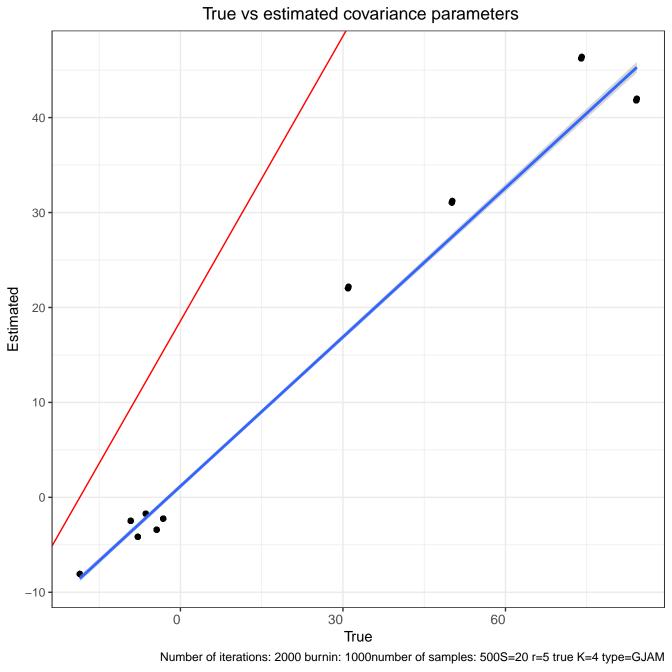
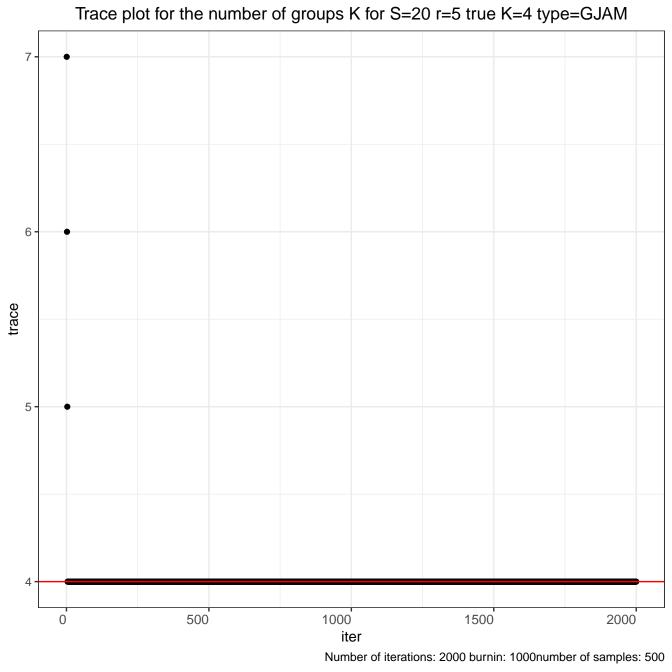
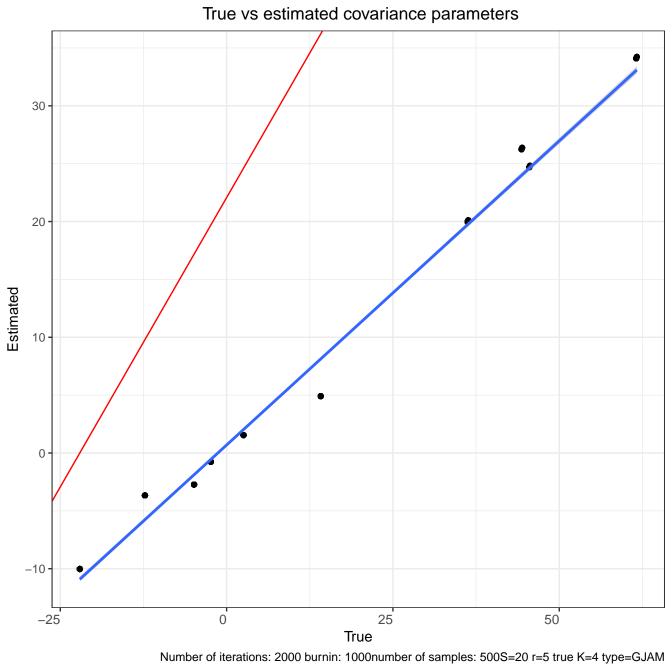


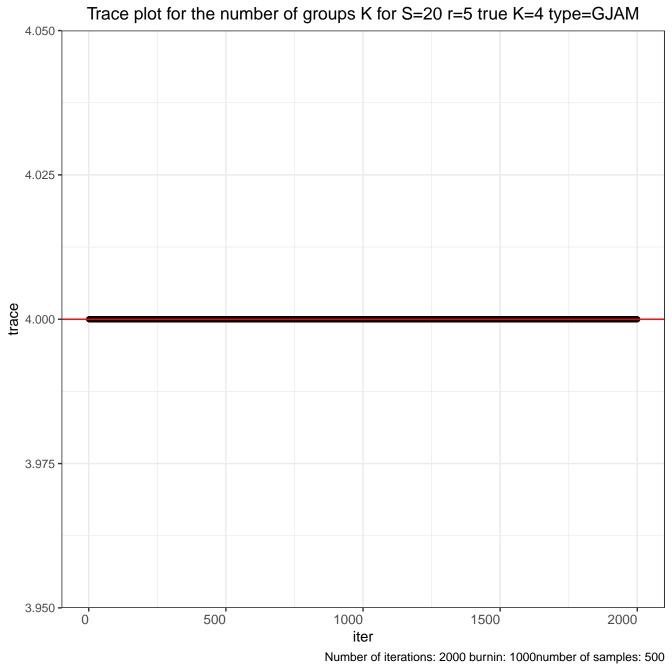
Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=5 true K=4 type=GJAM

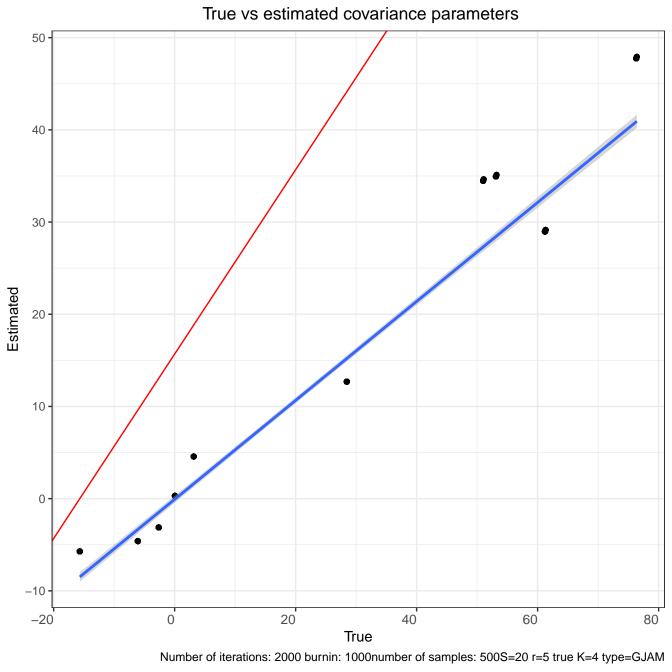
Trace plot for the number of groups K for S=20 r=5 true K=4 type=GJAM 5.00 4.75 trace 4.50 4.25 4.00 1000 2000 500 1500 0 iter

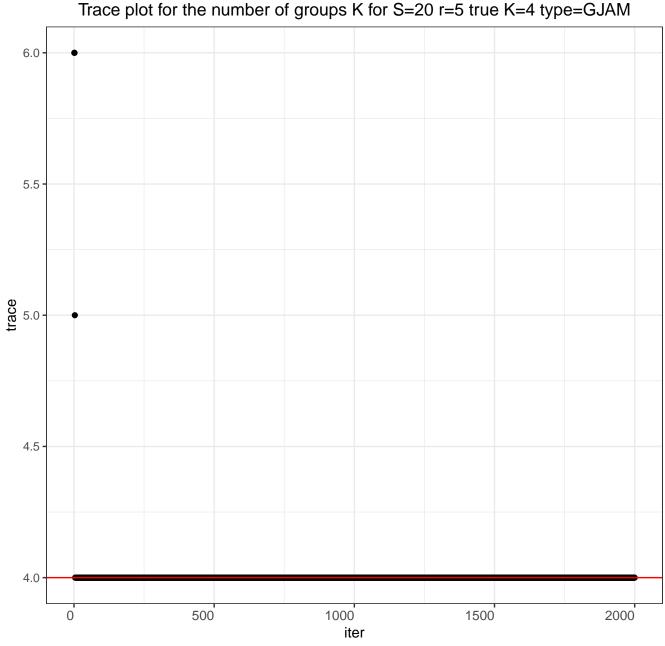


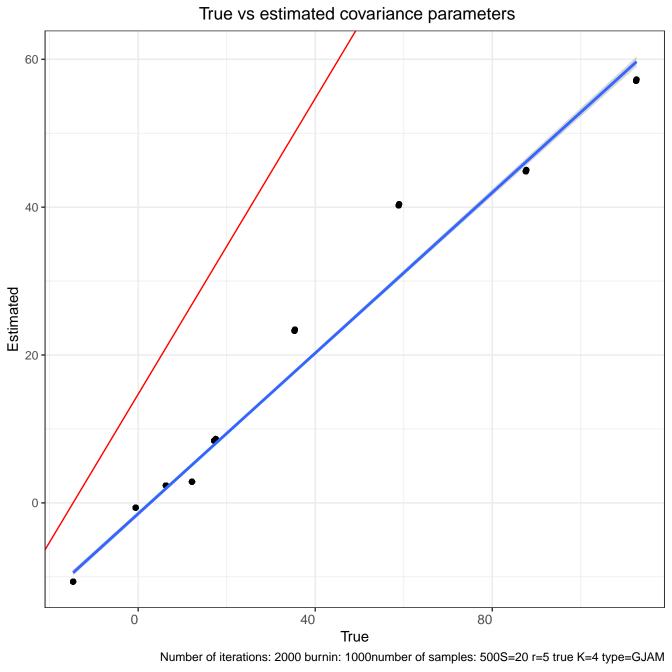




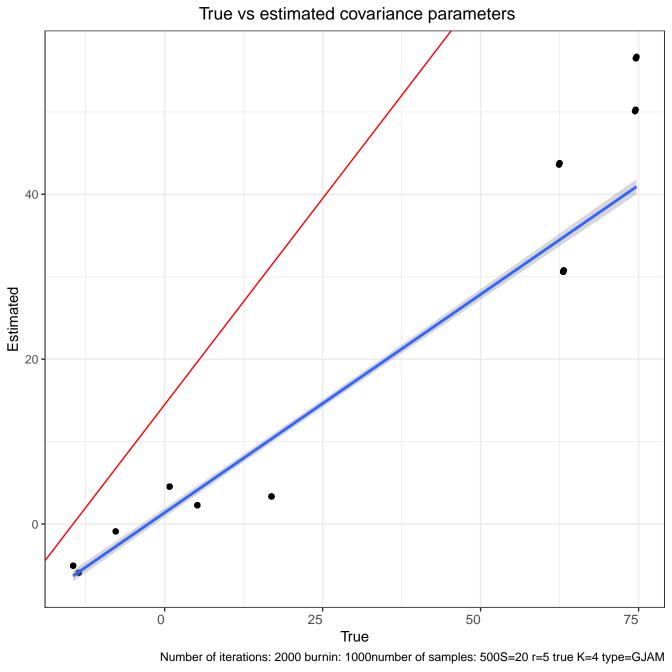


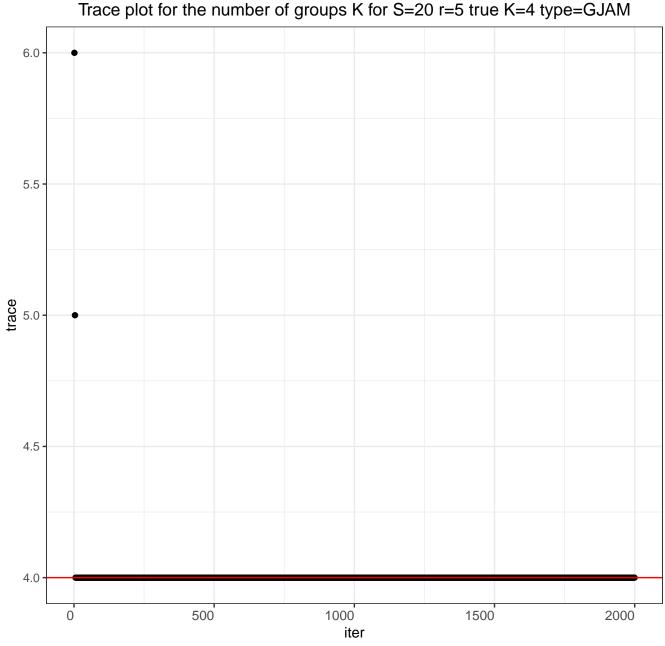


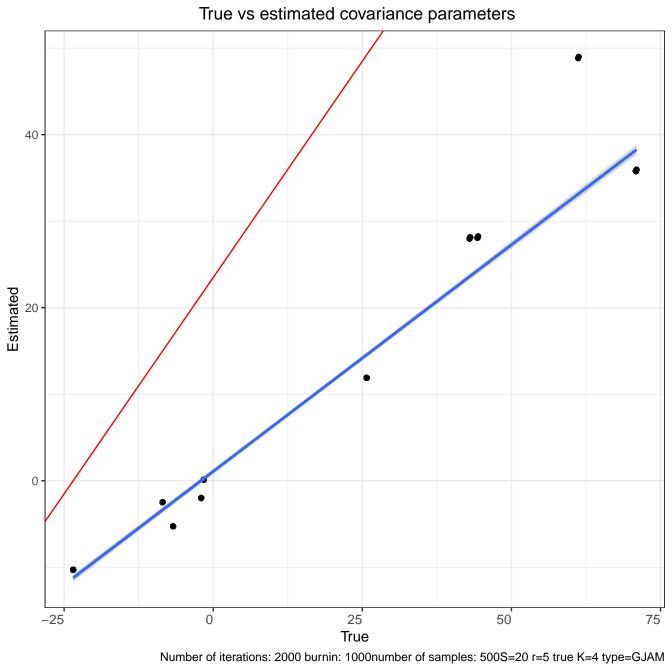


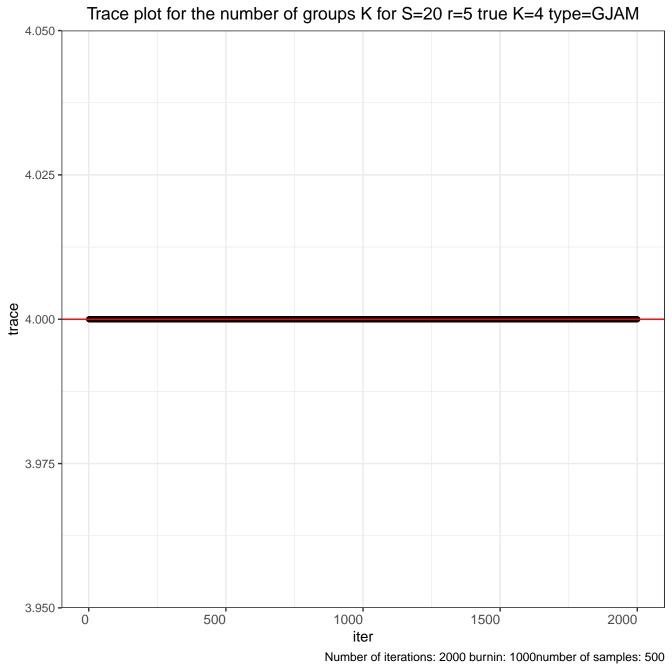


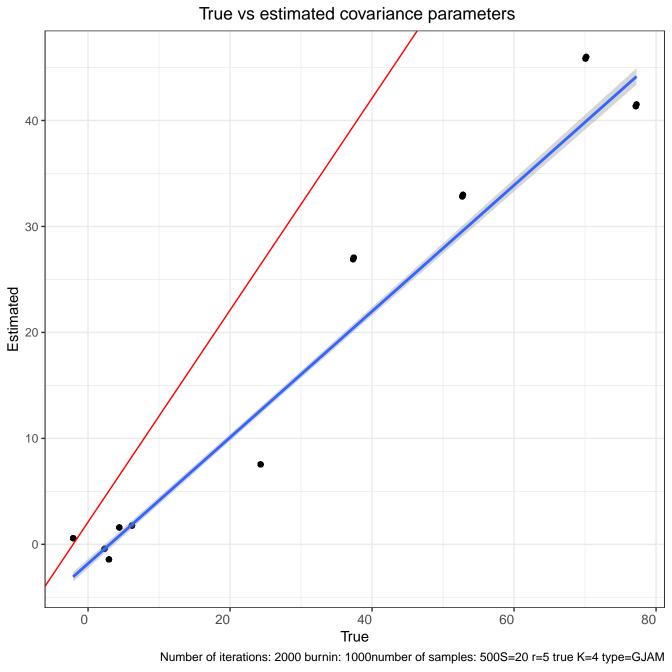
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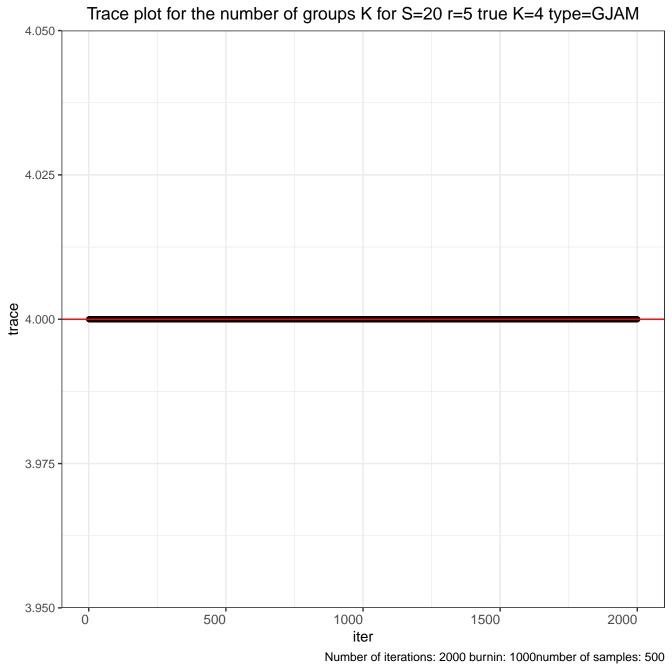


