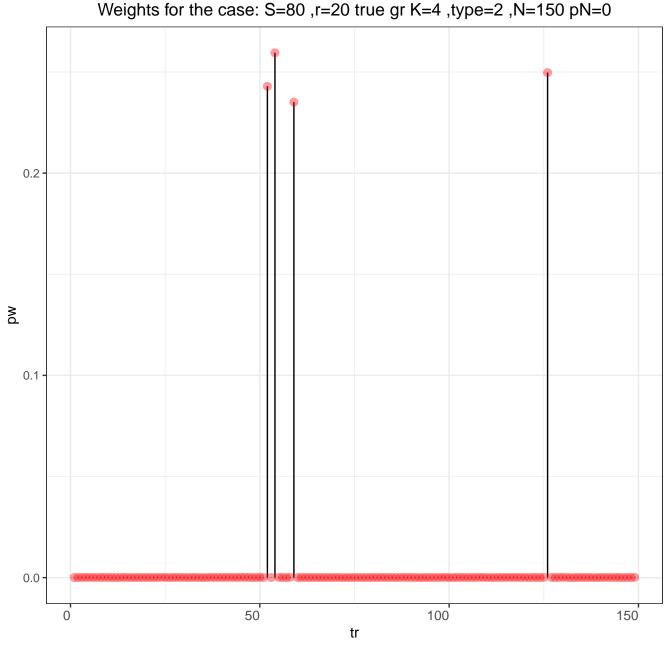


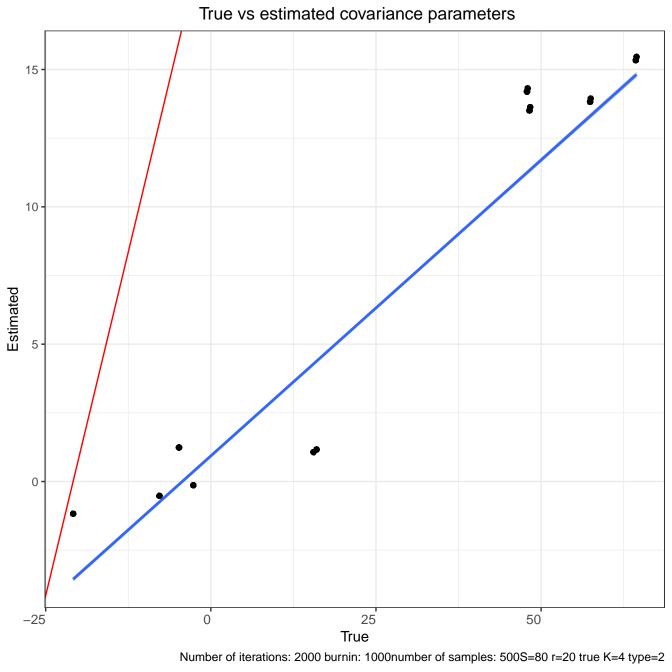


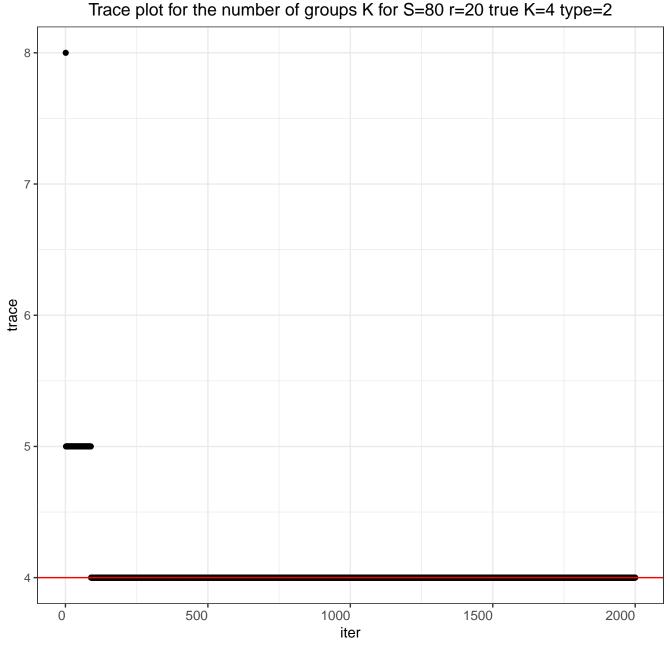


