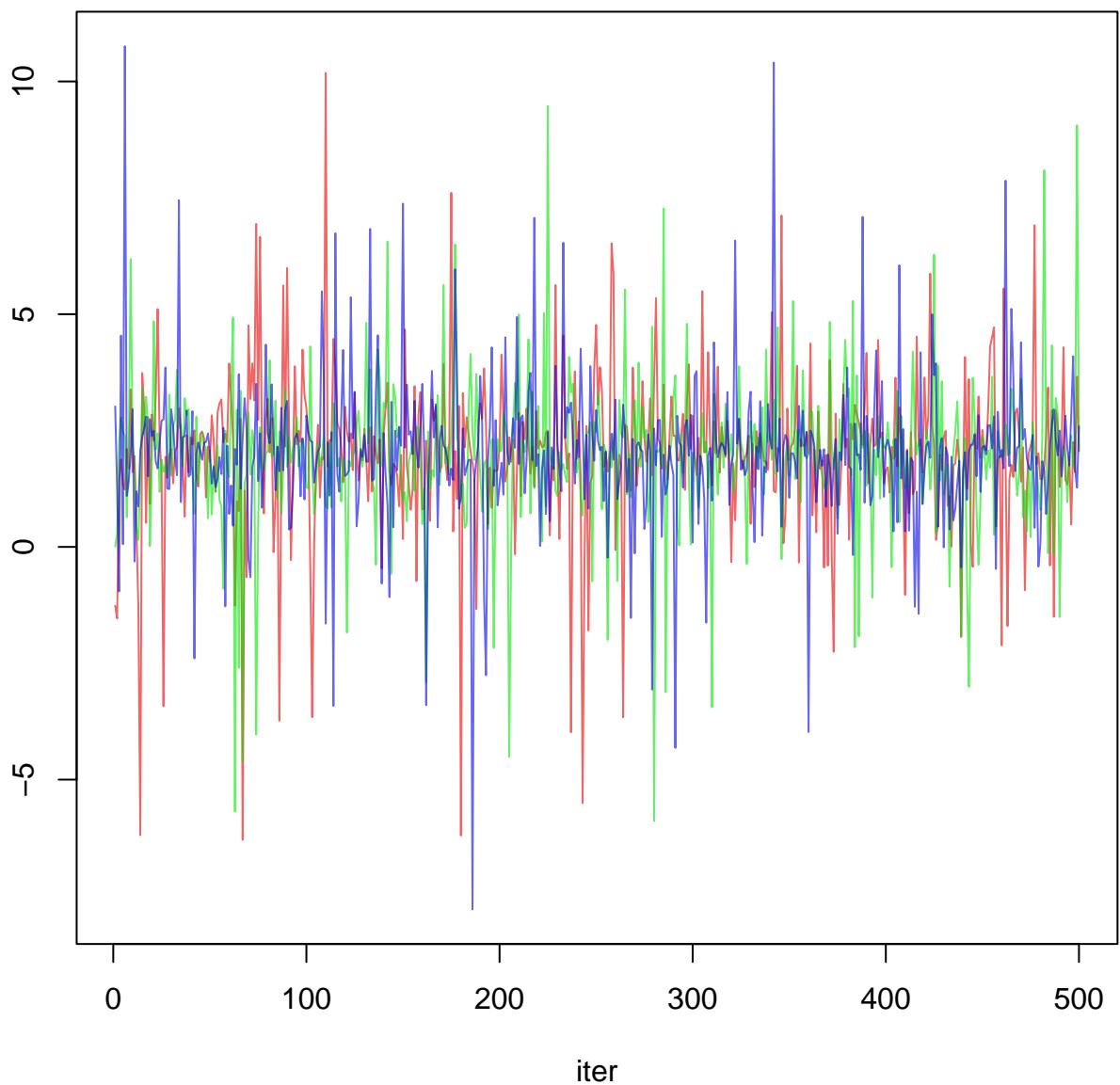
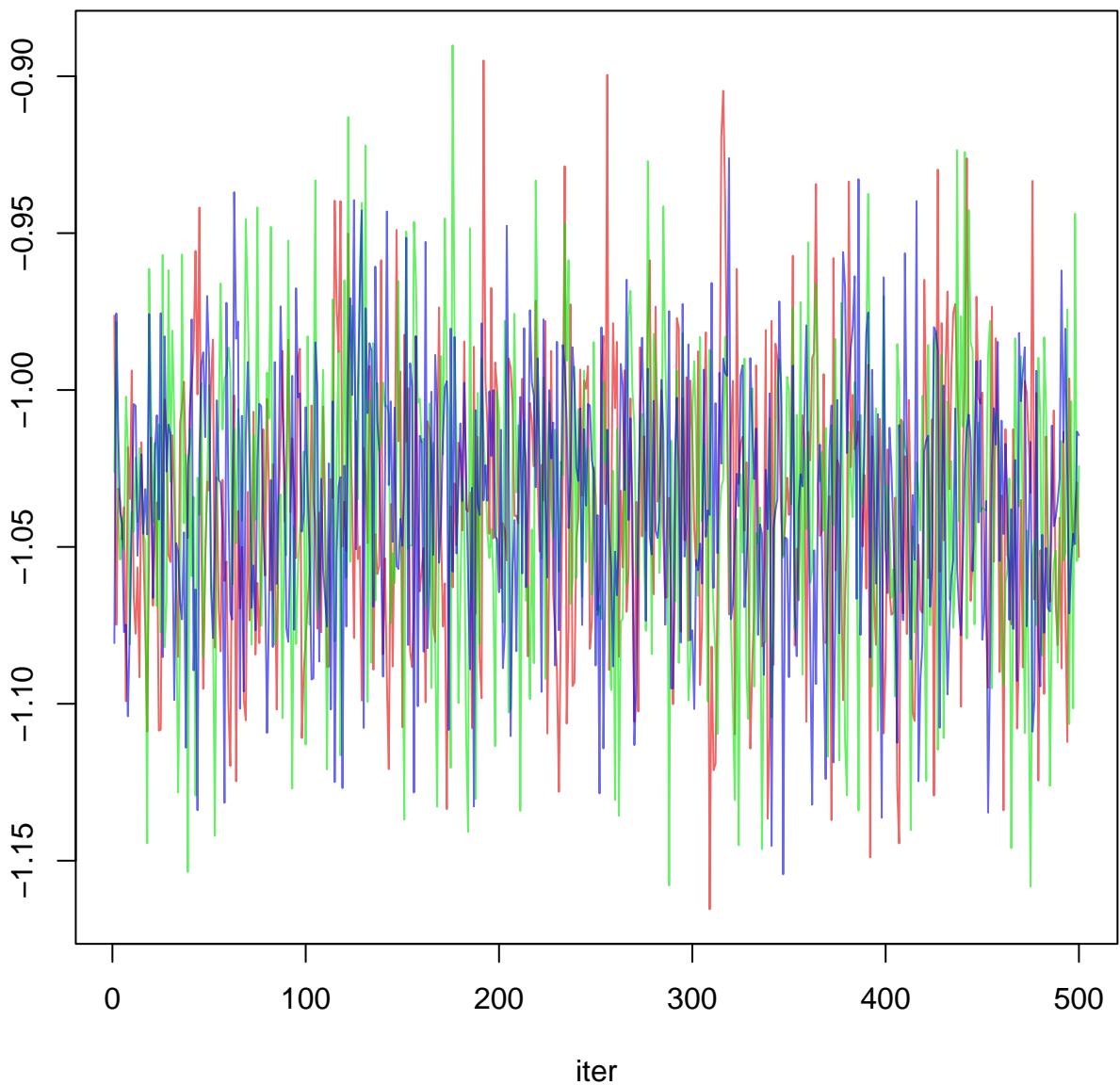


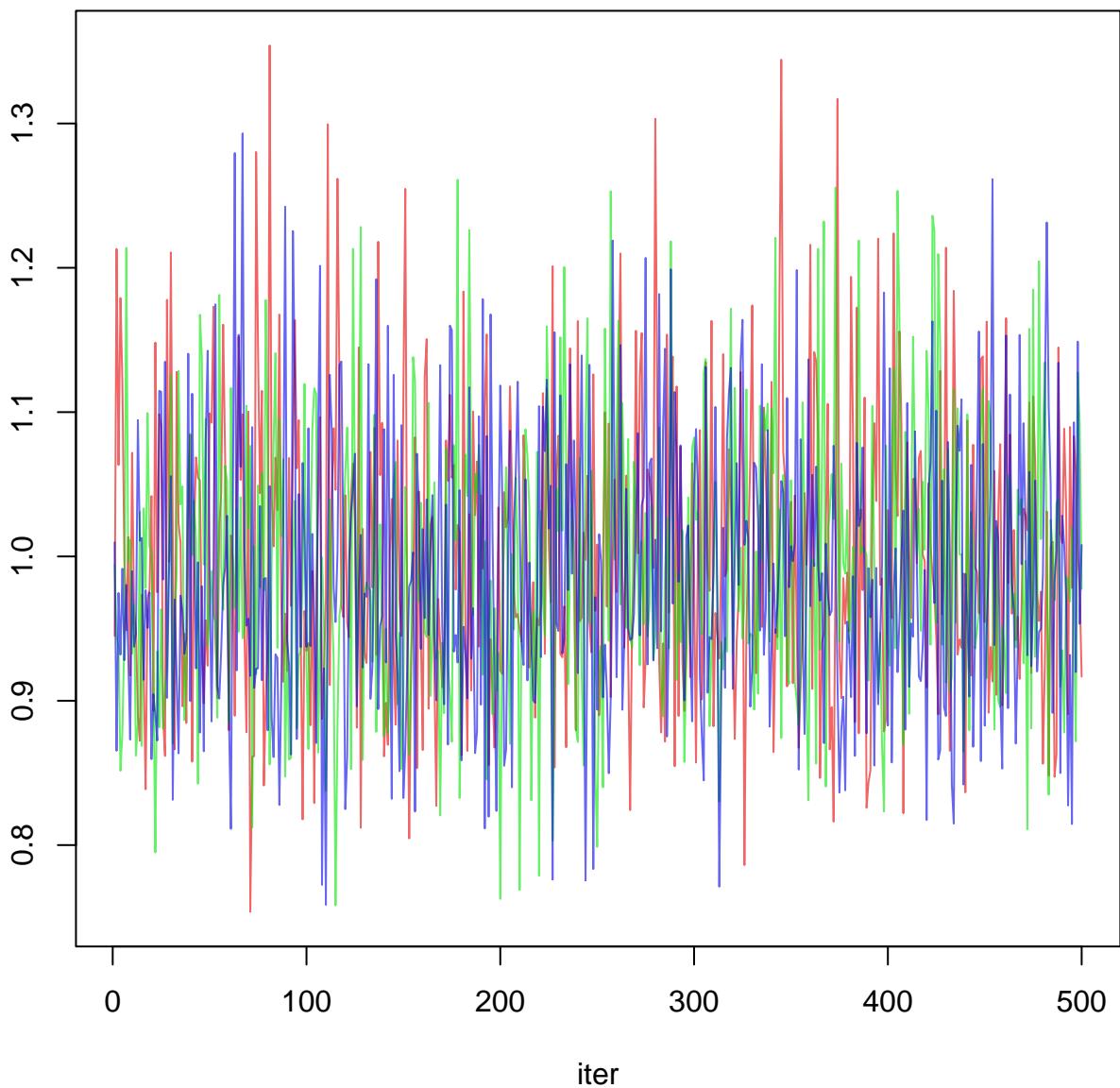
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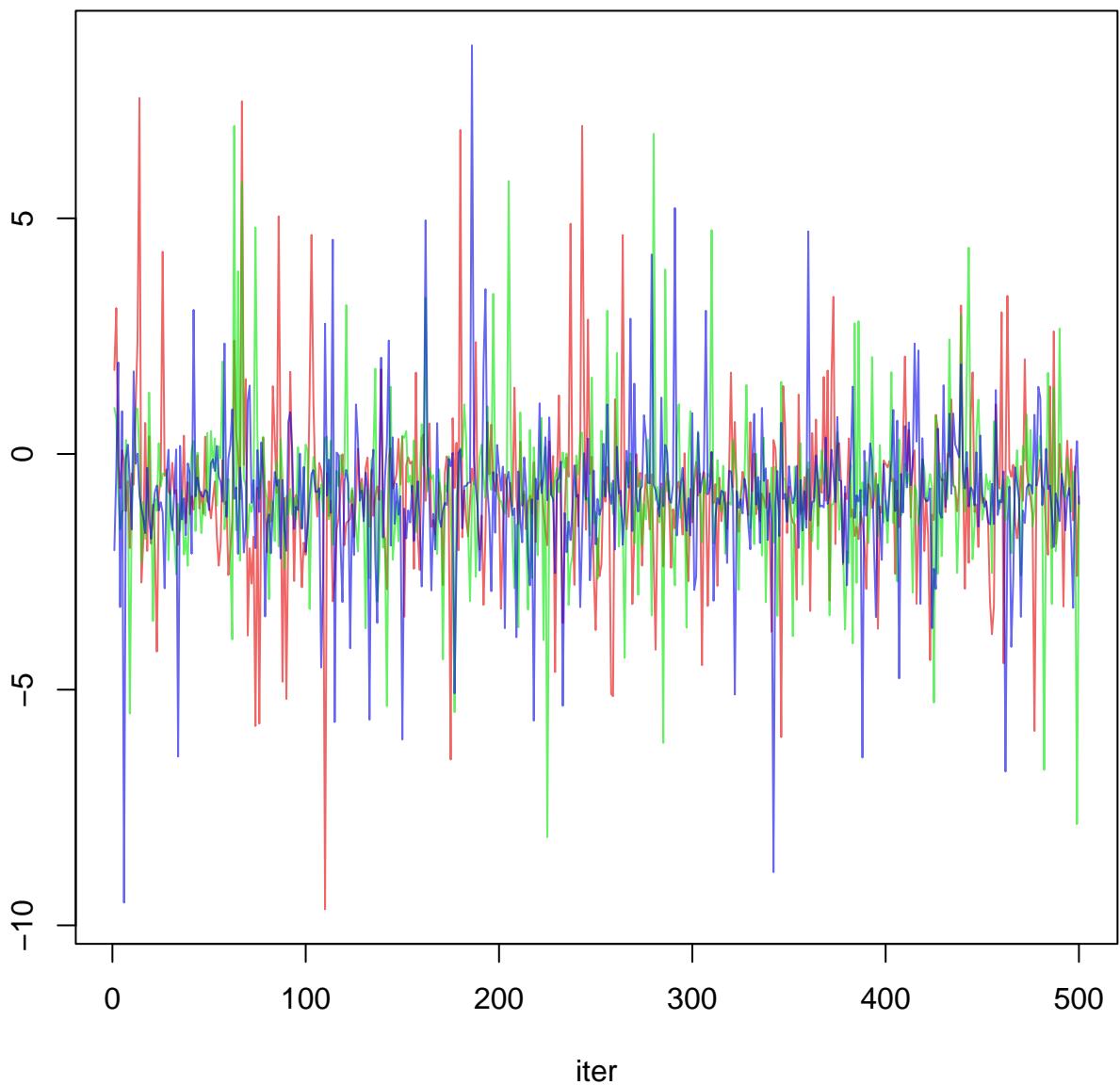
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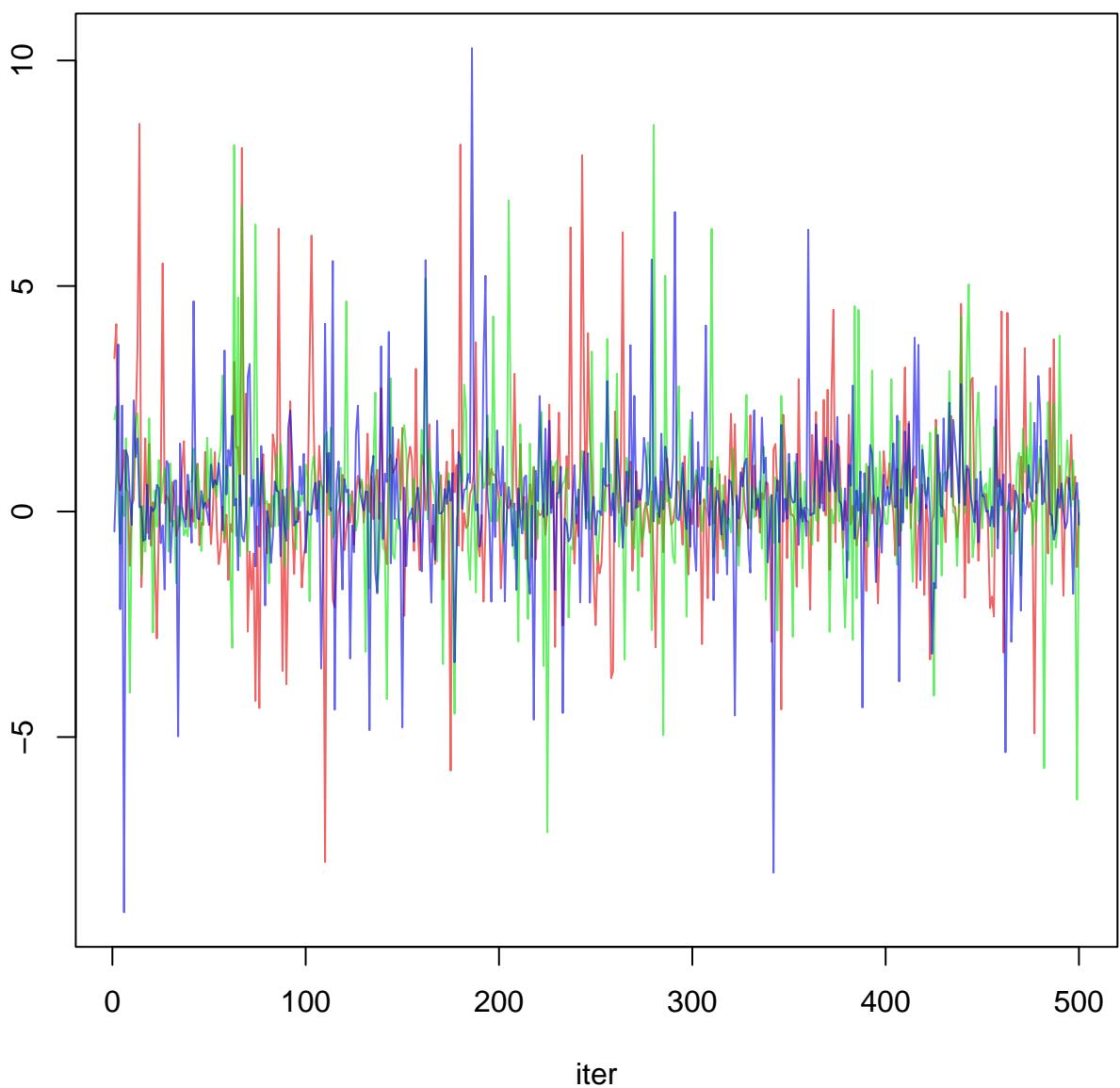
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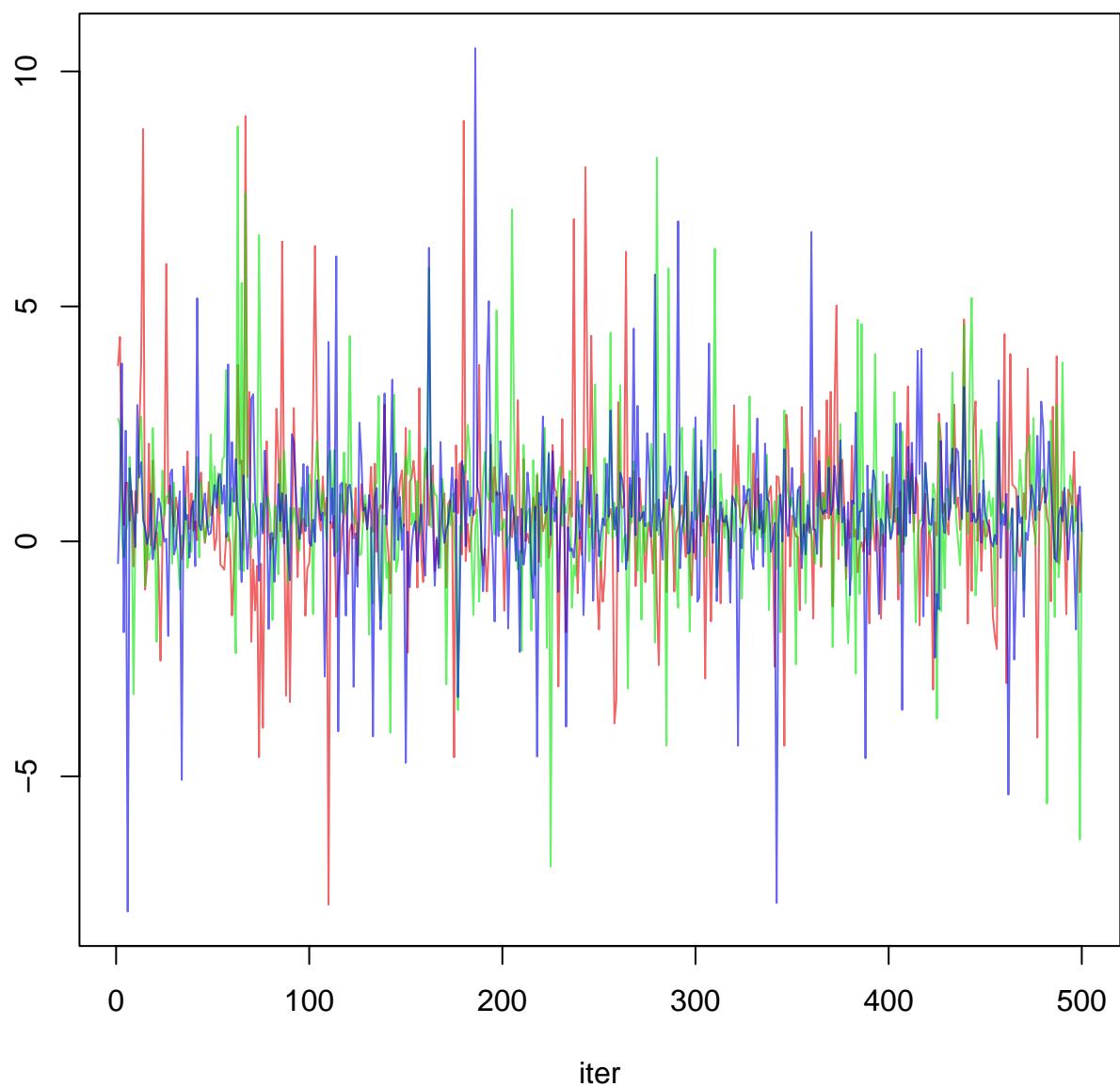
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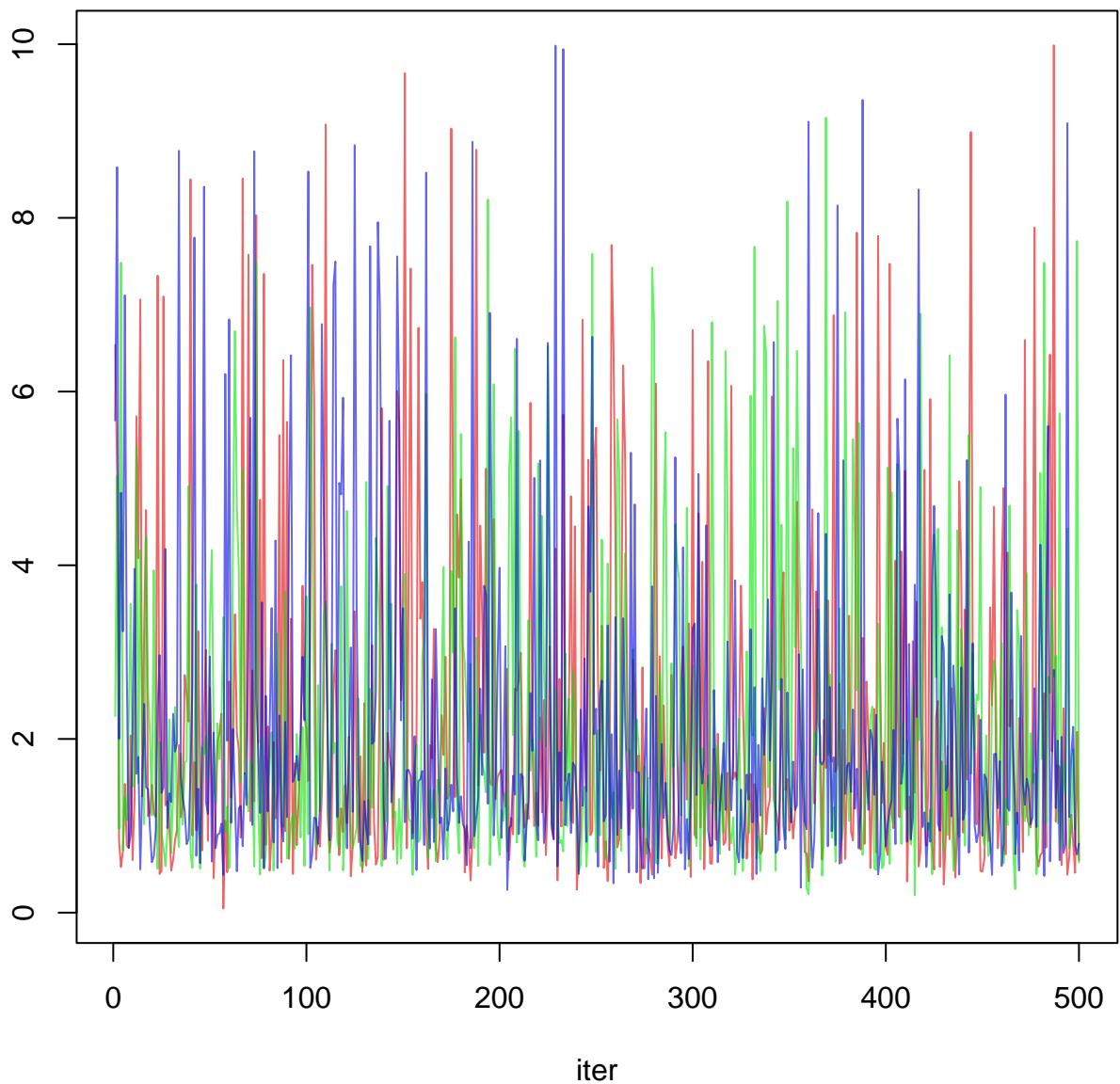
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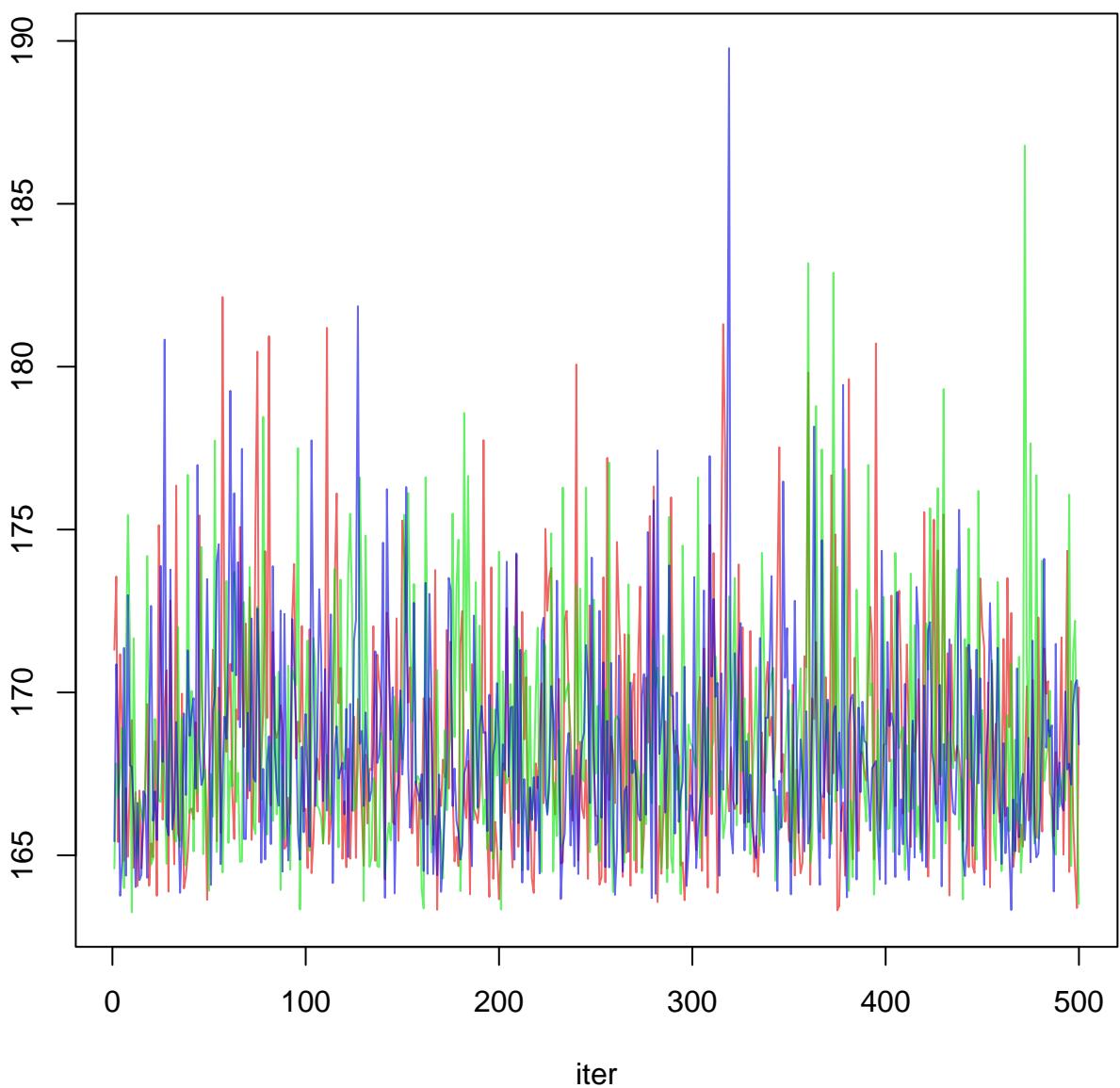
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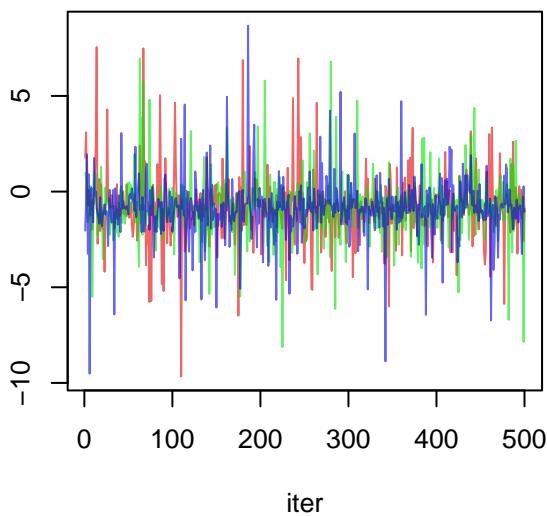
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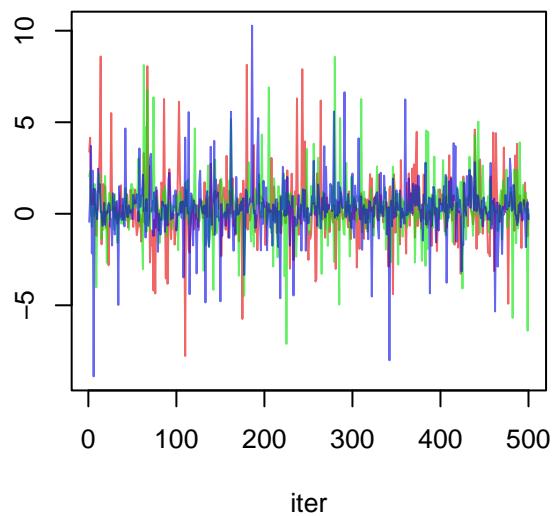
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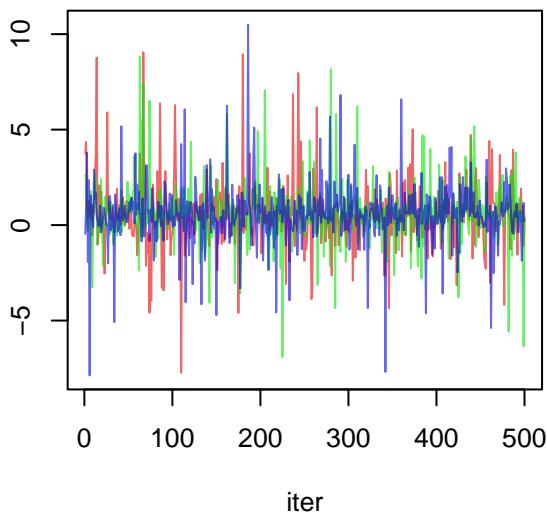
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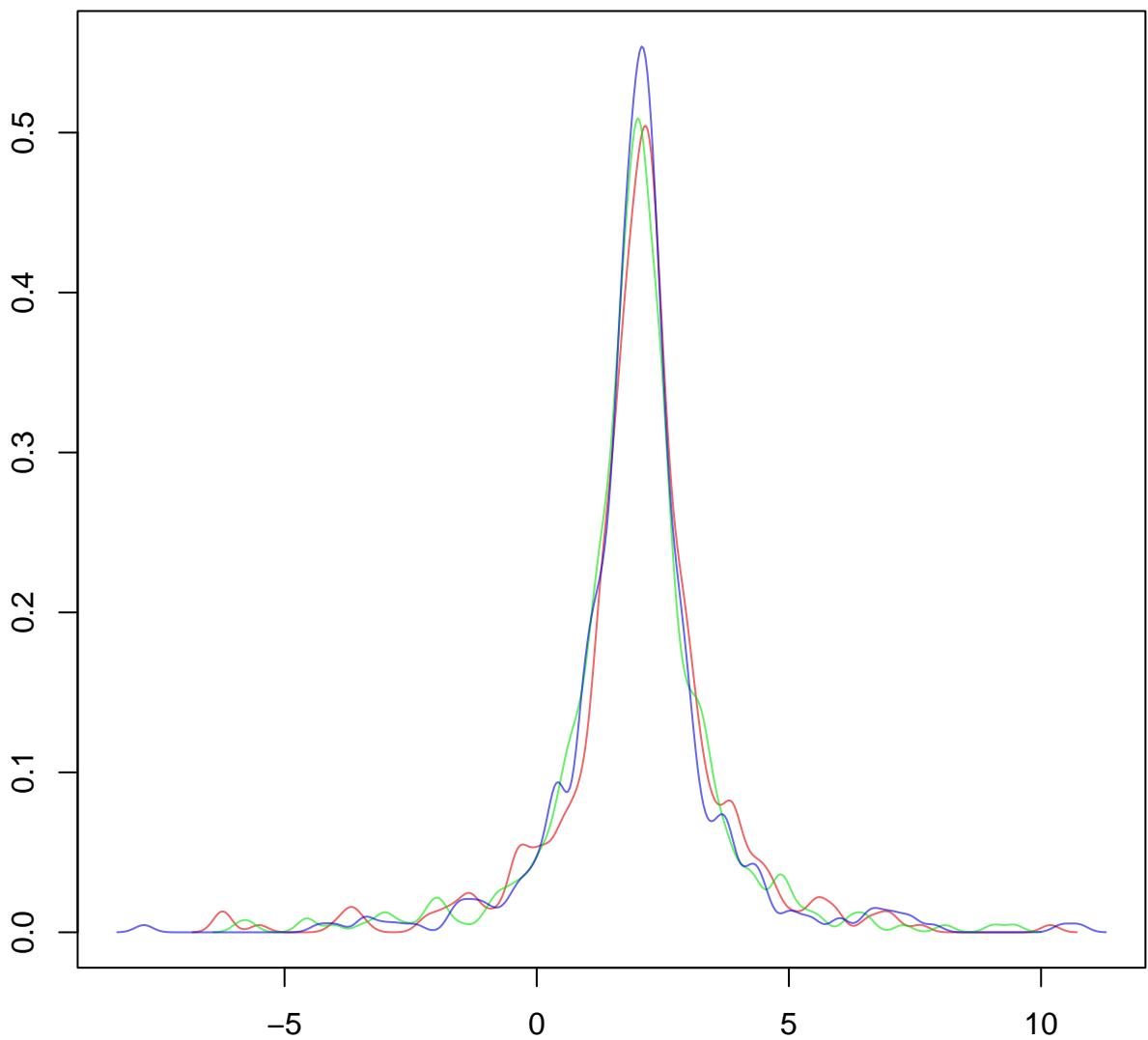
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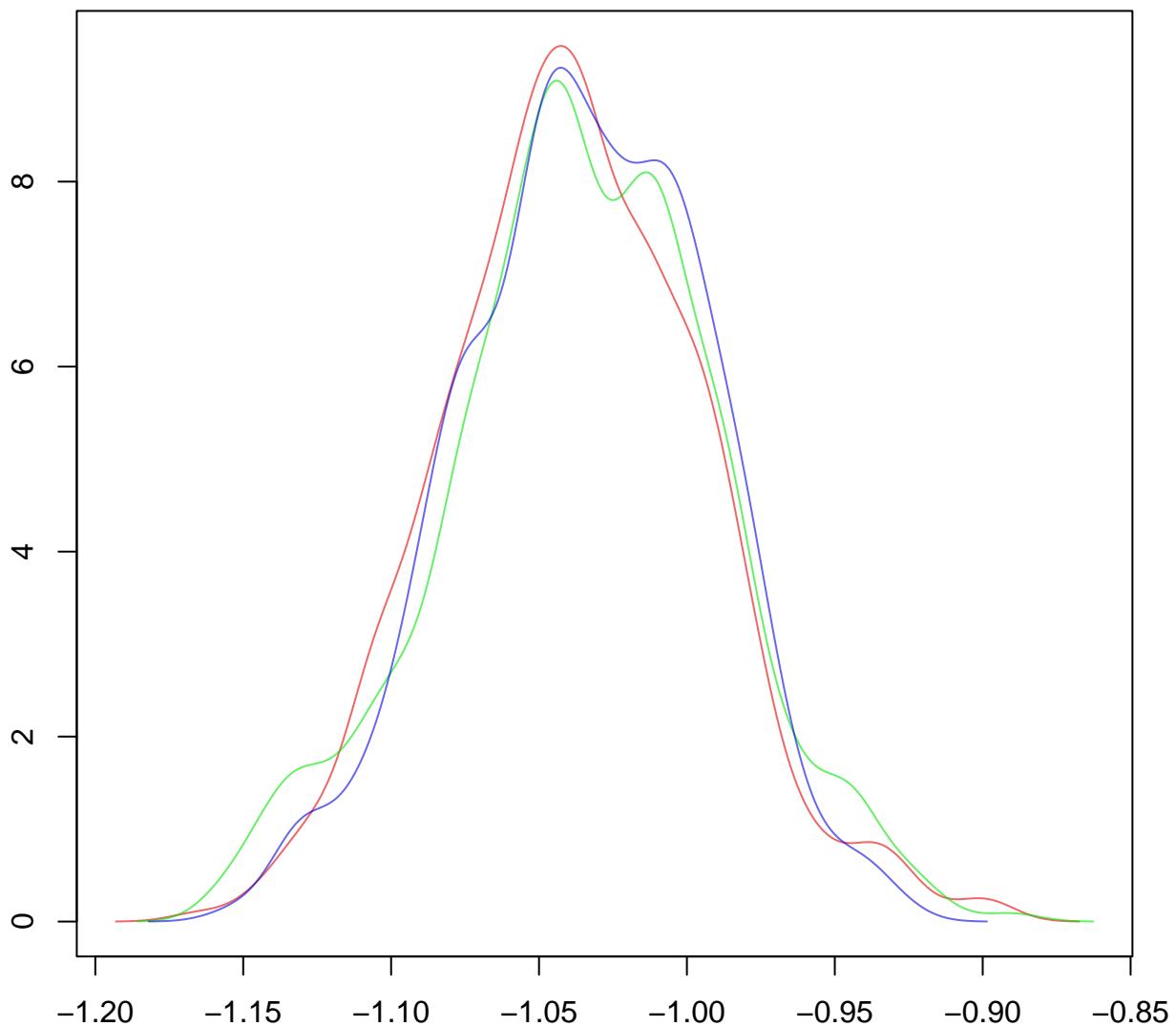
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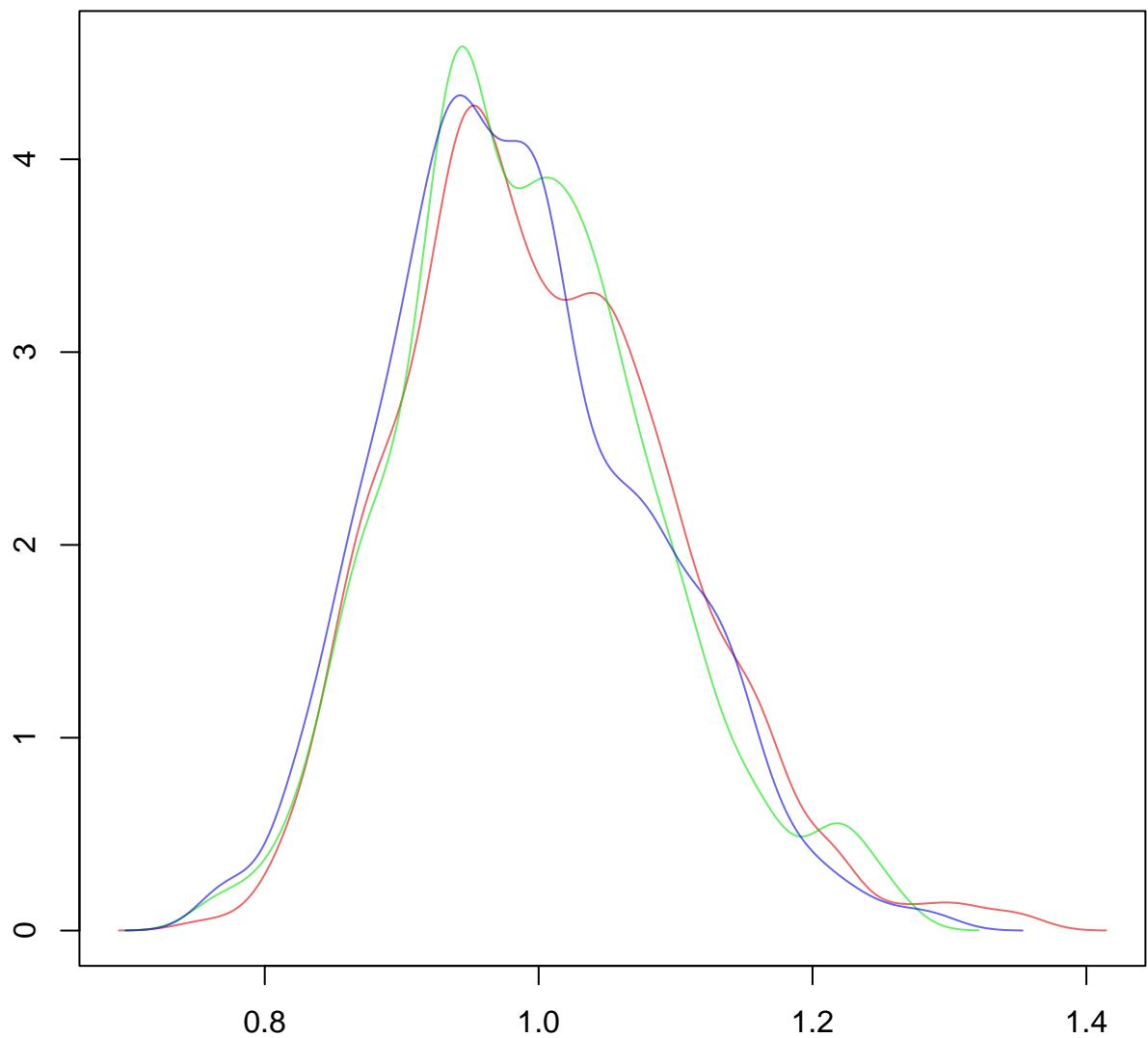
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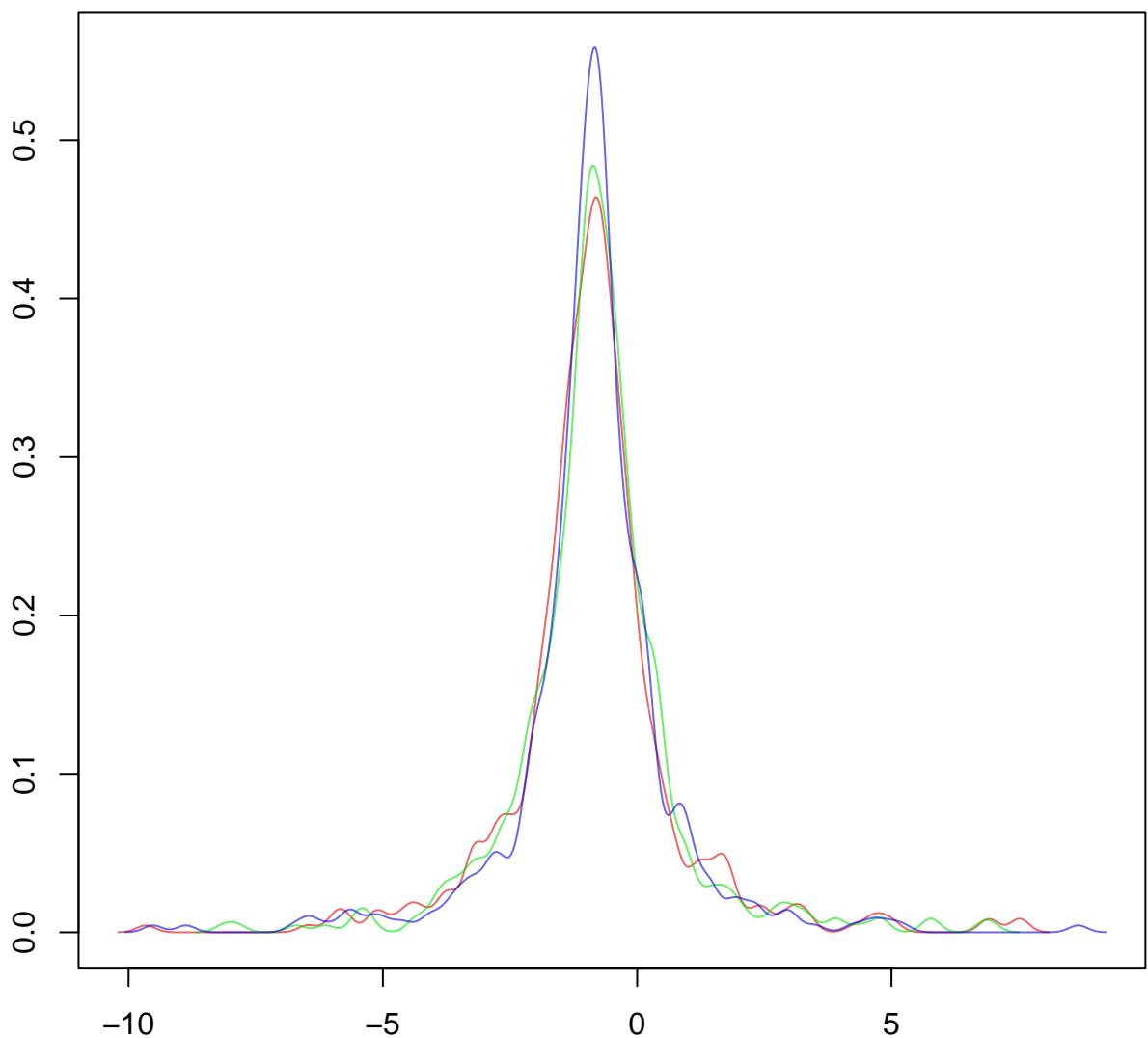
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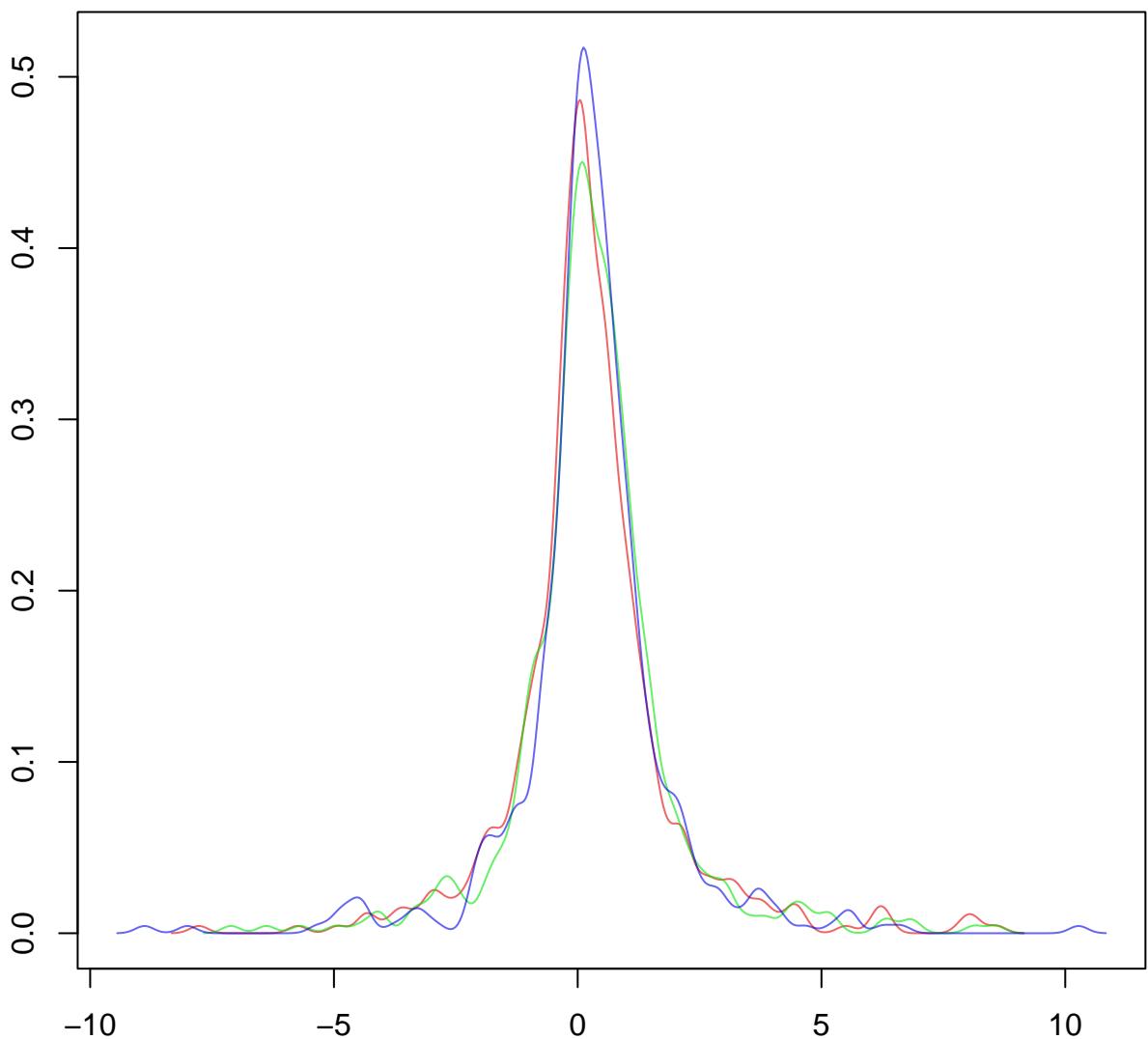
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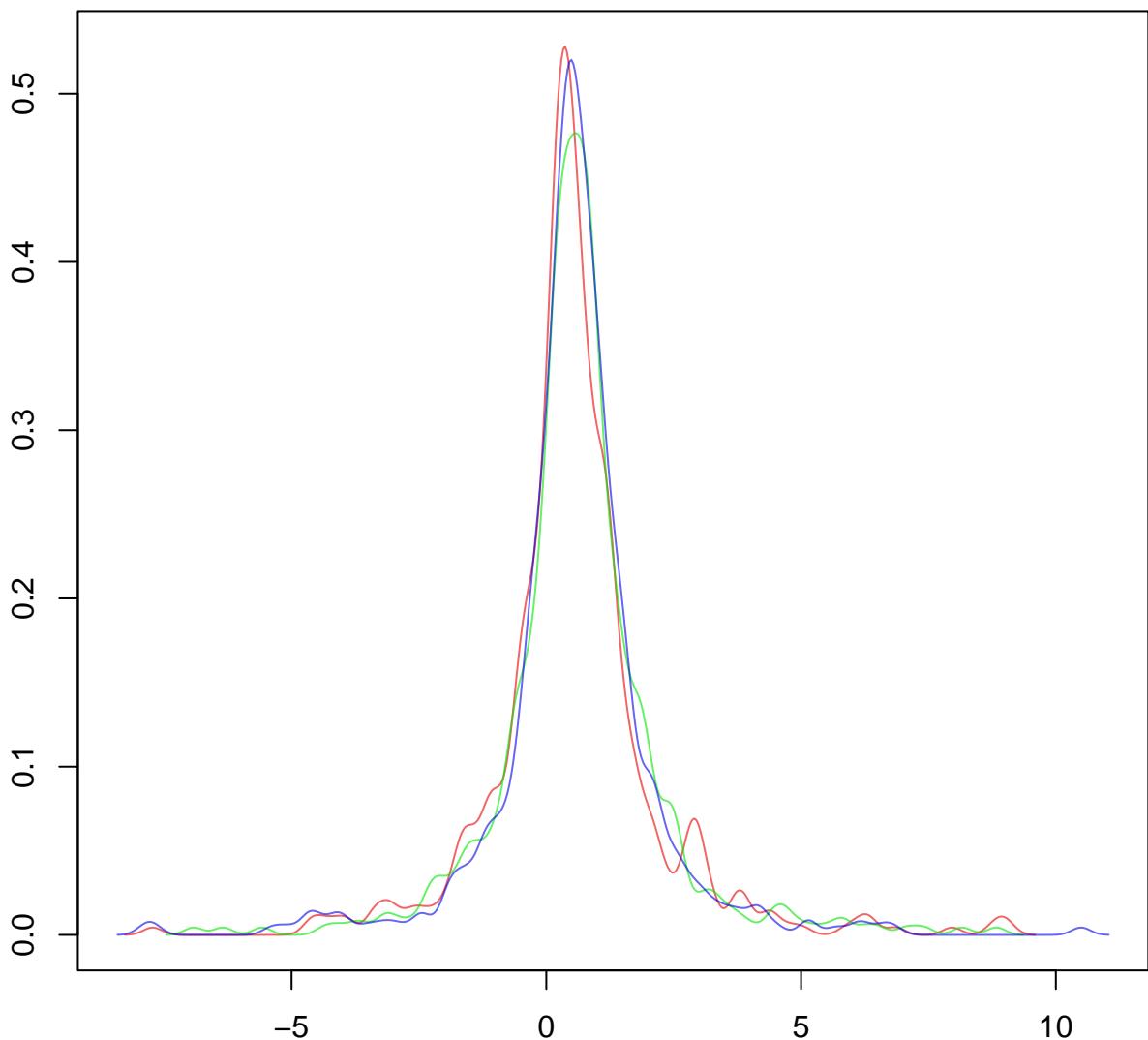
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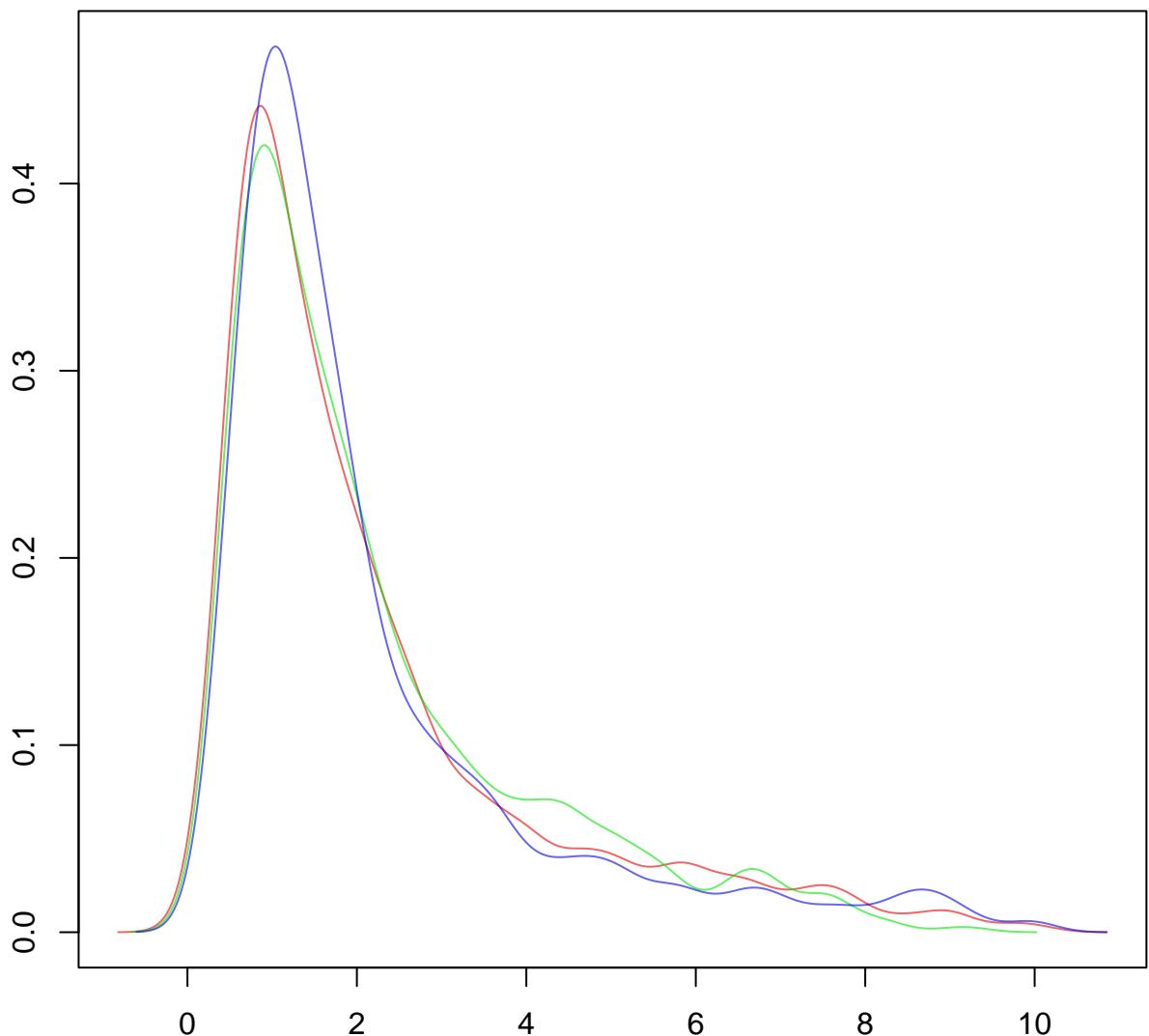
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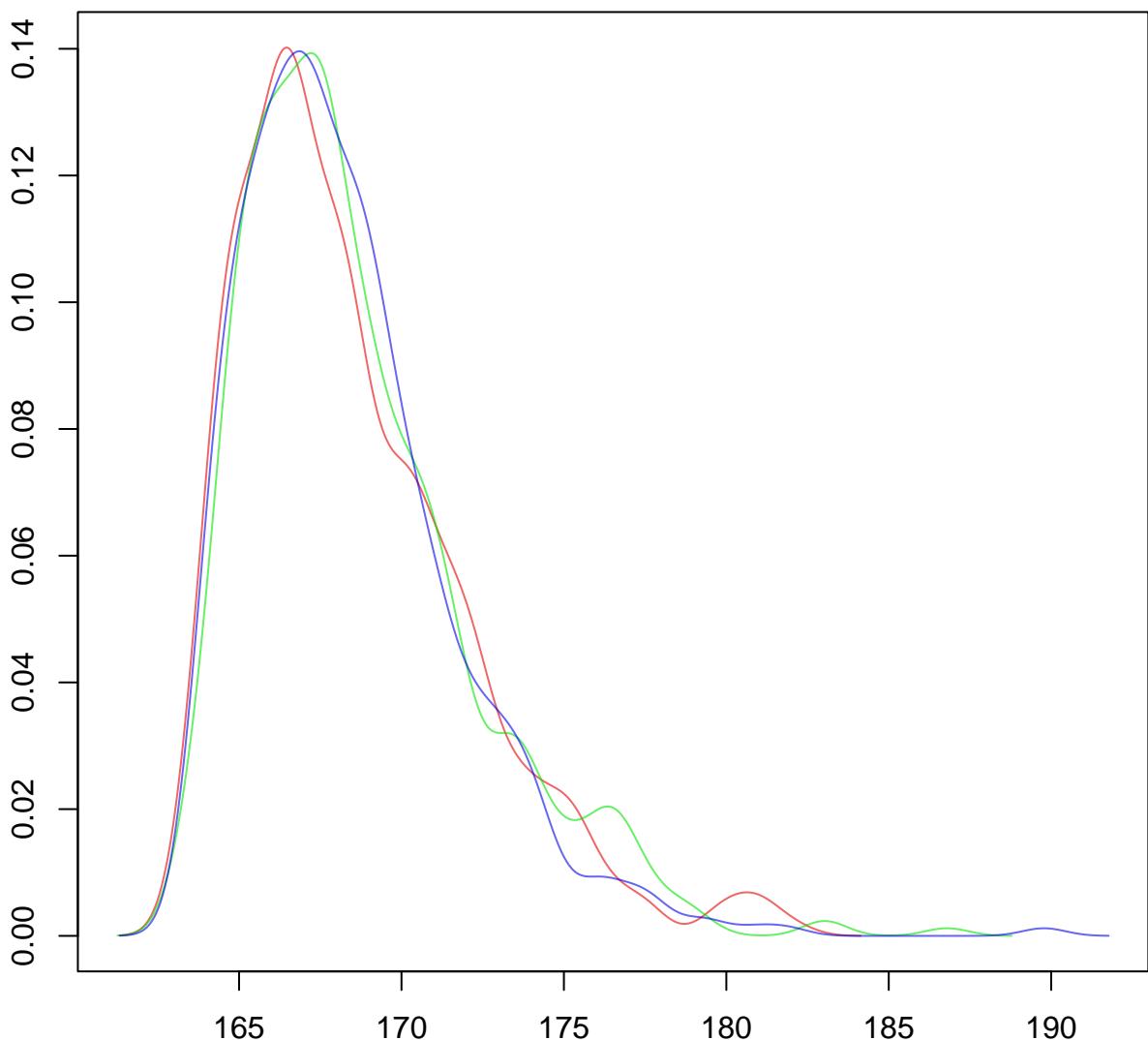
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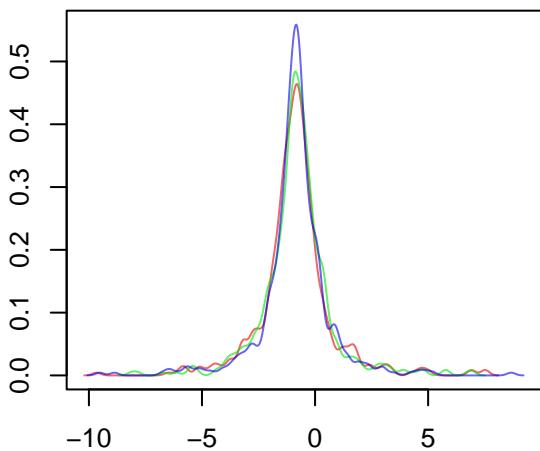
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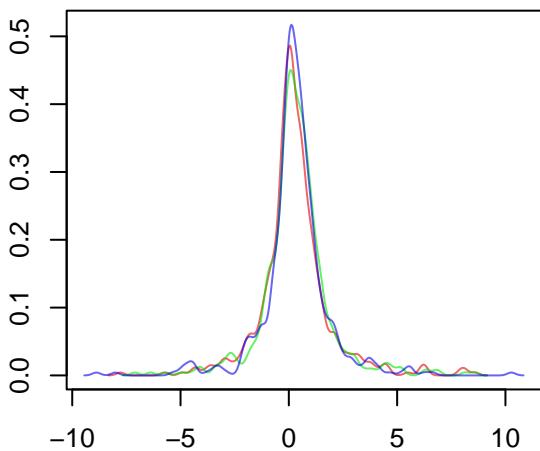
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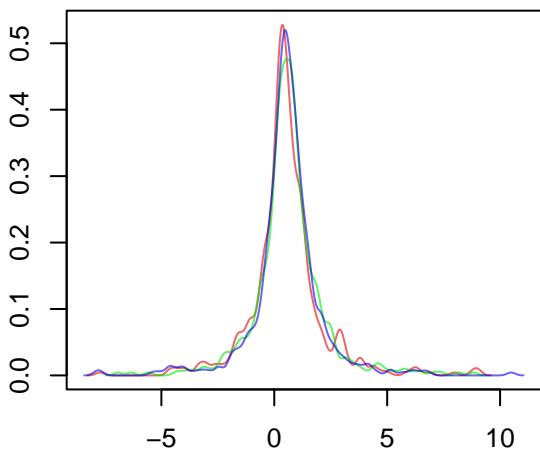
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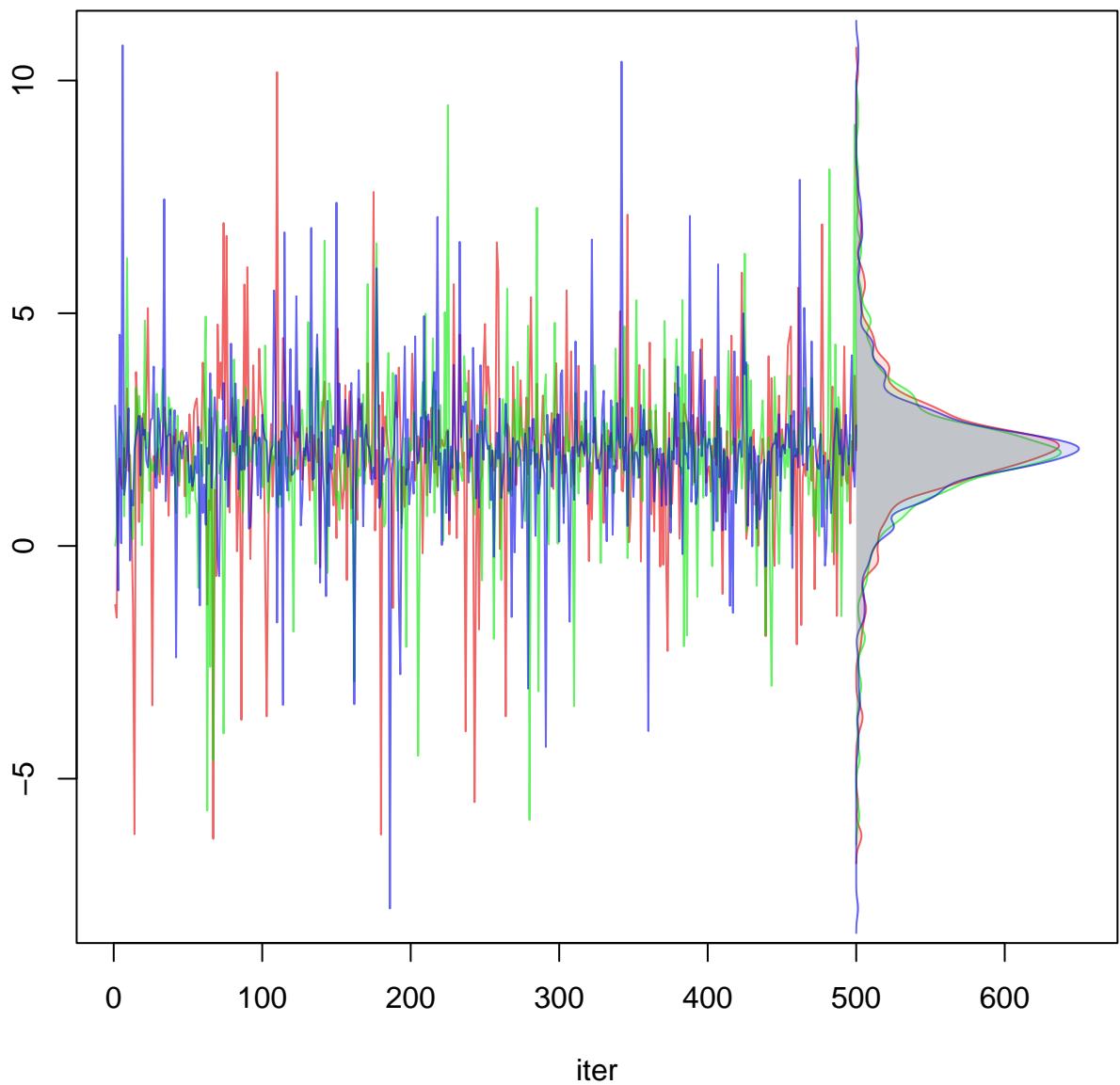
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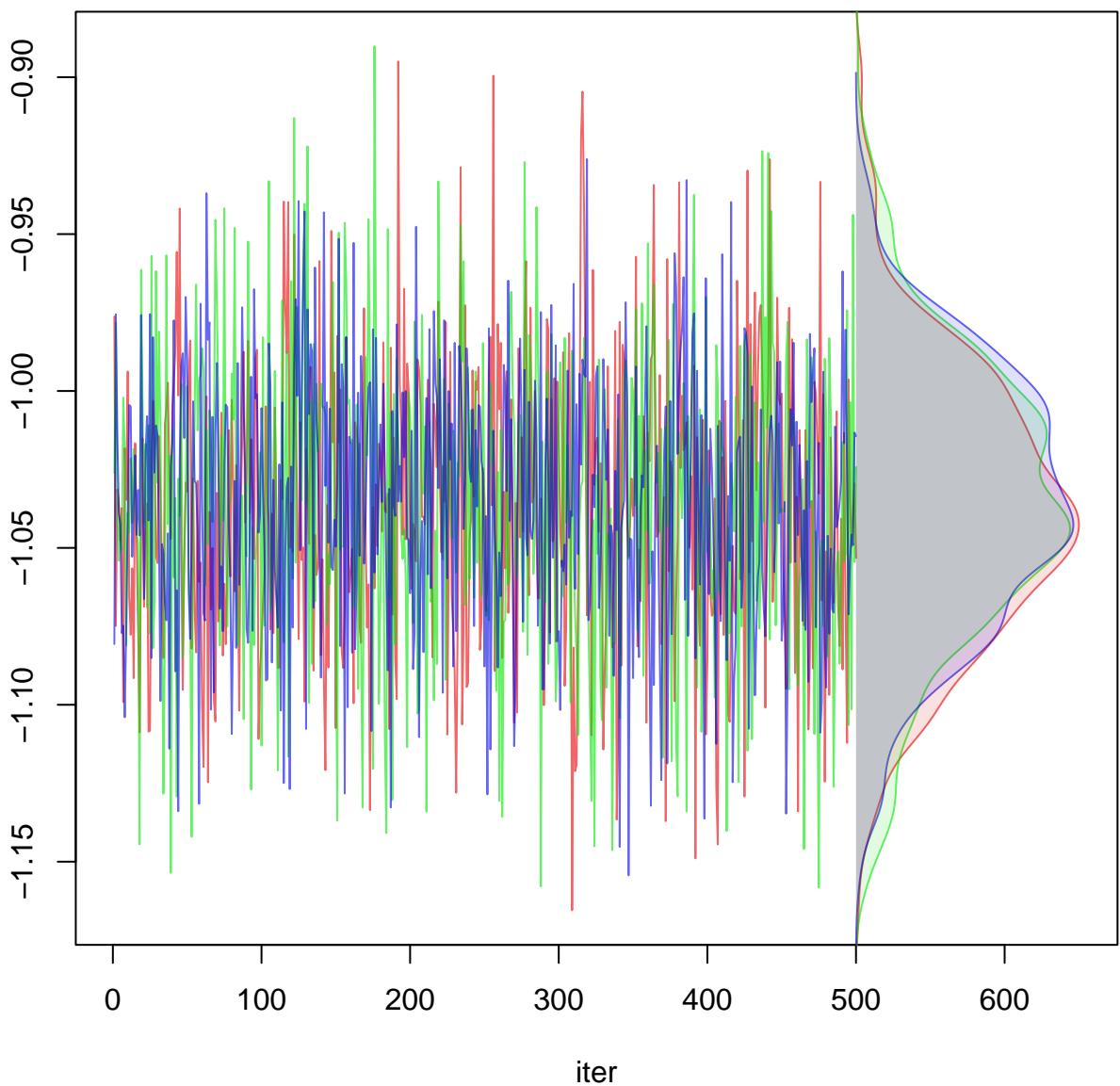
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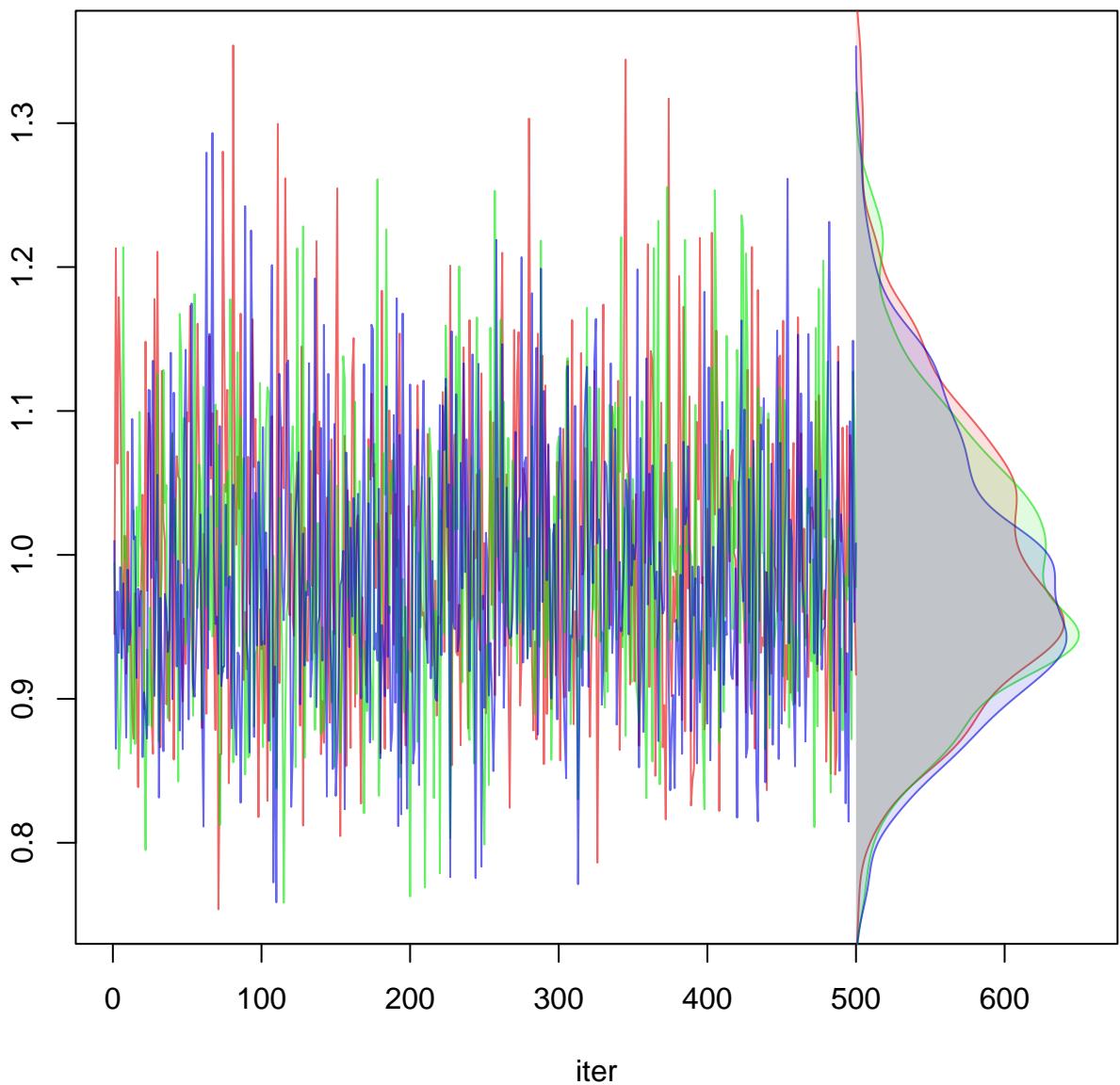
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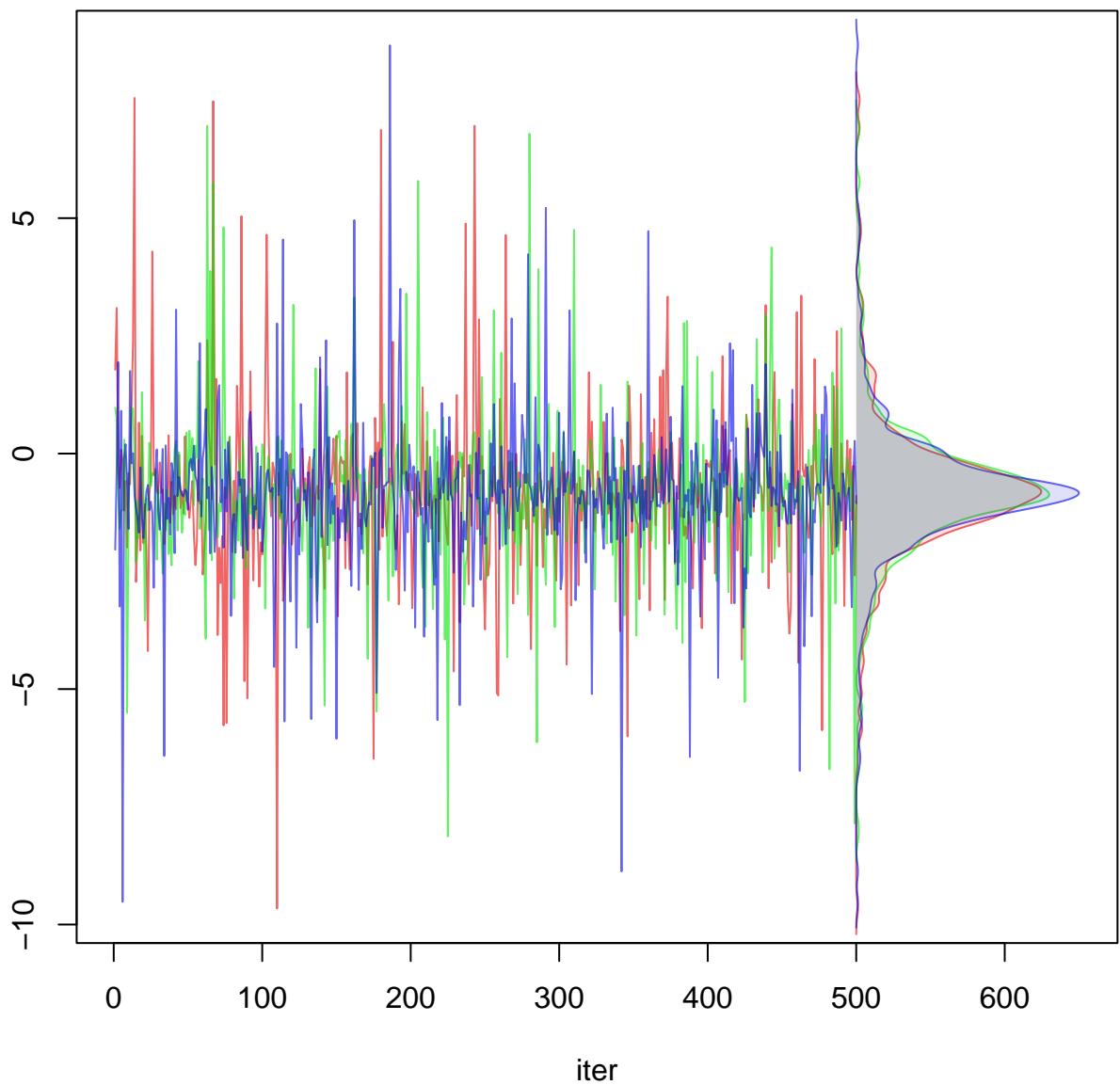
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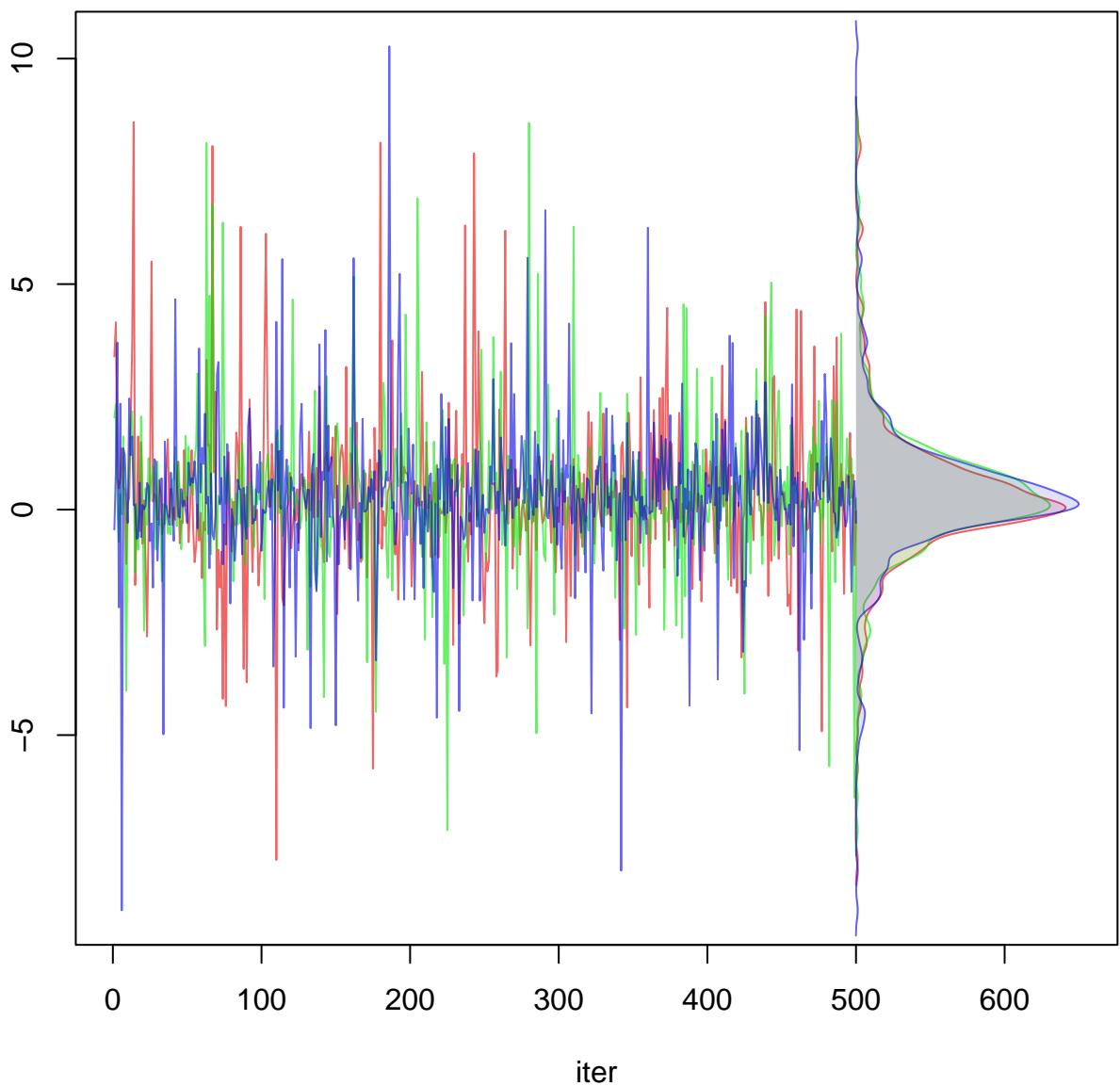
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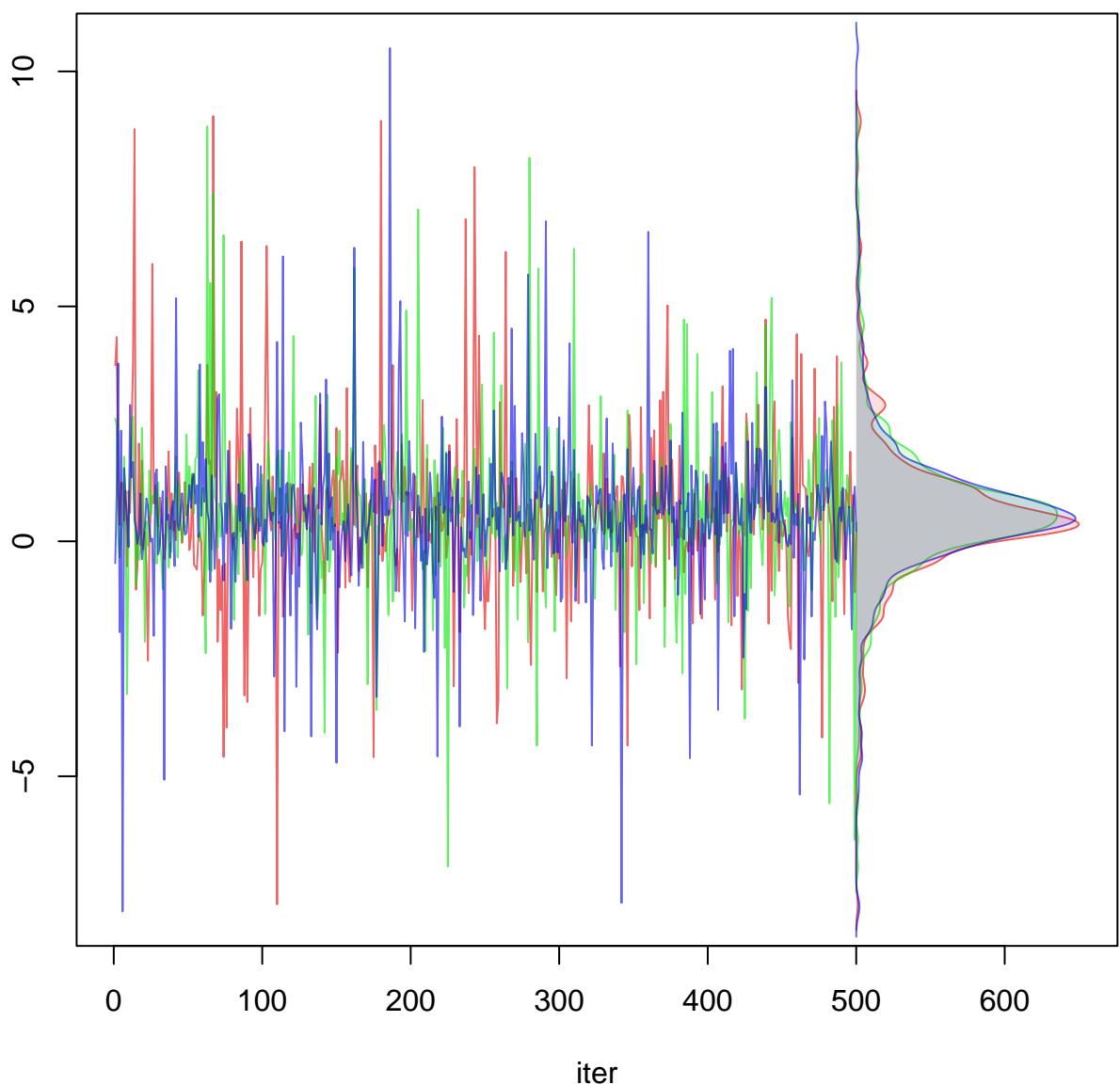
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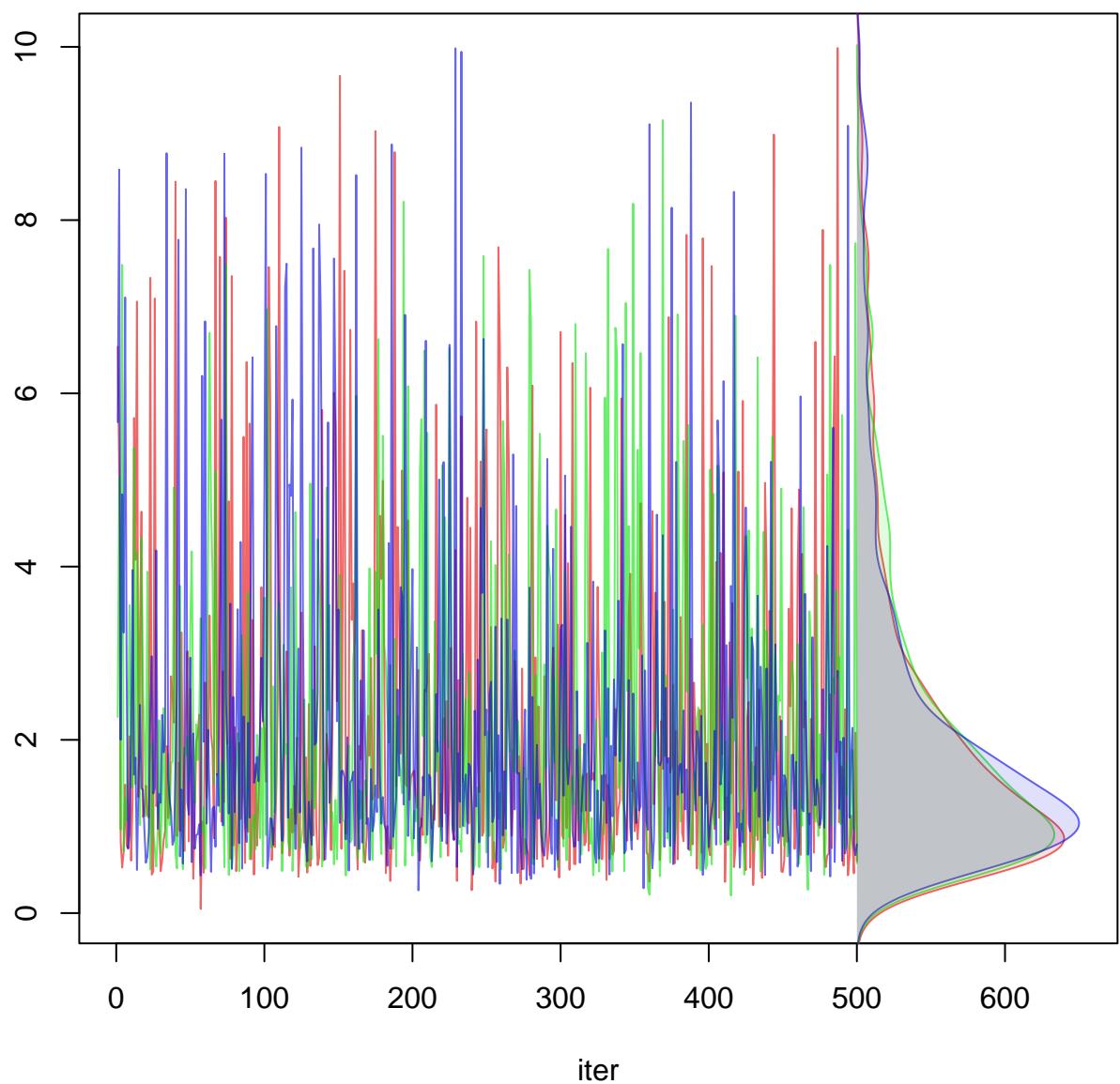
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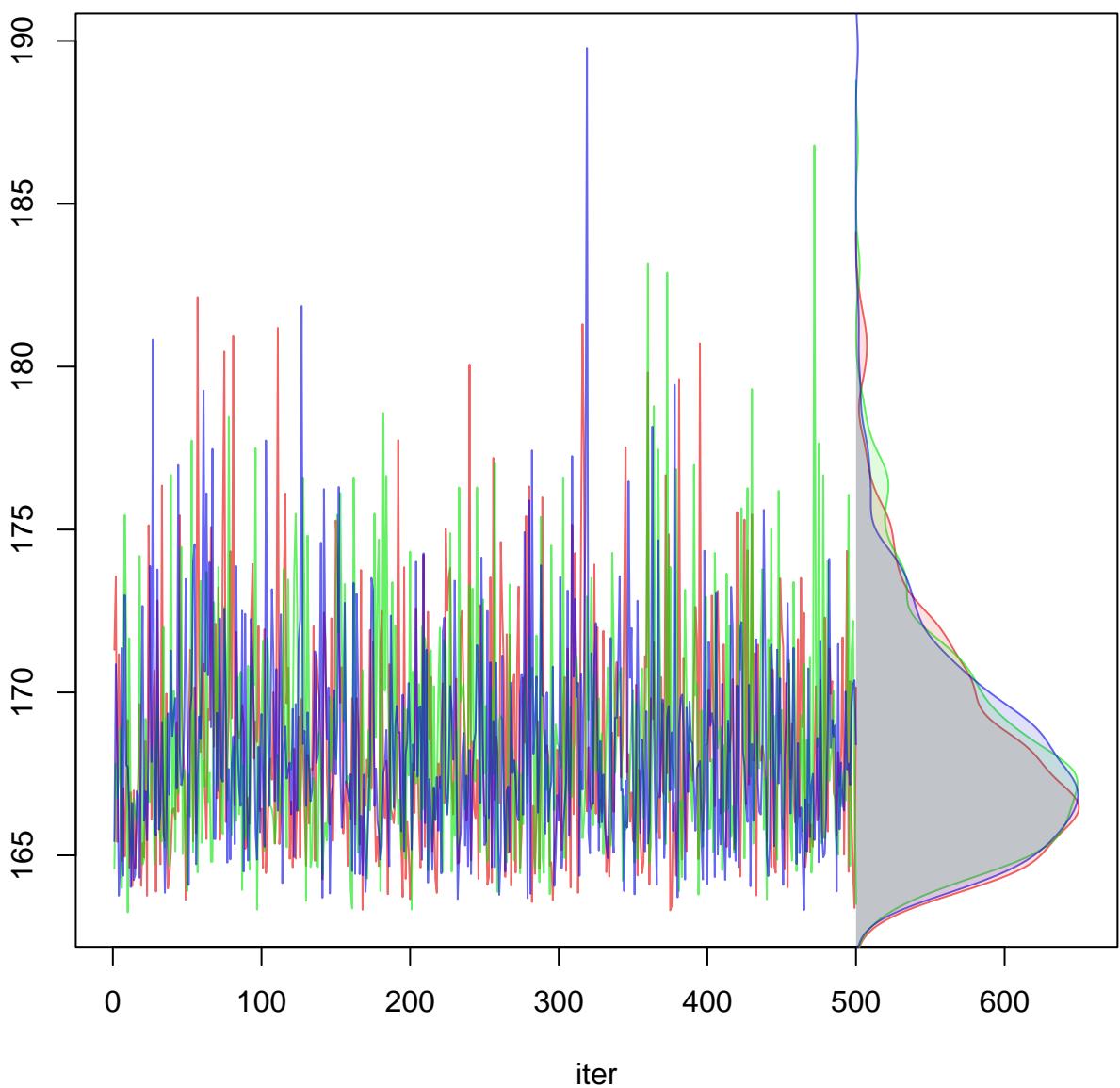
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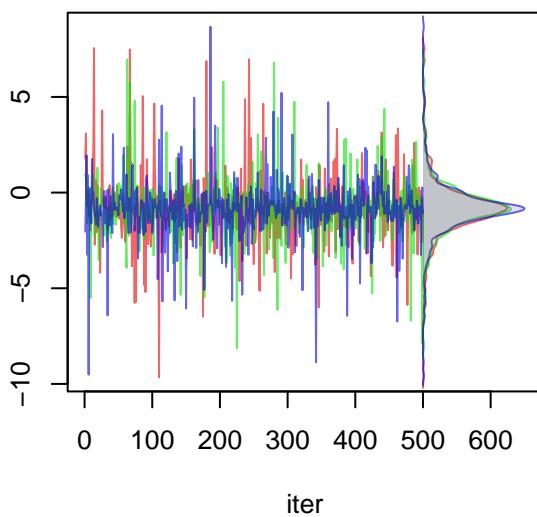
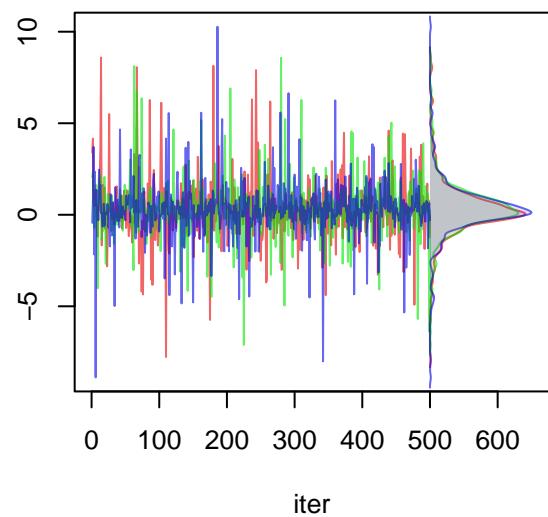
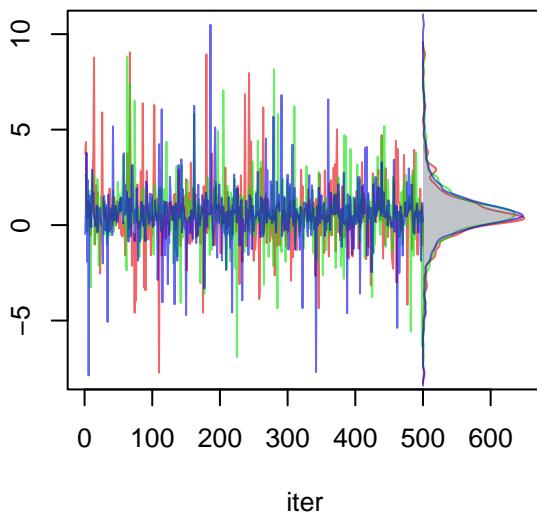