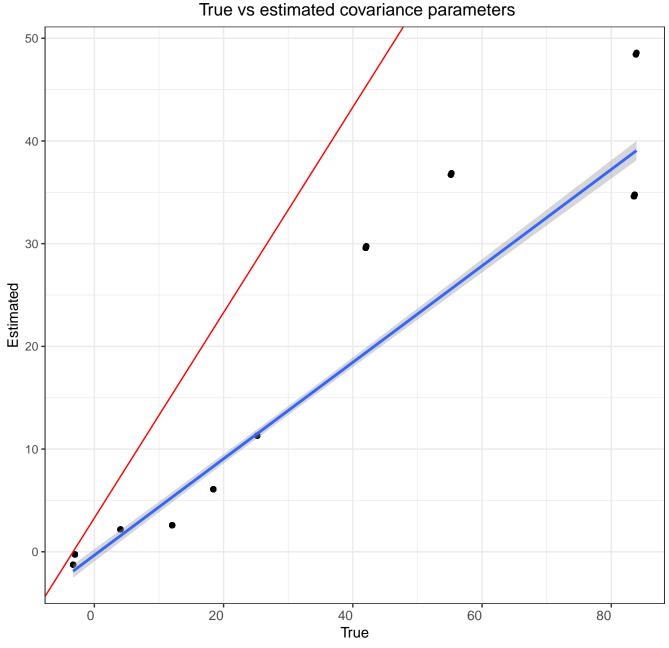




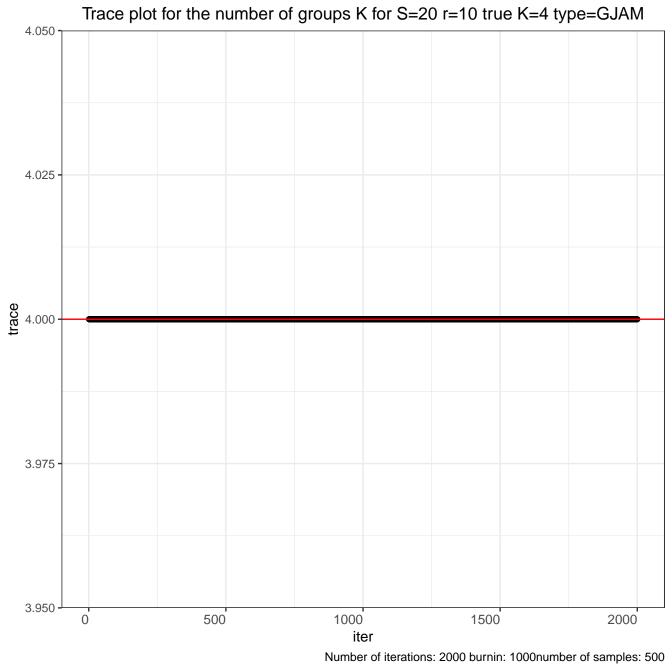


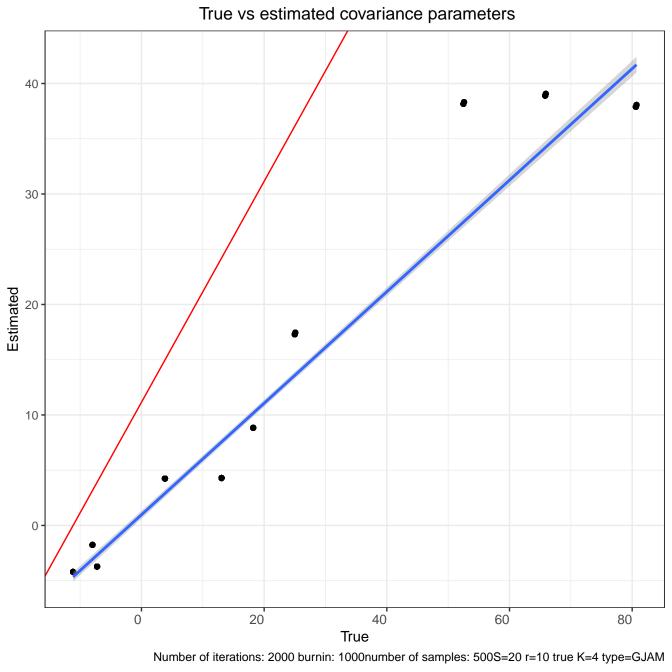


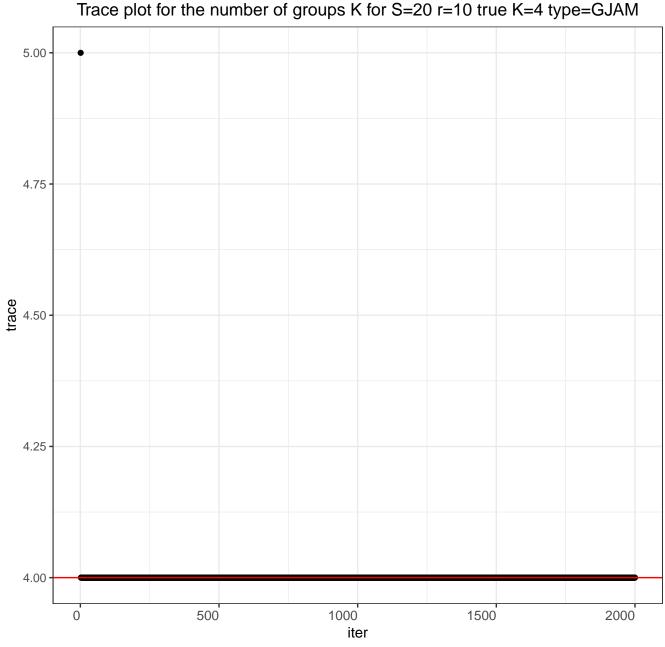


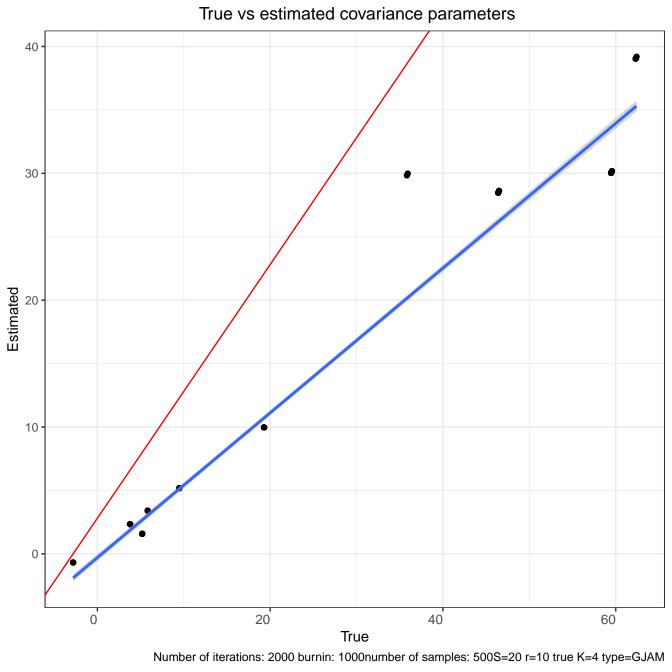


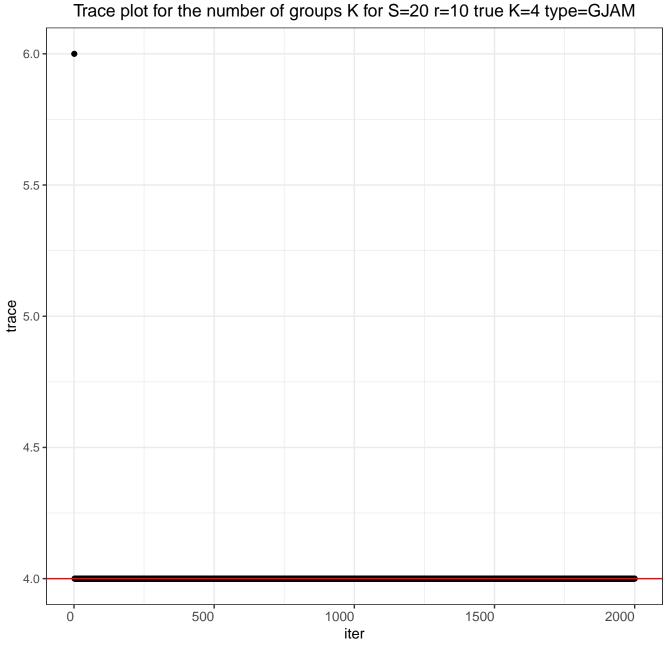
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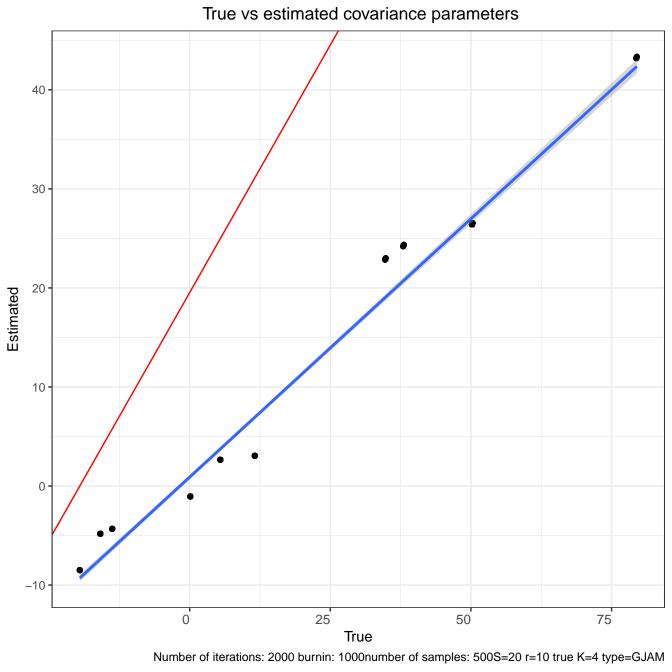