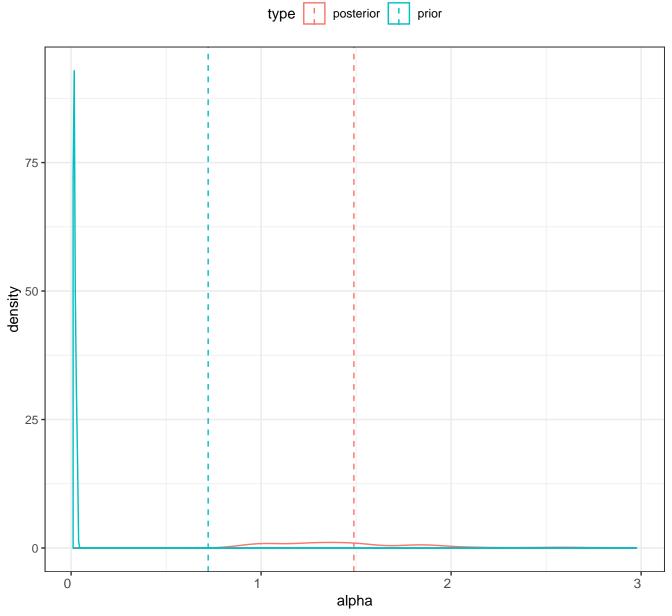


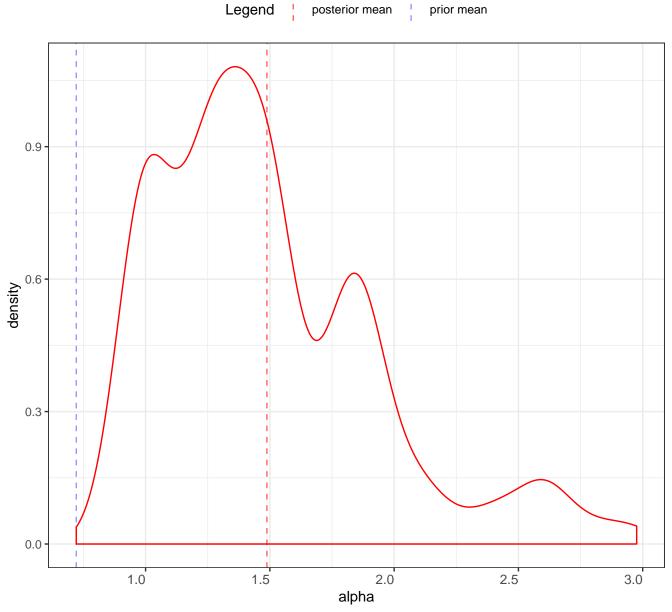


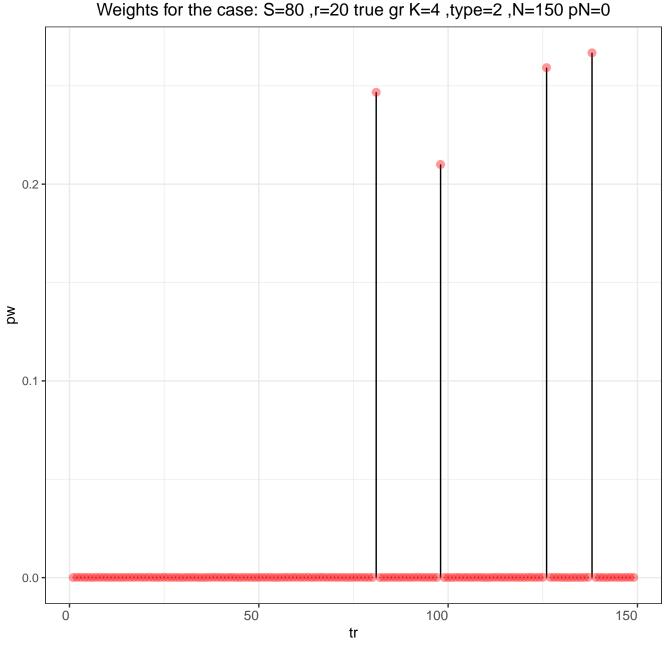


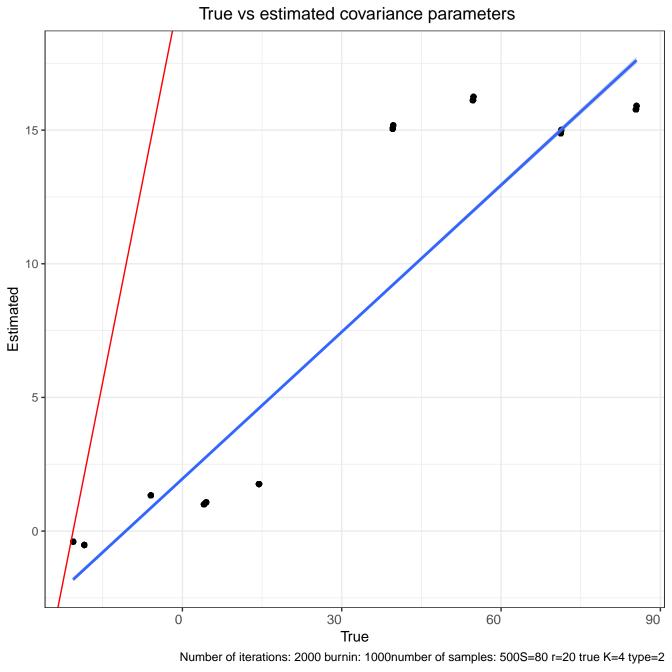


