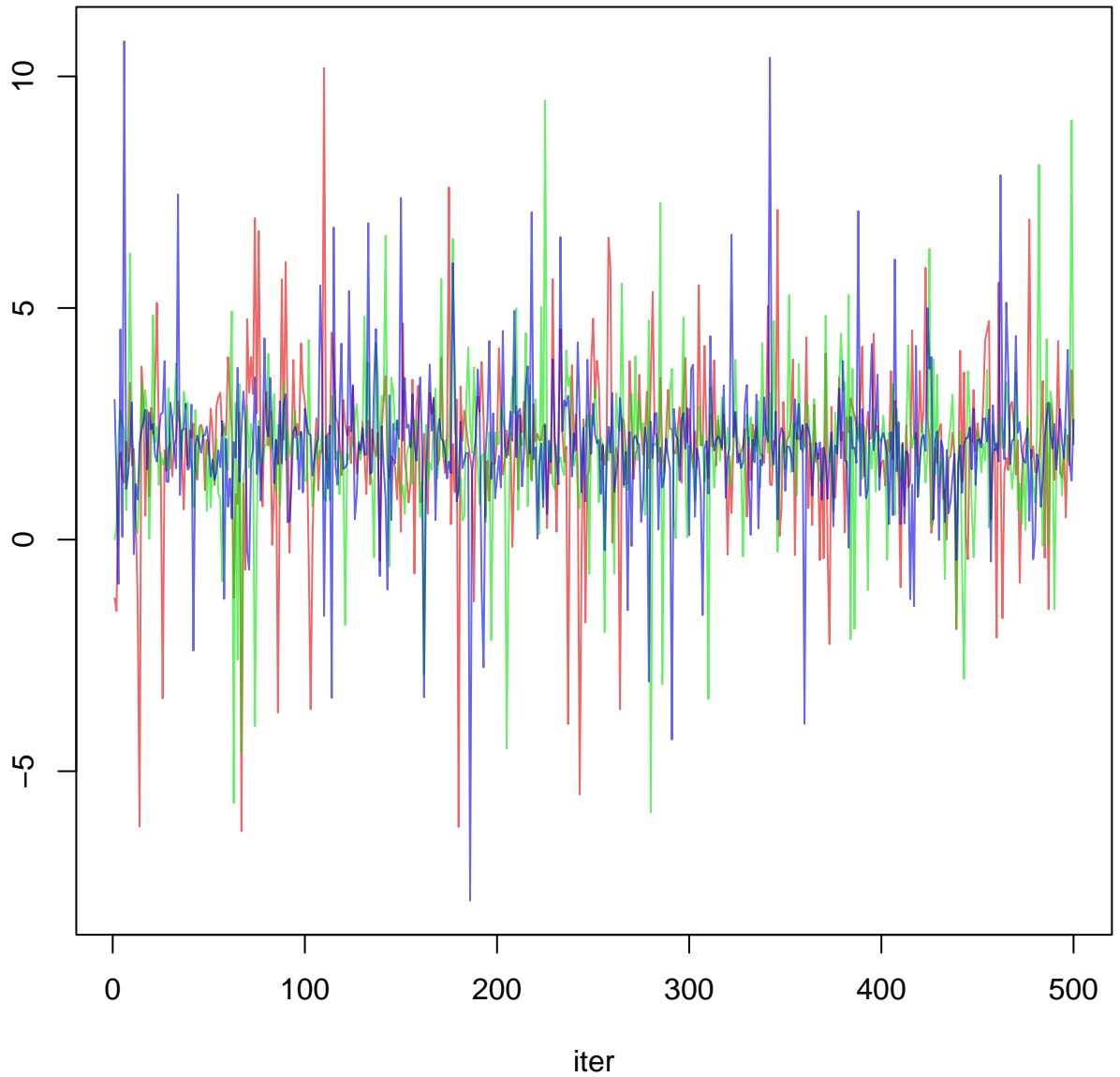
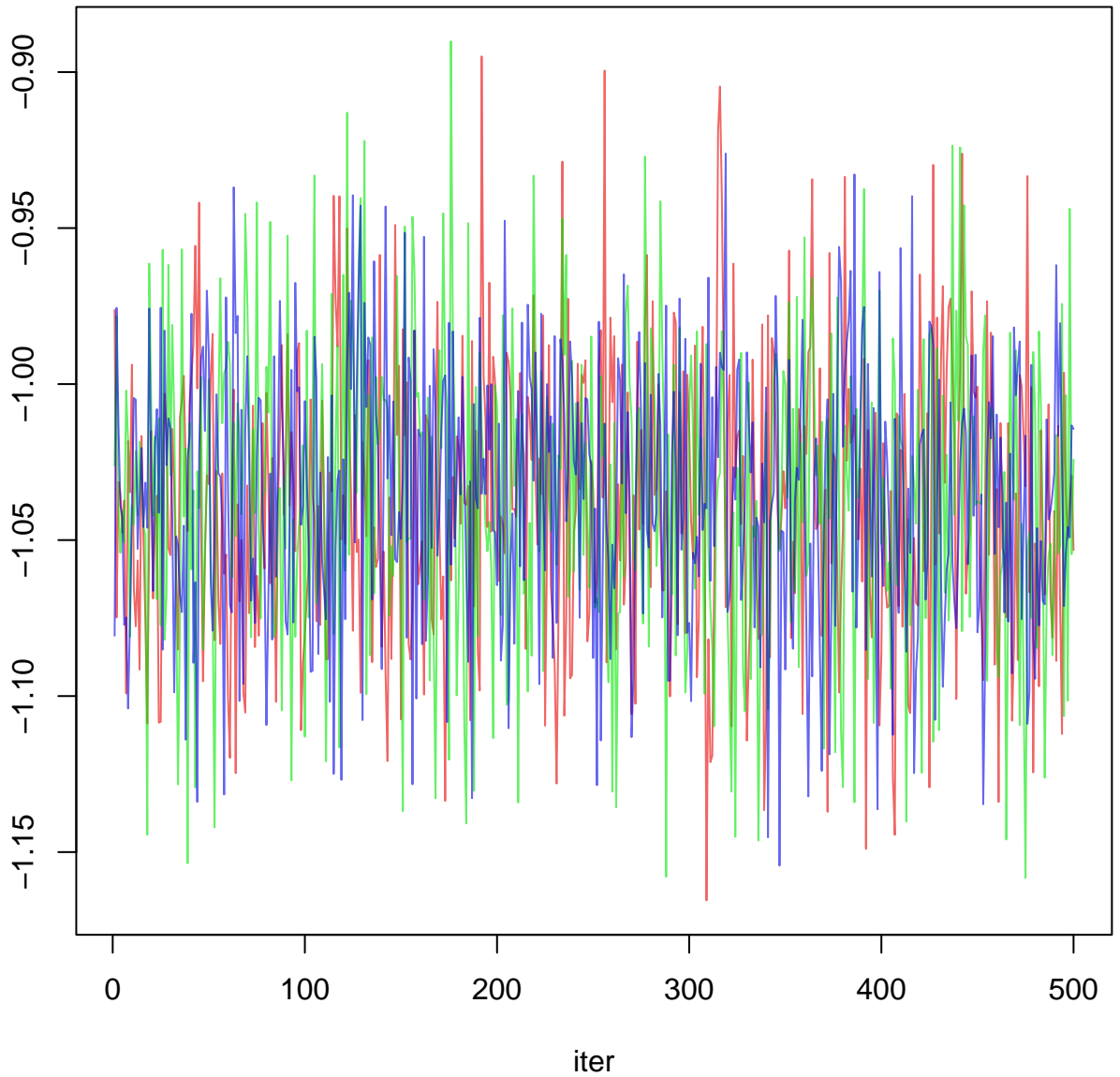


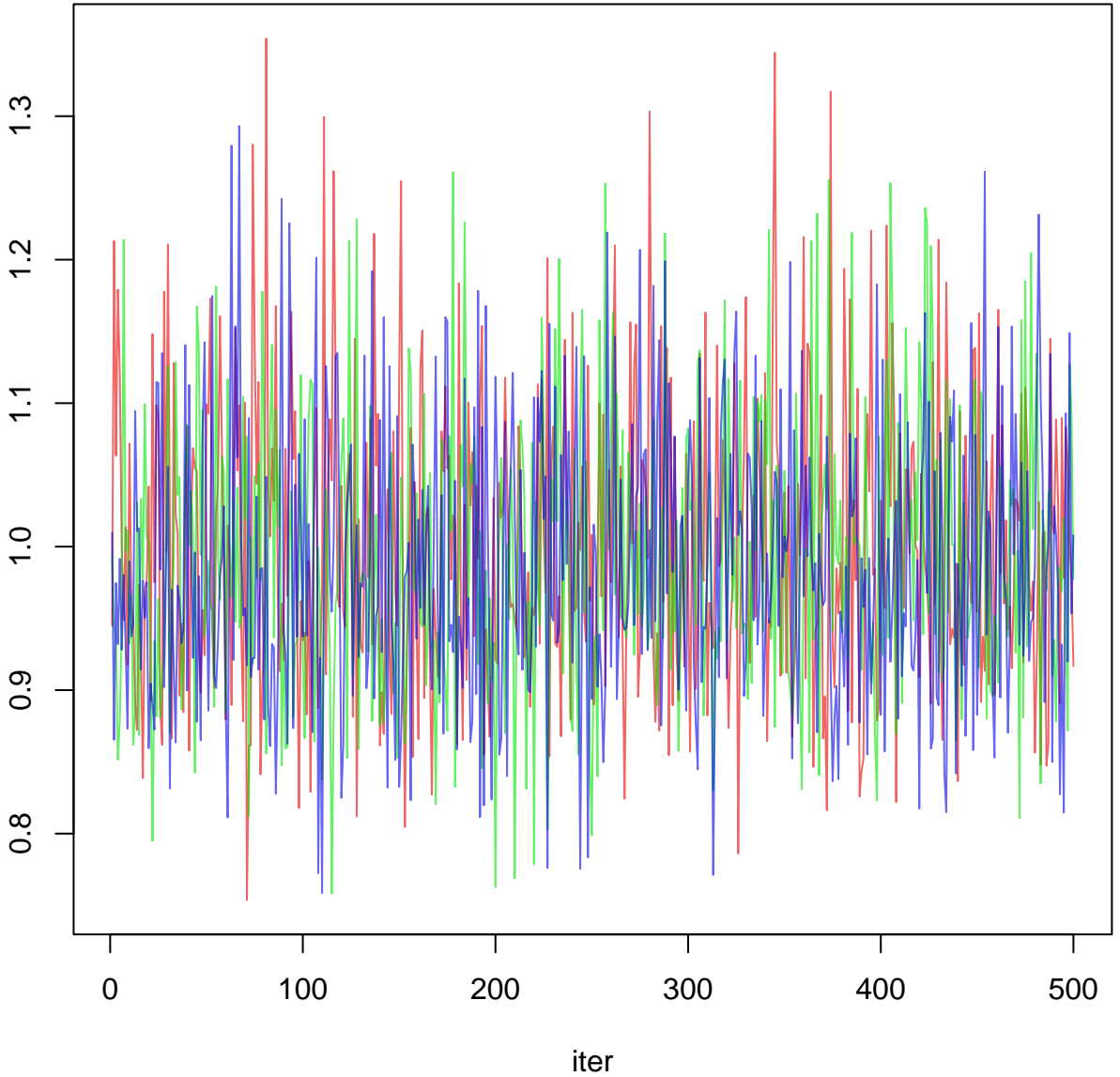
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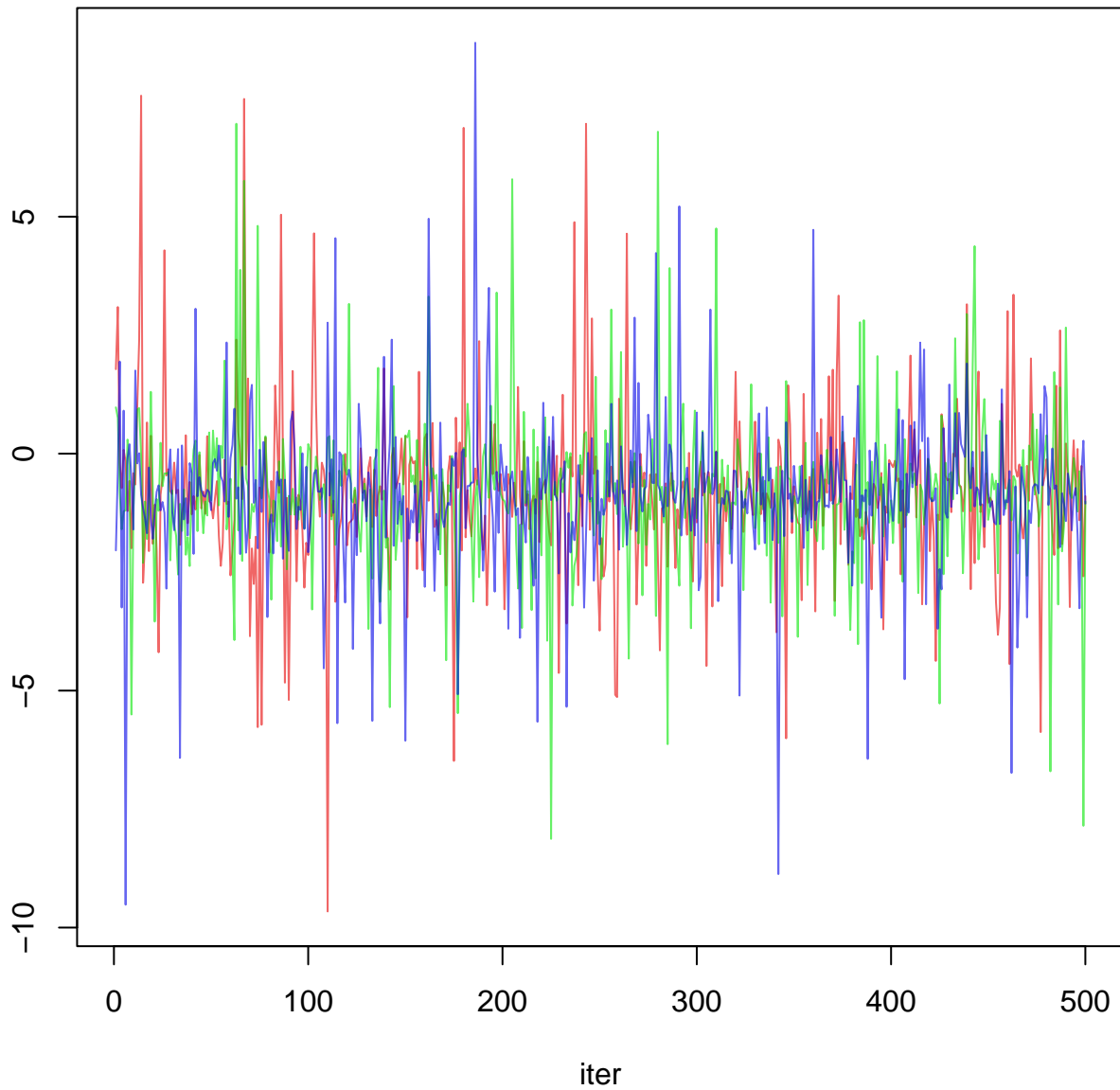
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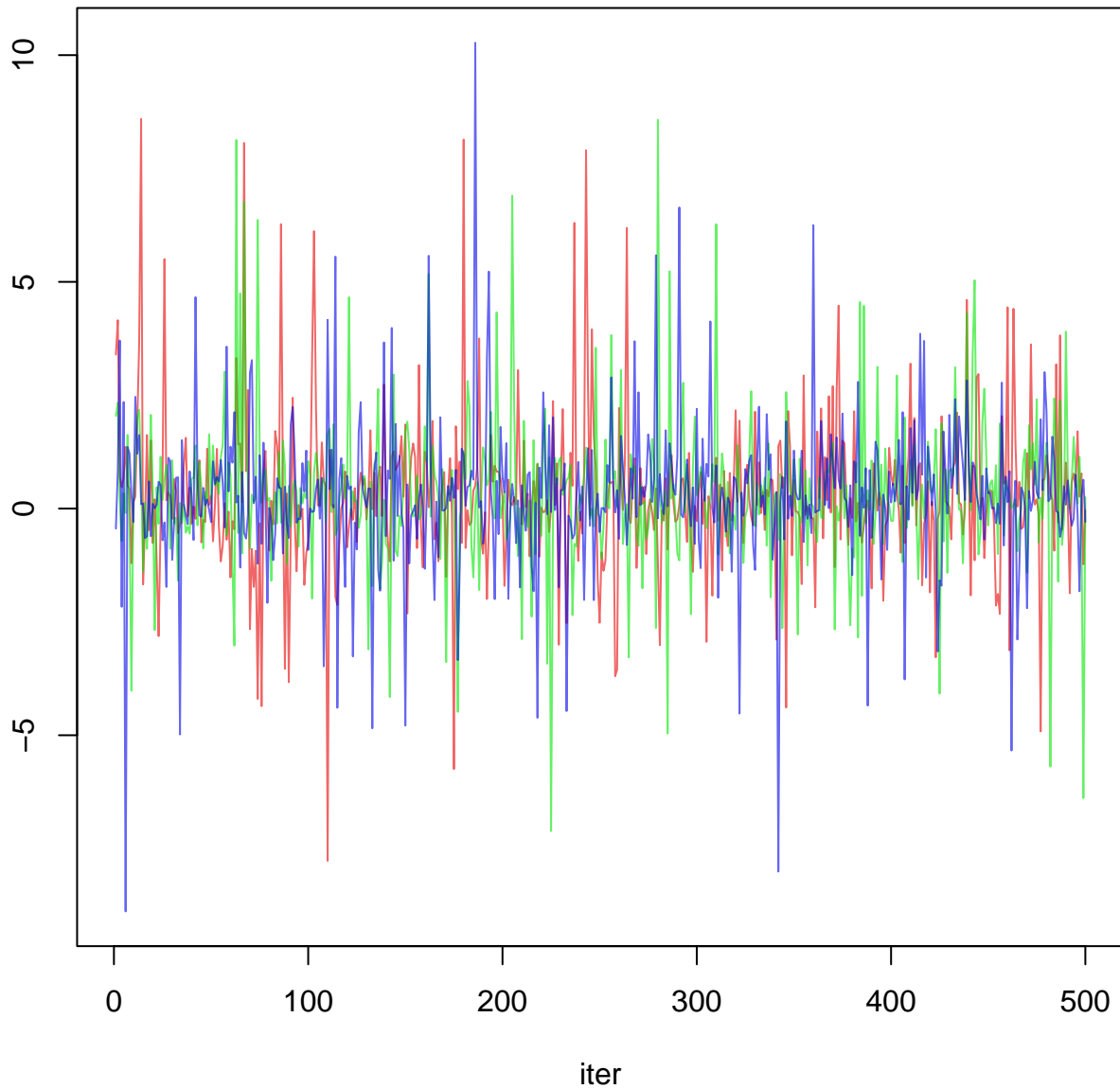
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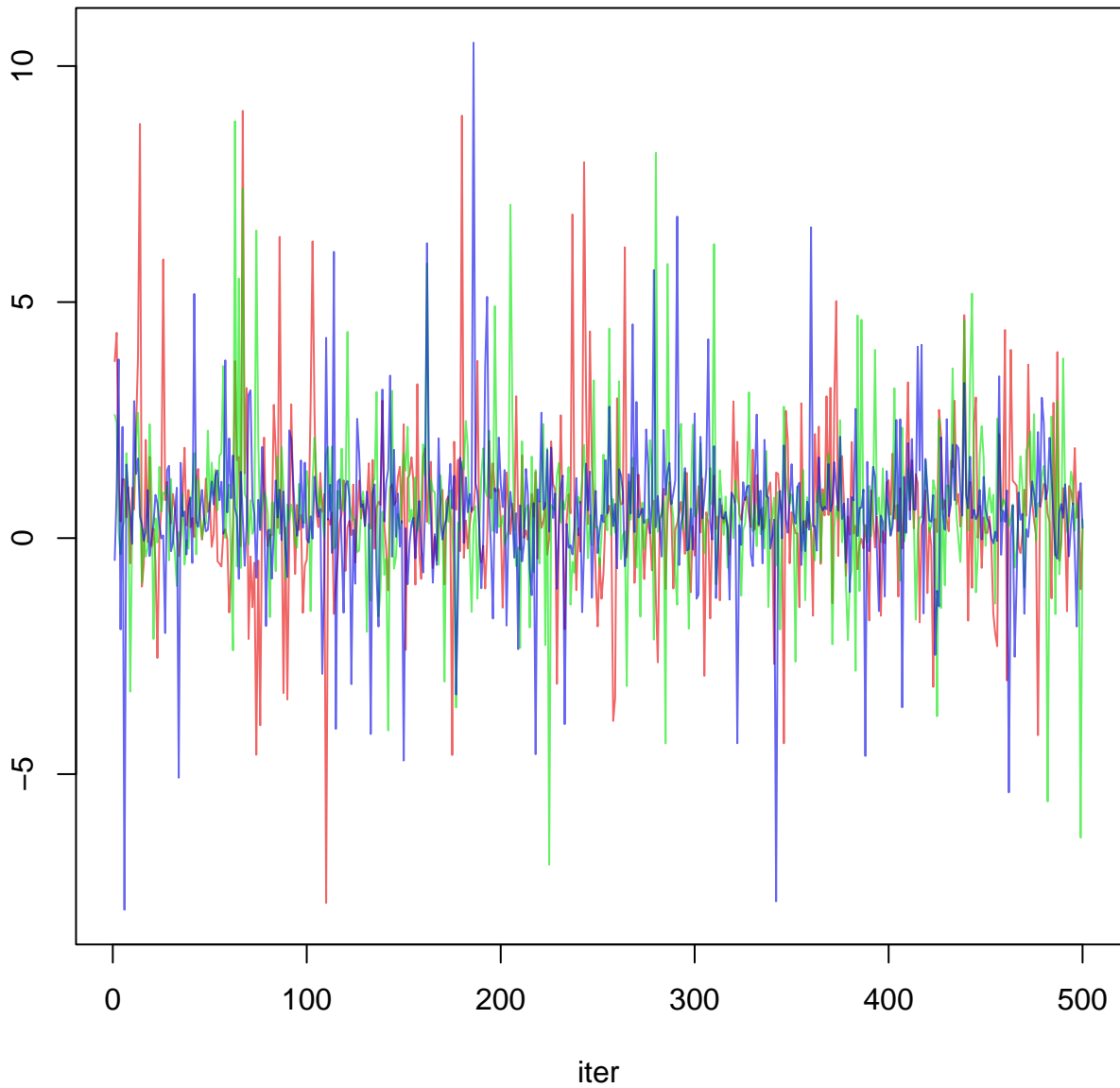
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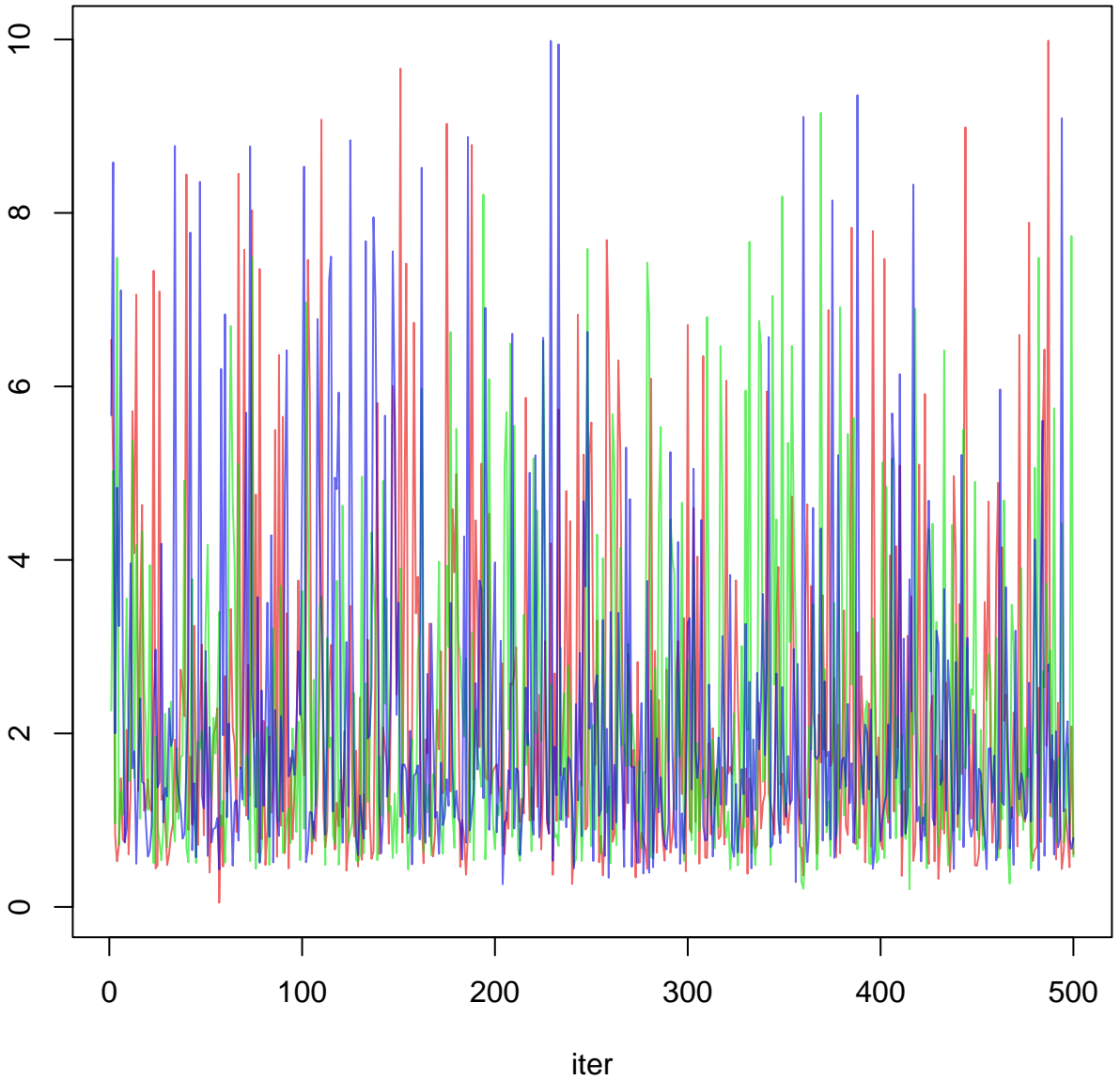
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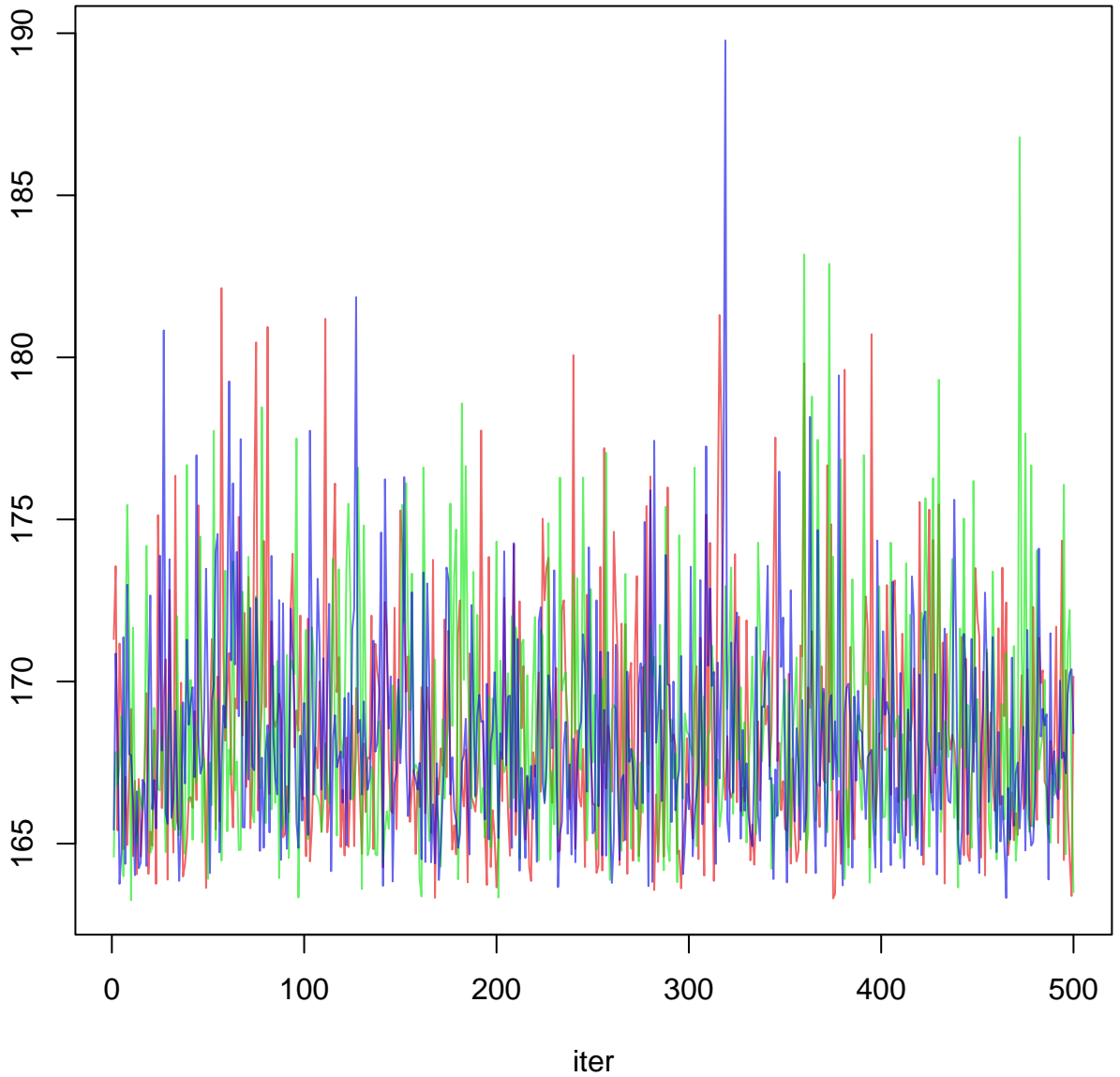
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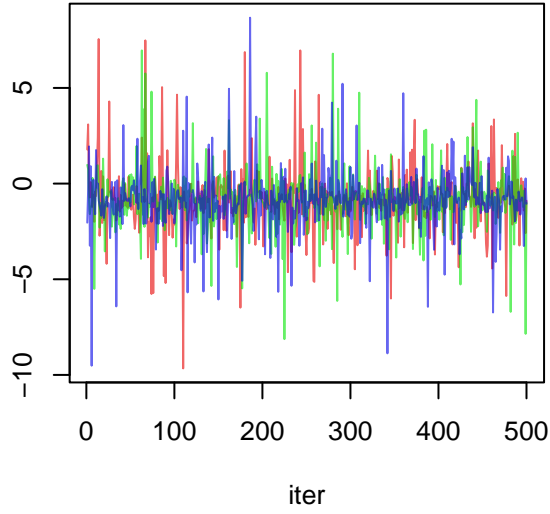
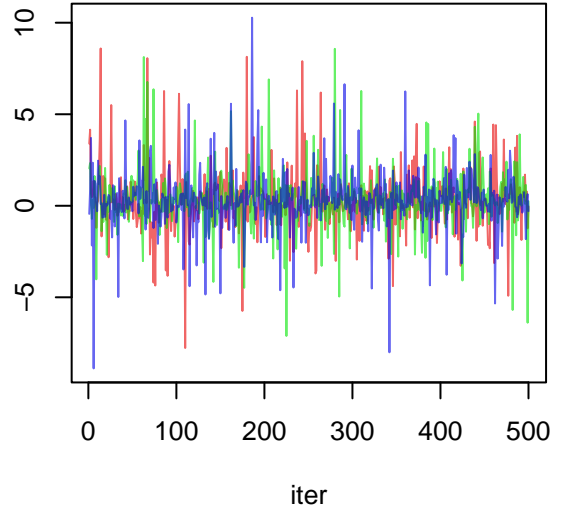
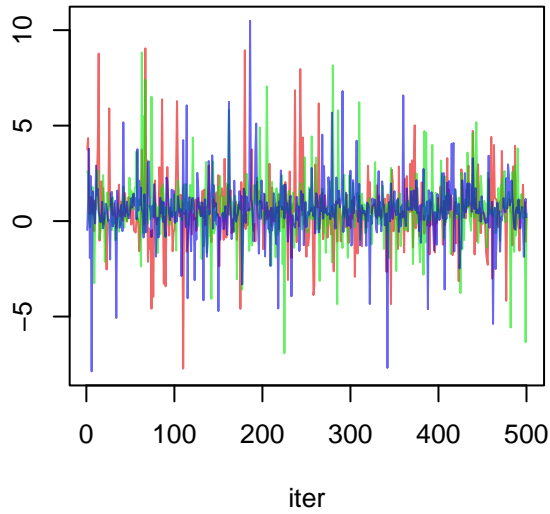