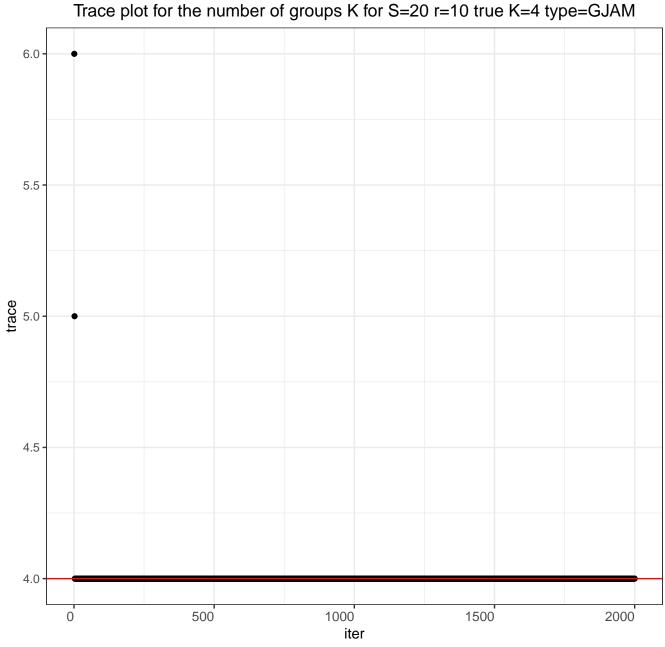


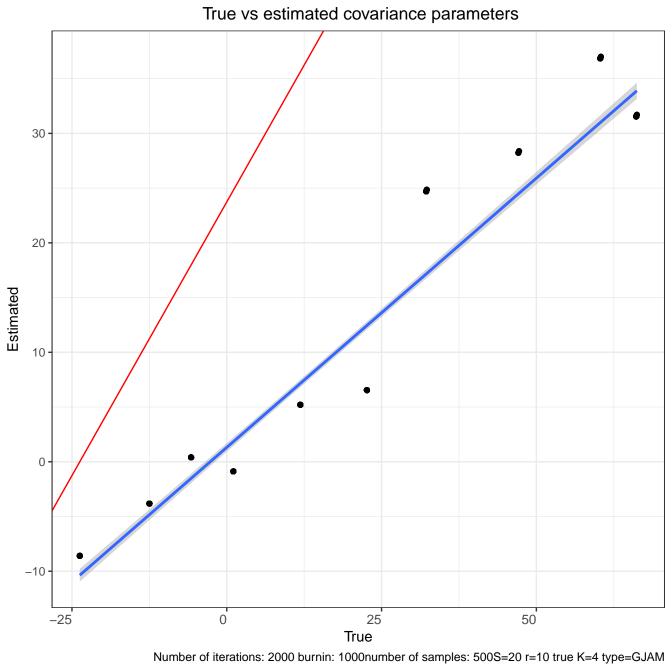


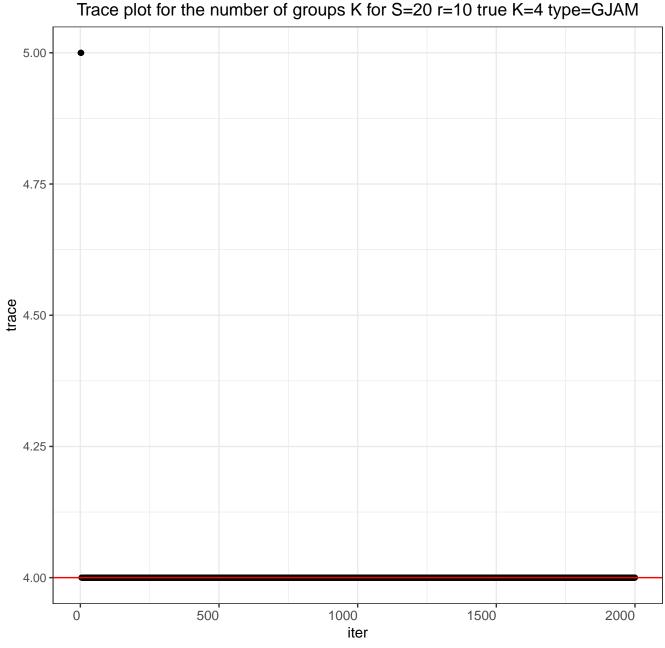


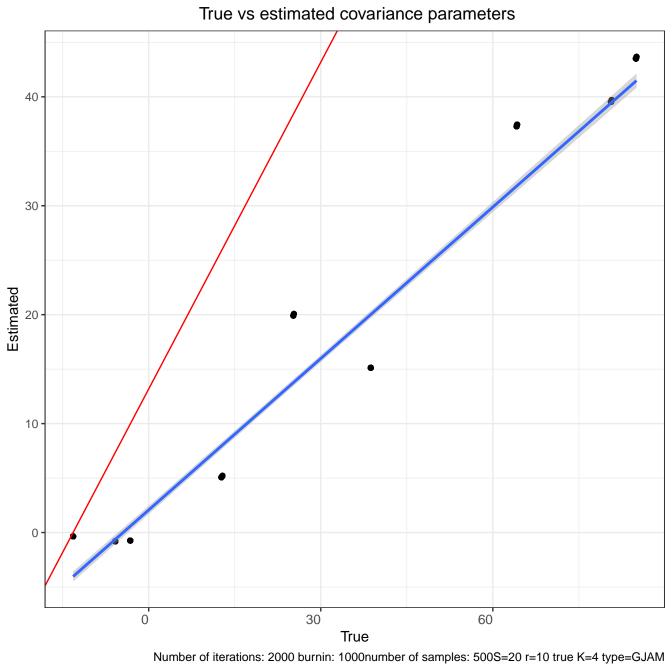


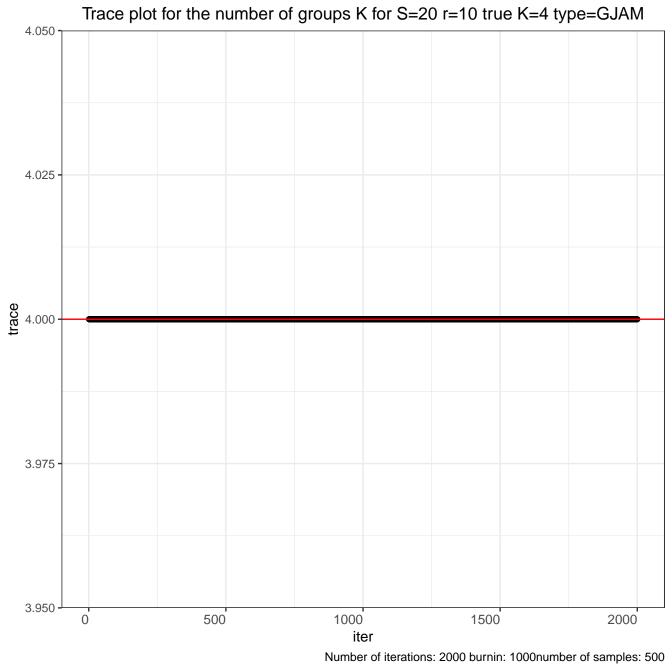


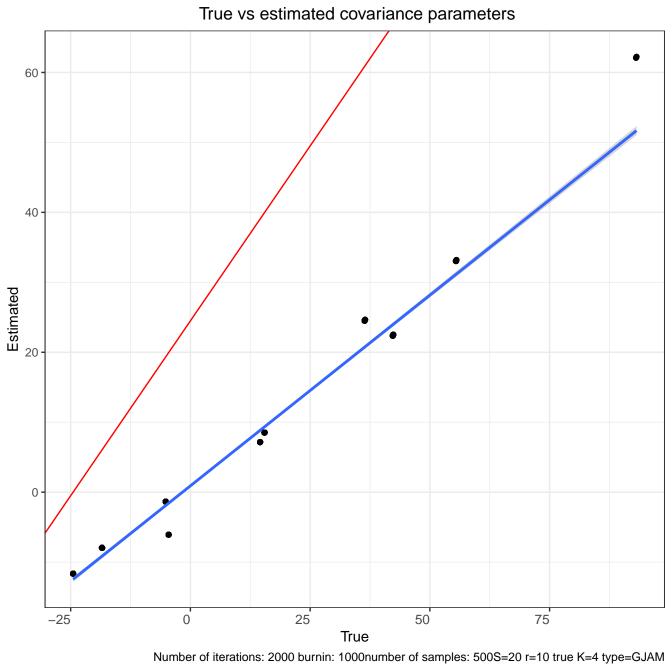


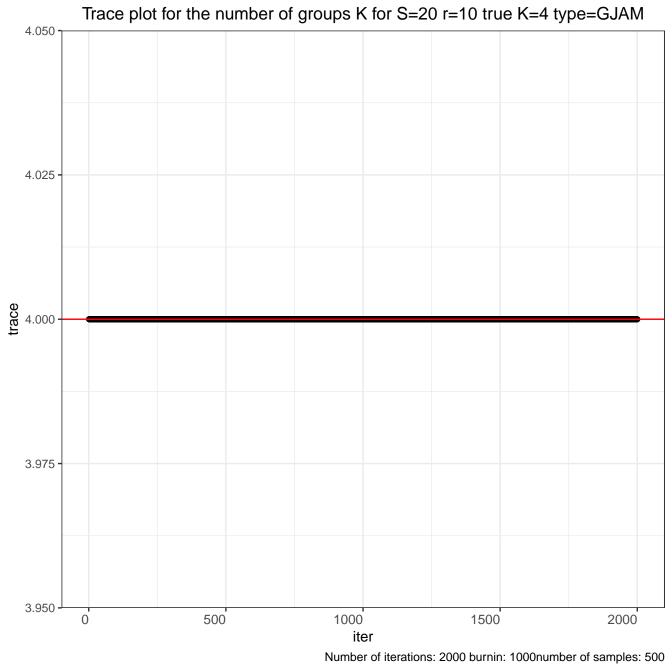


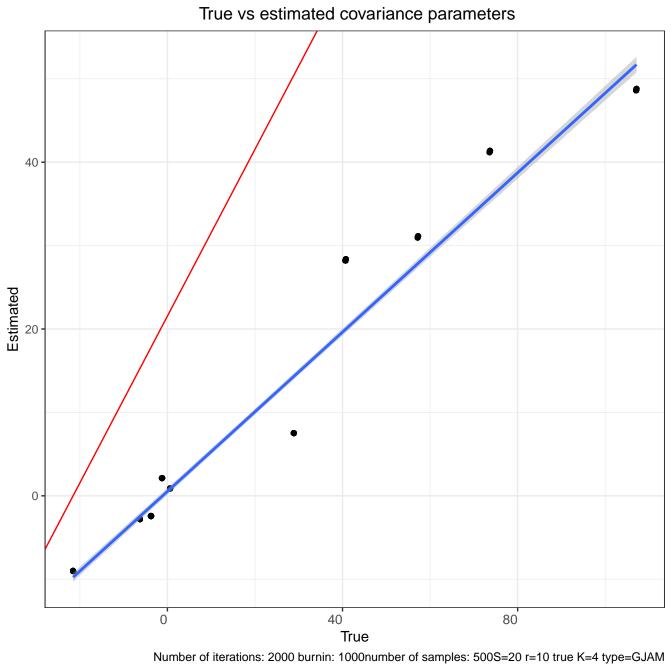


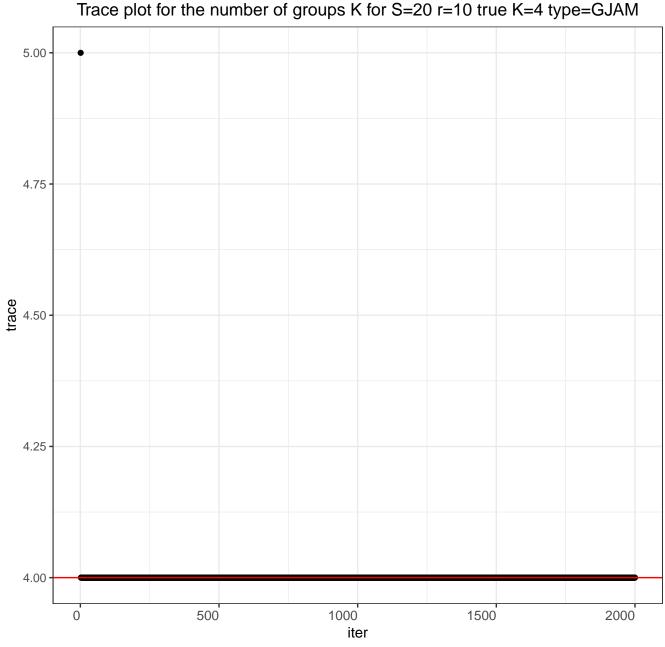


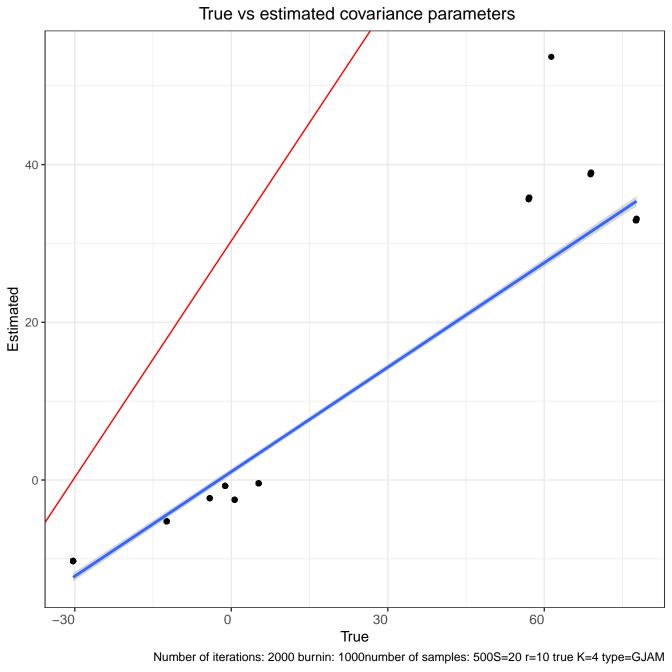


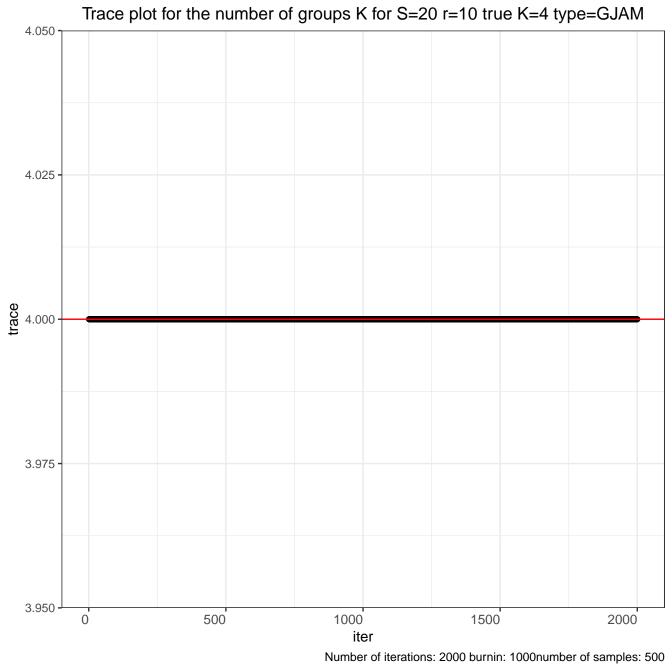


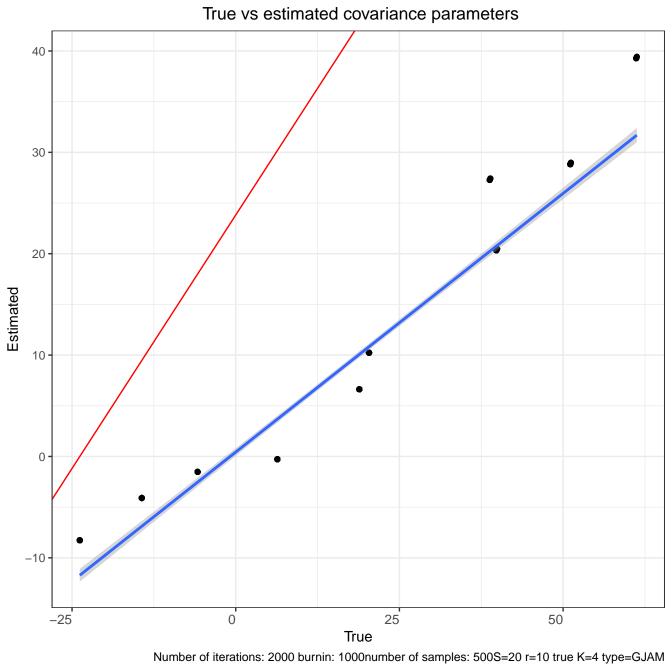


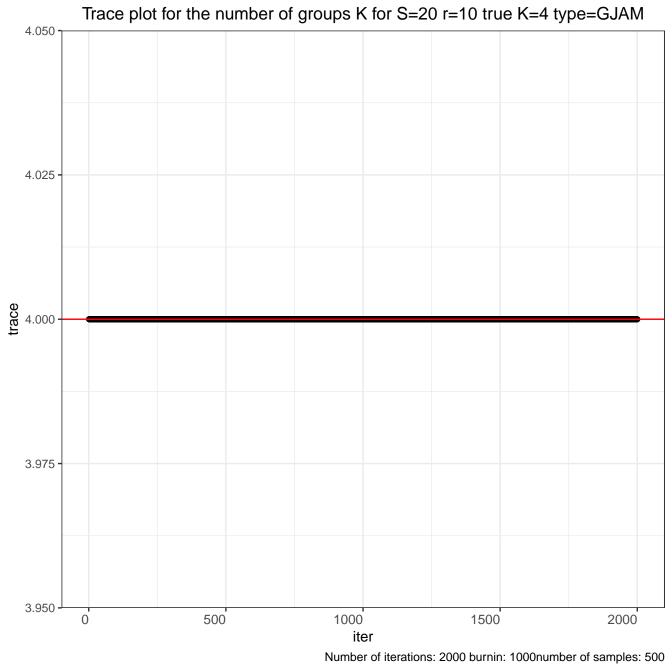


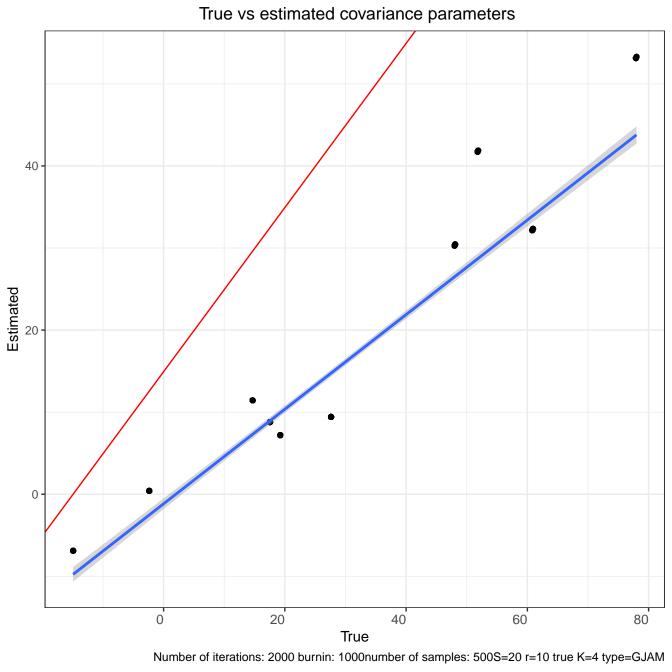


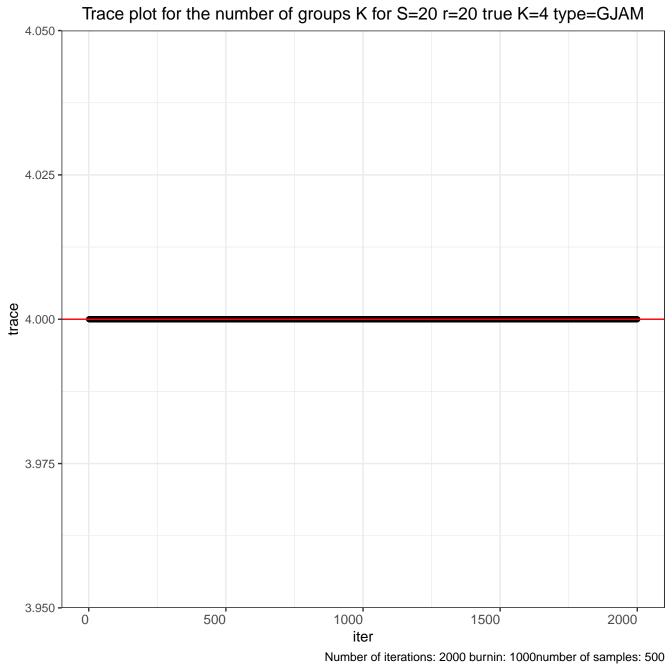


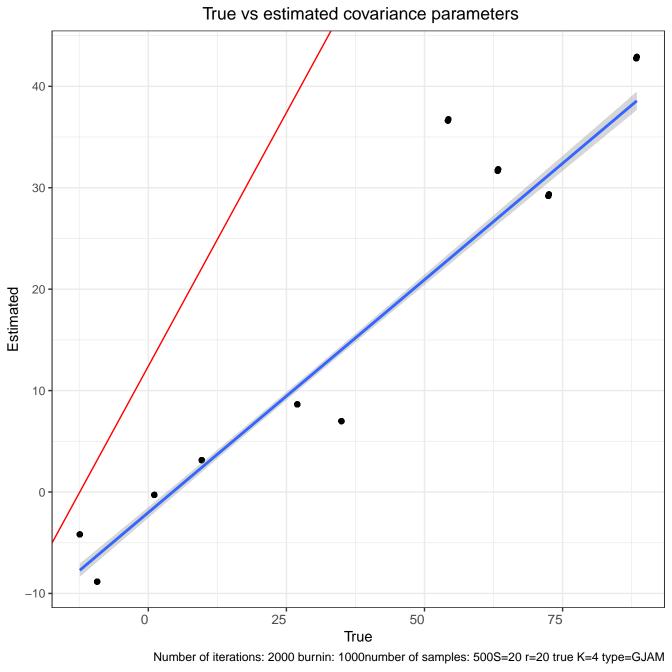


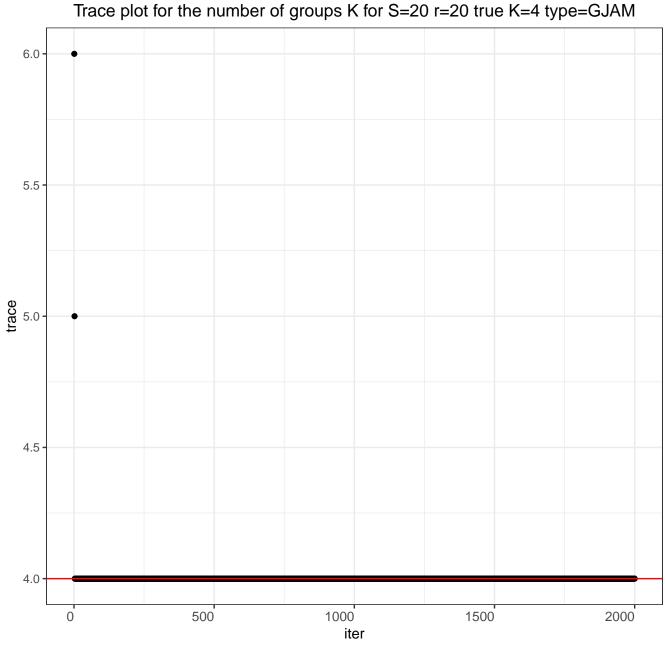


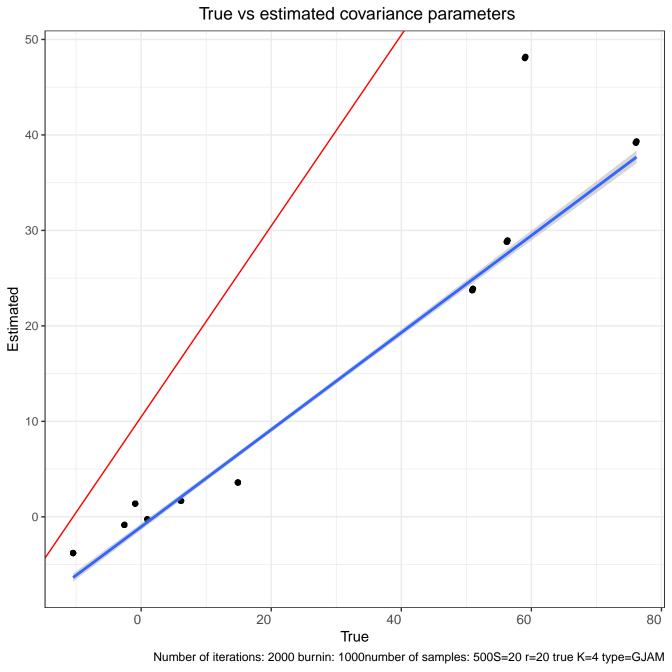


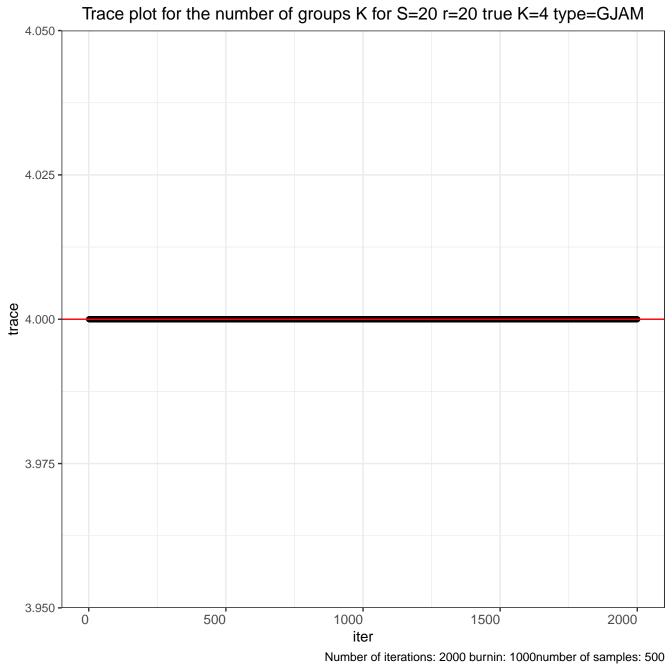


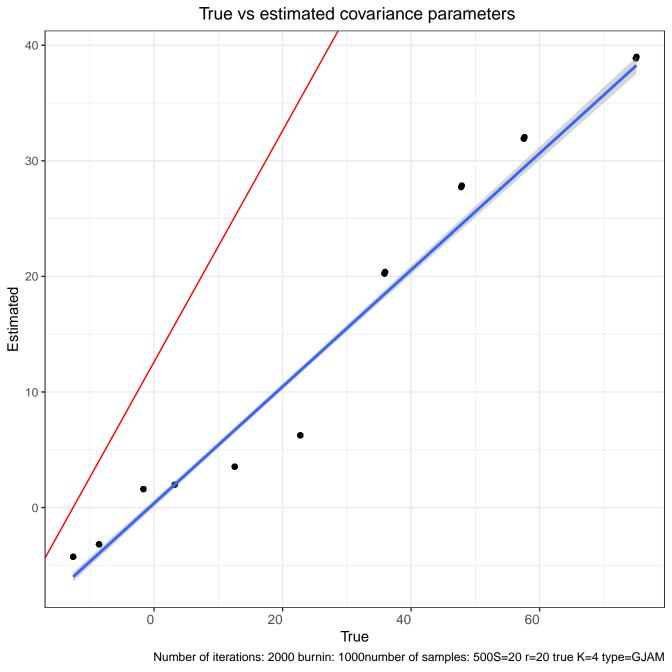


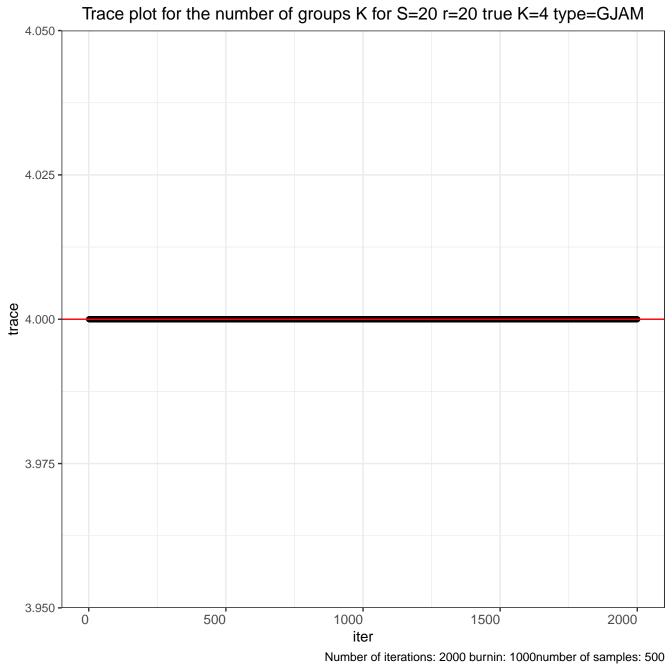


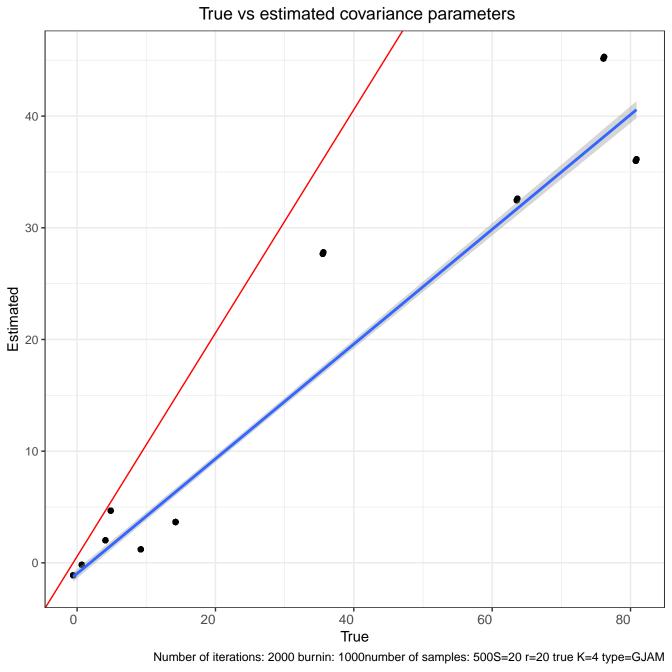


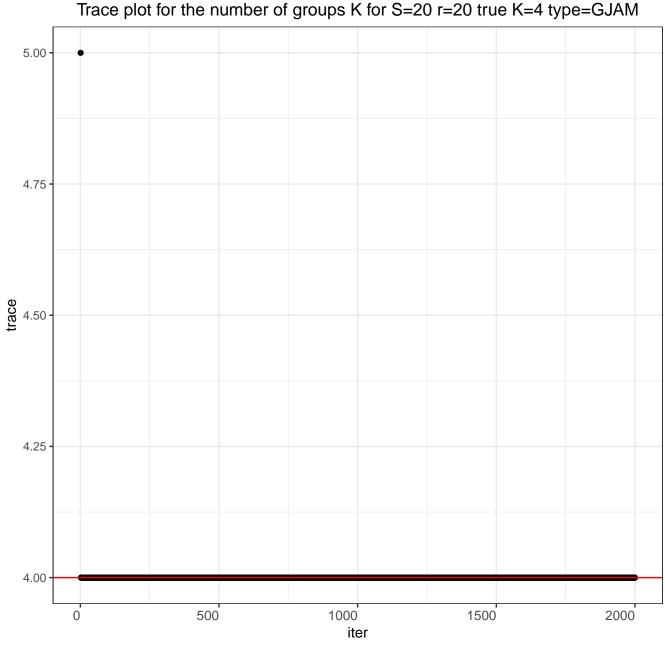


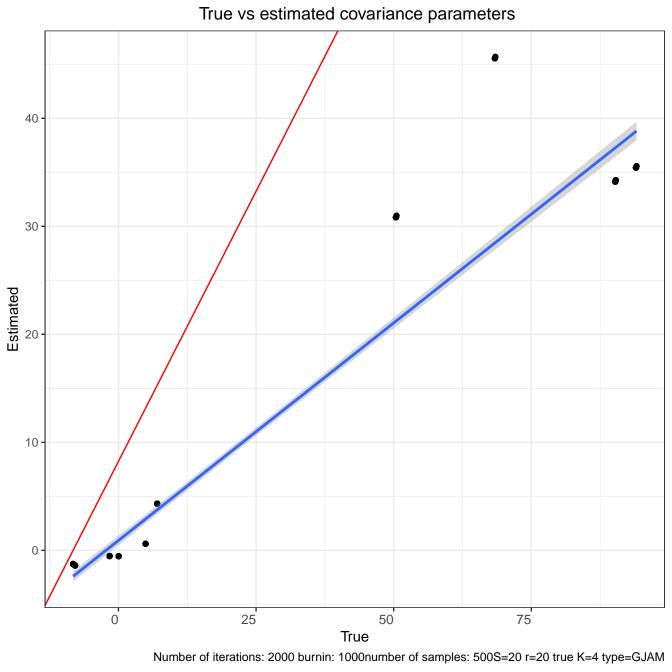


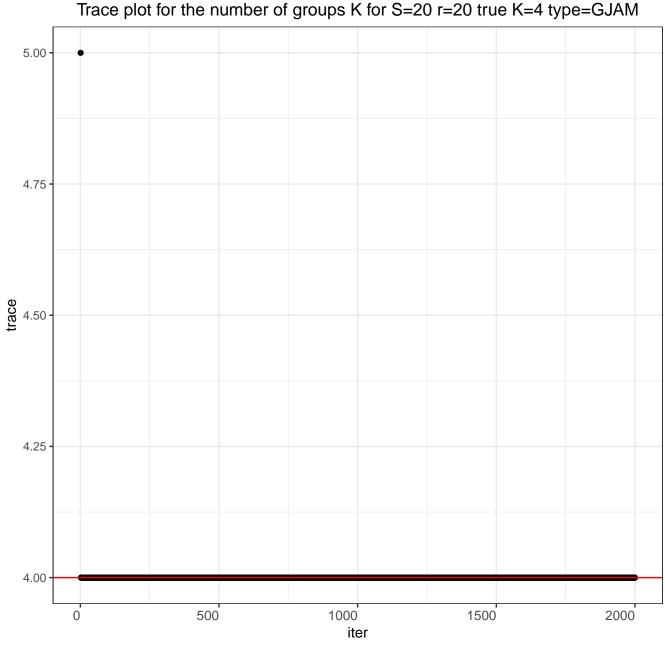


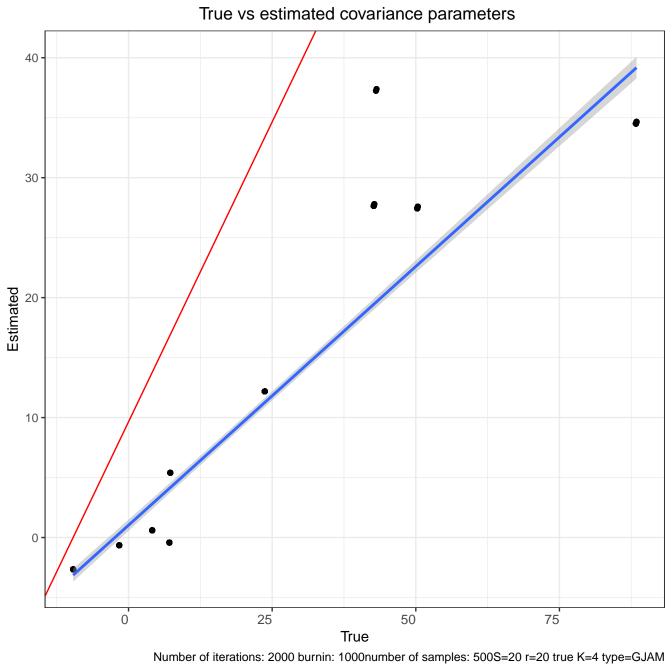


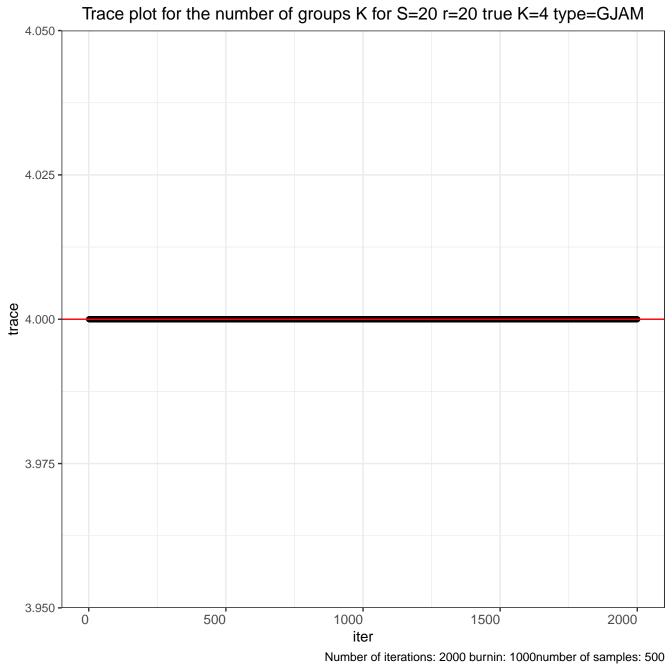