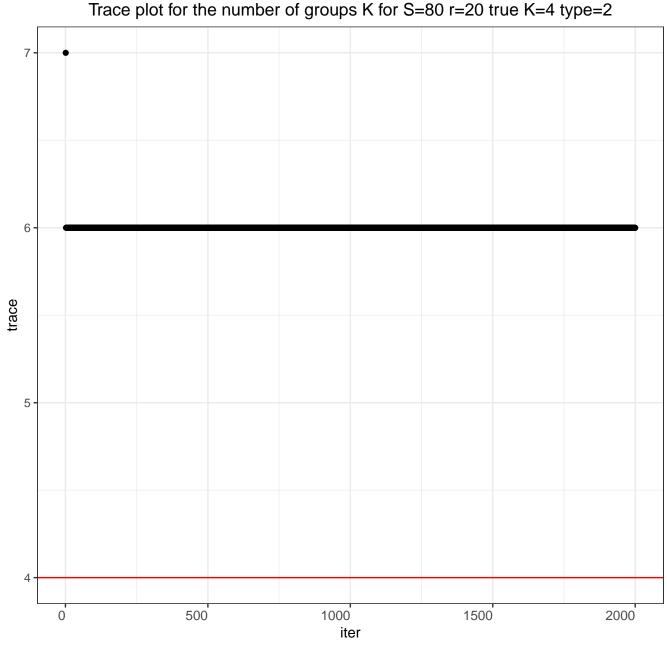


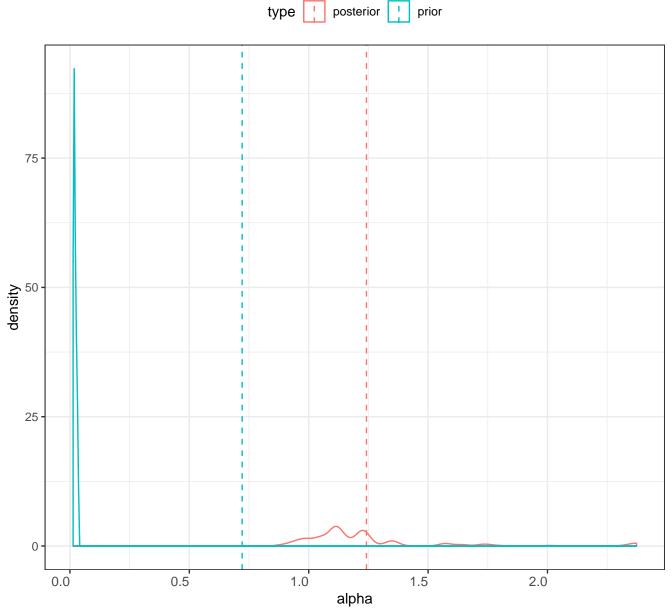


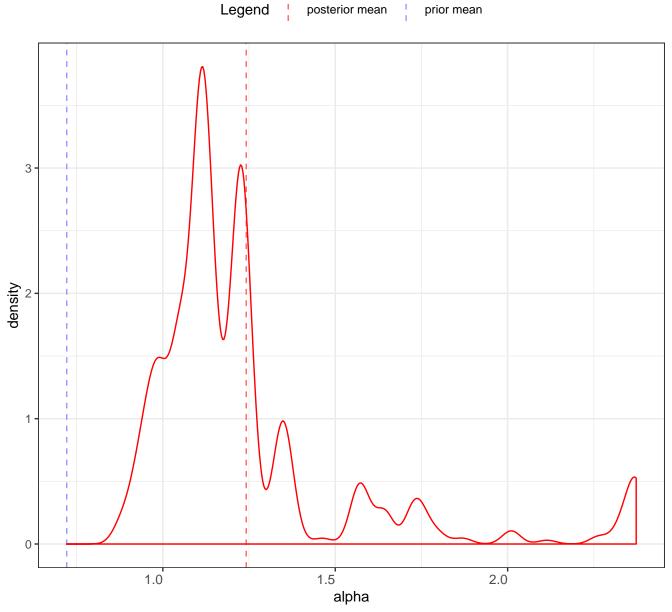