sig_a

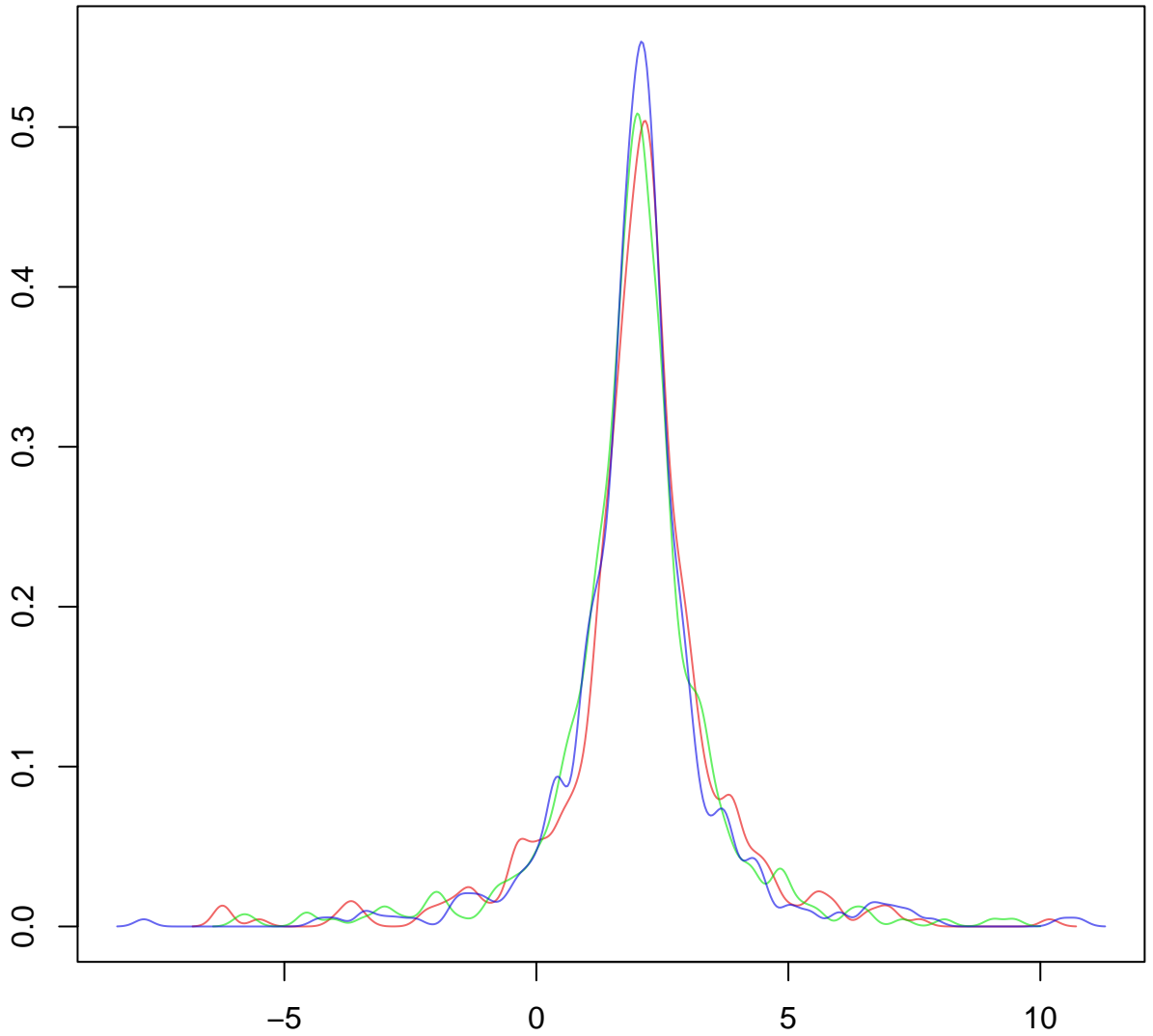


deviance

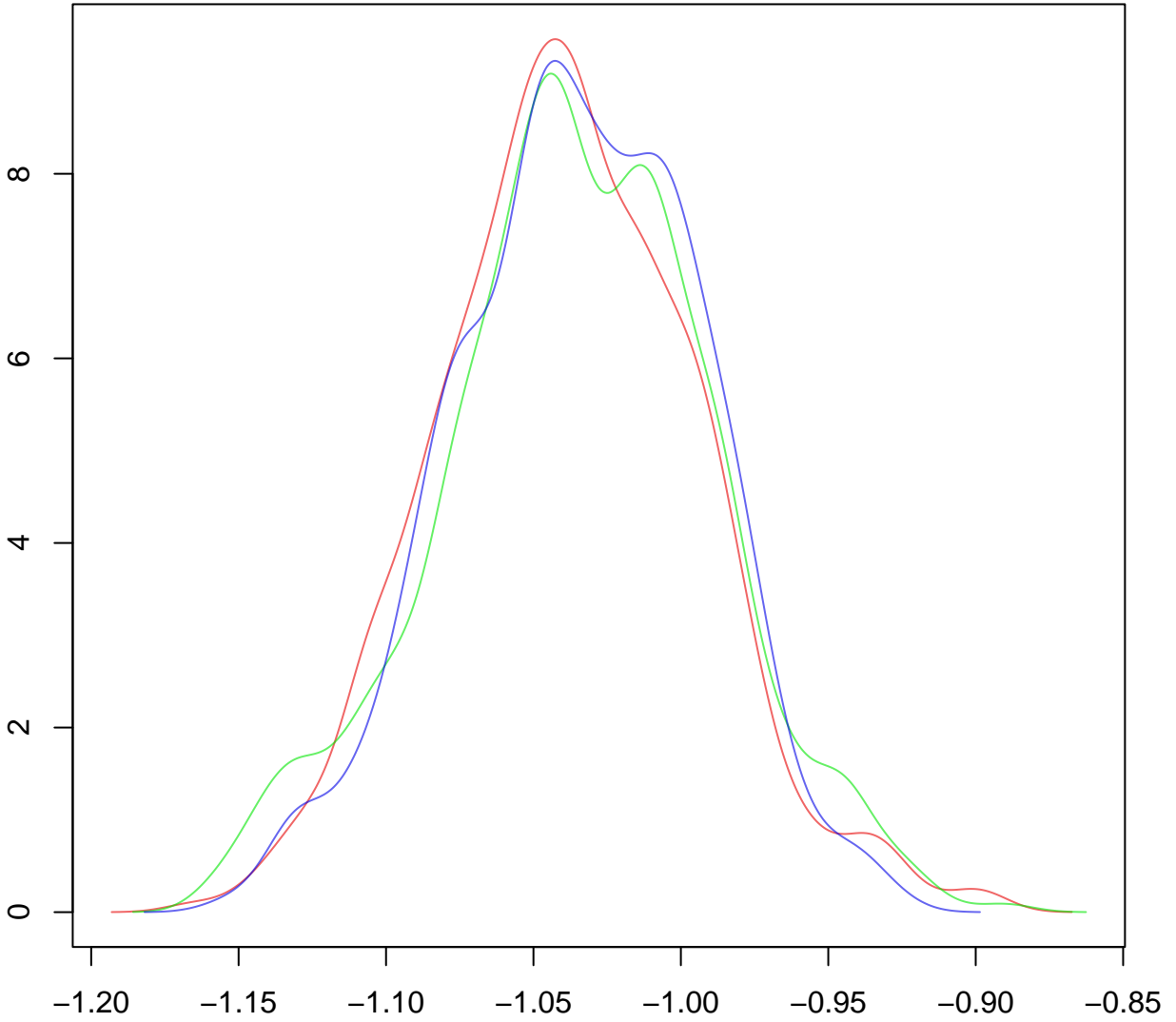


a[1]**a[2]****a[3]**

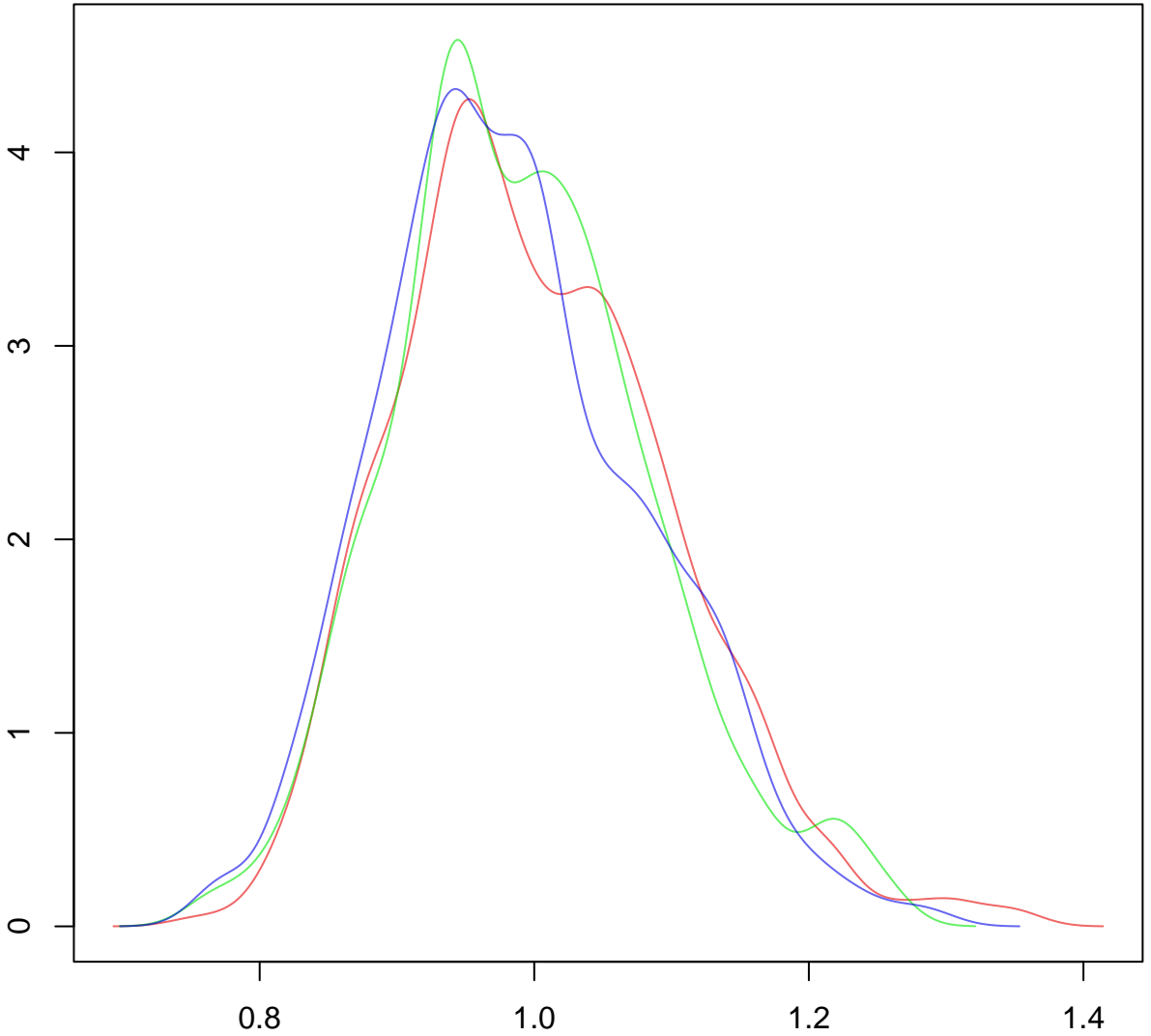
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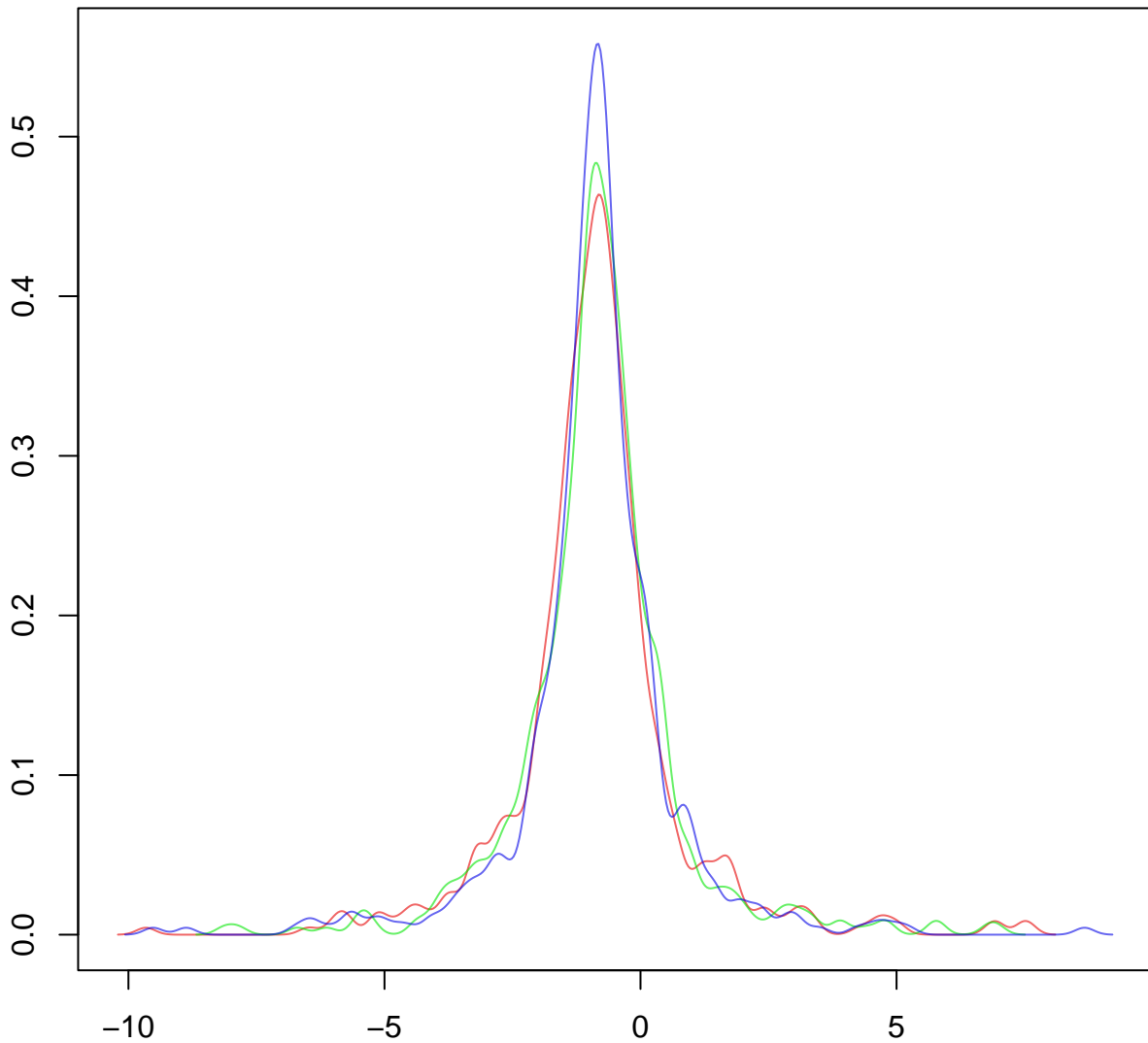
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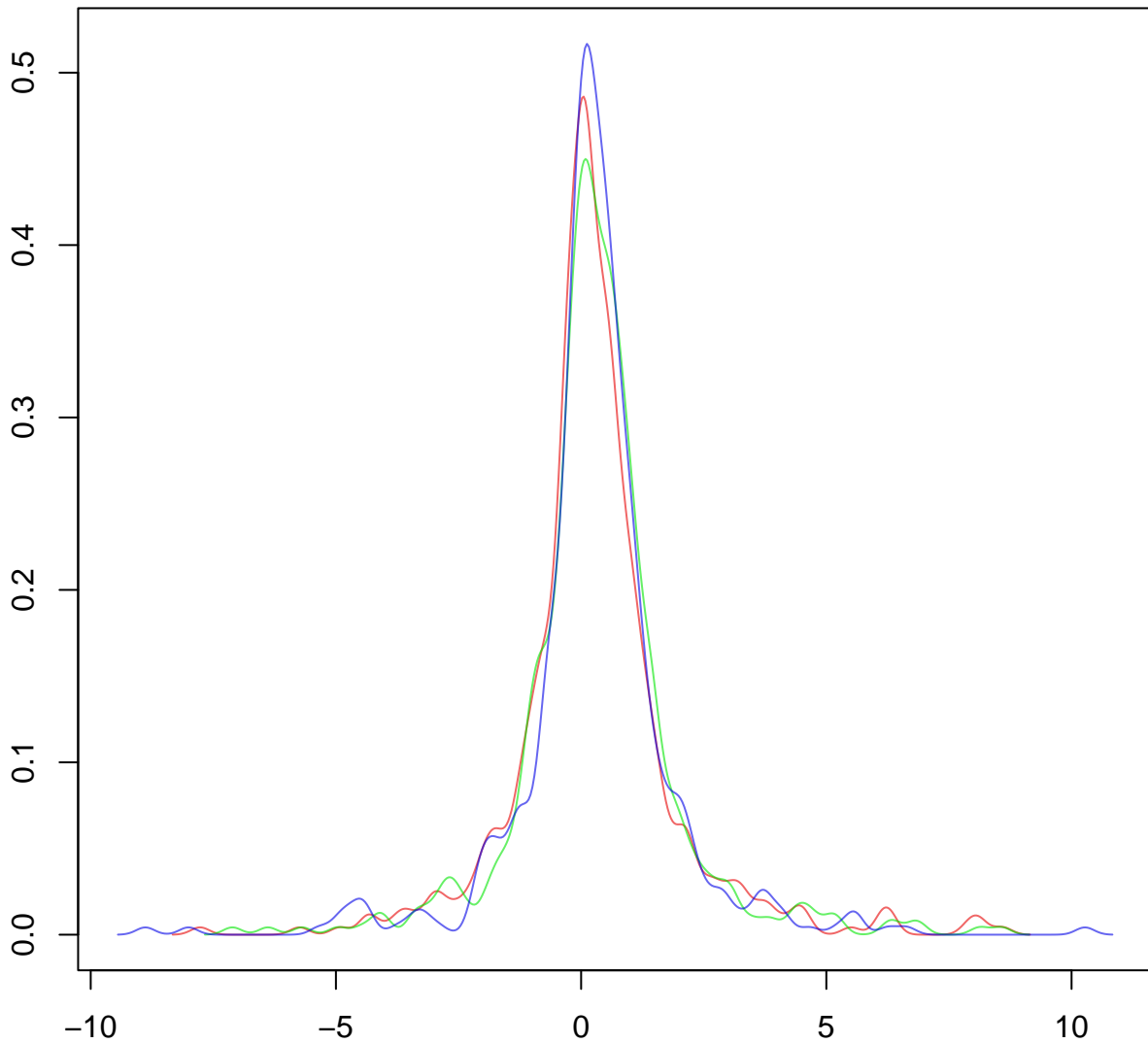
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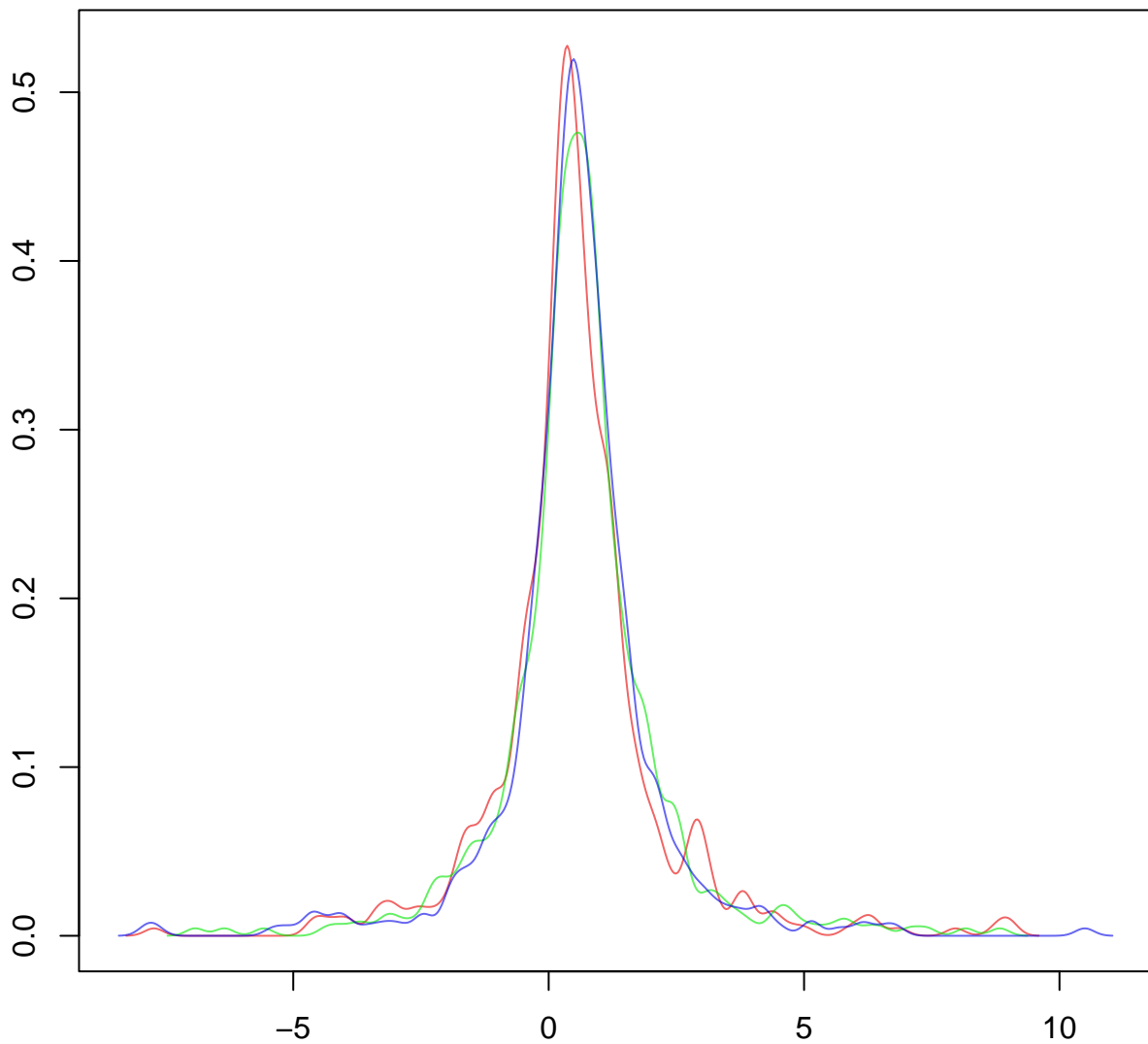
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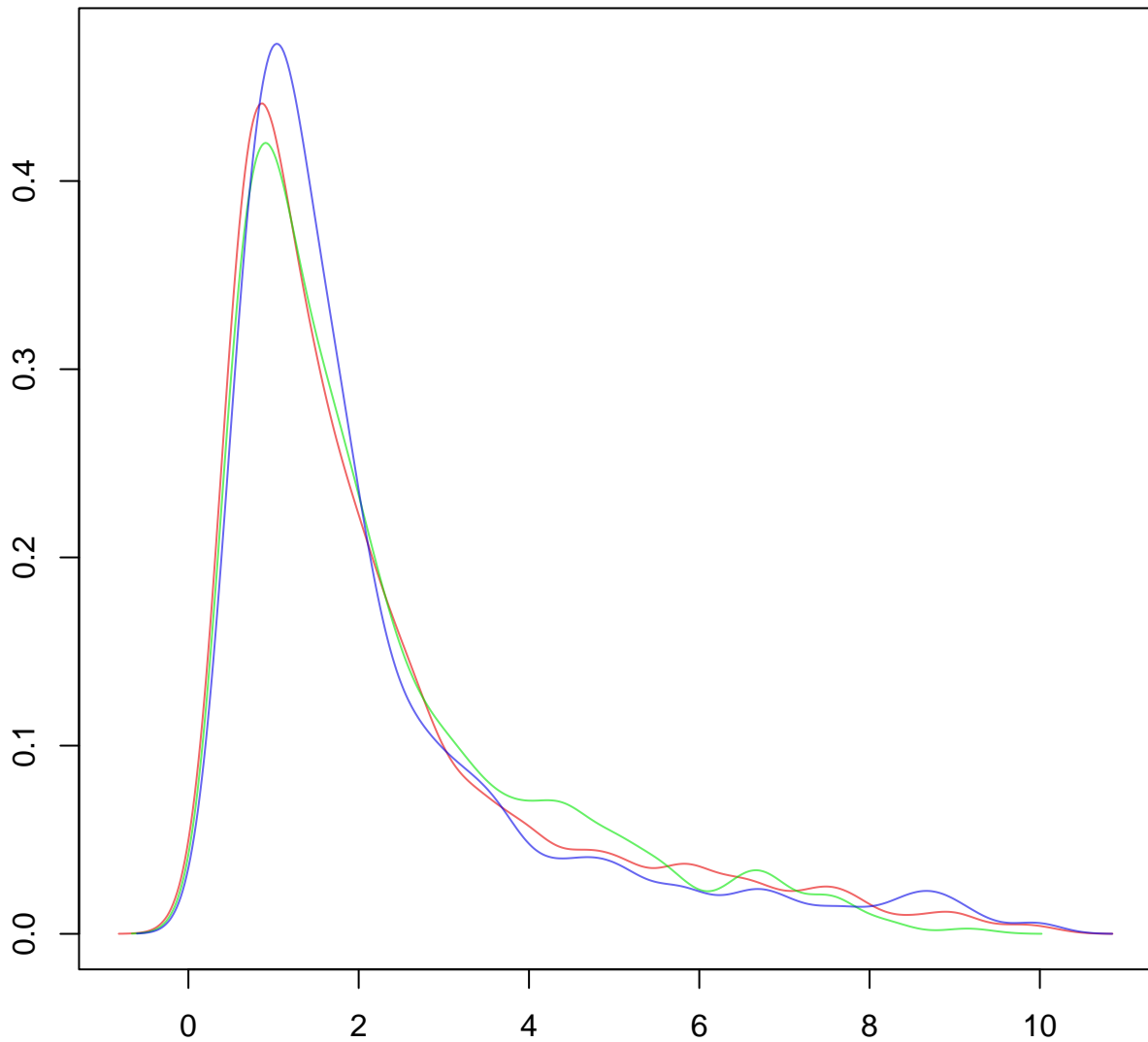
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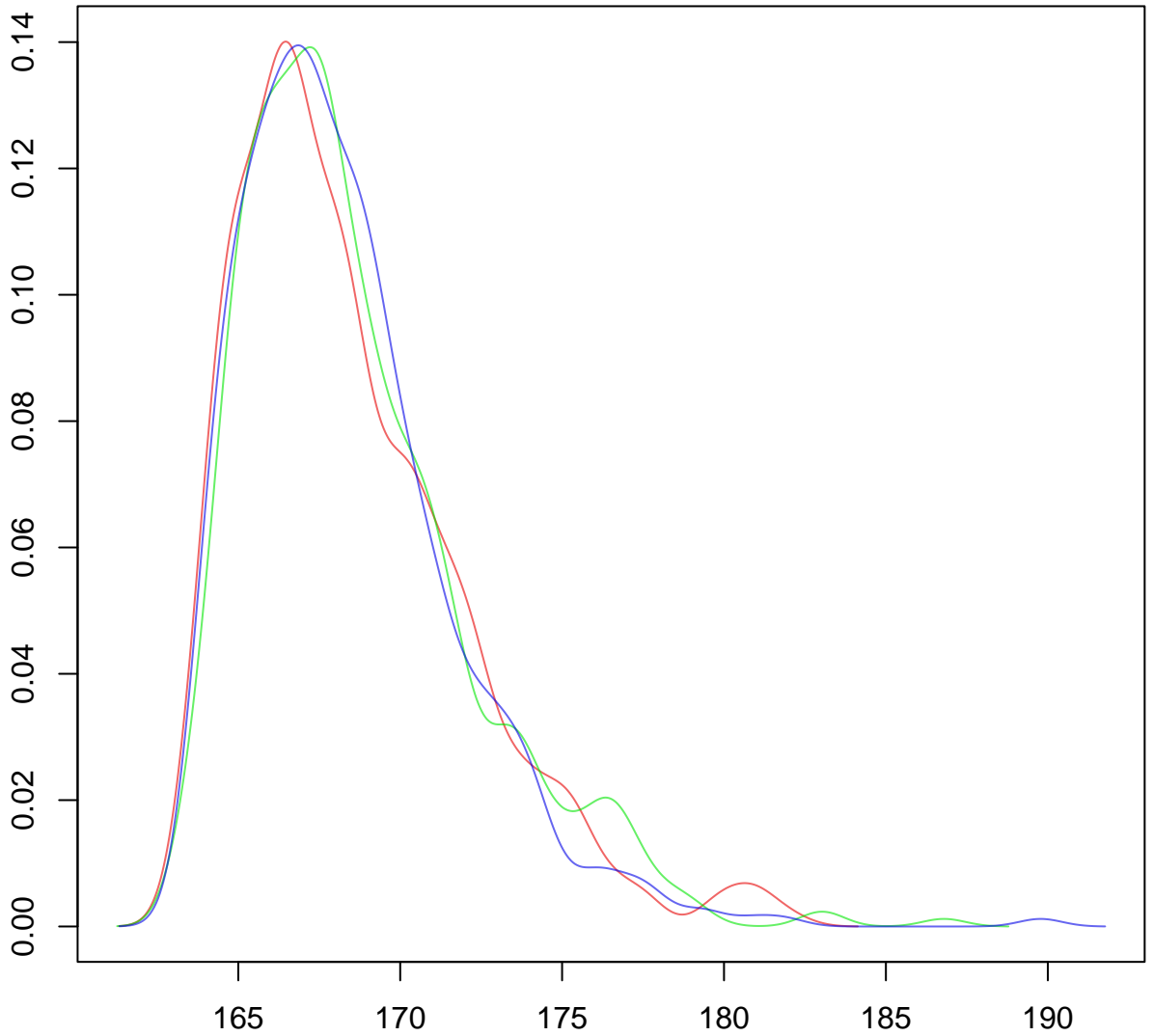
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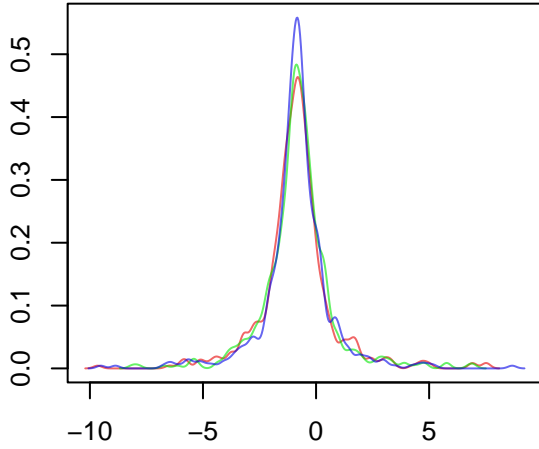
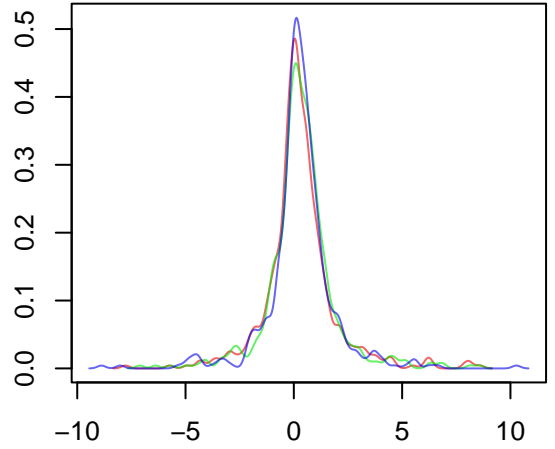
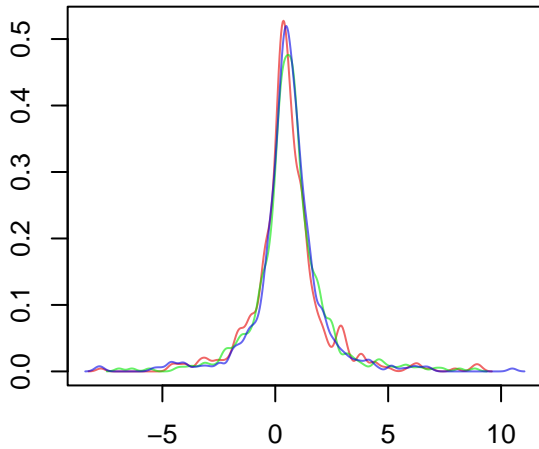