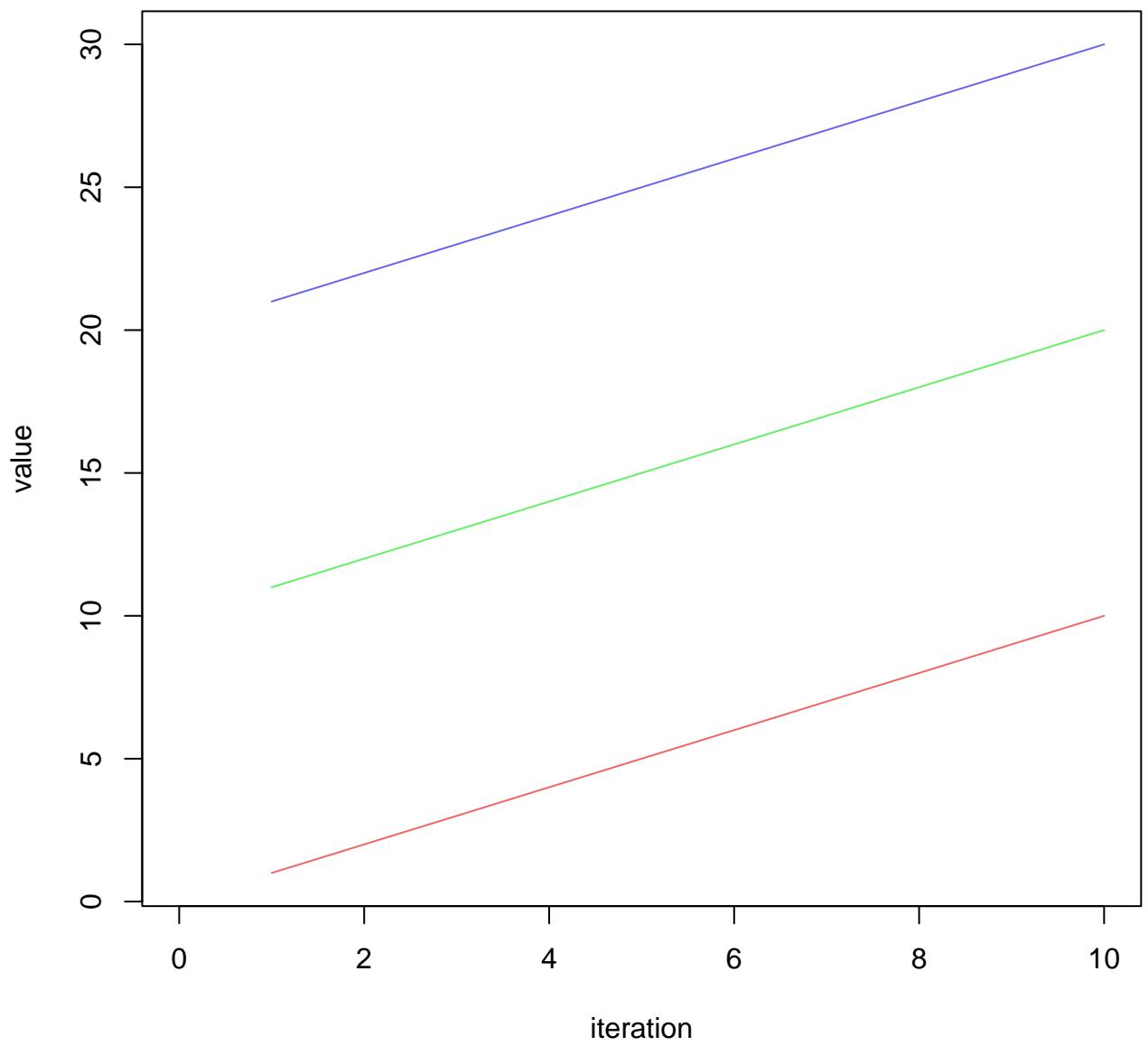
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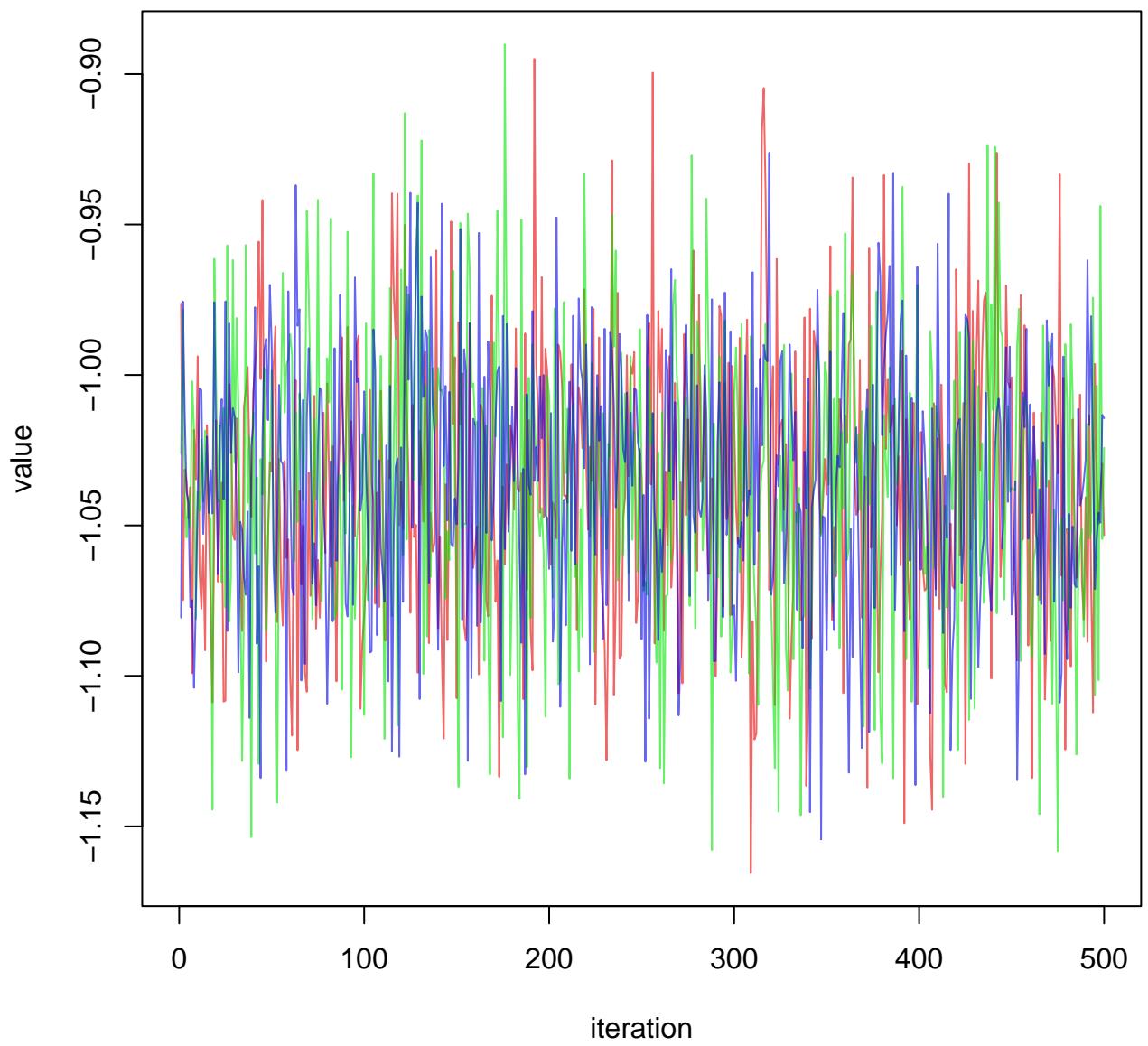


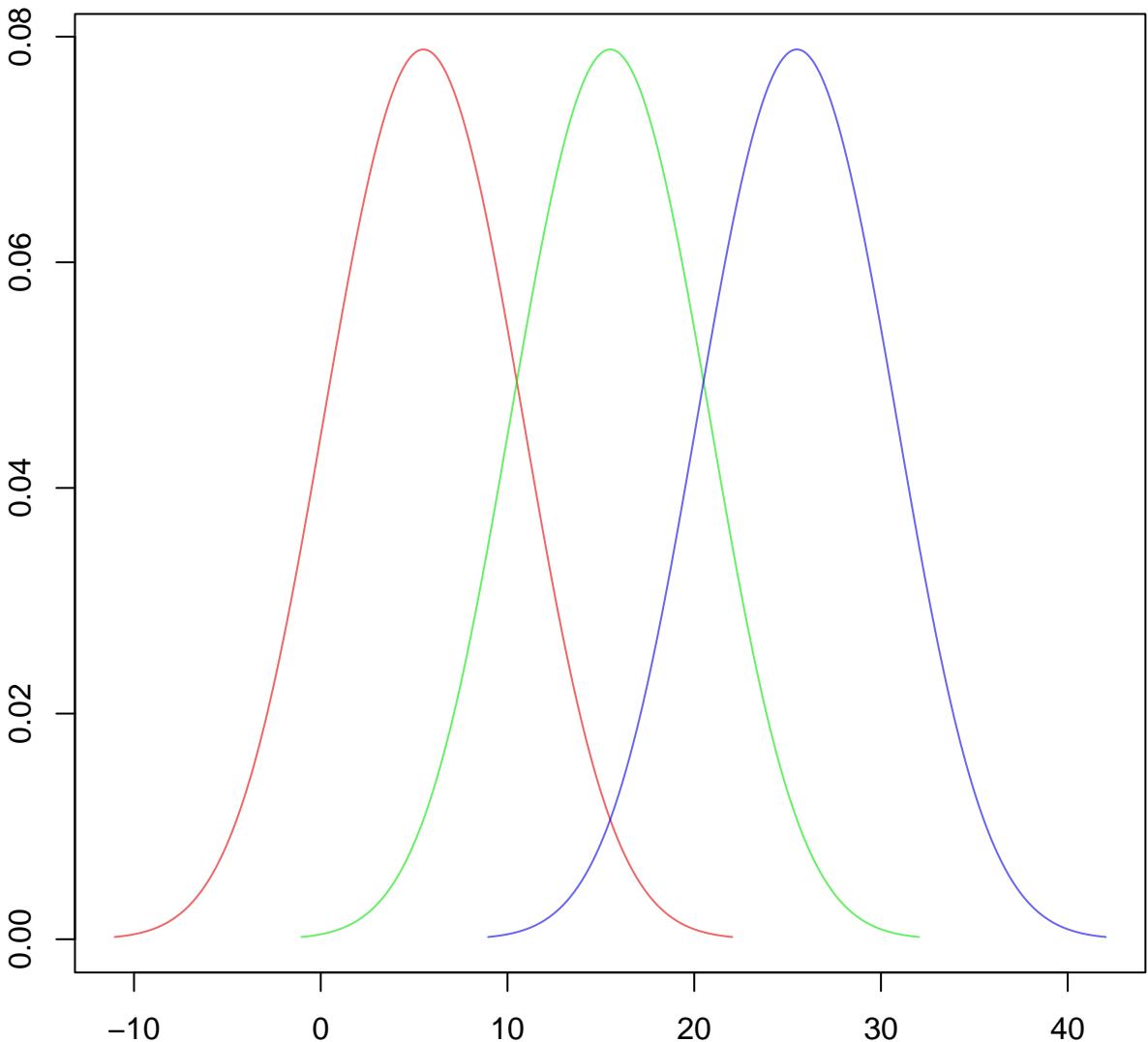
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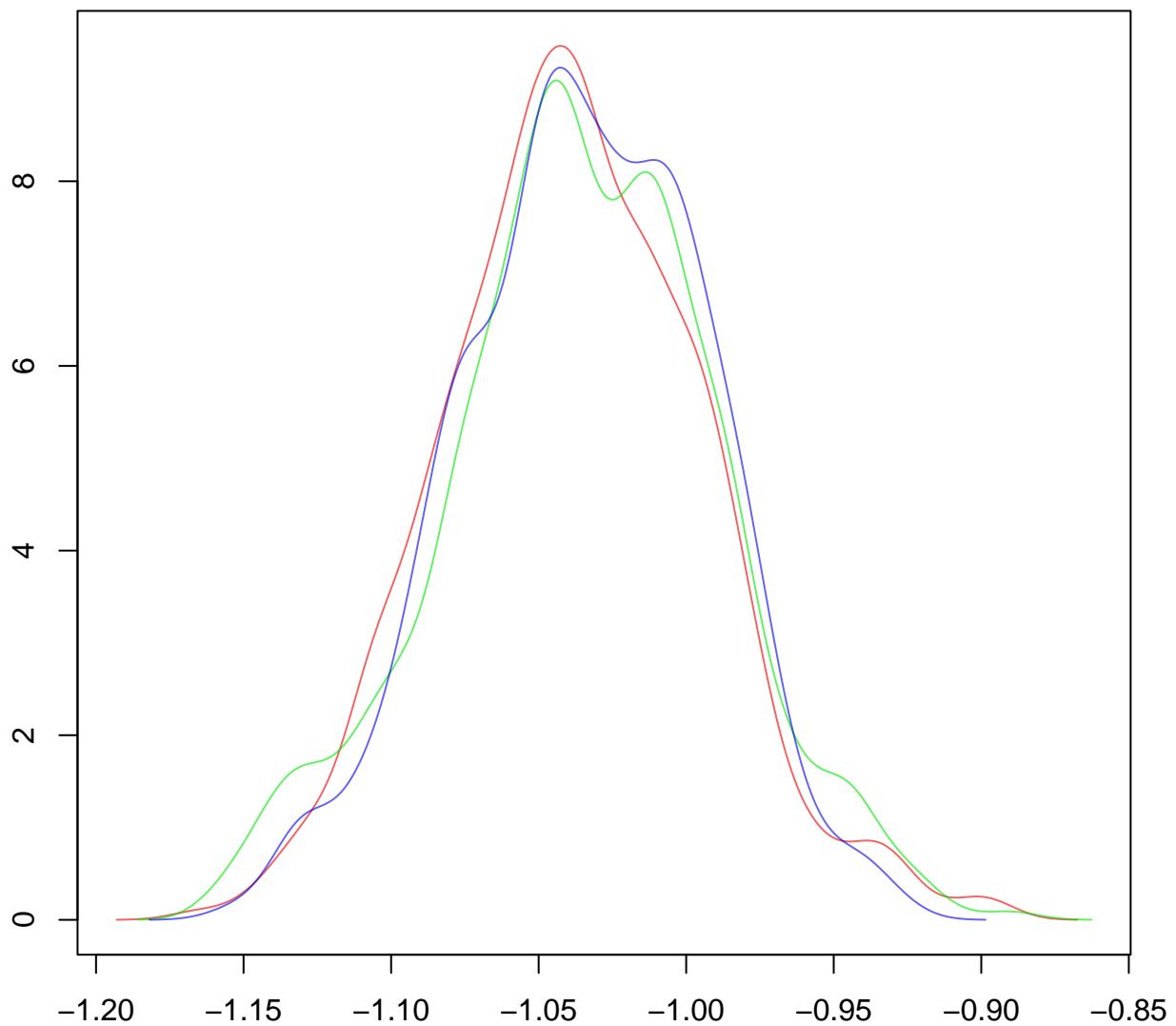


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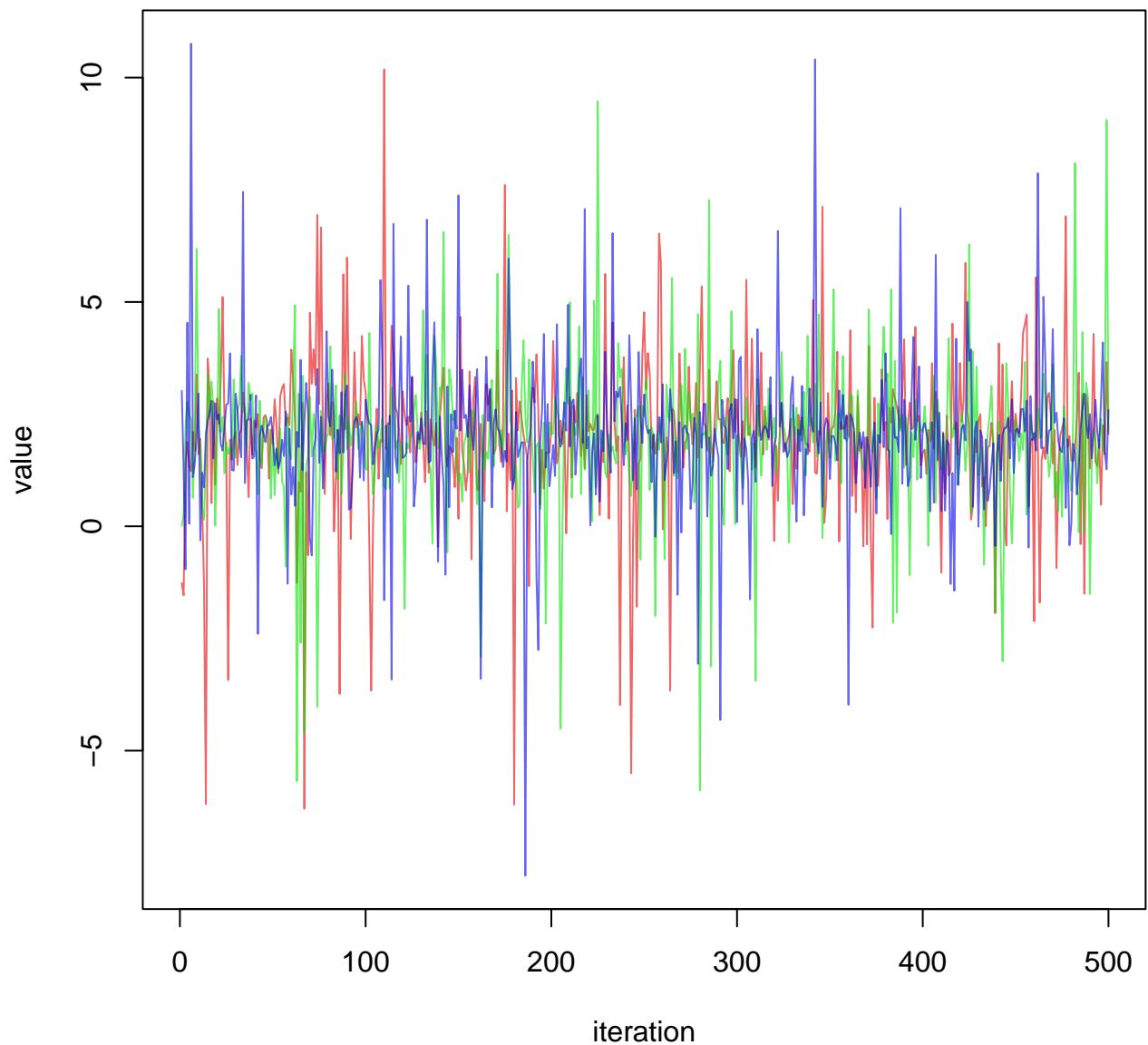