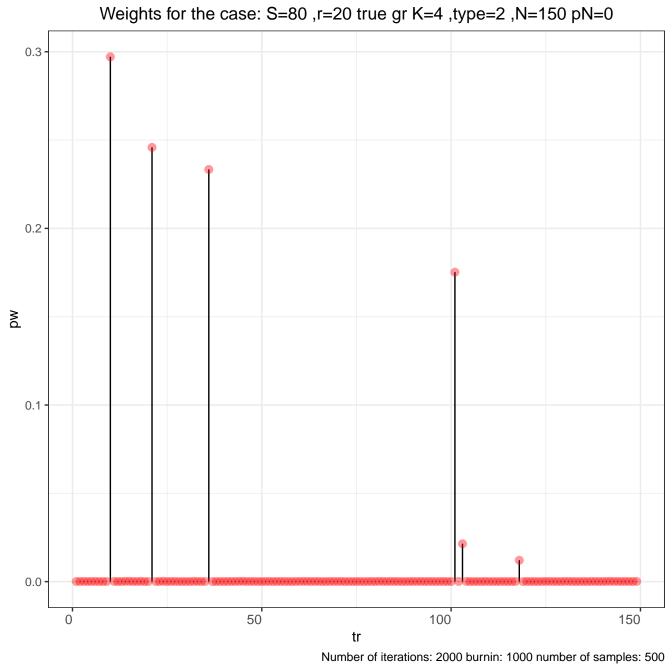


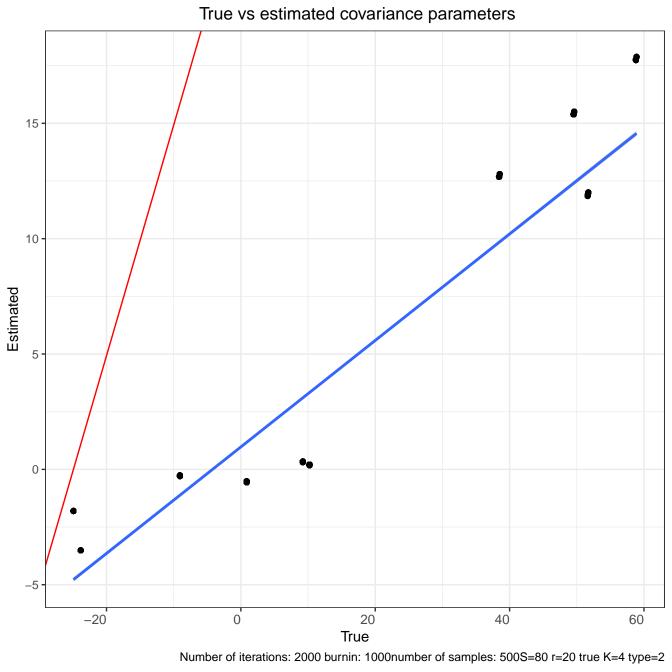


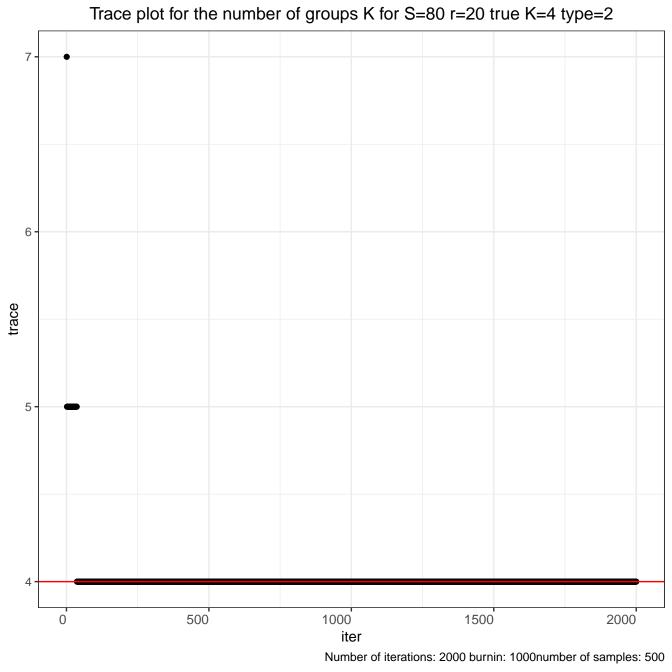






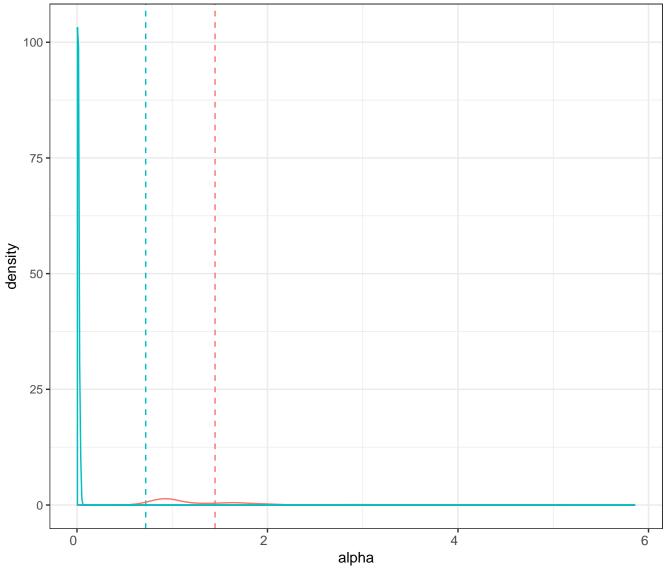