sig_a

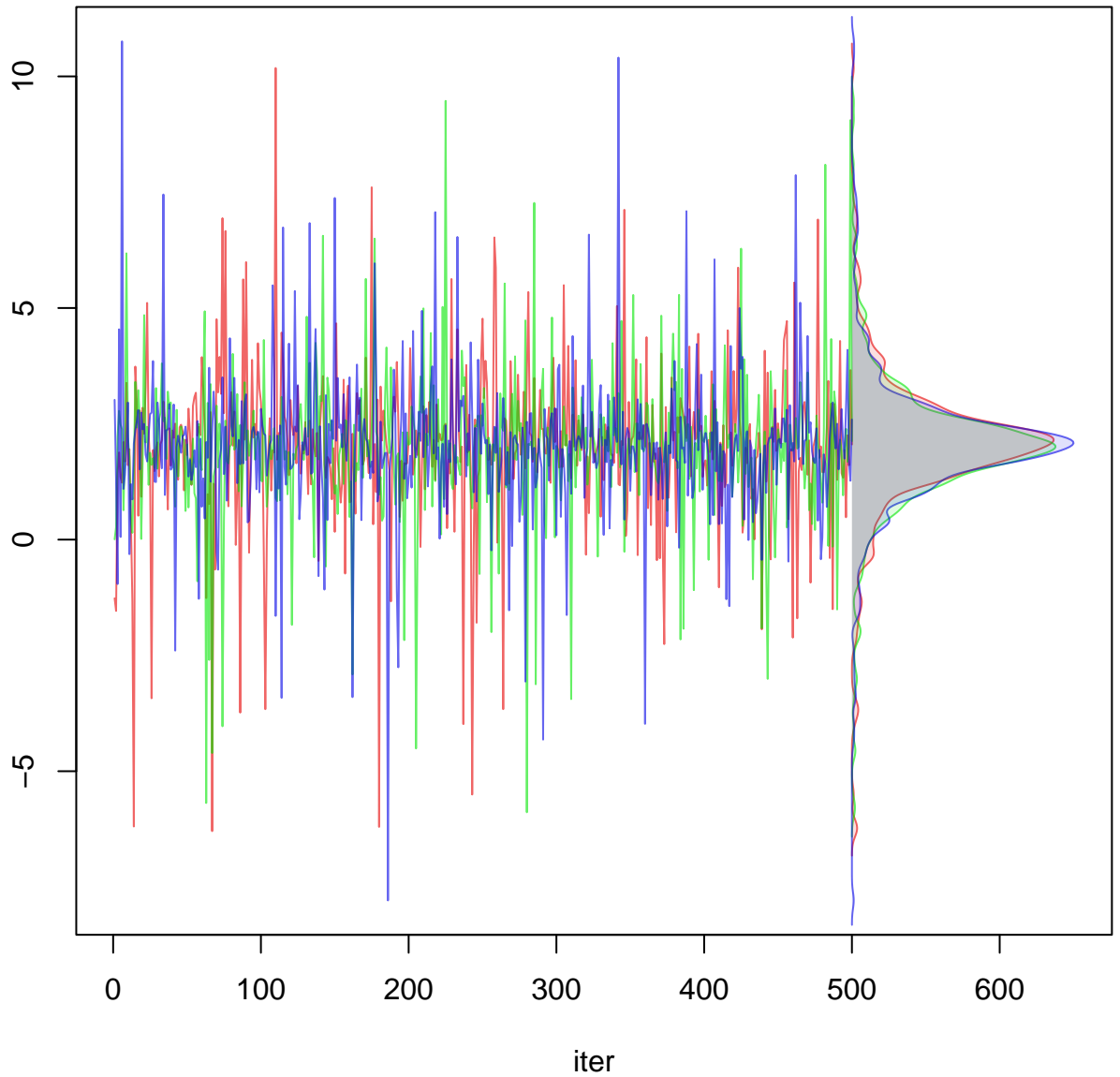


deviance

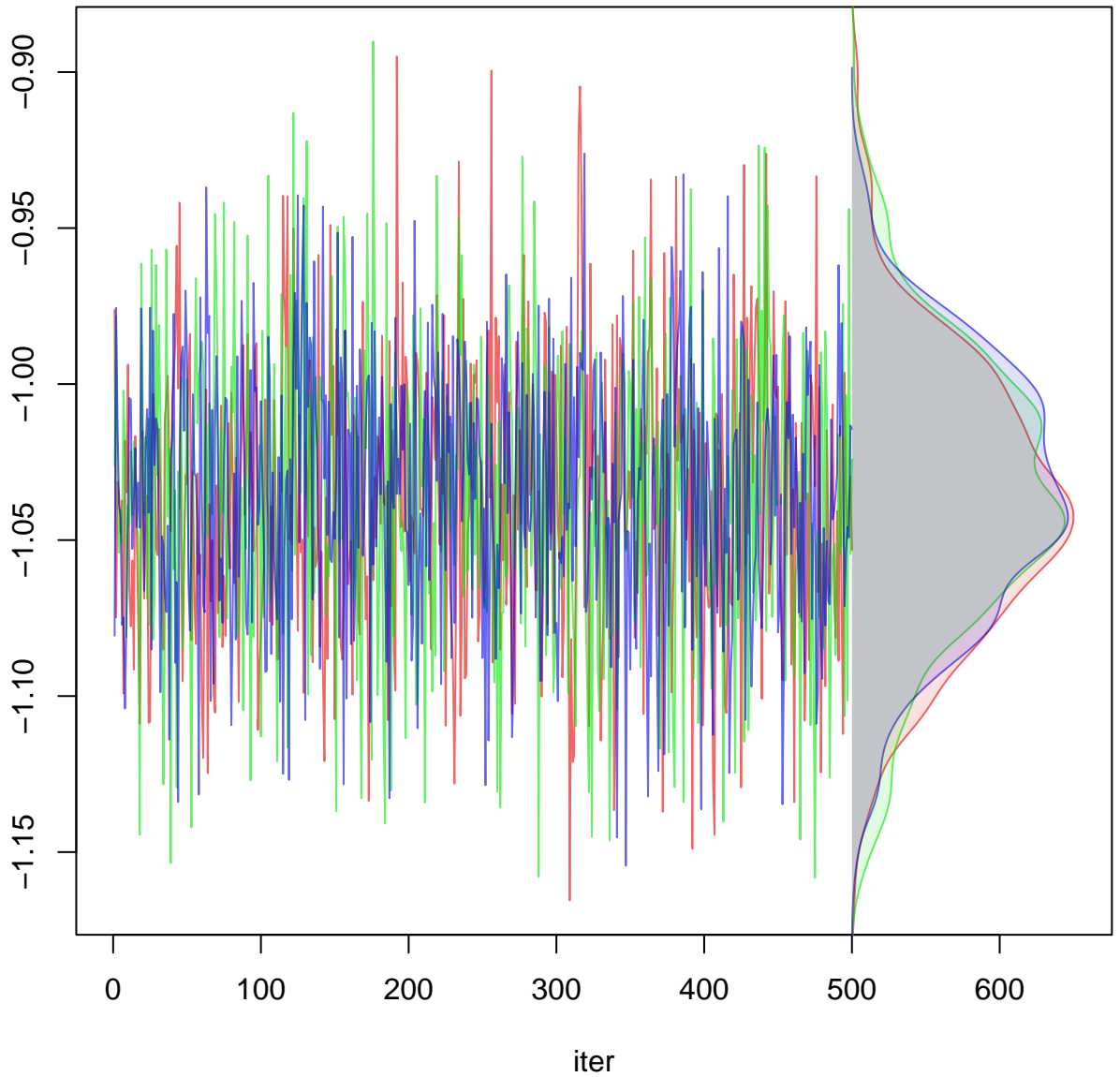


a[1]**a[2]****a[3]**

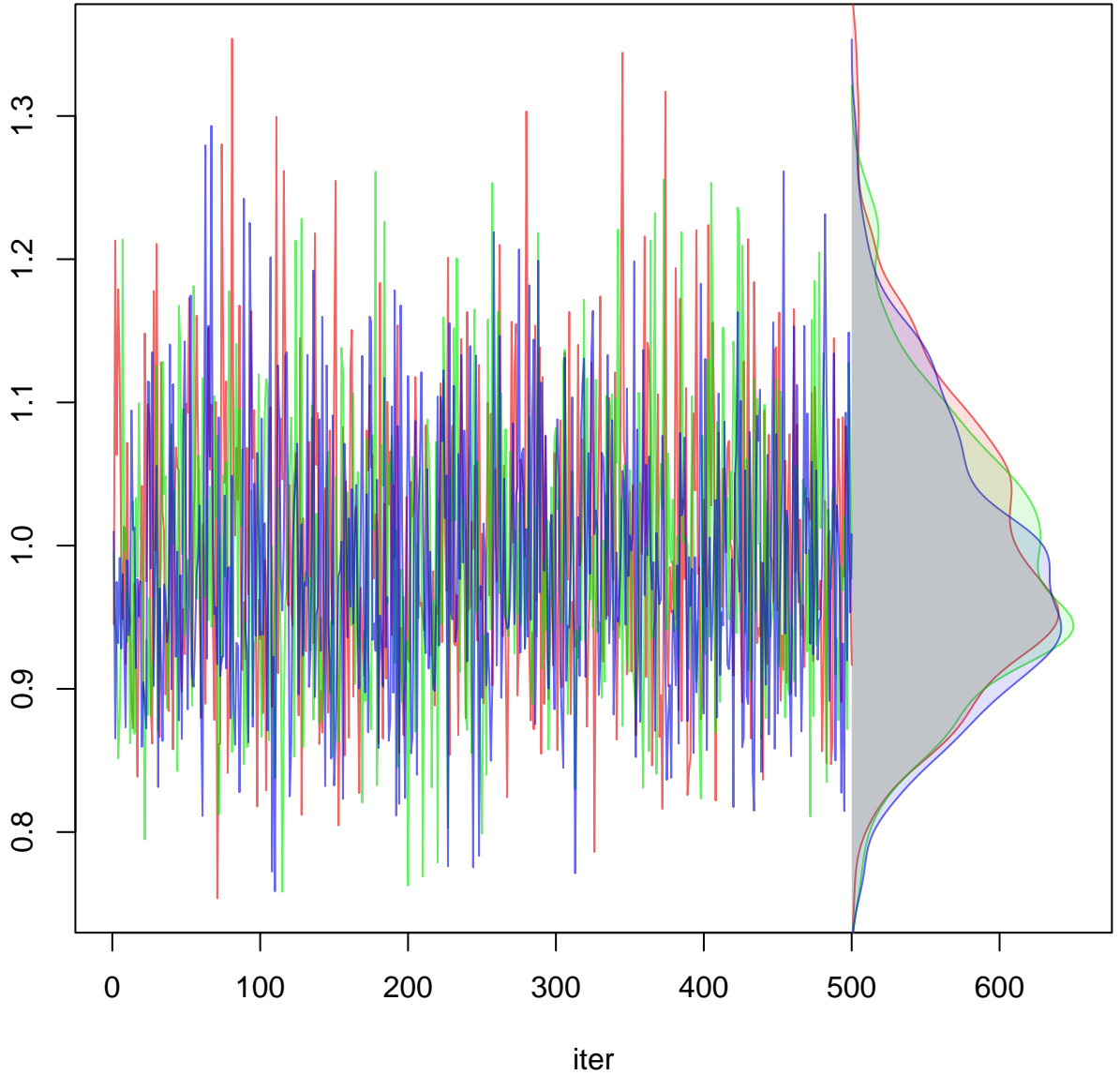
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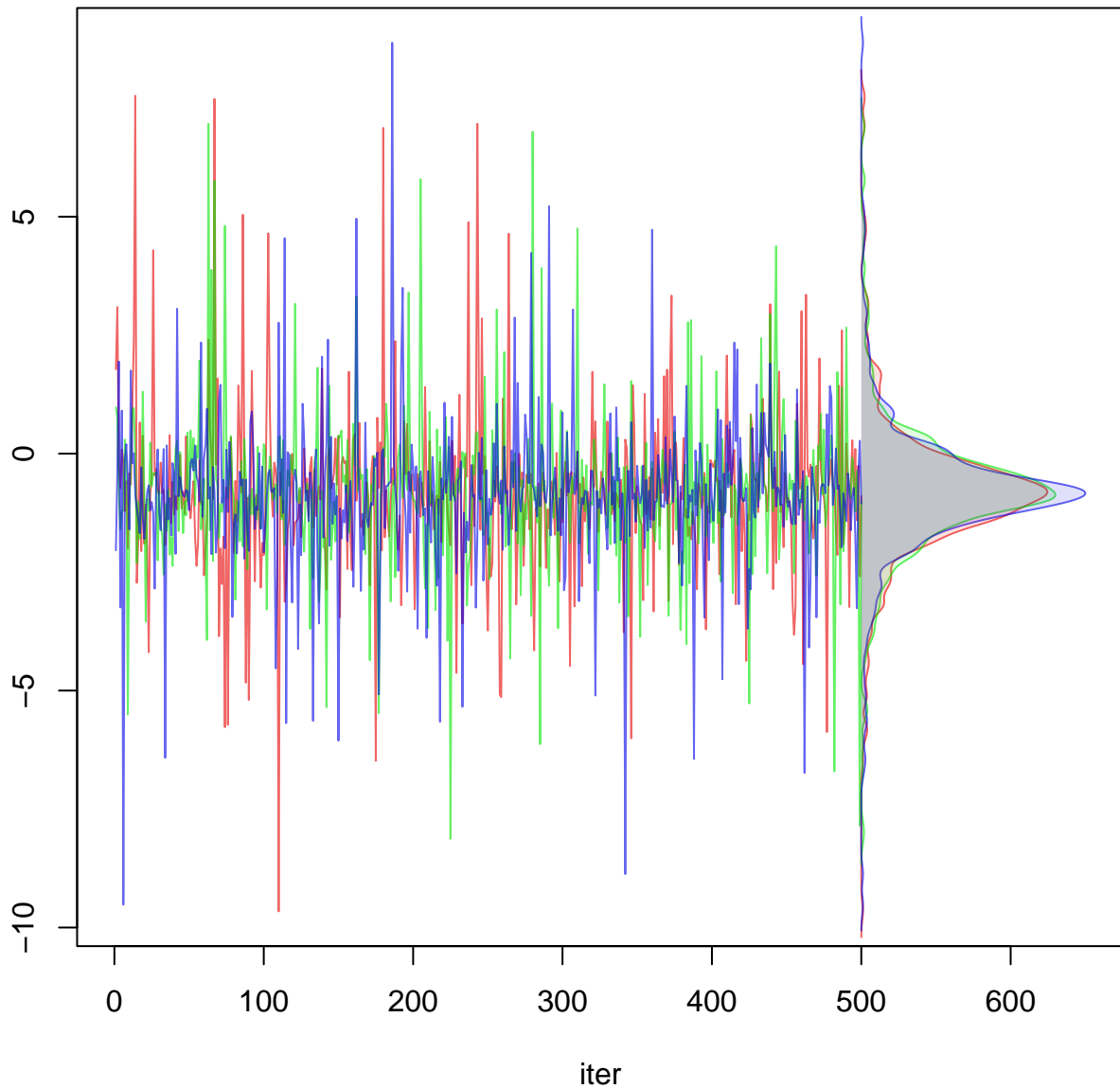
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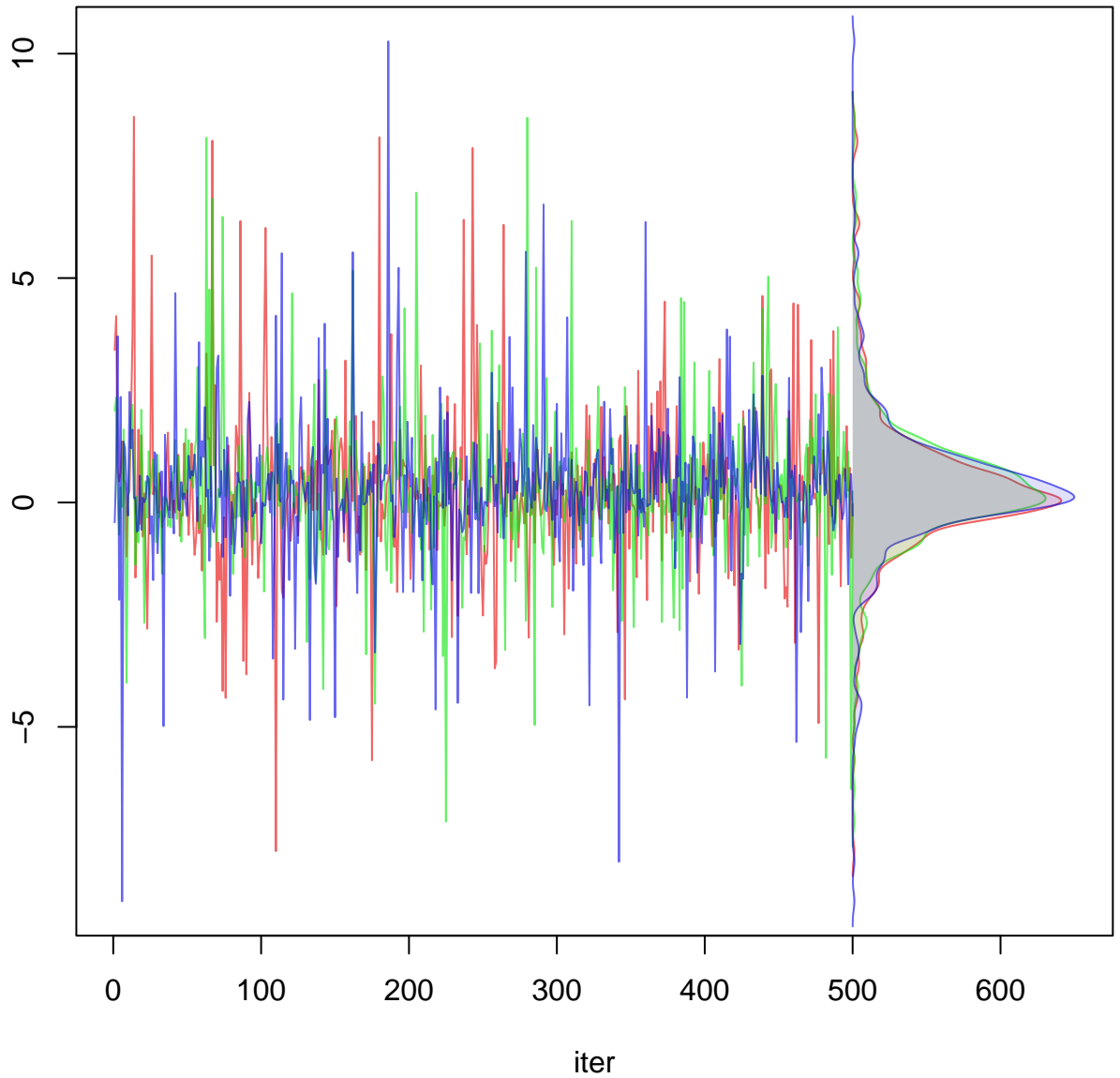
sig



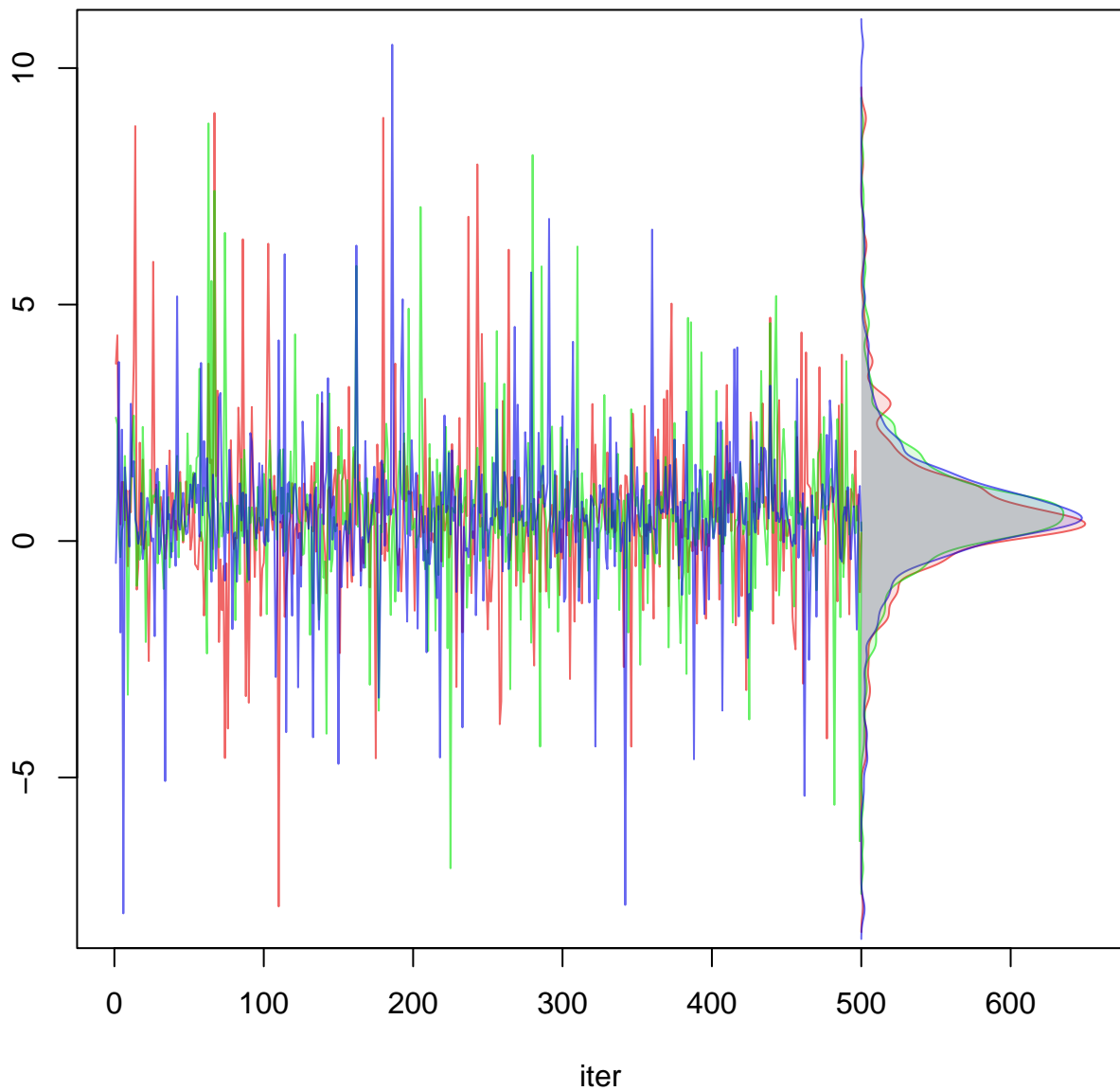
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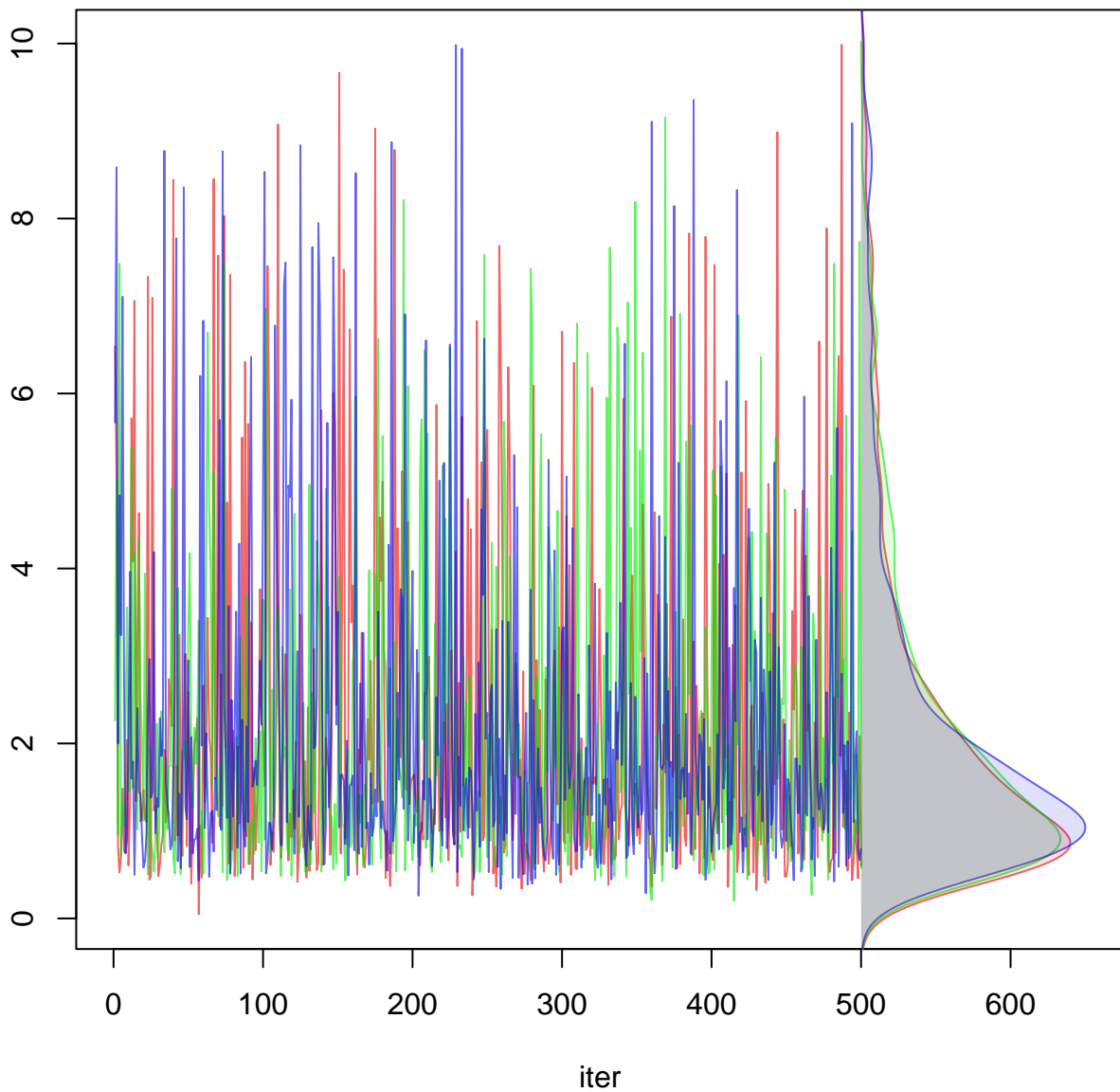
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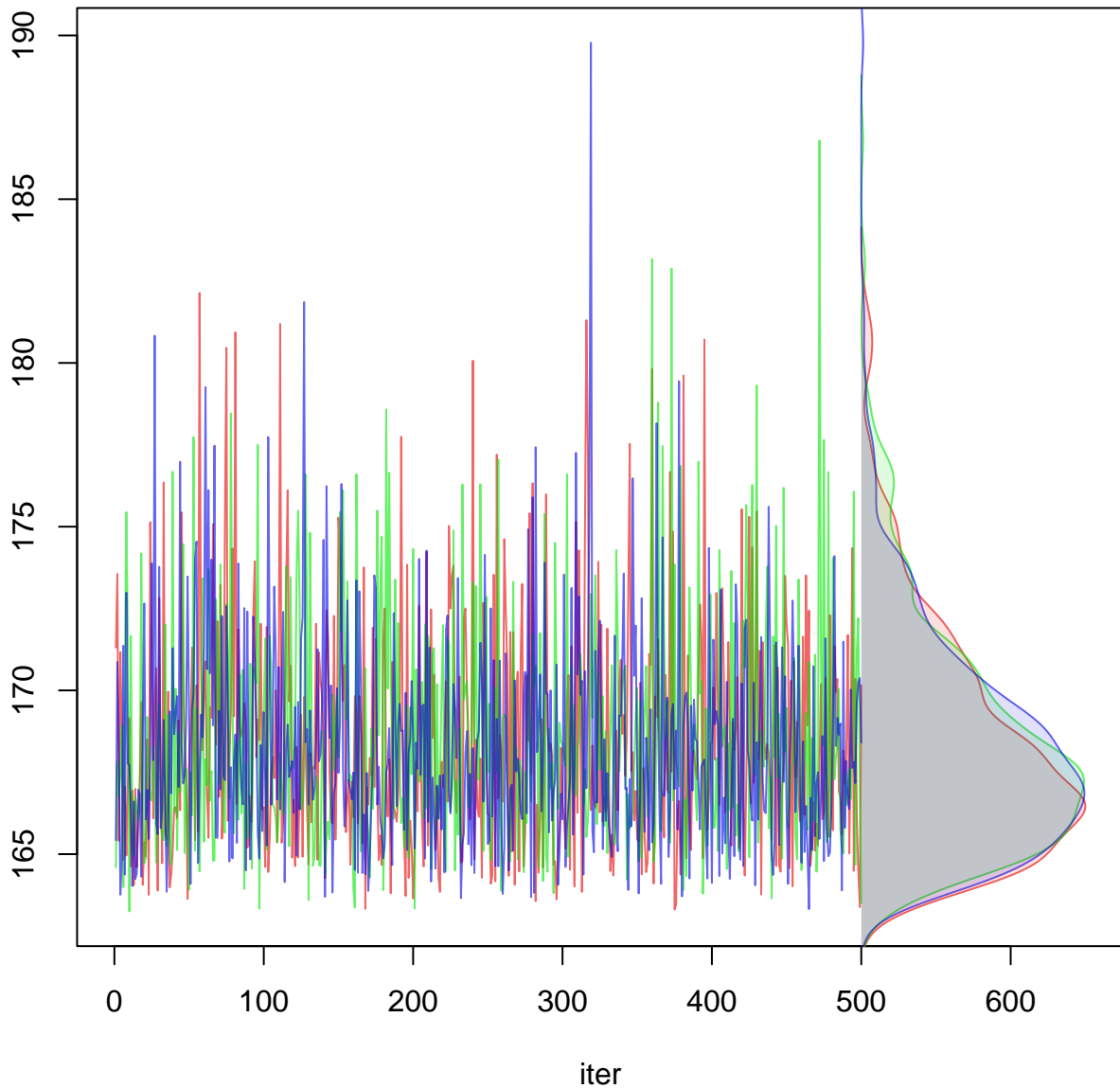
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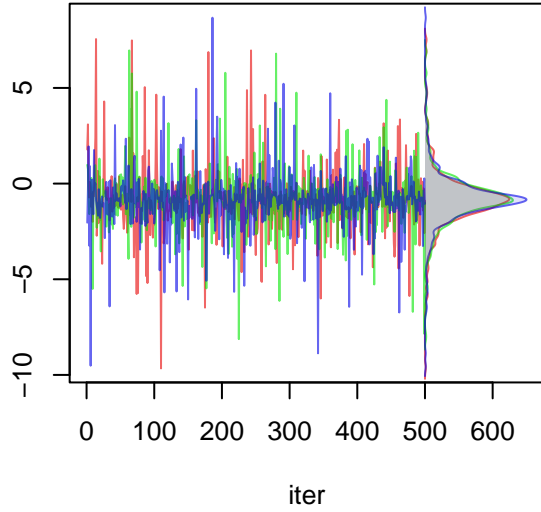
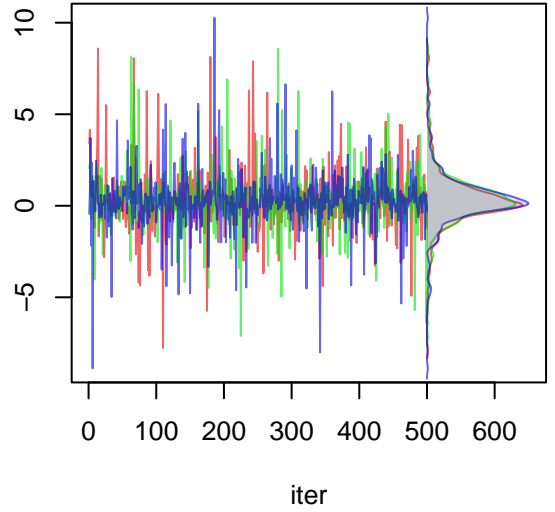
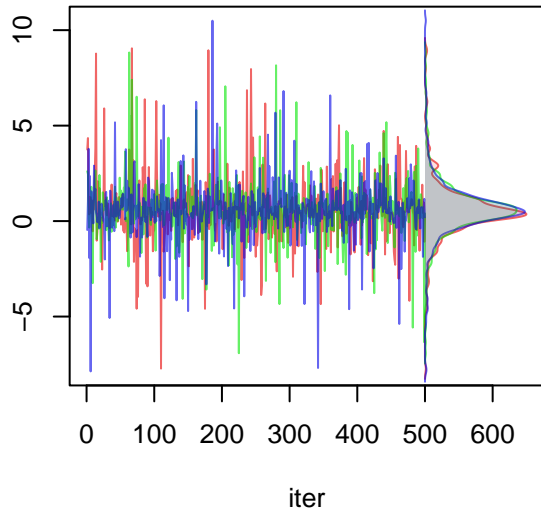