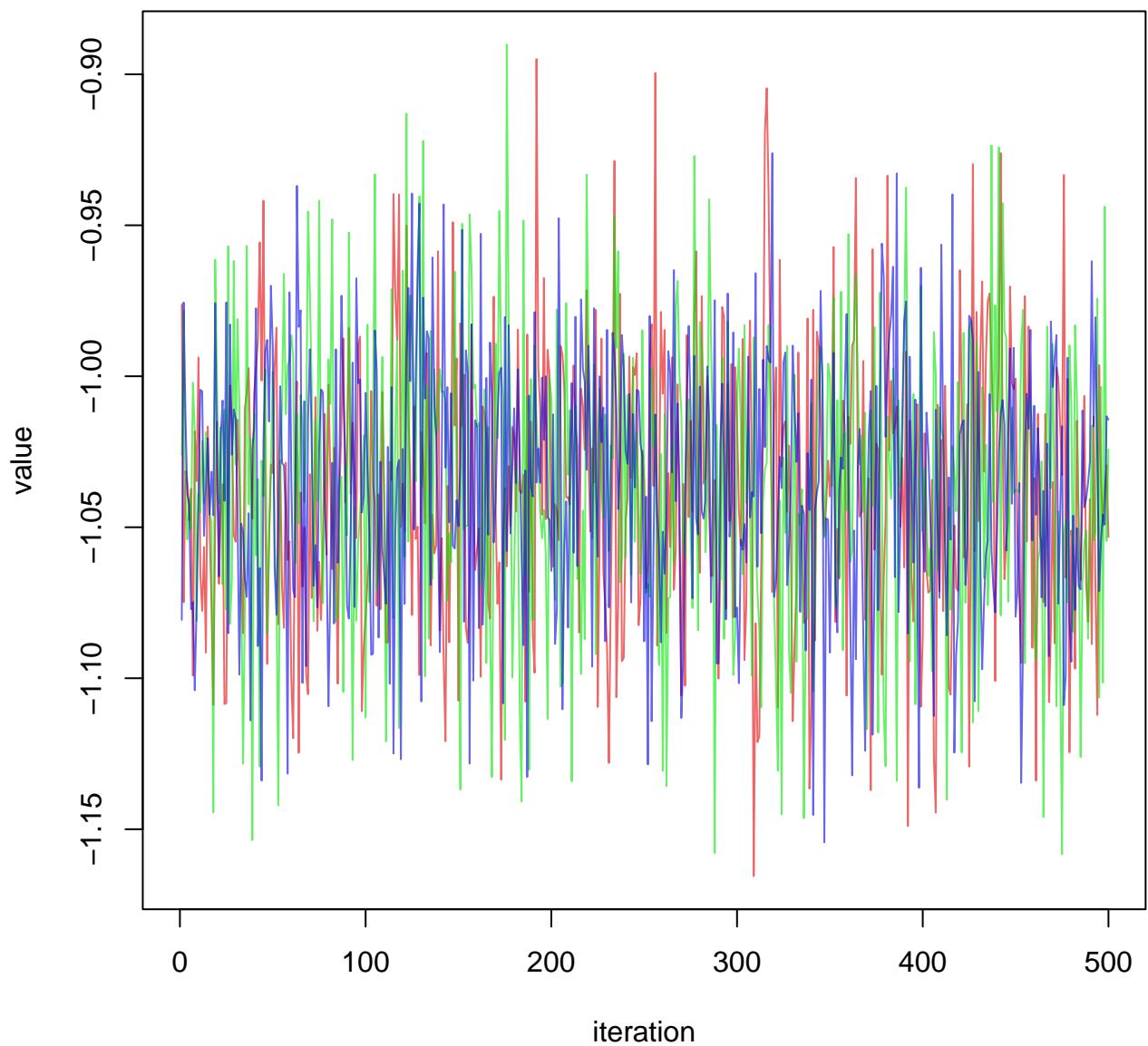




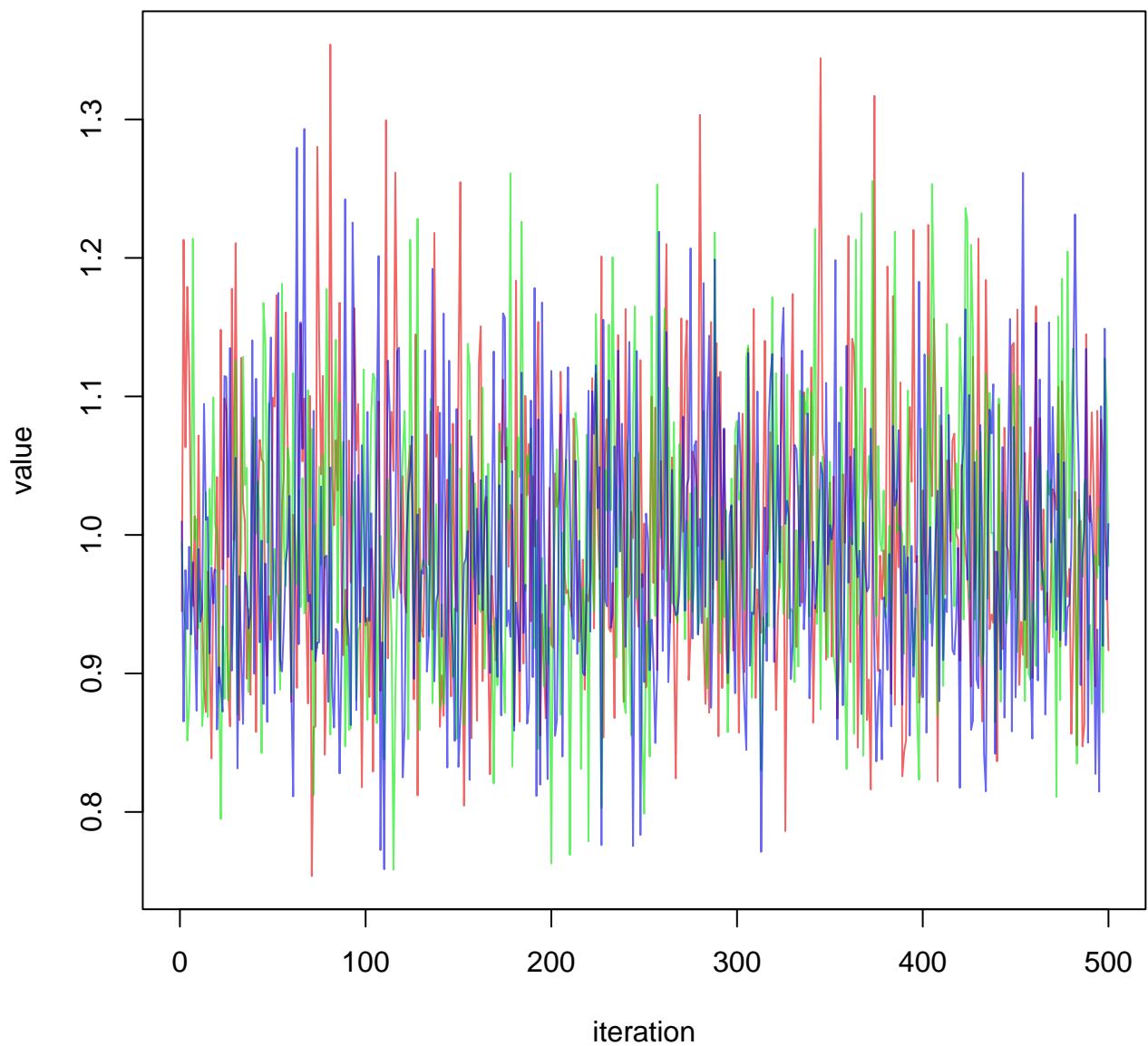
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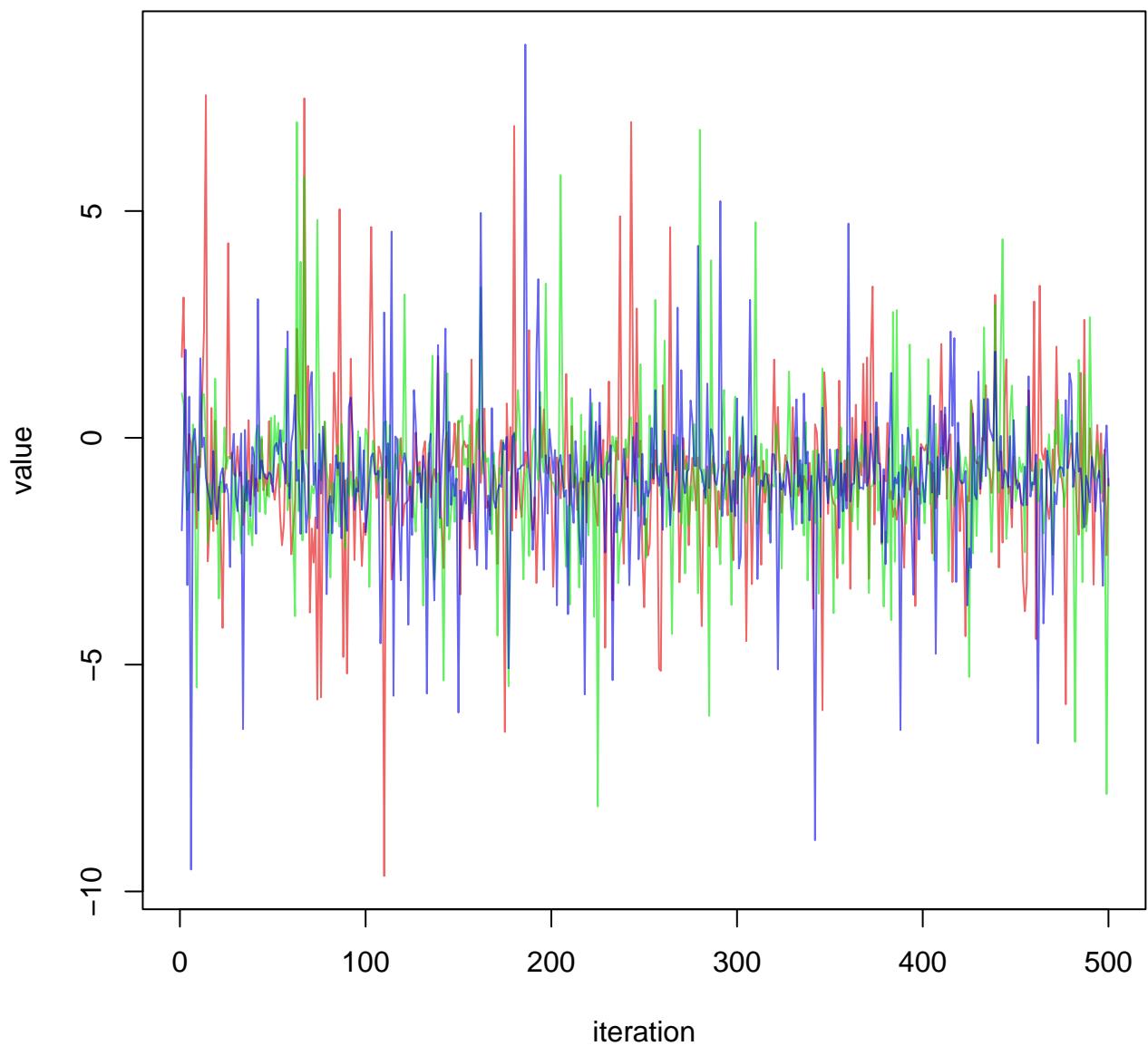
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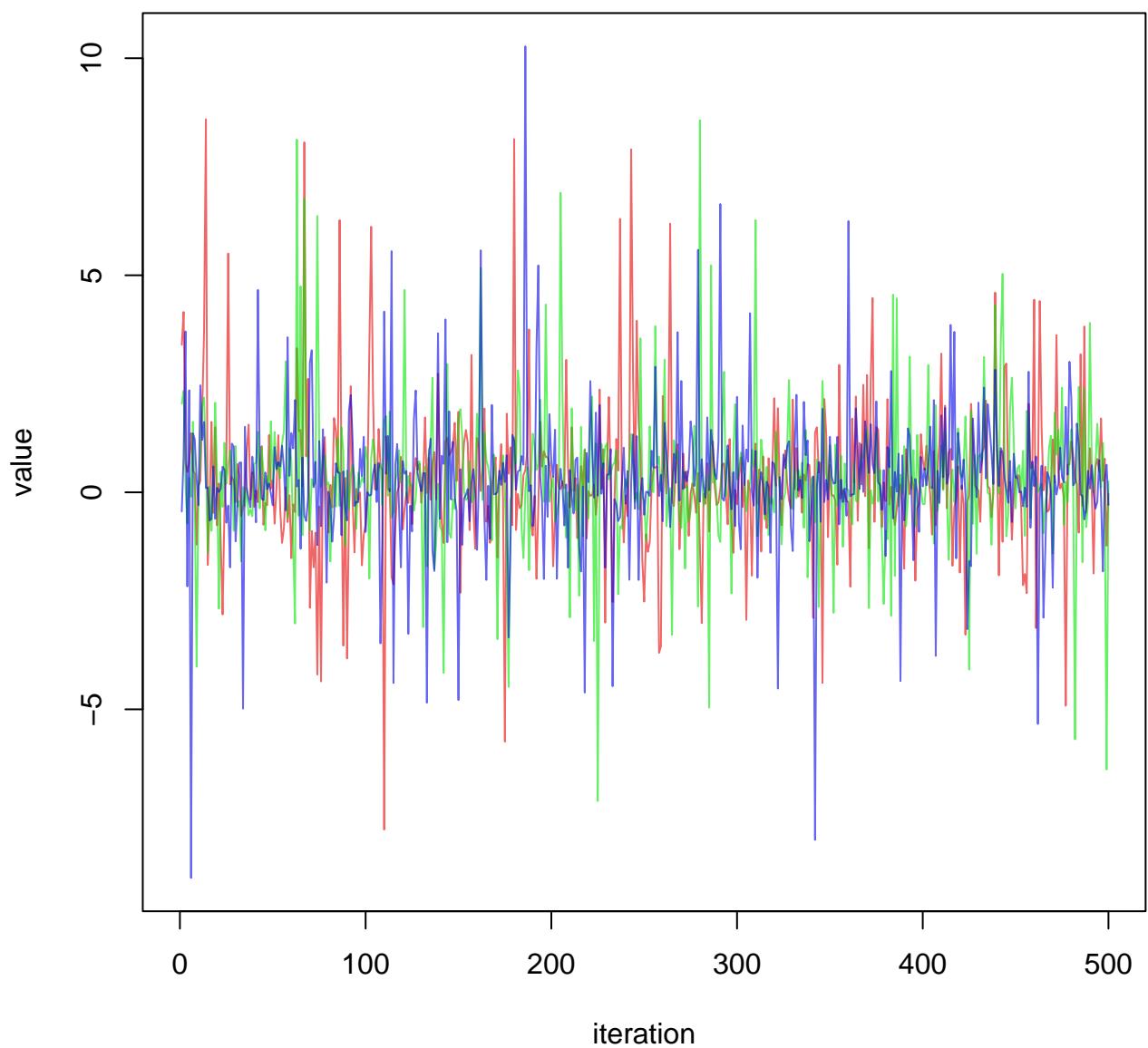
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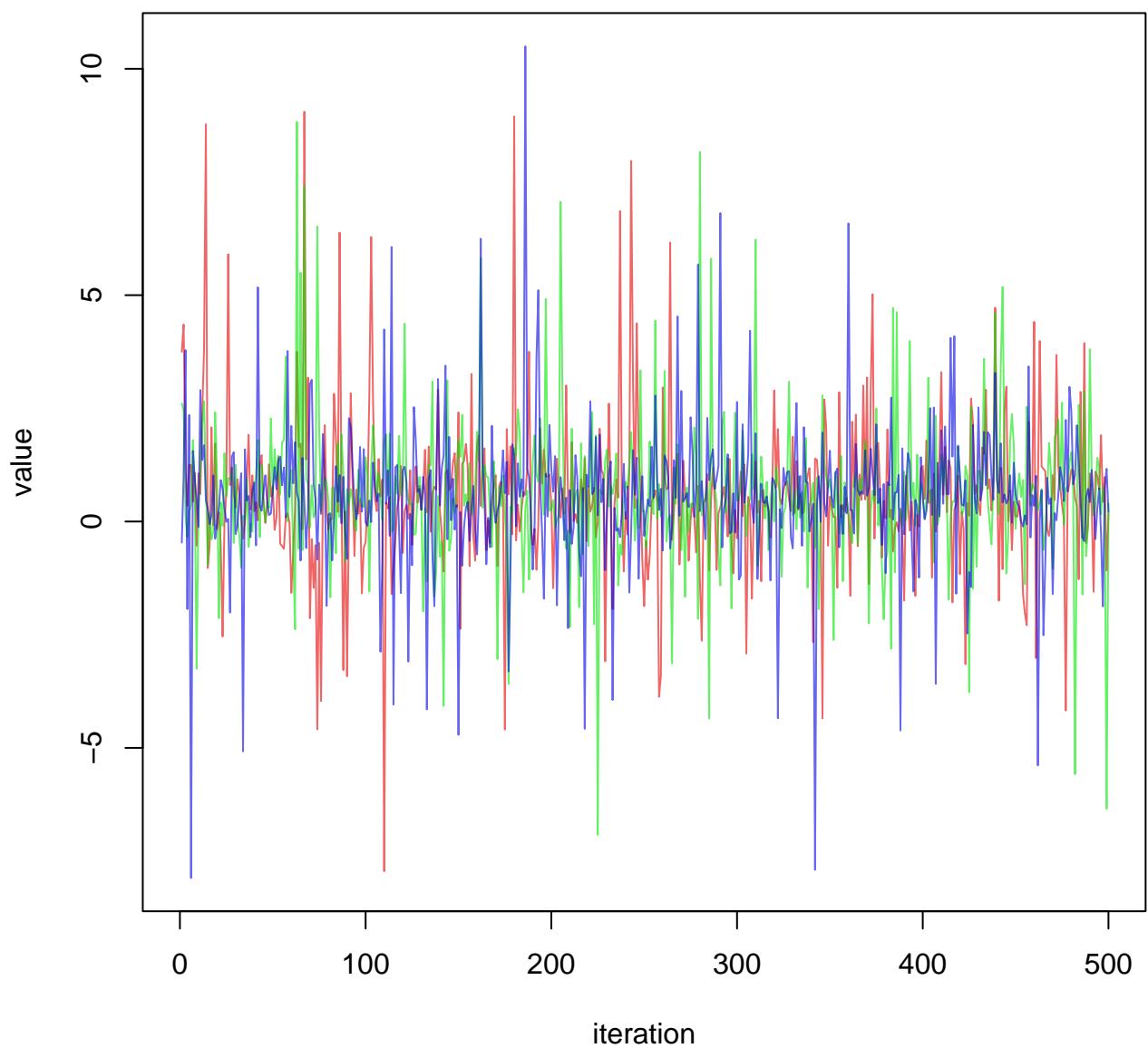
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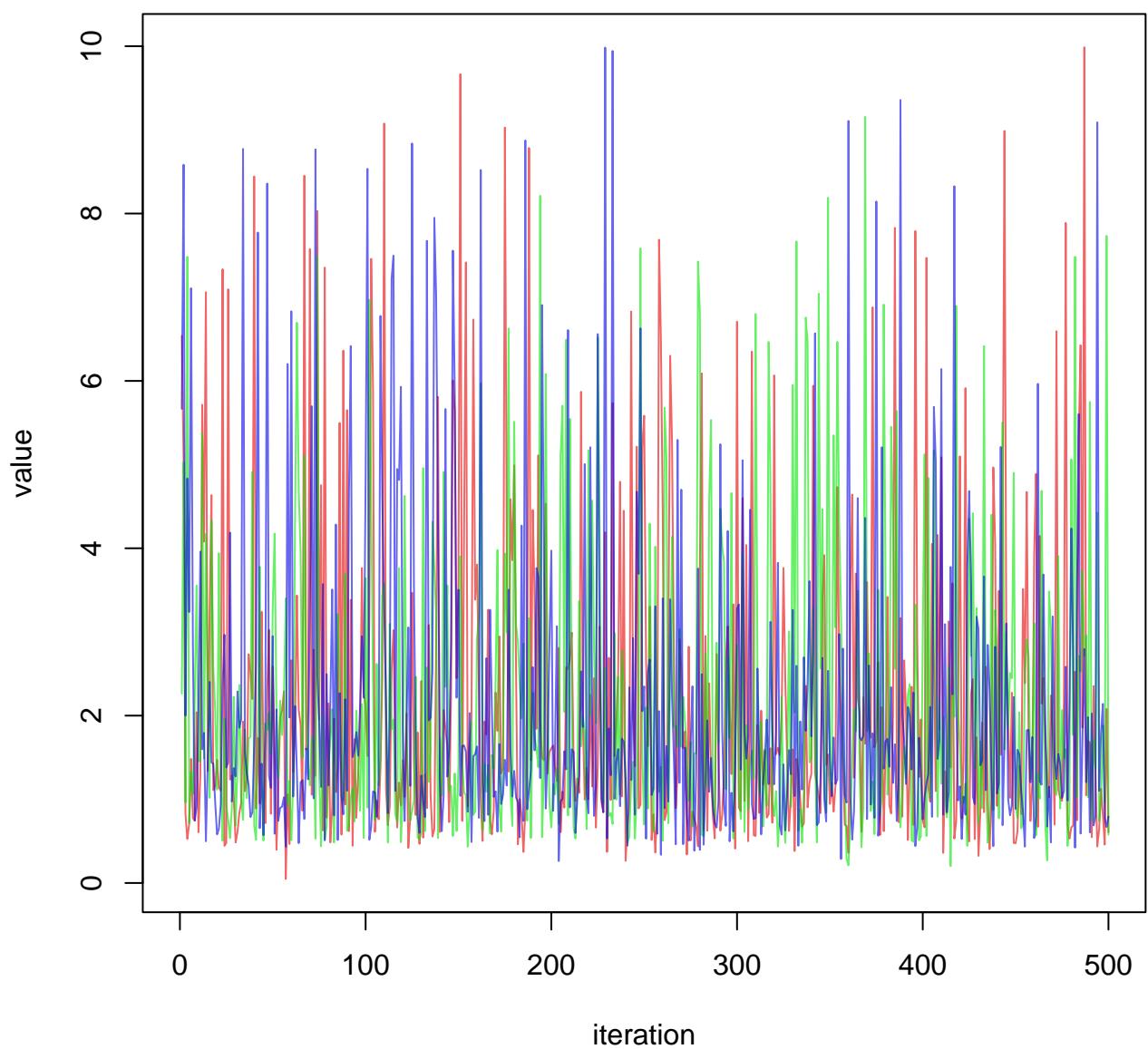
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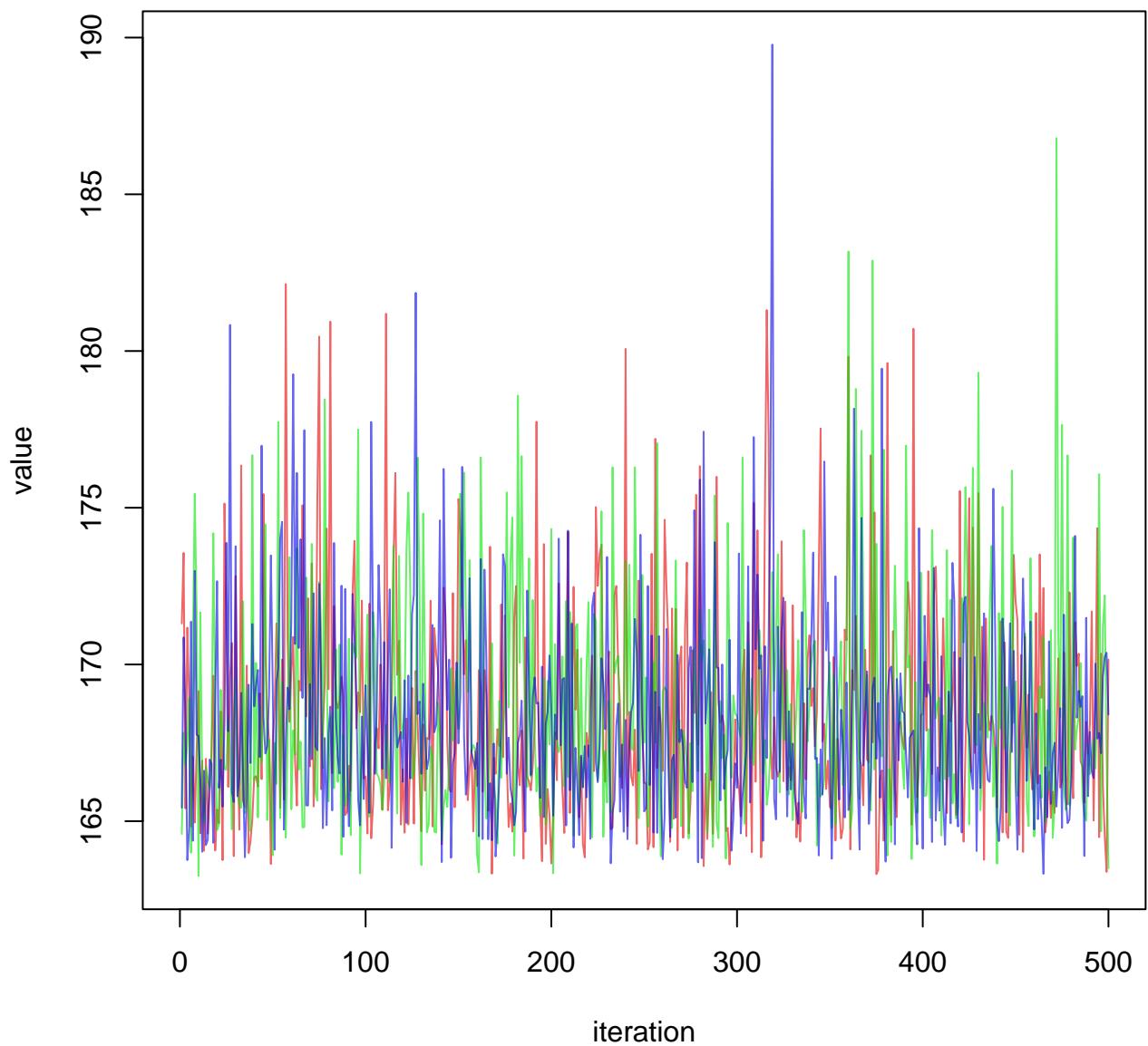
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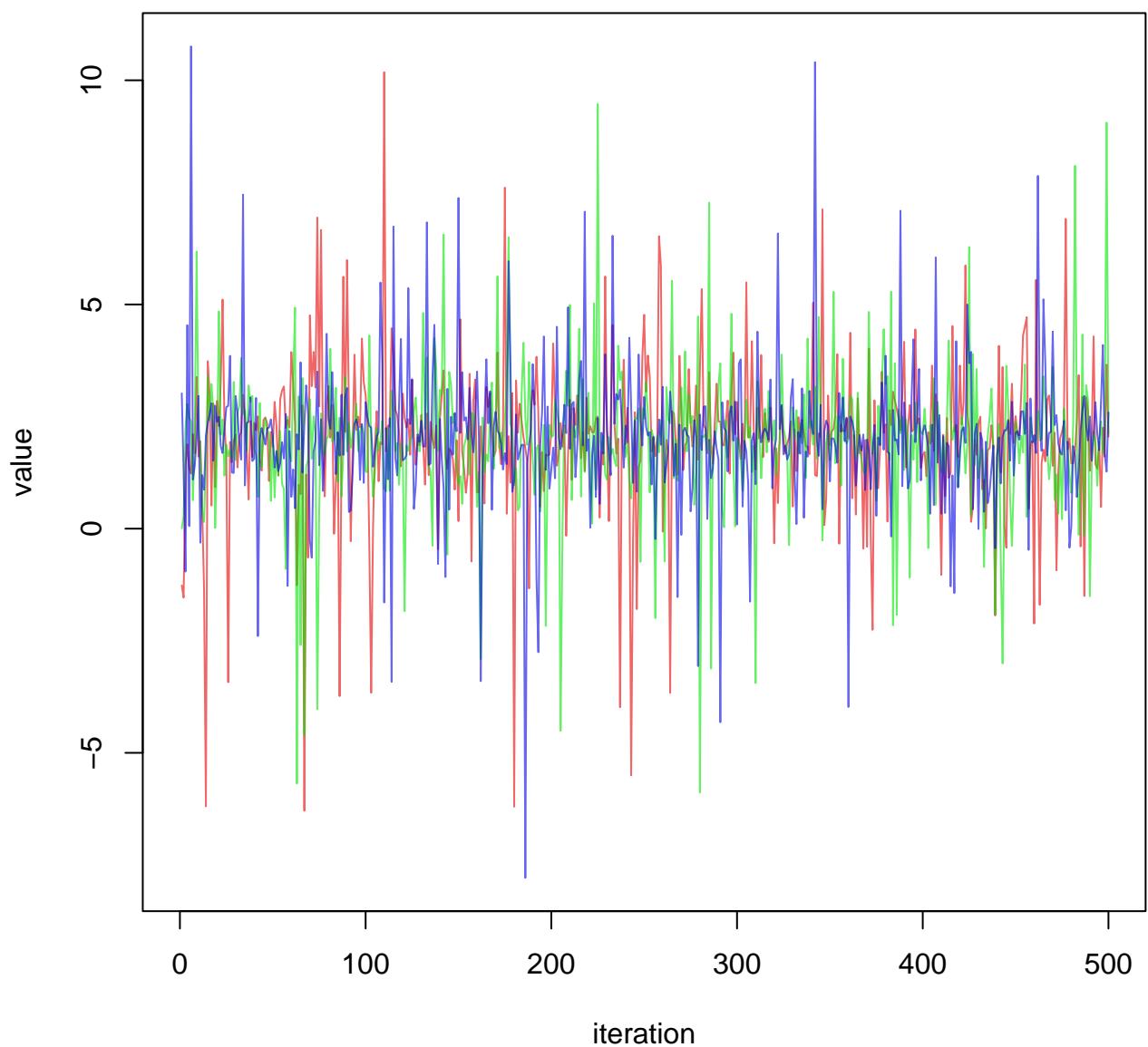
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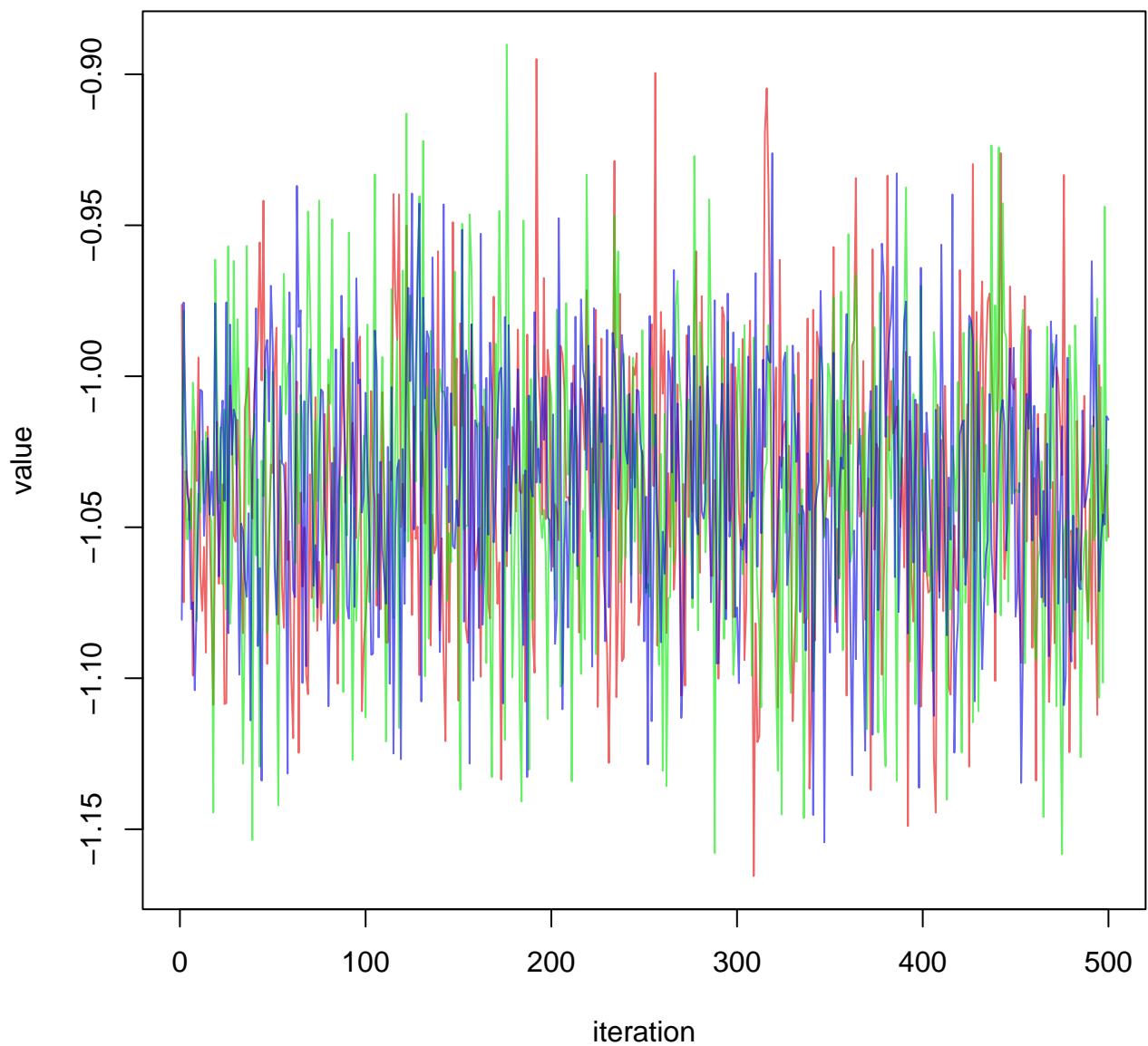
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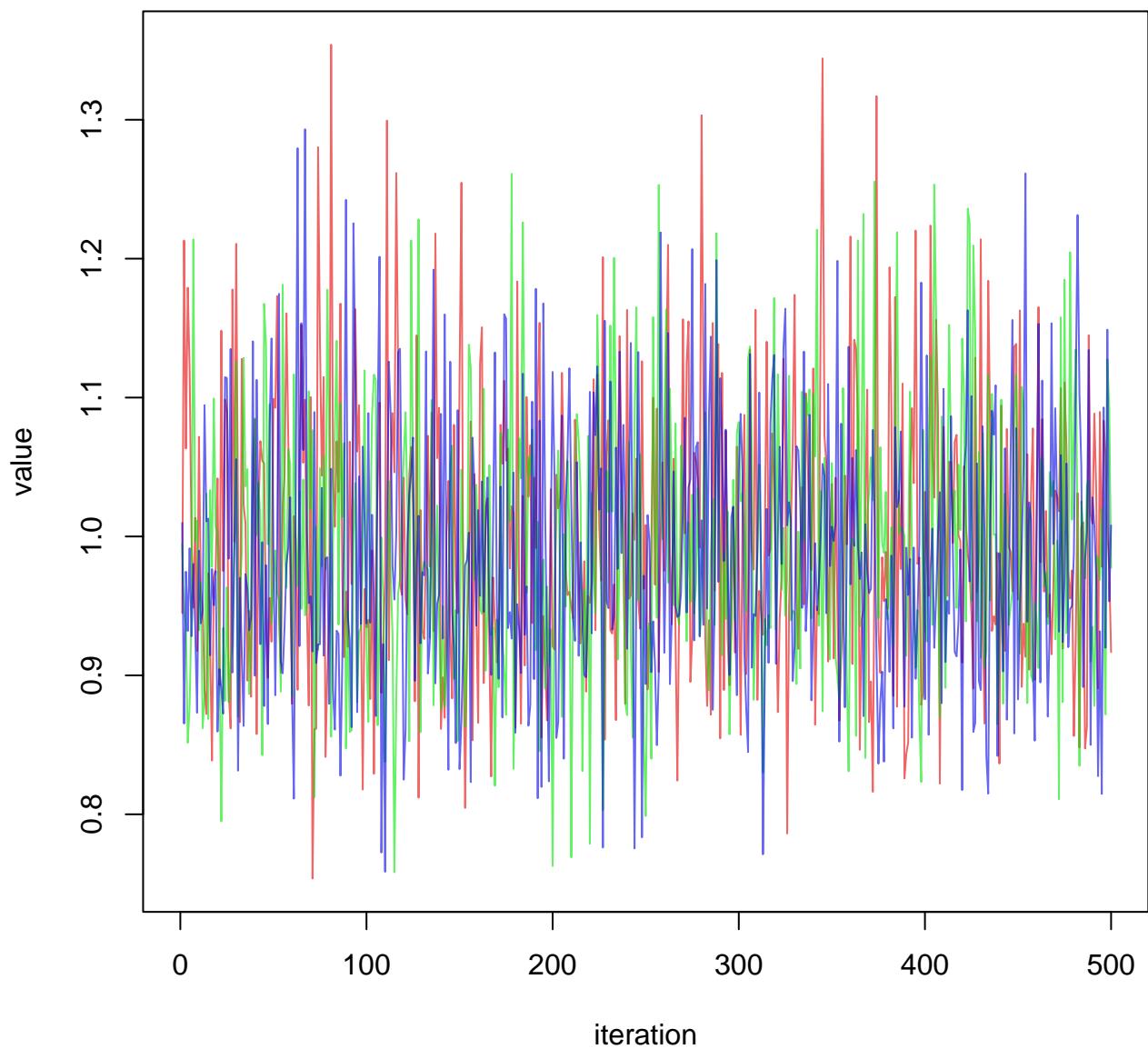
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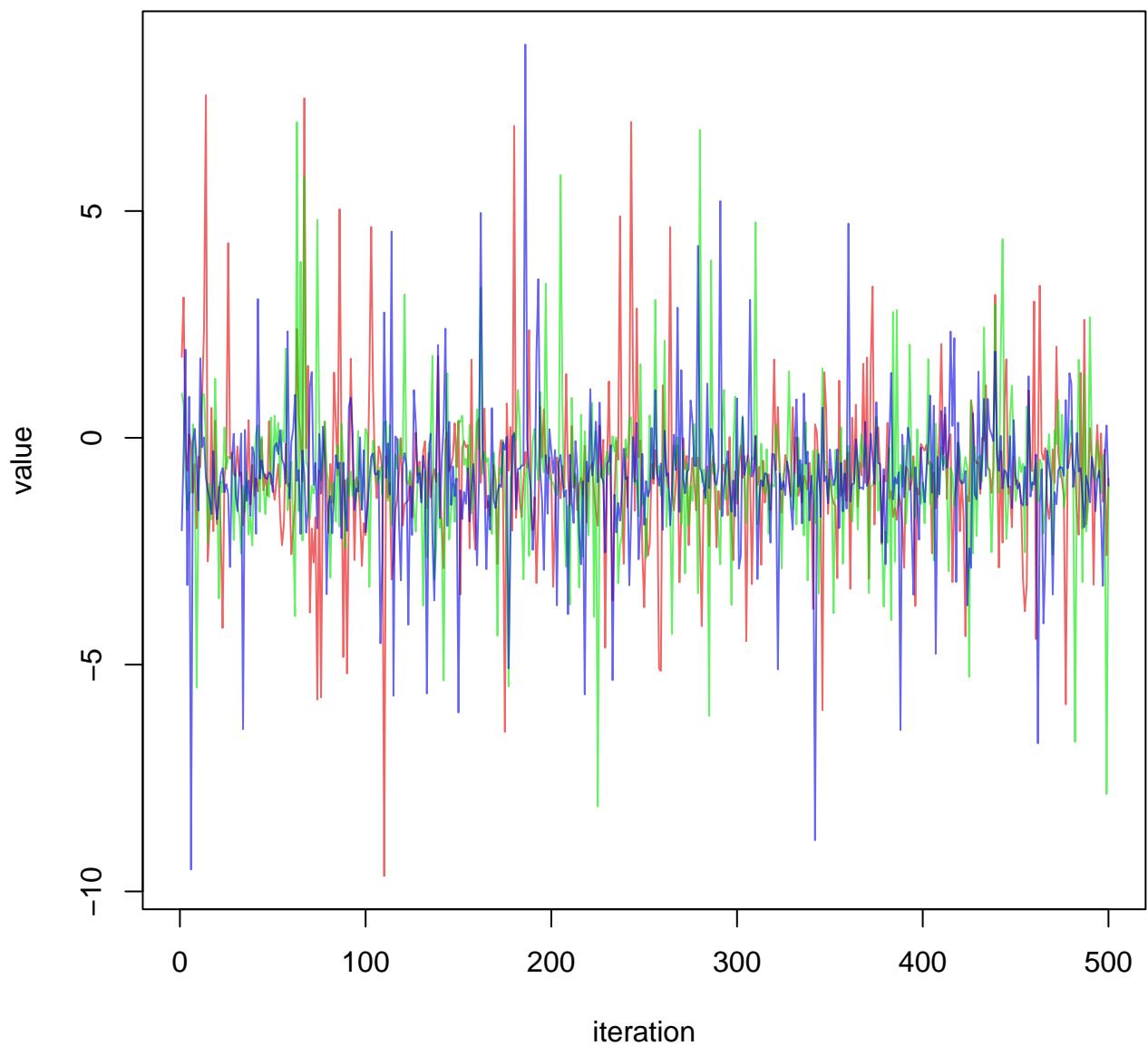
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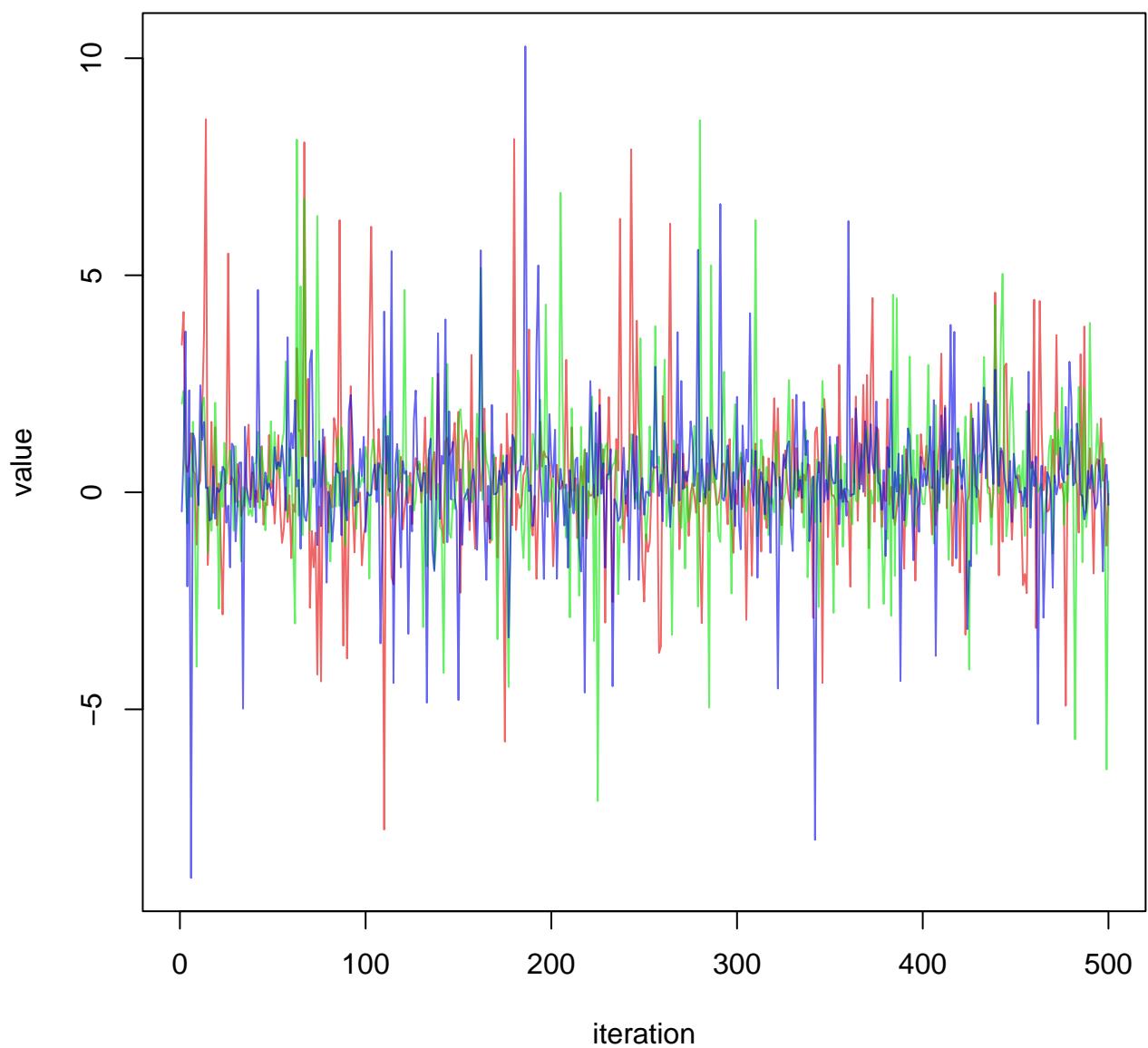
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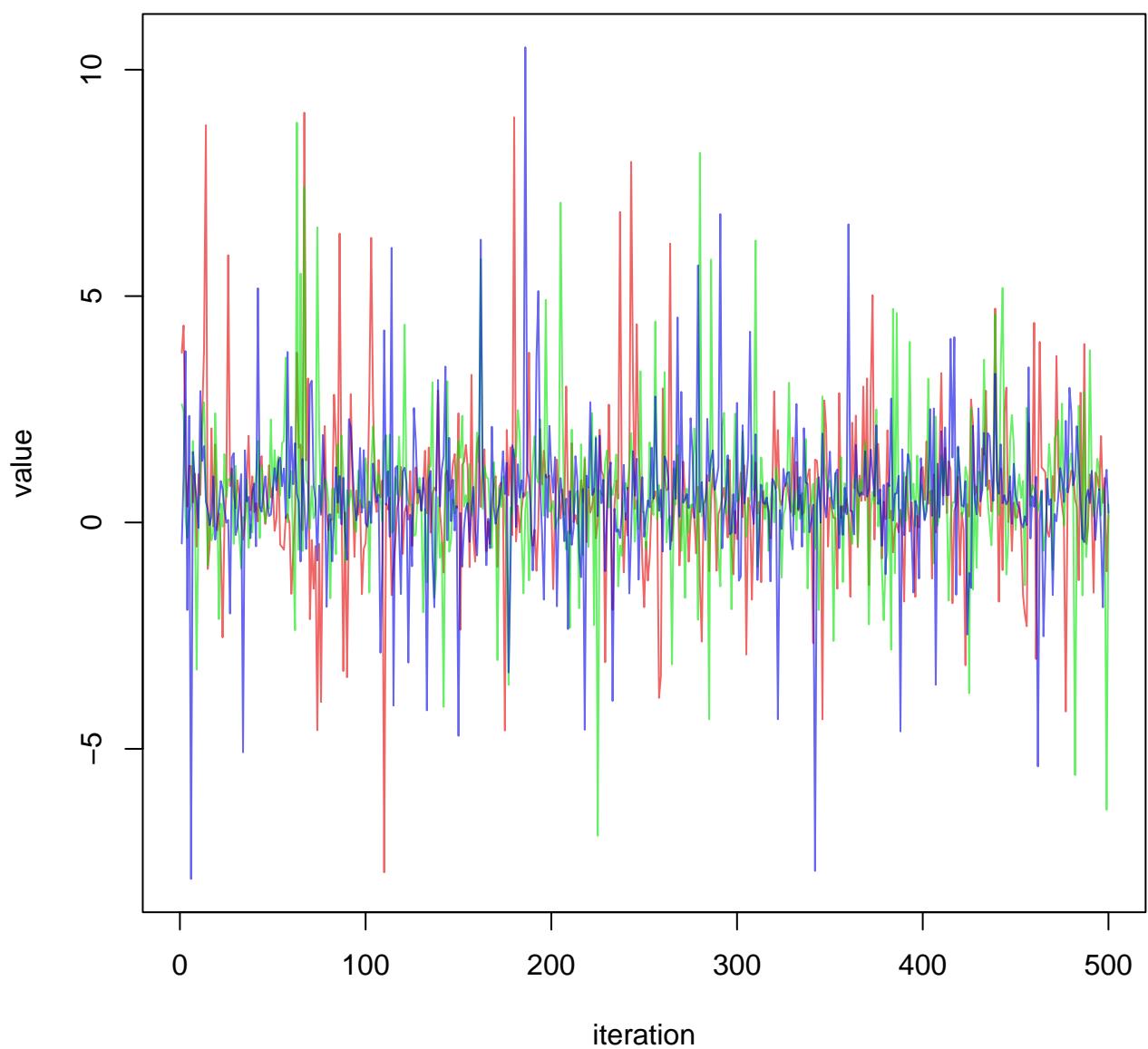
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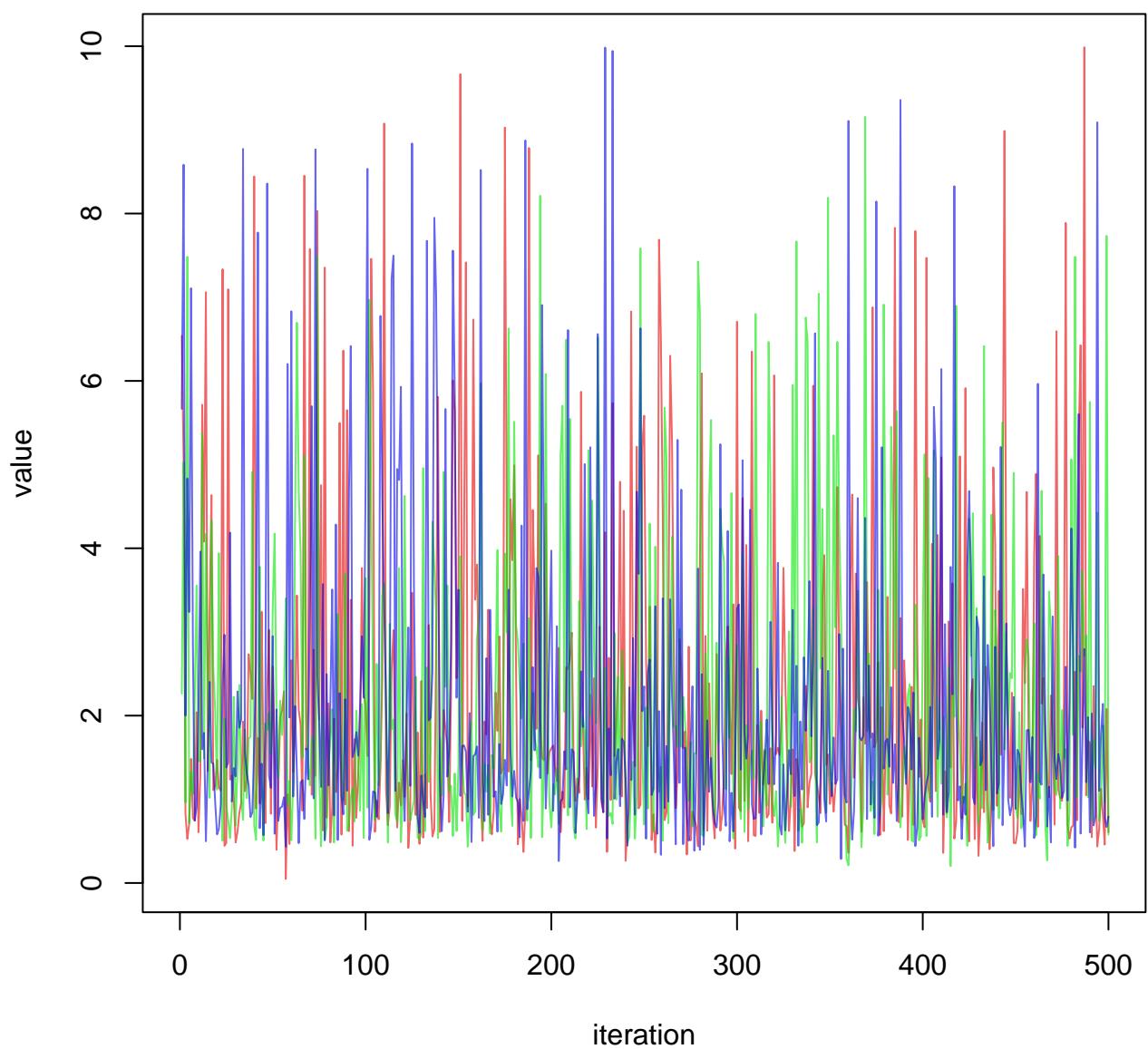
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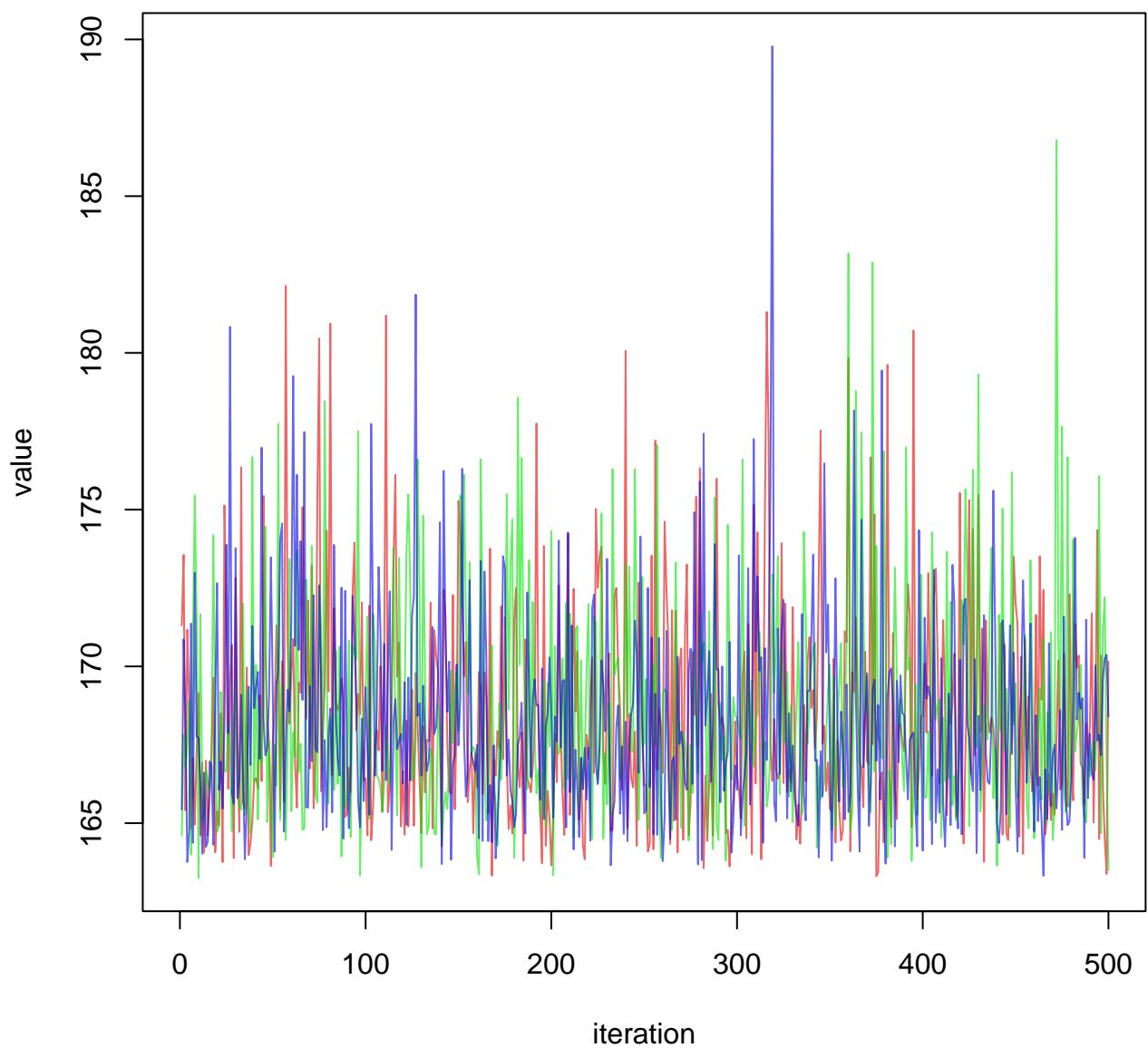
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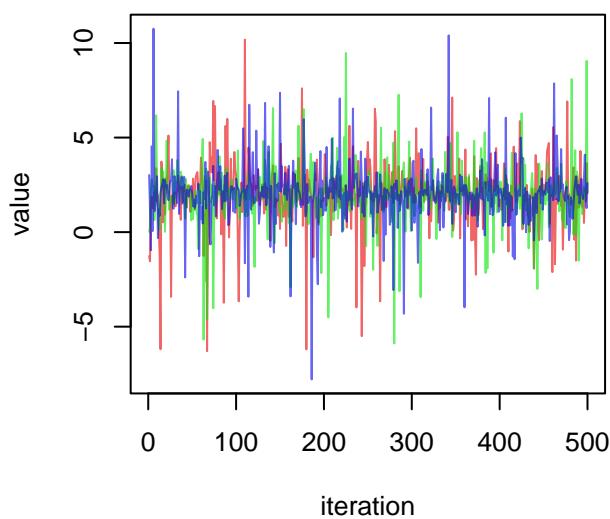
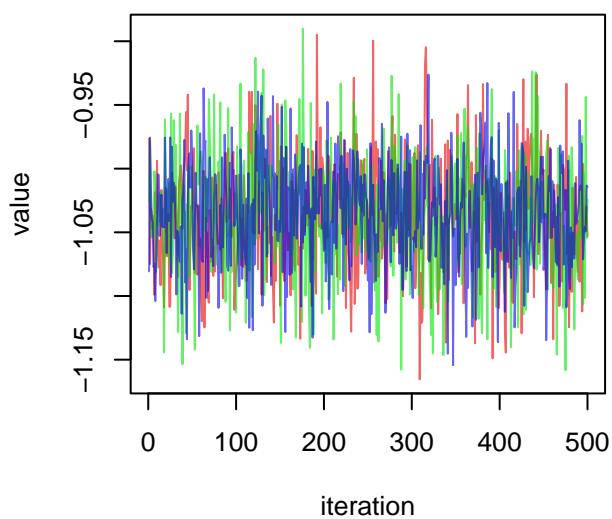
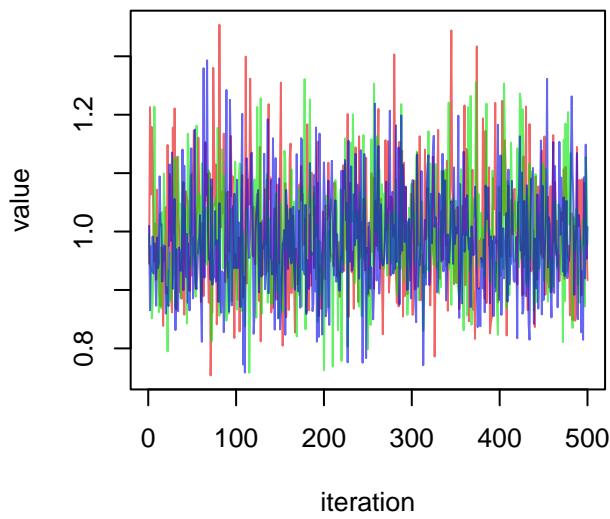
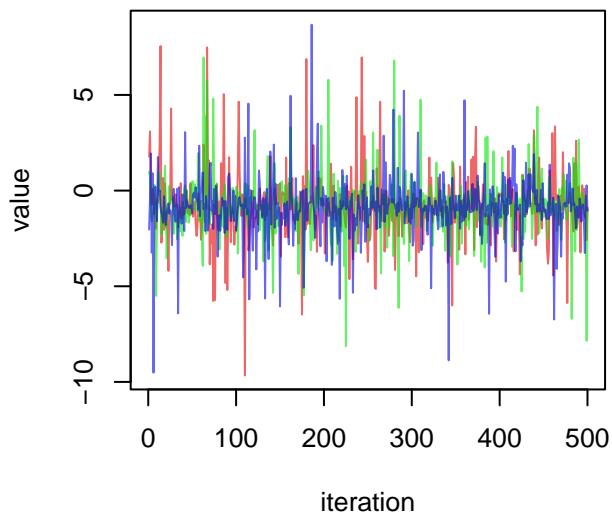