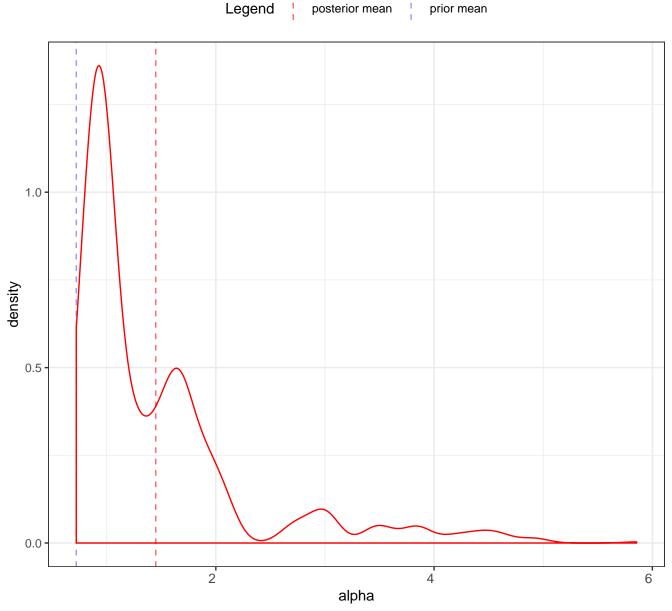


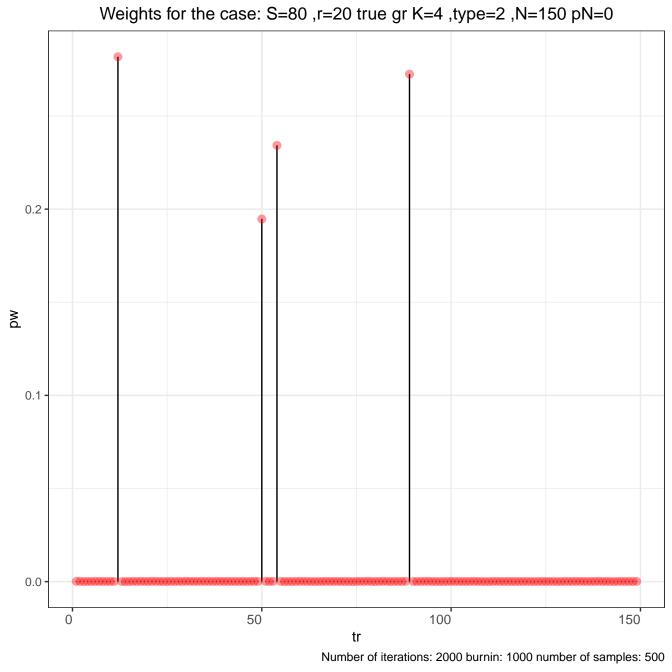
Distribution alpha: S=80 ,r=20 true gr K=4 ,type=2 ,N=150