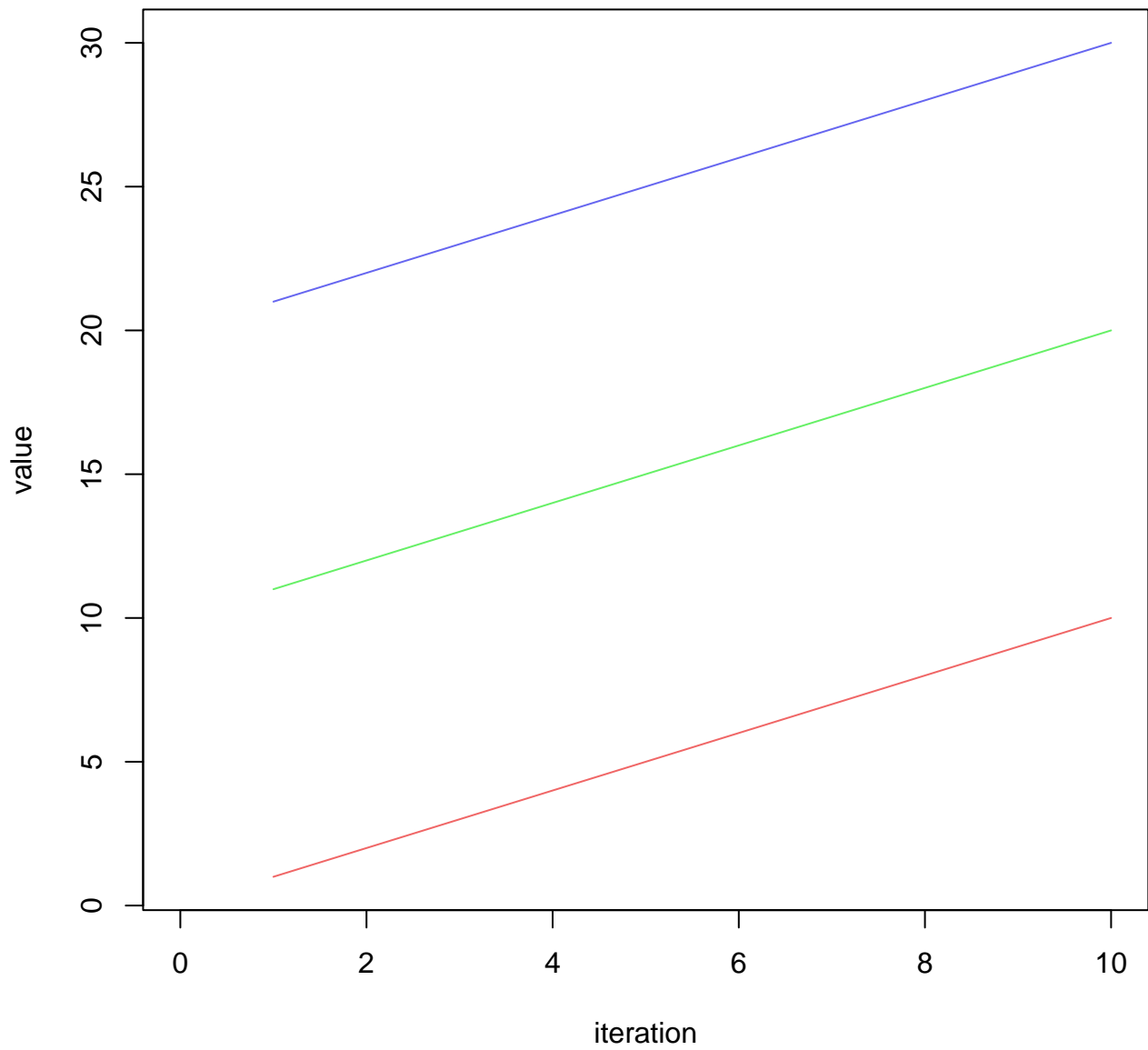
sig_a

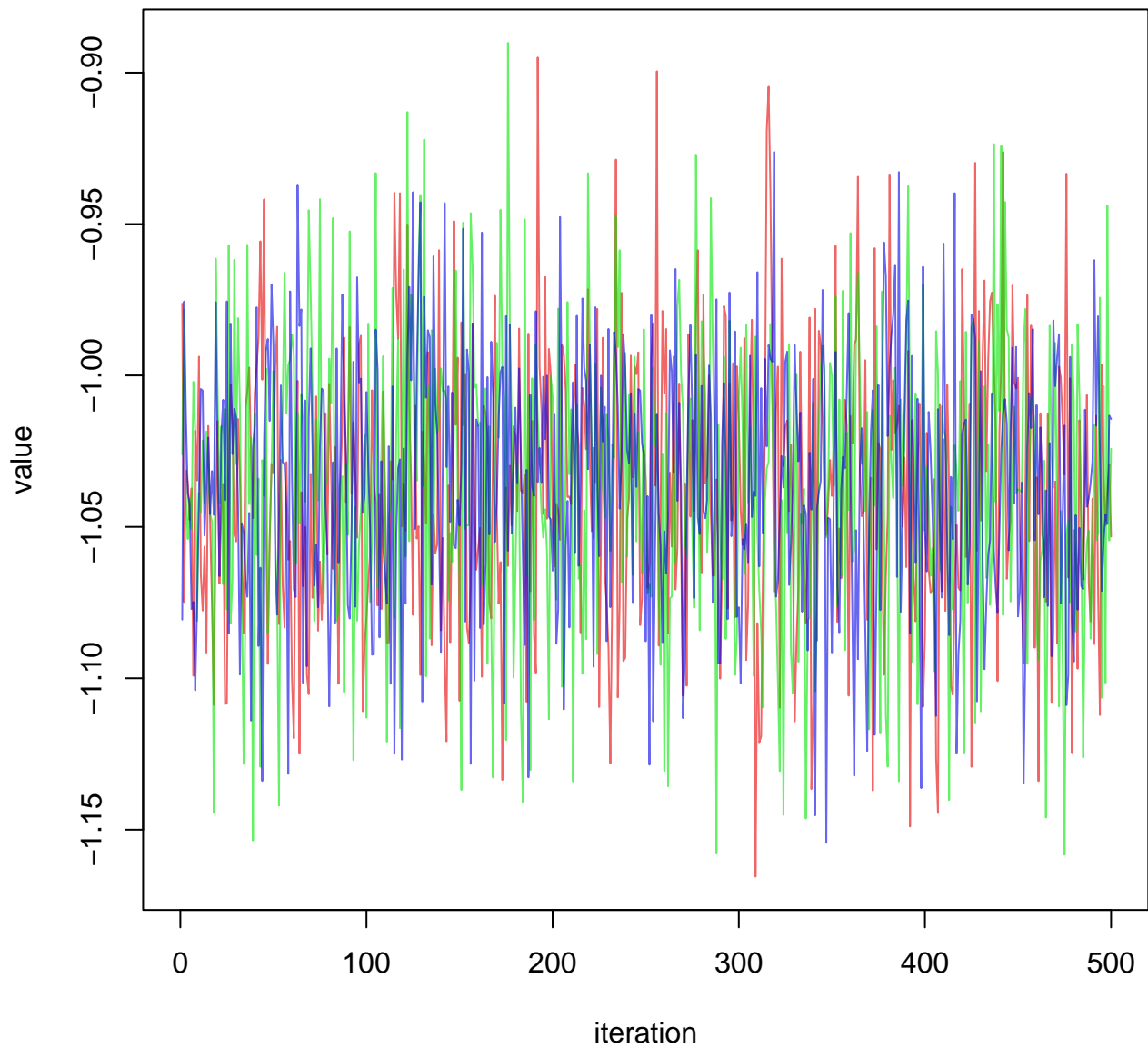


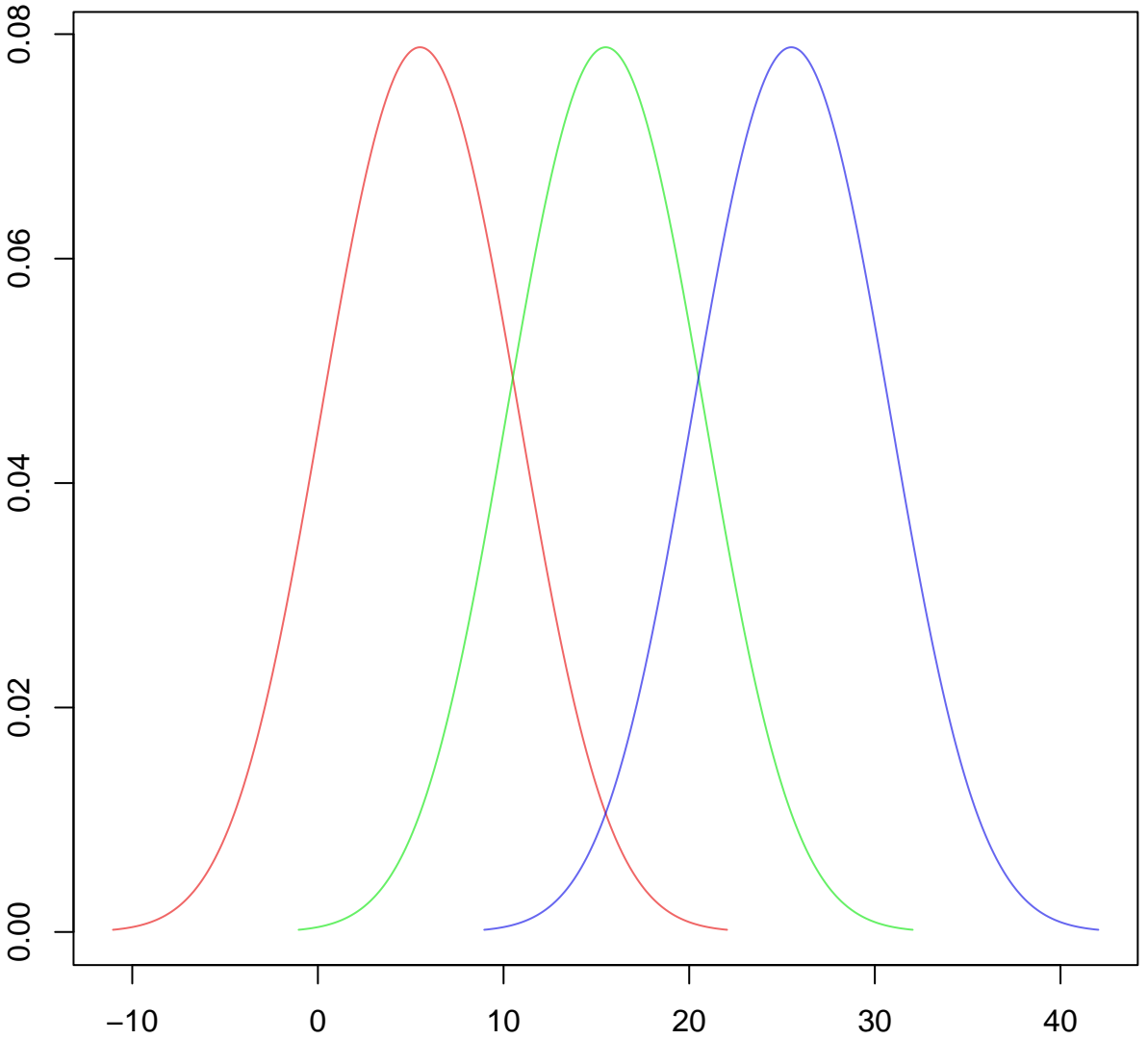
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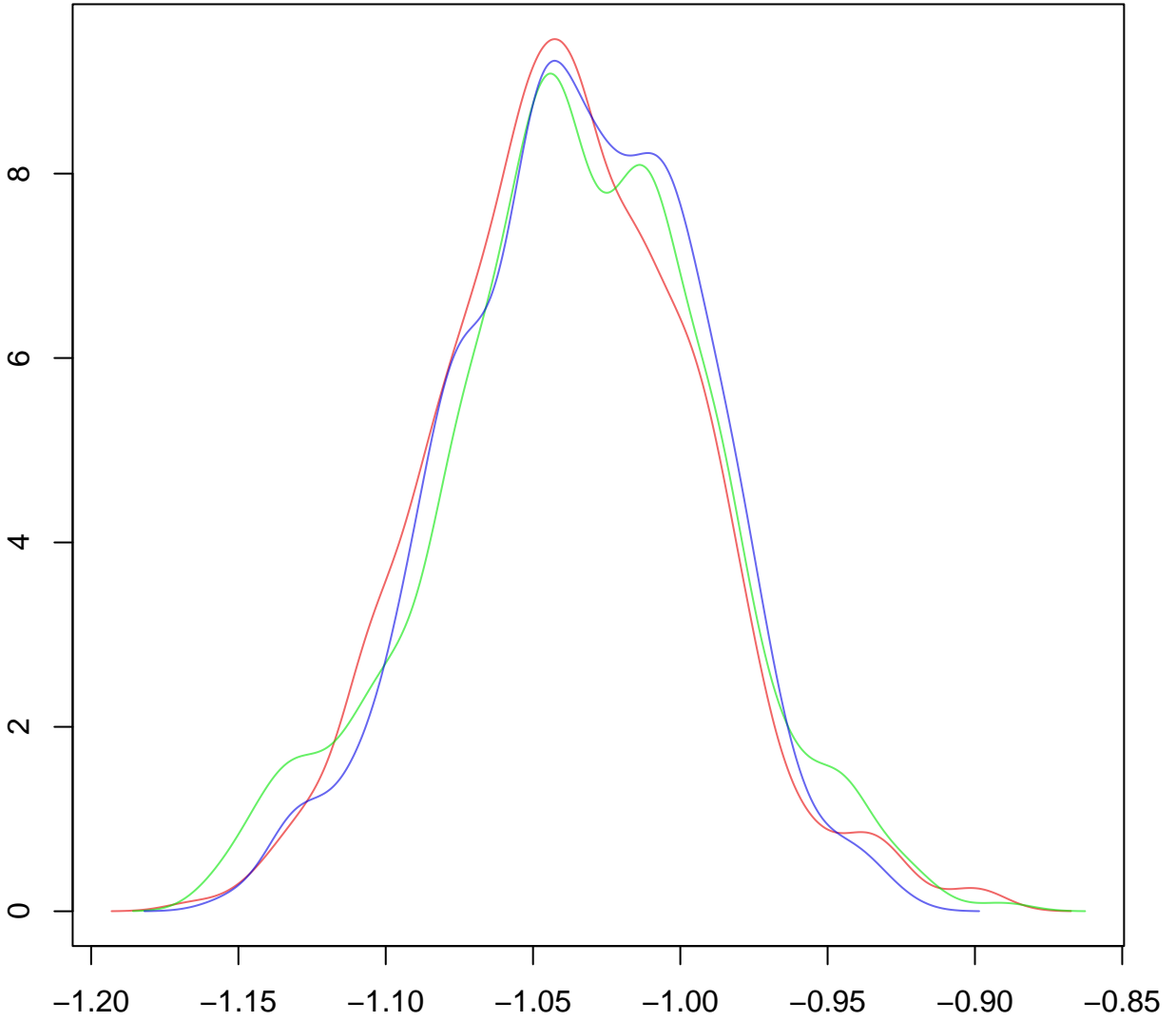


a[1]**a[2]****a[3]**

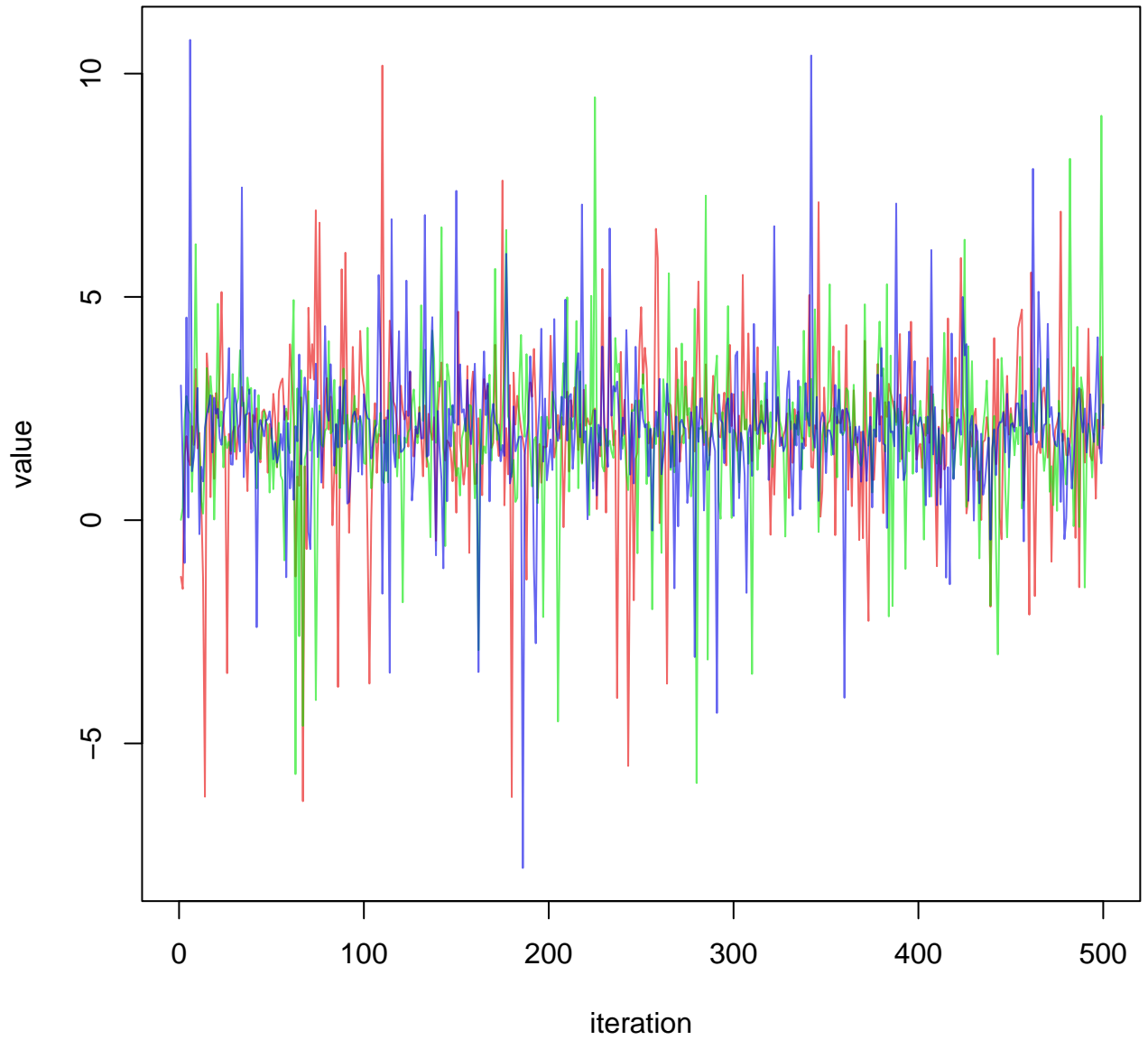




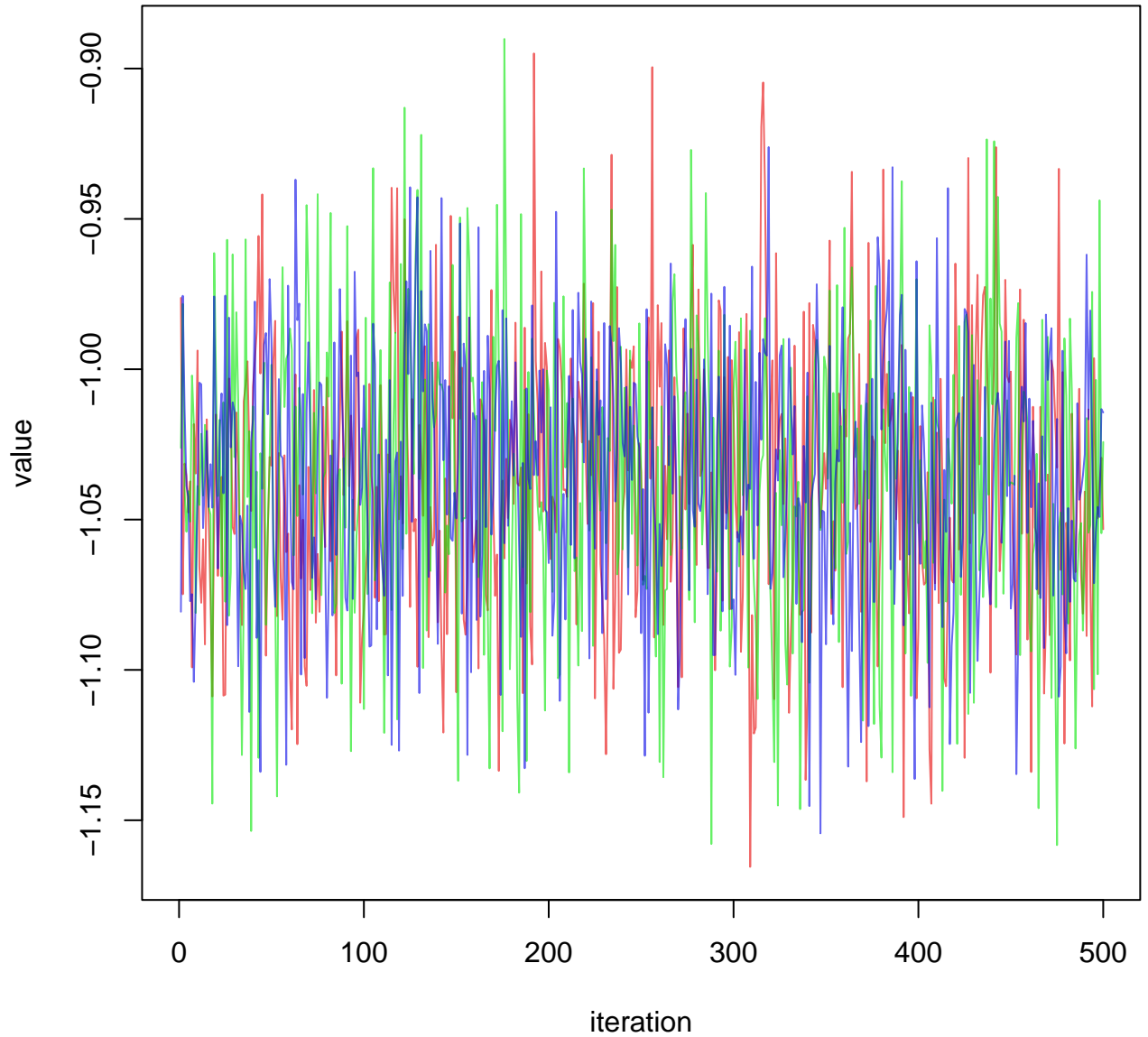




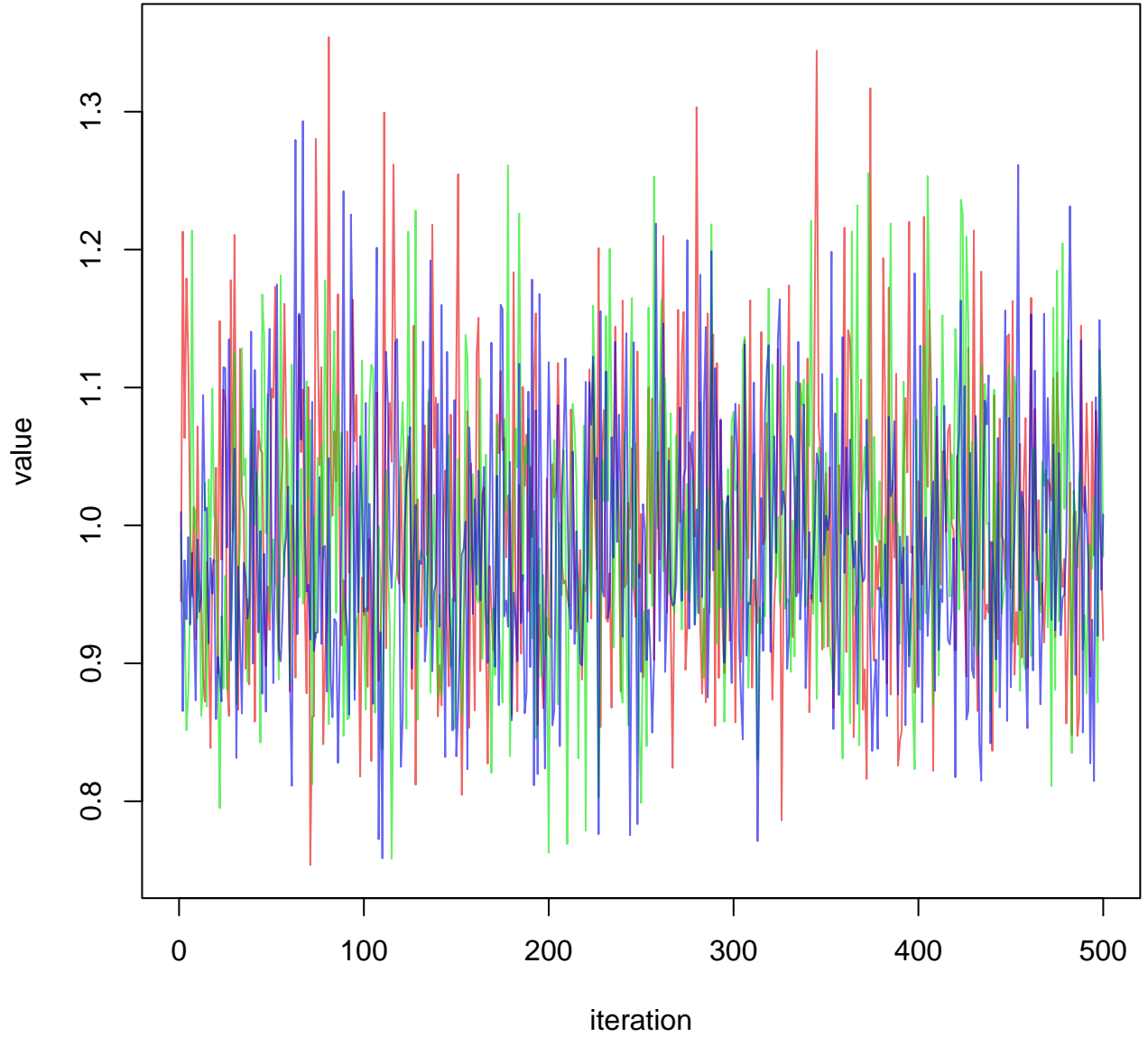
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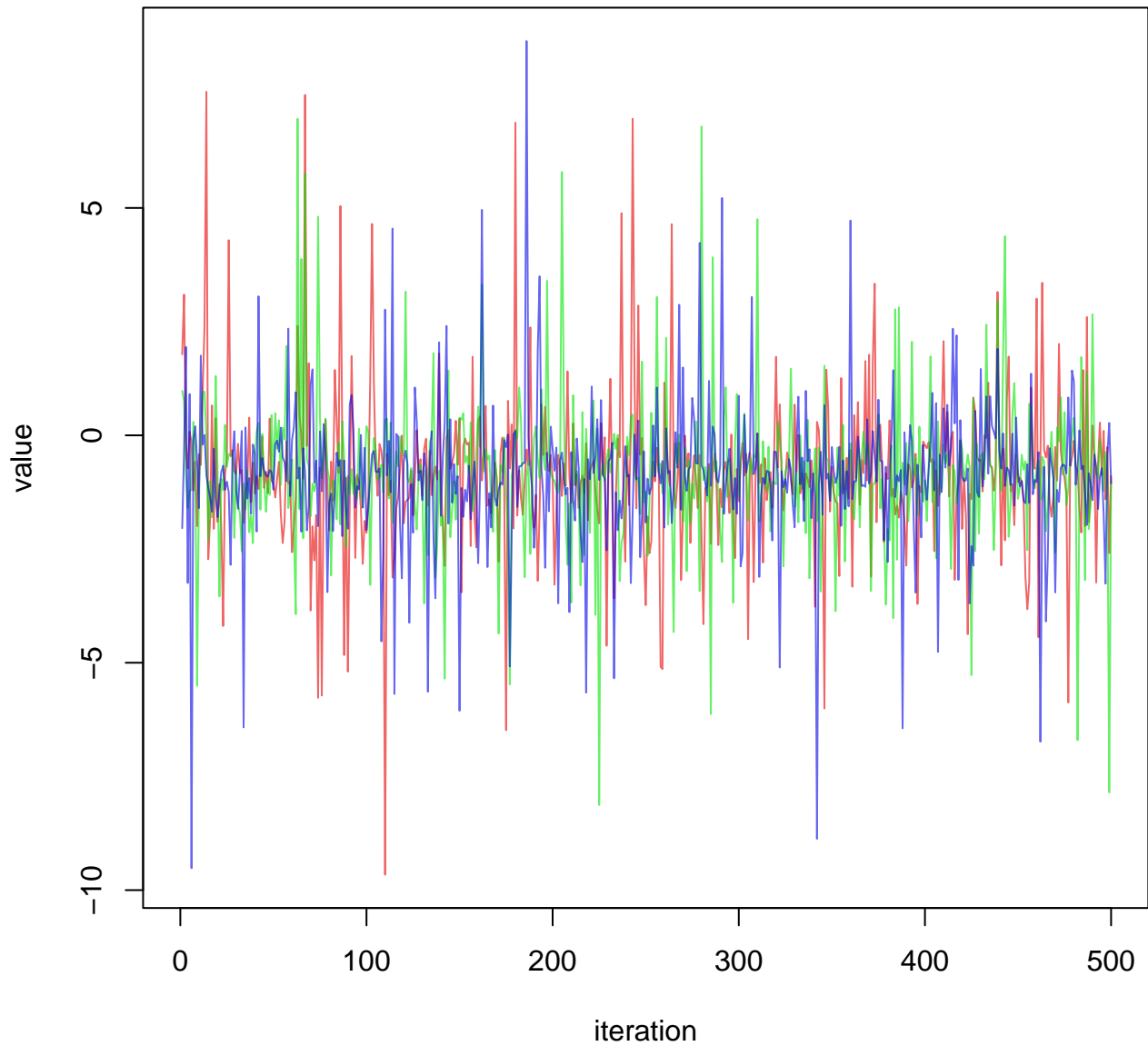
b1