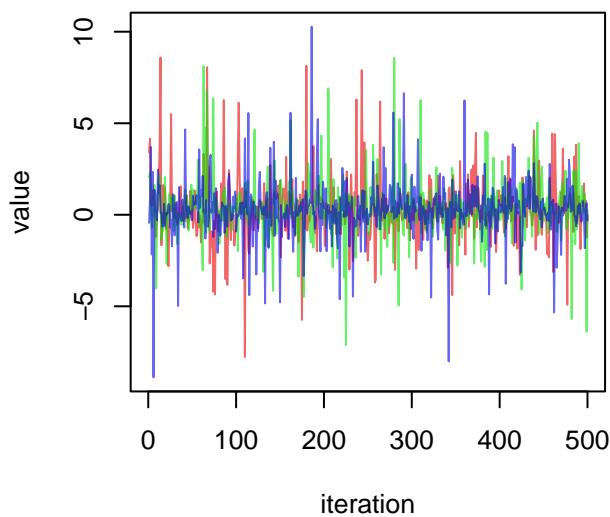
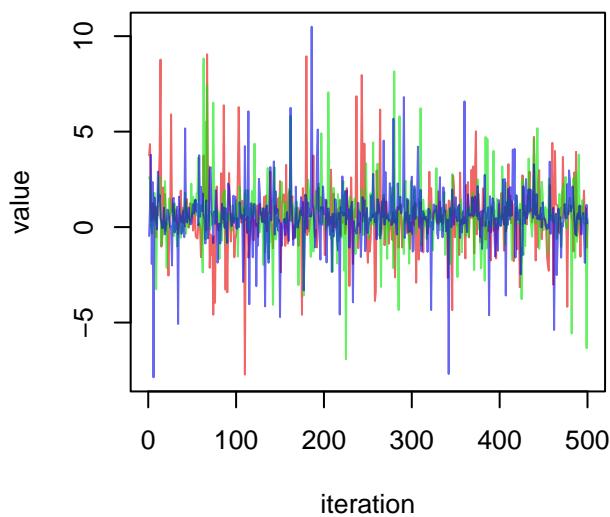
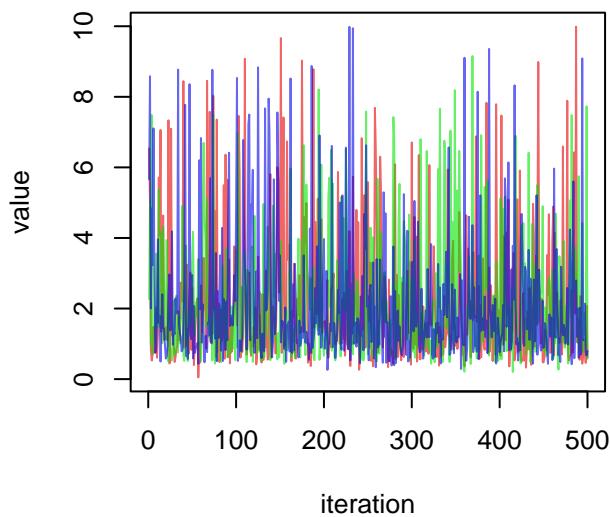
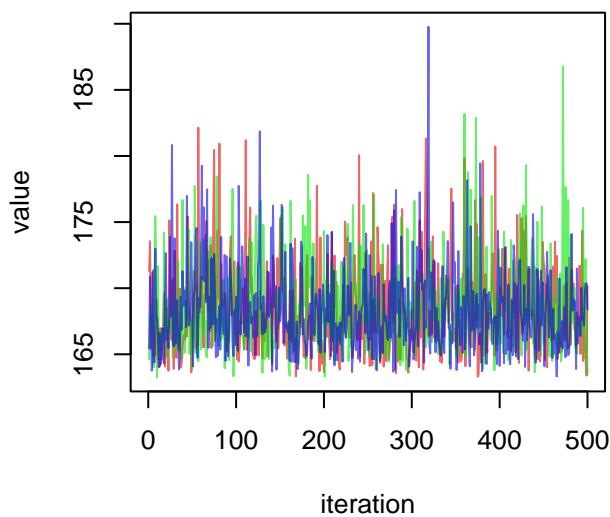
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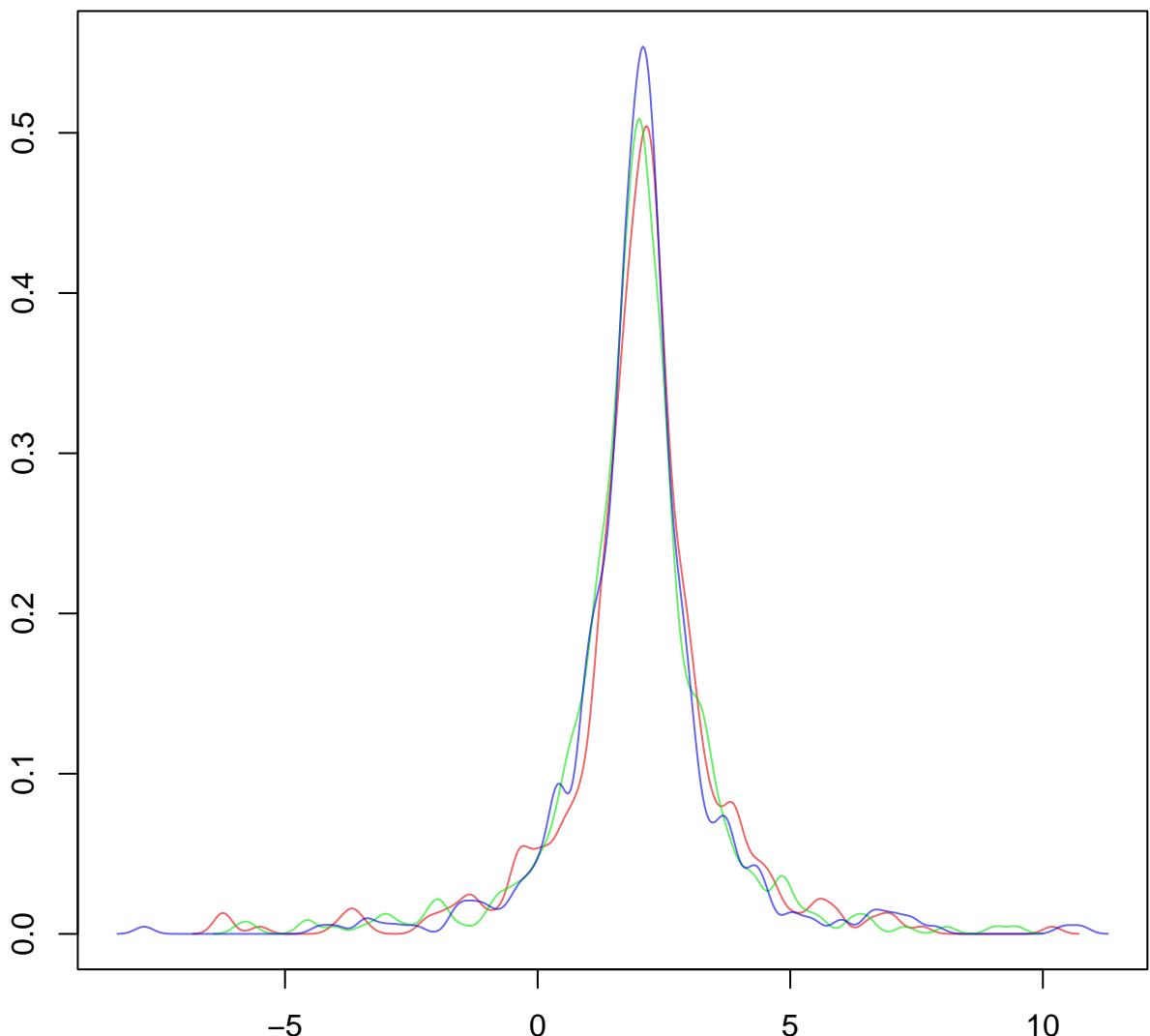
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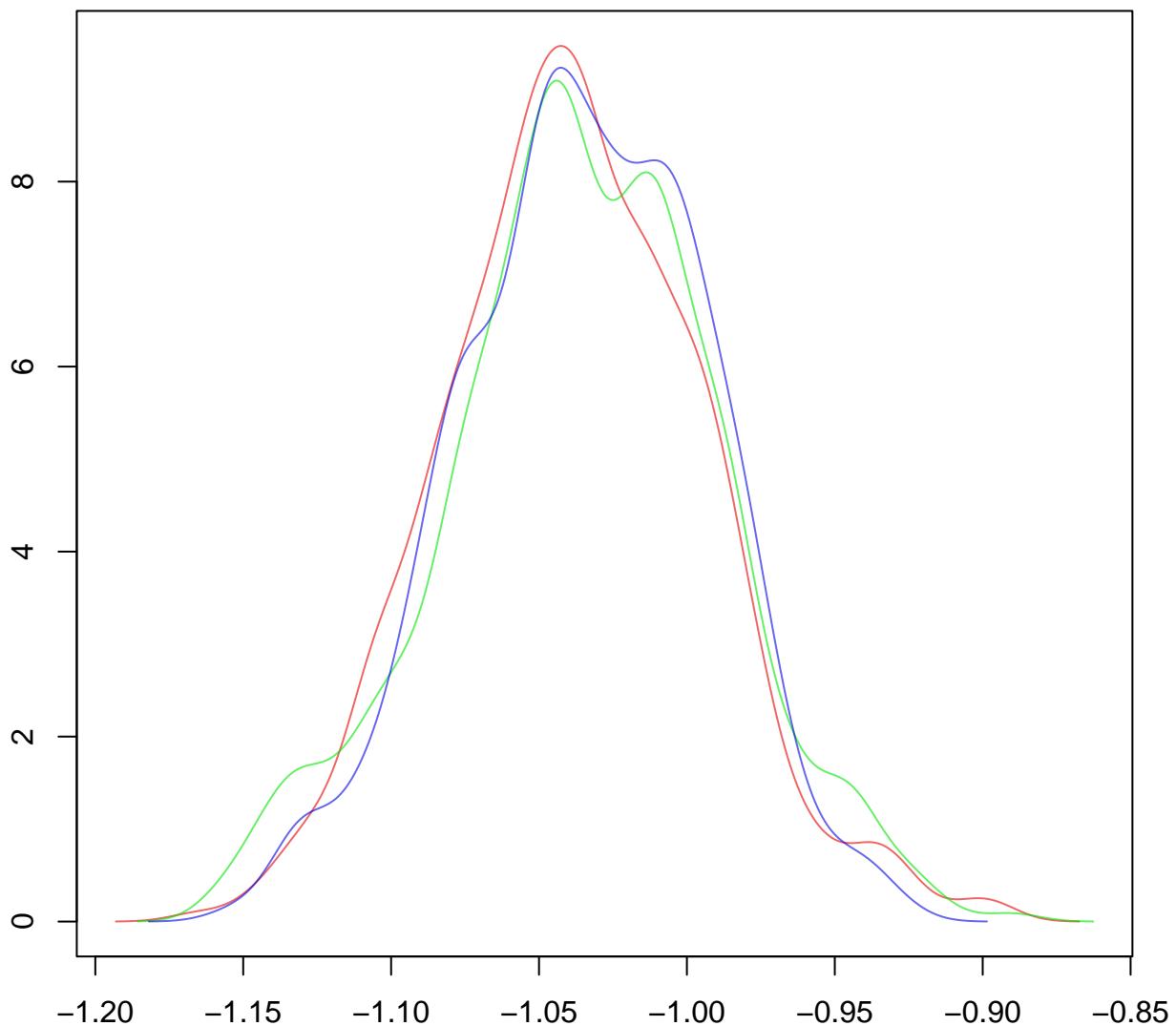
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**a[2]****a[3]****sig\_a****deviance**

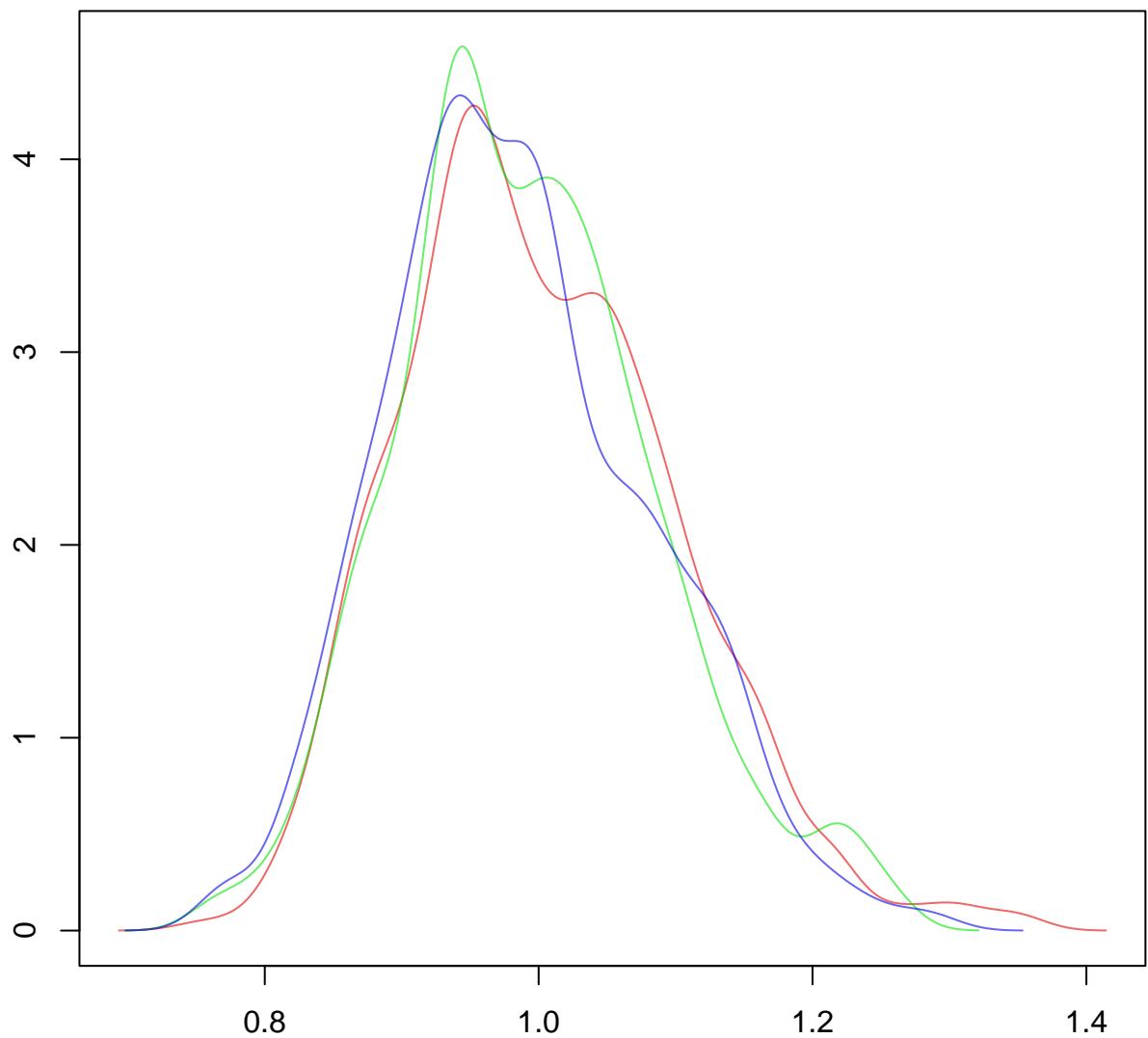
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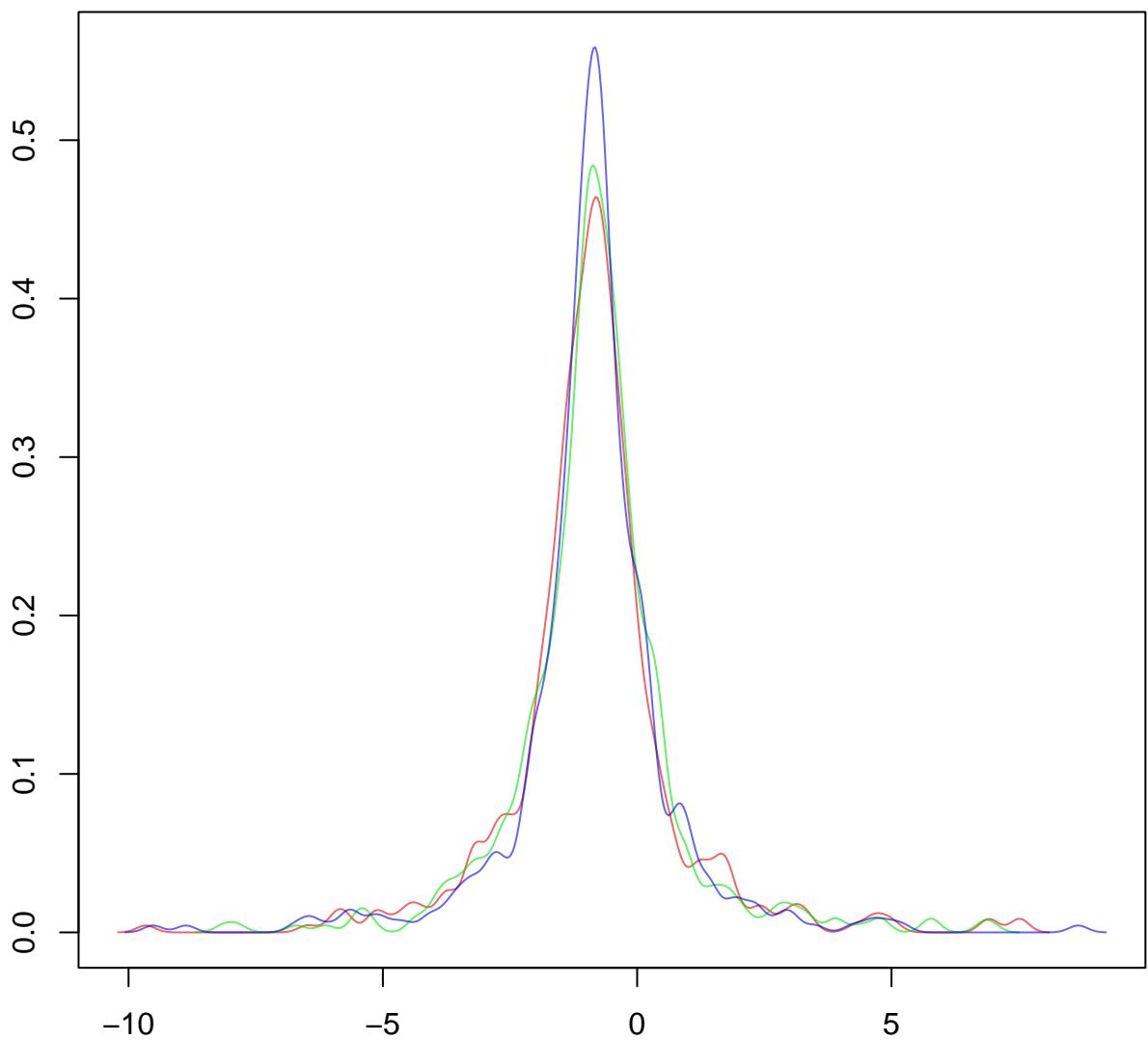
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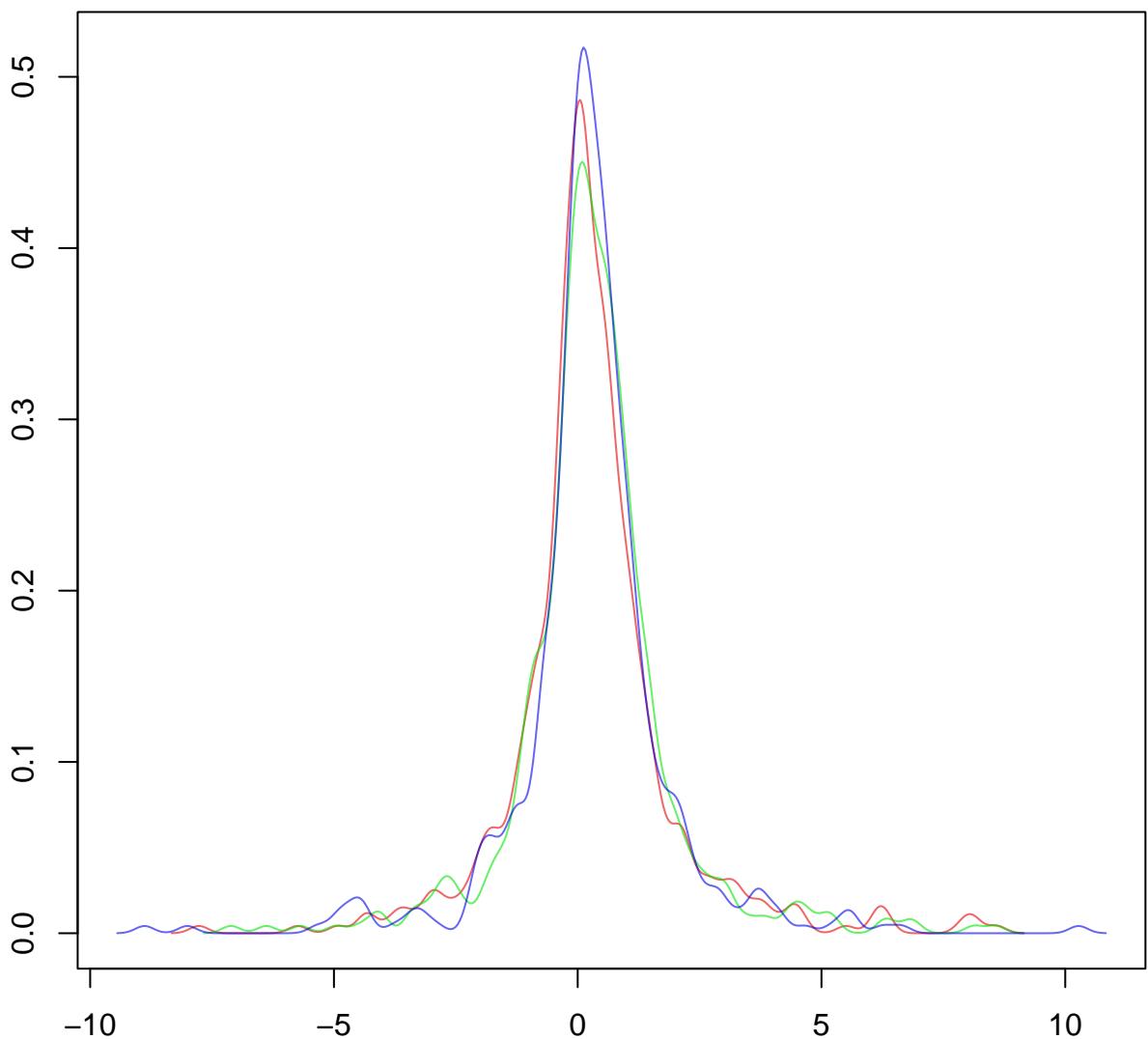
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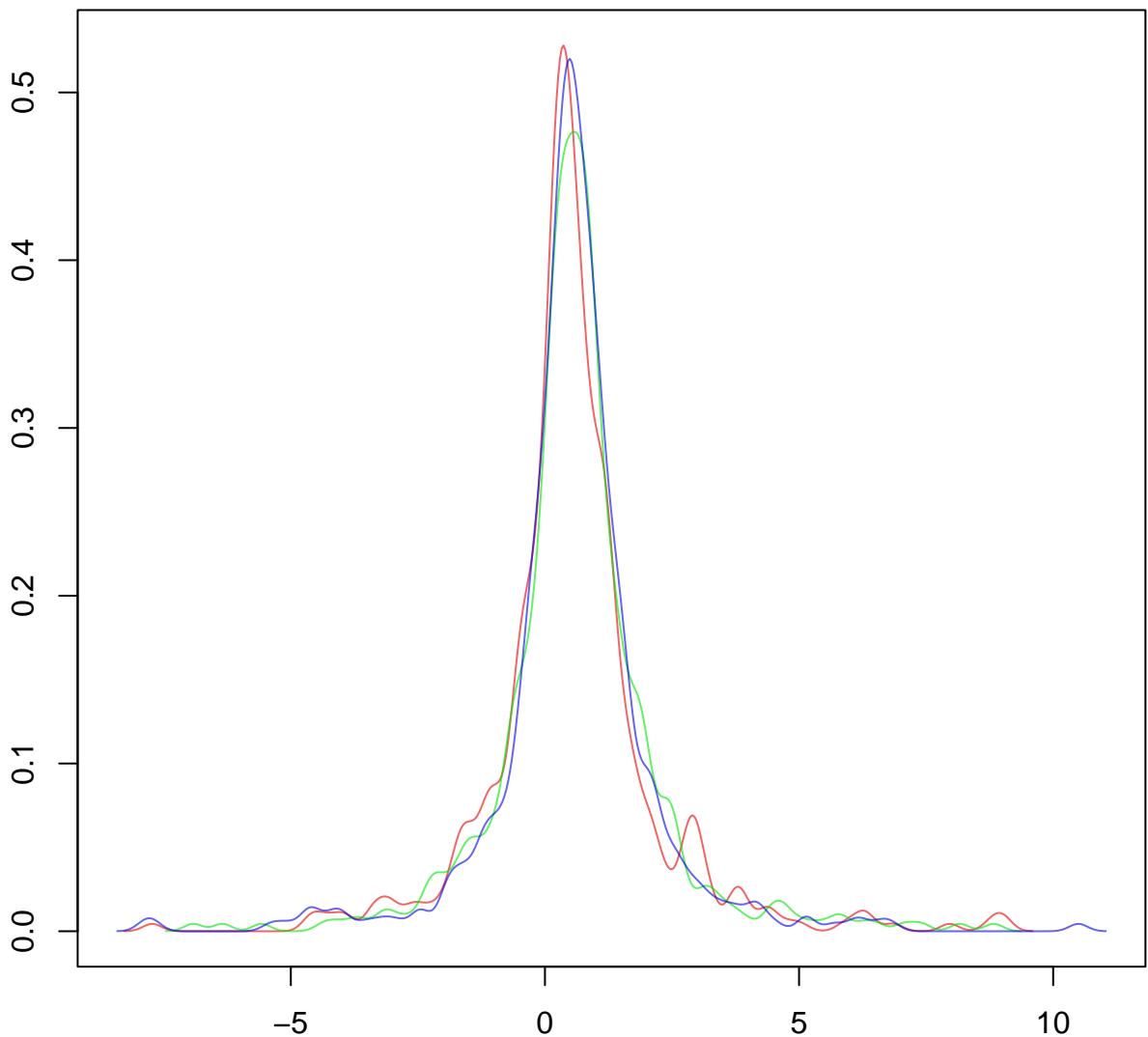
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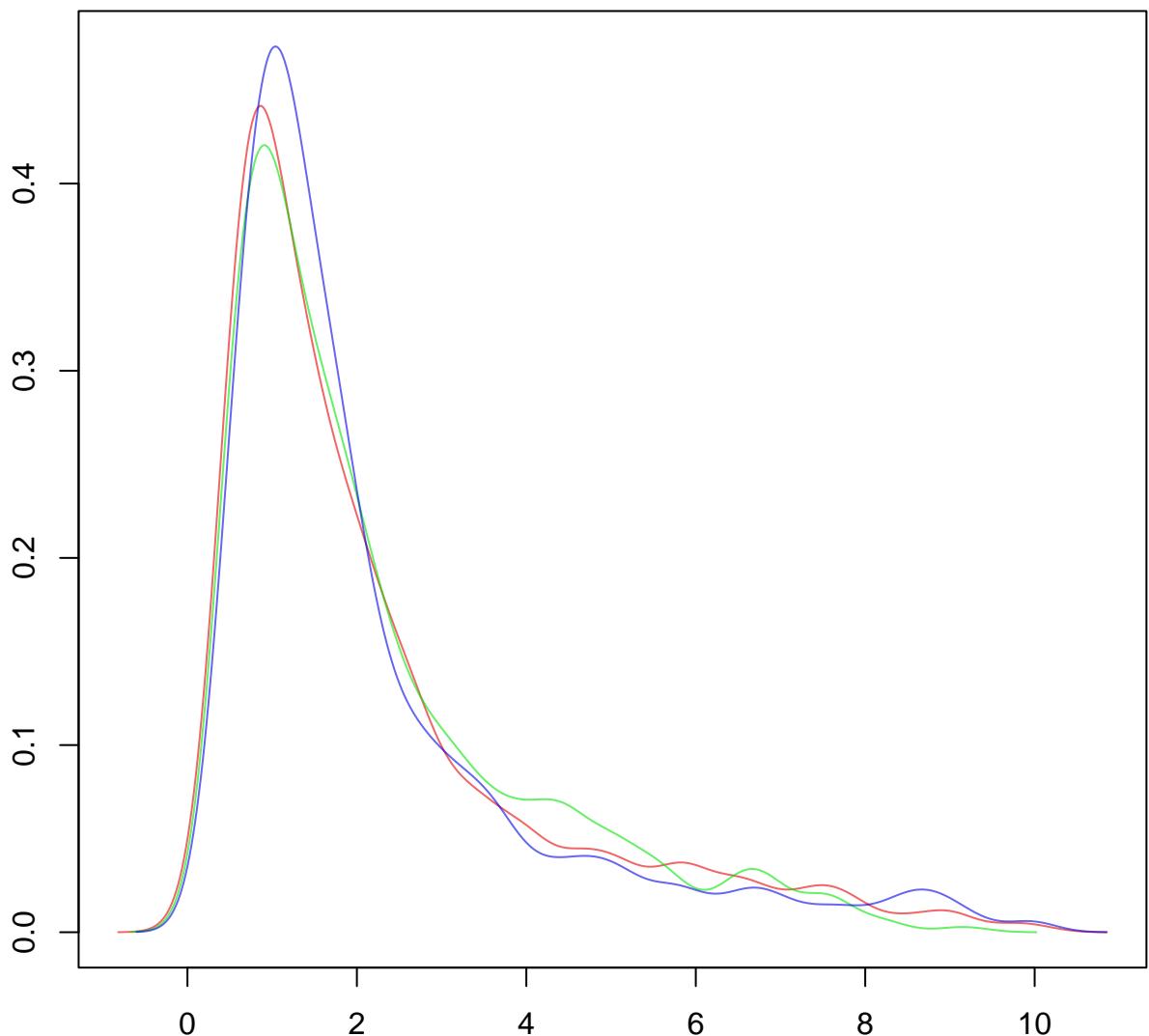
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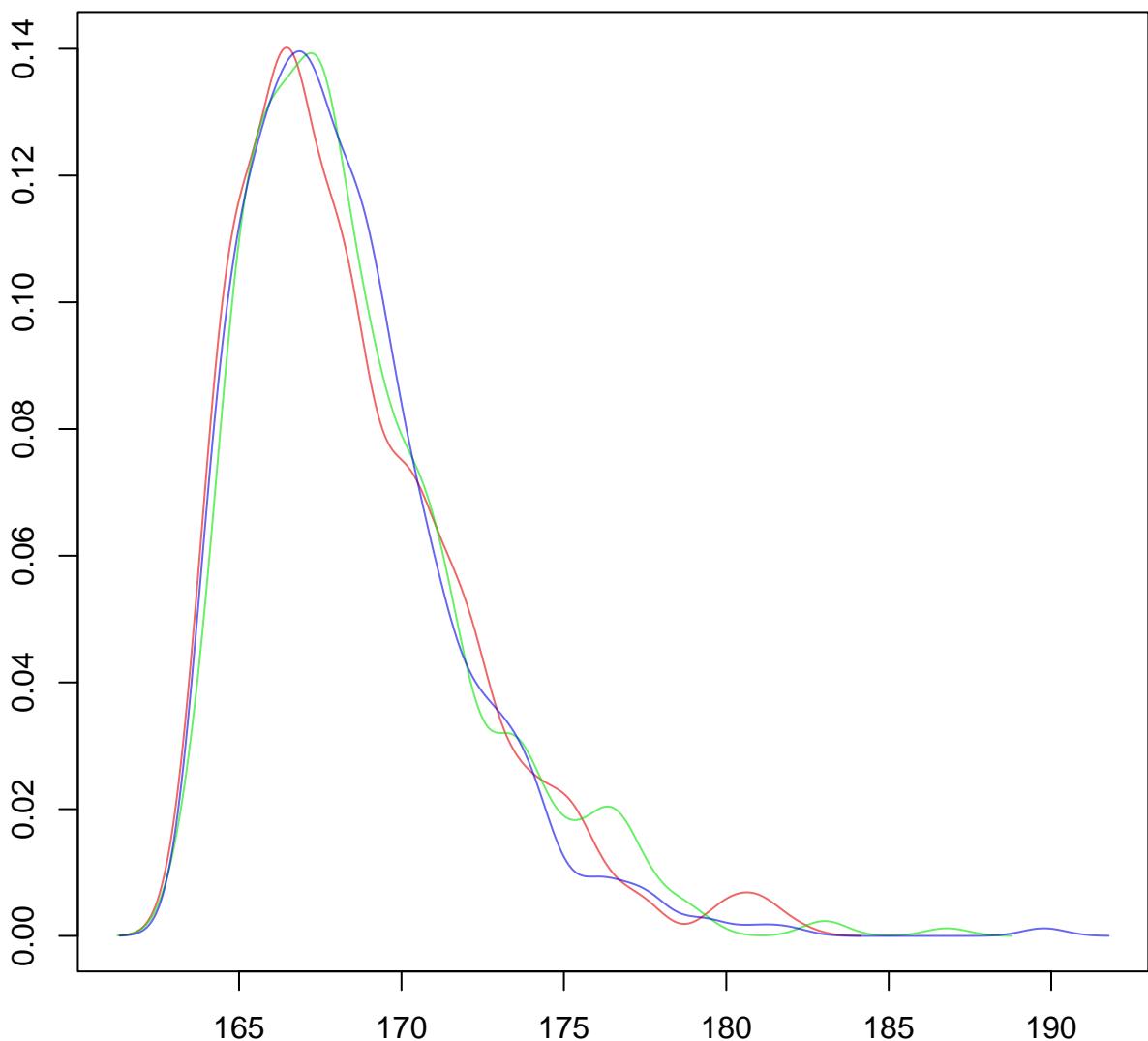
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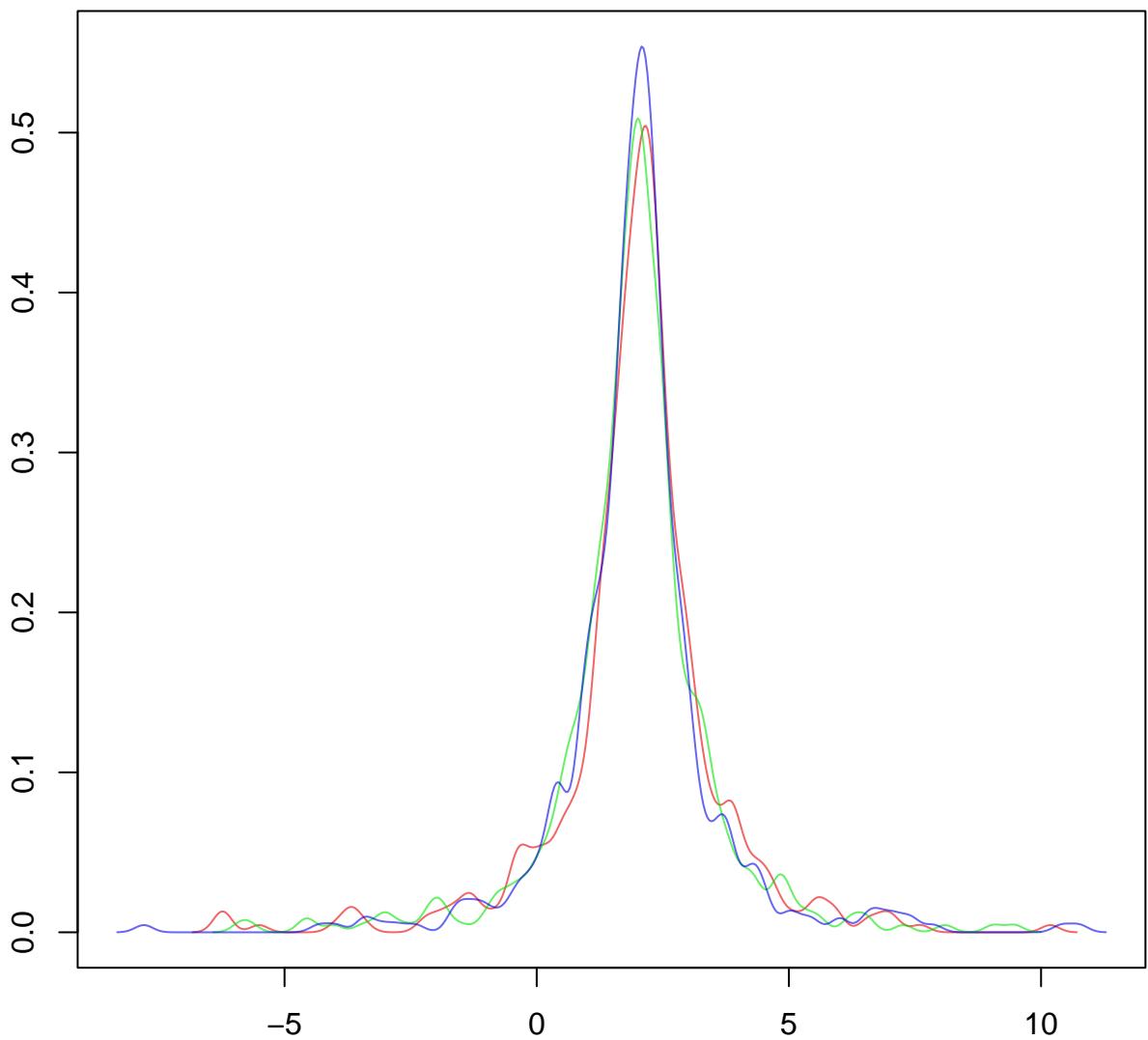
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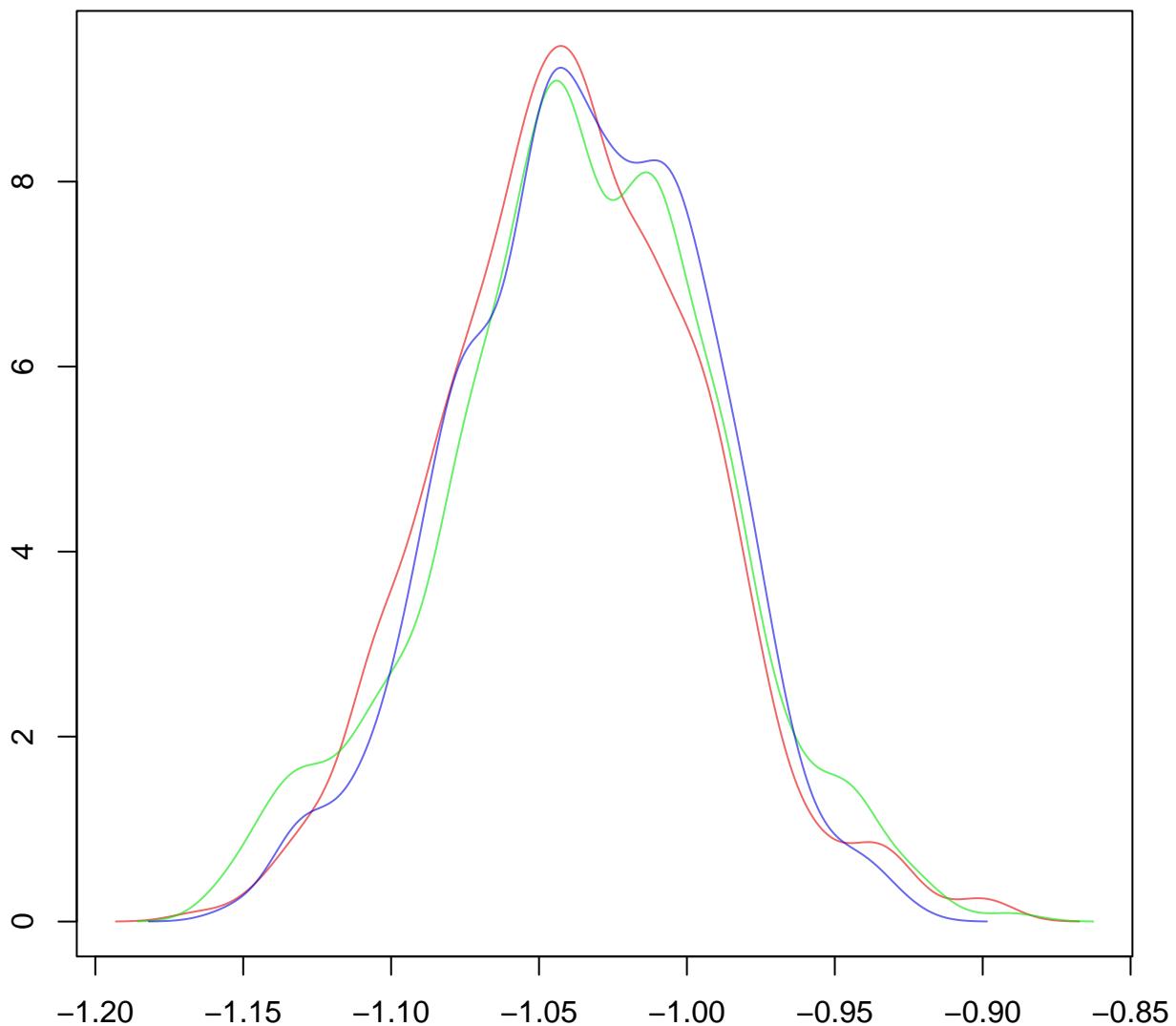
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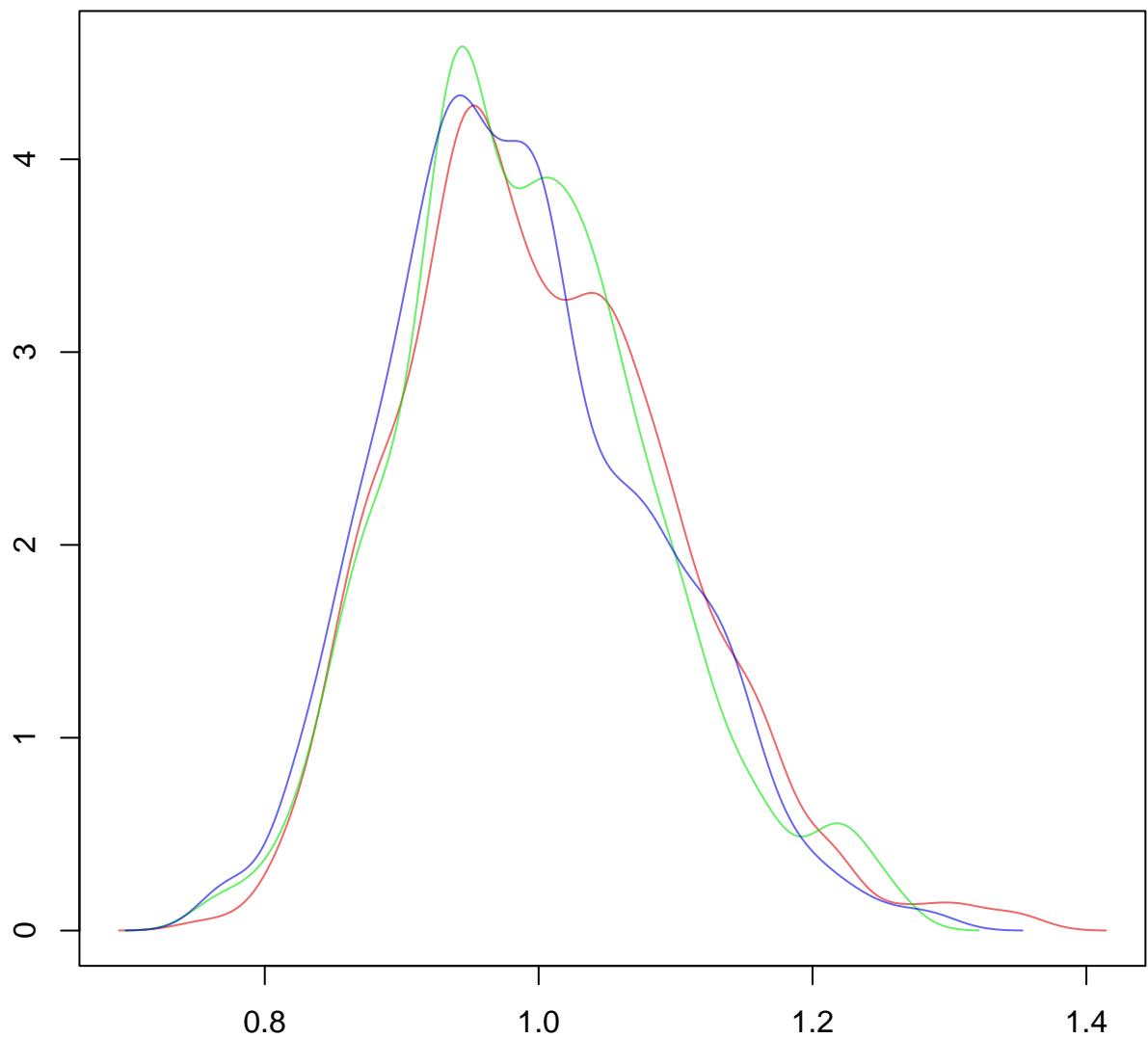
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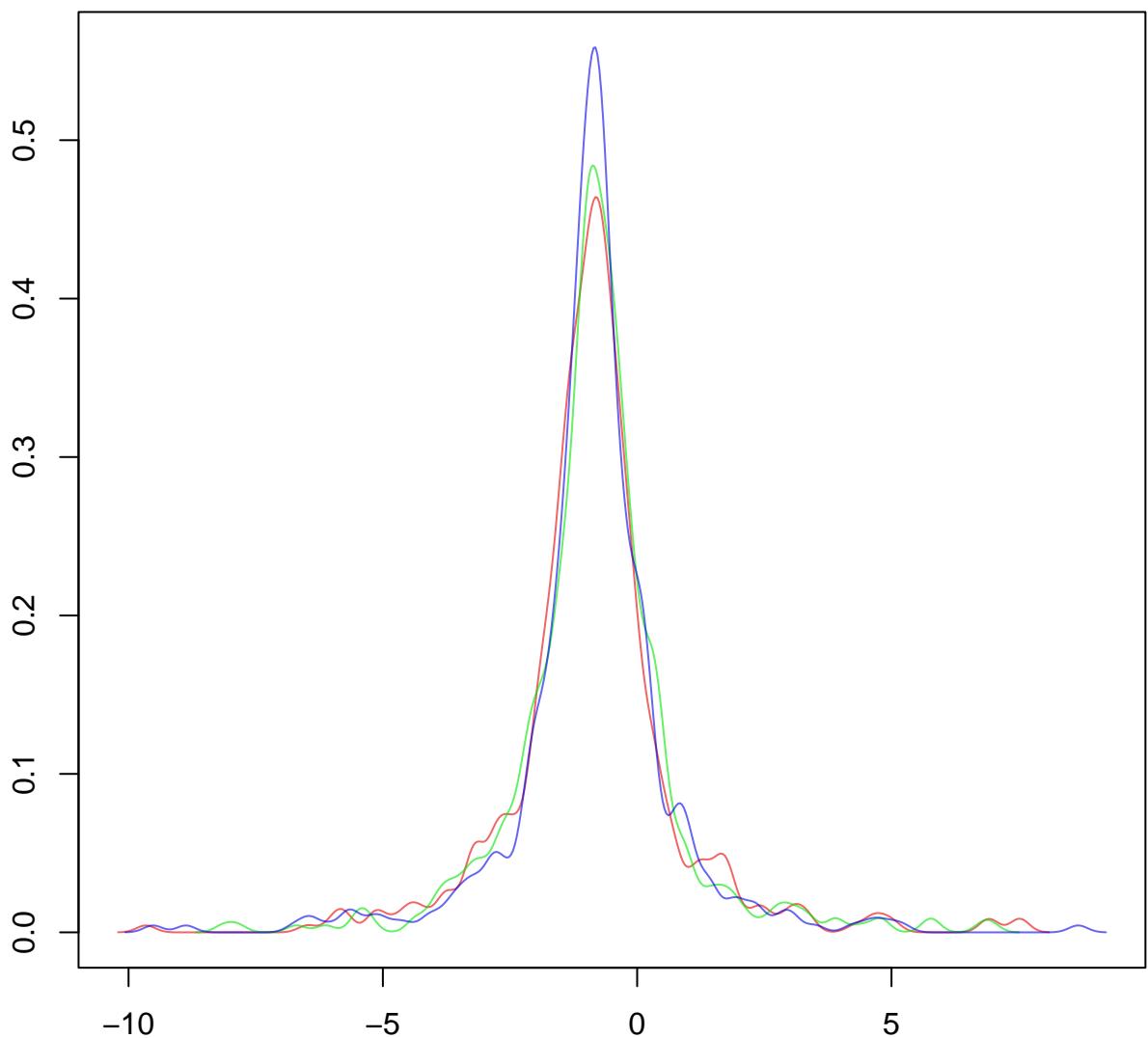
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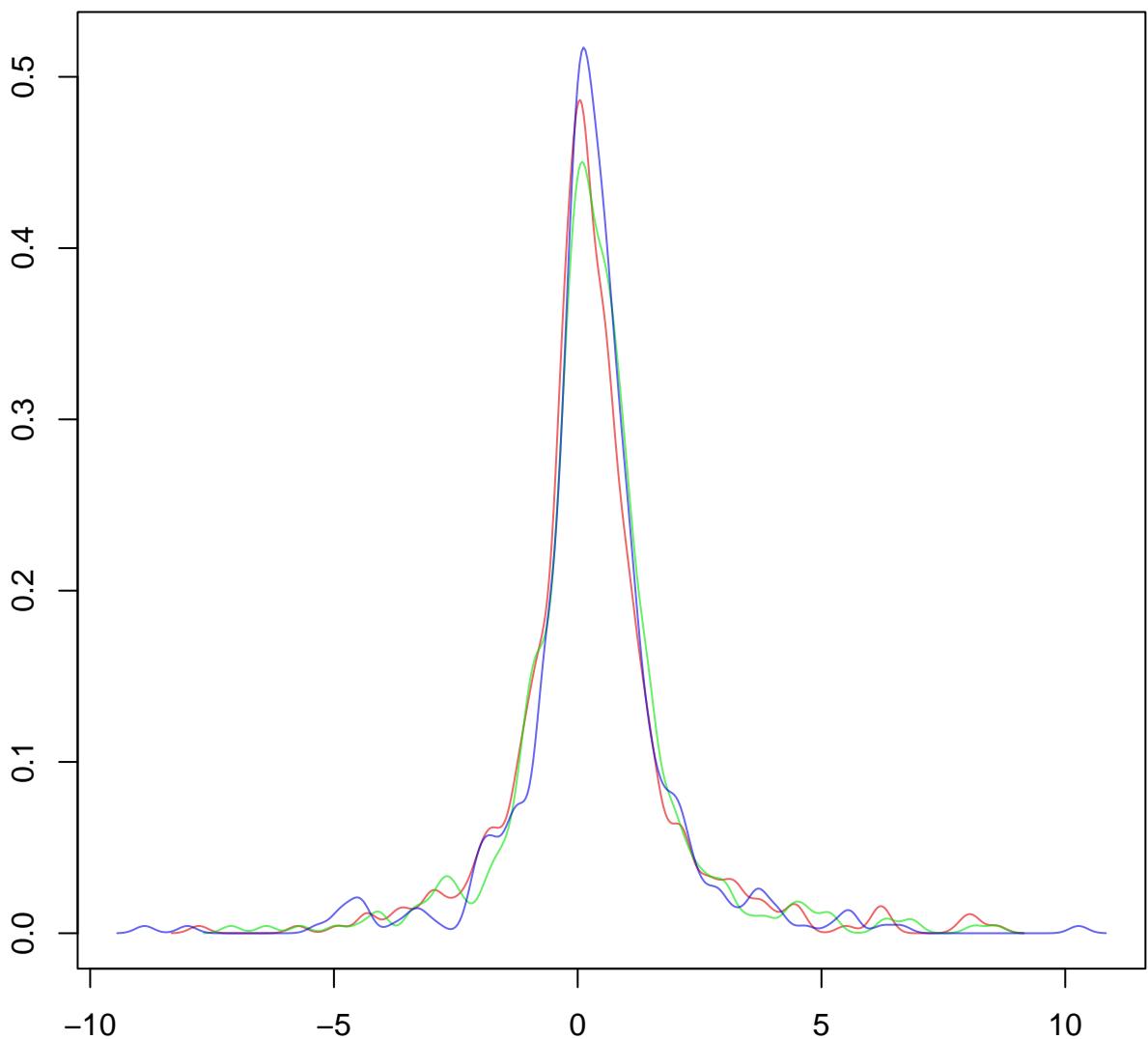
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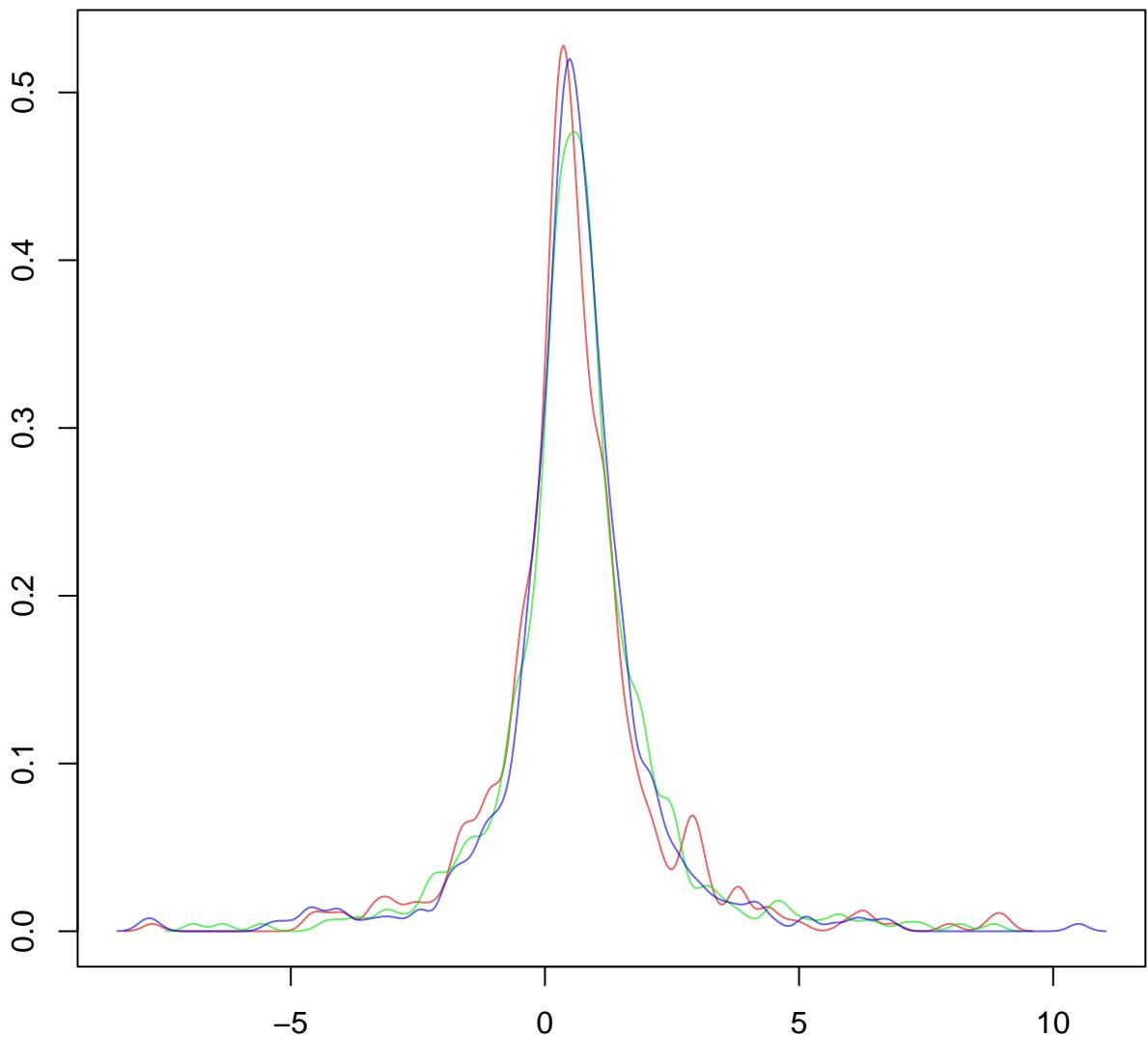
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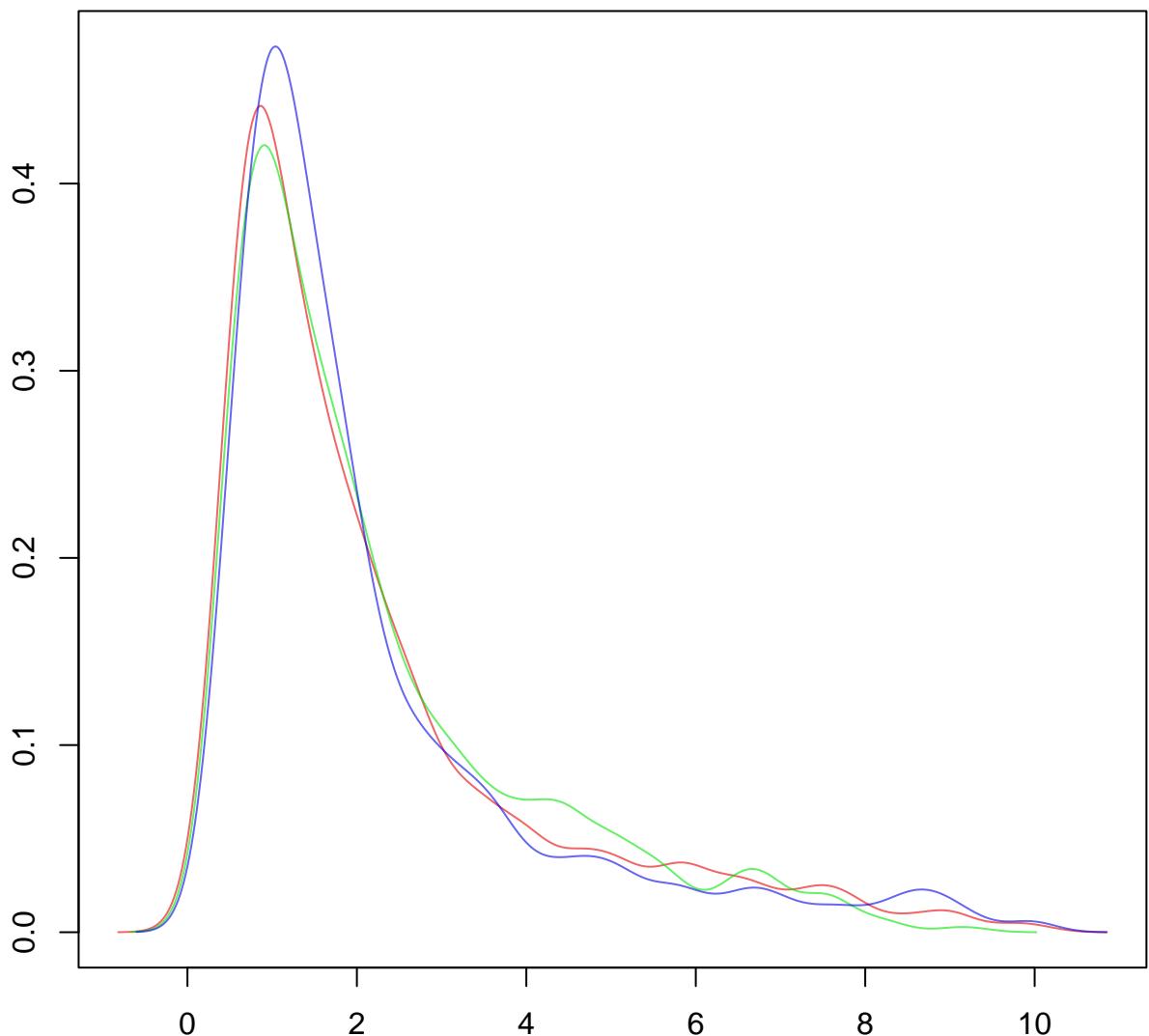
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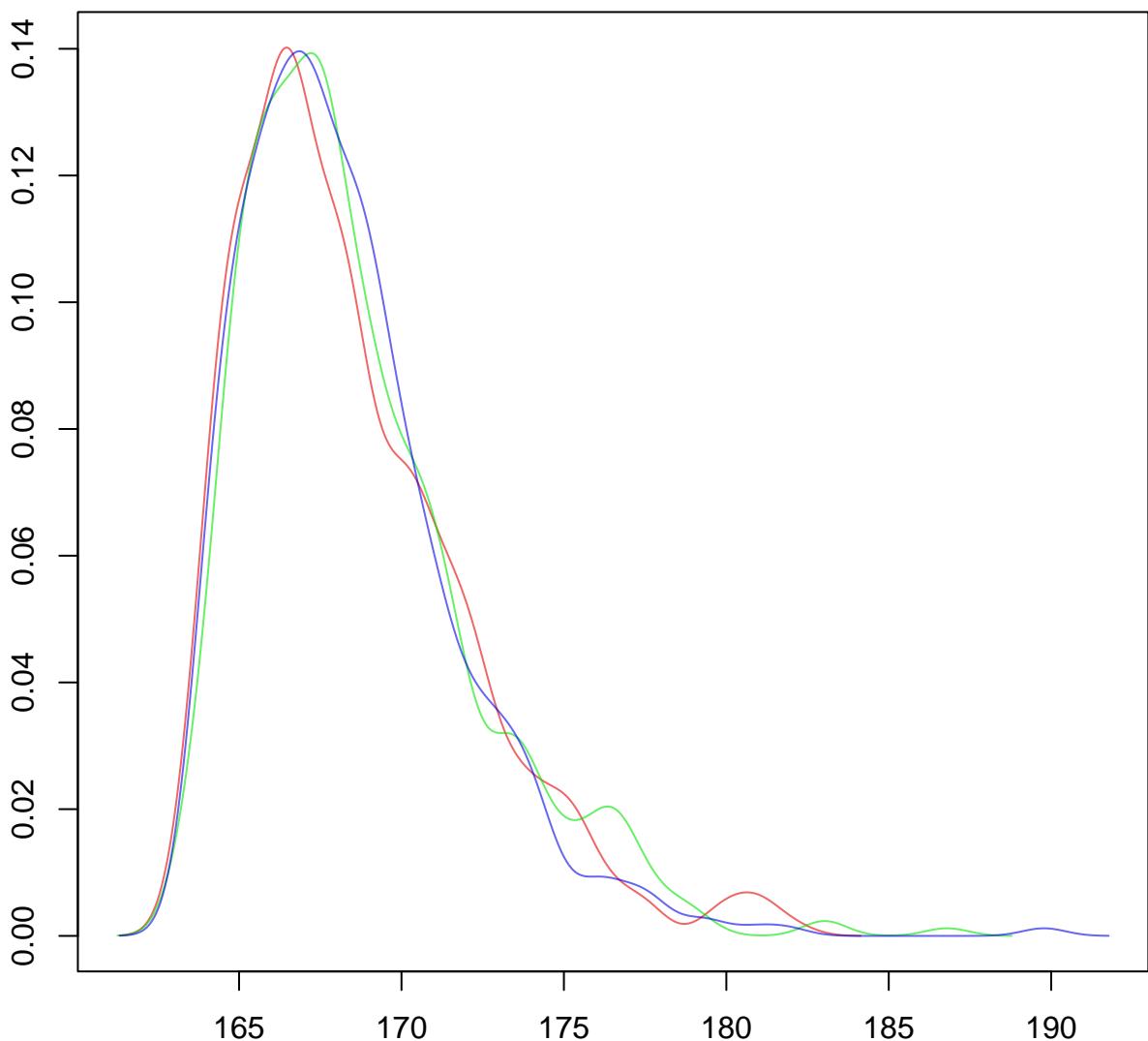
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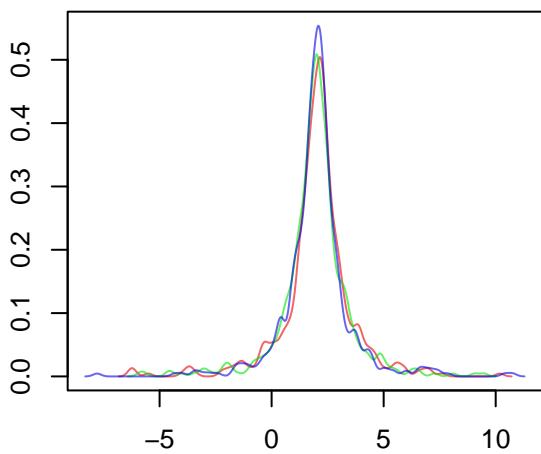
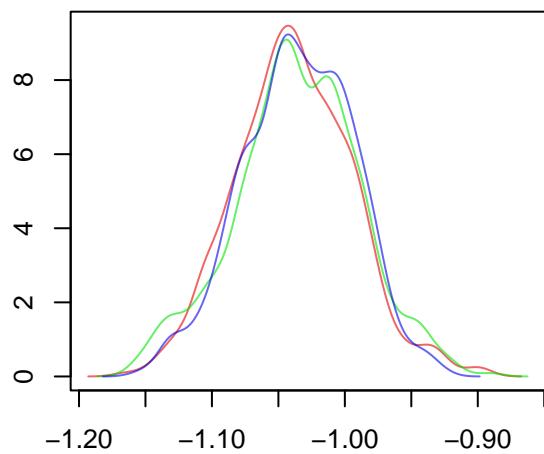
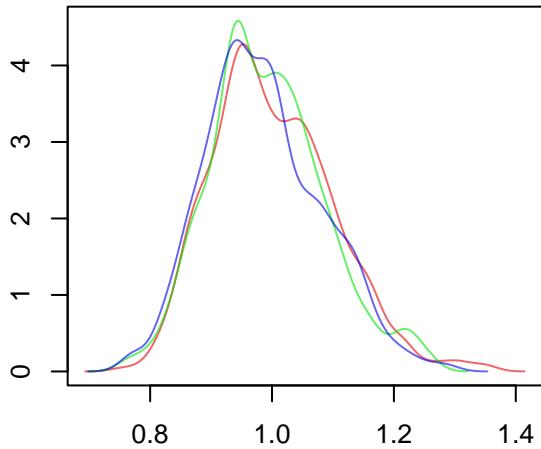
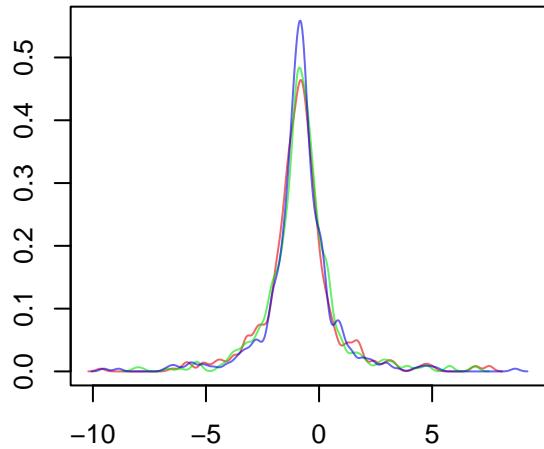