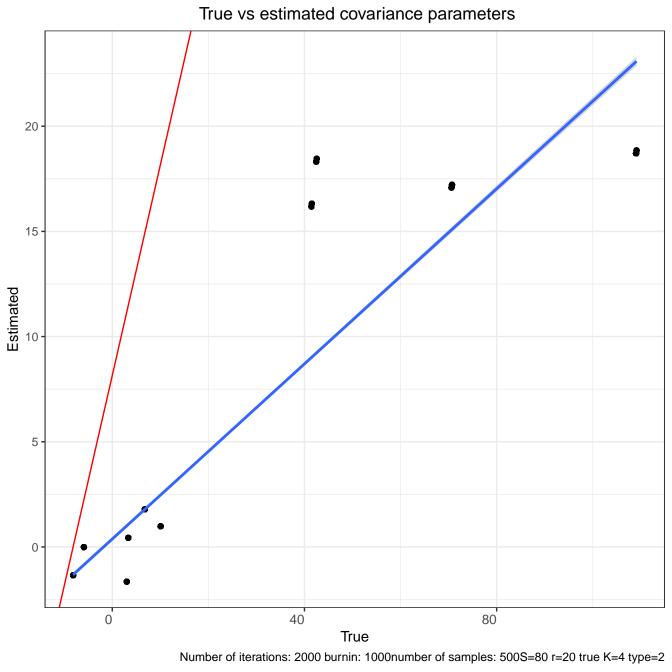


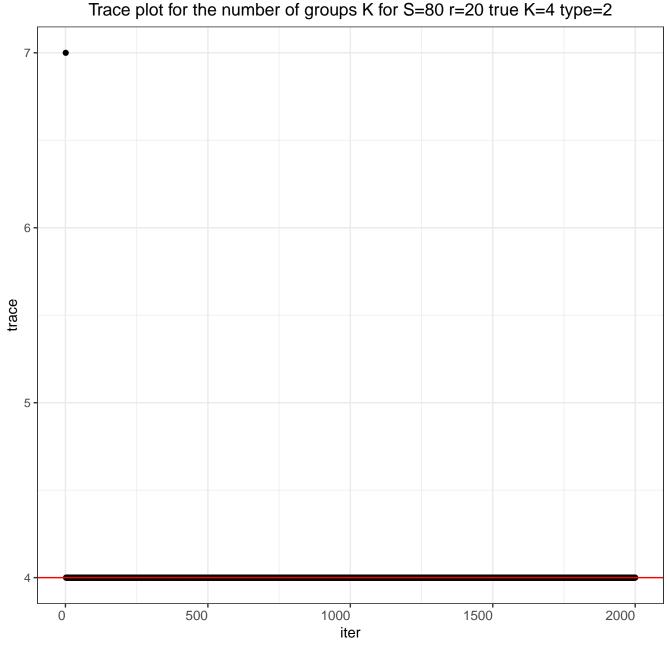


Number of iterations: 2000 burnin: 1000 number of samples: 500