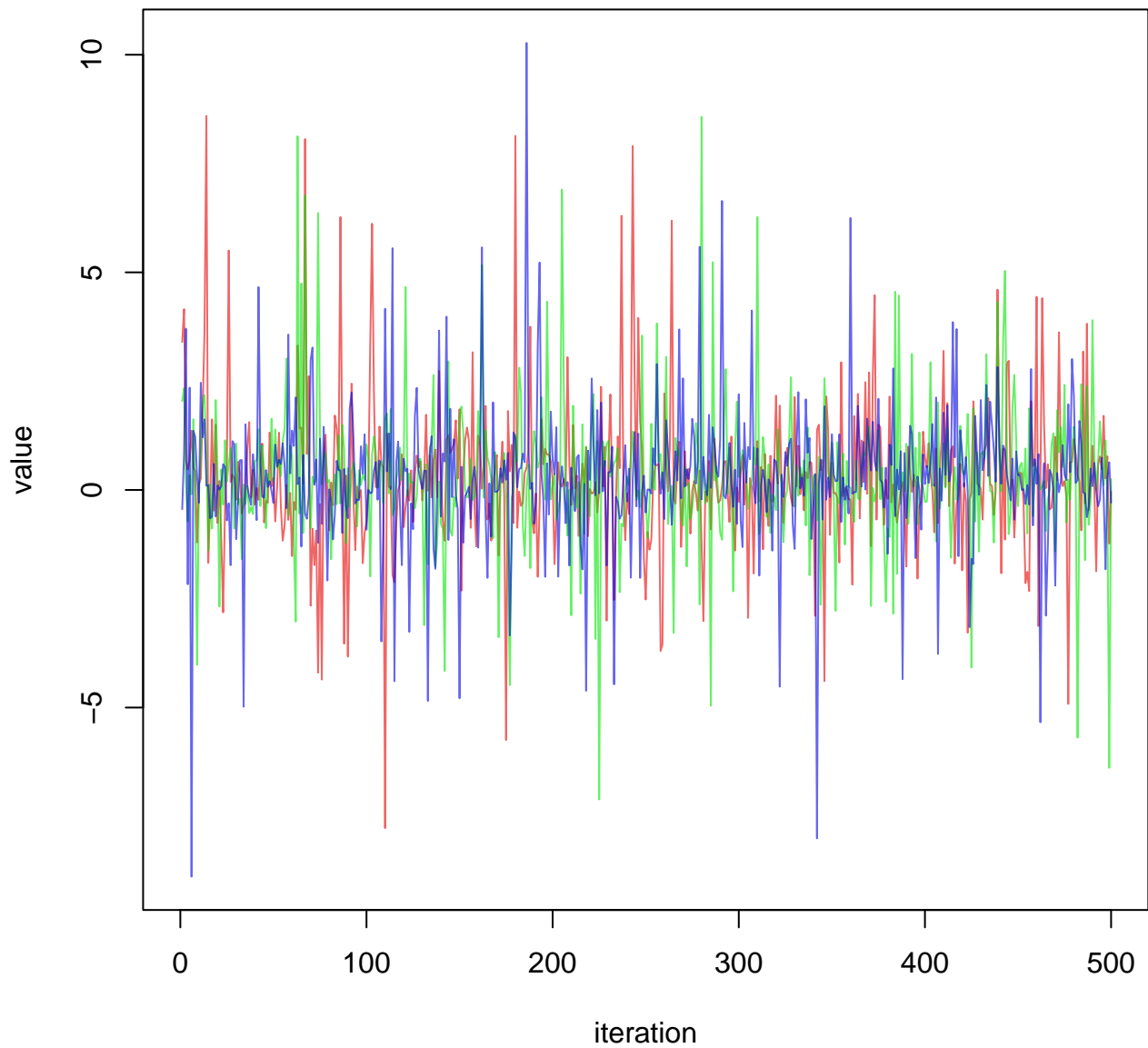
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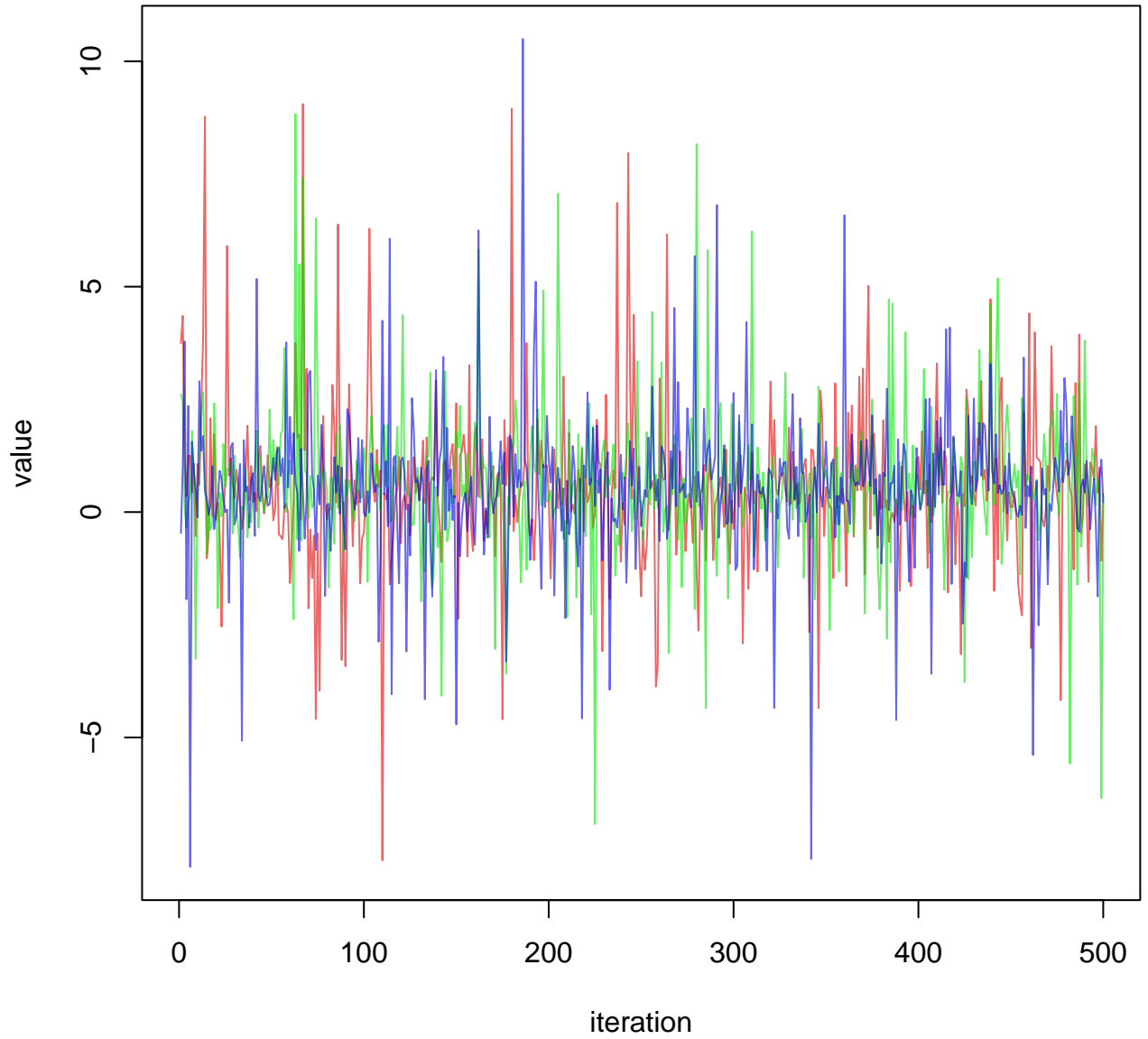
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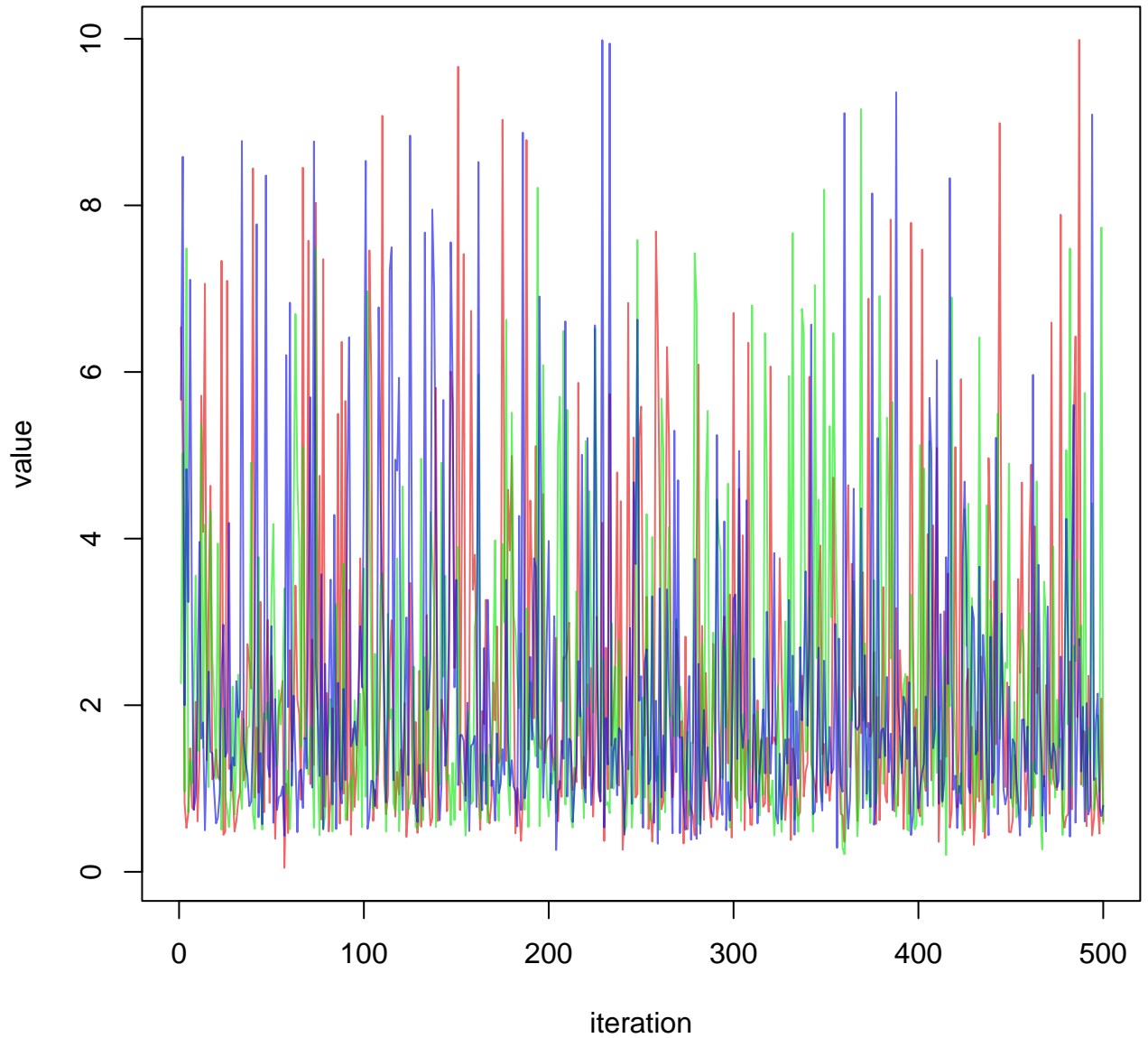
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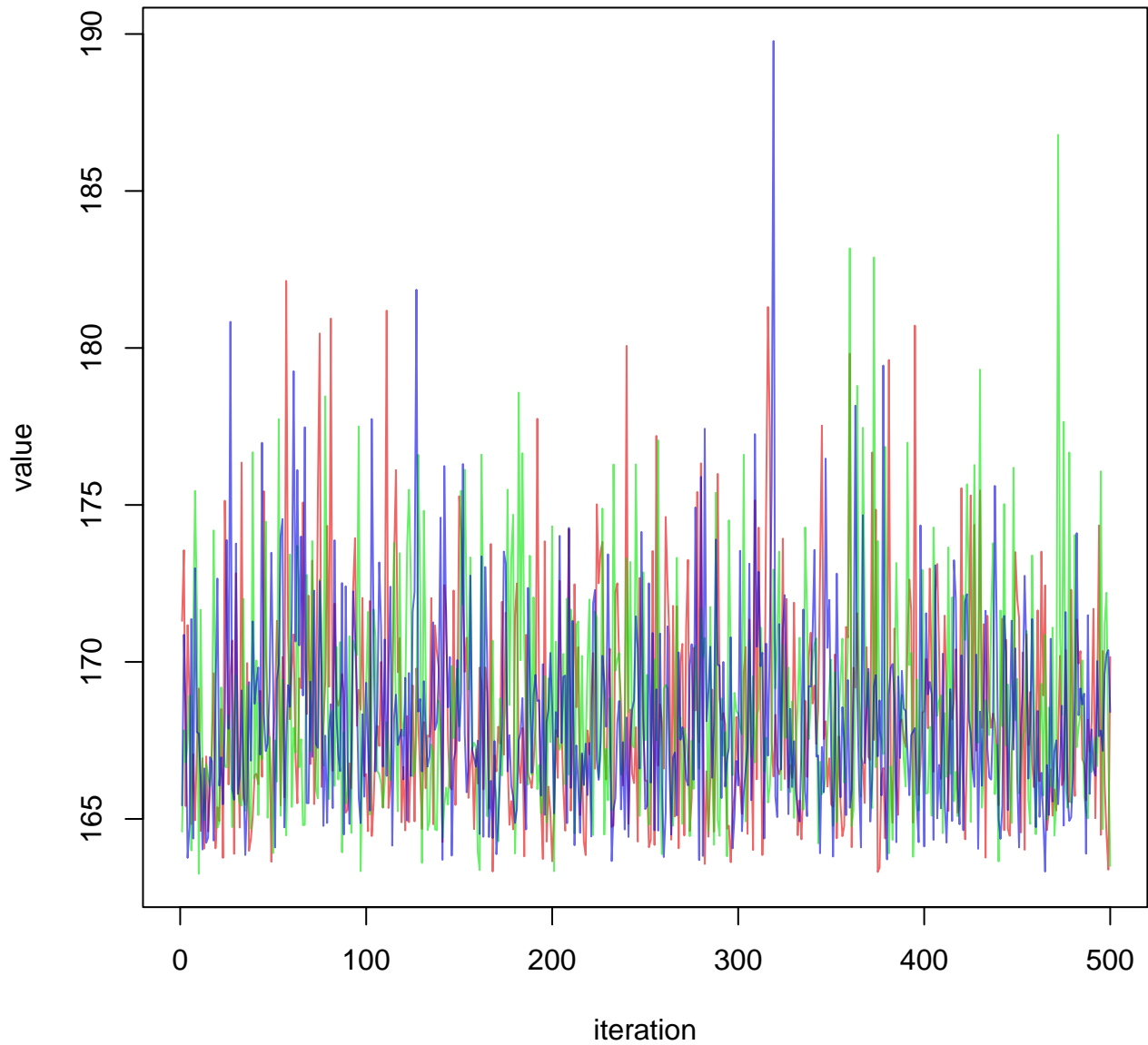
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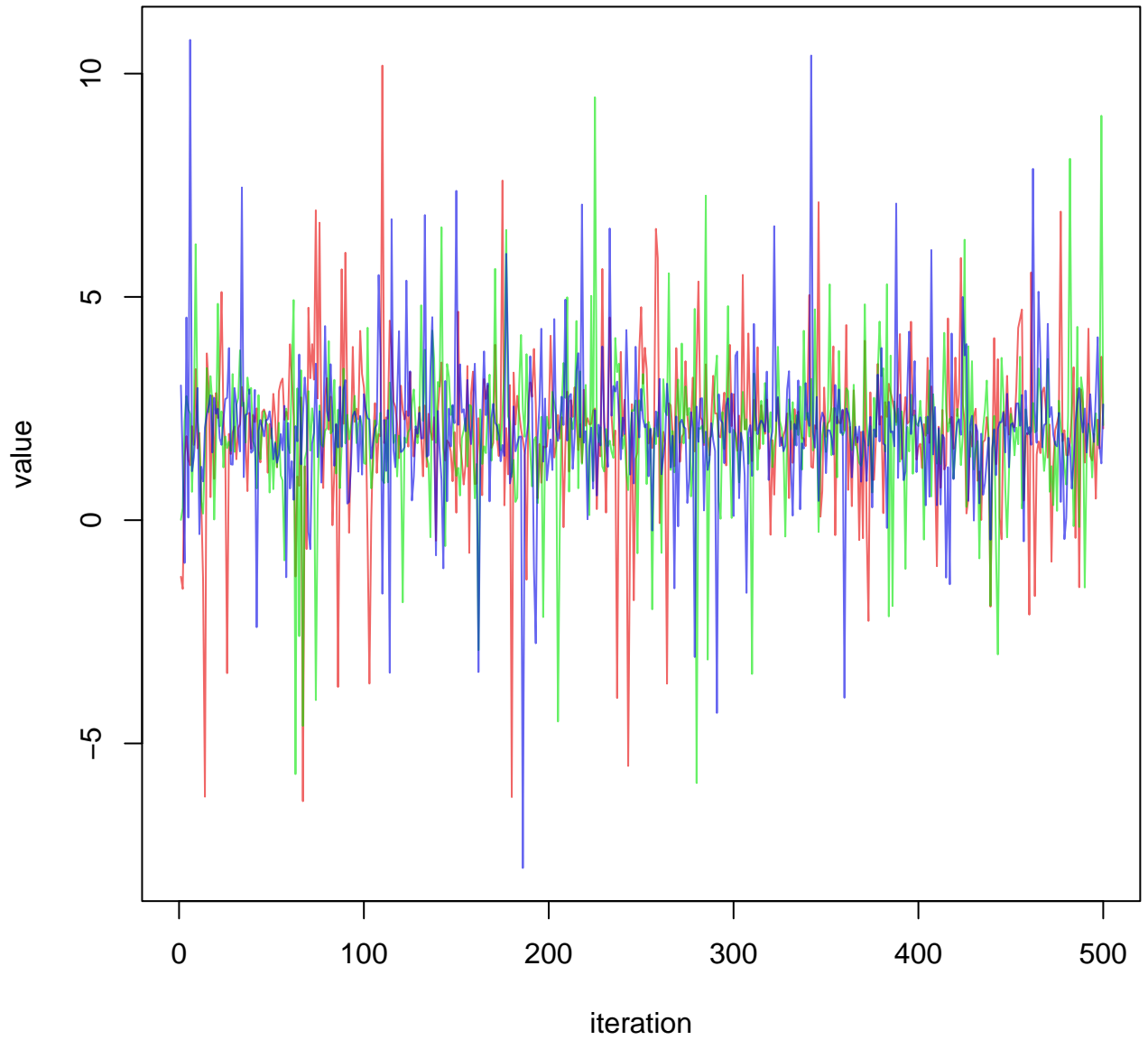
sig_a



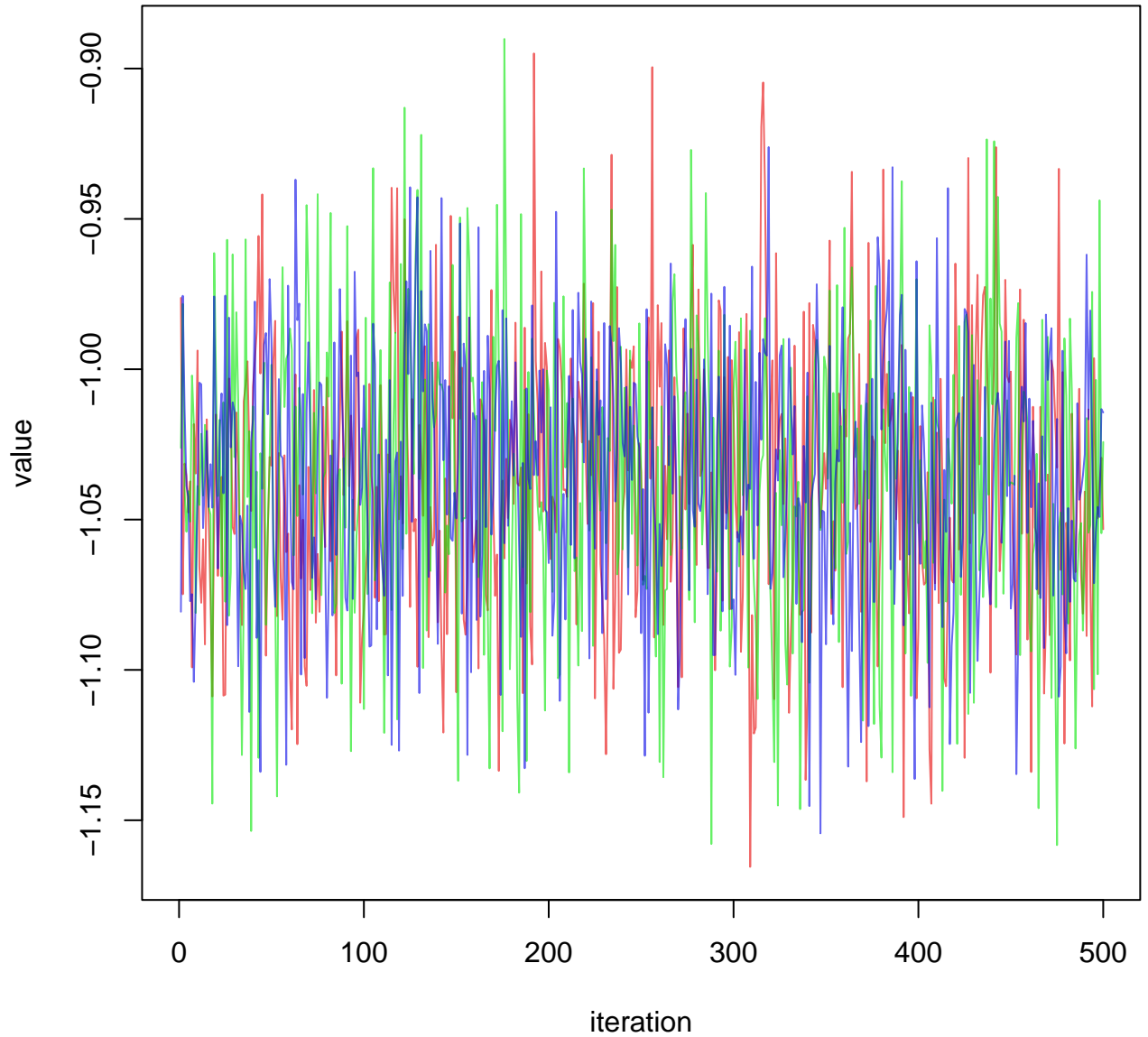
deviance



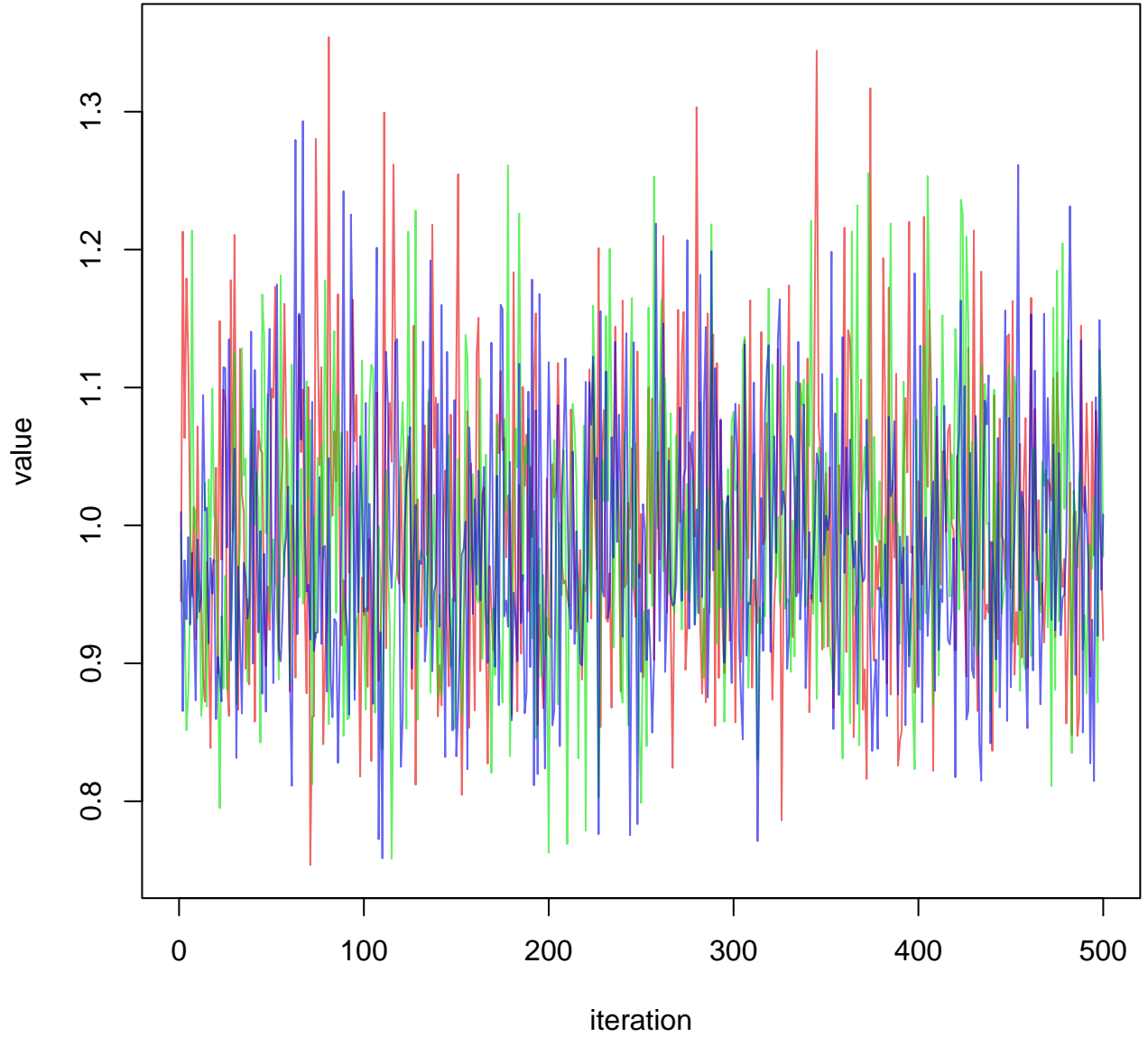
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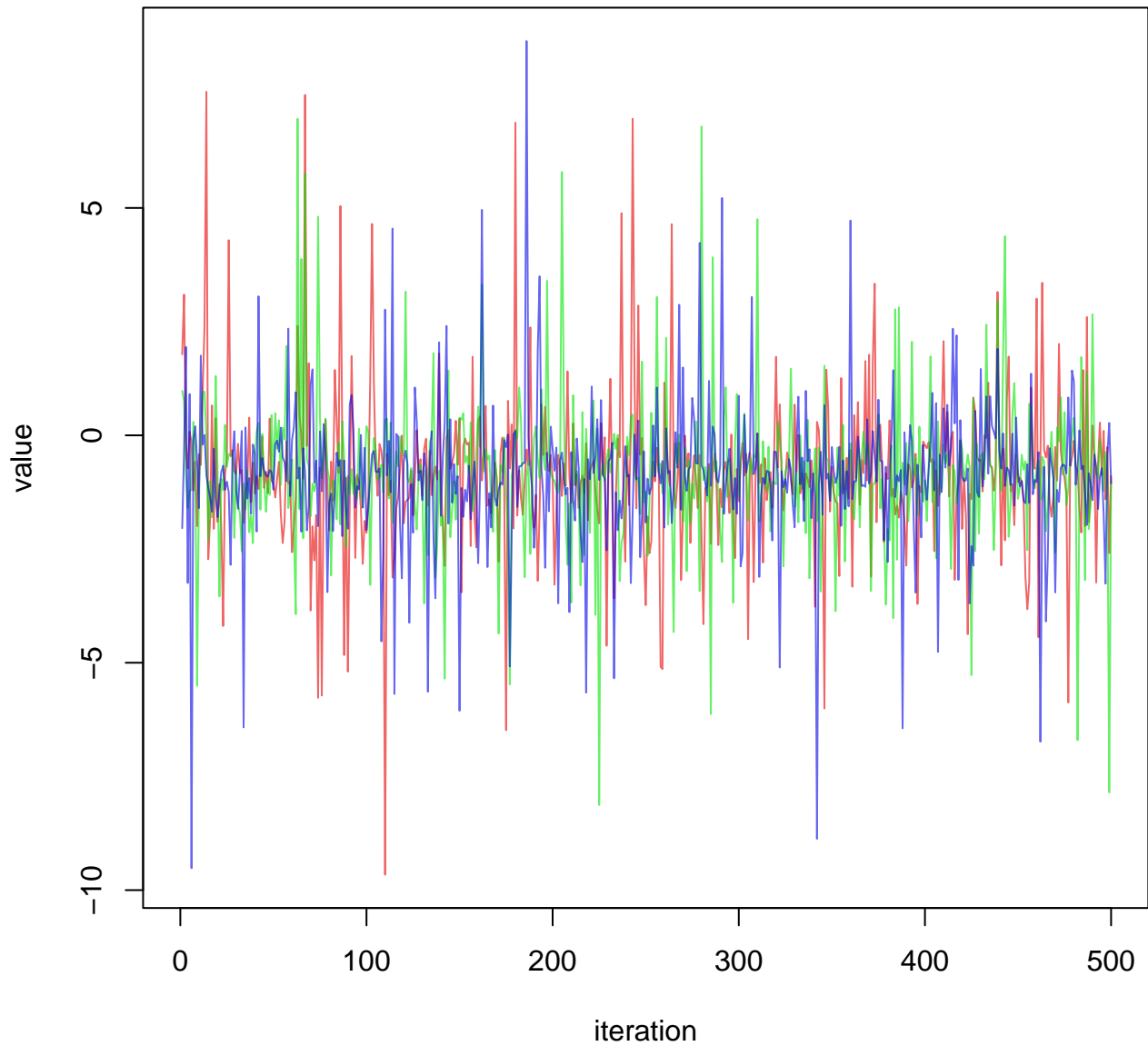
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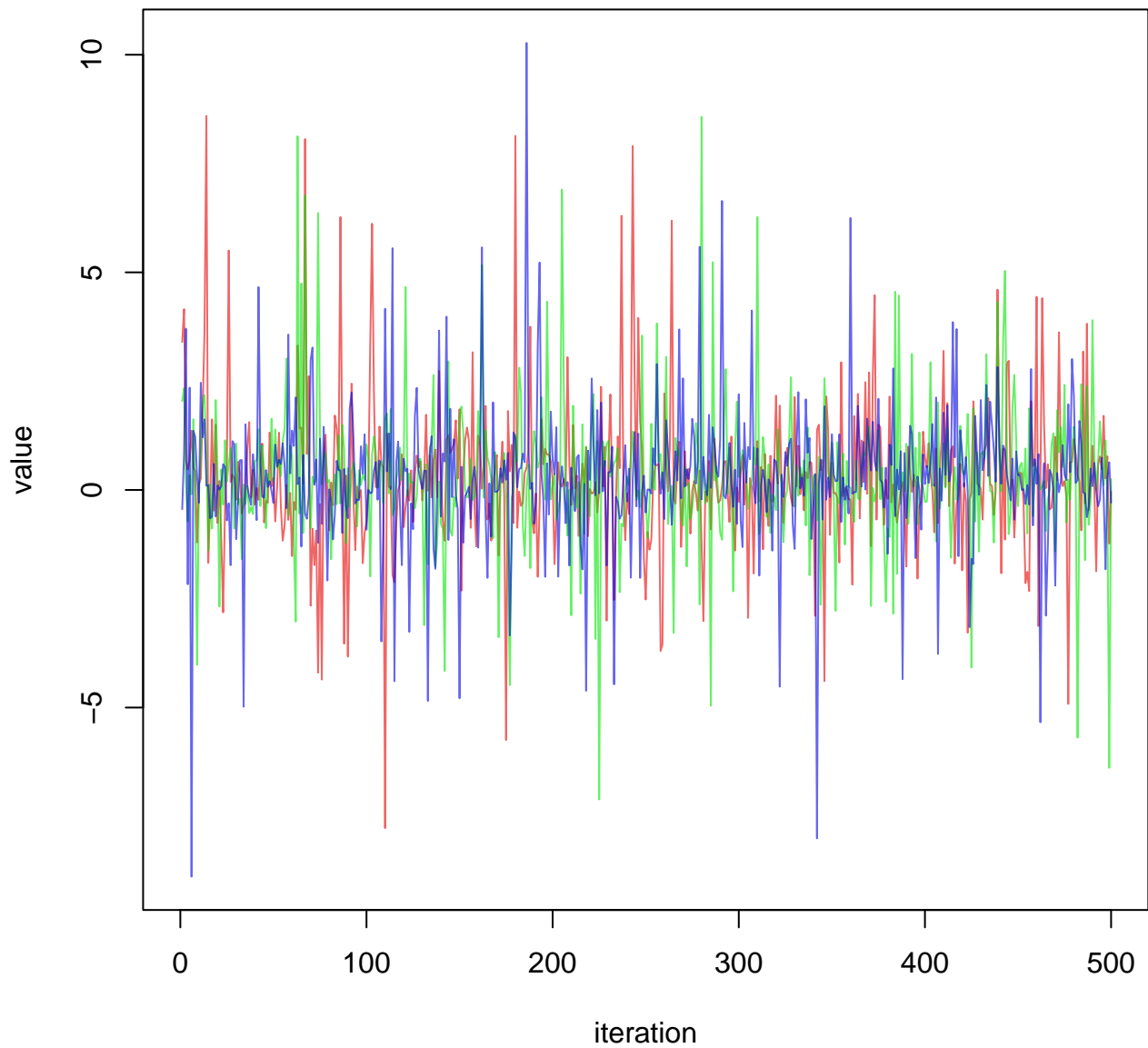
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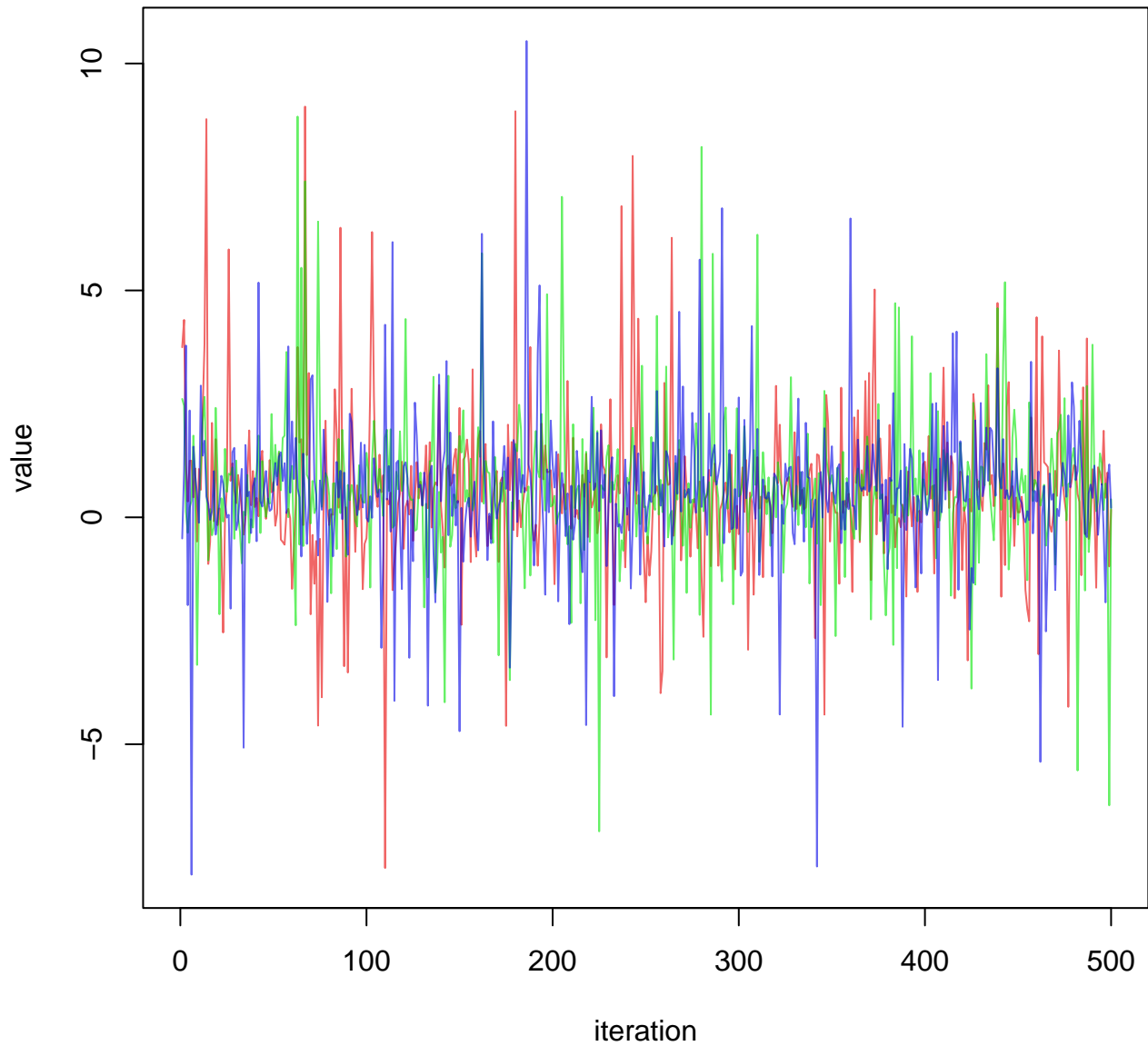
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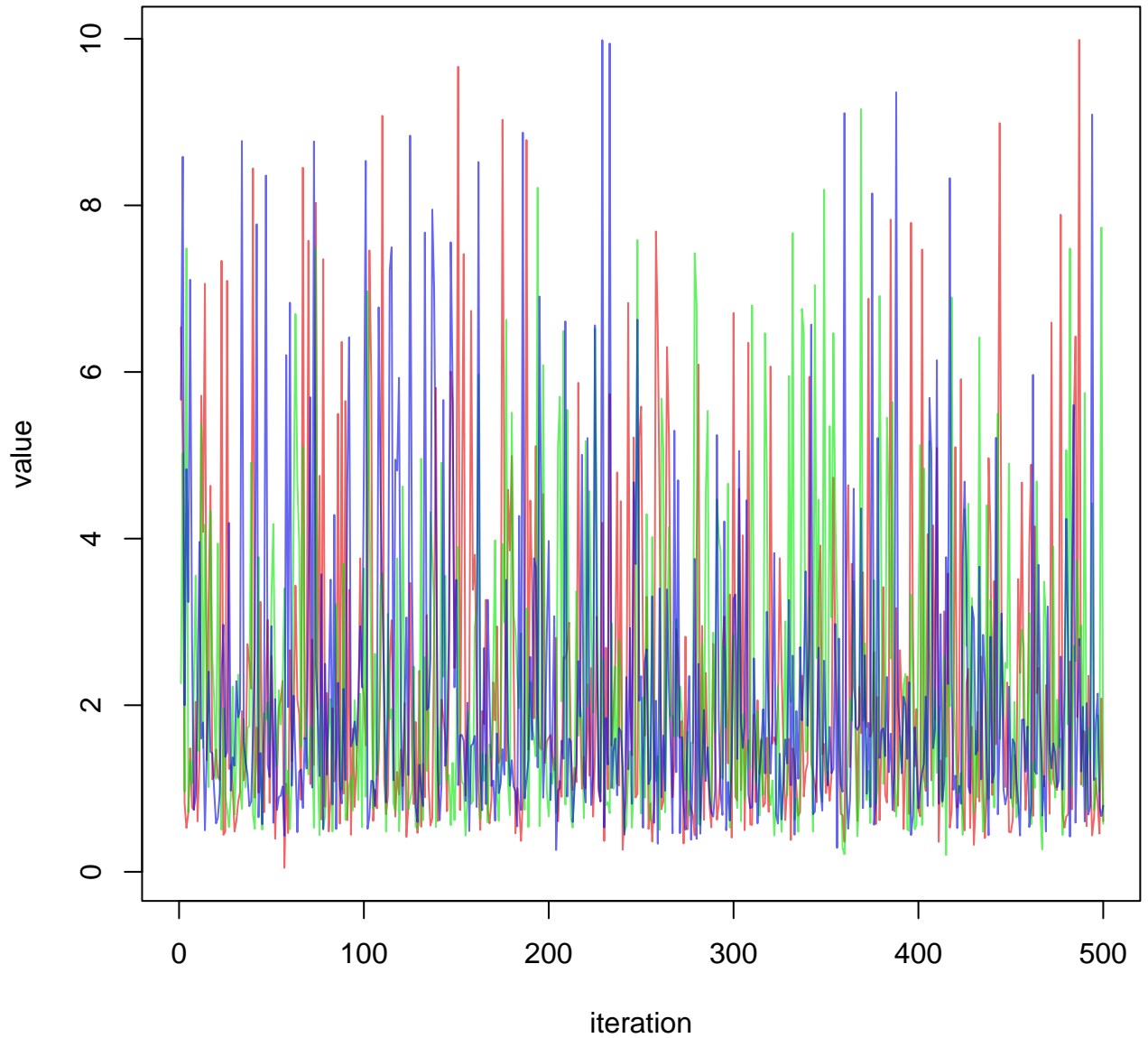
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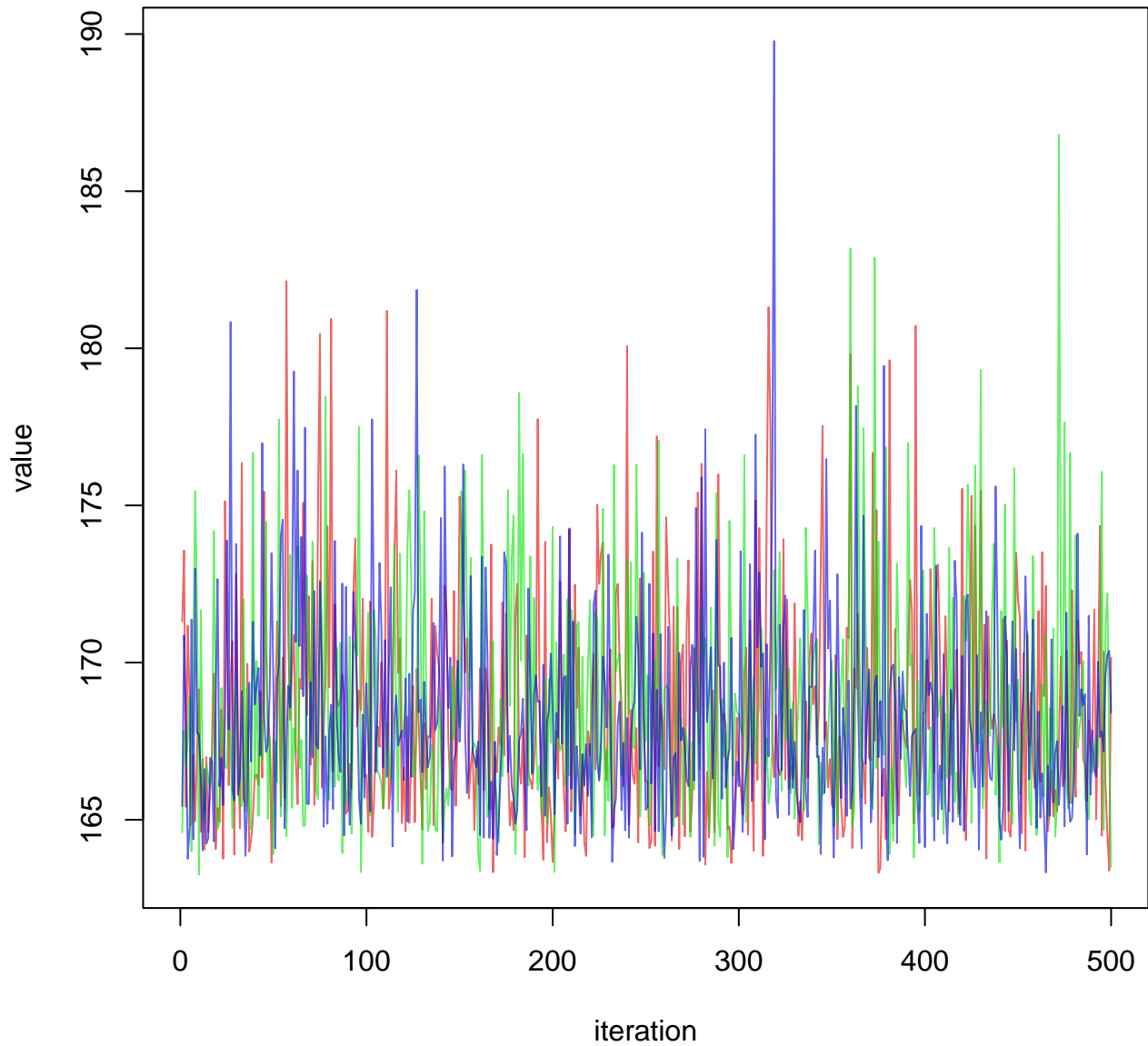
a[3]