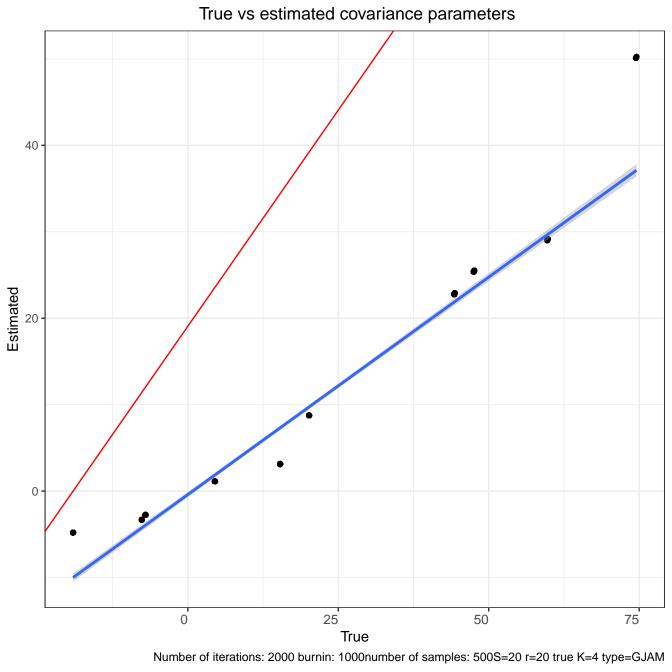


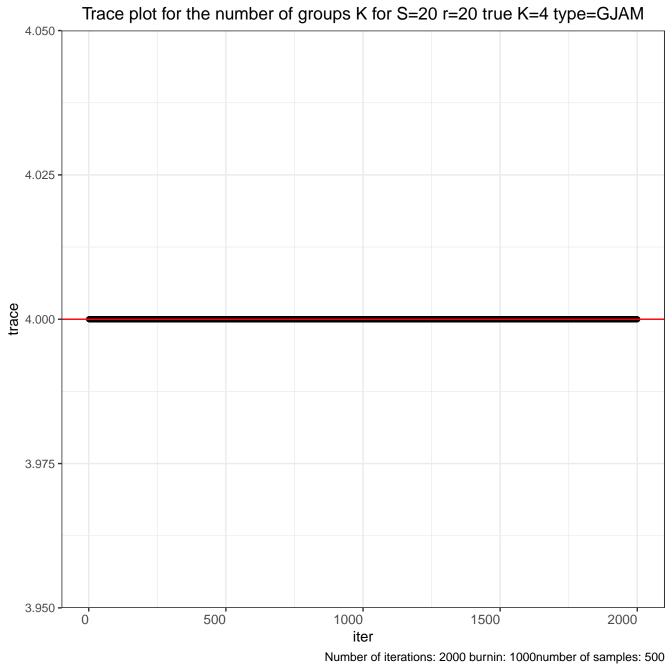


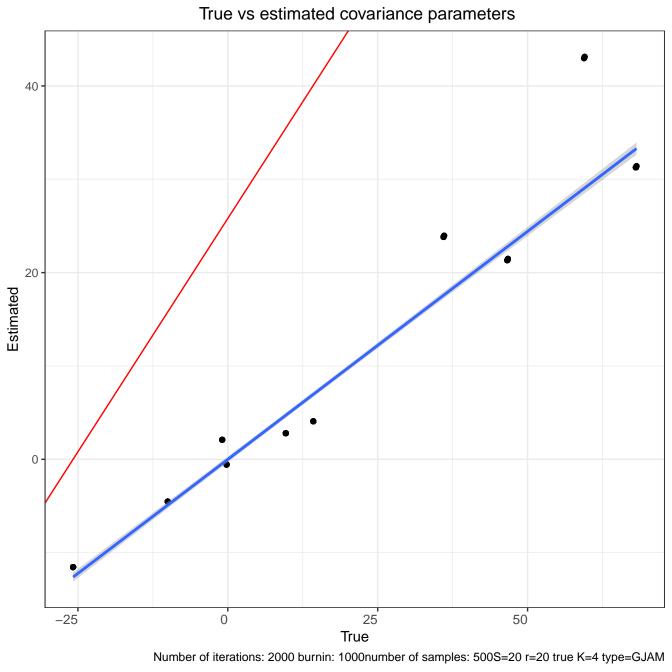


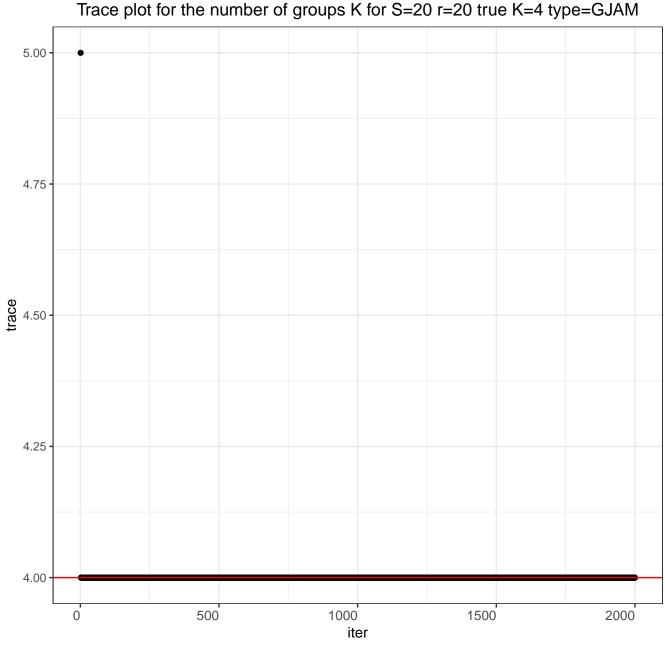


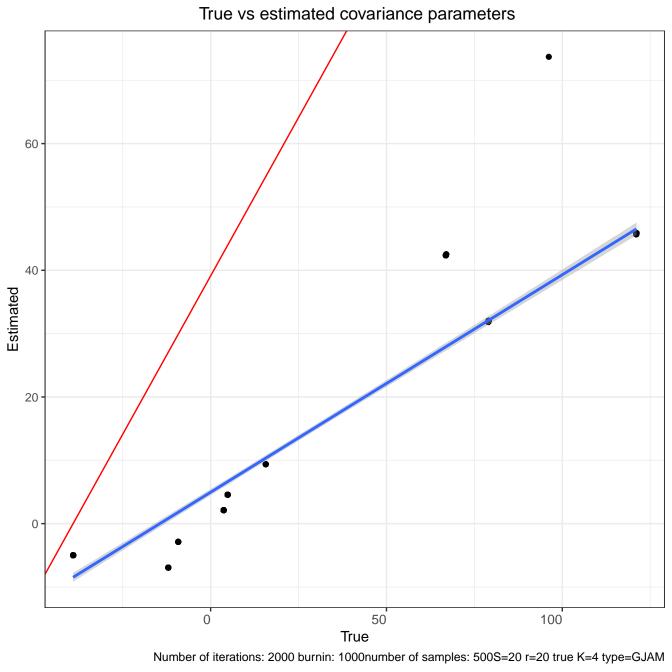


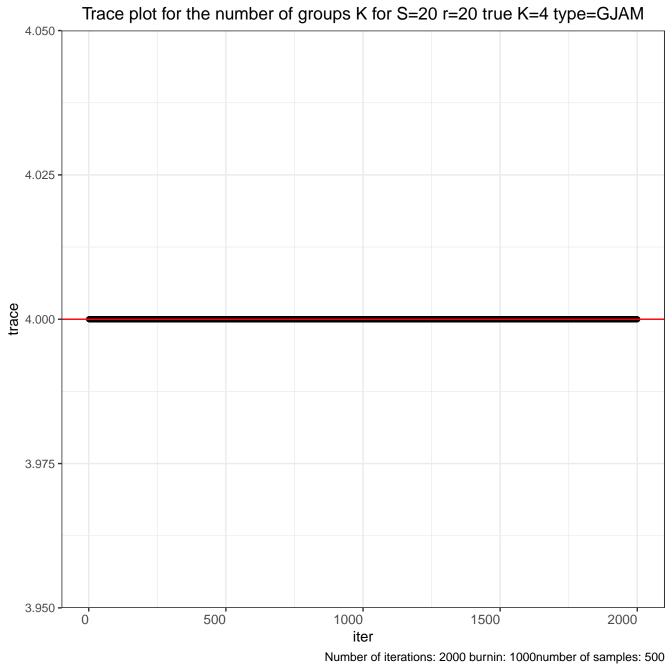


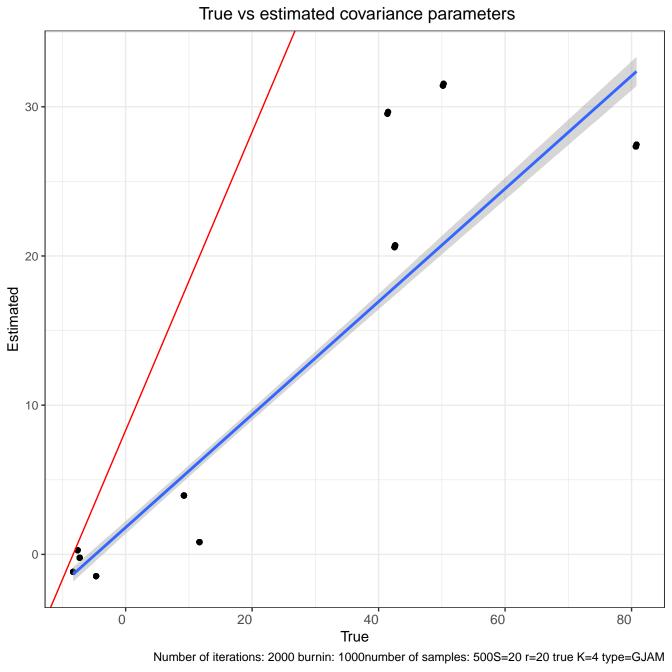




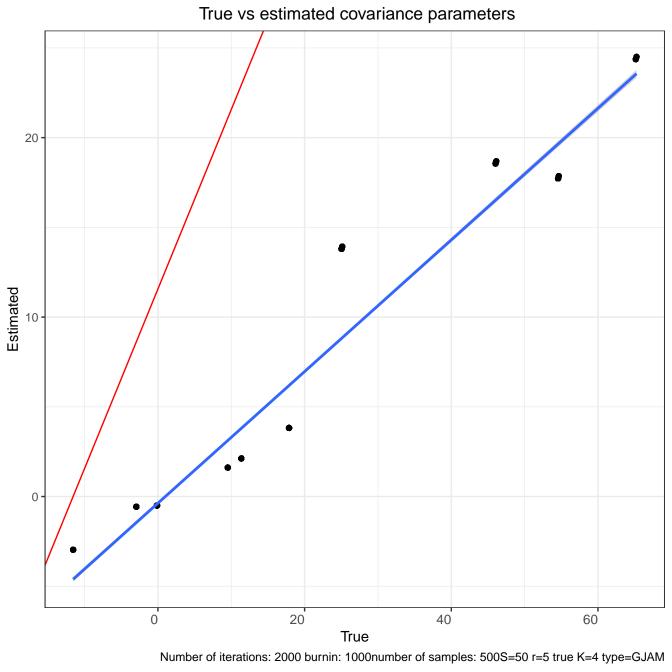




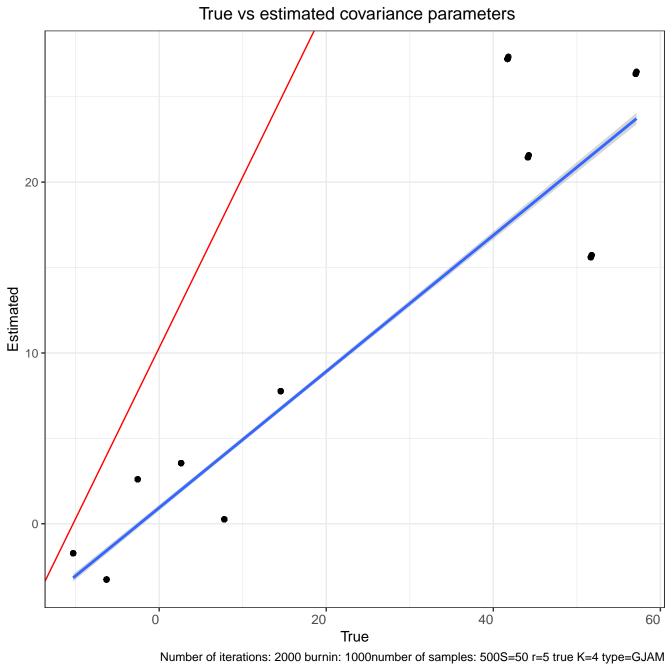




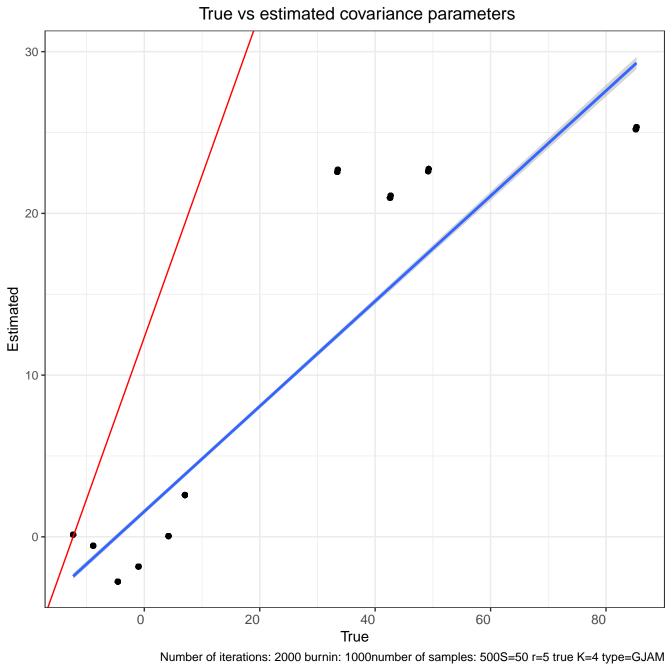
Trace plot for the number of groups K for S=50 r=5 true K=4 type=GJAM 12 10 -6 -1000 2000 1500 500 iter

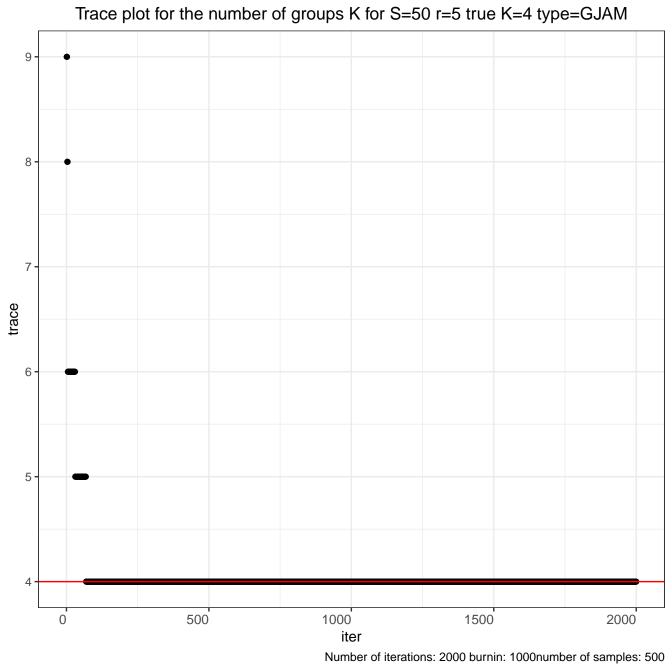


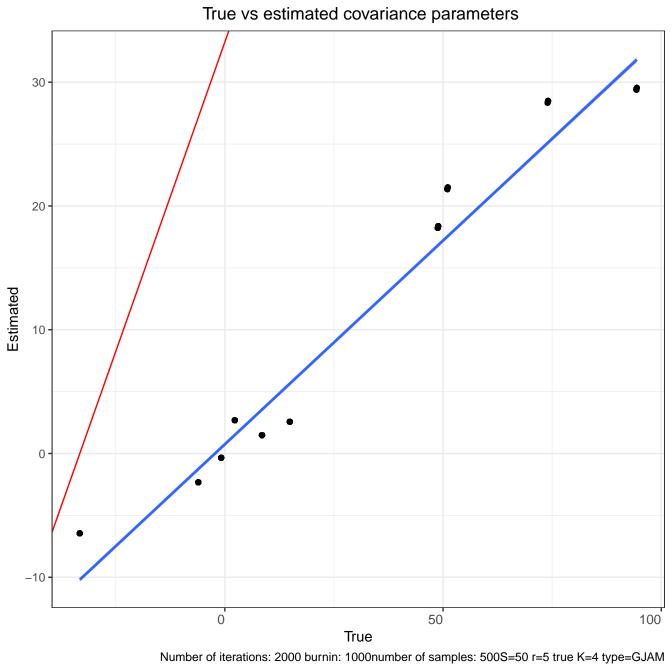
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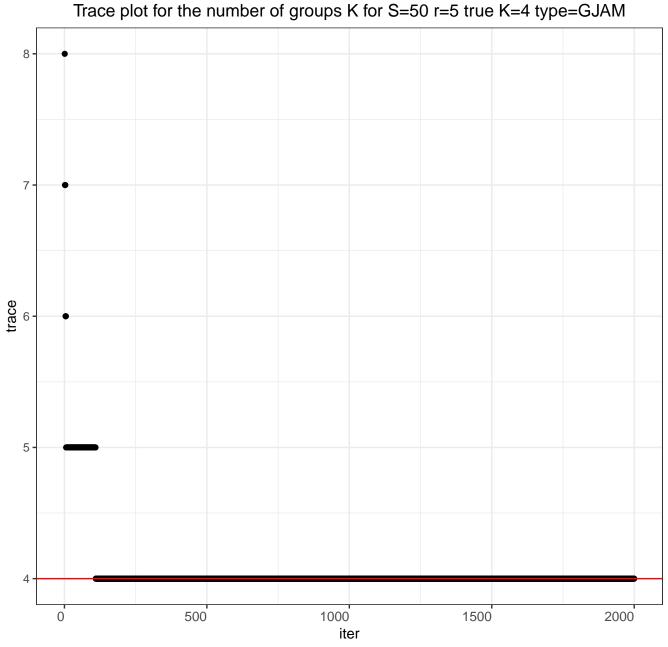


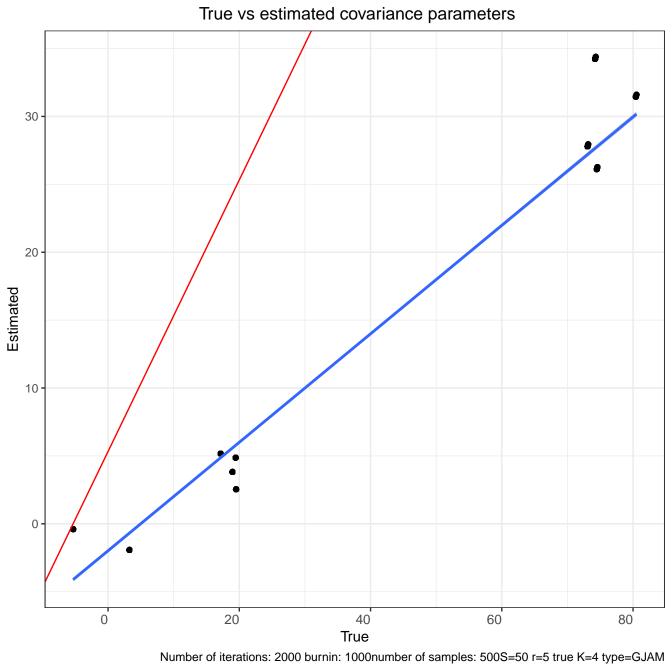
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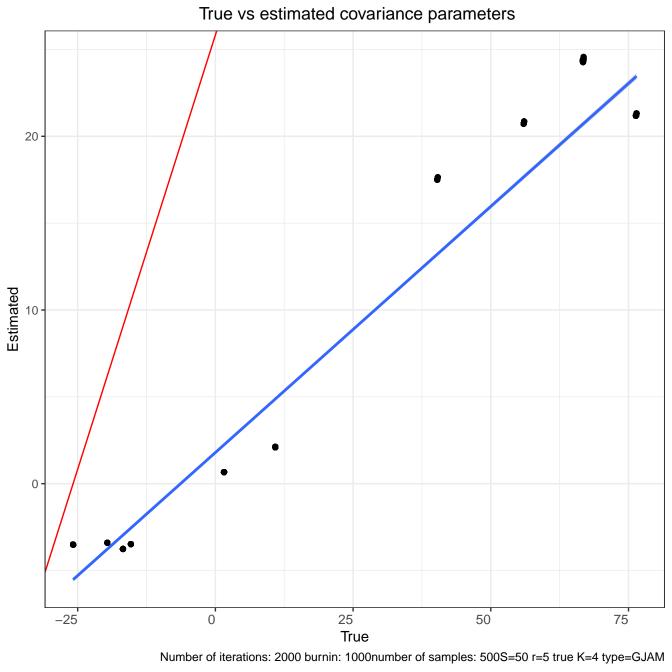


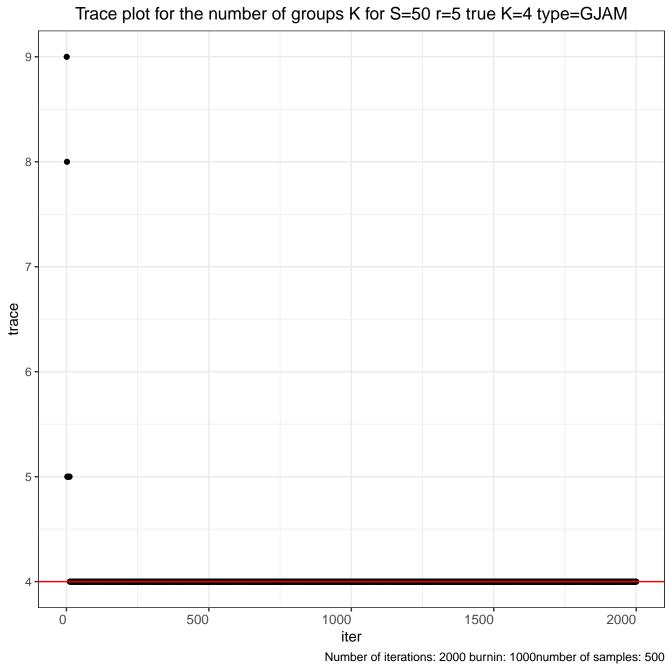


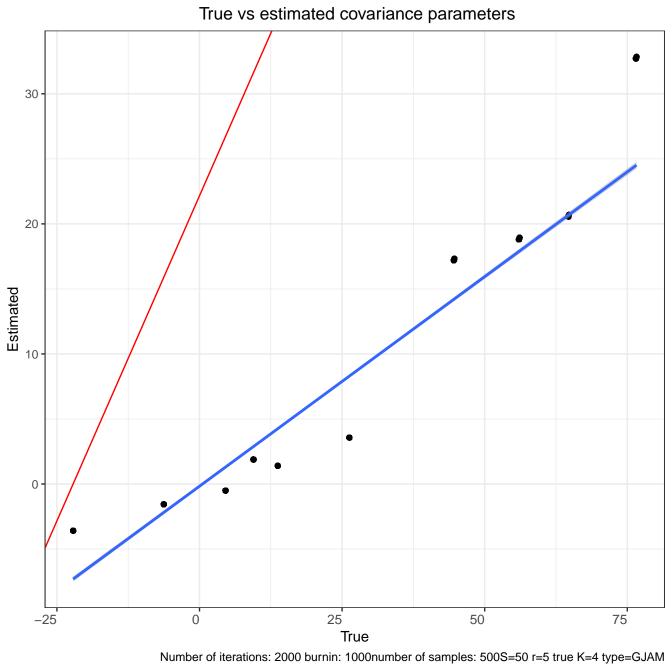


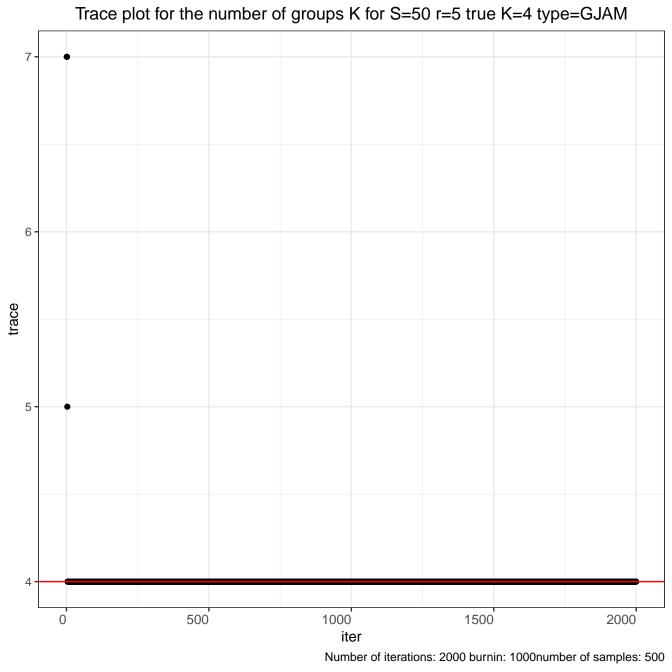


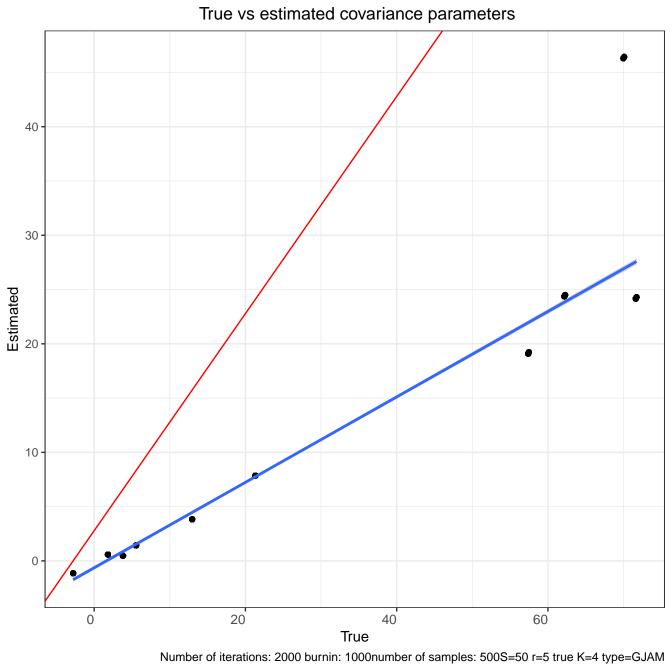
Trace plot for the number of groups K for S=50 r=5 true K=4 type=GJAM 12 -10 trace 6 -1000 2000 1500 500 iter