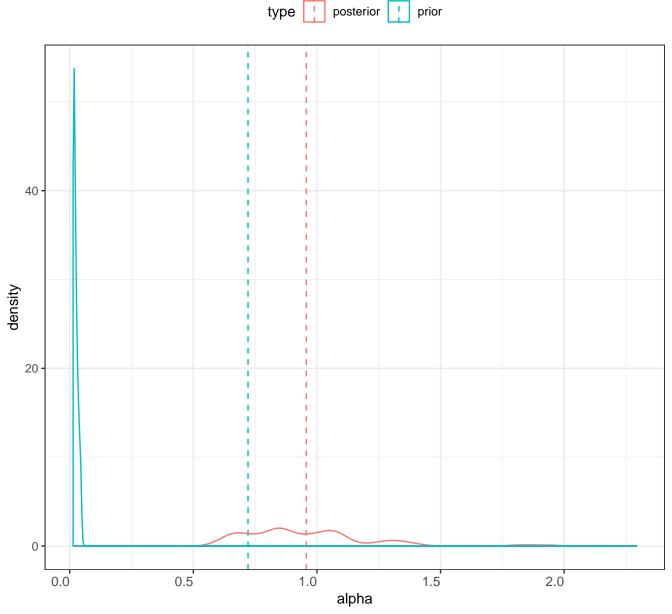




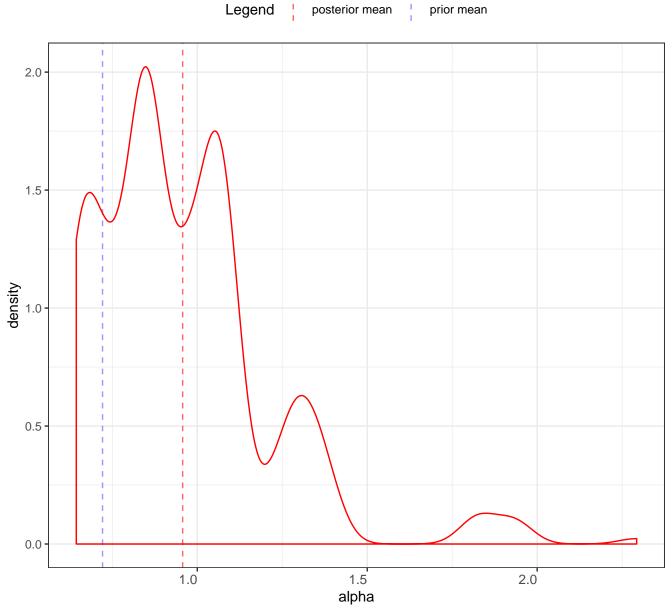


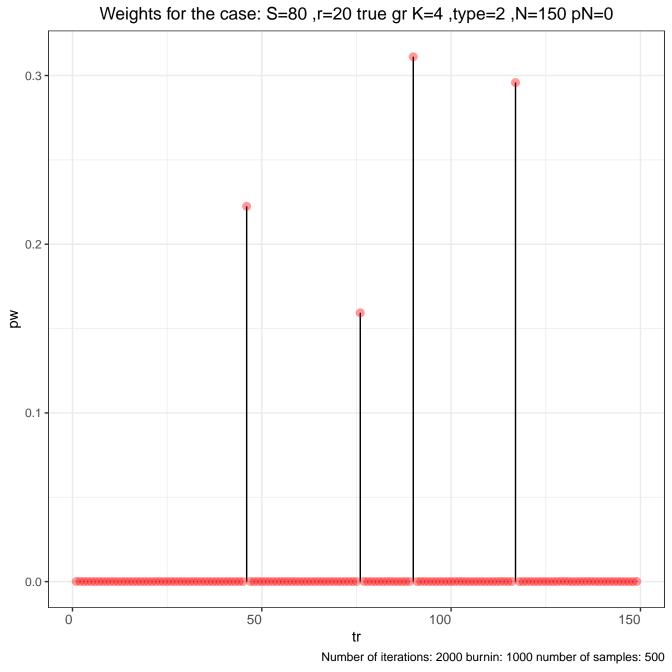
Number of iterations: 2000 burnin: 1000number of samples: 500