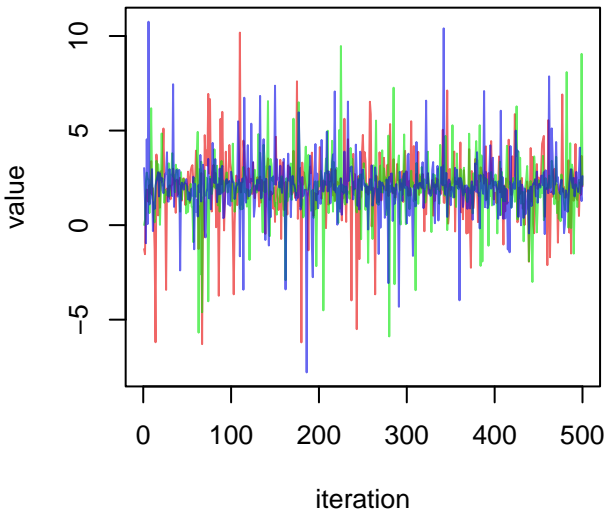
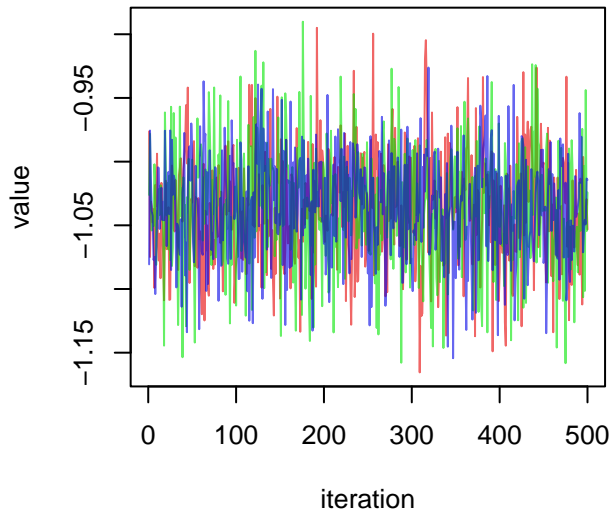
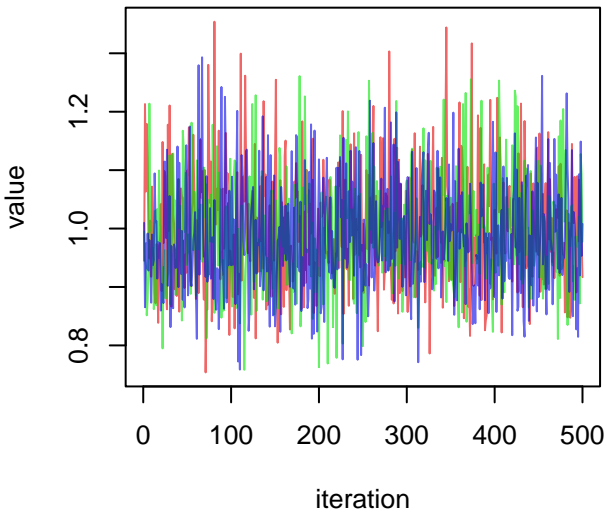
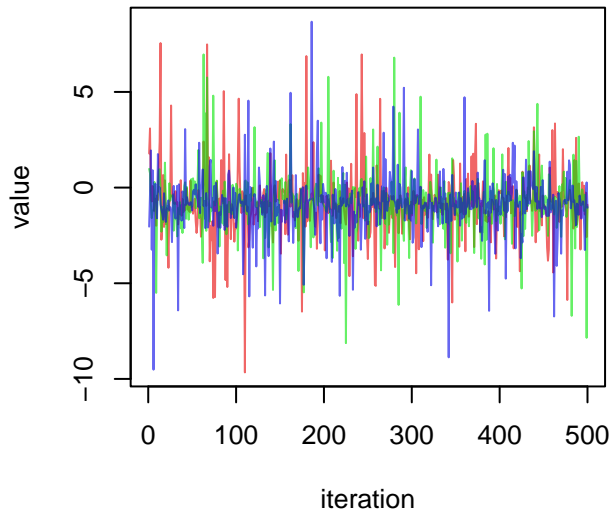


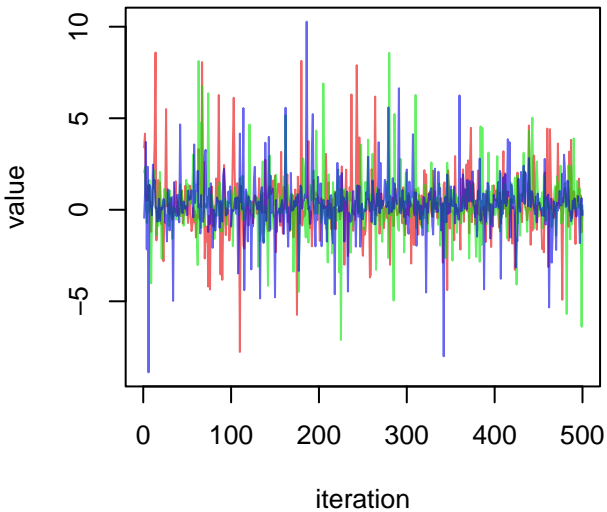
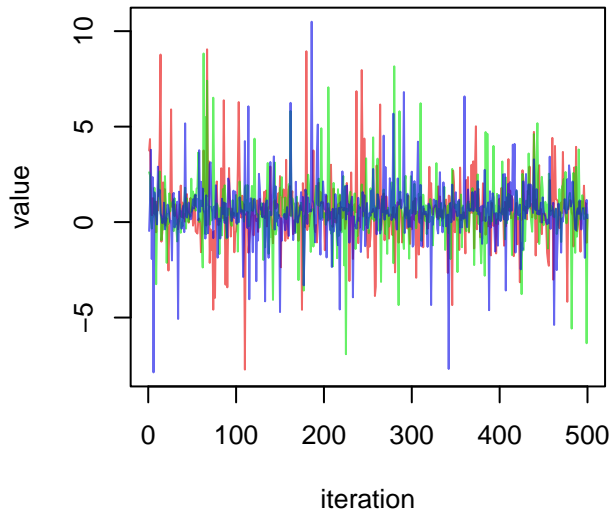
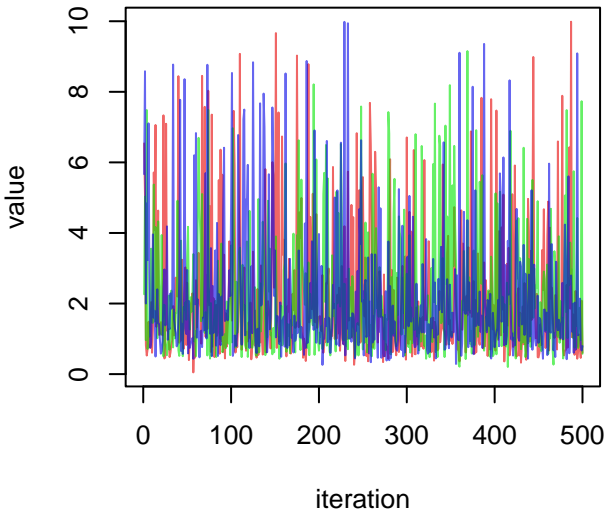
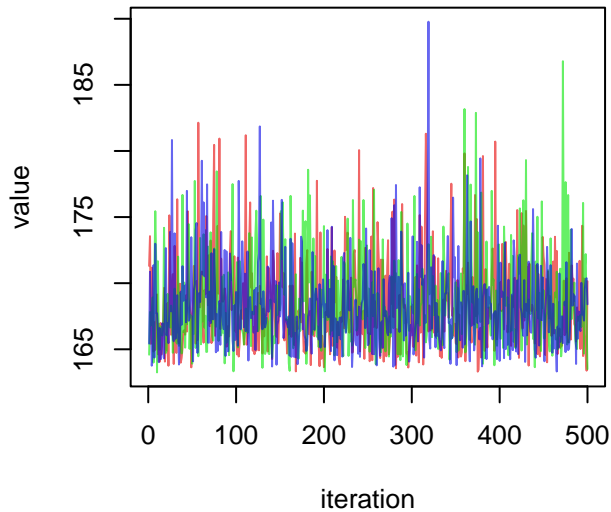
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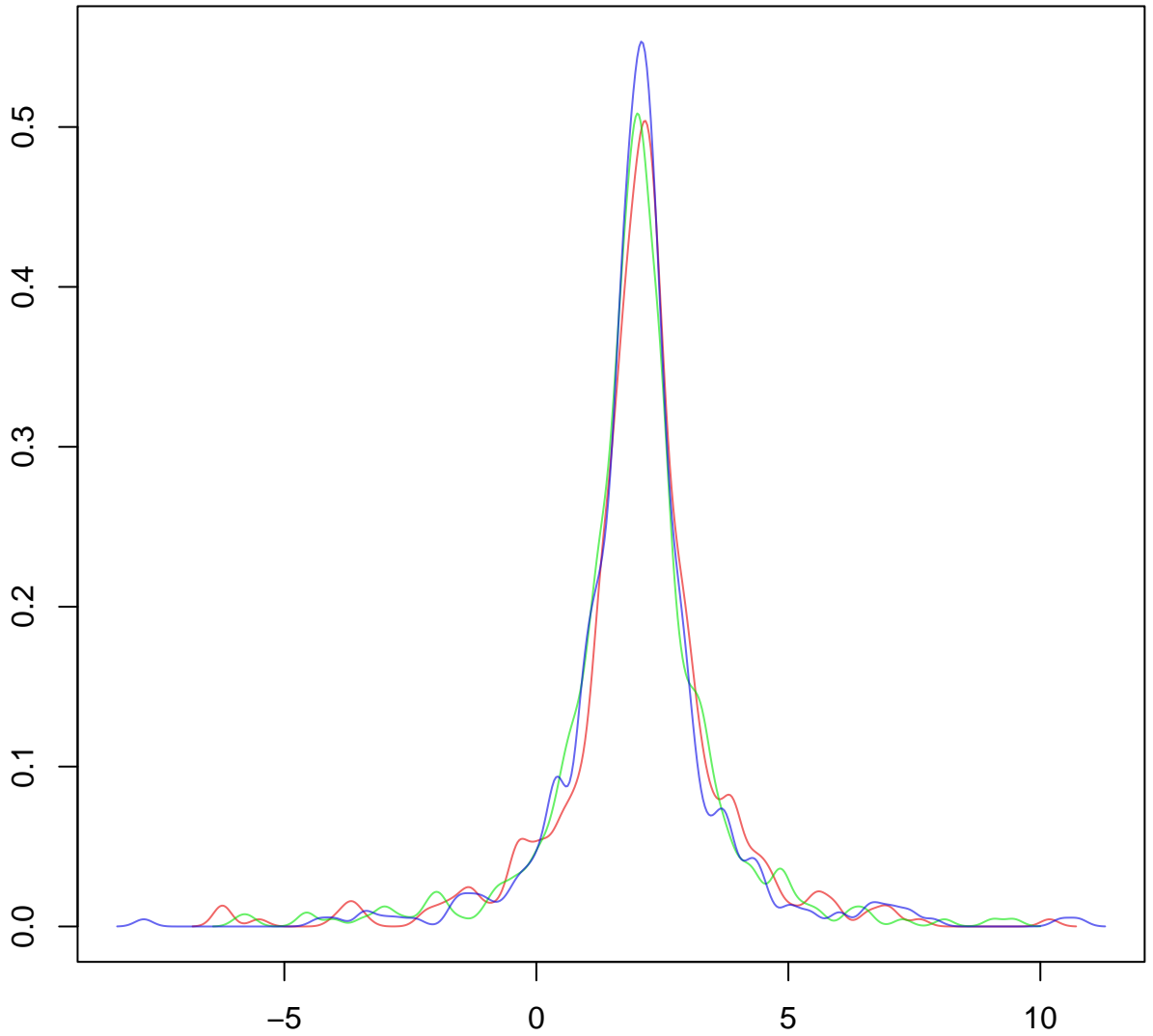
deviance



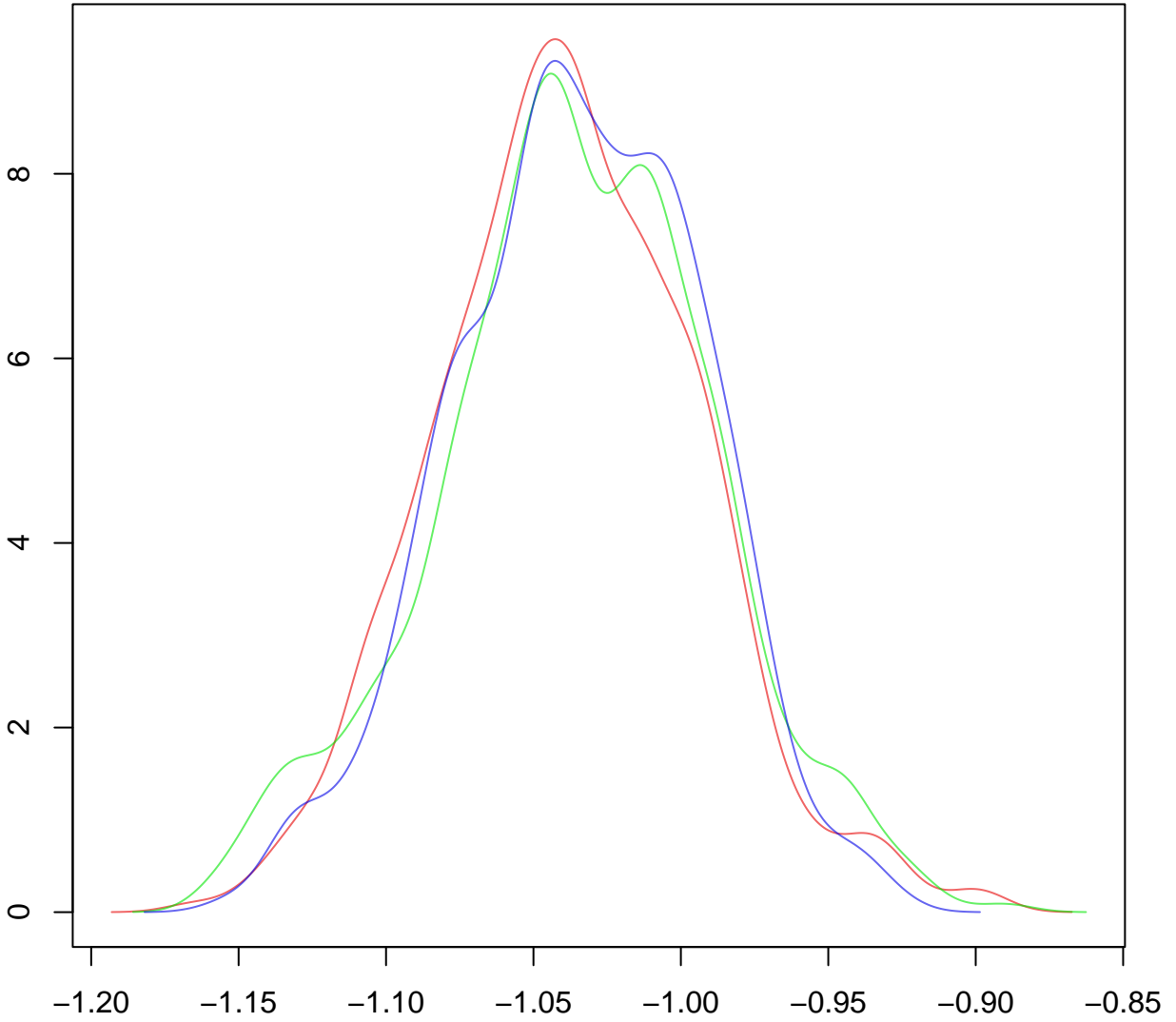
b0**b1****sig****a[1]**

a[2]**a[3]****sig_a****deviance**

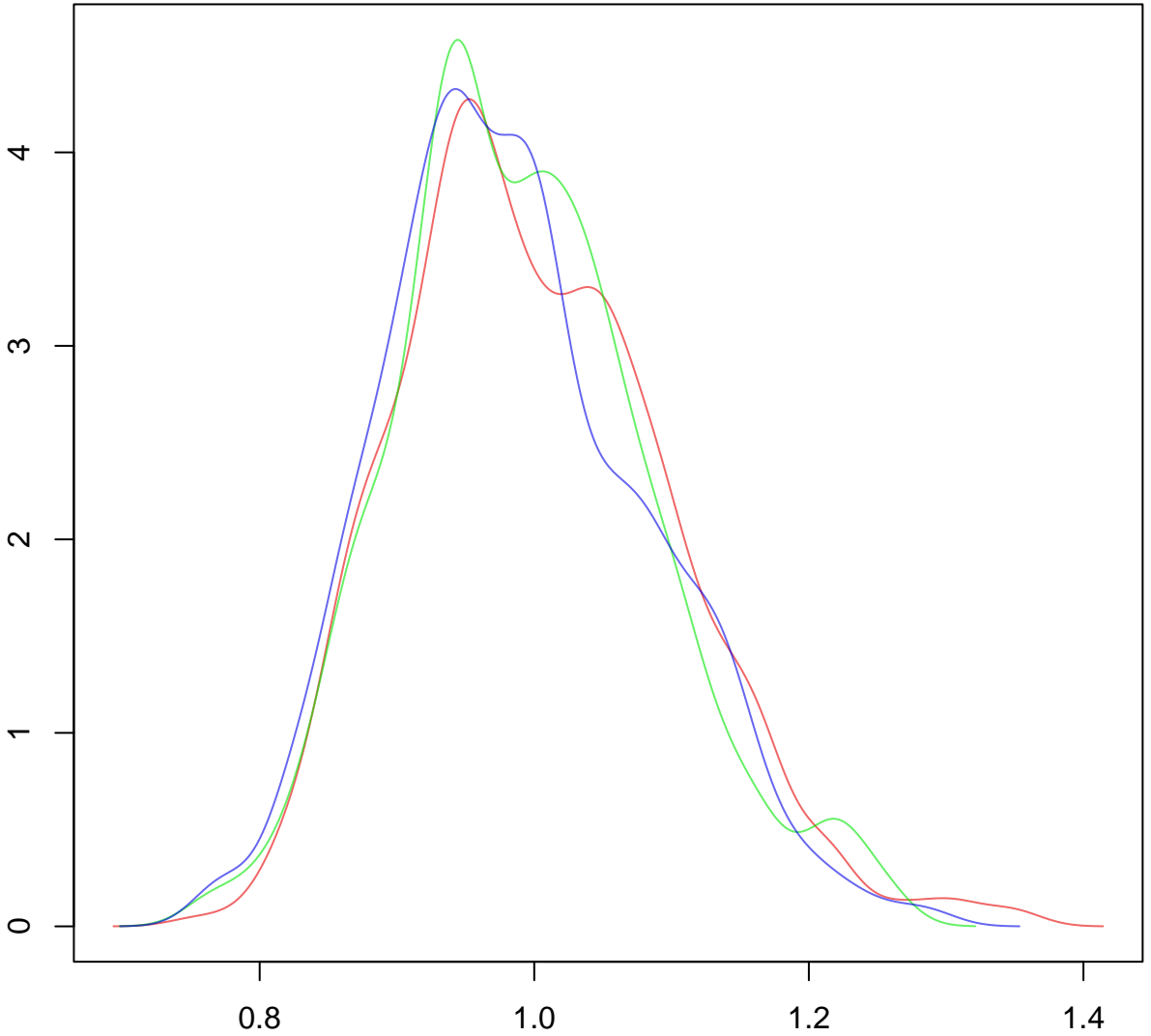
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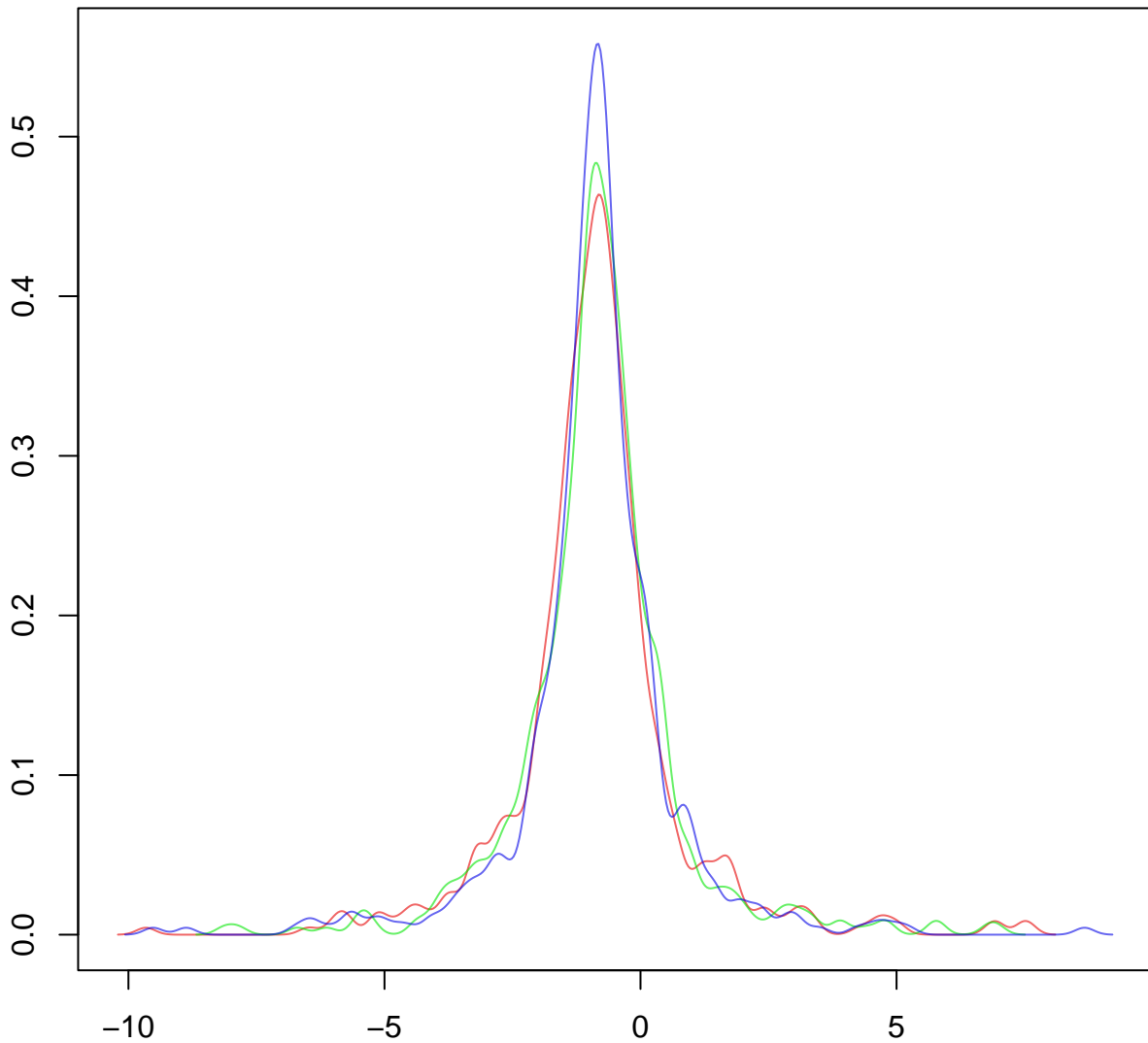
b1