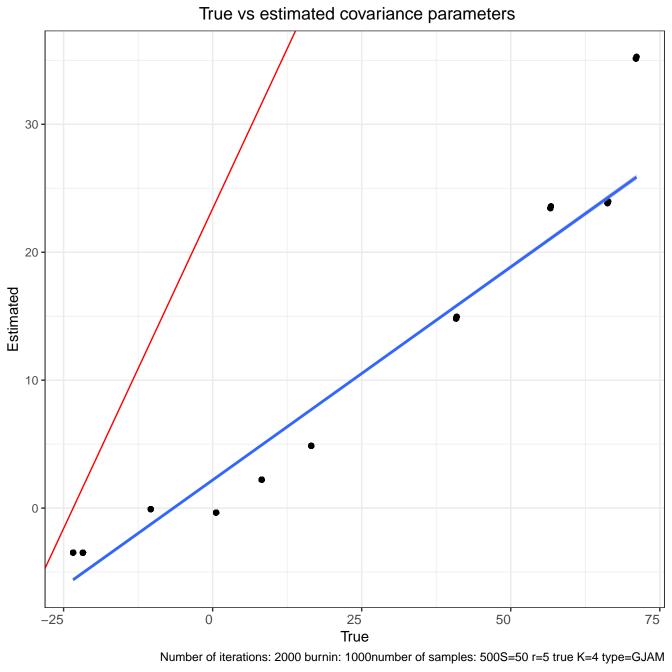




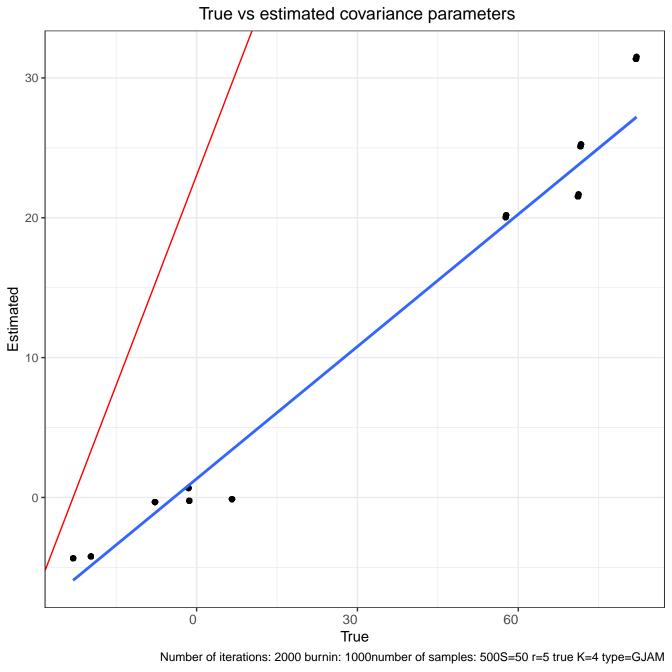




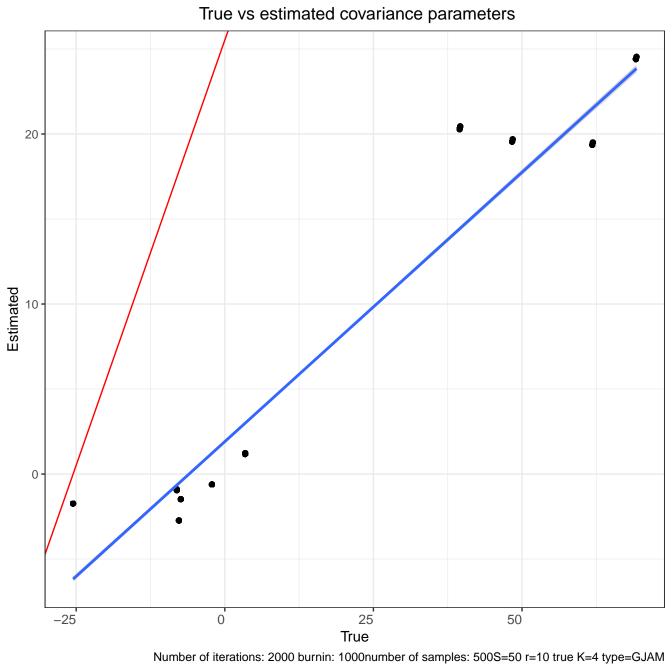
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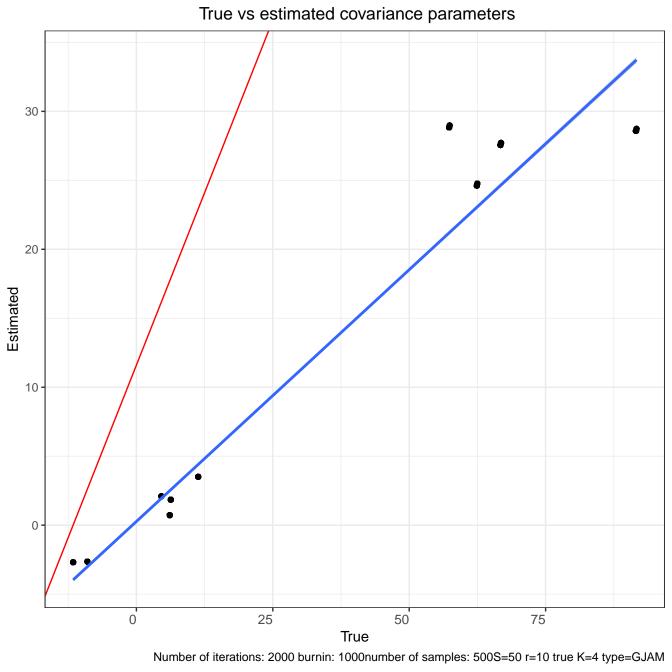
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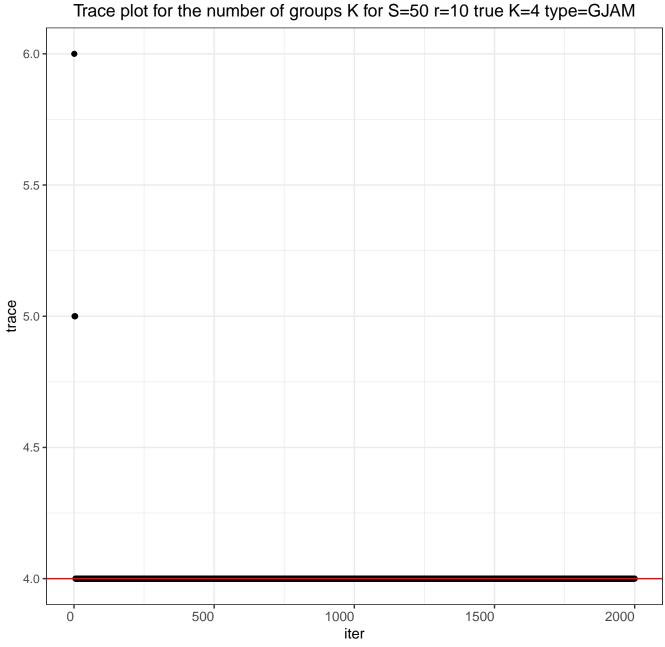


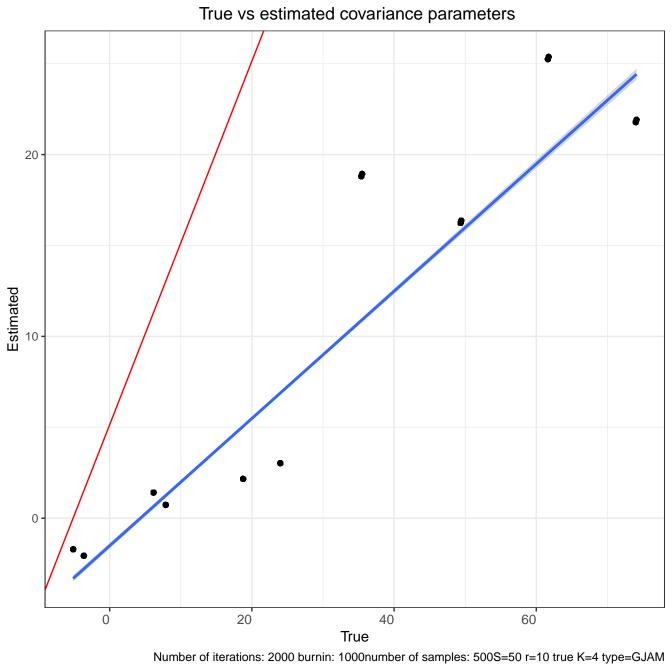
Trace plot for the number of groups K for S=50 r=10 true K=4 type=GJAM 10 8 trace 6 -2000 1000 1500 500 iter Number of iterations: 2000 burnin: 1000number of samples: 500

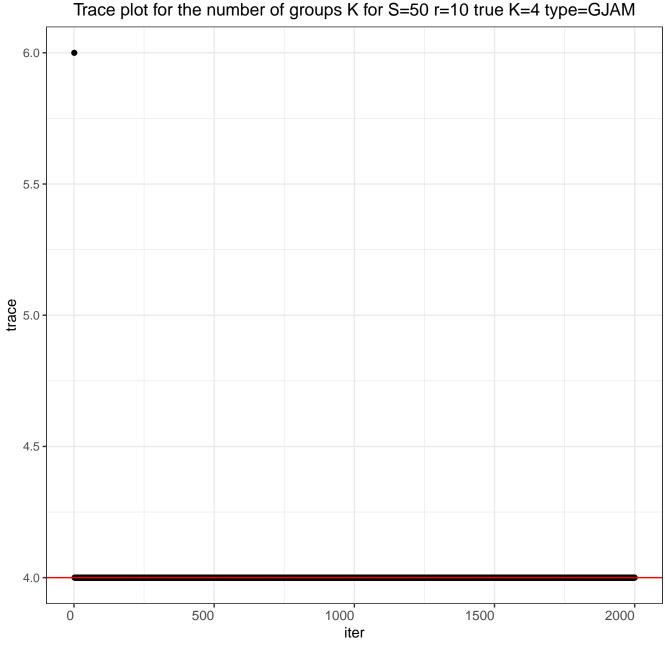


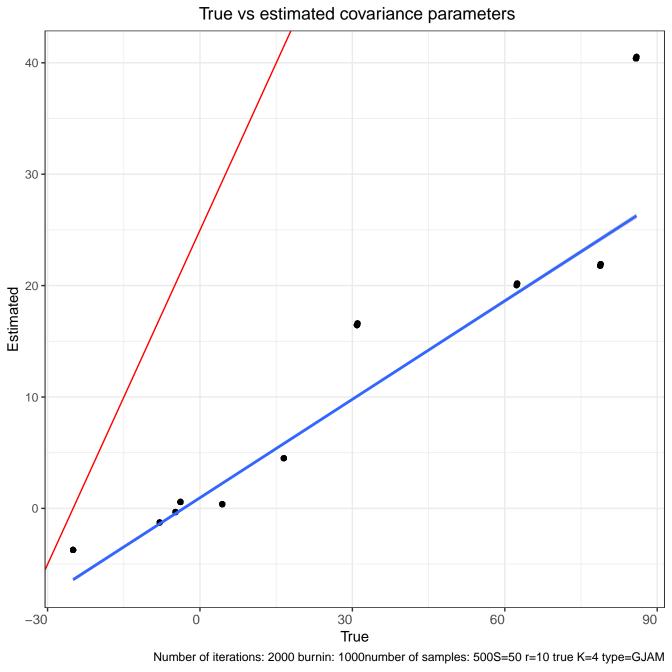
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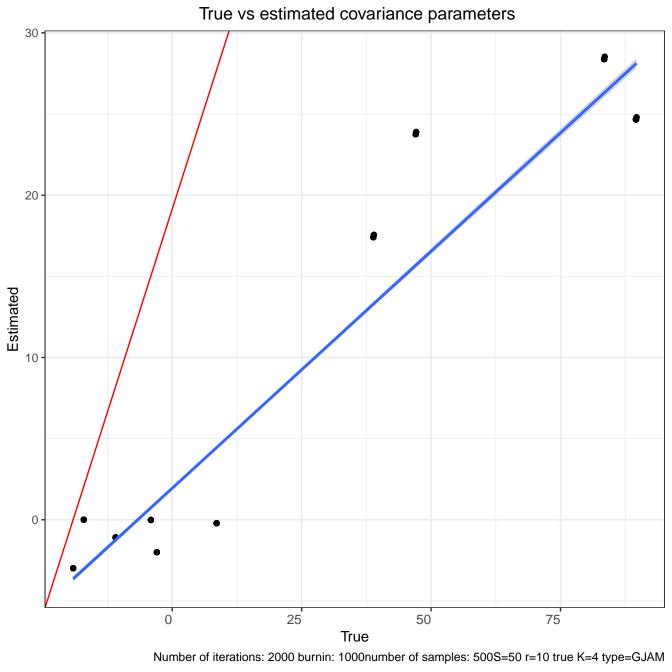


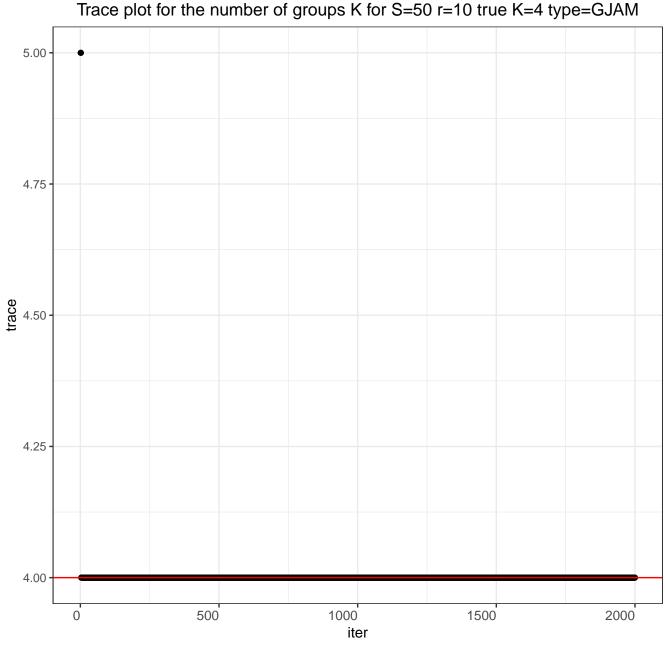


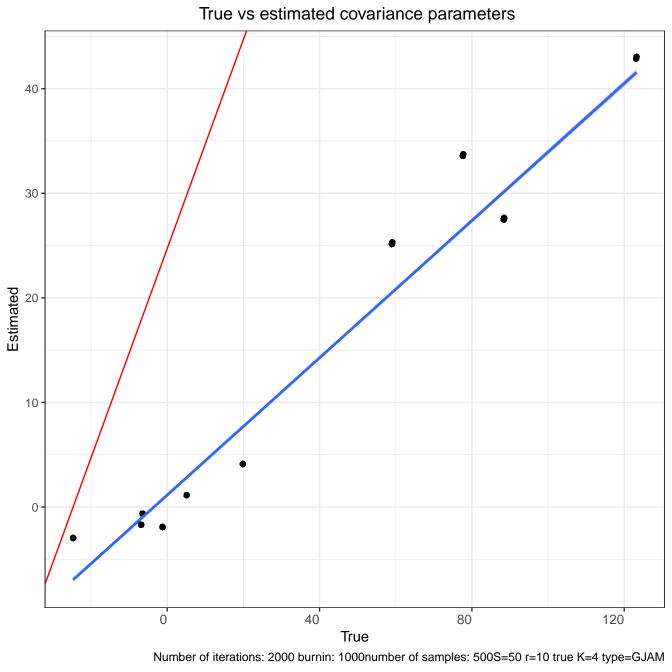




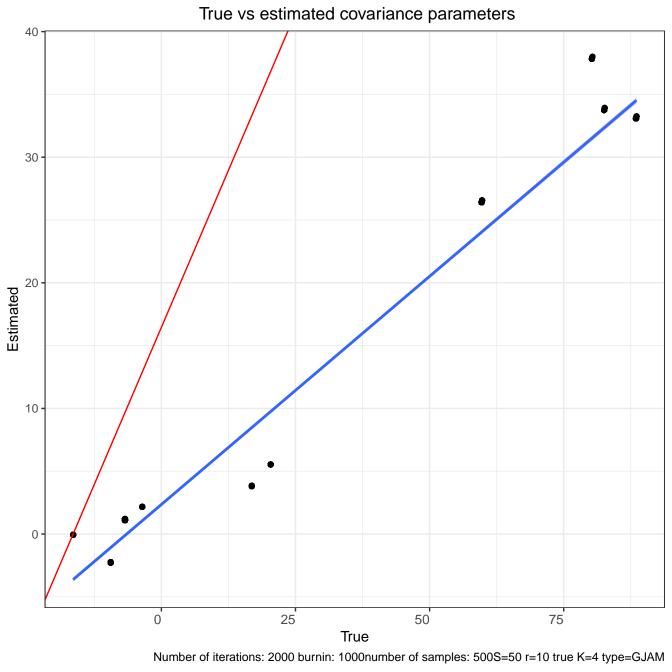
Trace plot for the number of groups K for S=50 r=10 true K=4 type=GJAM 6 trace 5 500 1000 1500 2000 iter



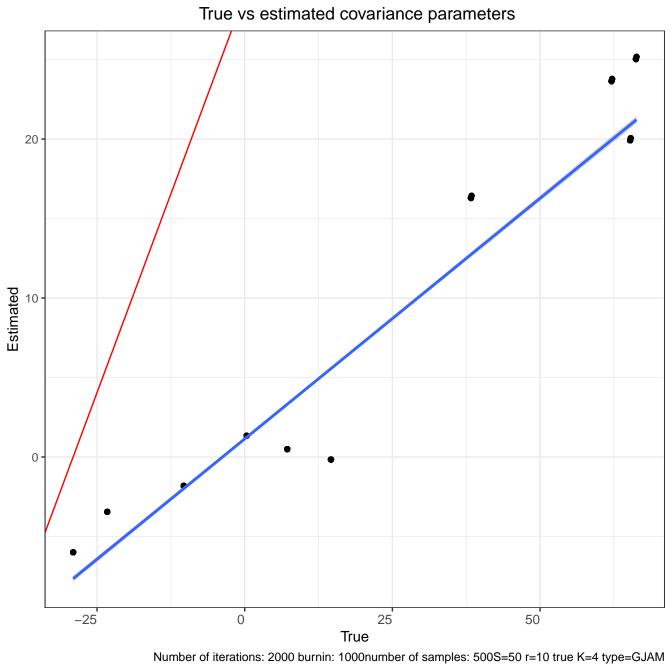




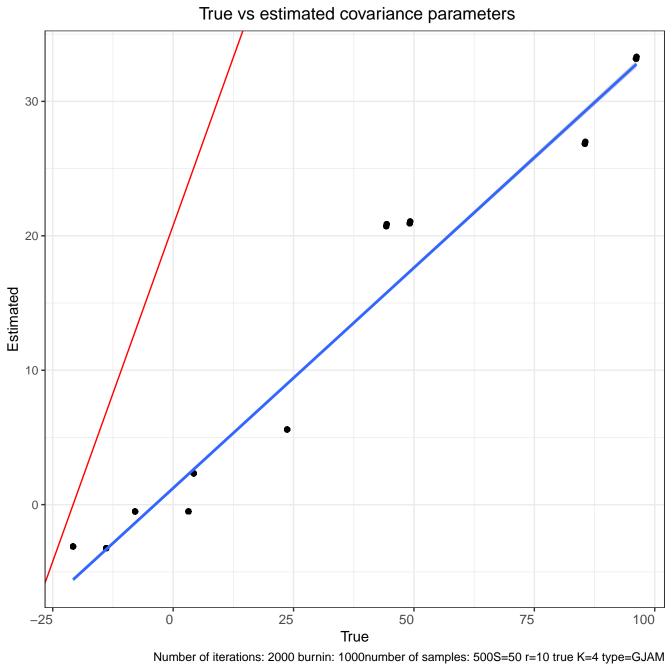
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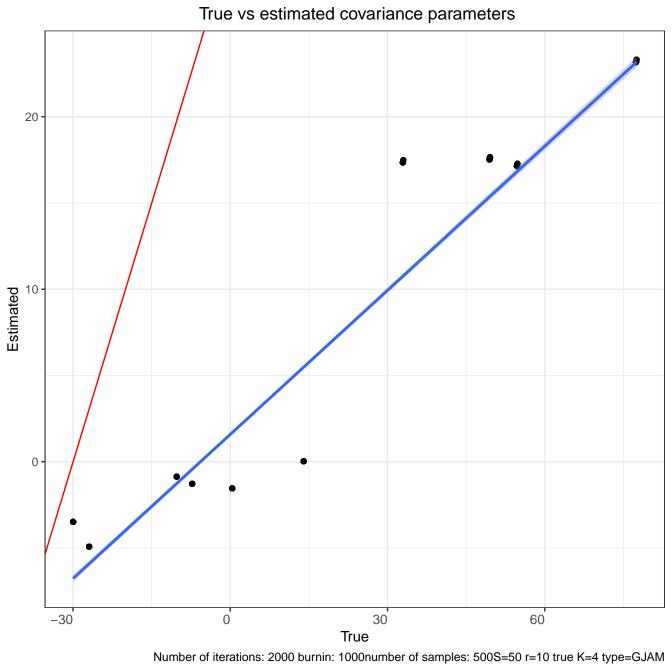
Trace plot for the number of groups K for S=50 r=10 true K=4 type=GJAM trace iter Number of iterations: 2000 burnin: 1000number of samples: 500

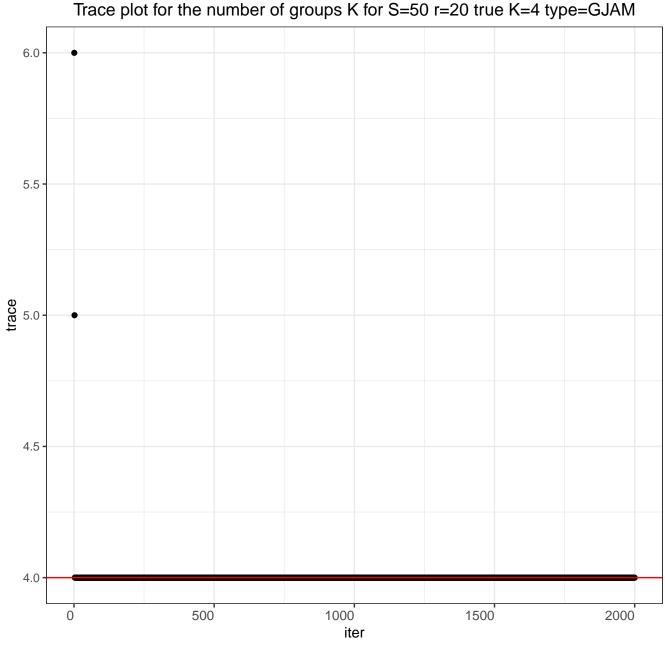


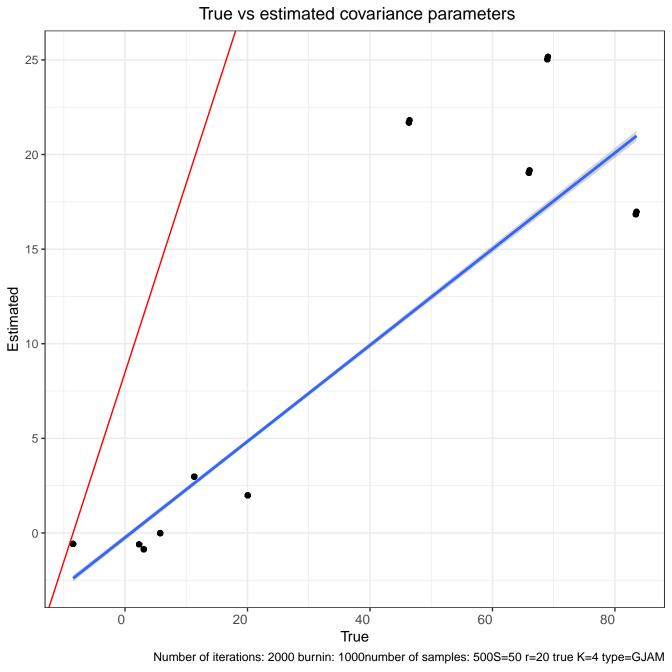
Trace plot for the number of groups K for S=50 r=10 true K=4 type=GJAM trace 9 iter