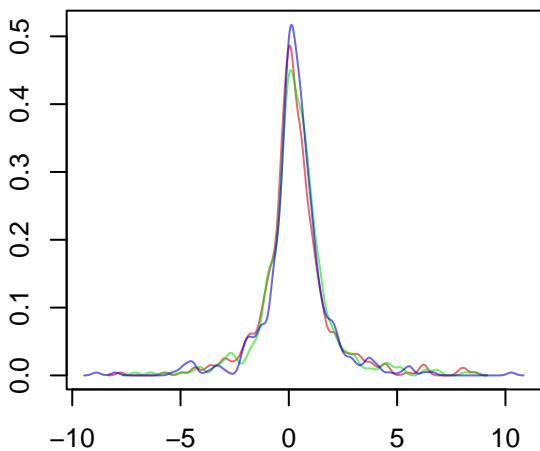
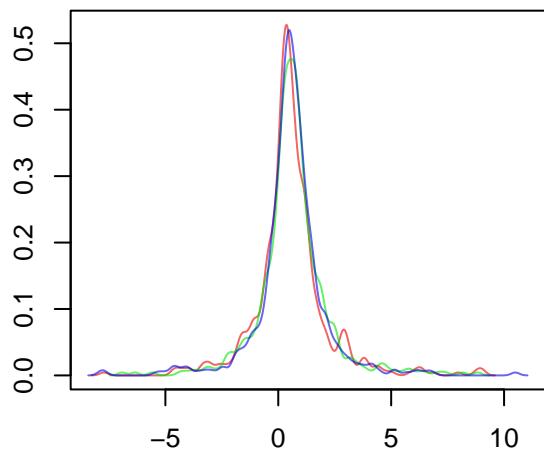
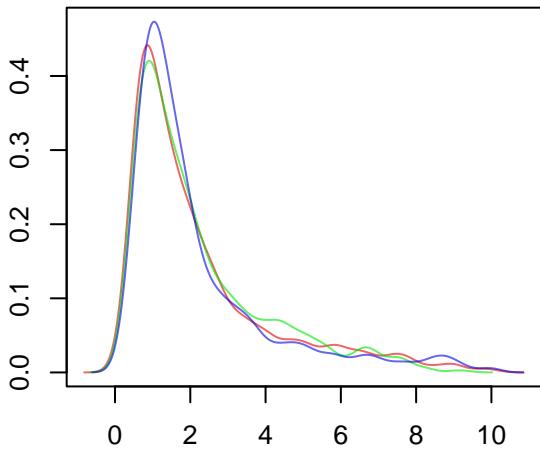
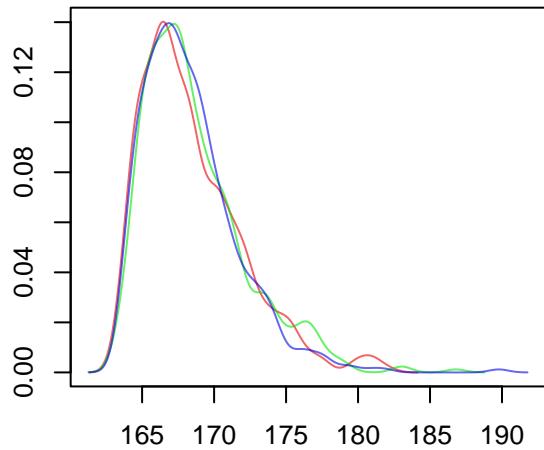
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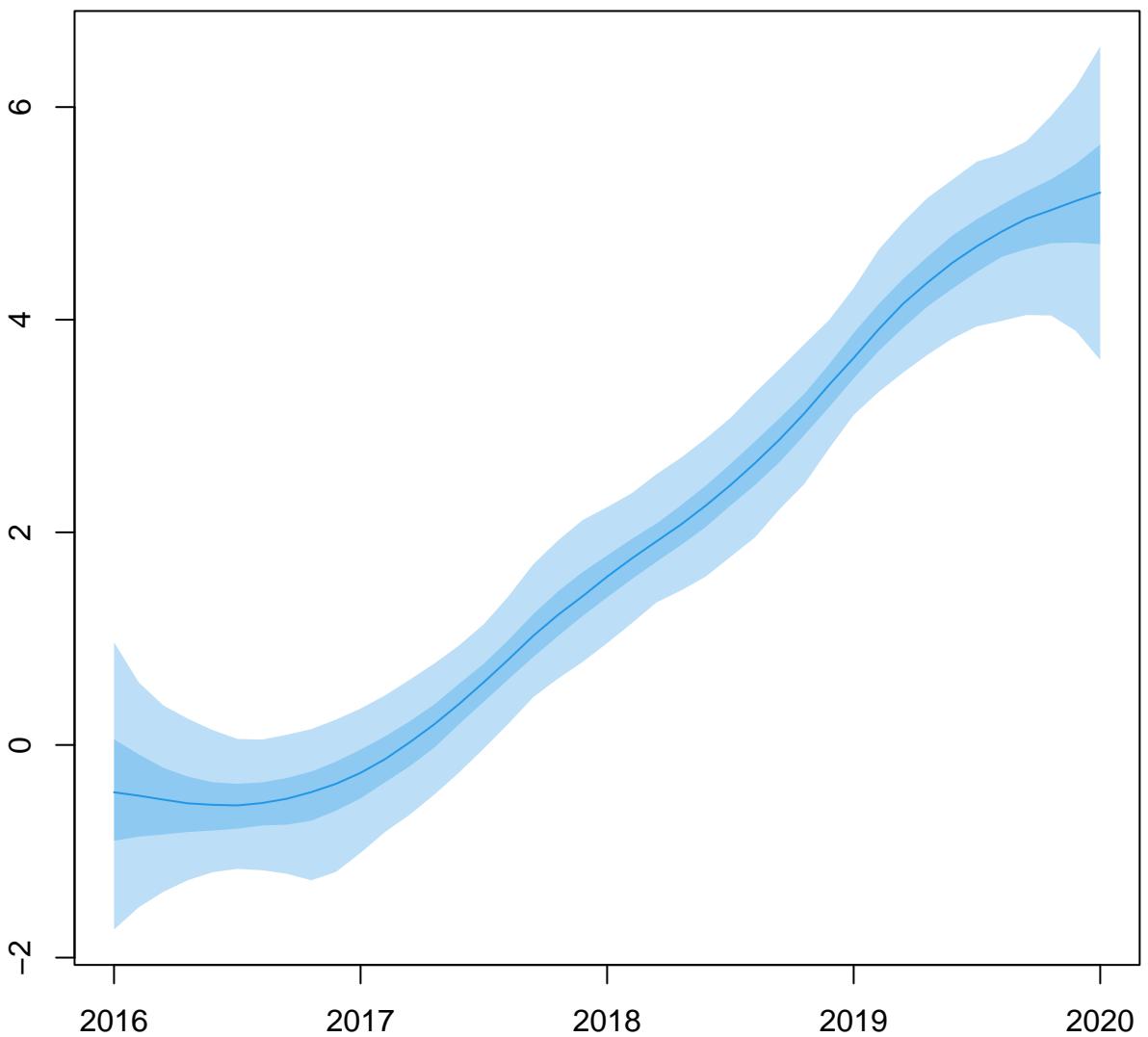


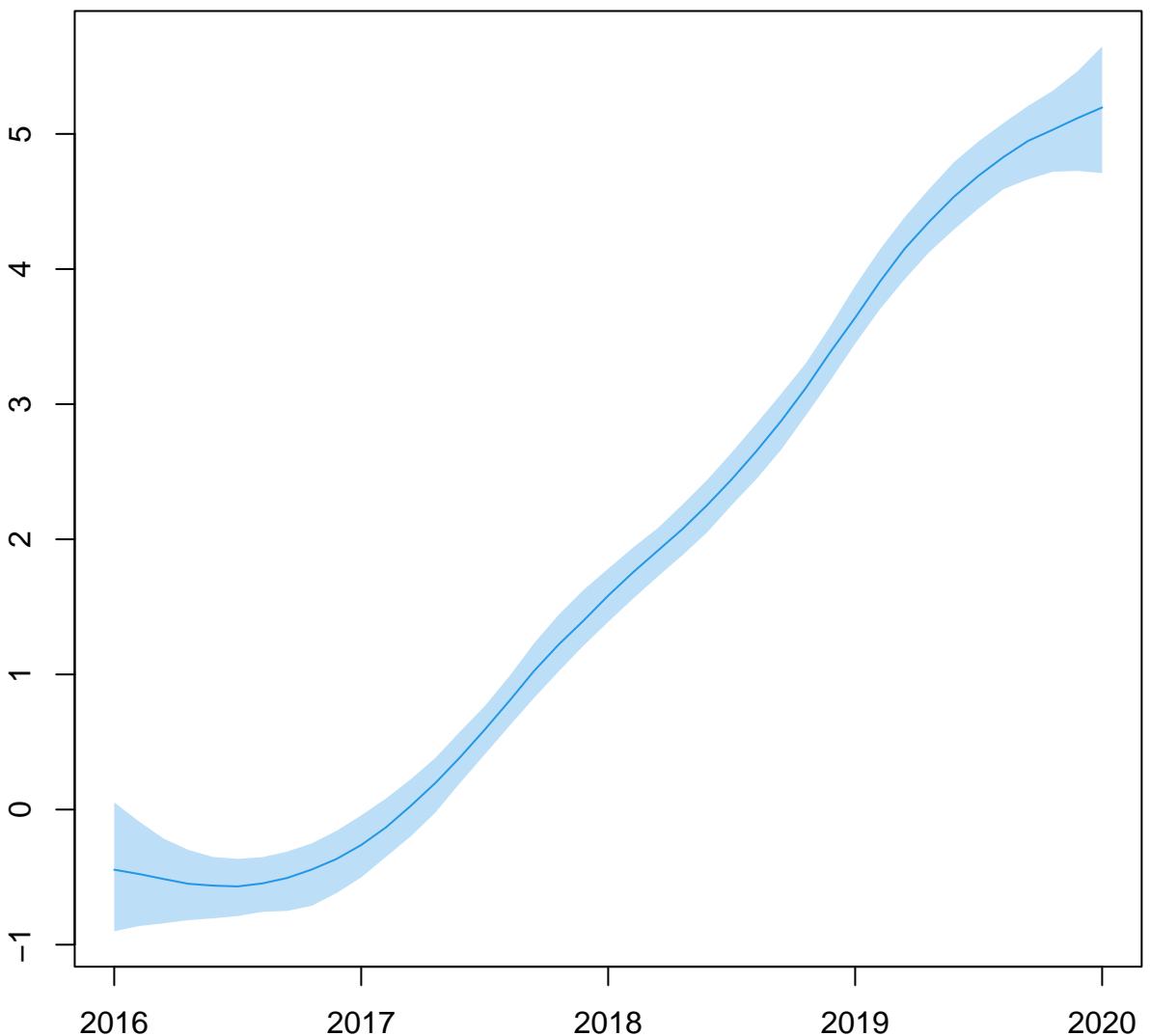
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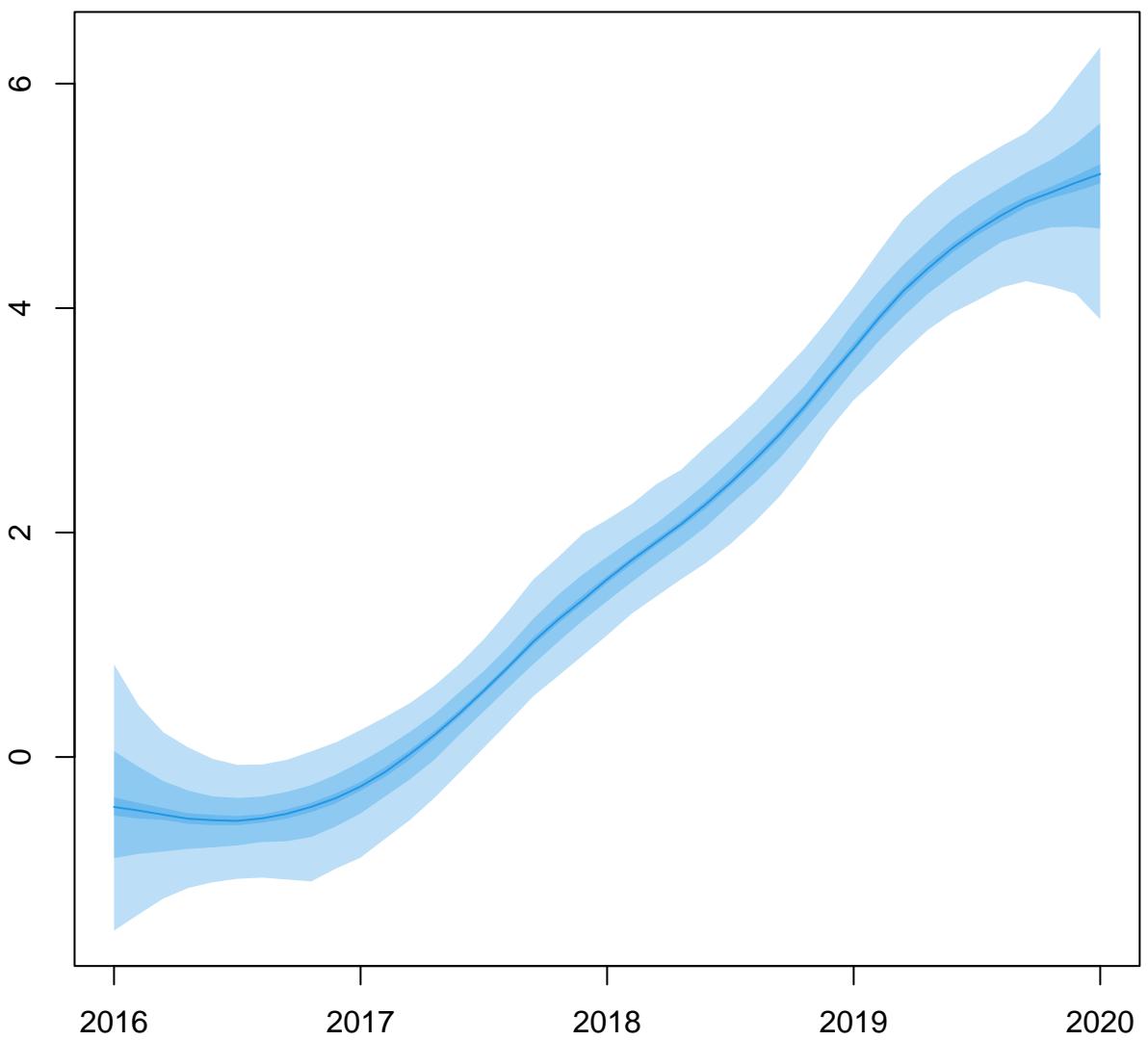


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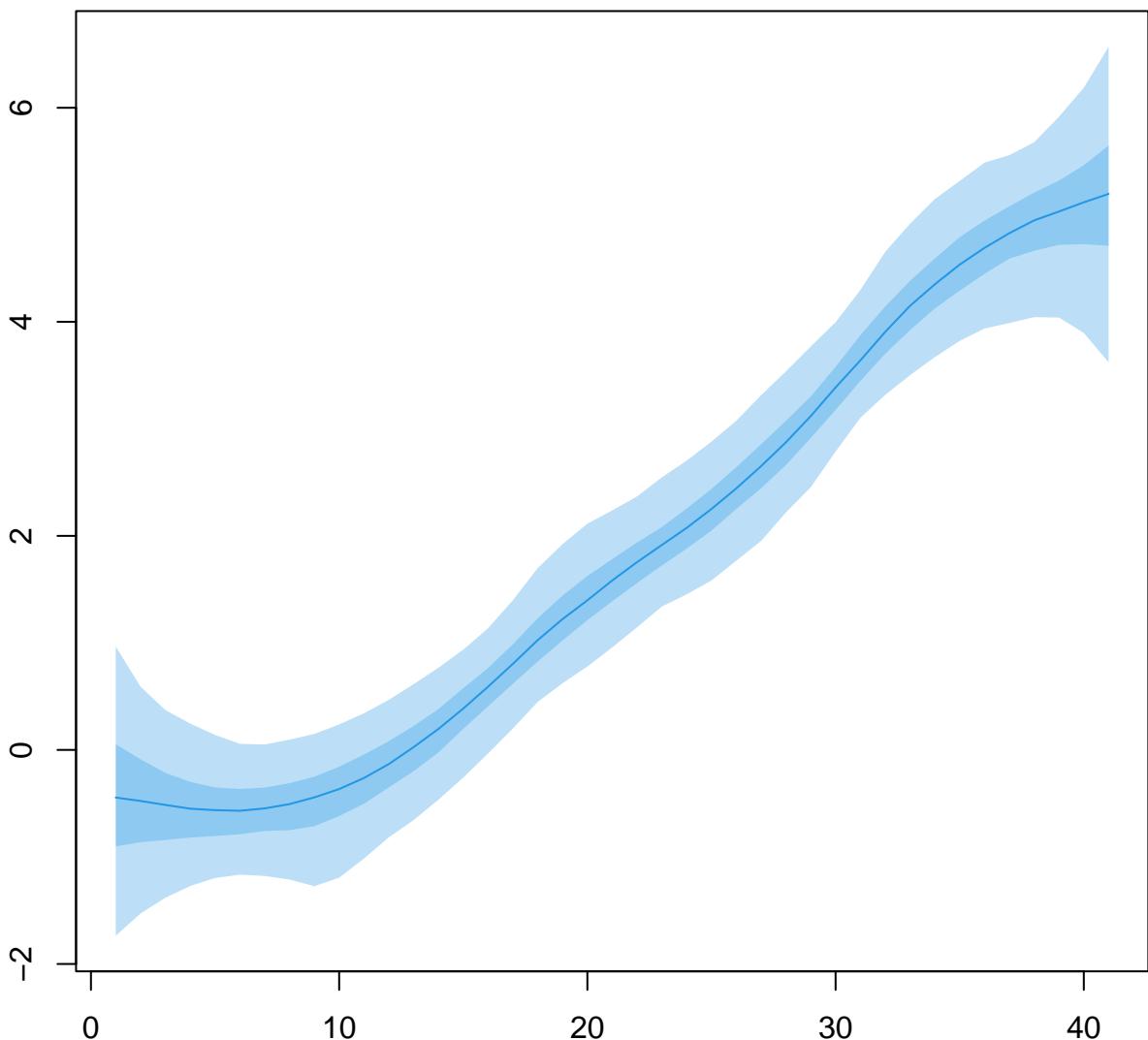
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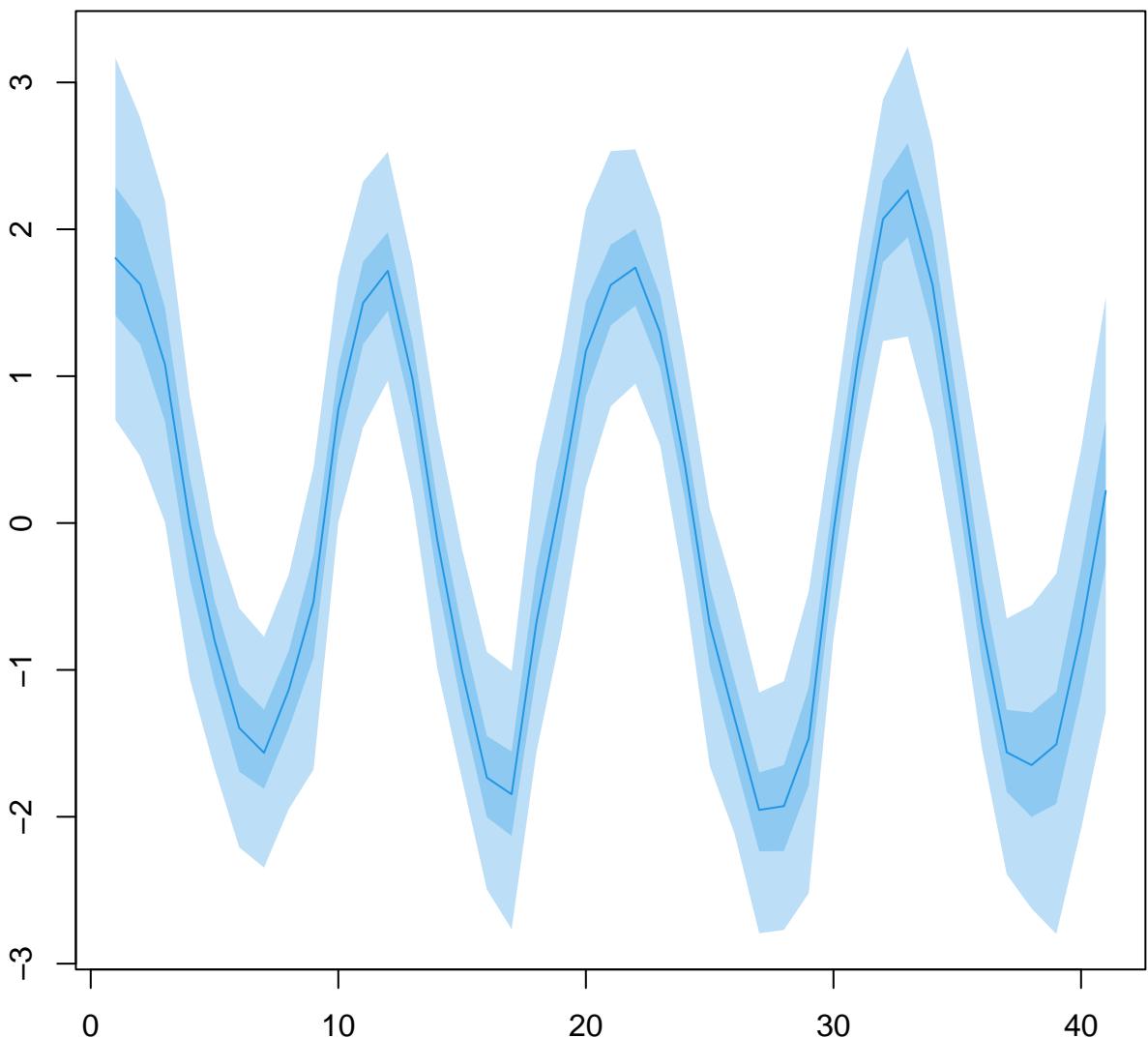




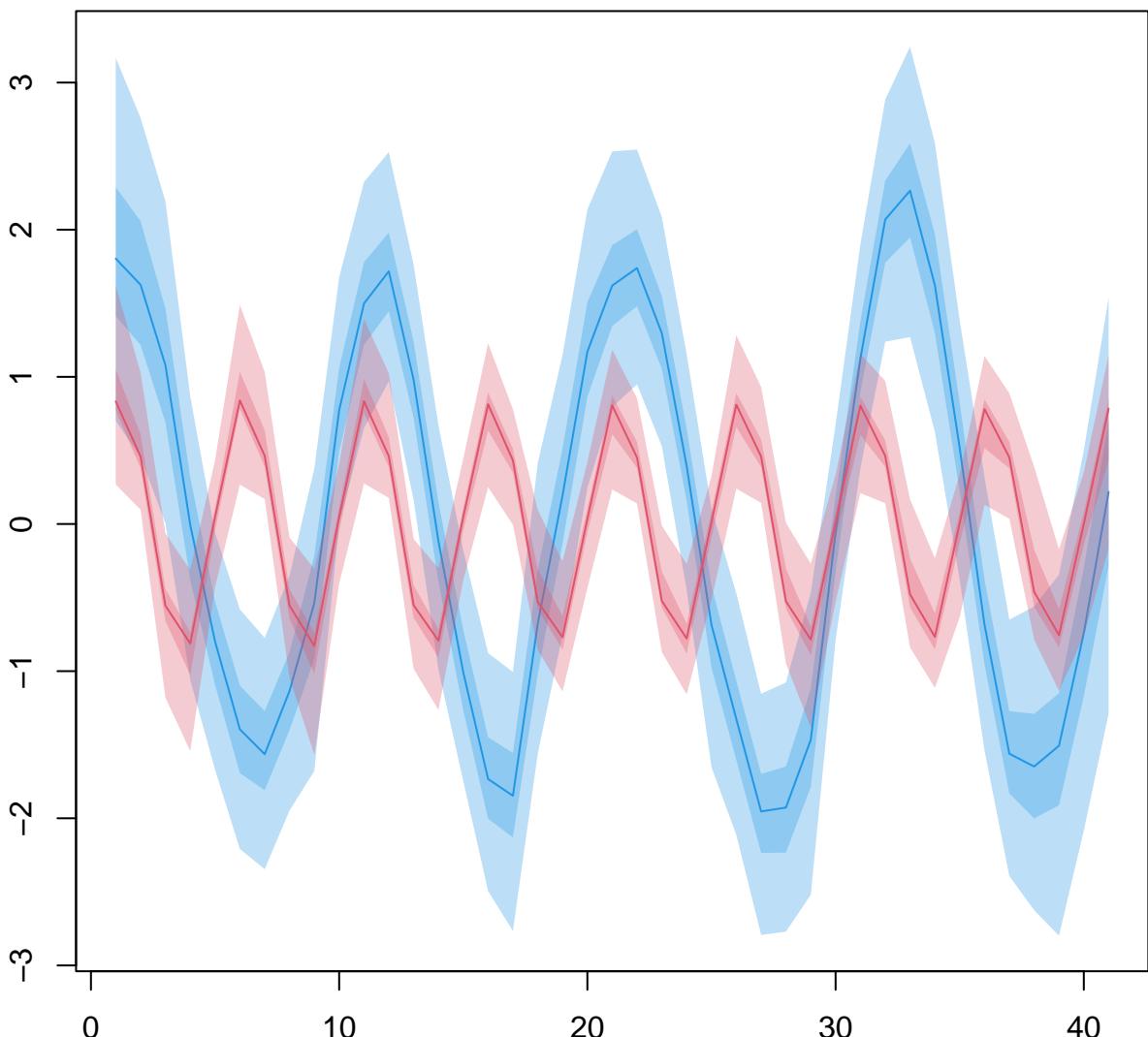
# trend

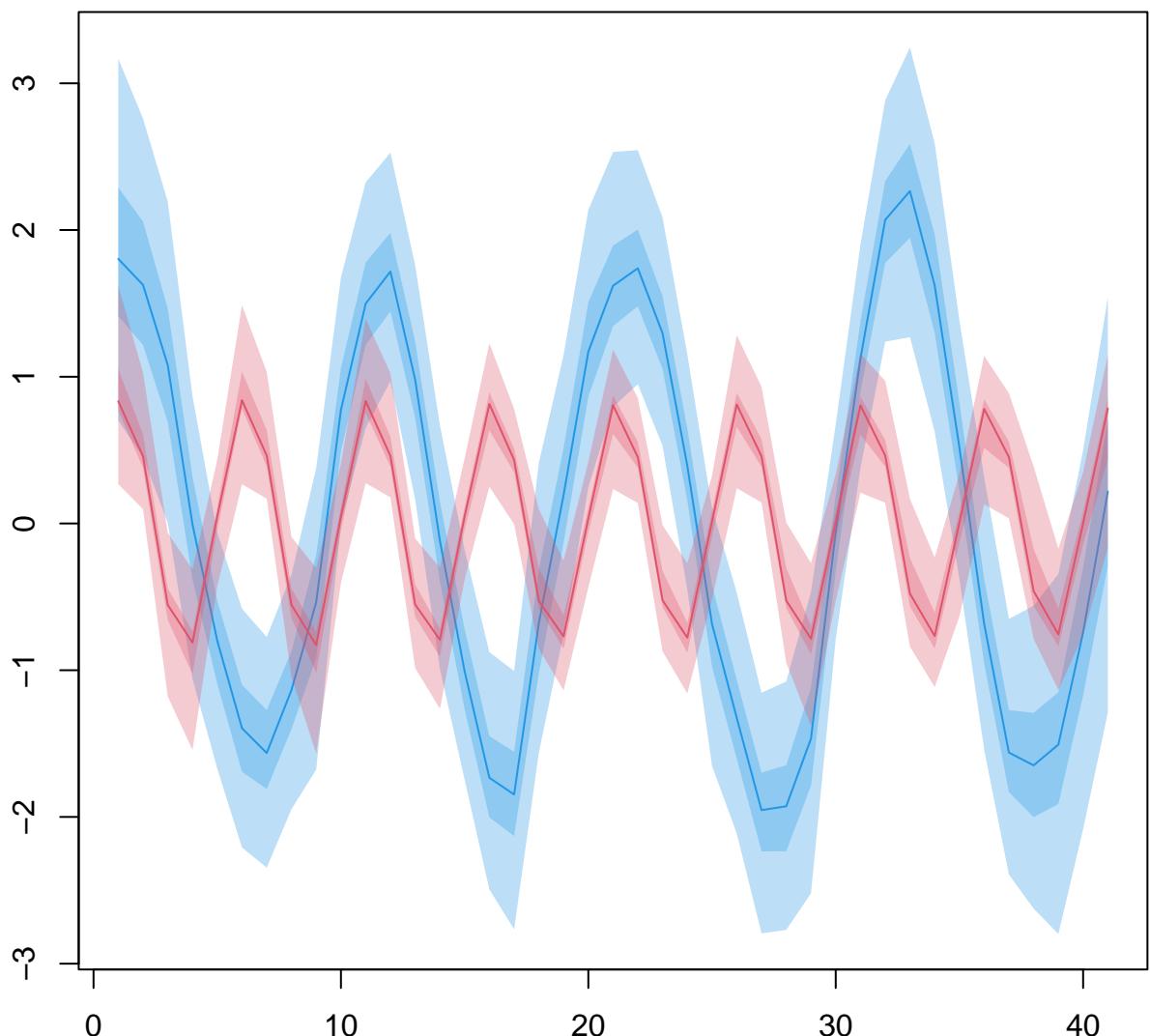


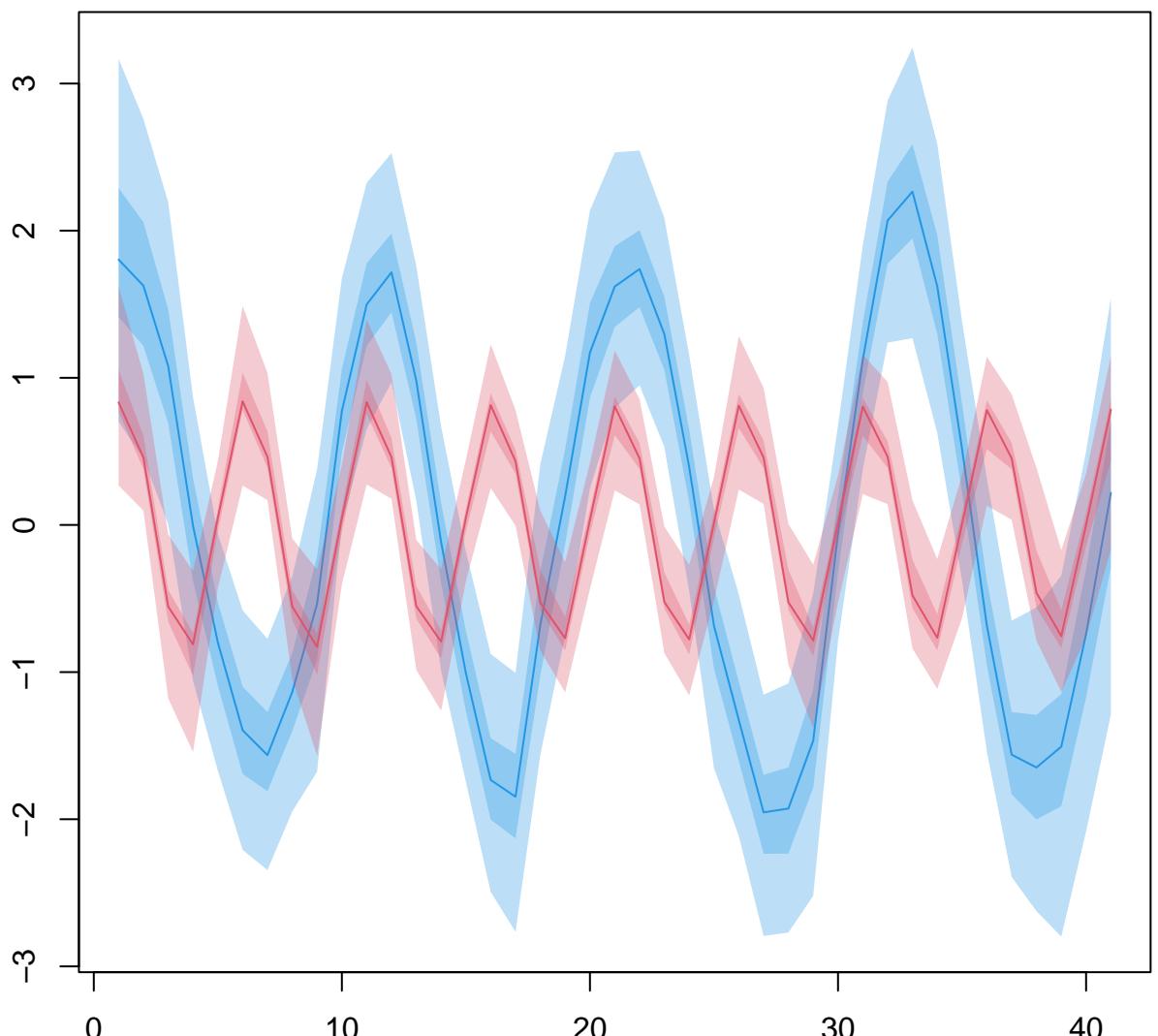
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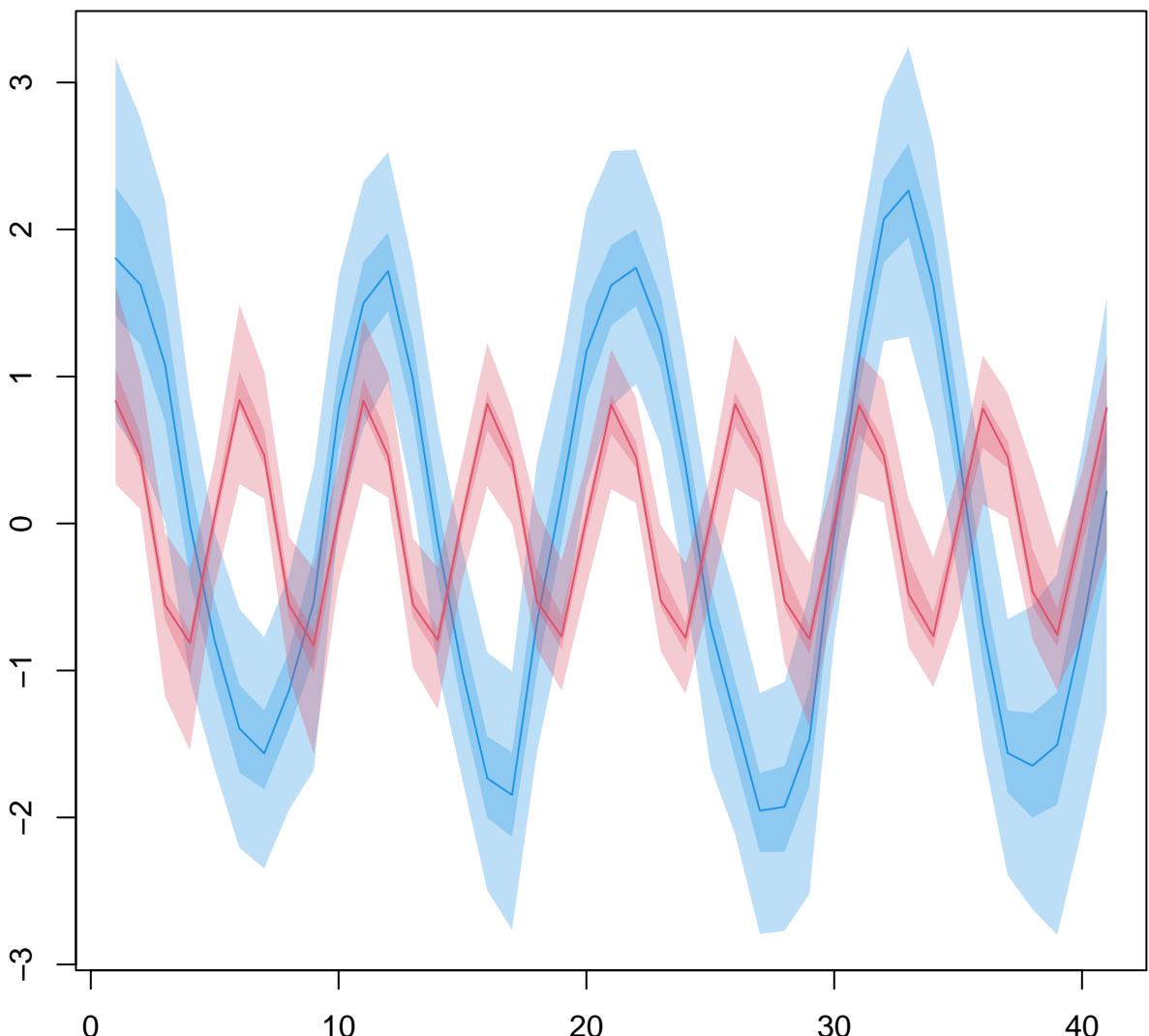
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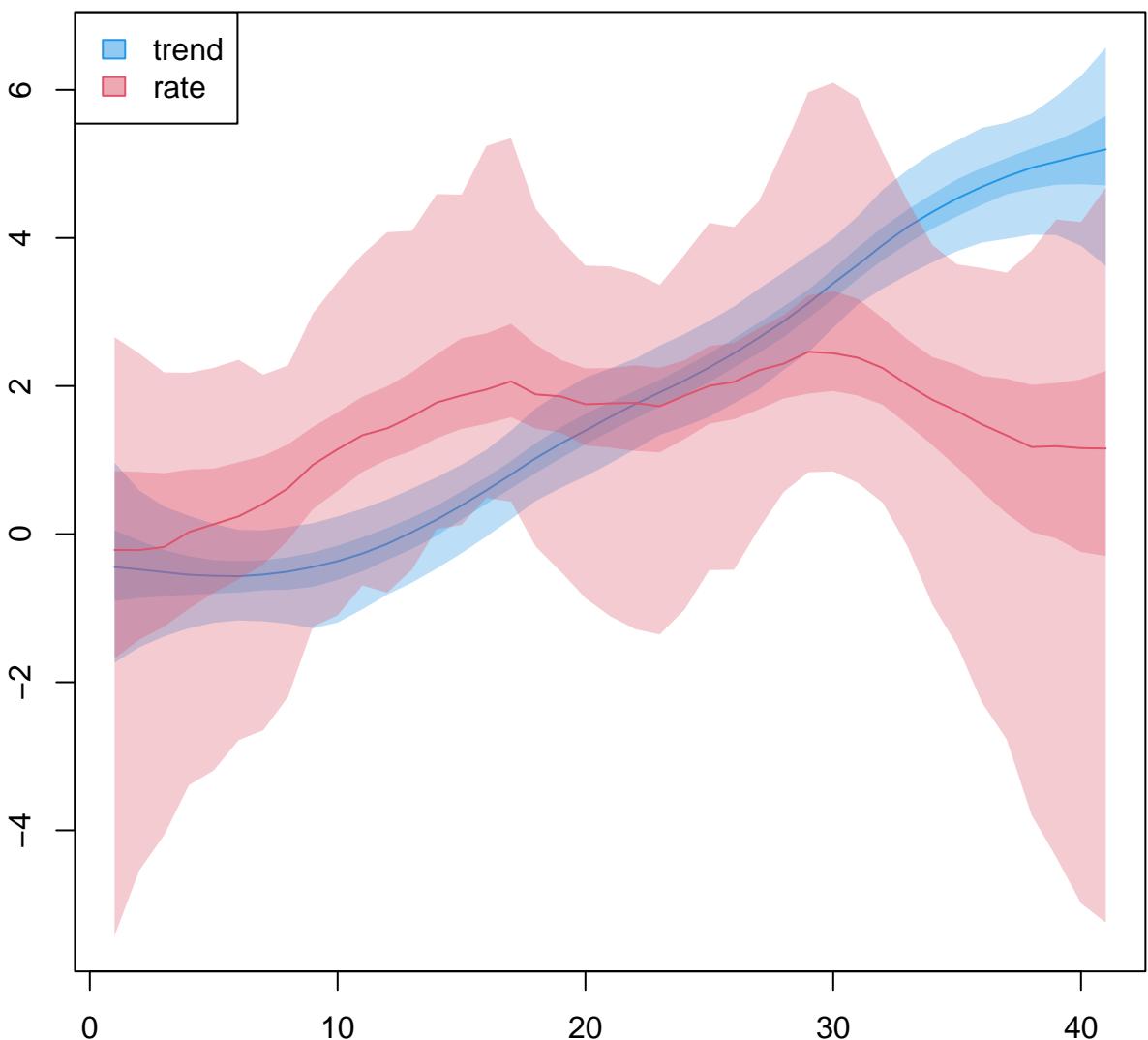