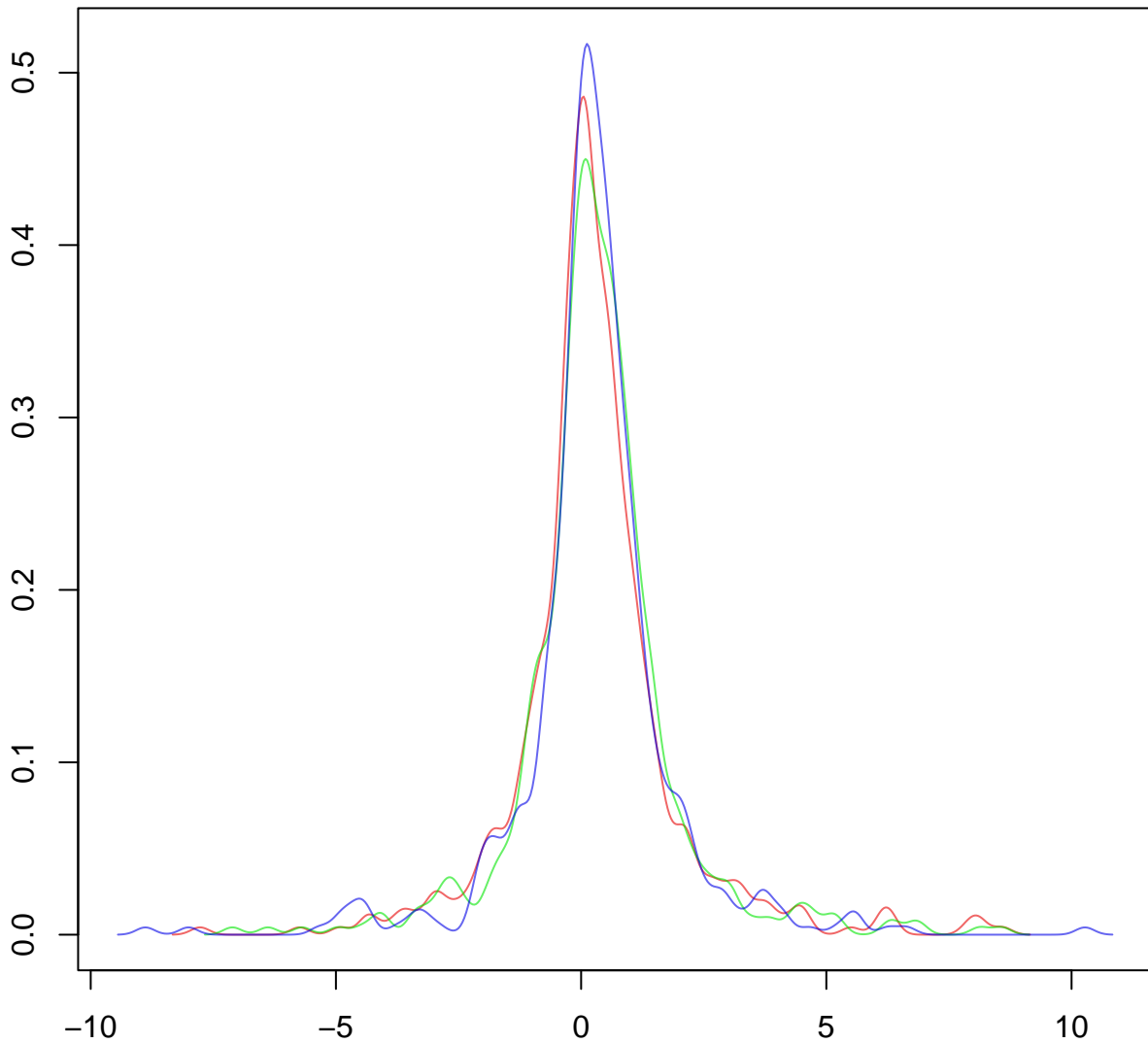
sig



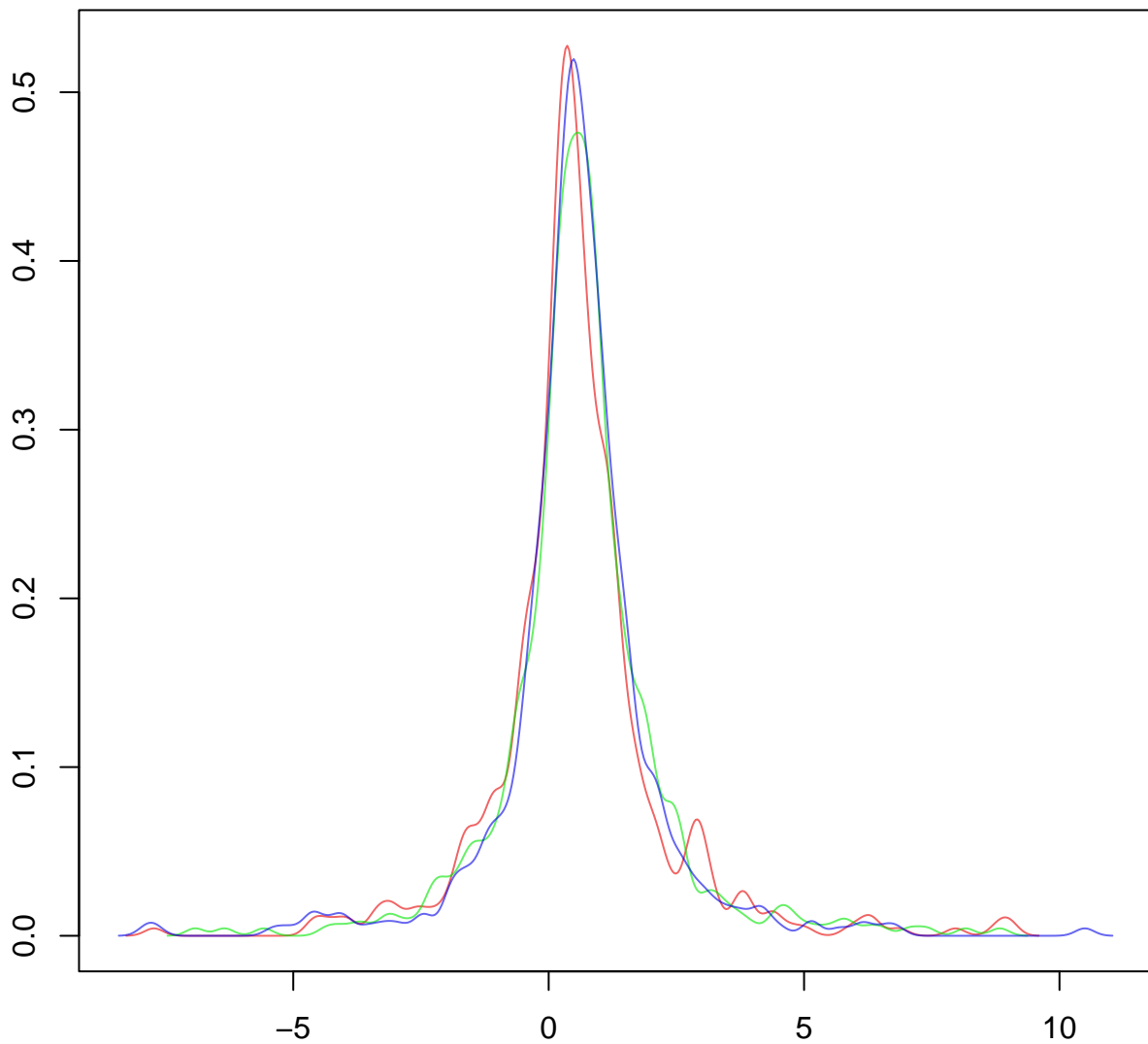
a[1]



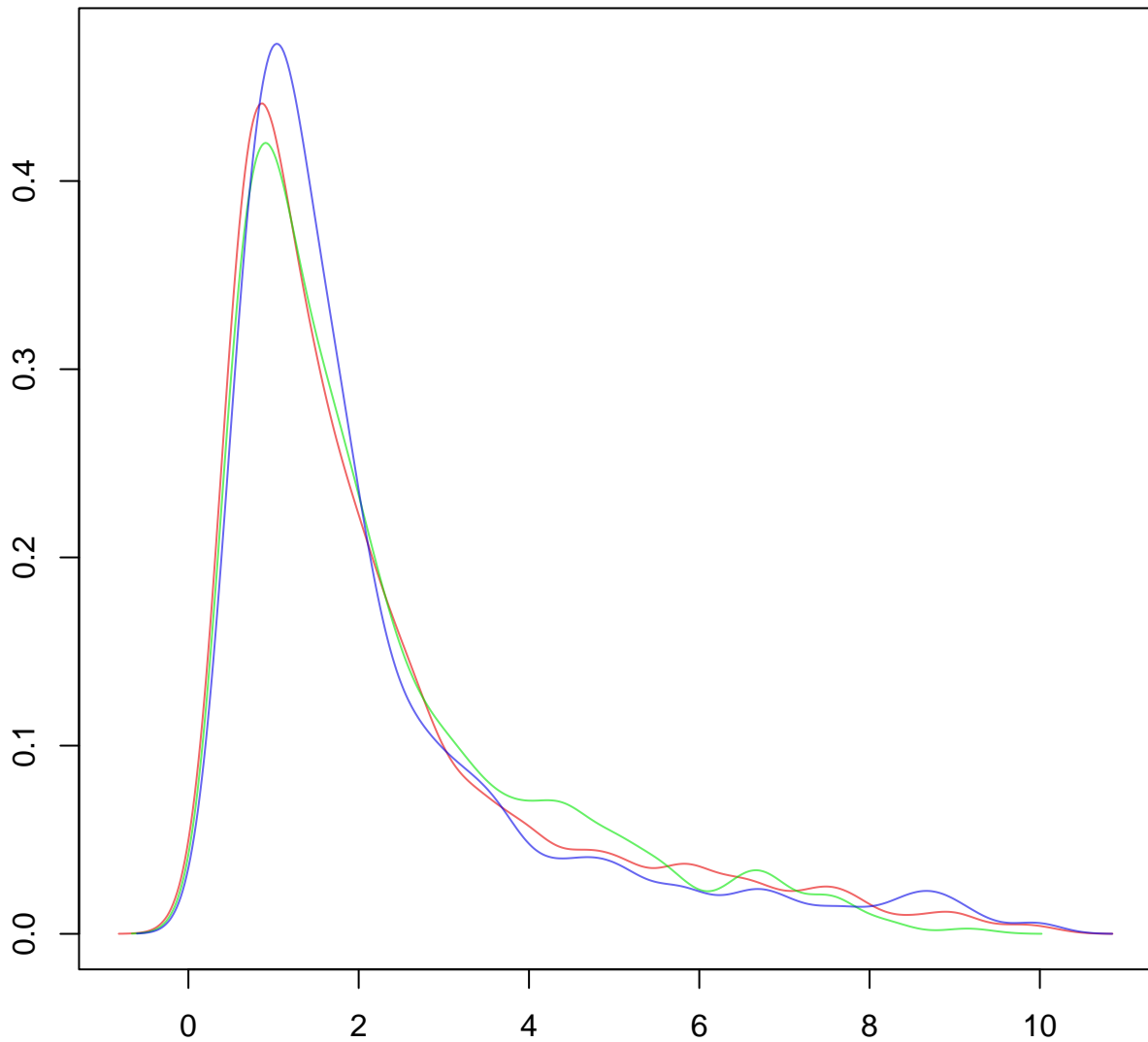
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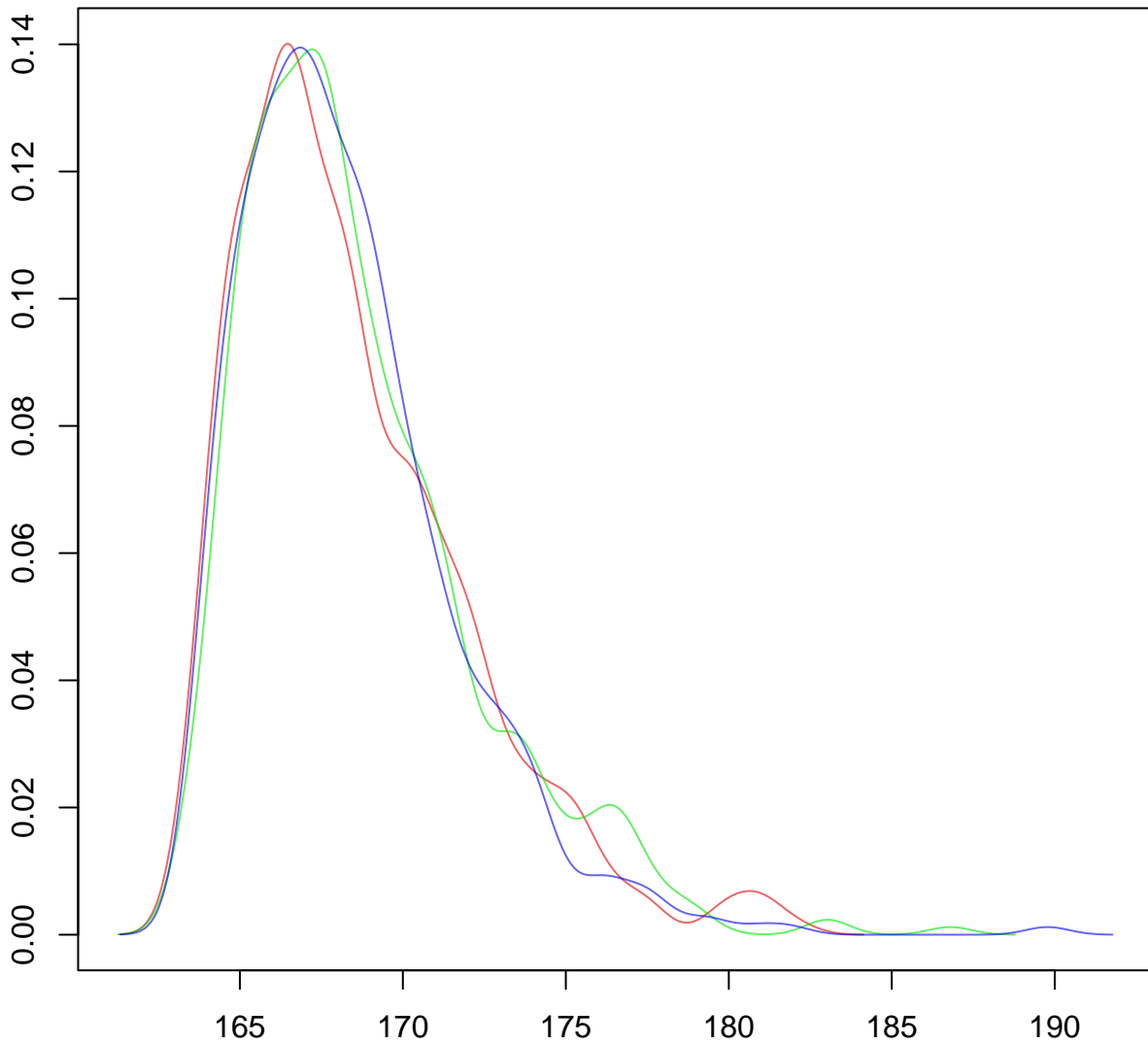
a[3]



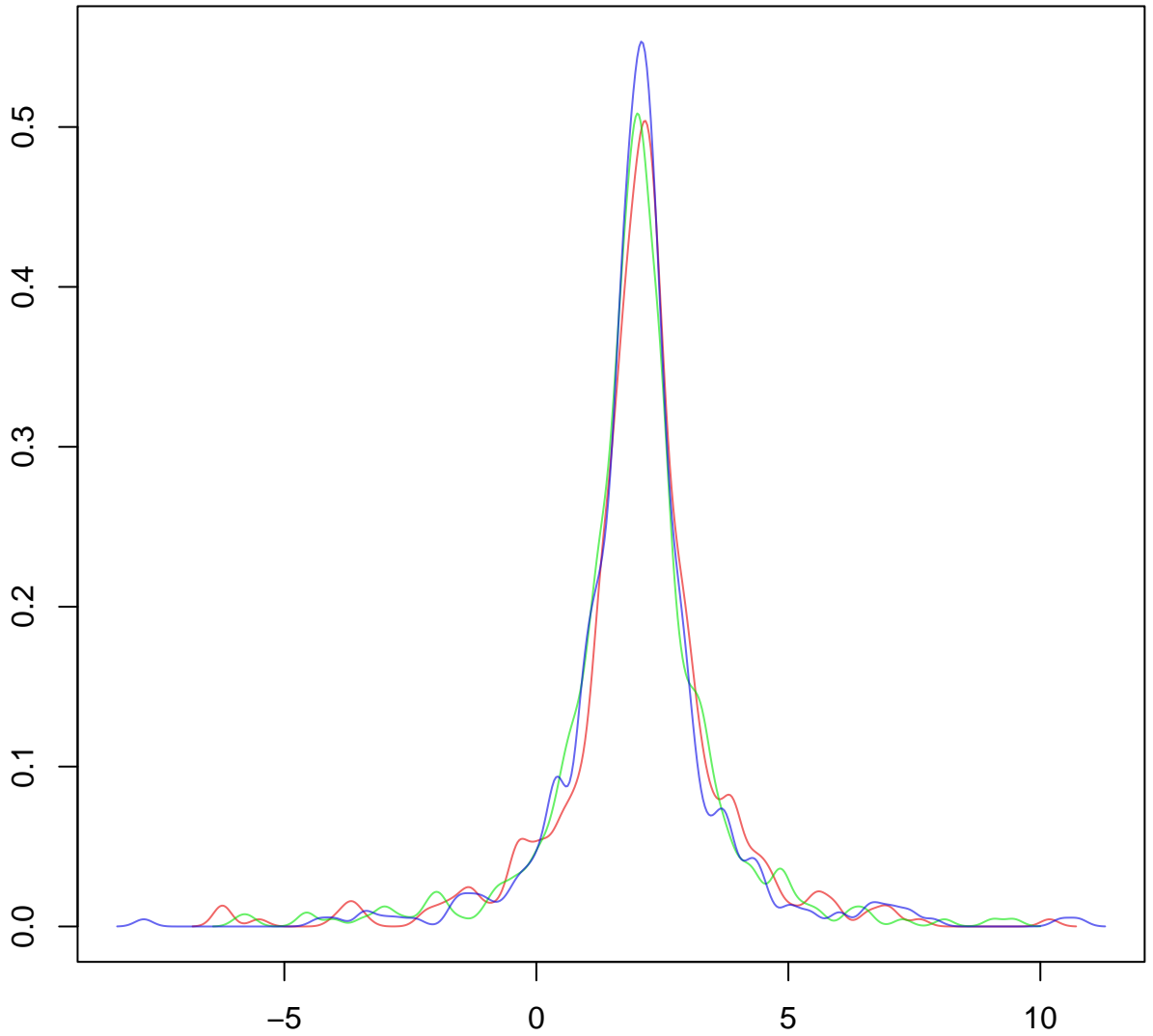
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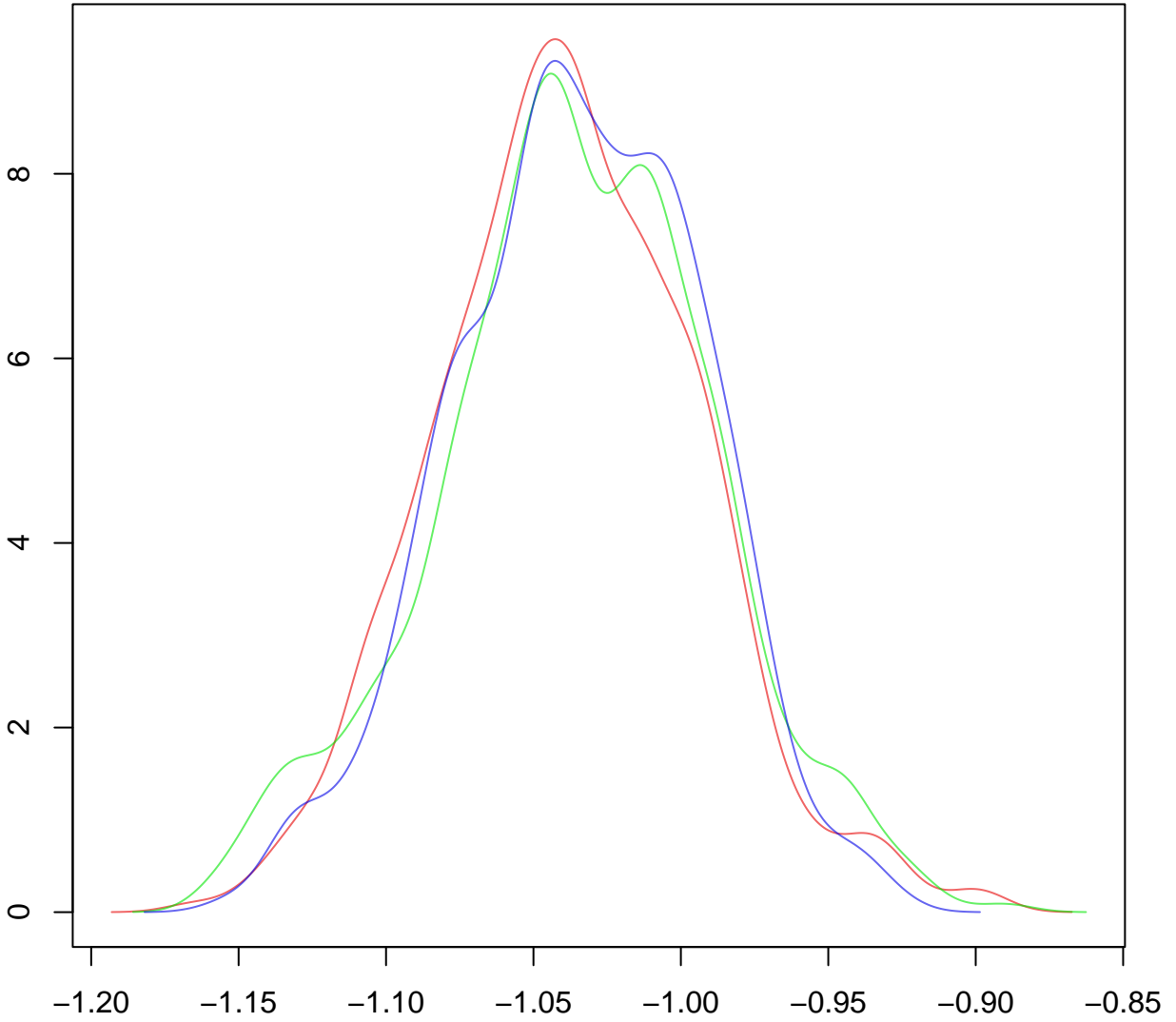
deviance



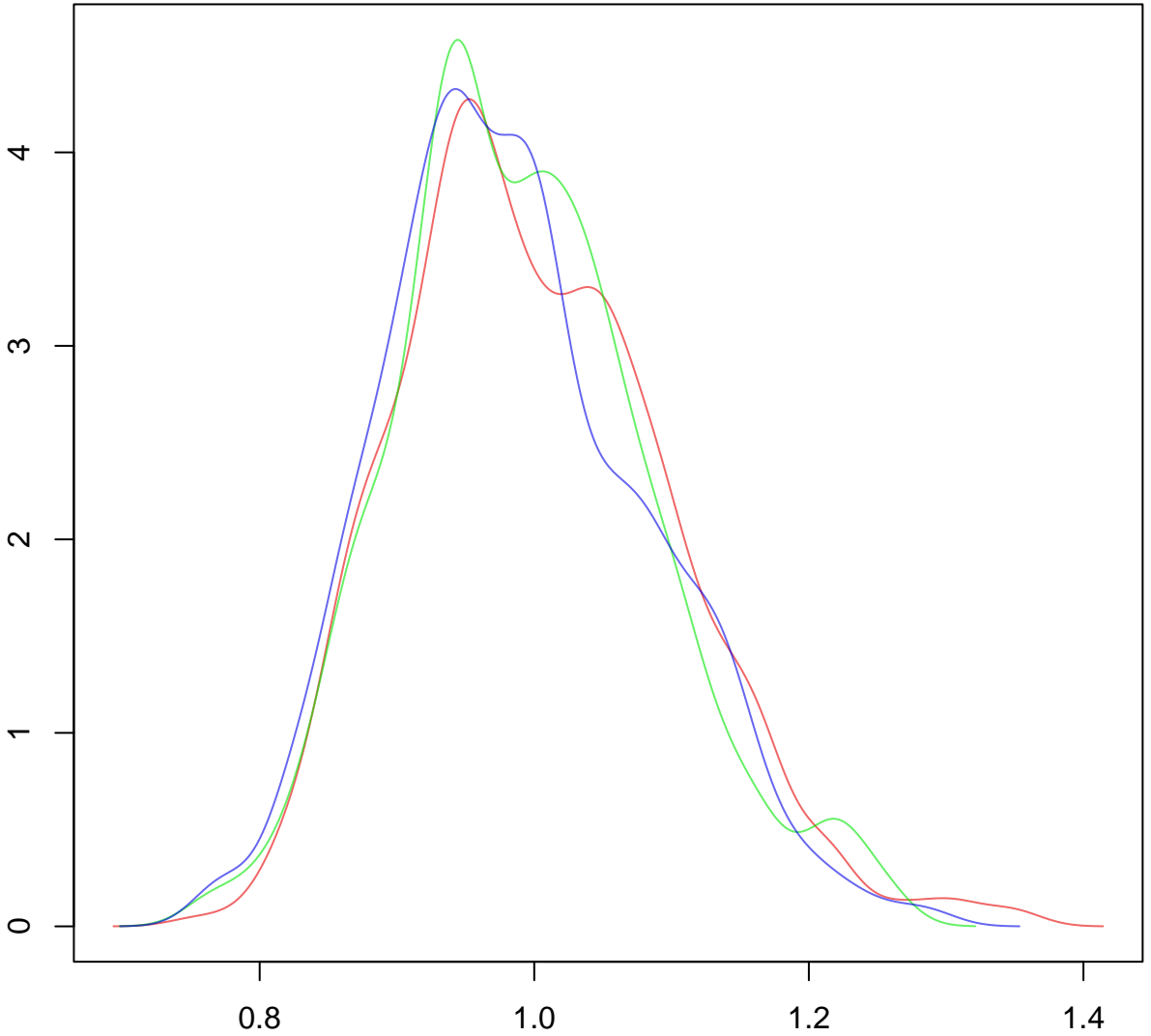
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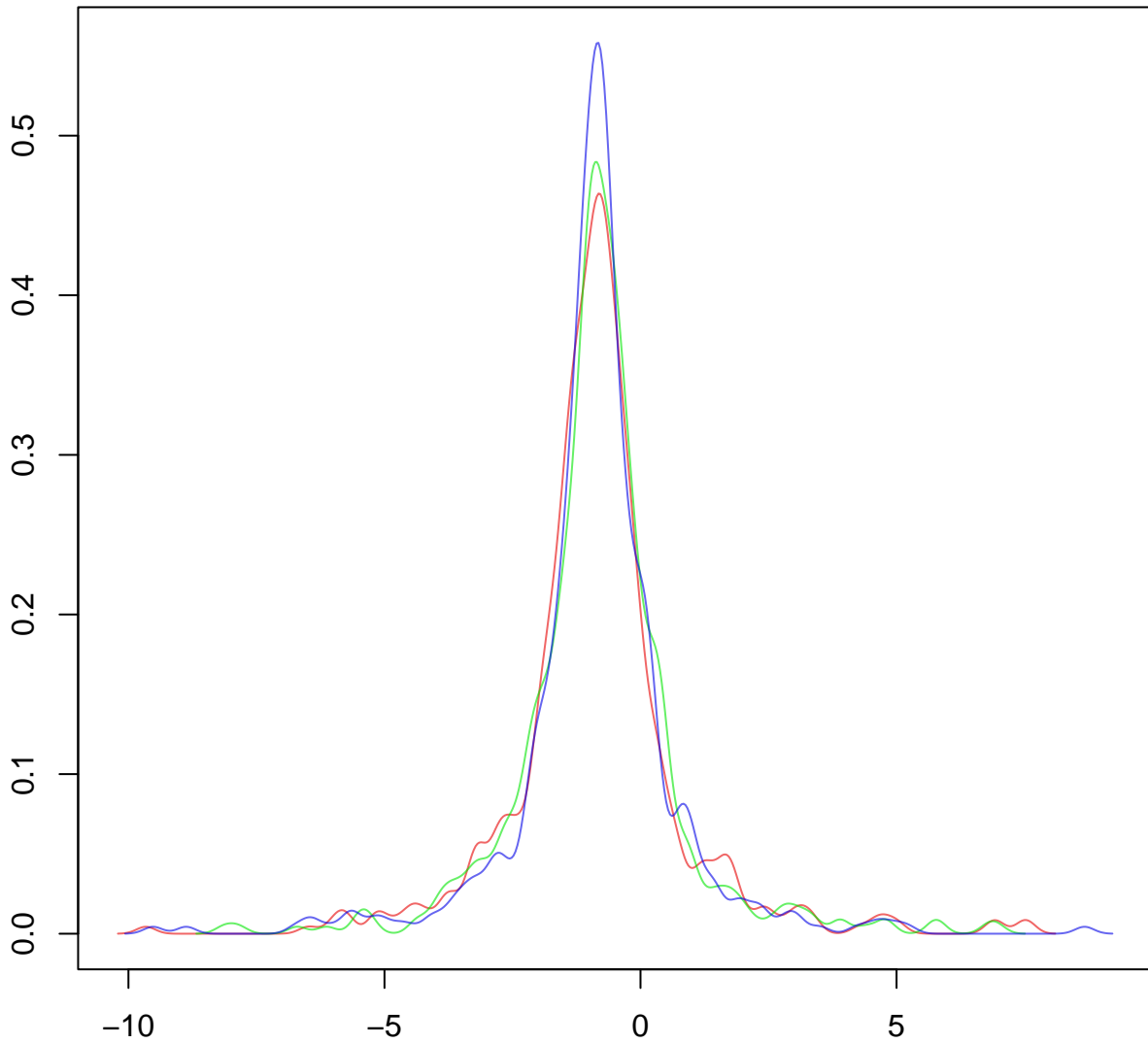
b1



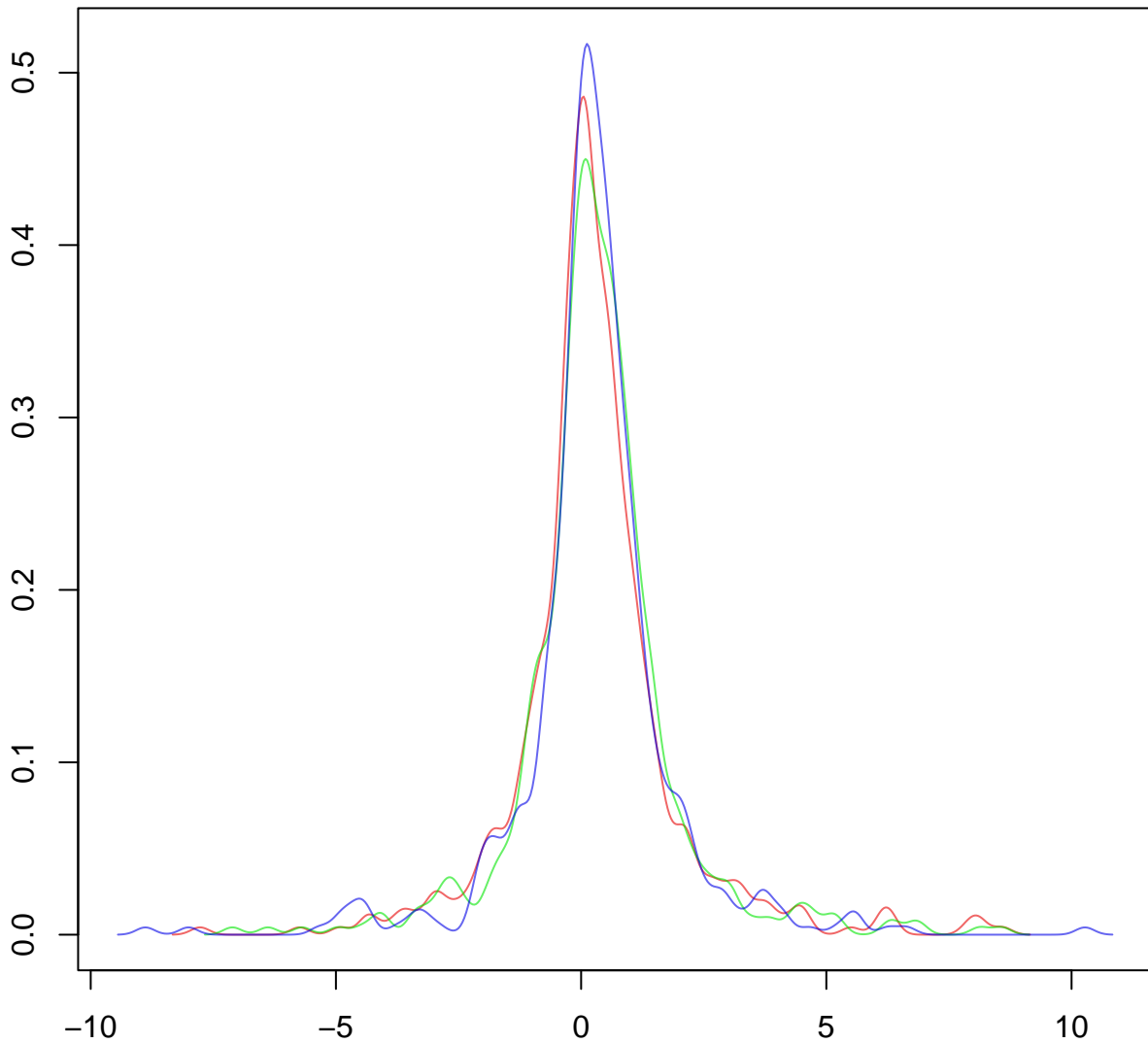
sig



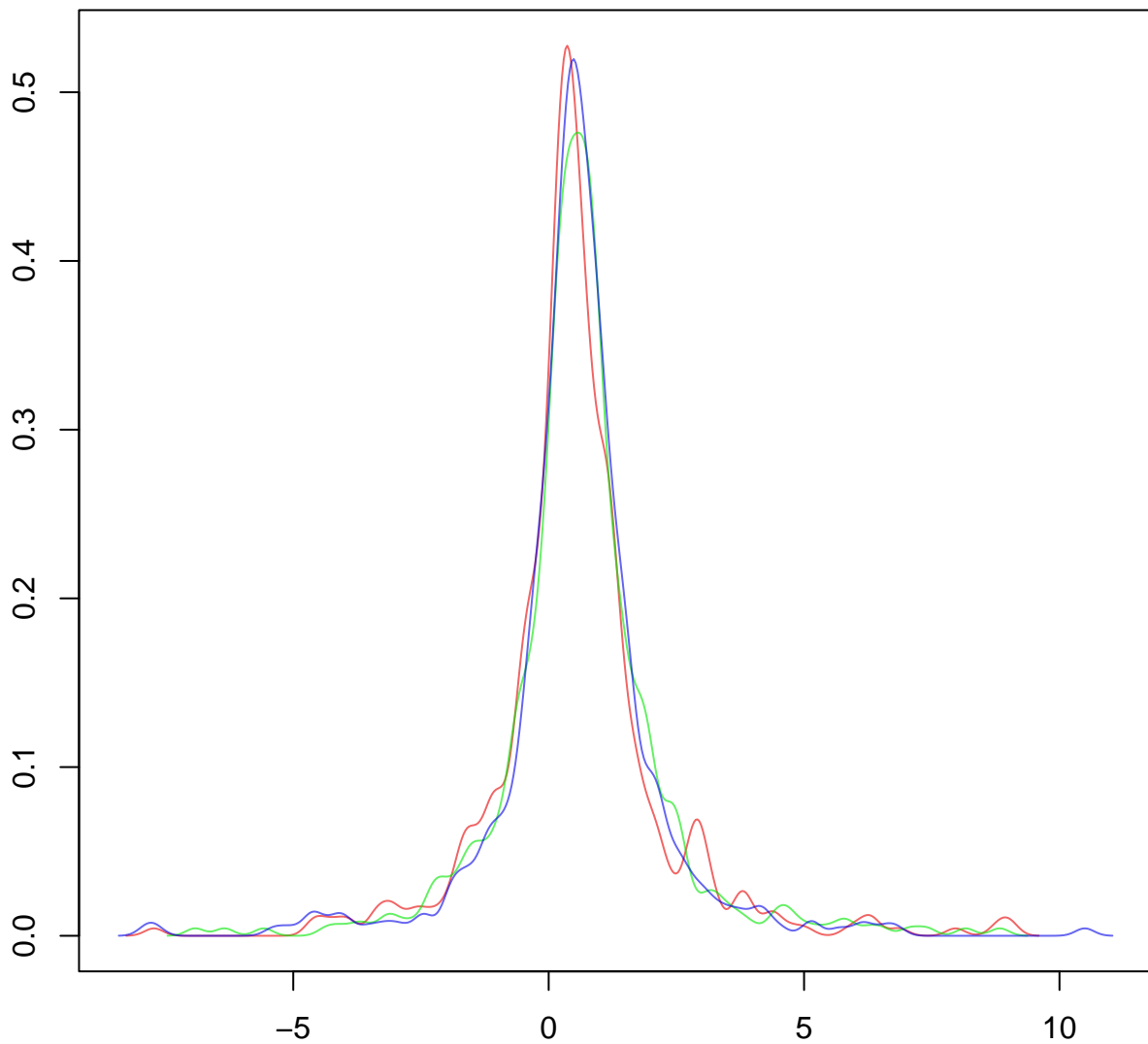
a[1]