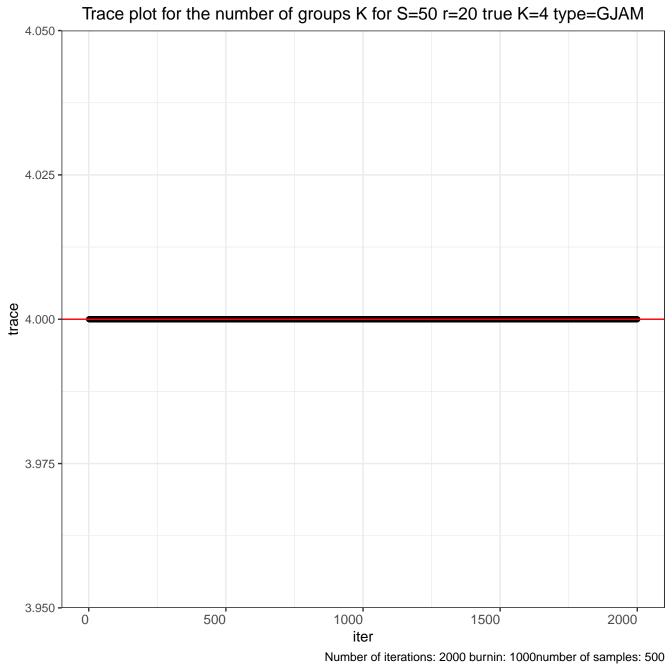


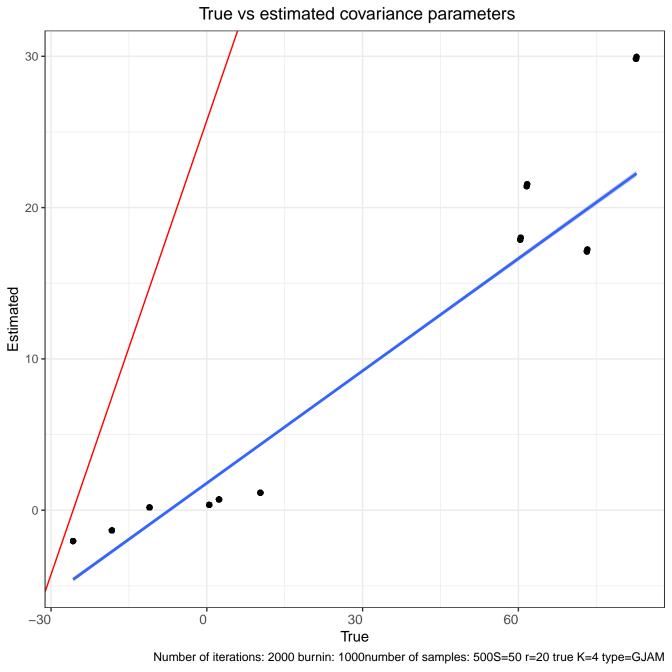
Trace plot for the number of groups K for S=50 r=10 true K=4 type=GJAM trace iter Number of iterations: 2000 burnin: 1000number of samples: 500



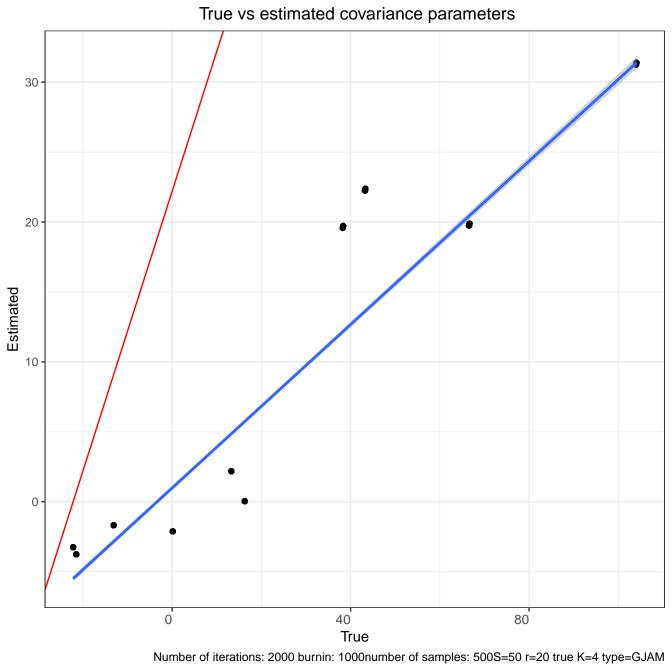




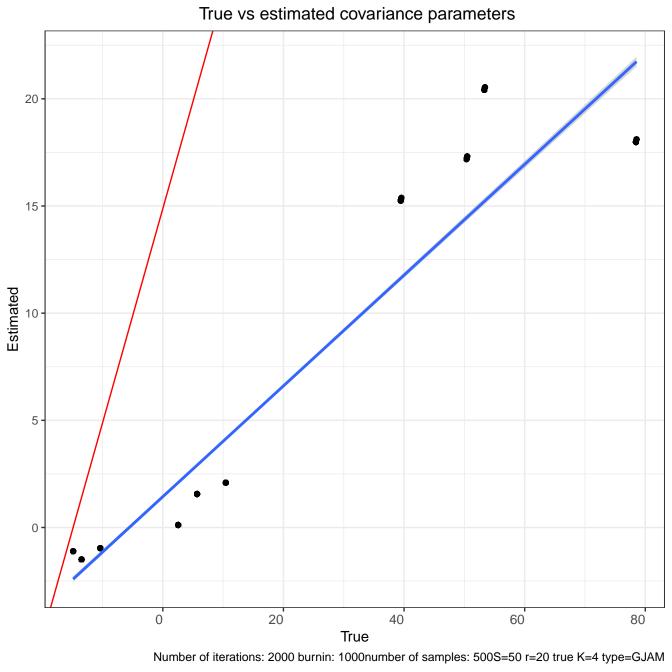


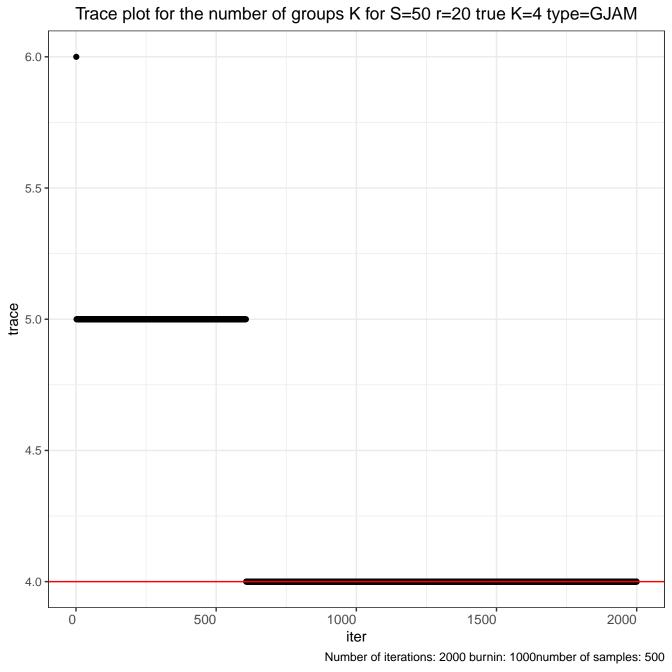


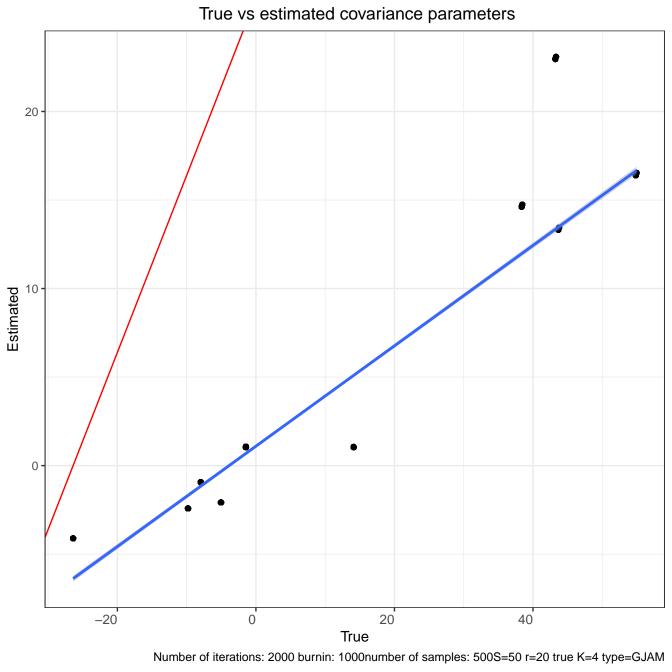
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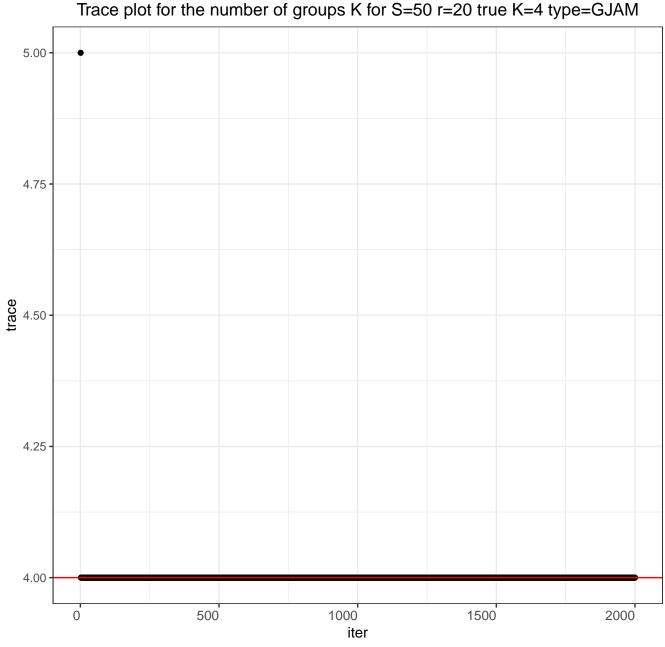


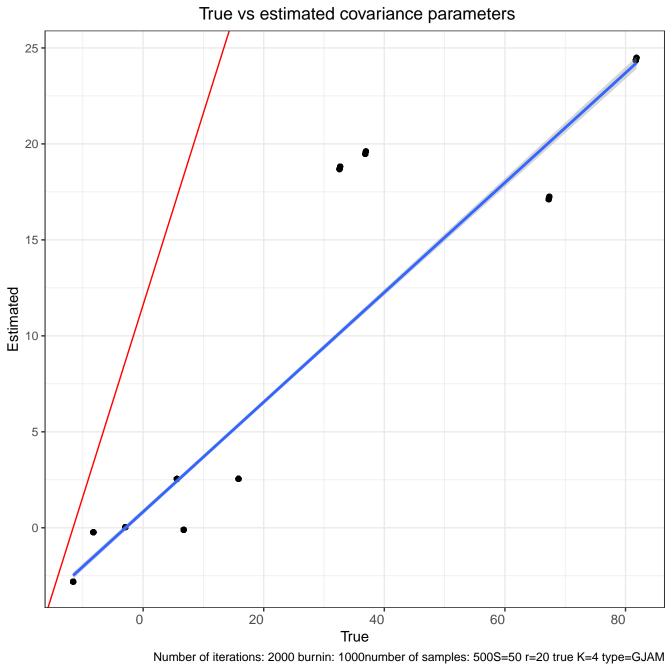
Trace plot for the number of groups K for S=50 r=20 true K=4 type=GJAM trace 9 iter

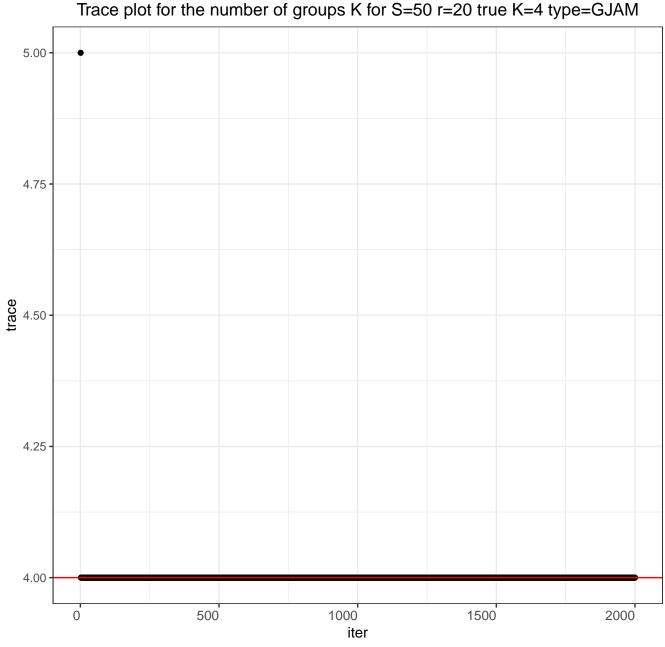


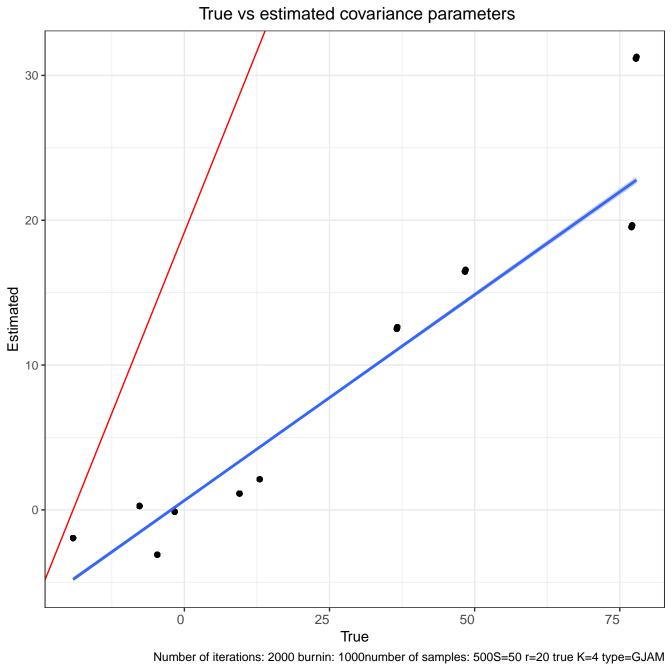


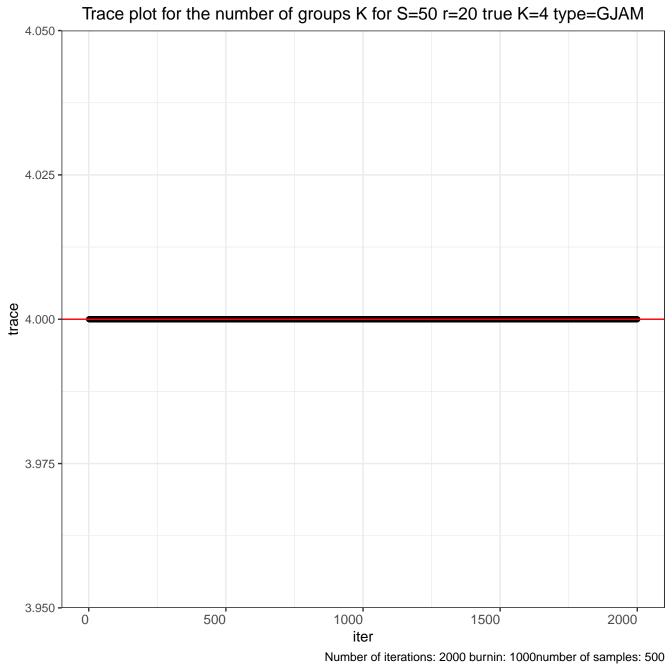


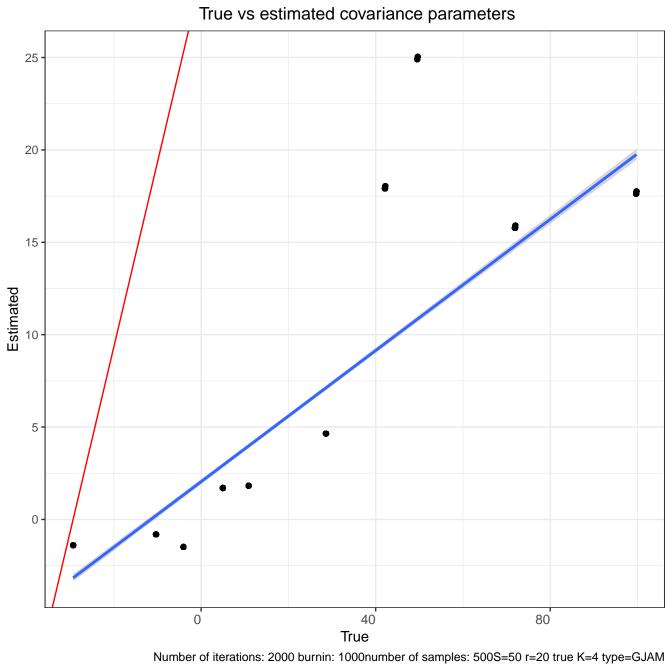


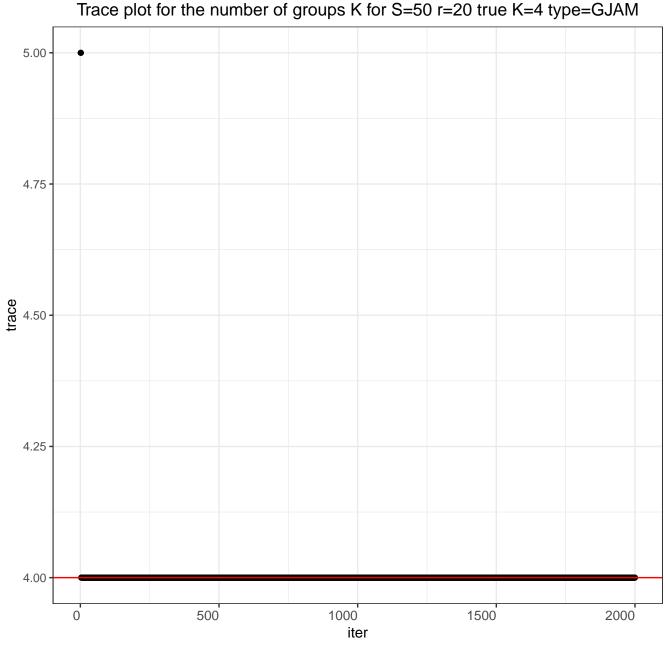


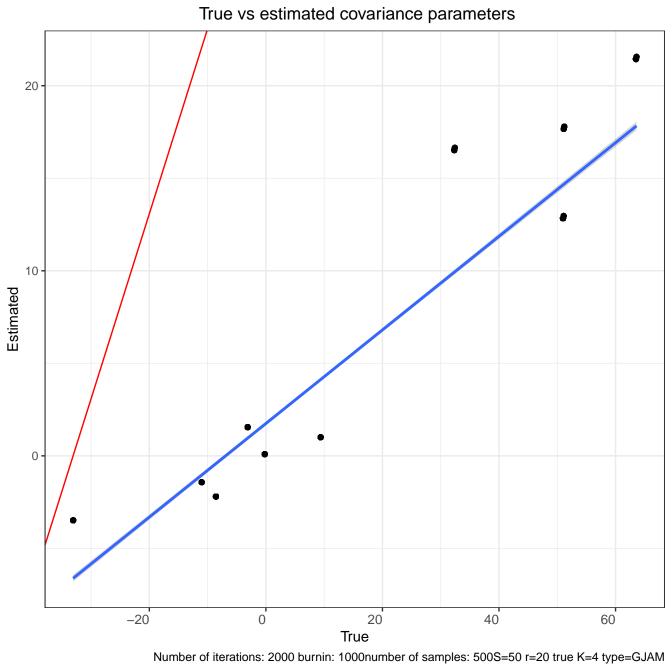




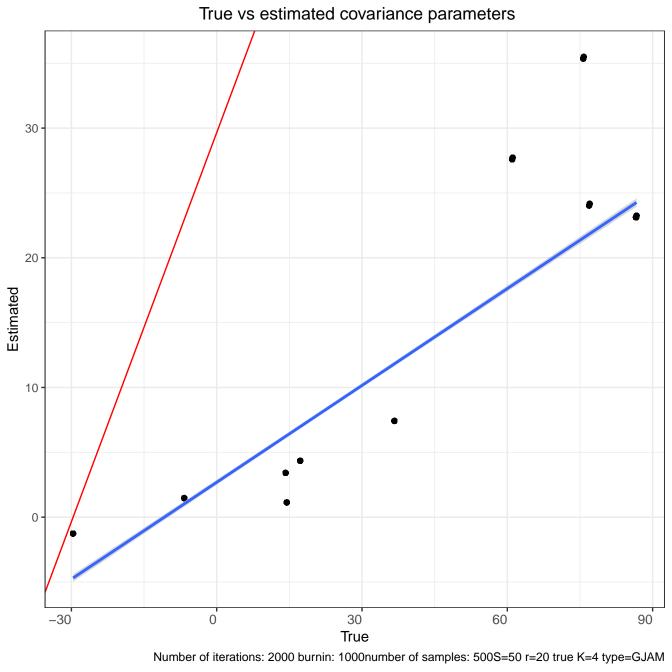




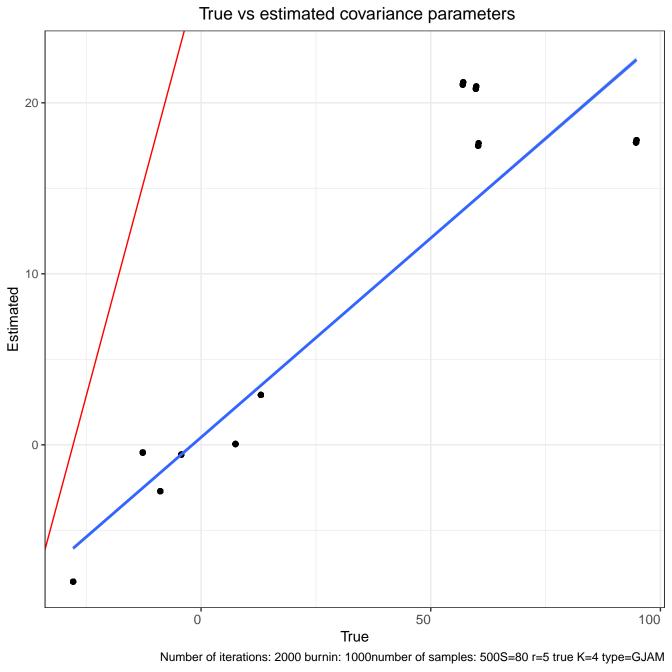




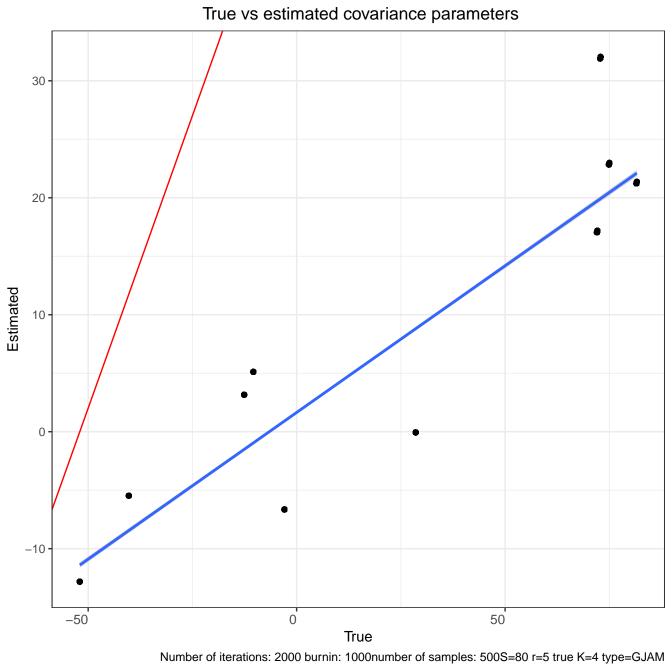
Trace plot for the number of groups K for S=50 r=20 true K=4 type=GJAM 6 trace 5 500 1000 1500 2000 iter