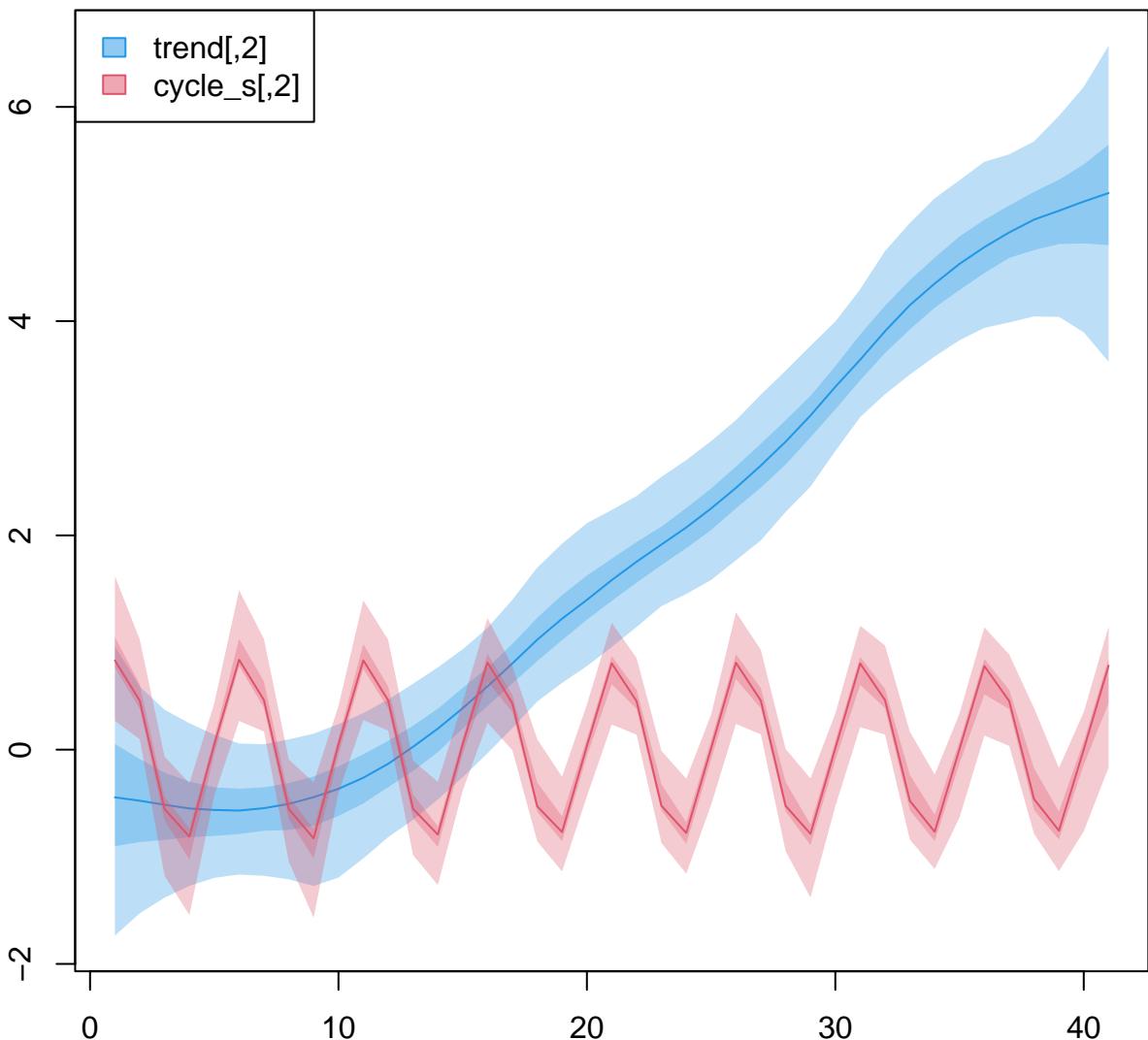


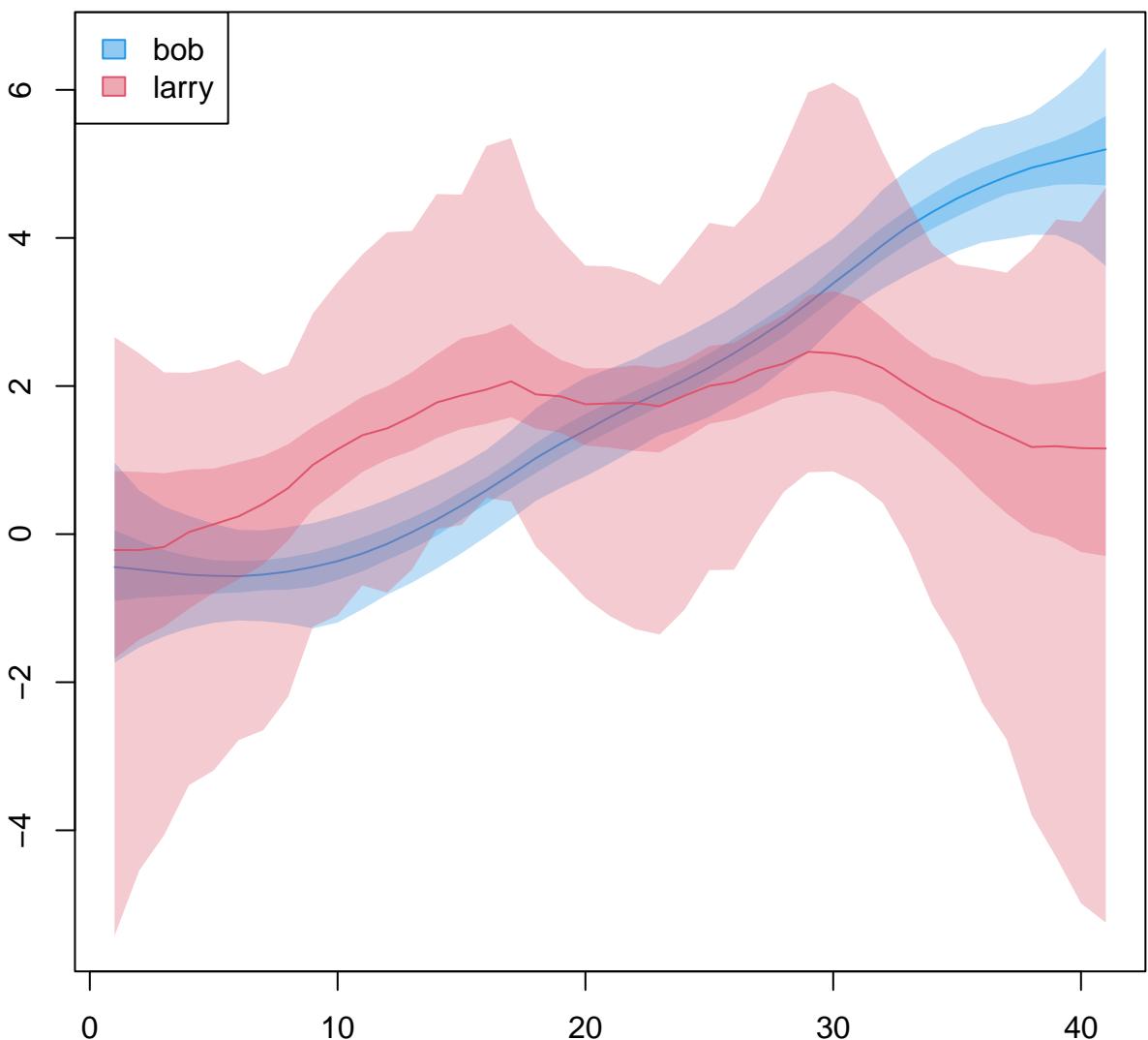


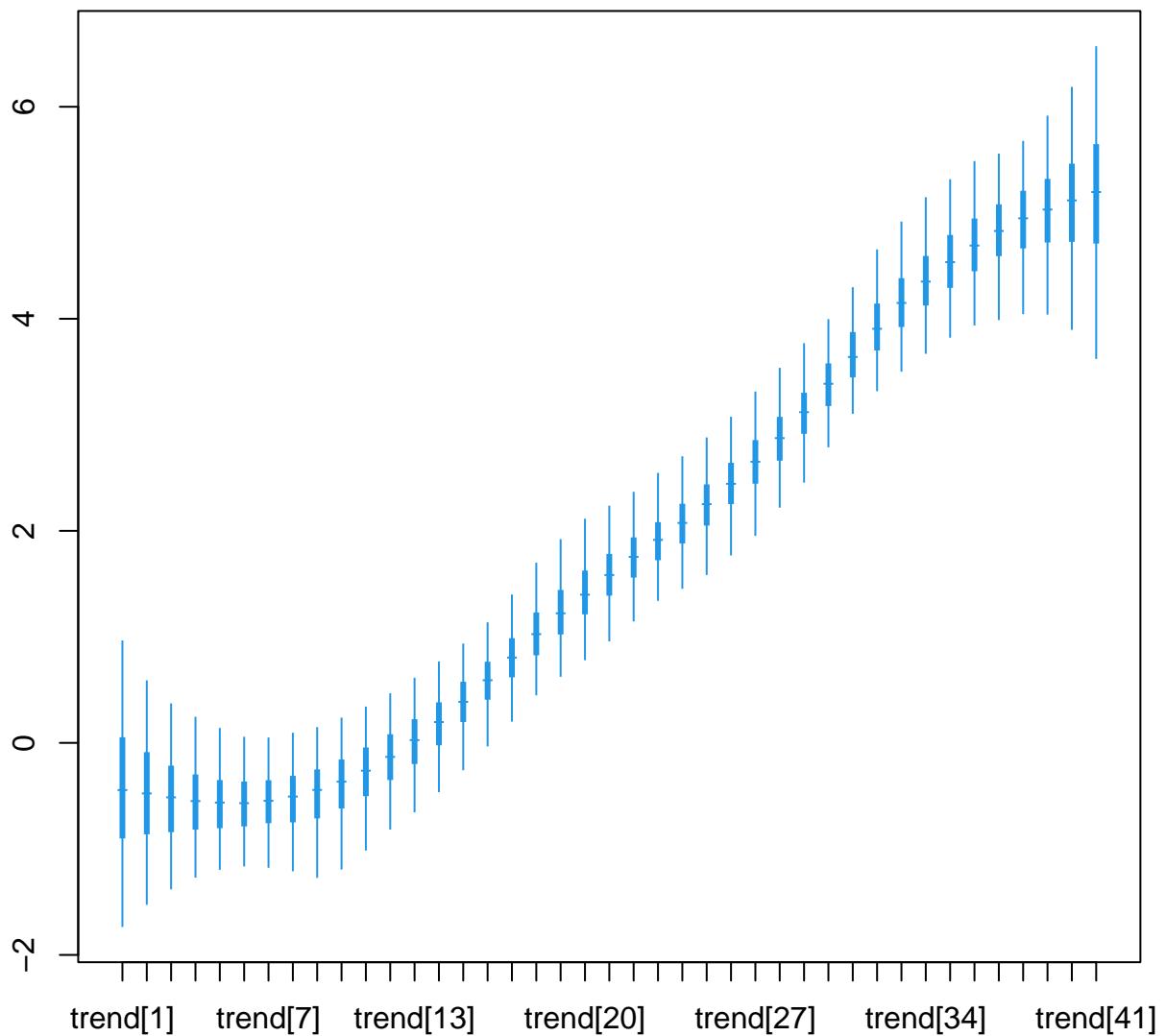
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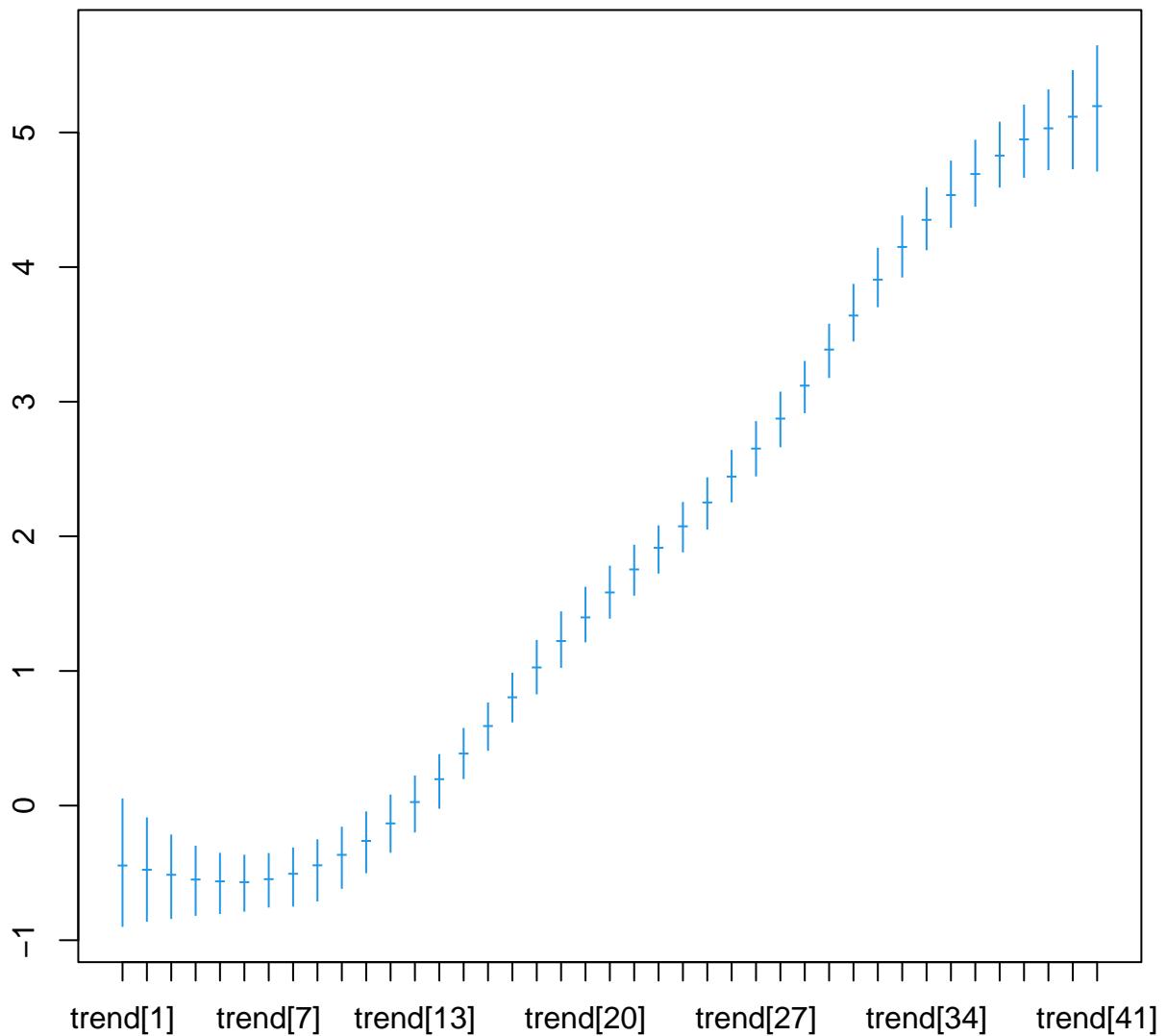


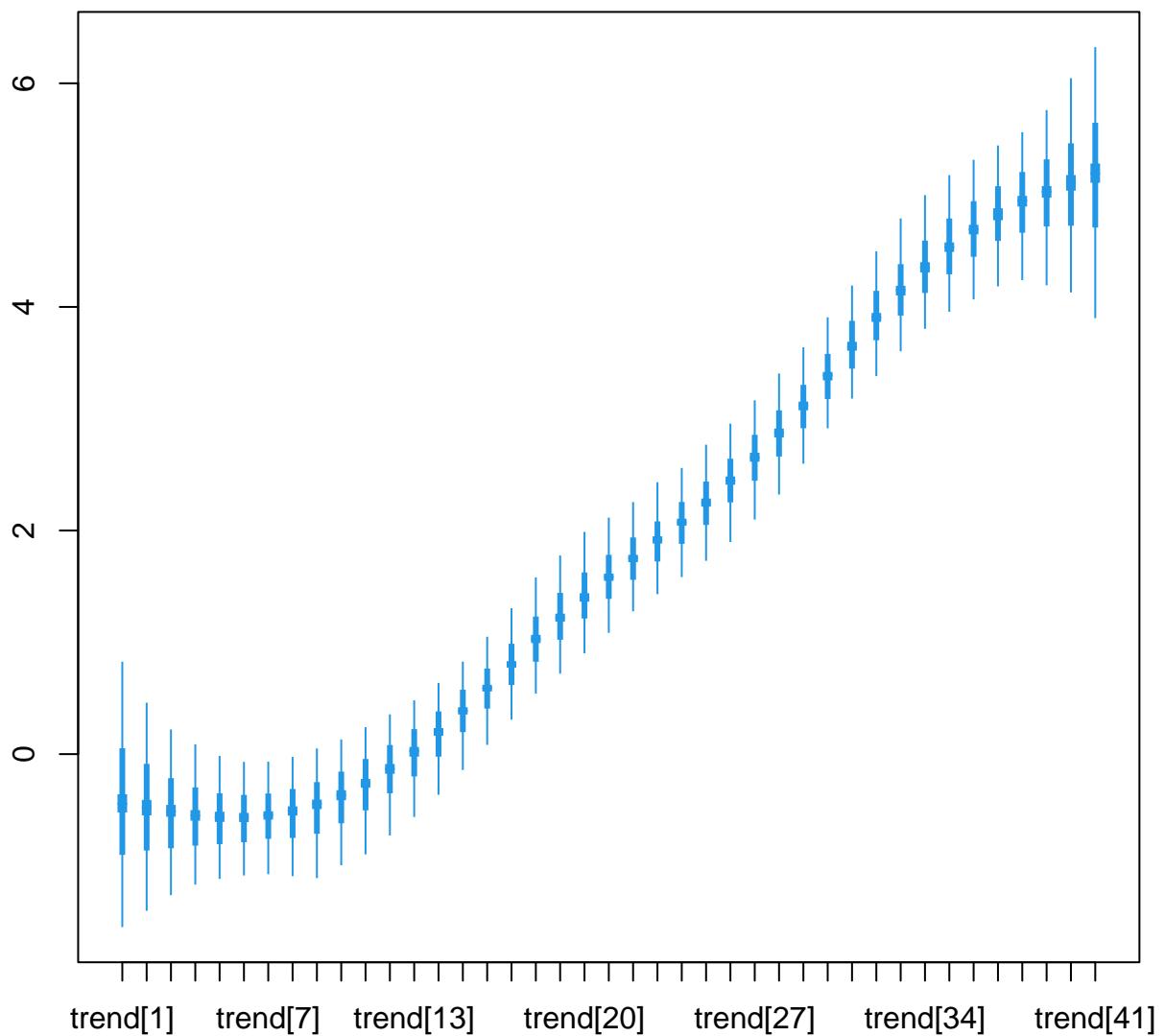




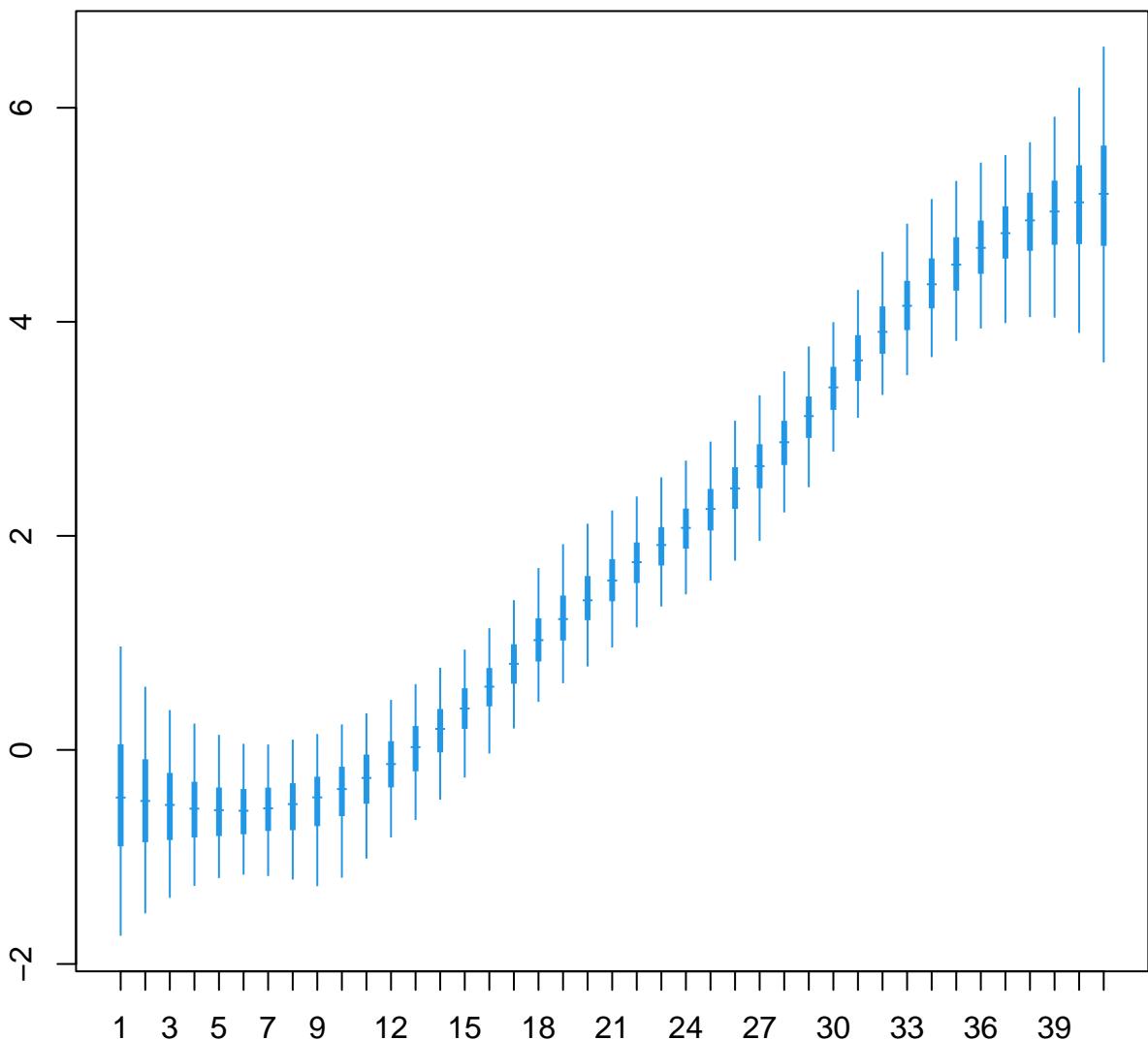




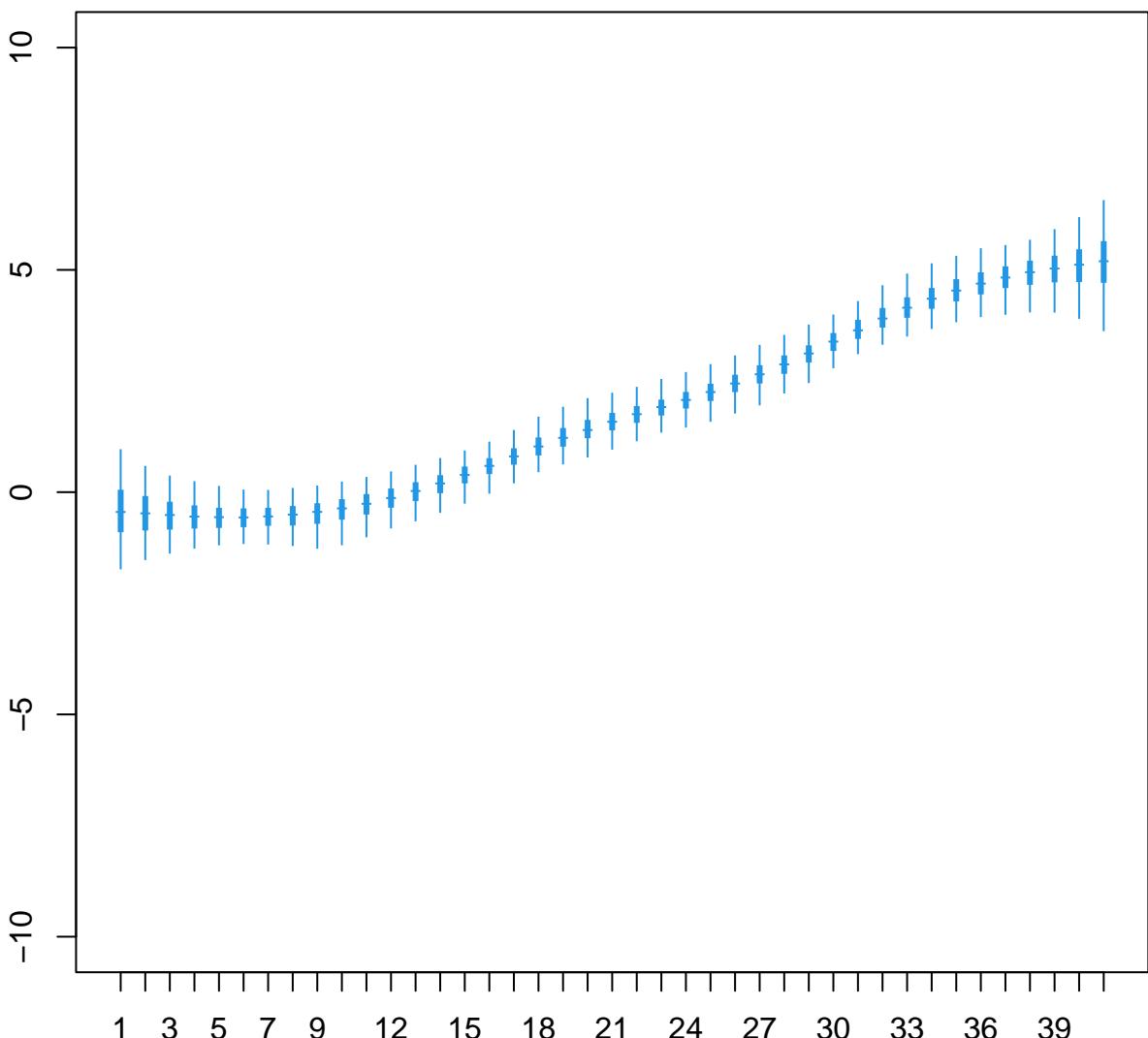




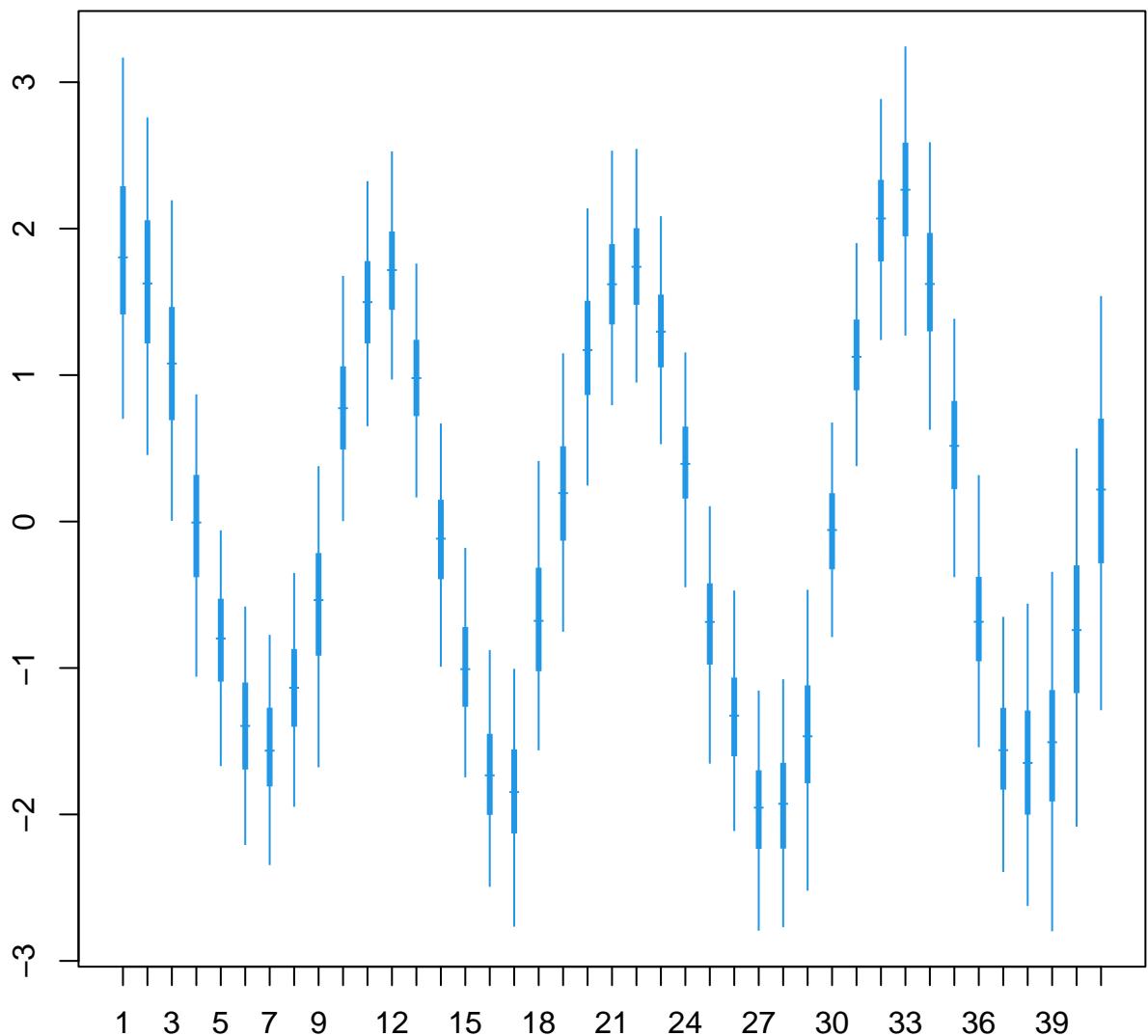
# trend



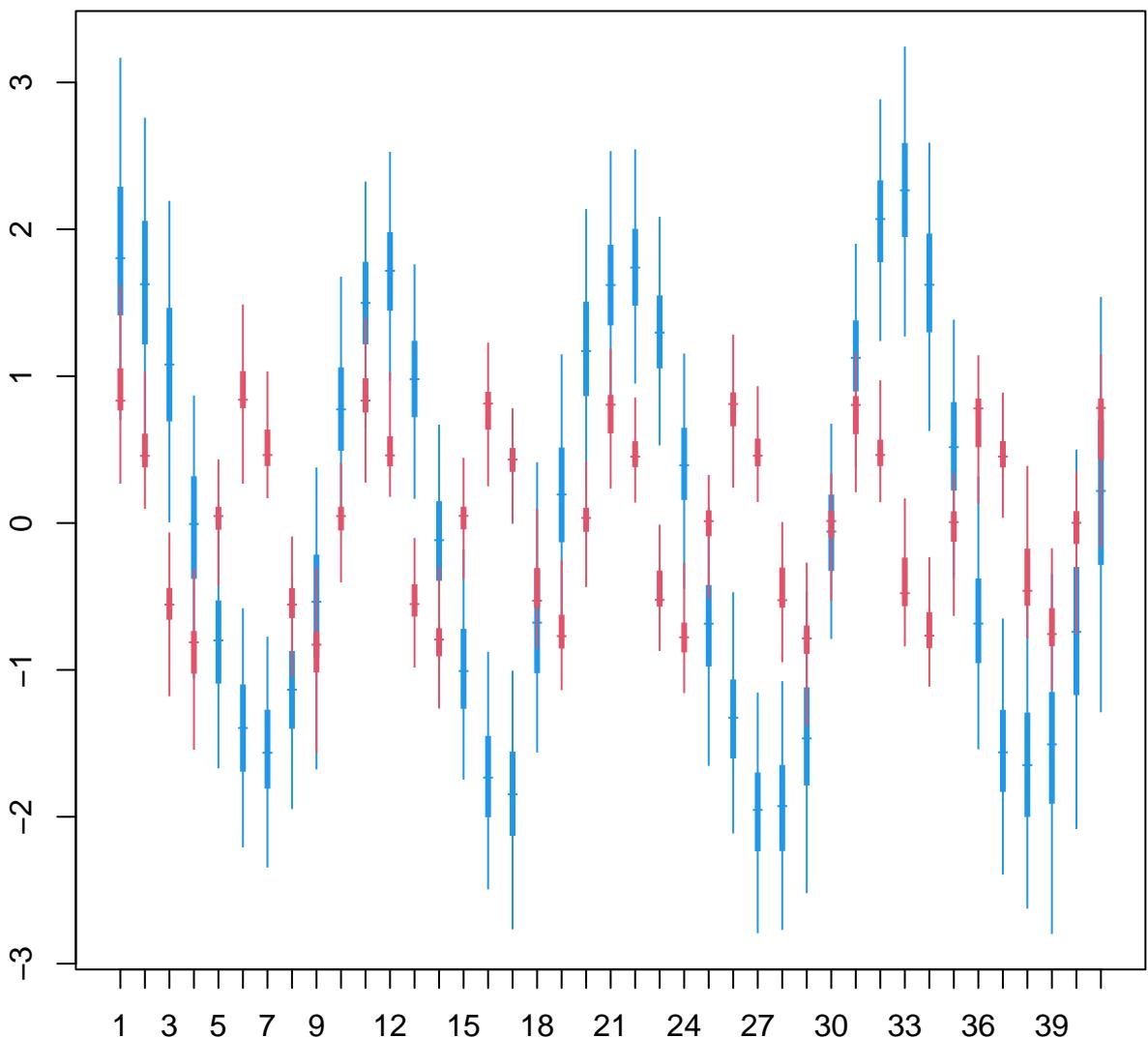
### trend

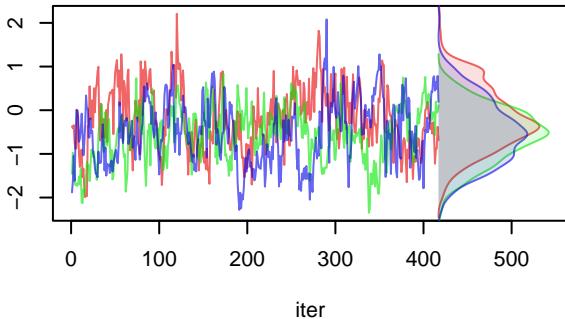
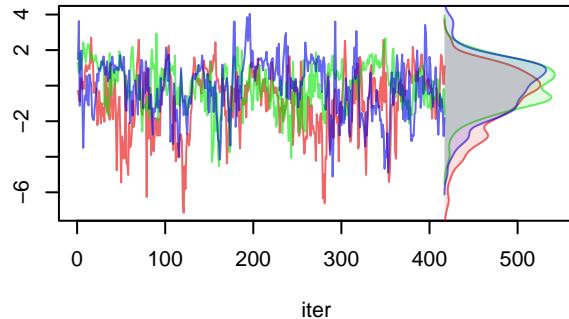
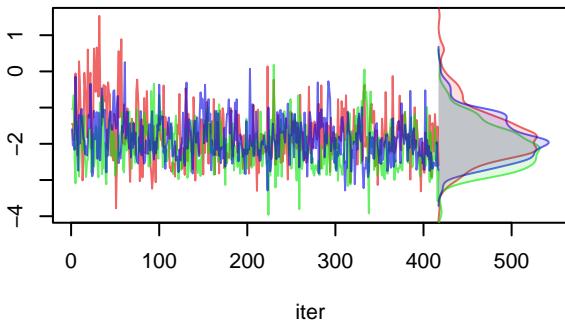
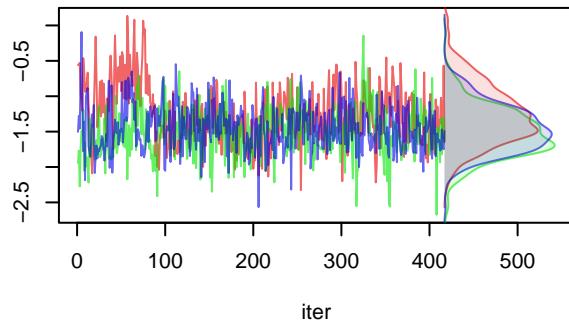
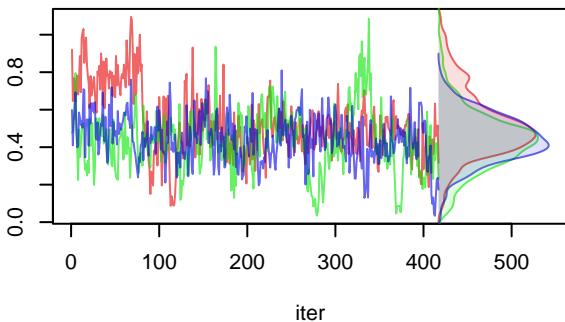
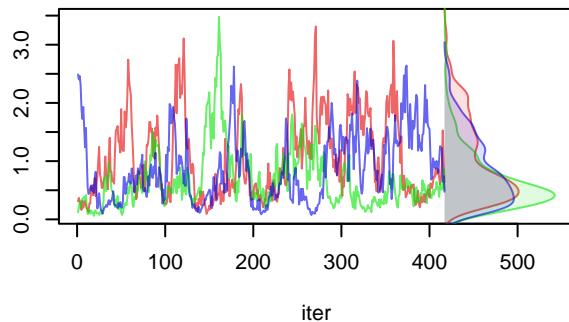


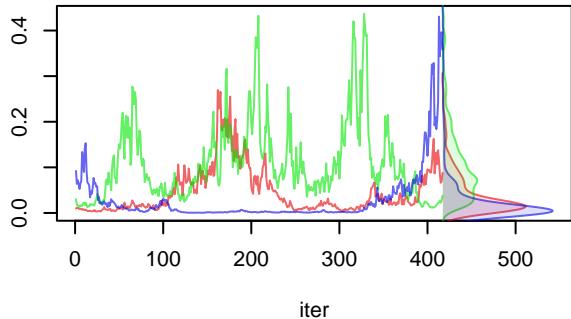
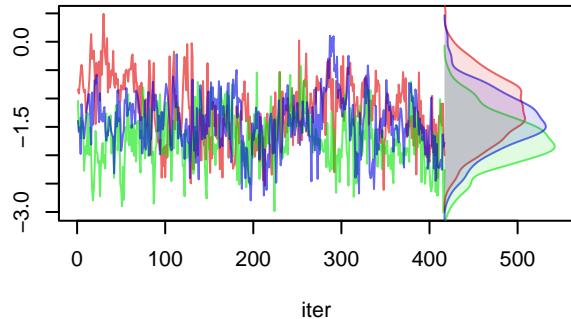
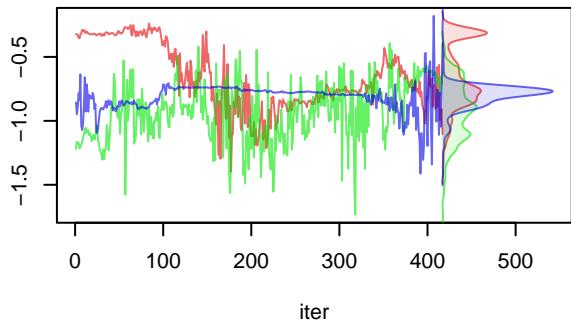
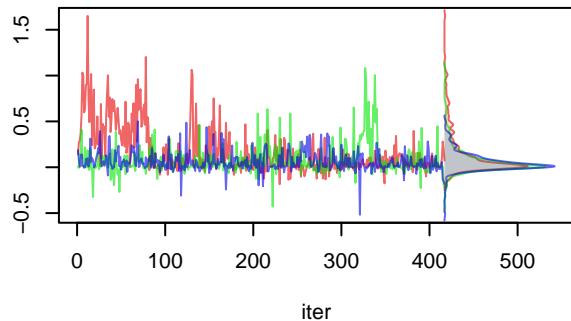
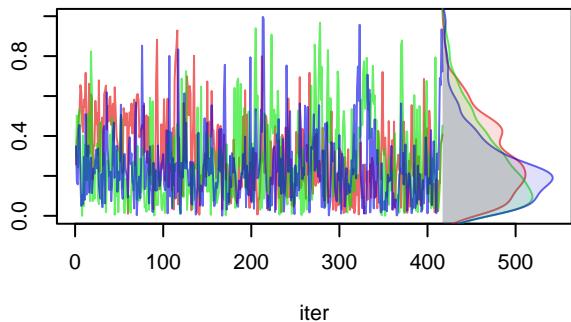
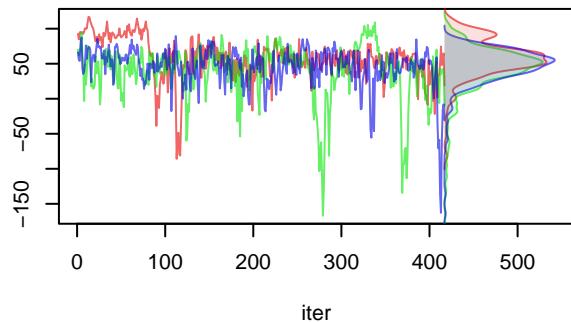
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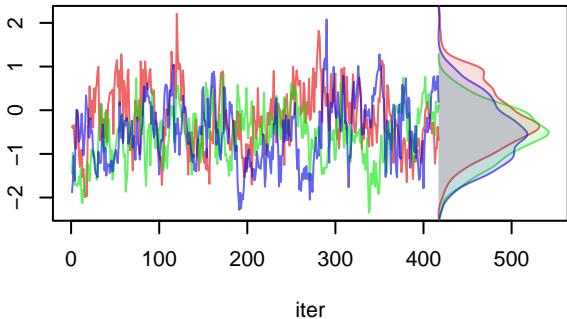
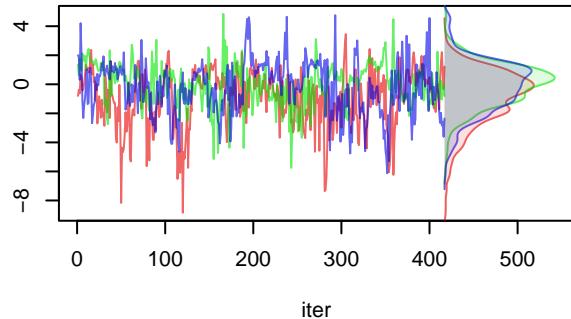
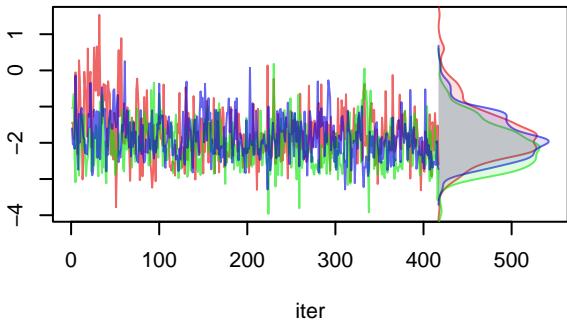
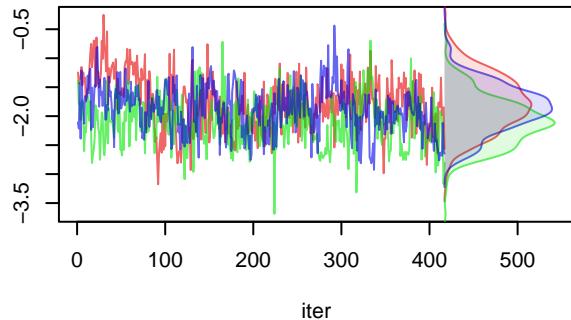
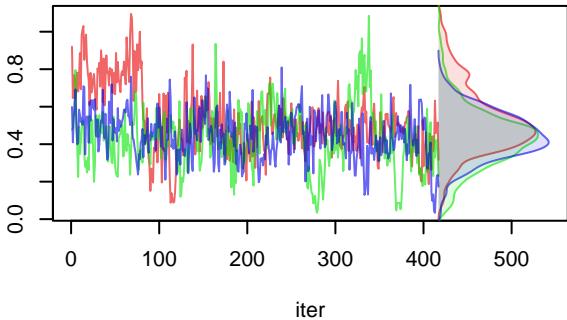
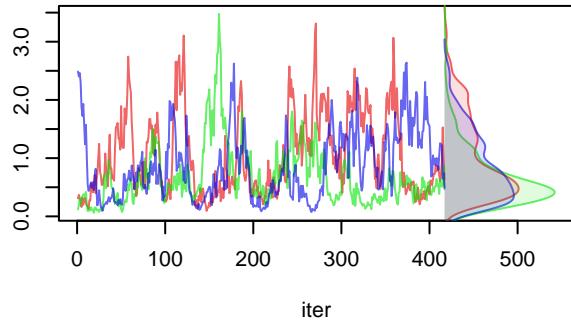


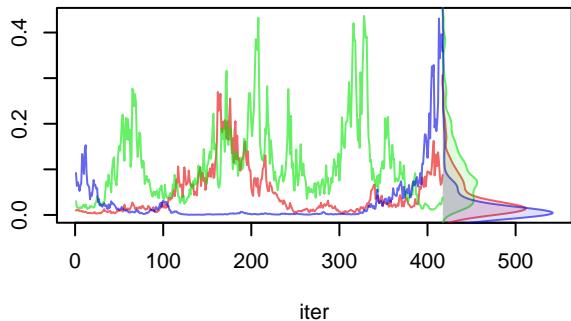
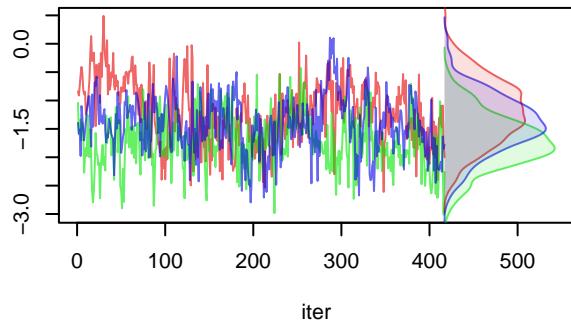
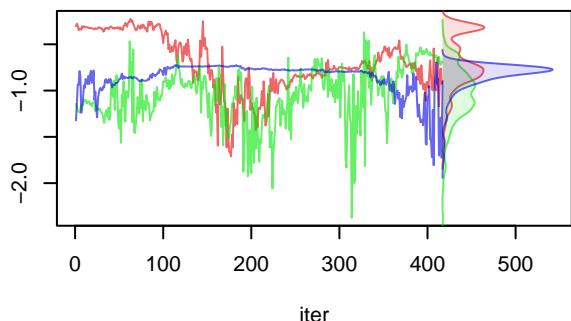
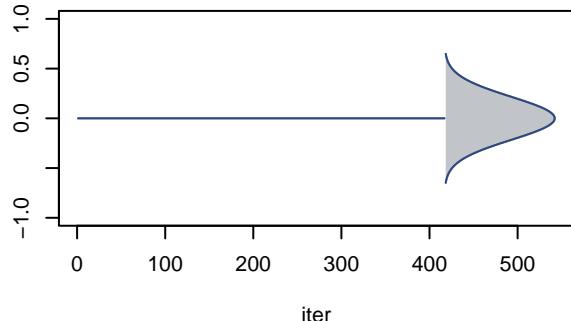
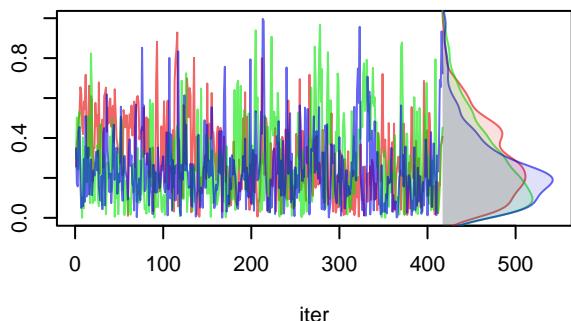
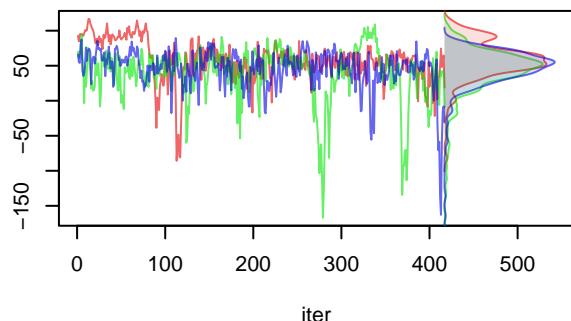
# cycle\_s



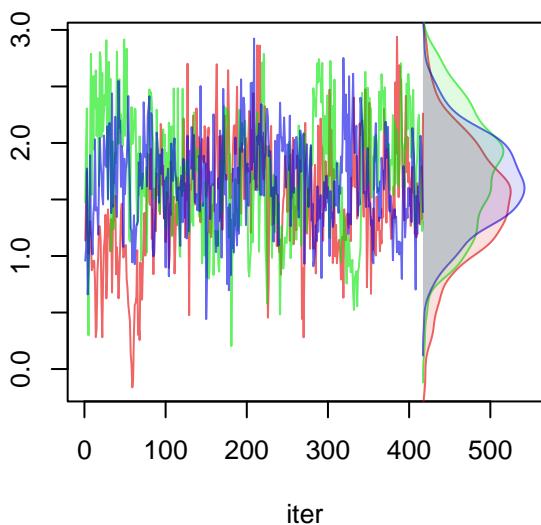
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**sig\_omega[2]****cycle[9]****cycle\_s[14,2]****ar1[21]****phi****deviance**

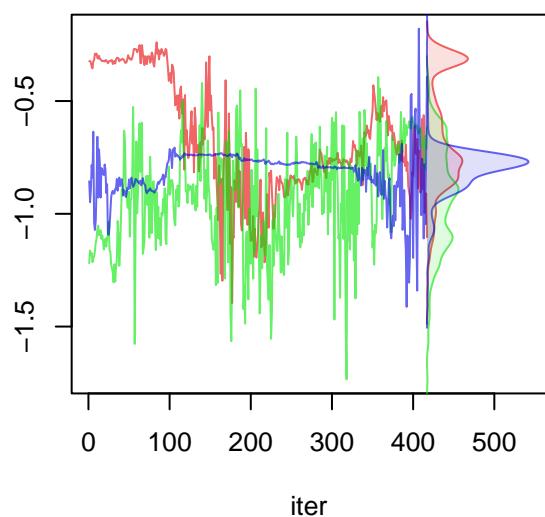
**trend[1]****rate[2]****ypp[9]****fit[9]****sig\_eps****sig\_xi**

**sig\_omega[2]****cycle[9]****cycle\_s[9,2]****ar1[1]****phi****deviance**

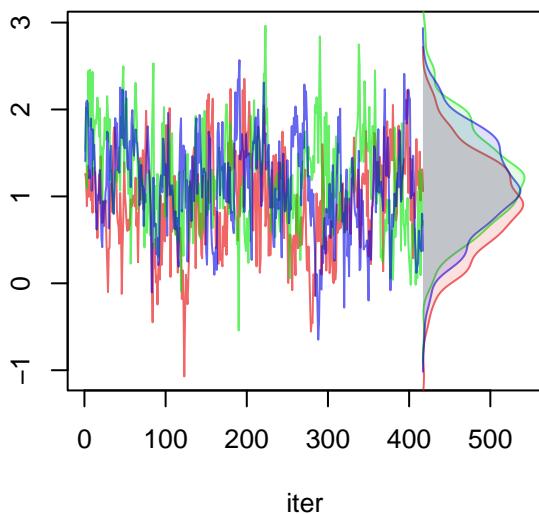
**cycle\_s[34,1]**



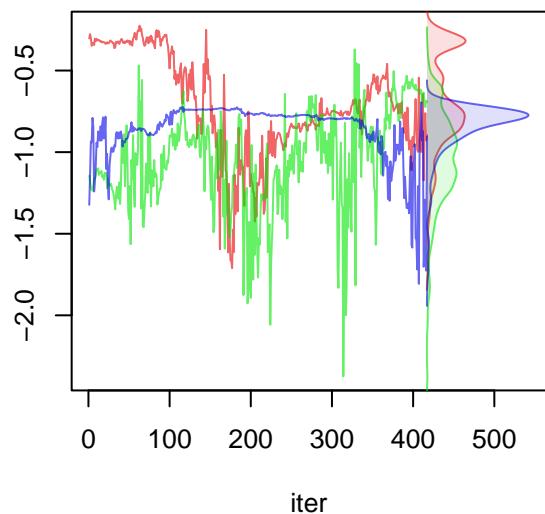
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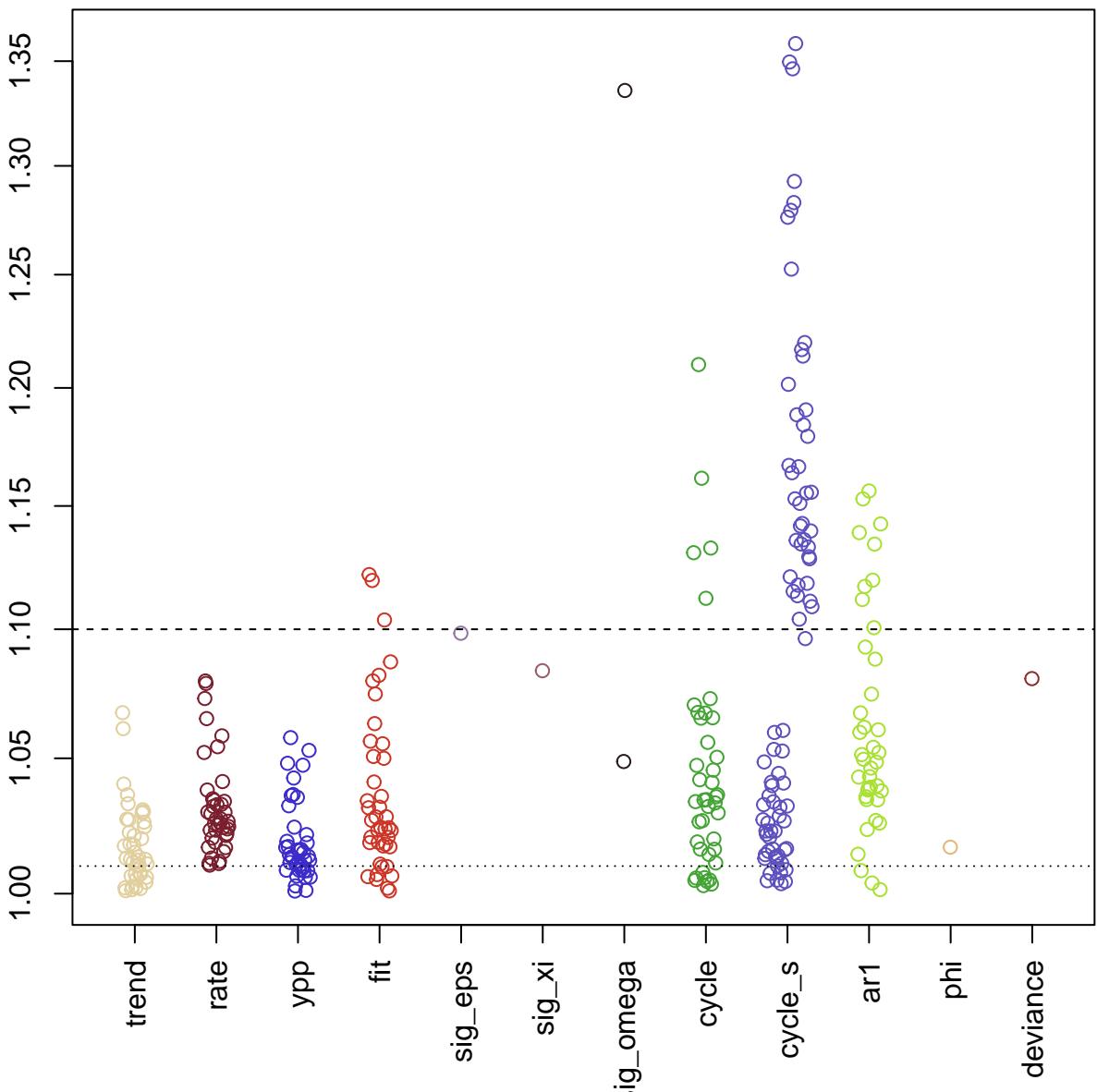
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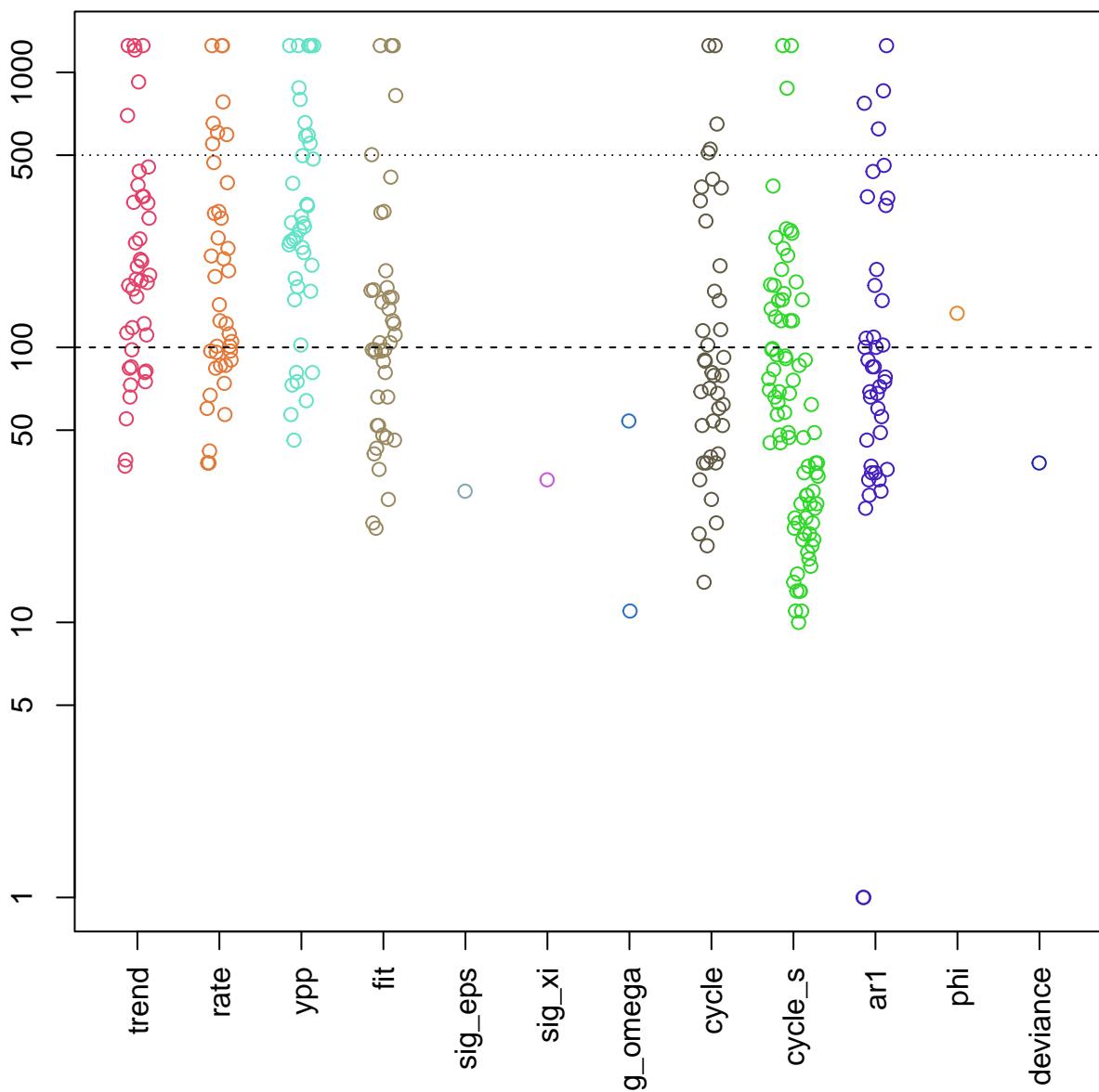
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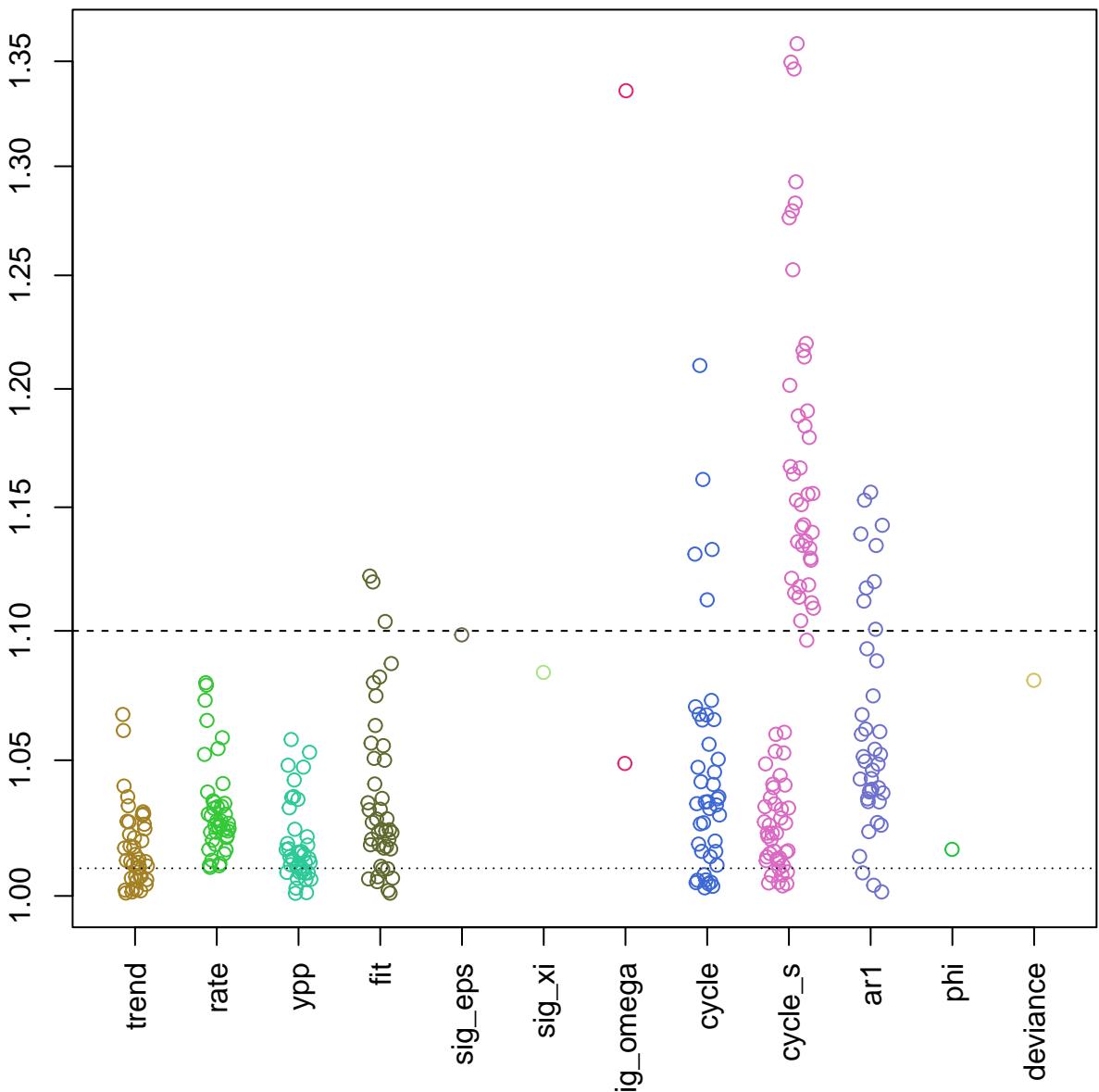
# R hat