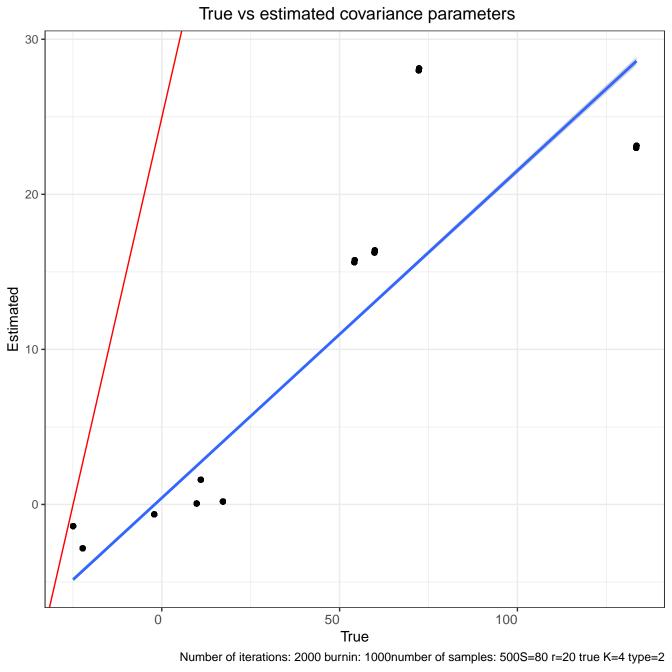
Distribution alpha: S=80 ,r=20 true gr K=4 ,type=2 ,N=150

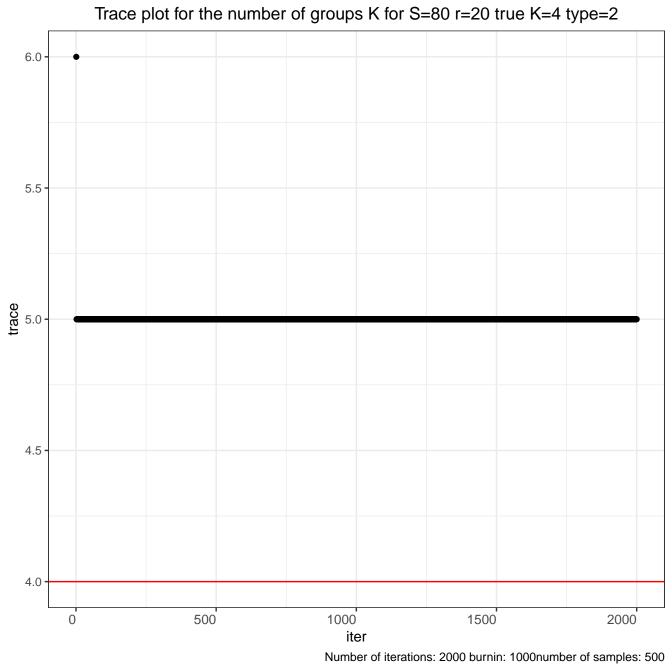


Number of iterations: 2000 burnin: 1000 number of samples: 500

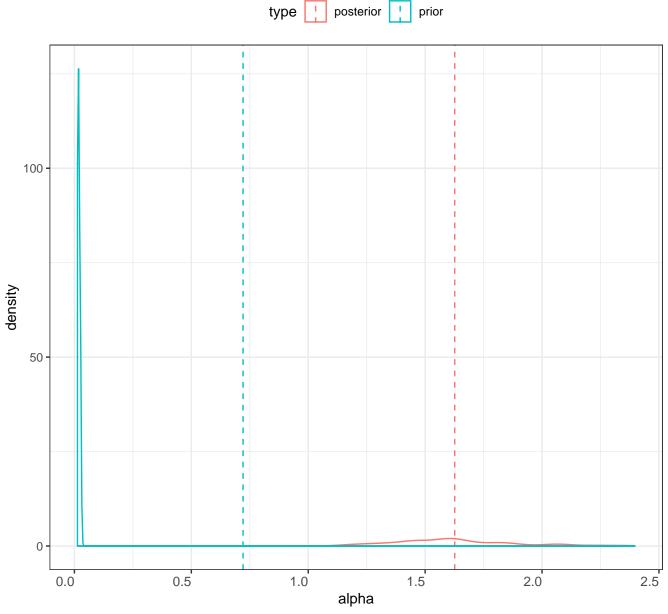








Distribution alpha: S=80 ,r=20 true gr K=4 ,type=2 ,N=150



Number of iterations: 2000 burnin: 1000 number of samples: 500