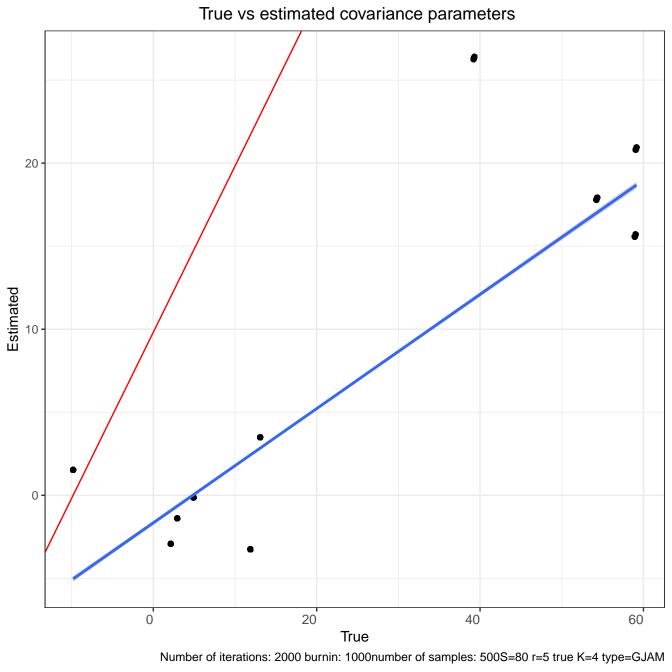
Trace plot for the number of groups K for S=80 r=5 true K=4 type=GJAM 15 -12 trace 6 -1000 2000 1500 500 iter



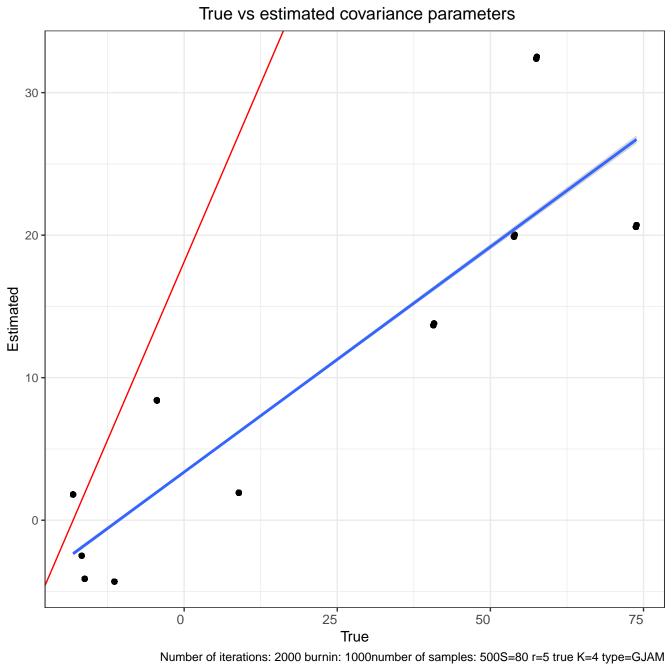
Trace plot for the number of groups K for S=80 r=5 true K=4 type=GJAM 12 -6 -1000 2000 500 1500 0 iter



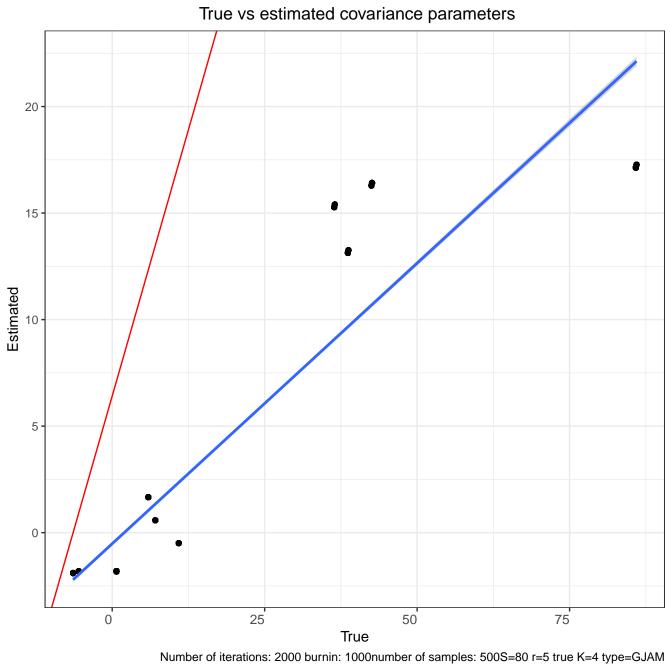
Trace plot for the number of groups K for S=80 r=5 true K=4 type=GJAM 15 -12 trace 9 -6 -1000 2000 0 1500 500 iter



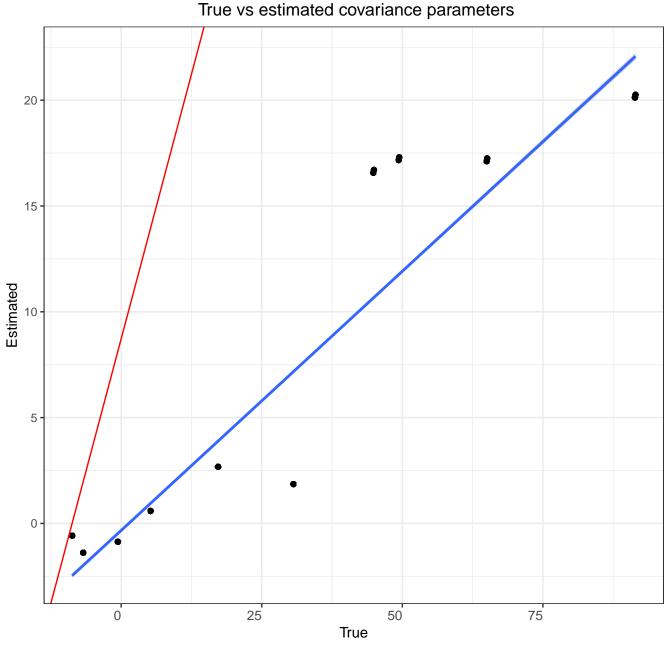
Trace plot for the number of groups K for S=80 r=5 true K=4 type=GJAM 12 10 -6 -1000 2000 1500 0 500 iter Number of iterations: 2000 burnin: 1000number of samples: 500



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

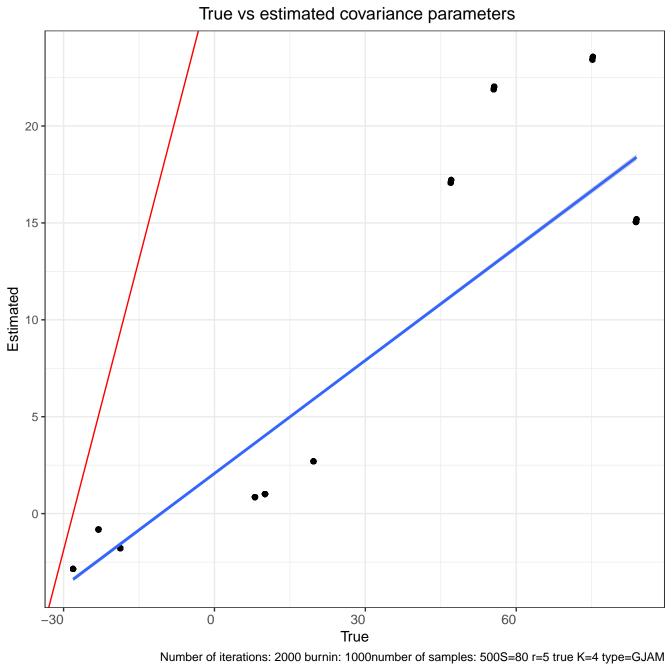


Trace plot for the number of groups K for S=80 r=5 true K=4 type=GJAM 15 trace 10 -5 -1000 2000 1500 500 iter Number of iterations: 2000 burnin: 1000number of samples: 500

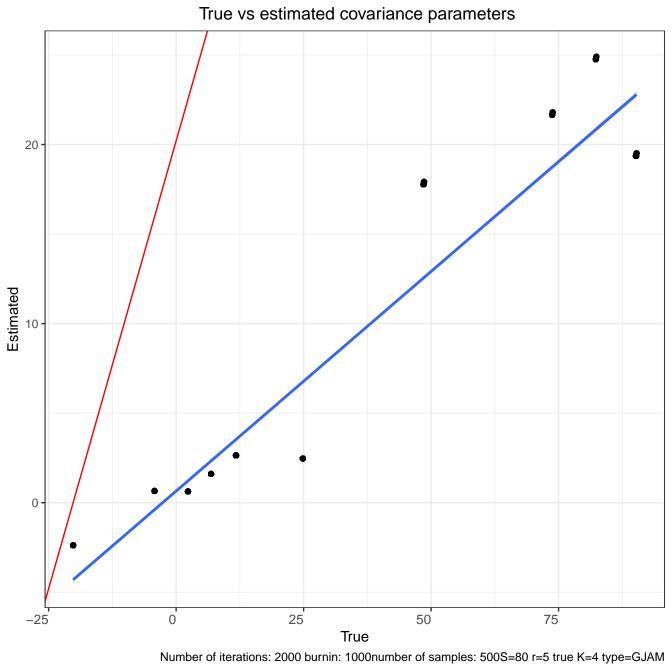


Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=GJAM

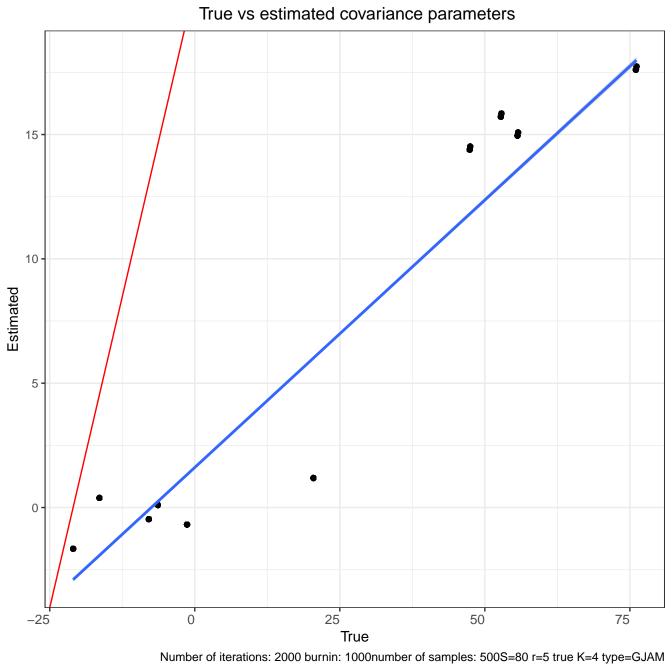
Trace plot for the number of groups K for S=80 r=5 true K=4 type=GJAM 16-12 trace 8 -1000 2000 1500 500 iter Number of iterations: 2000 burnin: 1000number of samples: 500



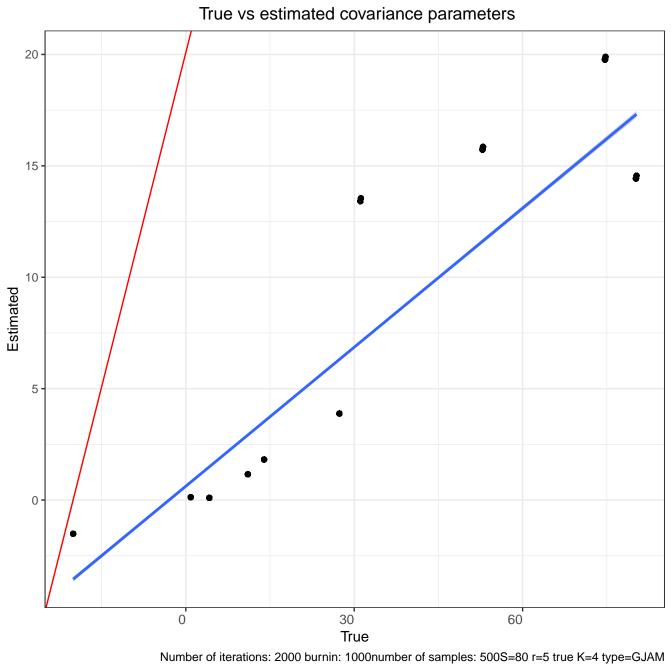
Trace plot for the number of groups K for S=80 r=5 true K=4 type=GJAM 12 -6 -1000 2000 500 1500 iter



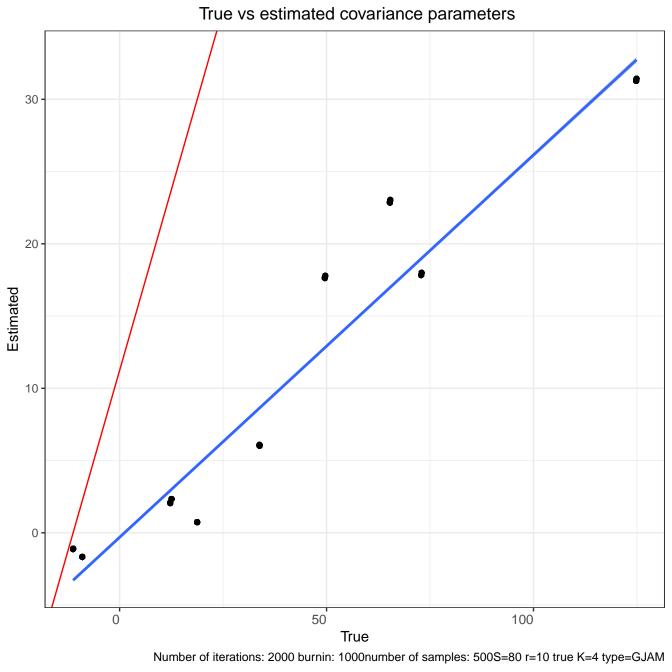
Trace plot for the number of groups K for S=80 r=5 true K=4 type=GJAM 16-12 trace 8 -1000 2000 1500 500 iter Number of iterations: 2000 burnin: 1000number of samples: 500



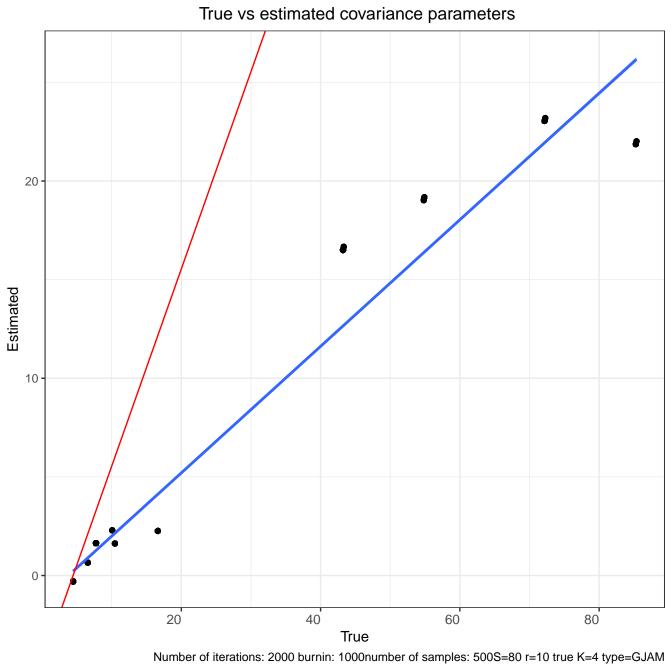
Trace plot for the number of groups K for S=80 r=5 true K=4 type=GJAM 16 12 trace 8 -1000 2000 1500 500 iter Number of iterations: 2000 burnin: 1000number of samples: 500



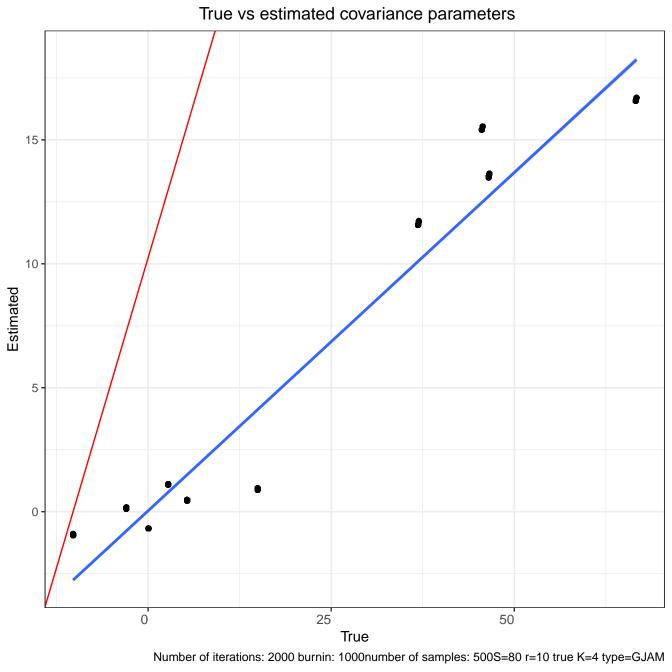
Trace plot for the number of groups K for S=80 r=10 true K=4 type=GJAM 12 10 -6 -2000 1000 1500 500 iter



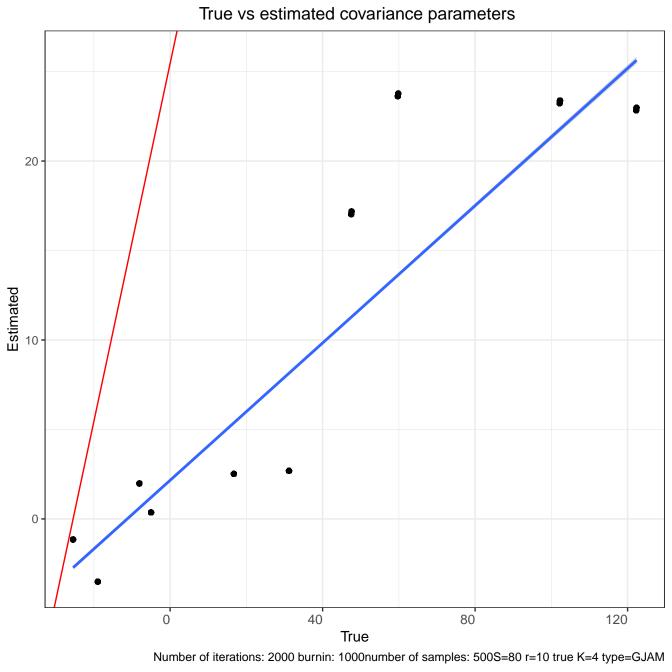
Trace plot for the number of groups K for S=80 r=10 true K=4 type=GJAM 10 8 trace 6 -1000 2000 1500 500 iter Number of iterations: 2000 burnin: 1000number of samples: 500



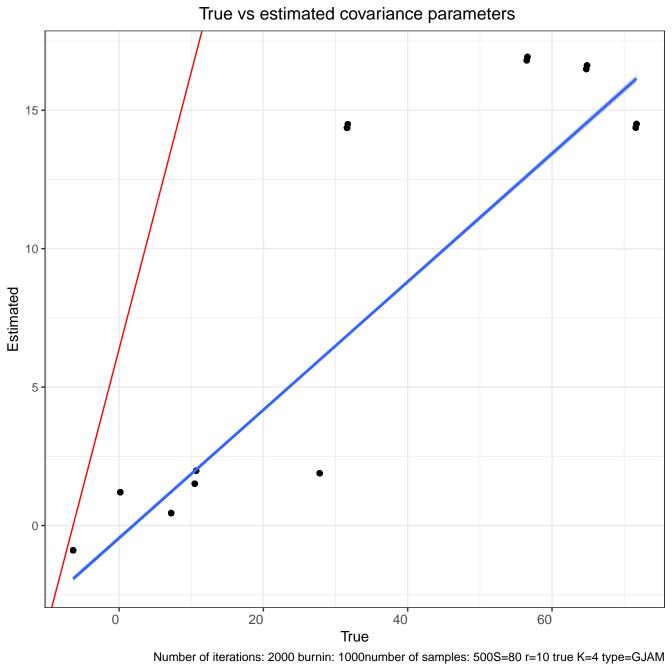
Trace plot for the number of groups K for S=80 r=10 true K=4 type=GJAM 10 -8 trace 6 -1000 2000 1500 500 iter



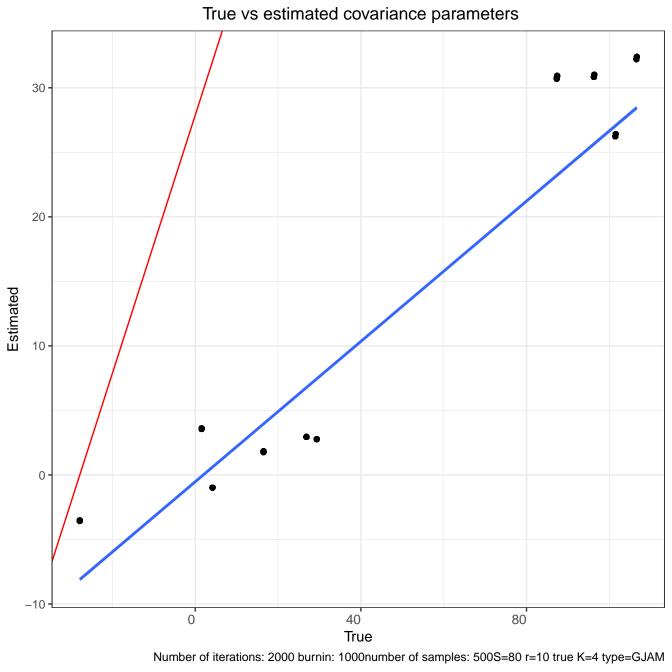
Trace plot for the number of groups K for S=80 r=10 true K=4 type=GJAM trace iter