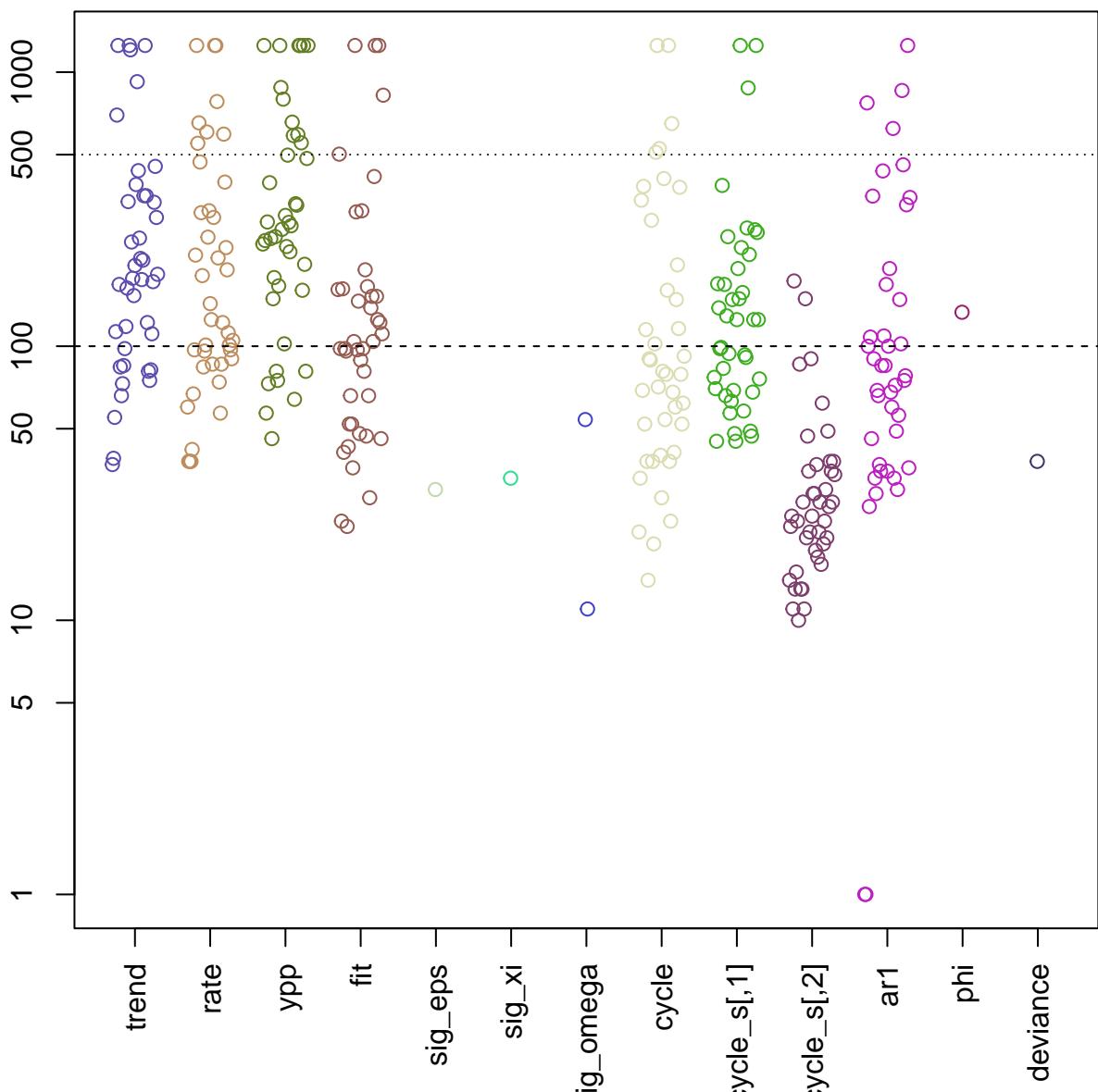
# n eff



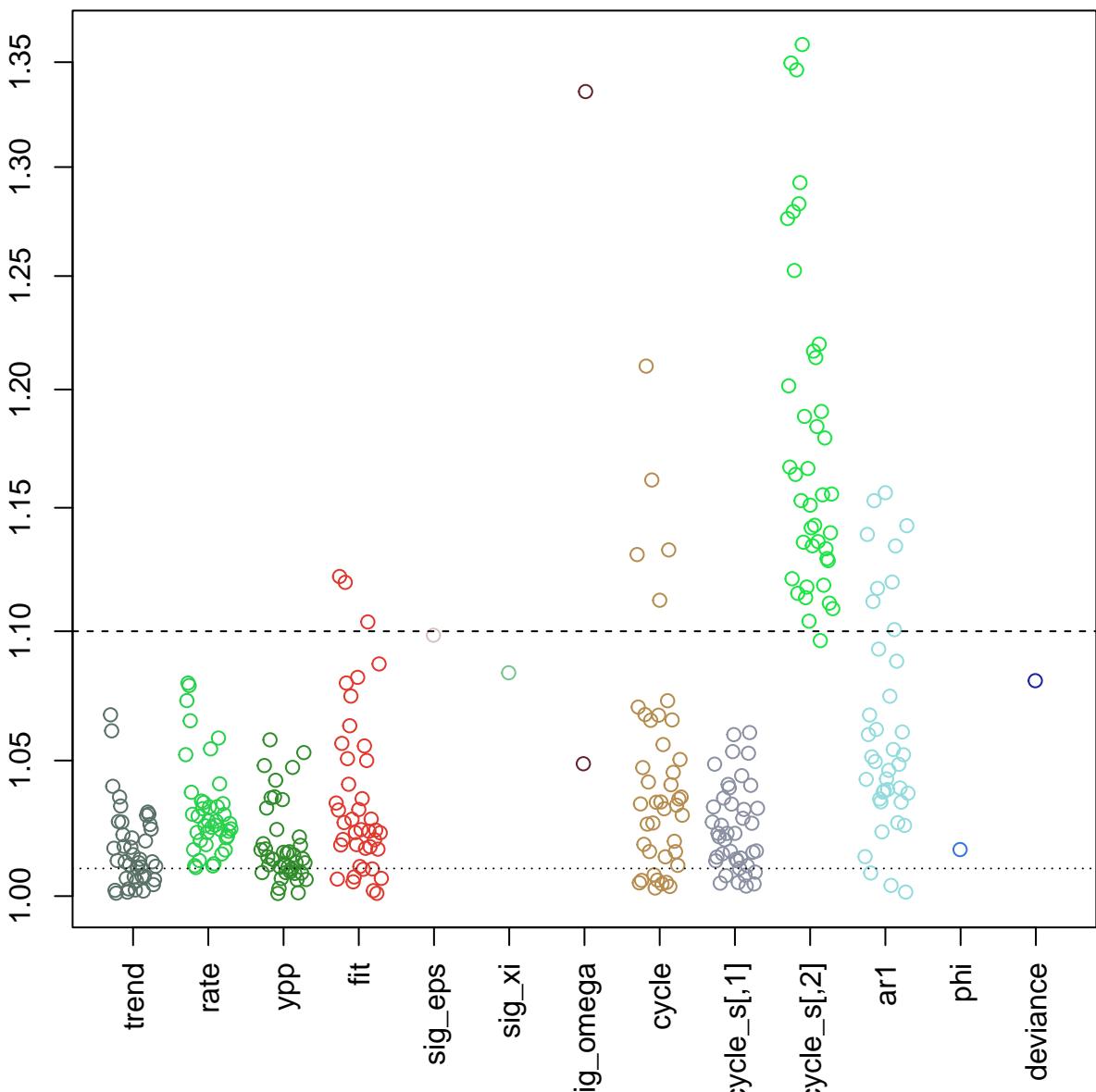
# R hat



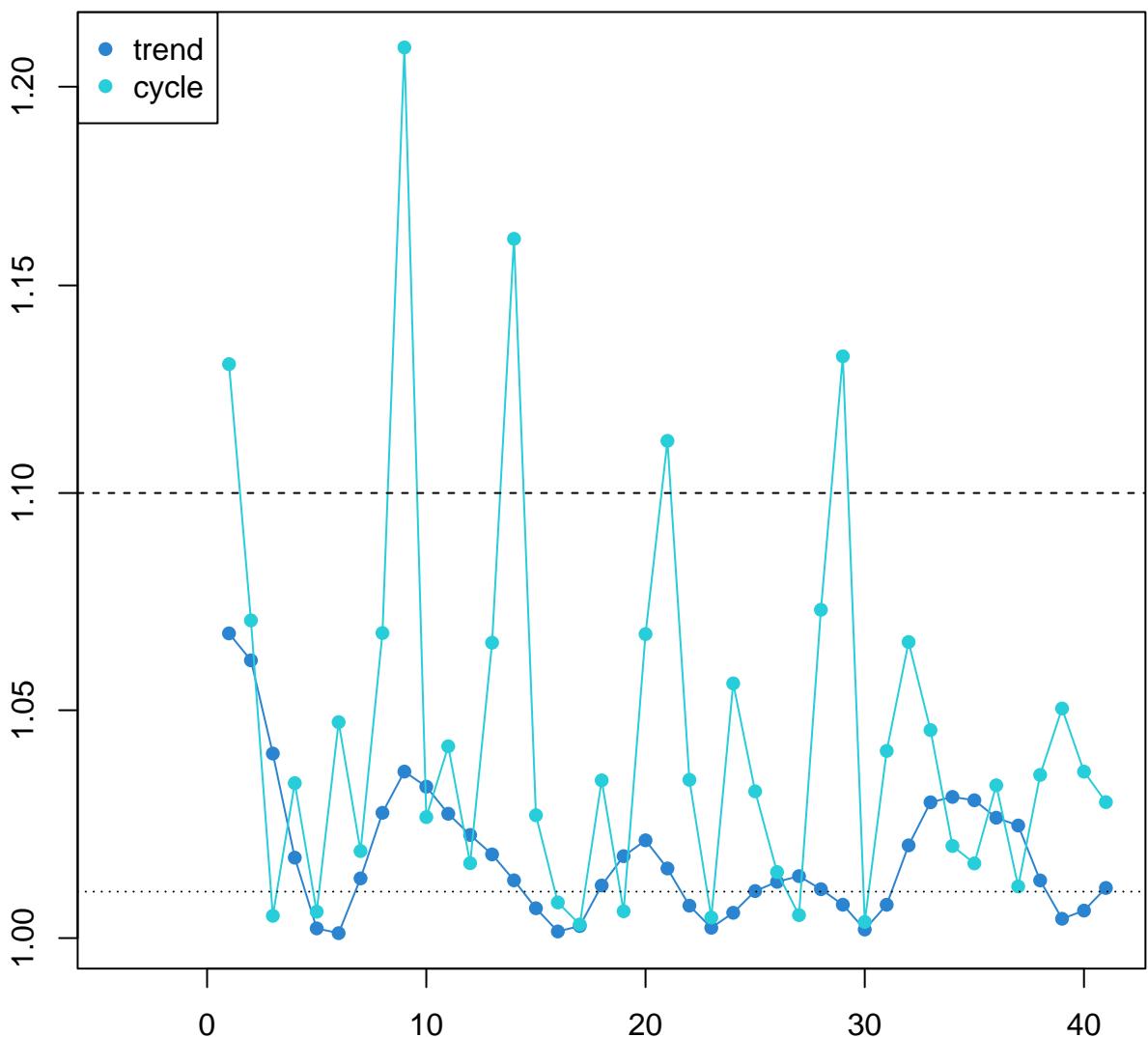
**n eff**

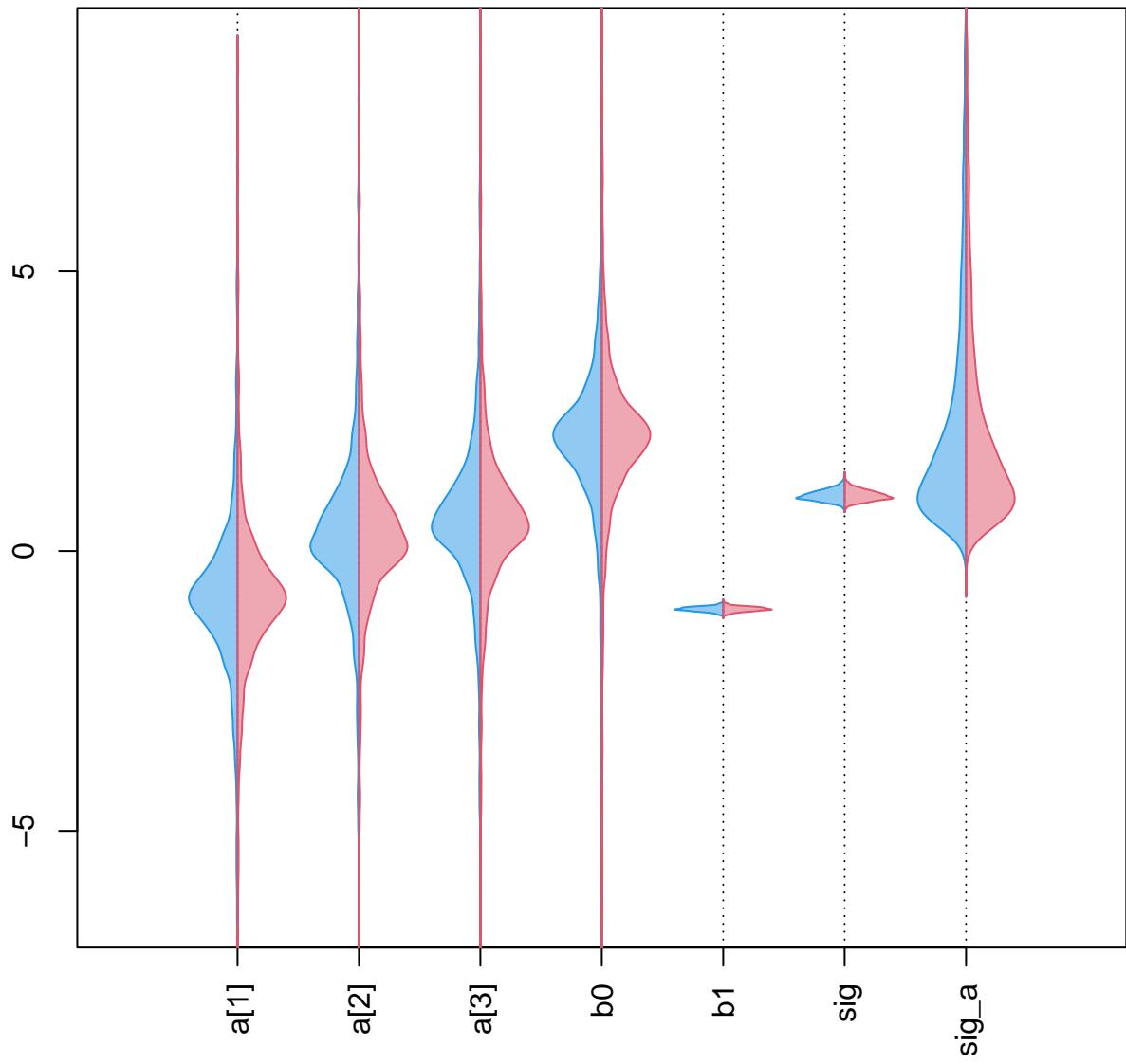


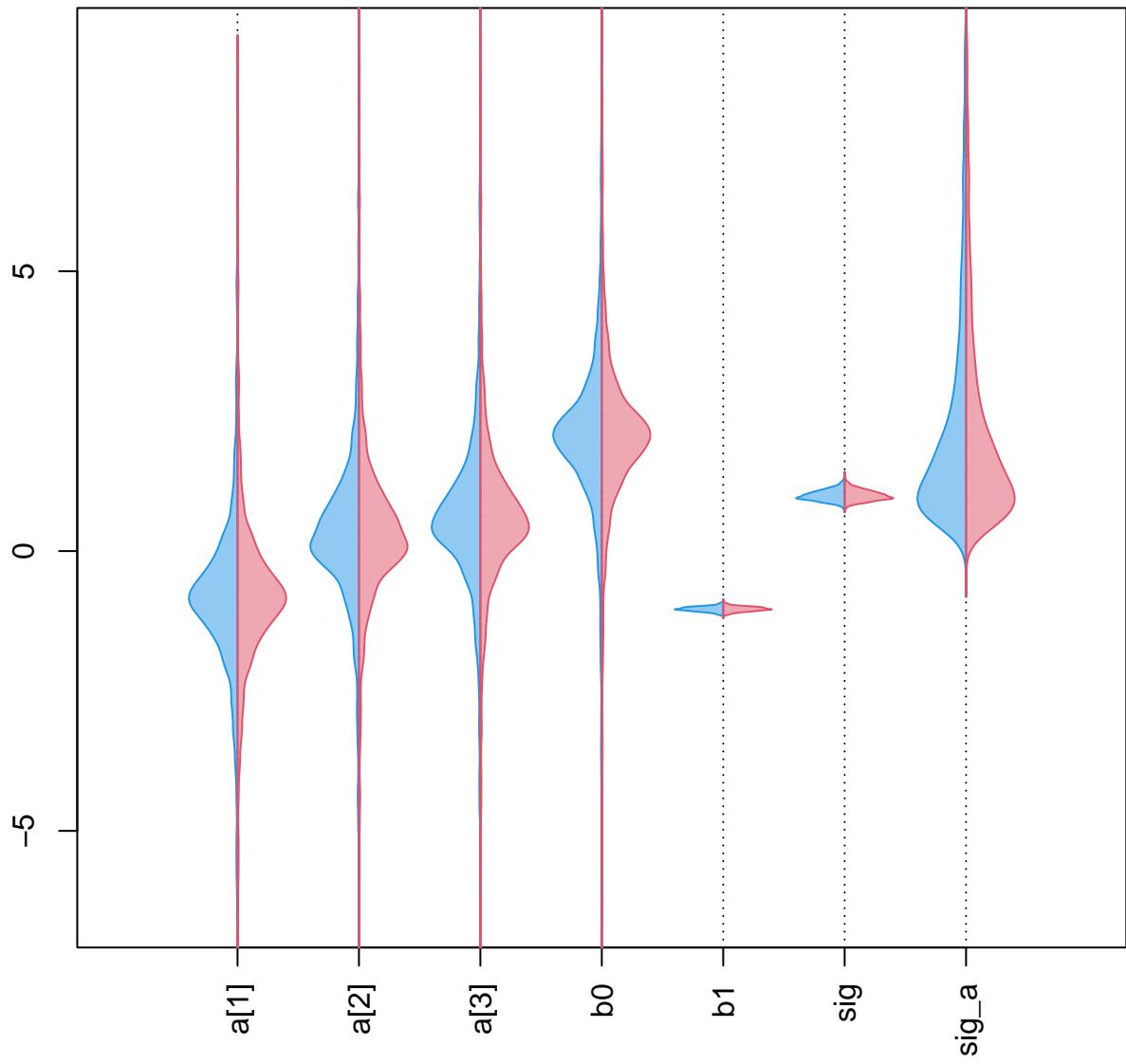
**R hat**

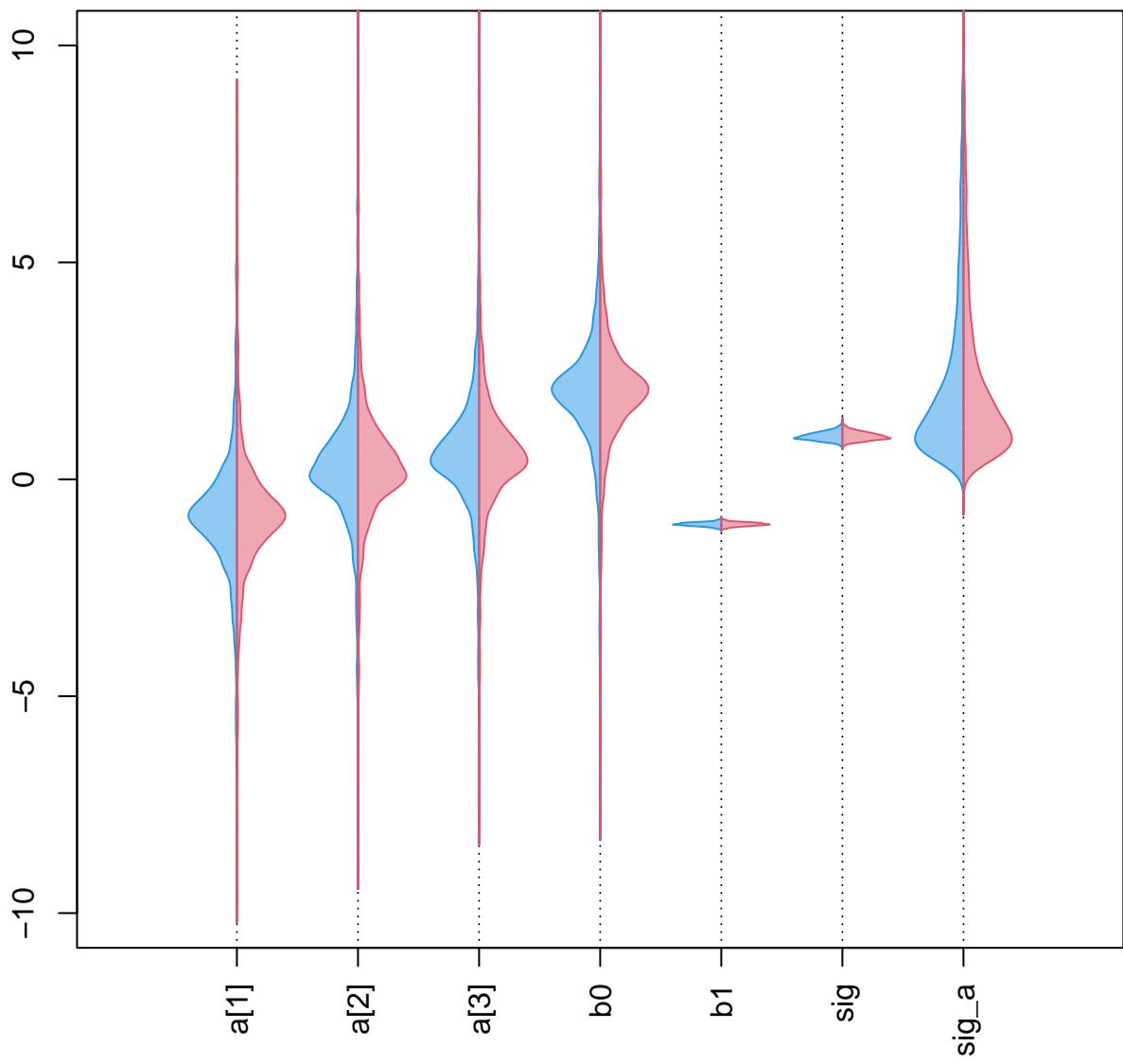


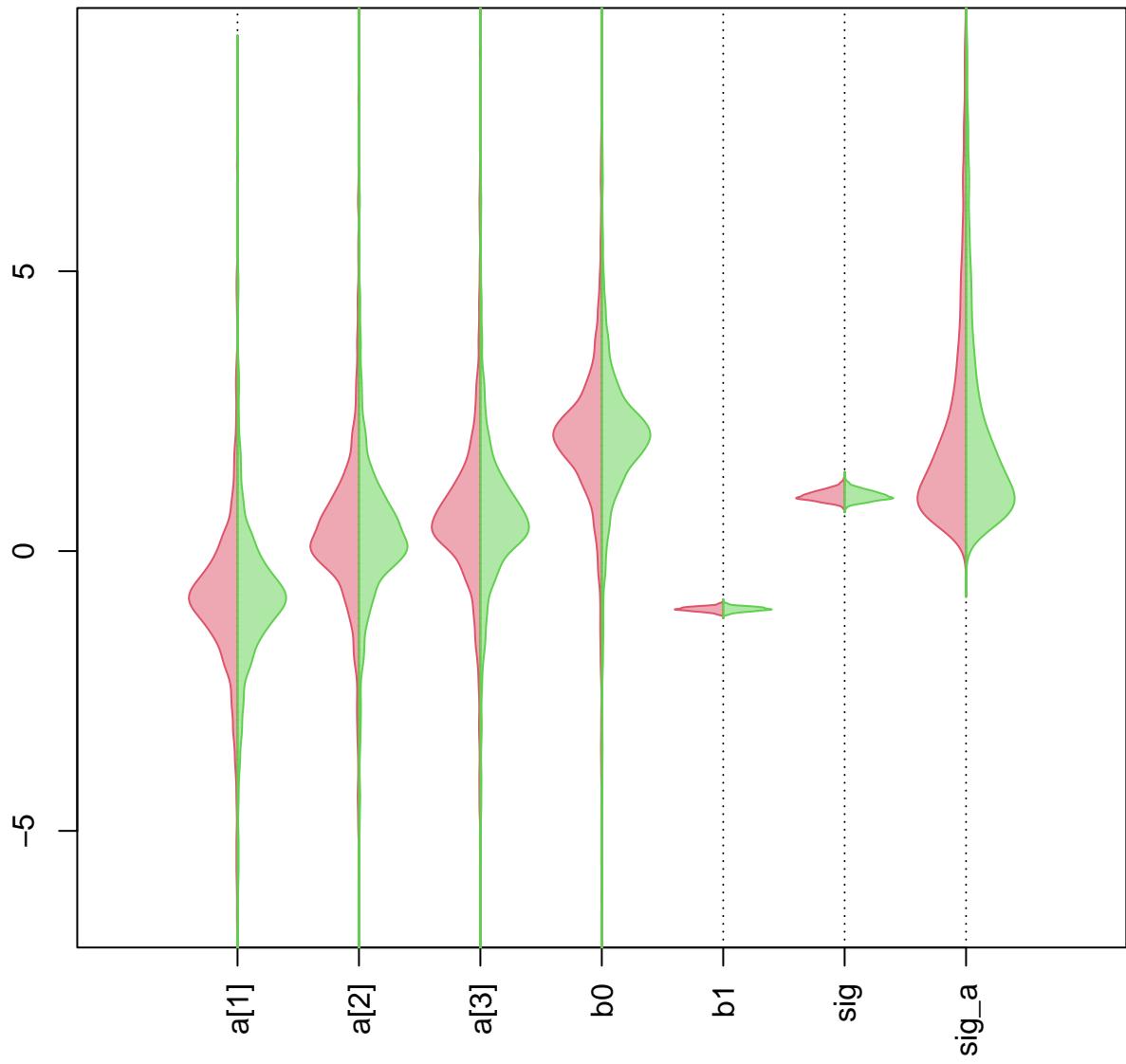
# R hat

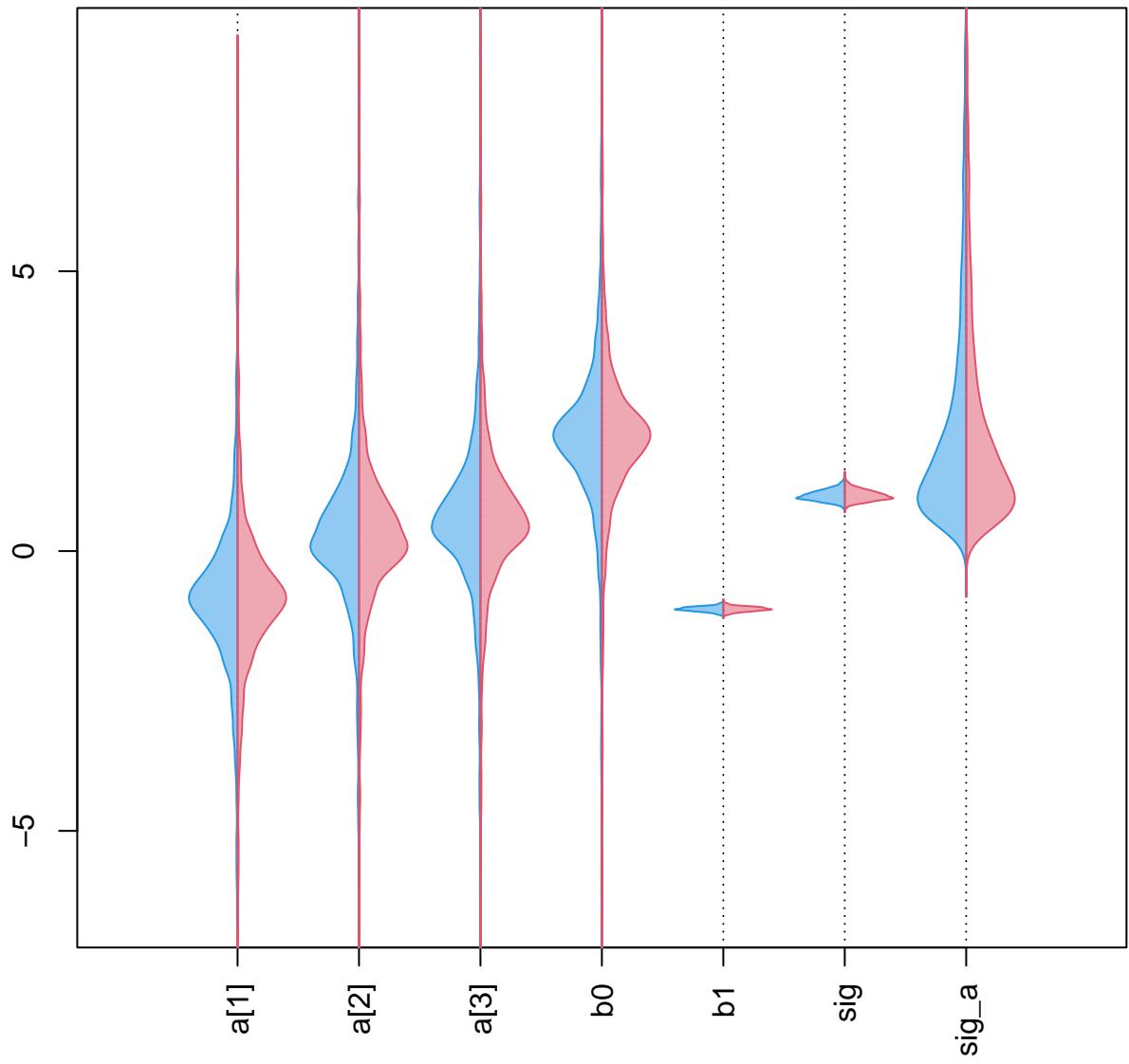


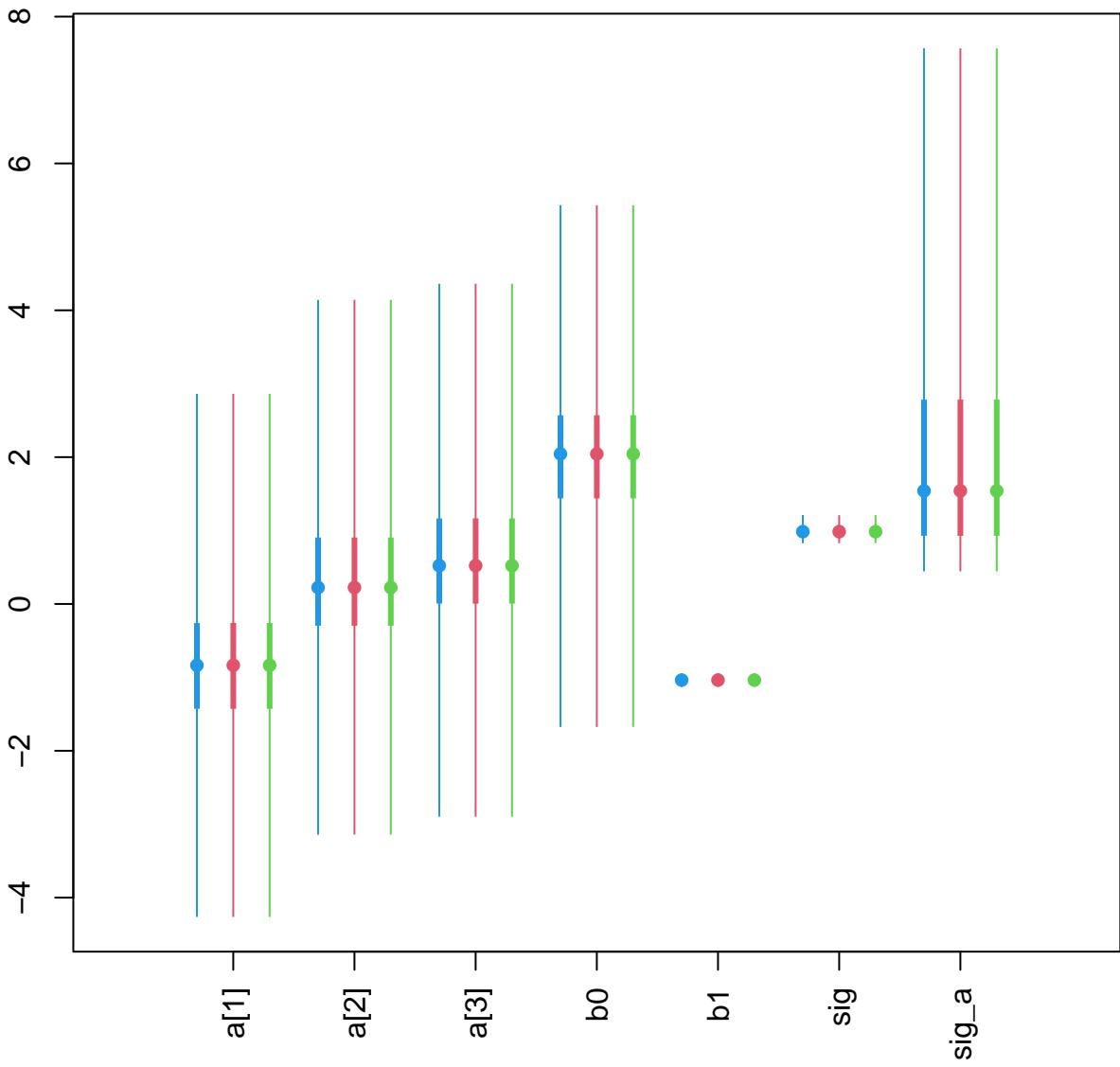


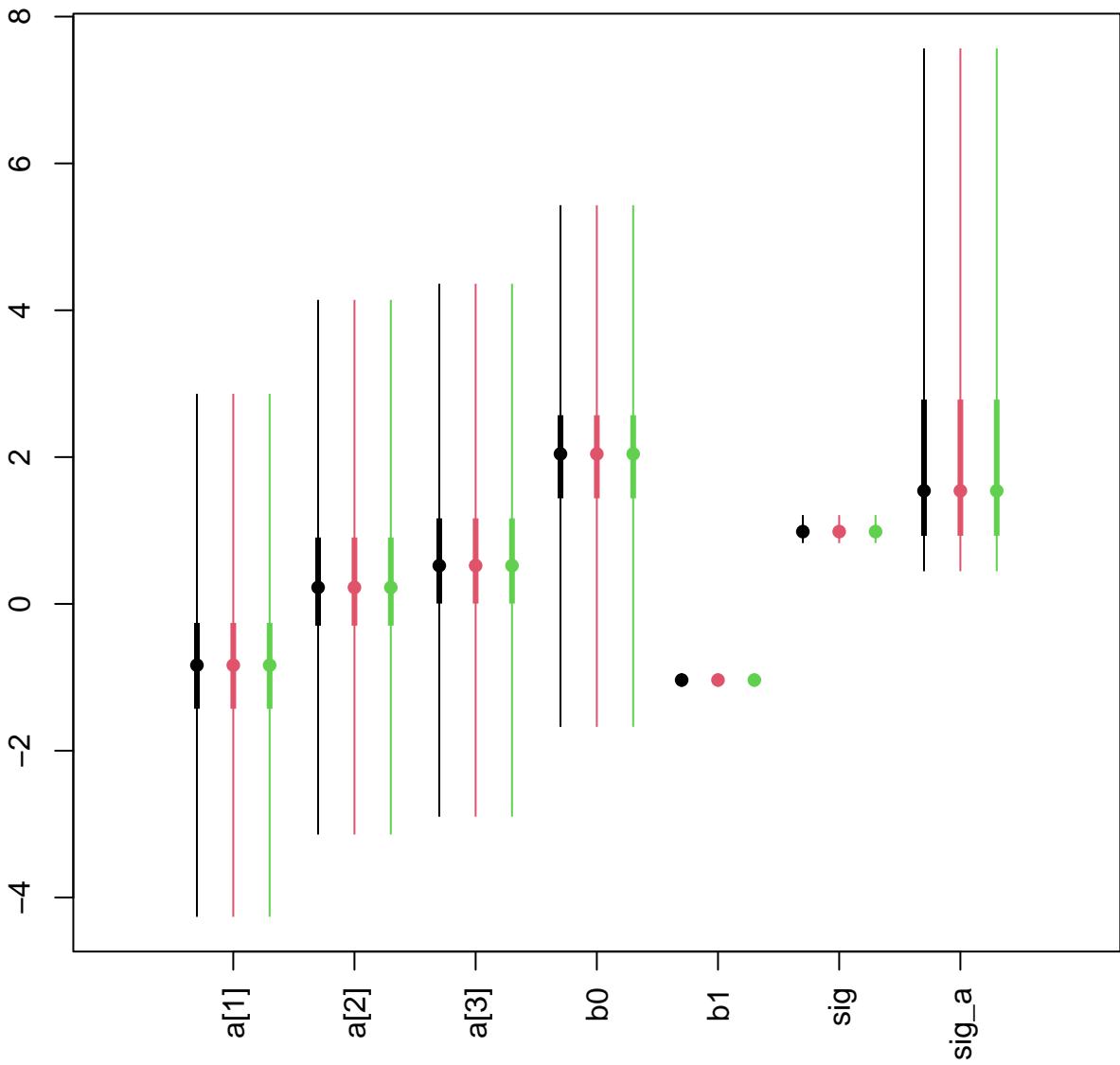


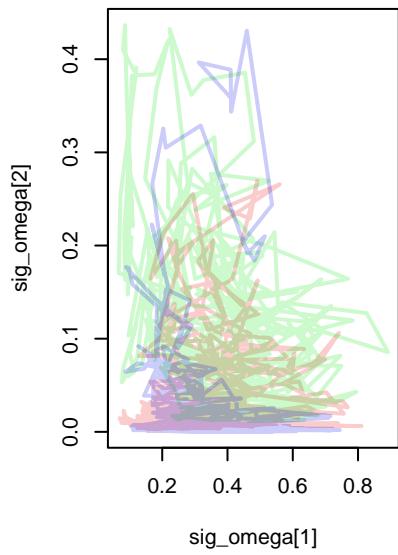
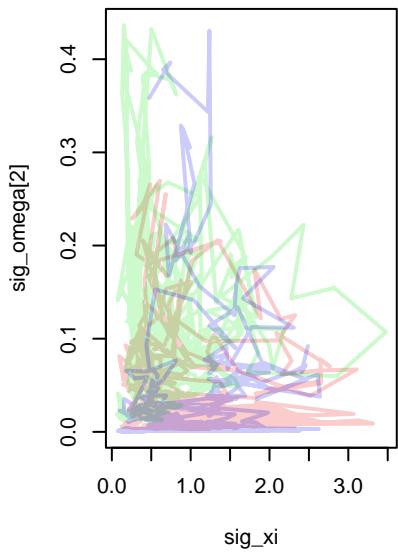
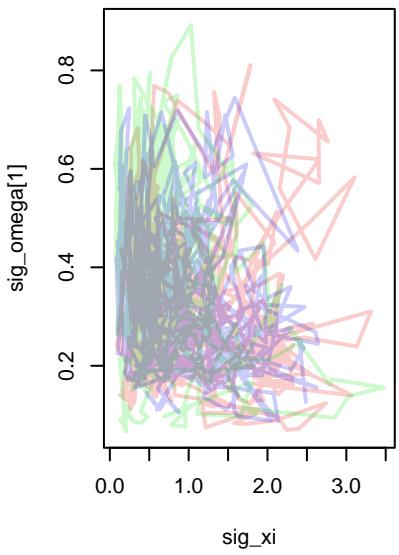
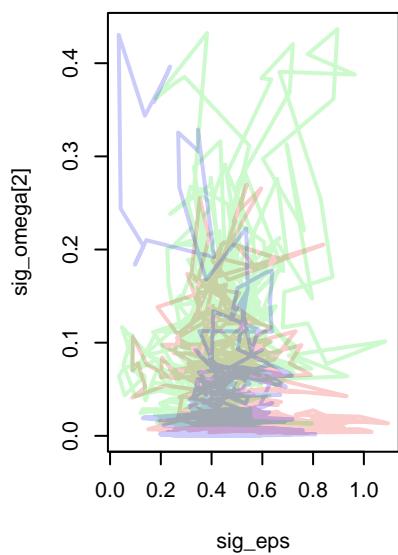
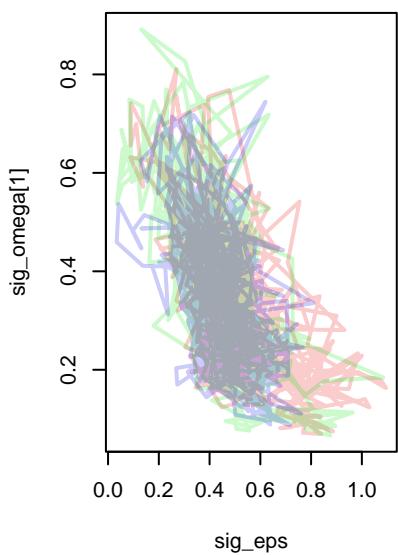
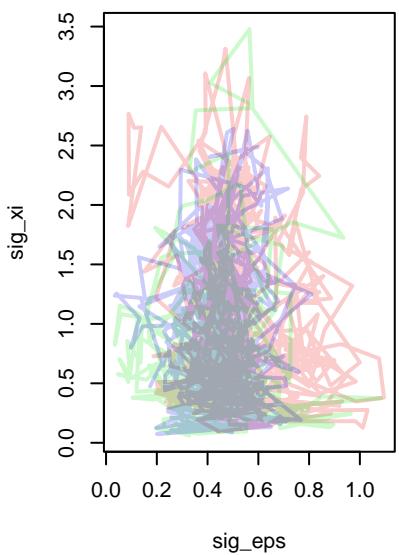


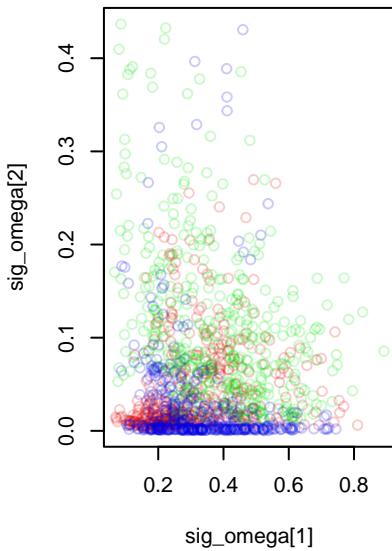
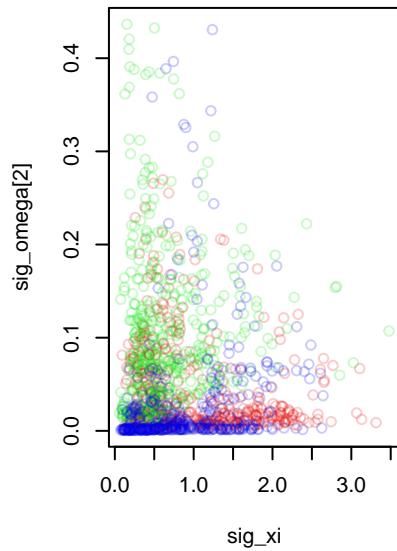
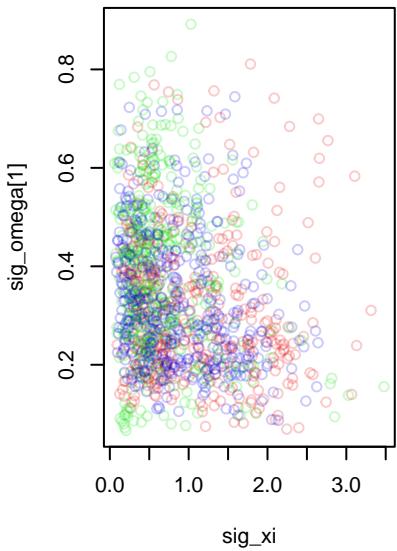
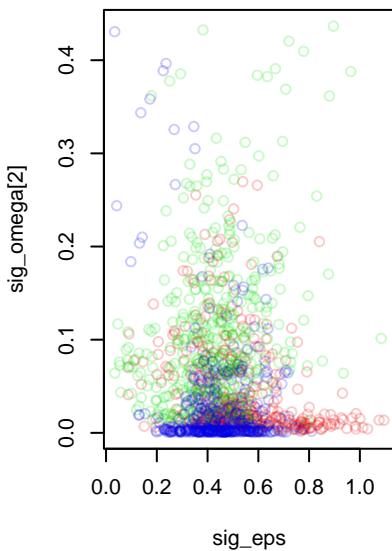
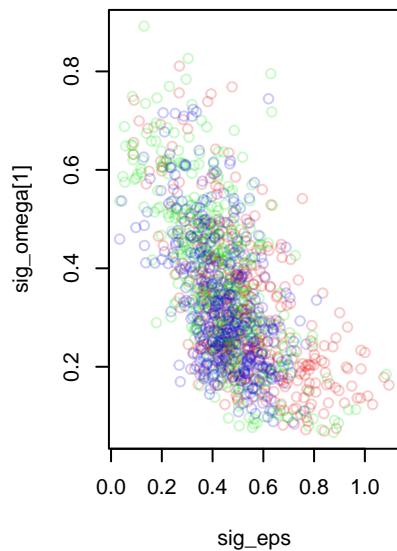
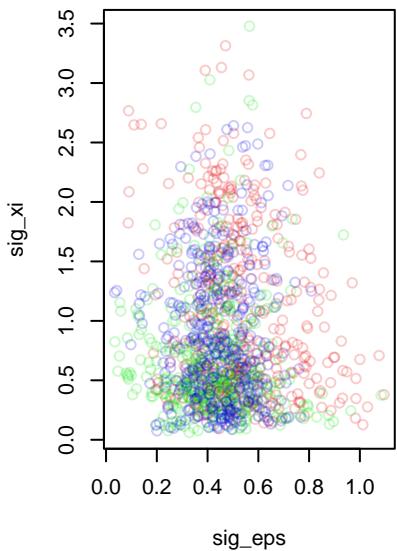


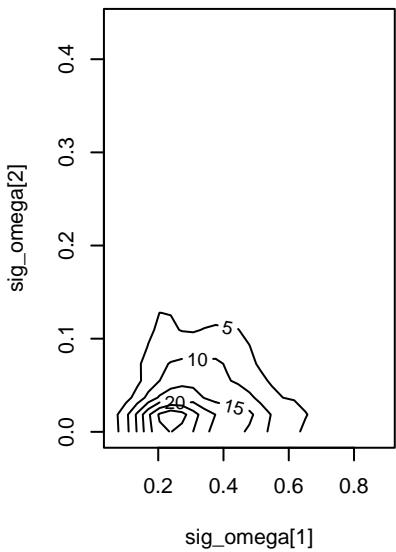
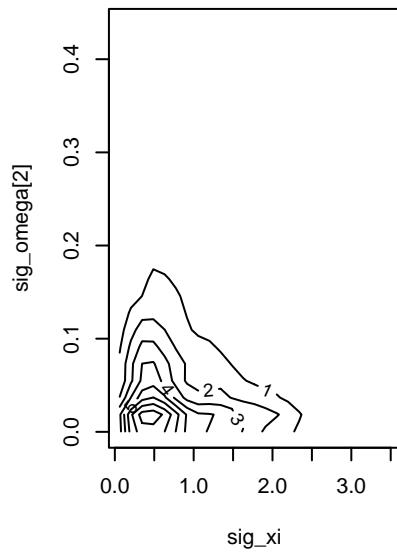
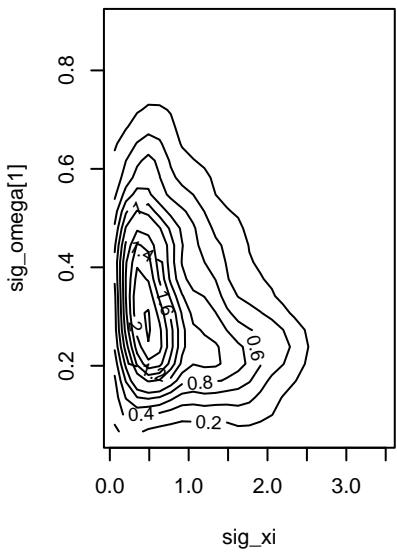
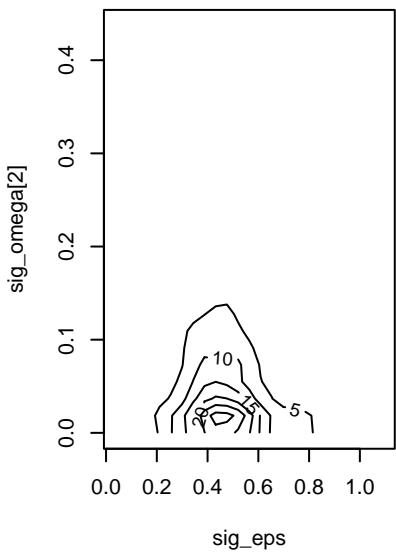
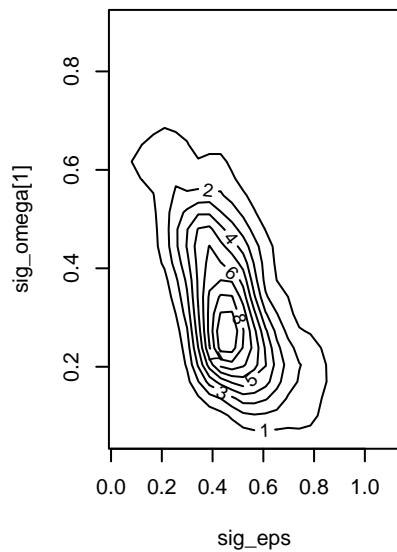
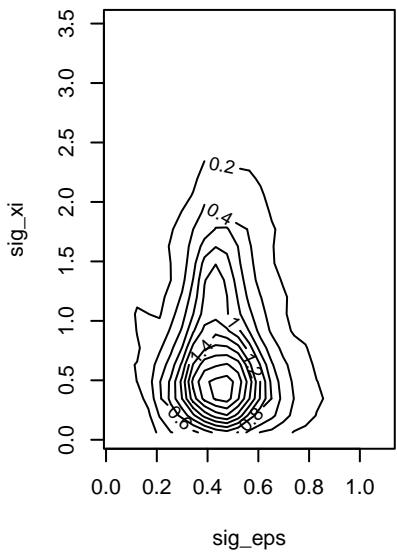