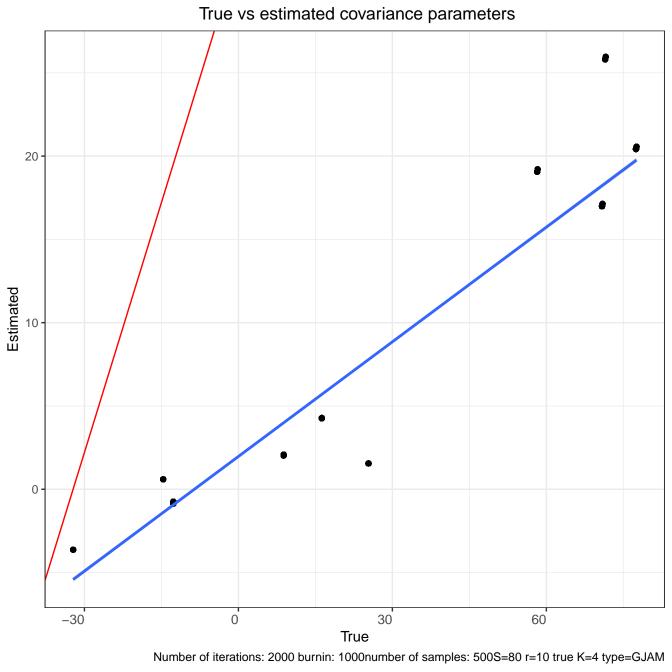
Trace plot for the number of groups K for S=80 r=10 true K=4 type=GJAM 10 trace 6 -1000 2000 1500 0 500 iter



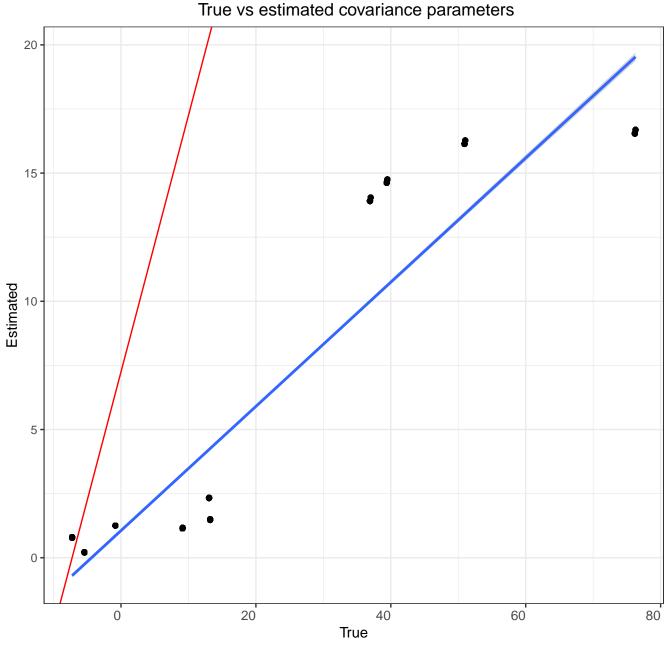
Trace plot for the number of groups K for S=80 r=10 true K=4 type=GJAM 12 10 -6 -2000 1000 1500 500 iter



Trace plot for the number of groups K for S=80 r=10 true K=4 type=GJAM trace iter Number of iterations: 2000 burnin: 1000number of samples: 500

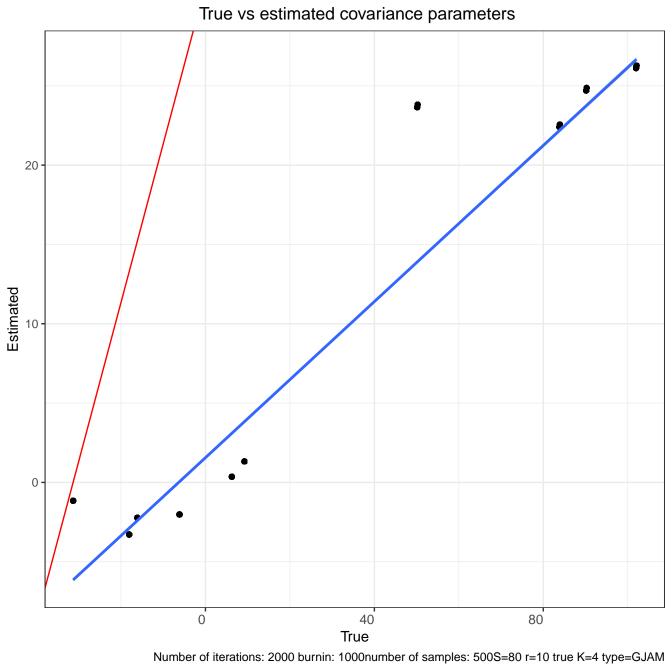


Trace plot for the number of groups K for S=80 r=10 true K=4 type=GJAM 12-10 trace 6 -1000 2000 1500 500 iter

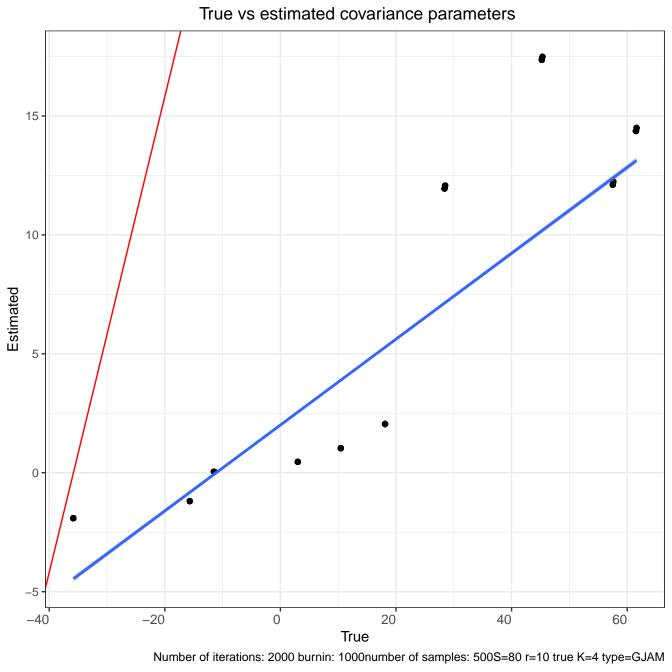


Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=10 true K=4 type=GJAM

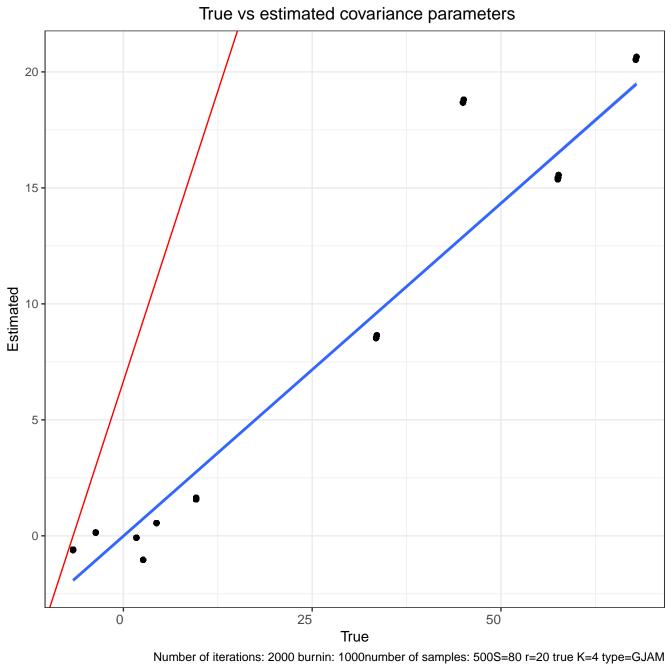
Trace plot for the number of groups K for S=80 r=10 true K=4 type=GJAM 12 10 -6 -1000 2000 1500 0 500 iter Number of iterations: 2000 burnin: 1000number of samples: 500

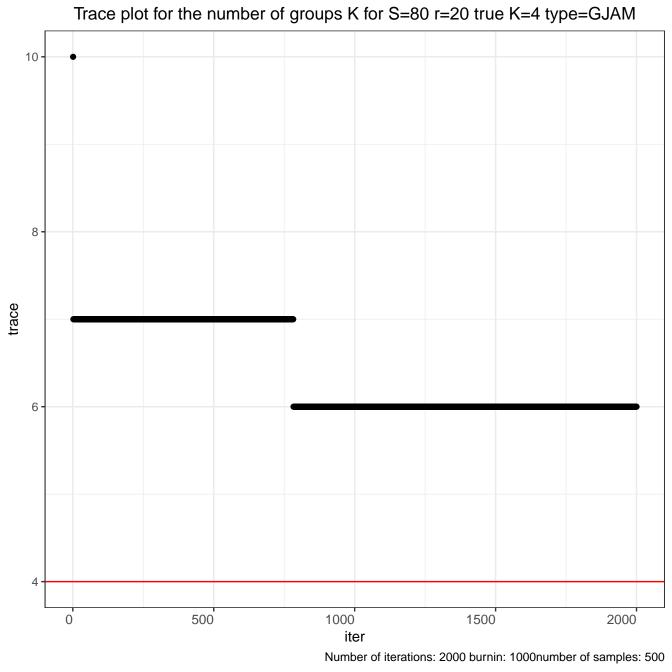


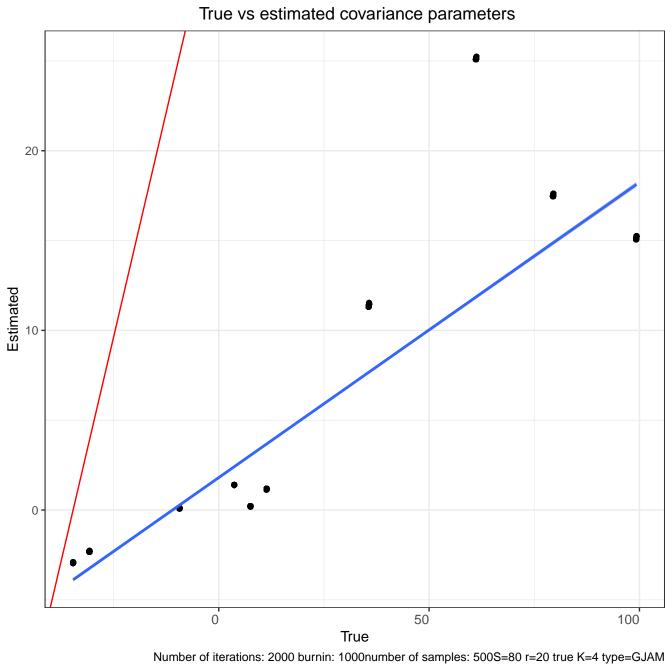
Trace plot for the number of groups K for S=80 r=10 true K=4 type=GJAM 12-10 trace 6 -1000 2000 1500 500 iter



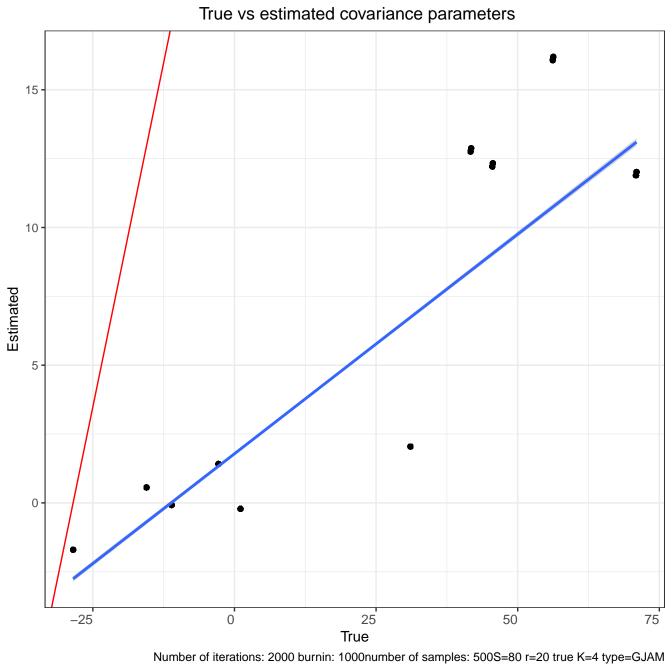
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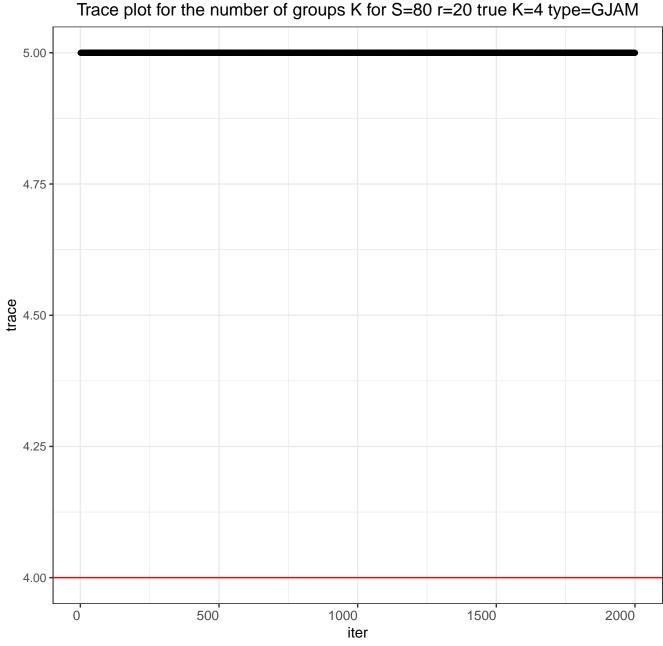


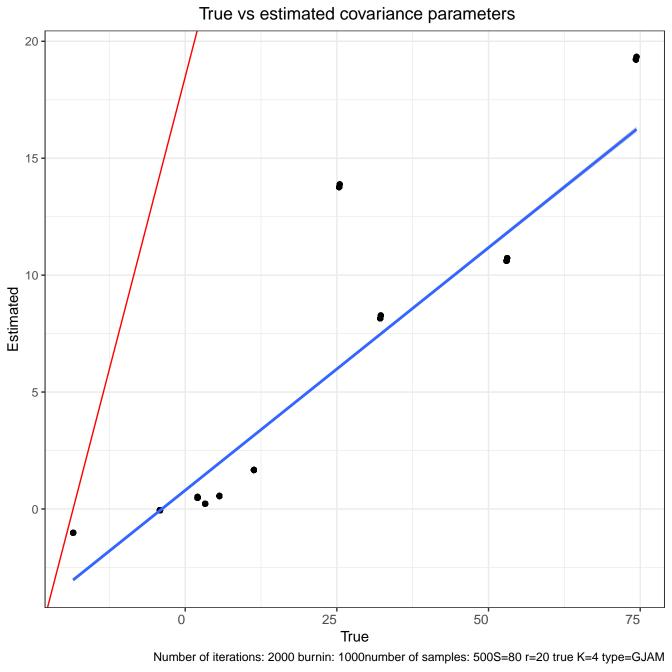


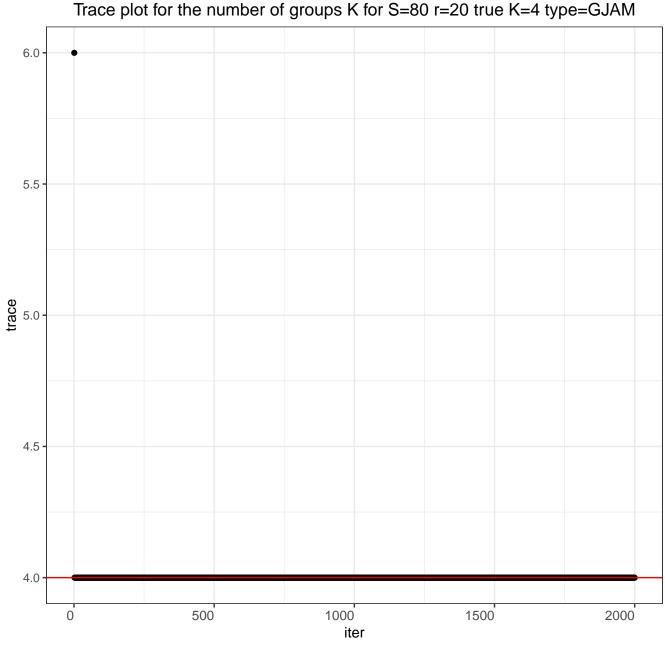


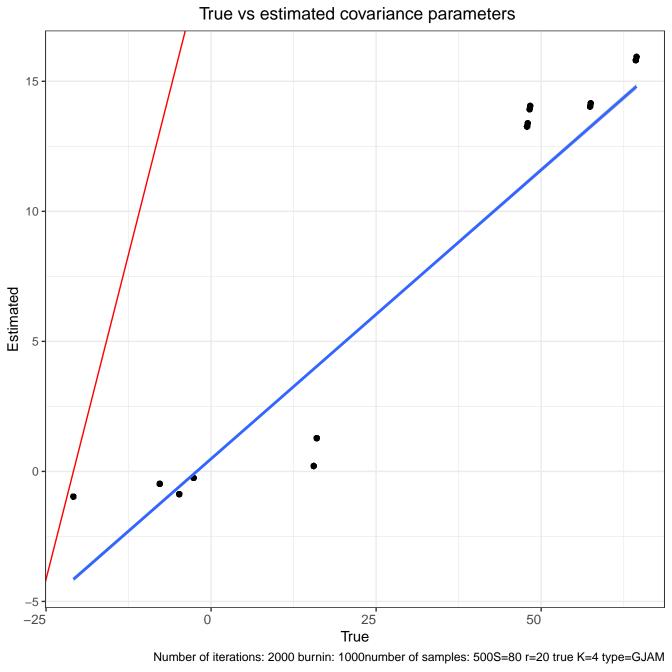
Trace plot for the number of groups K for S=80 r=20 true K=4 type=GJAM 6 trace 5 500 1000 1500 2000 iter

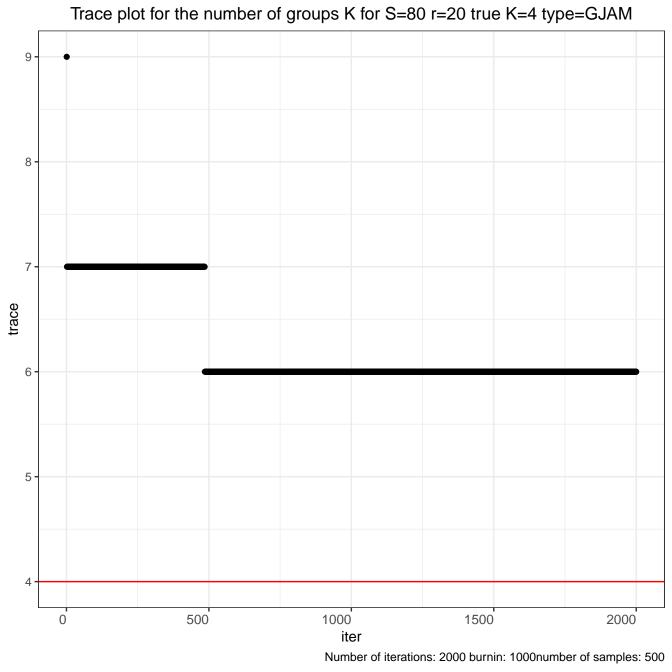


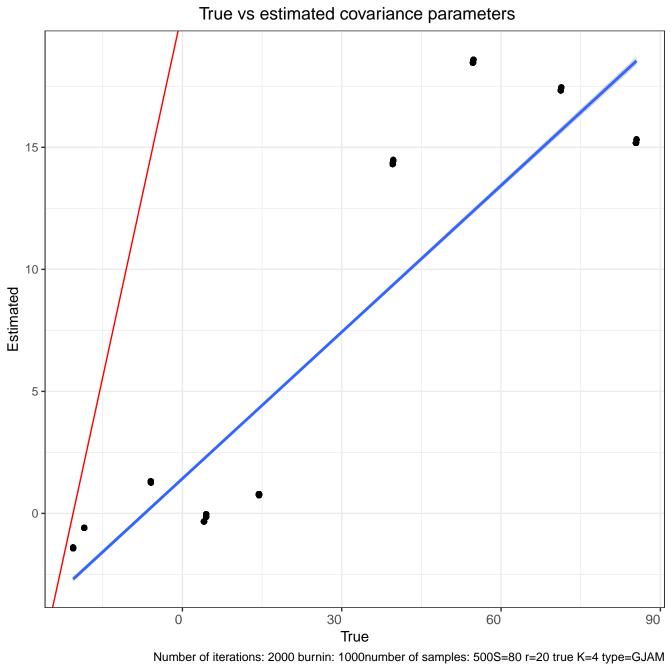


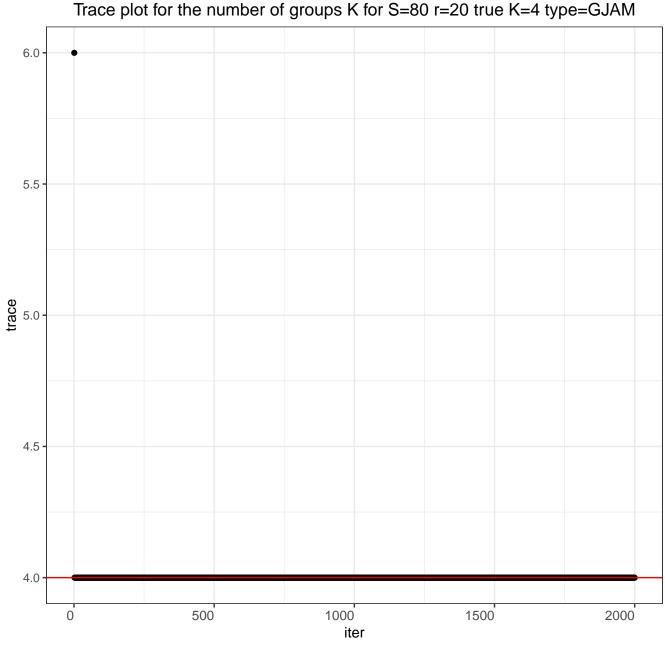


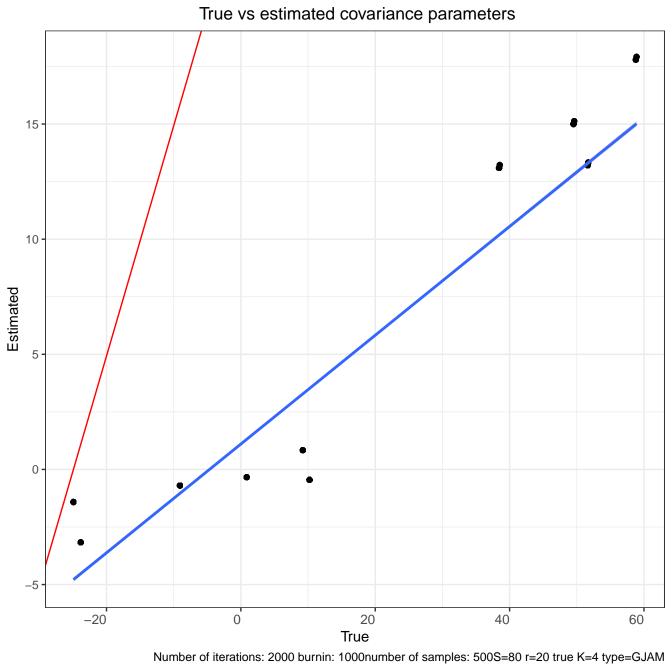












Trace plot for the number of groups K for S=80 r=20 true K=4 type=GJAM 6 trace 5 500 1000 1500 2000 iter