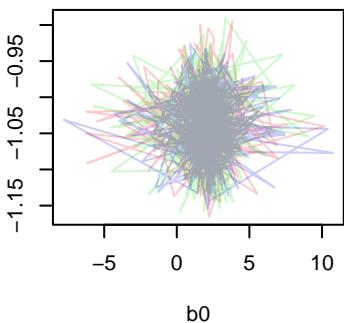




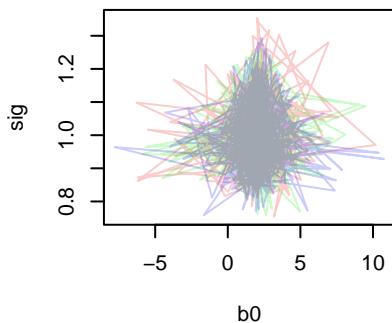




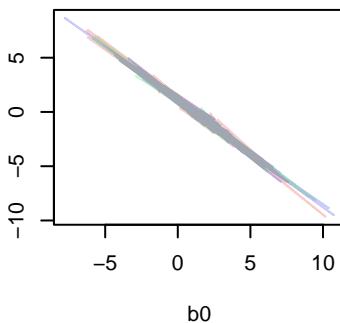
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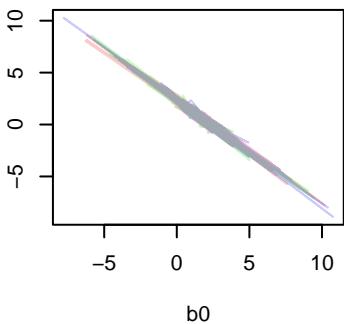
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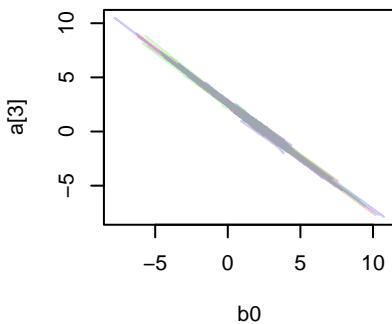
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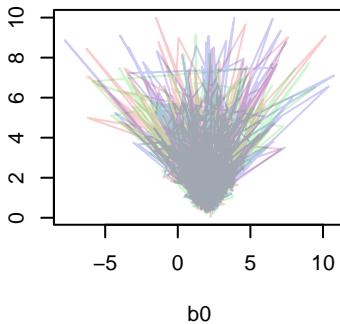
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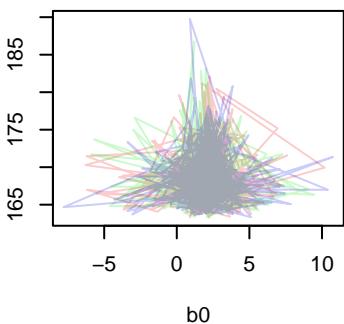
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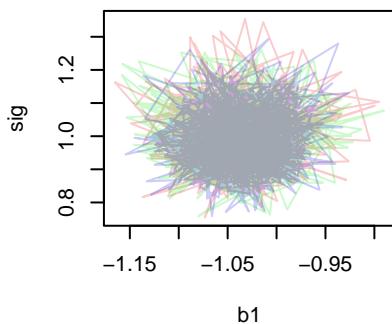
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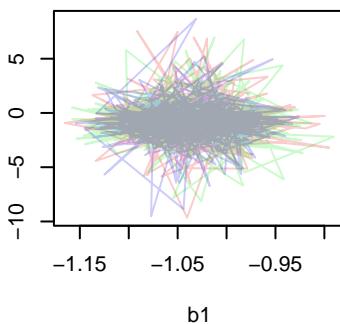
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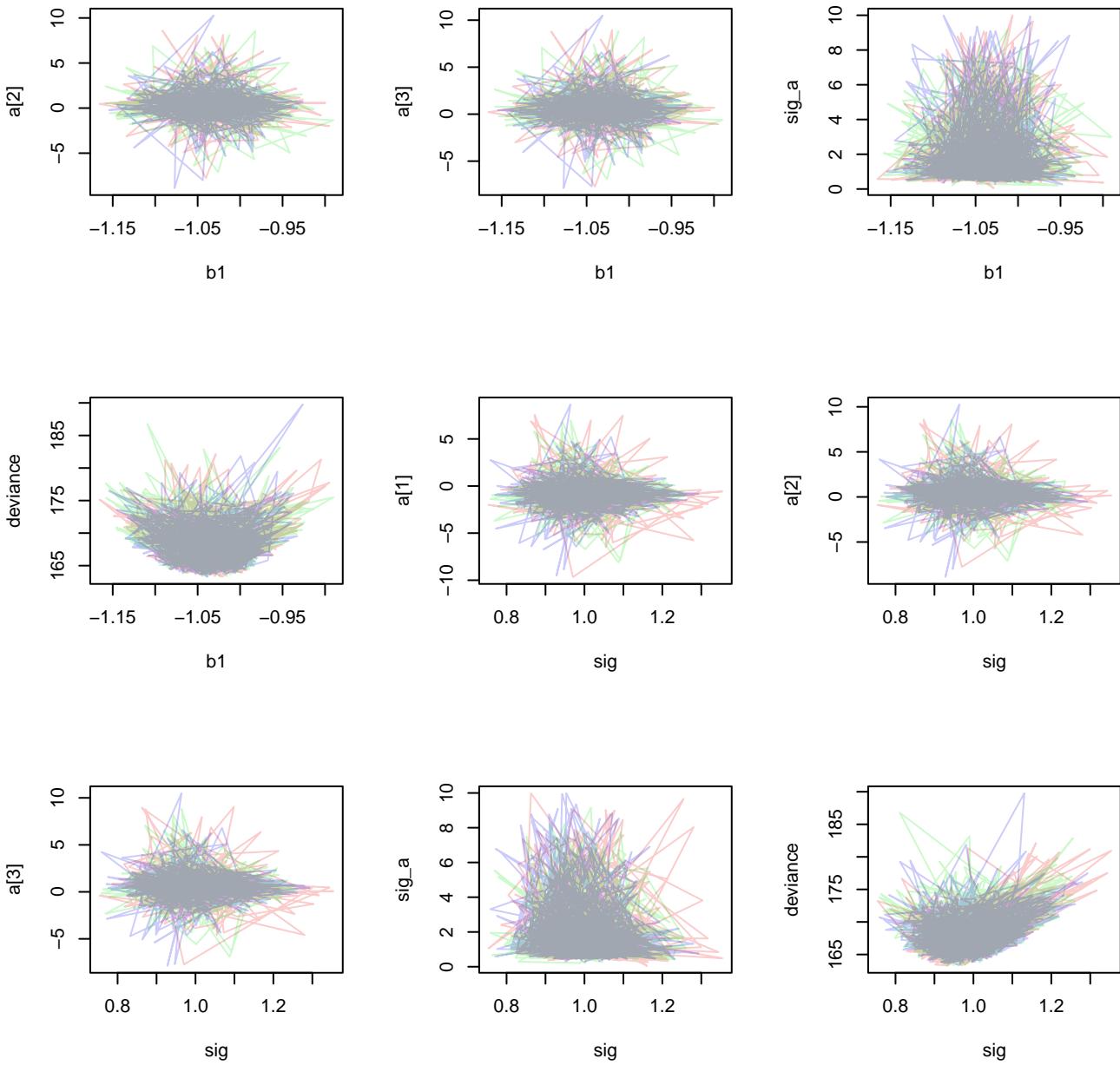


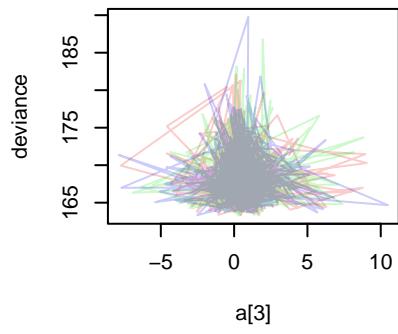
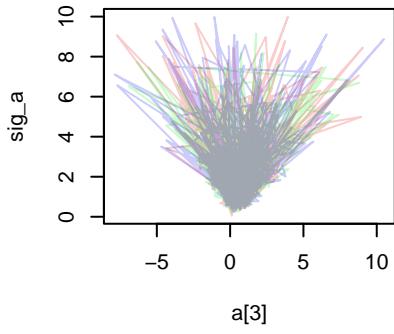
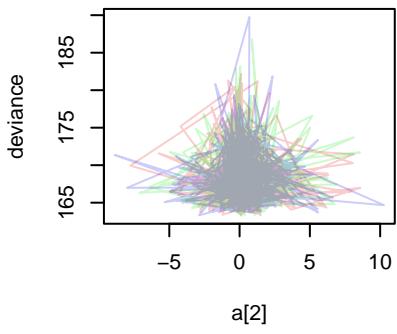
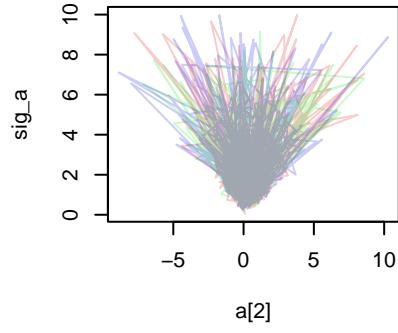
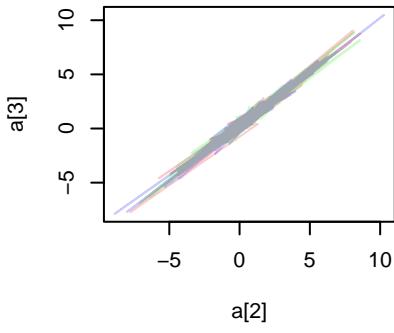
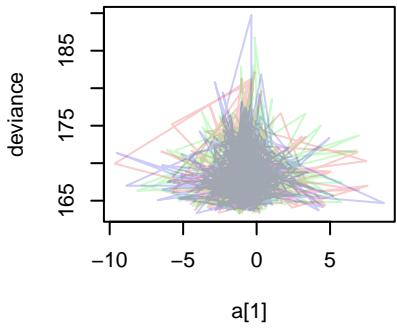
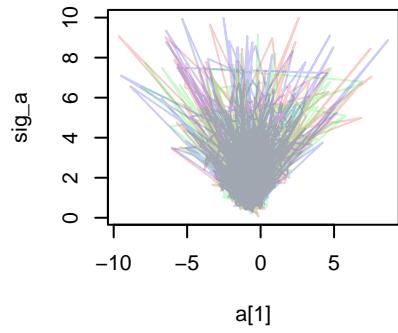
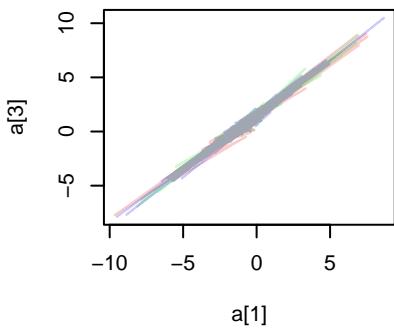
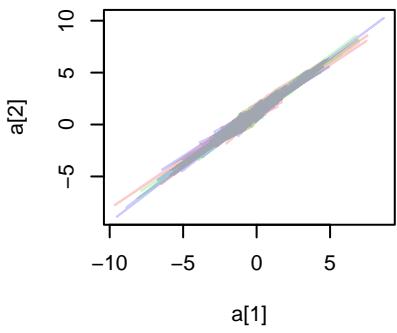
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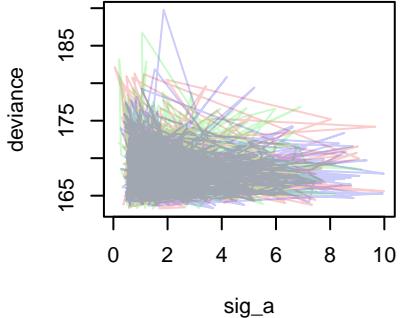


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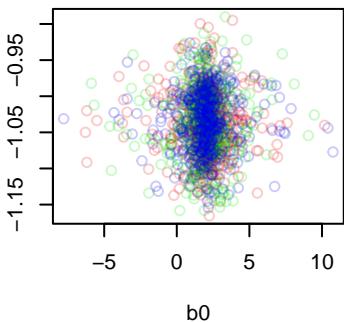




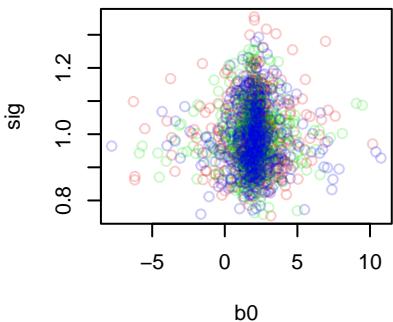




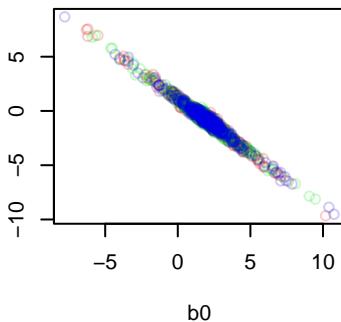
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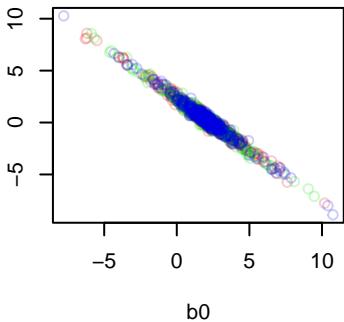
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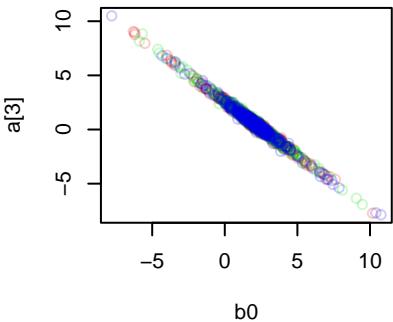
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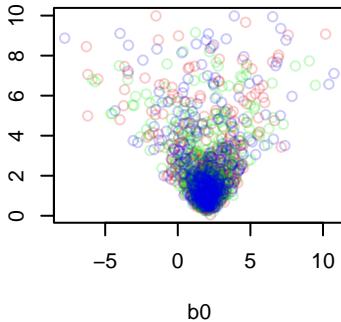
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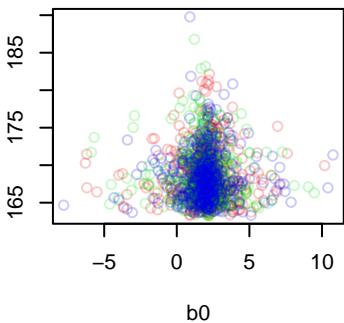
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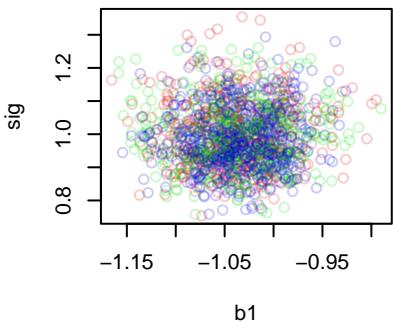
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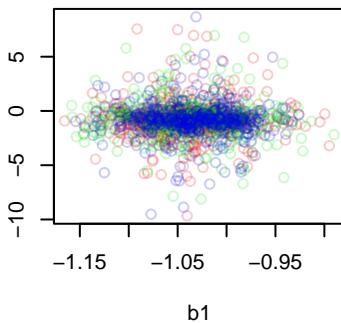
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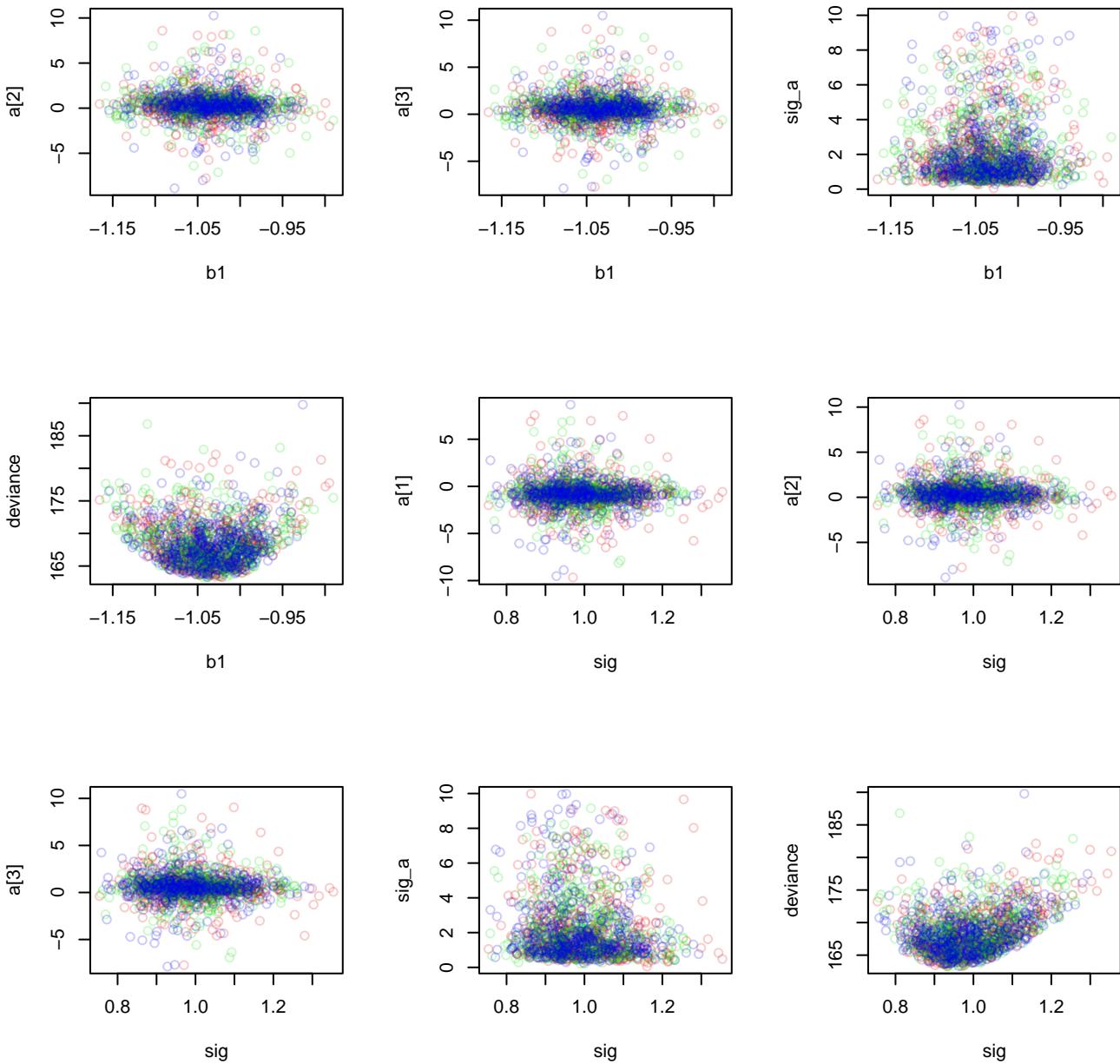
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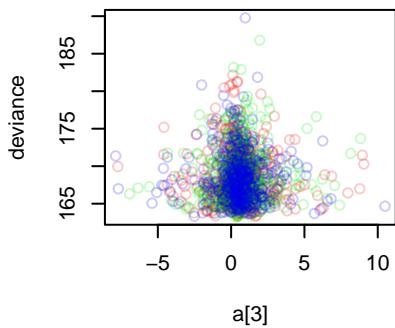
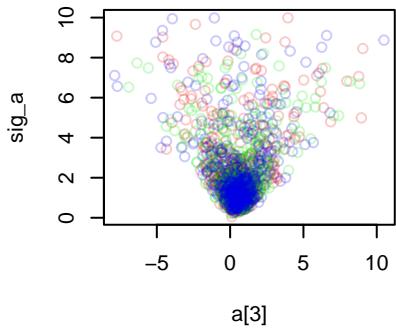
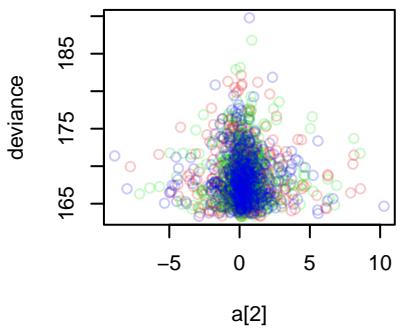
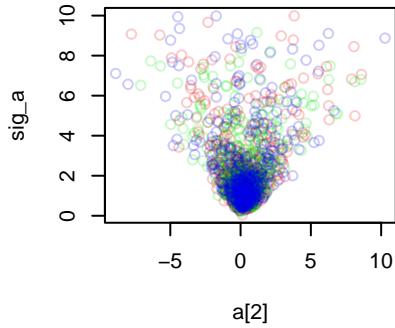
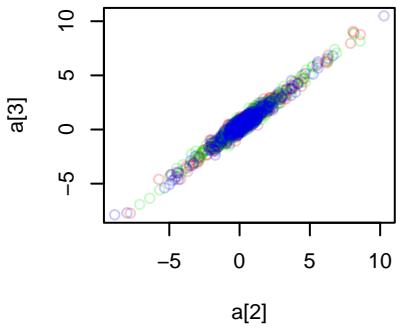
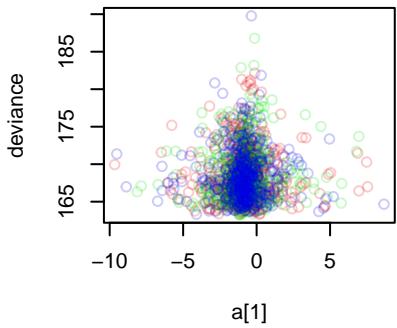
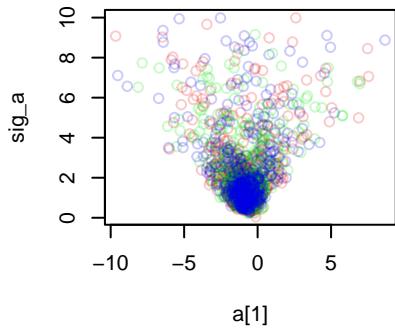
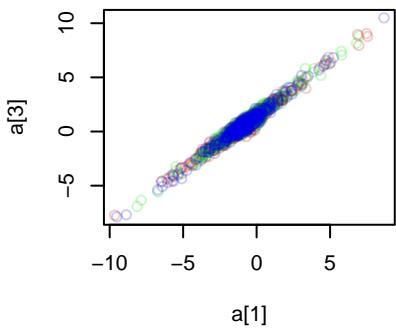
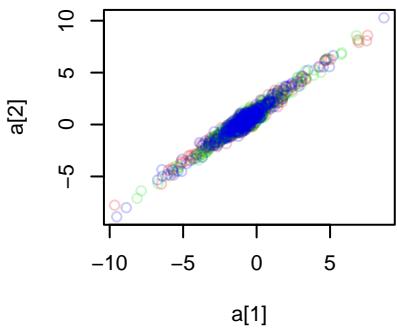


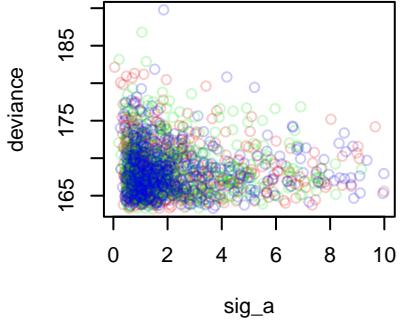
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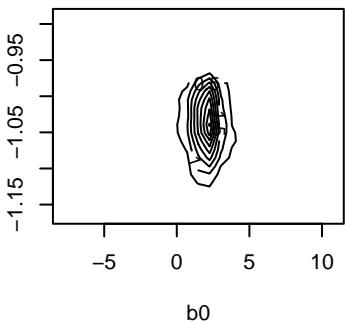
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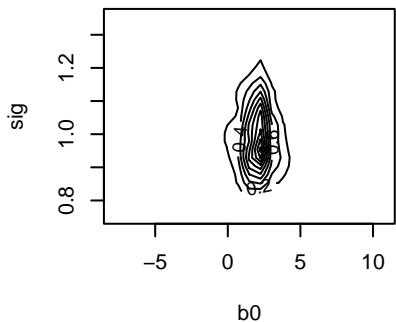




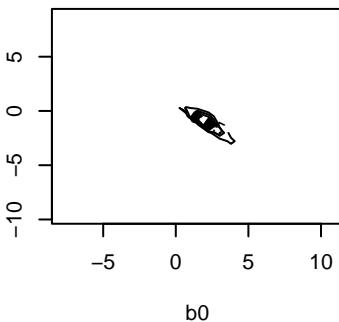
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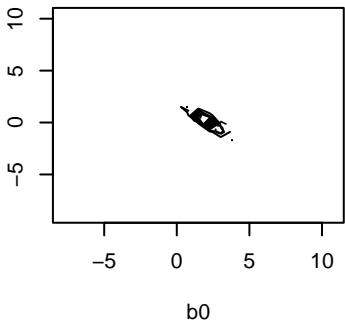
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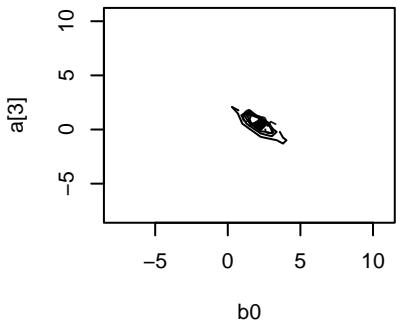
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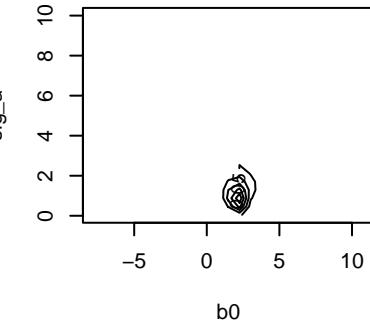
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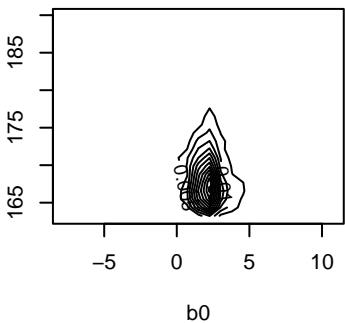
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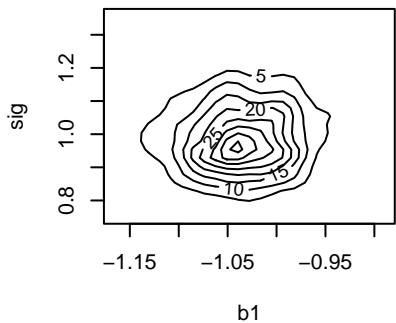
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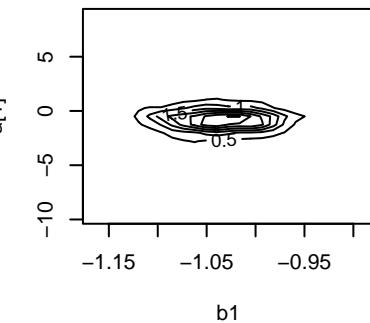
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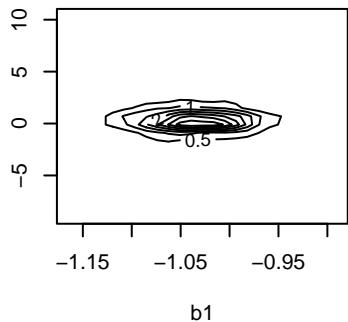
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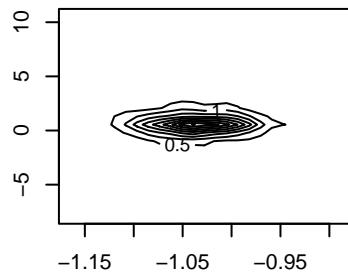
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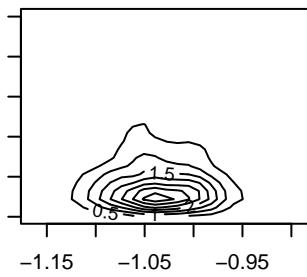
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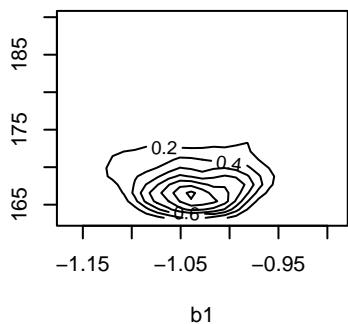
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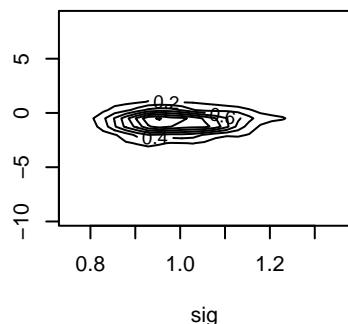
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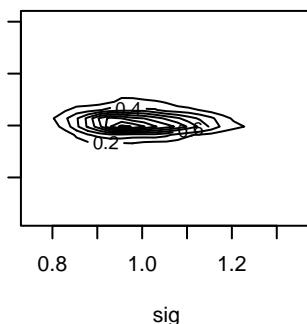
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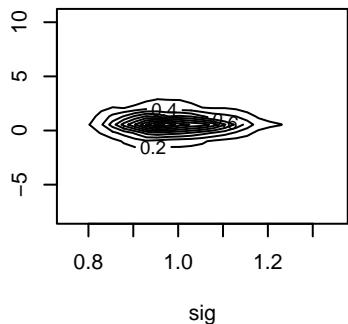
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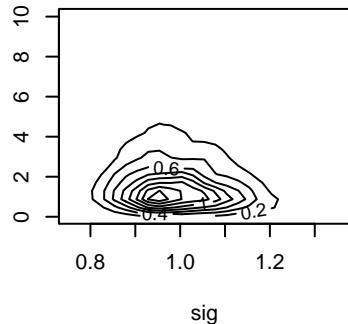
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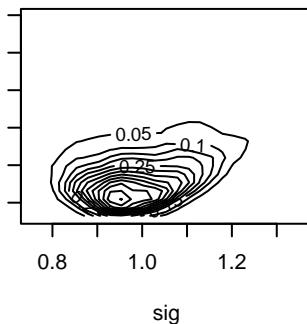
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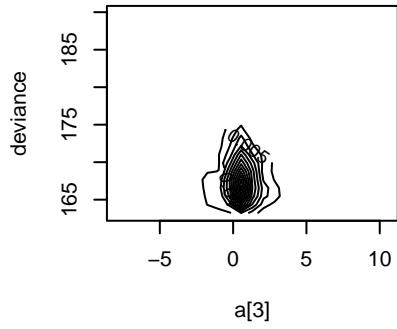
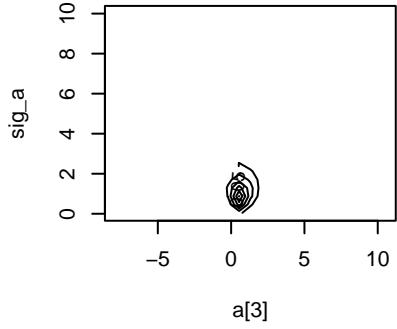
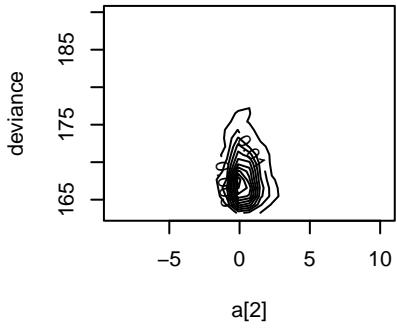
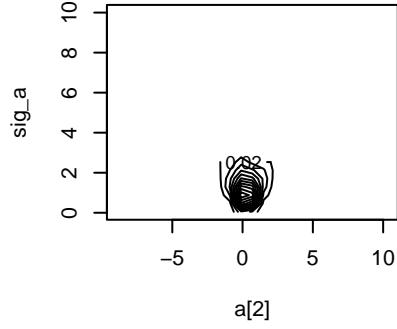
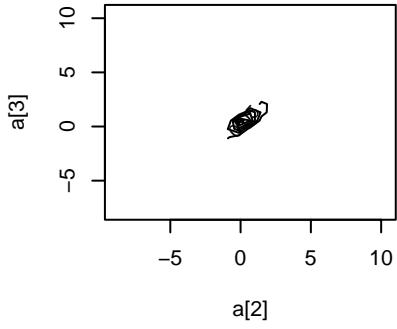
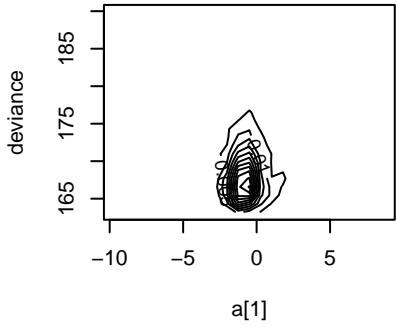
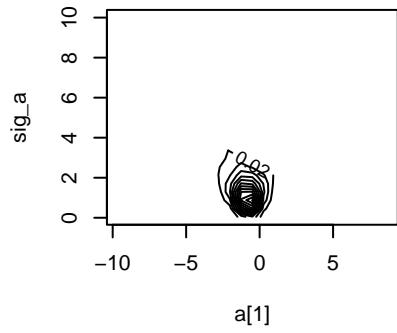
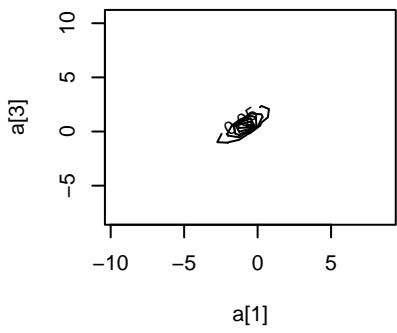
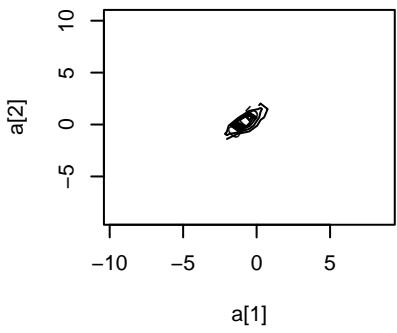


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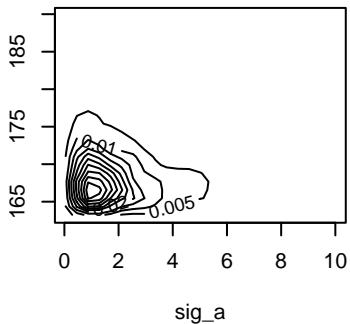


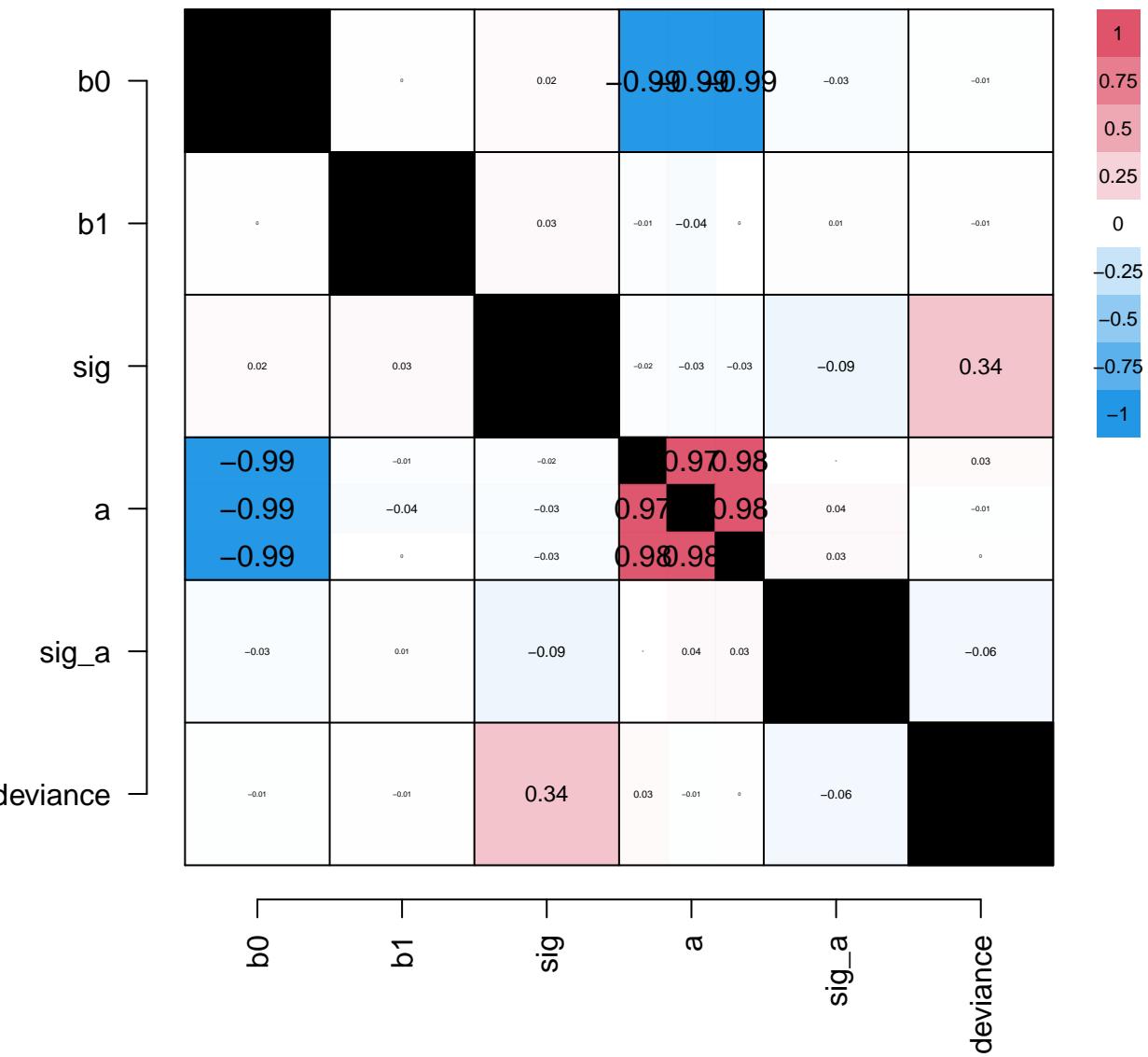
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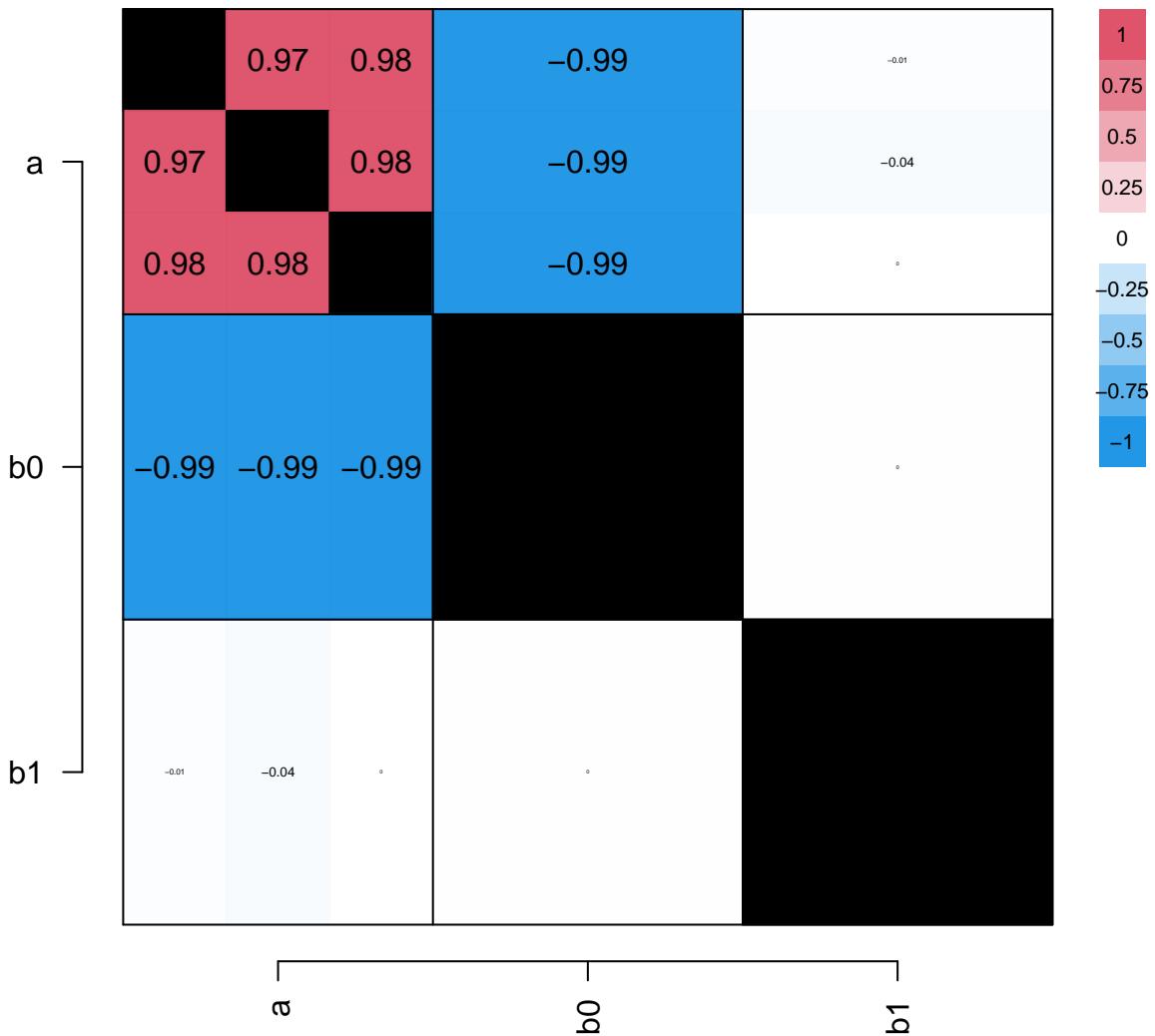


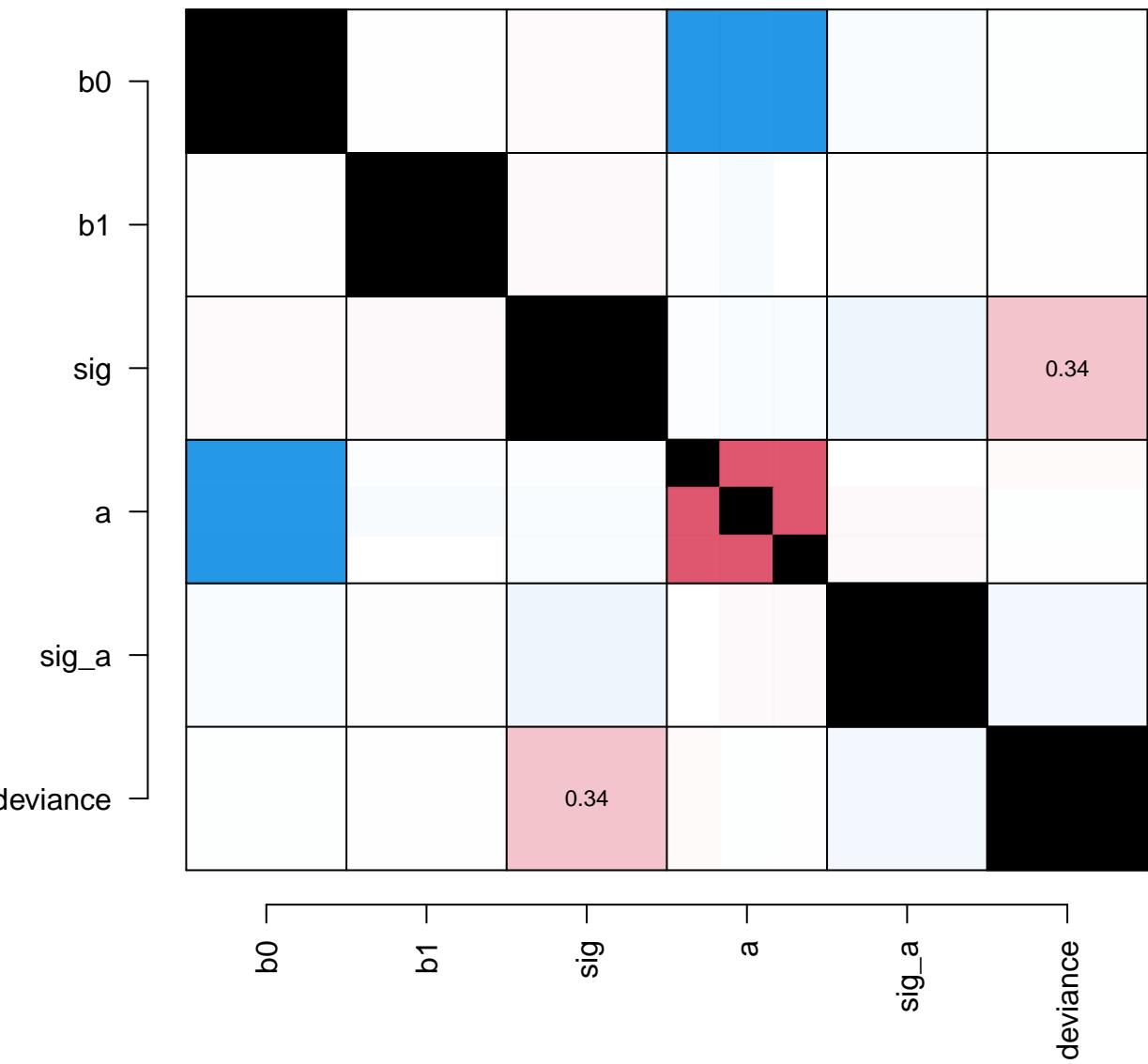


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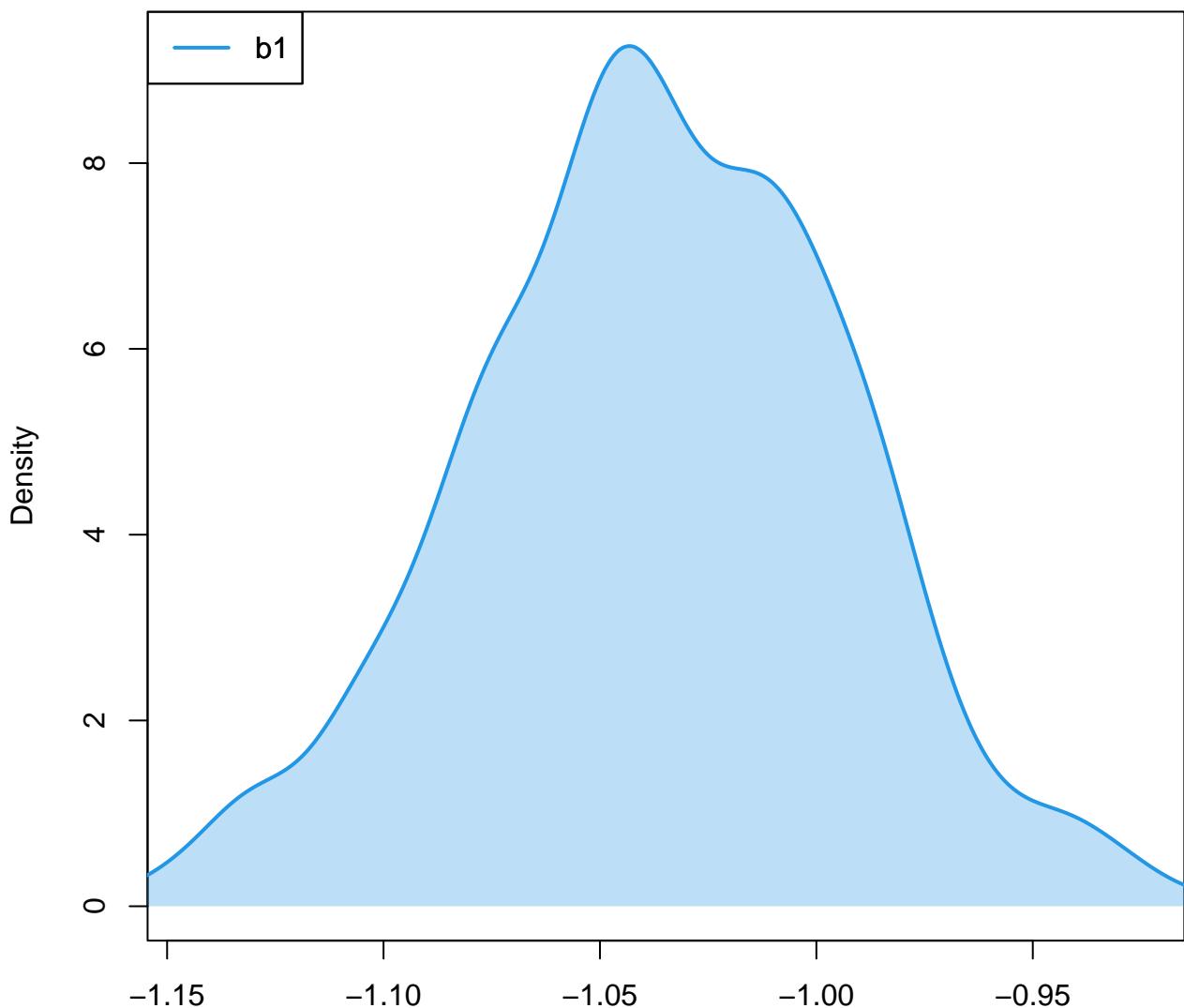


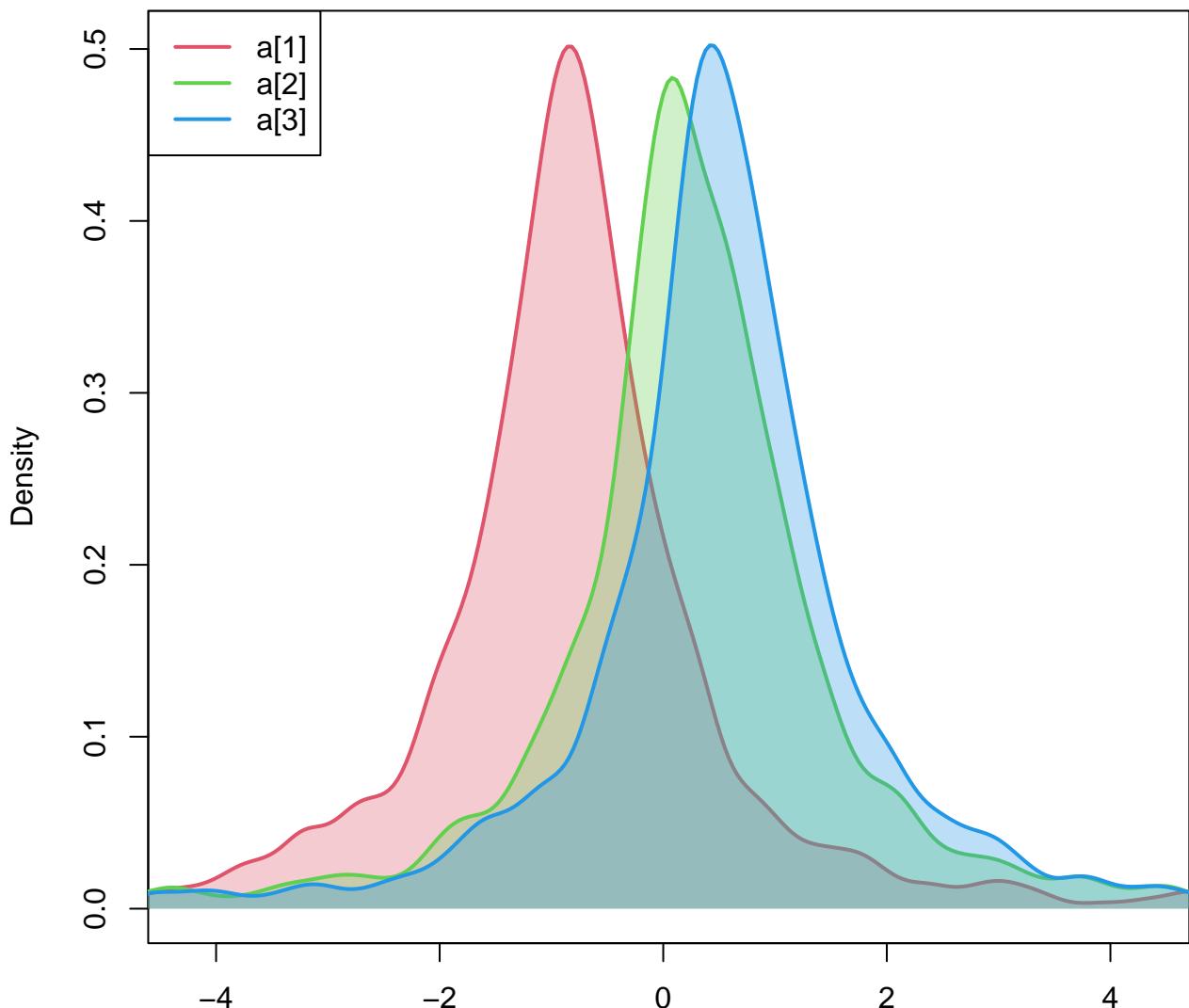


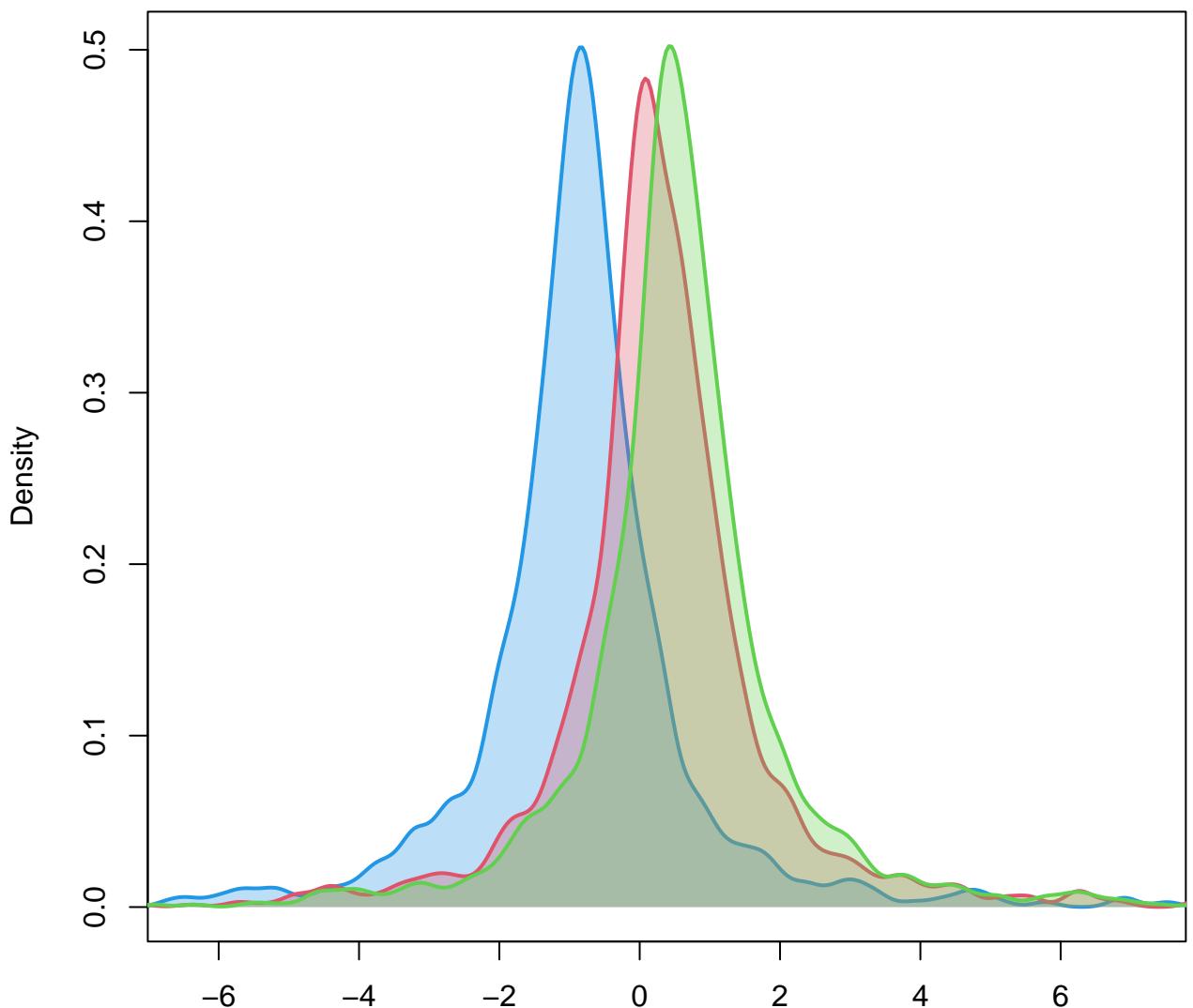


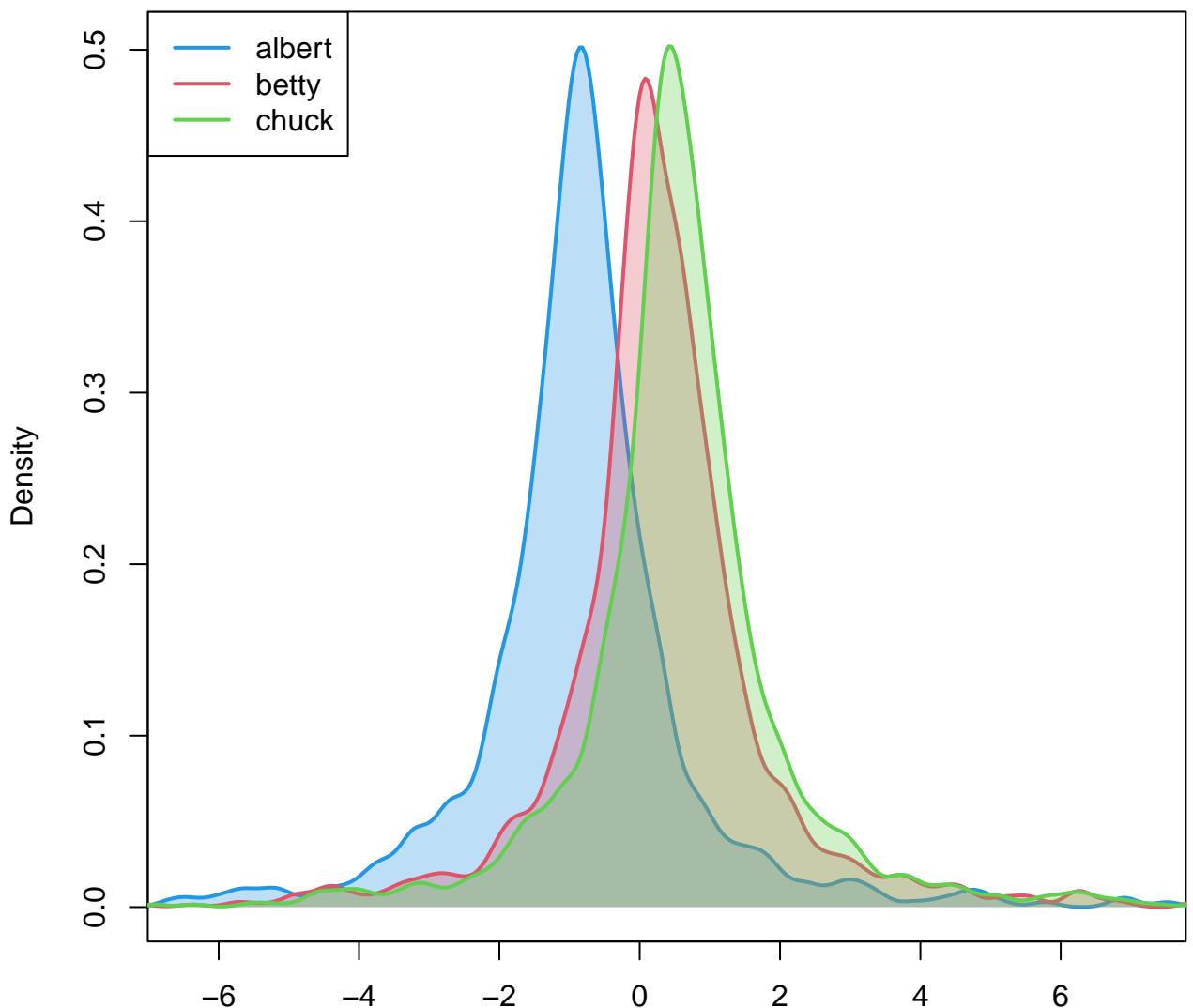


**b1**



**a**





**b1**