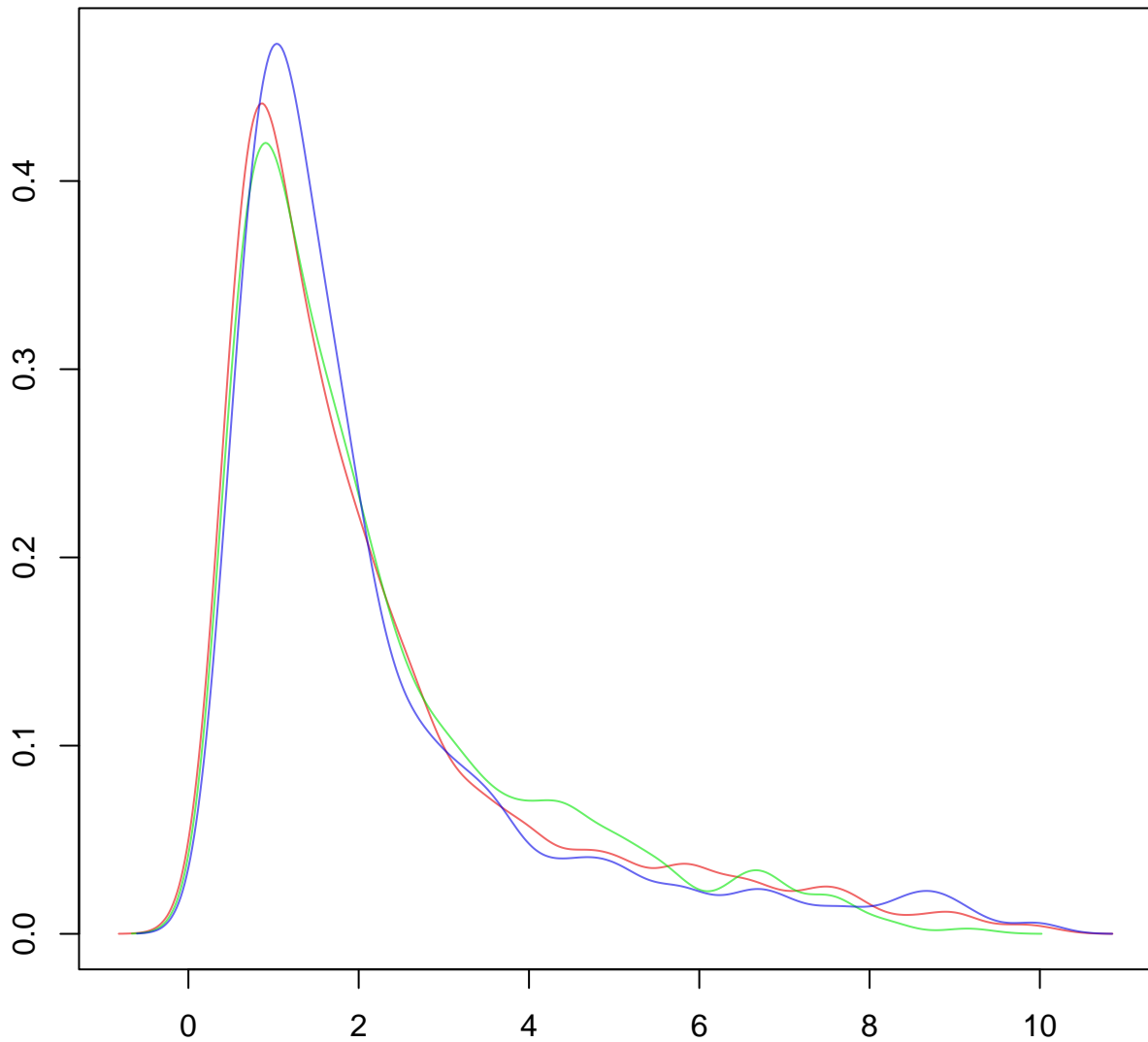
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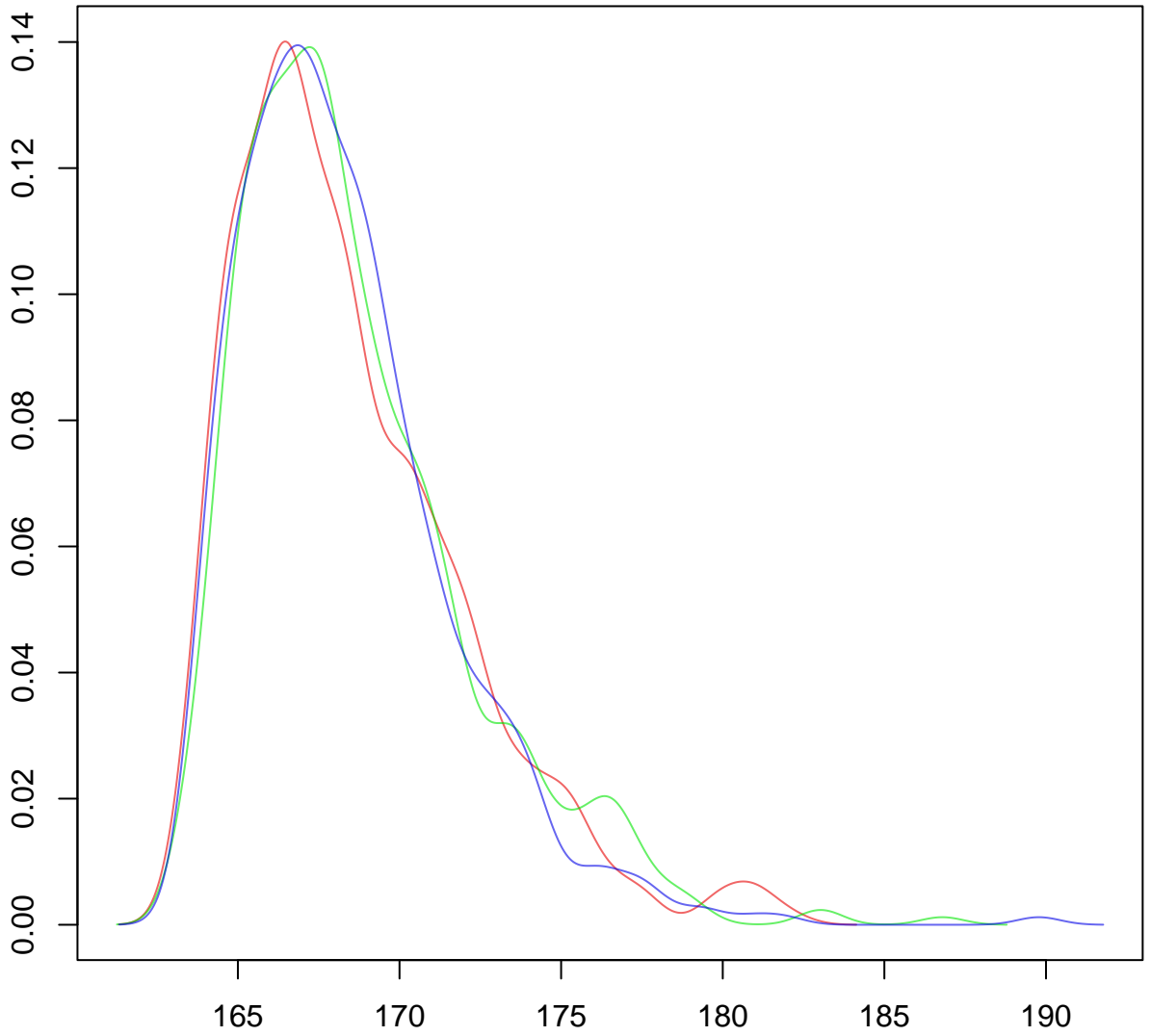
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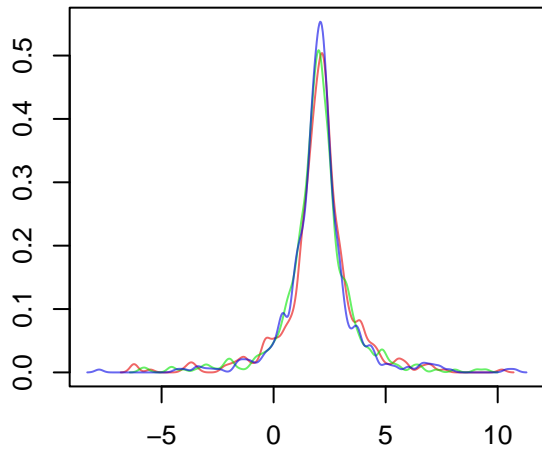
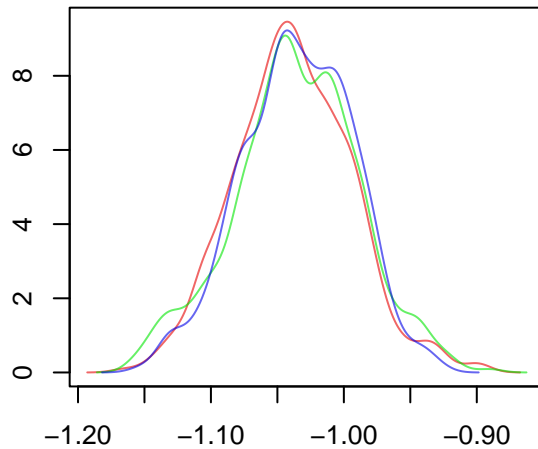
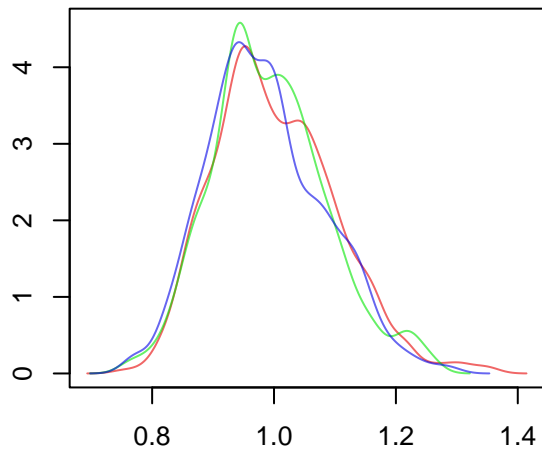
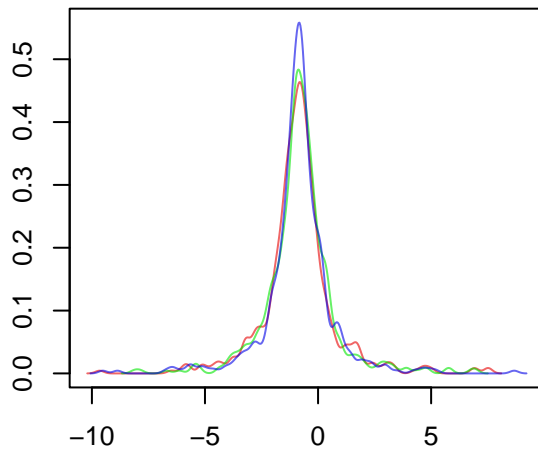


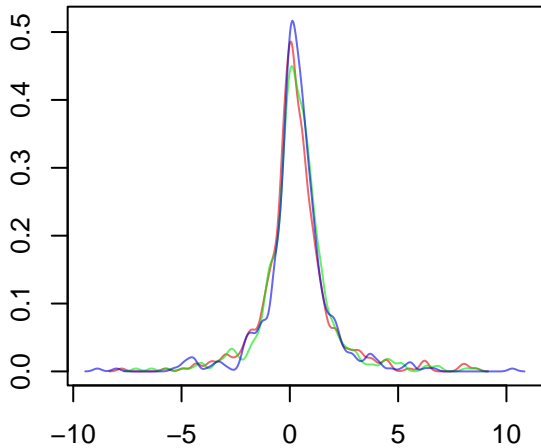
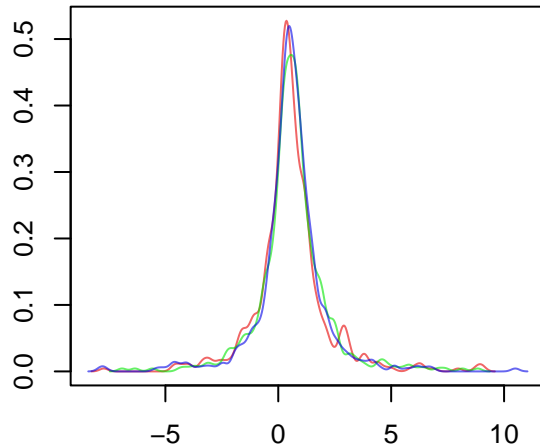
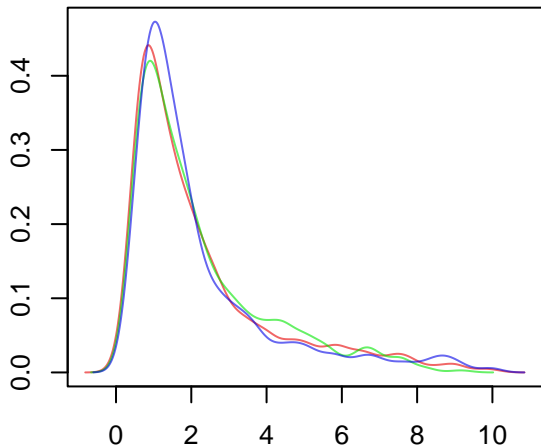
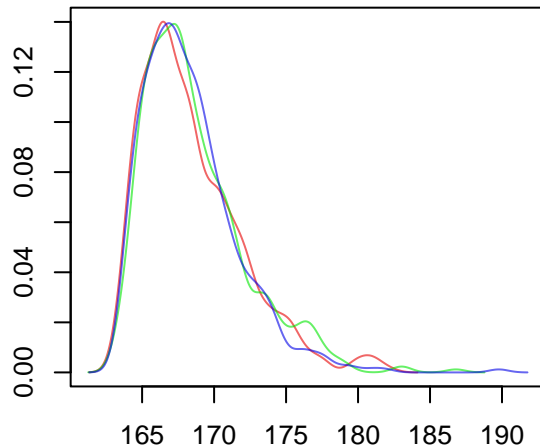
sig_a

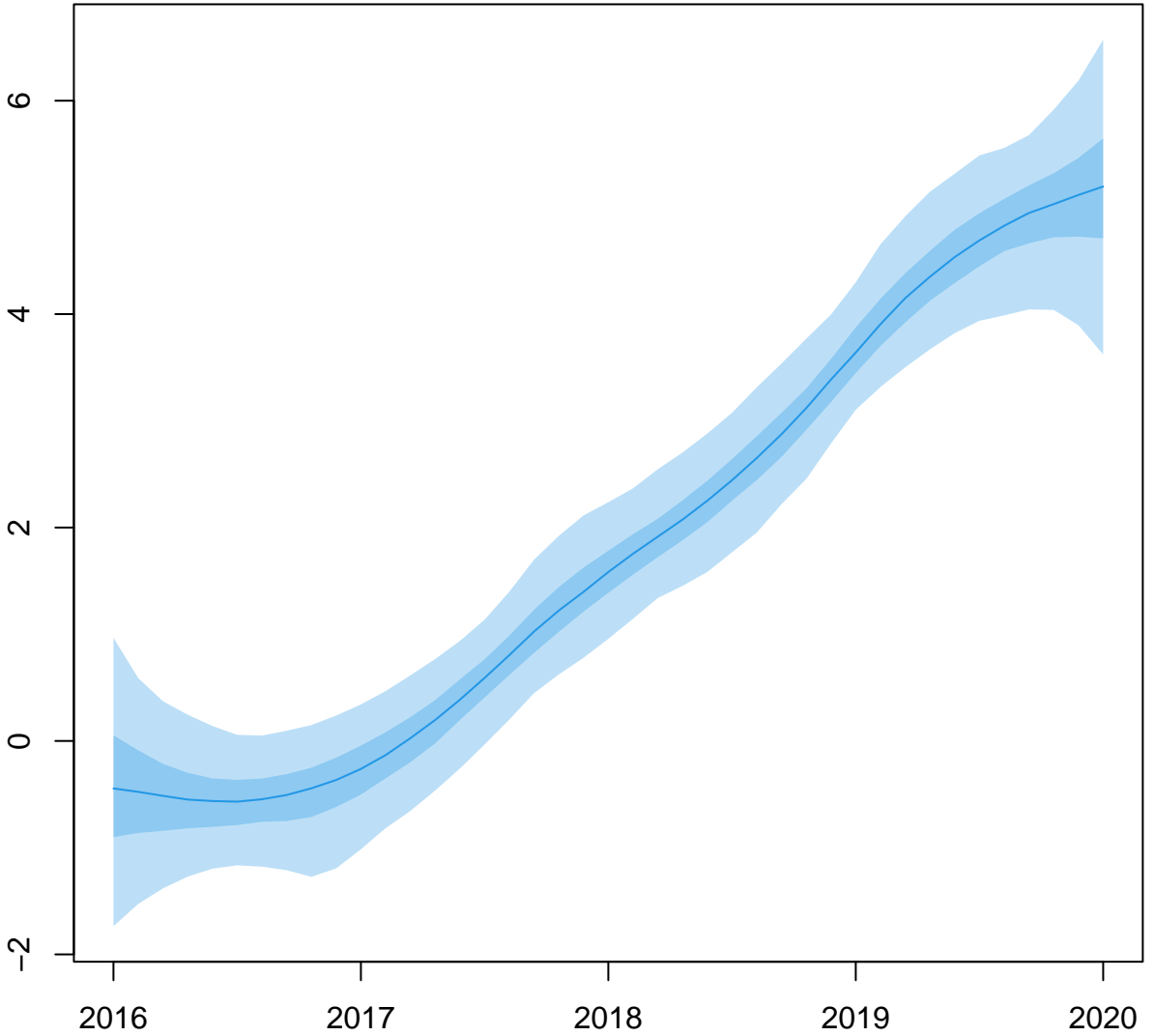


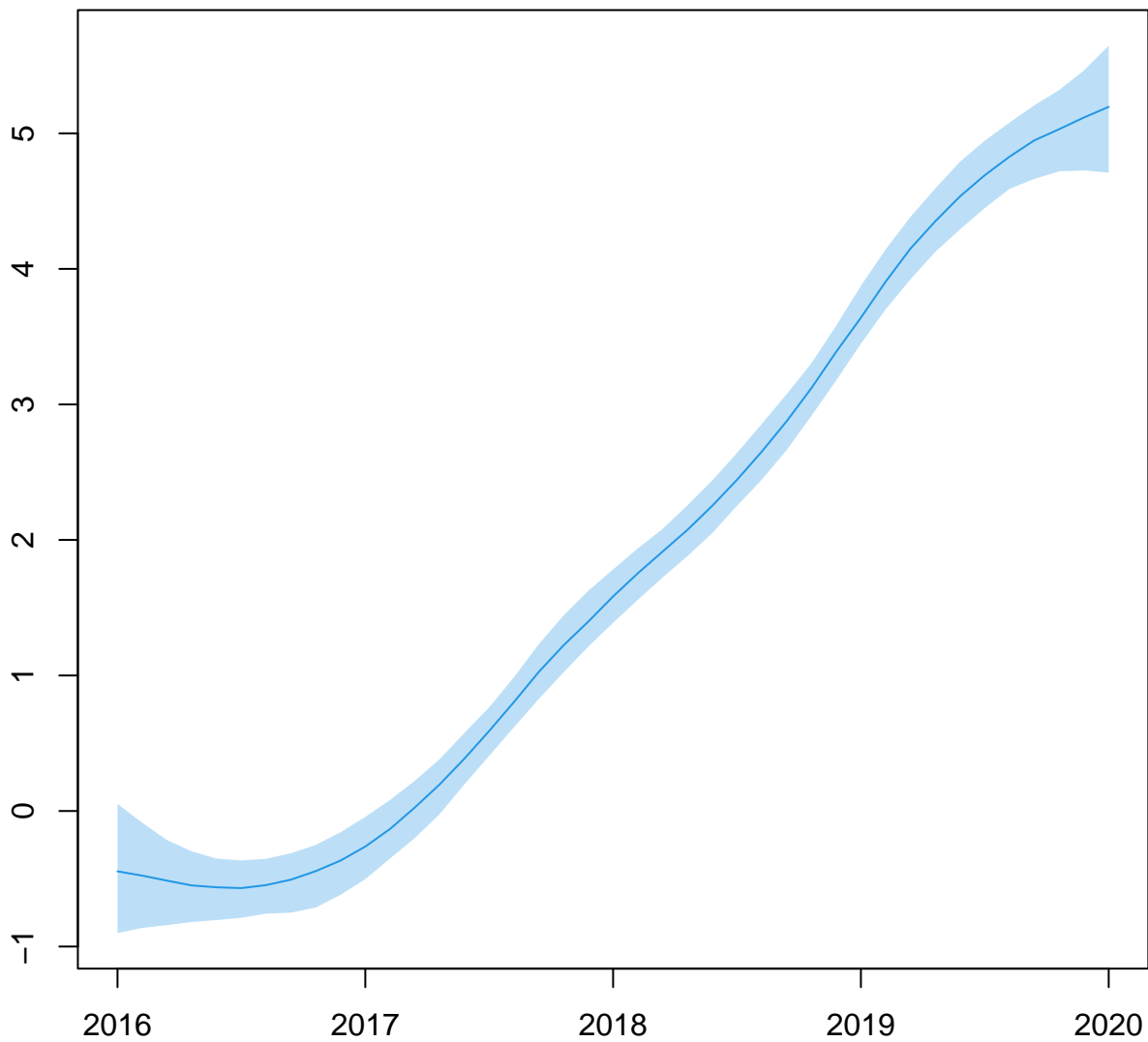
deviance

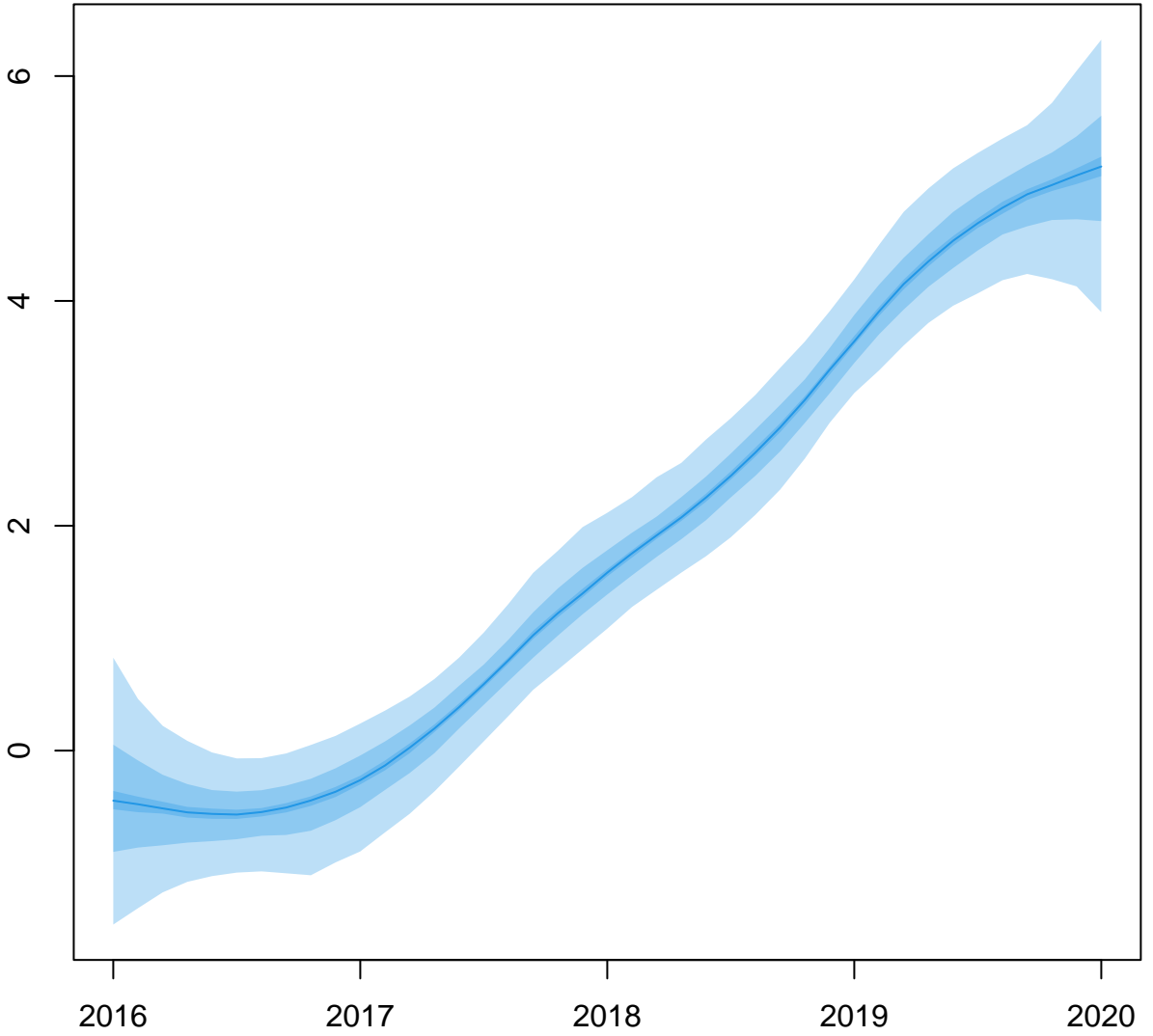


b0**b1****sig****a[1]**

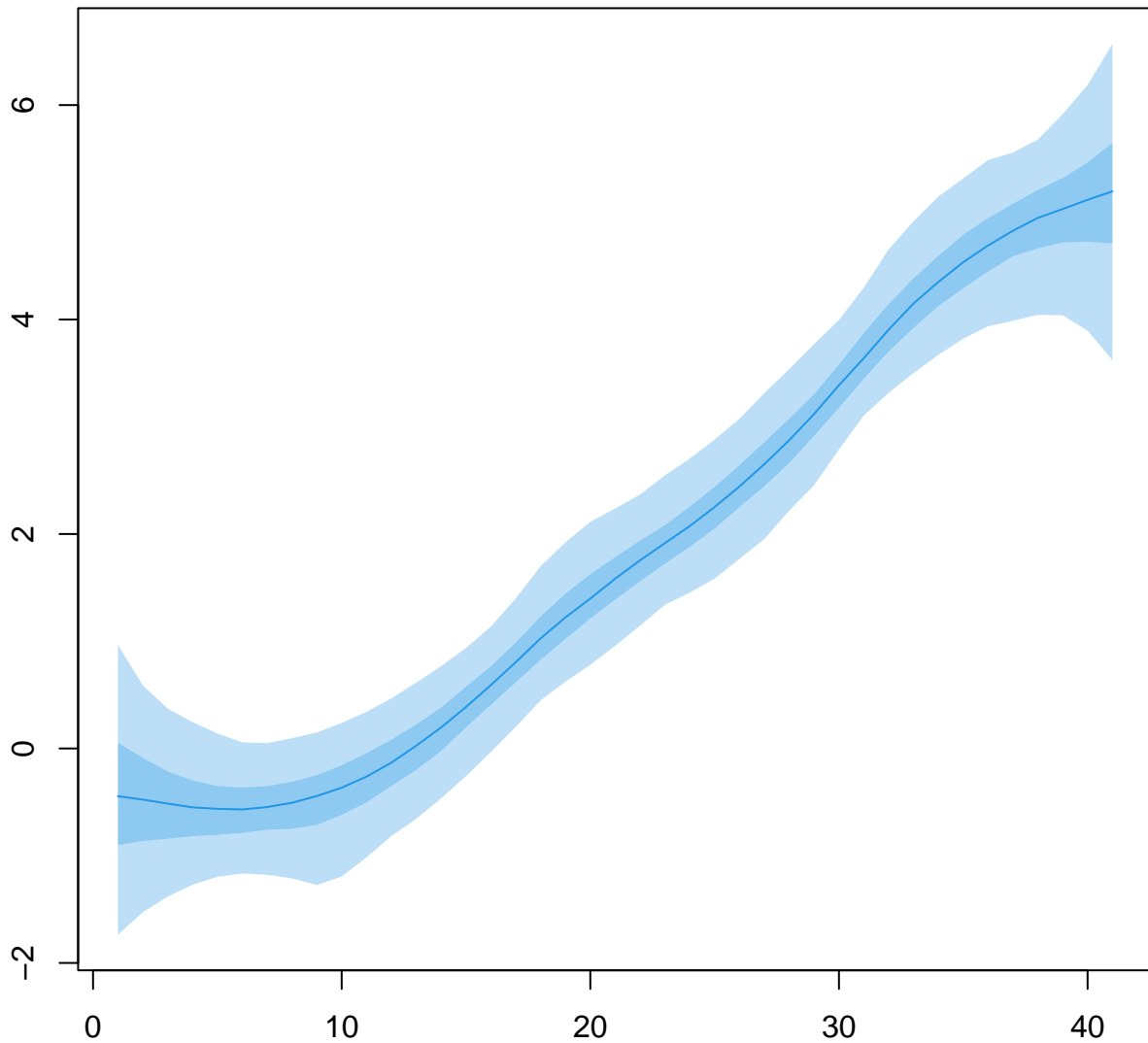
a[2]**a[3]****sig_a****deviance**



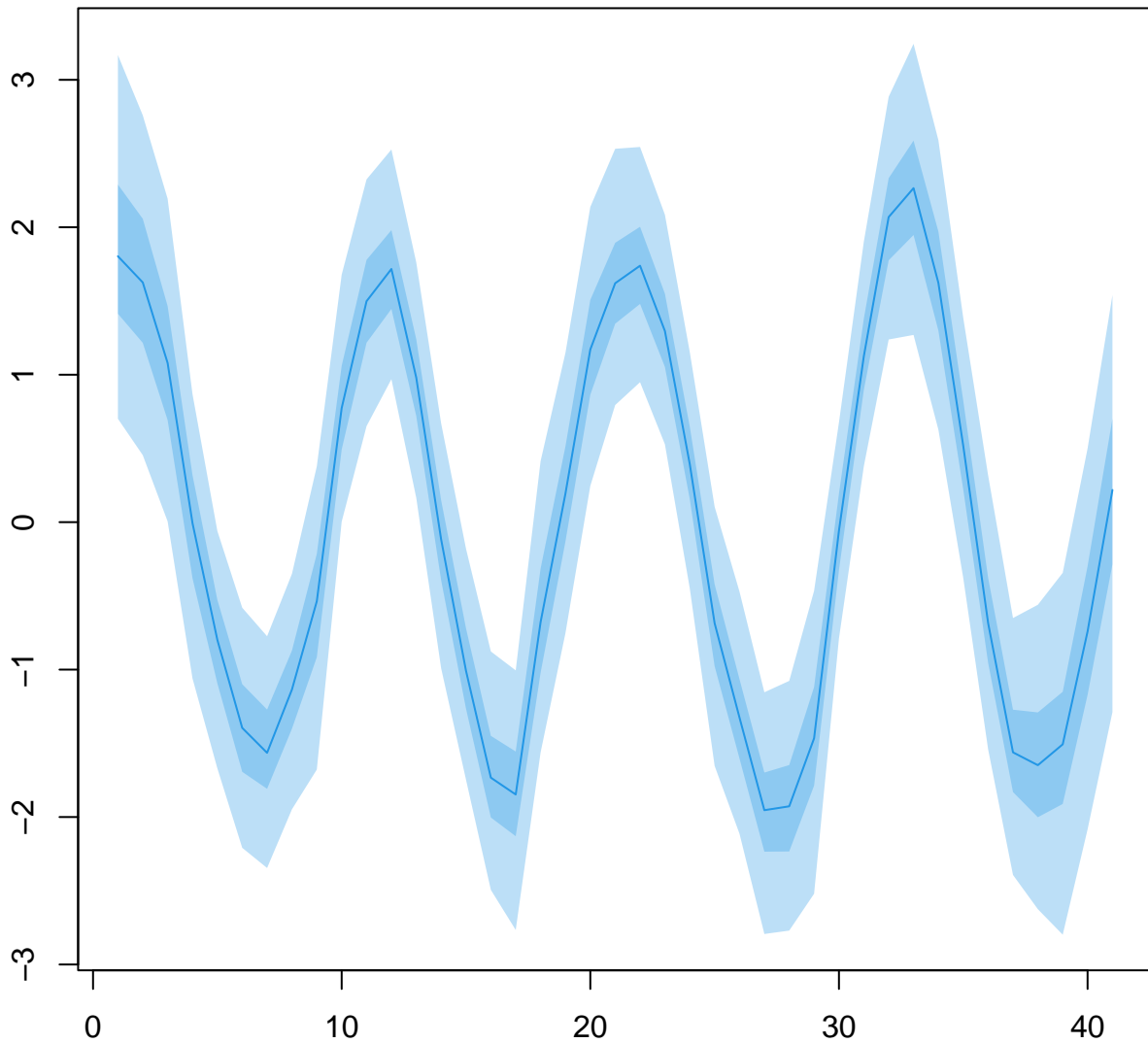




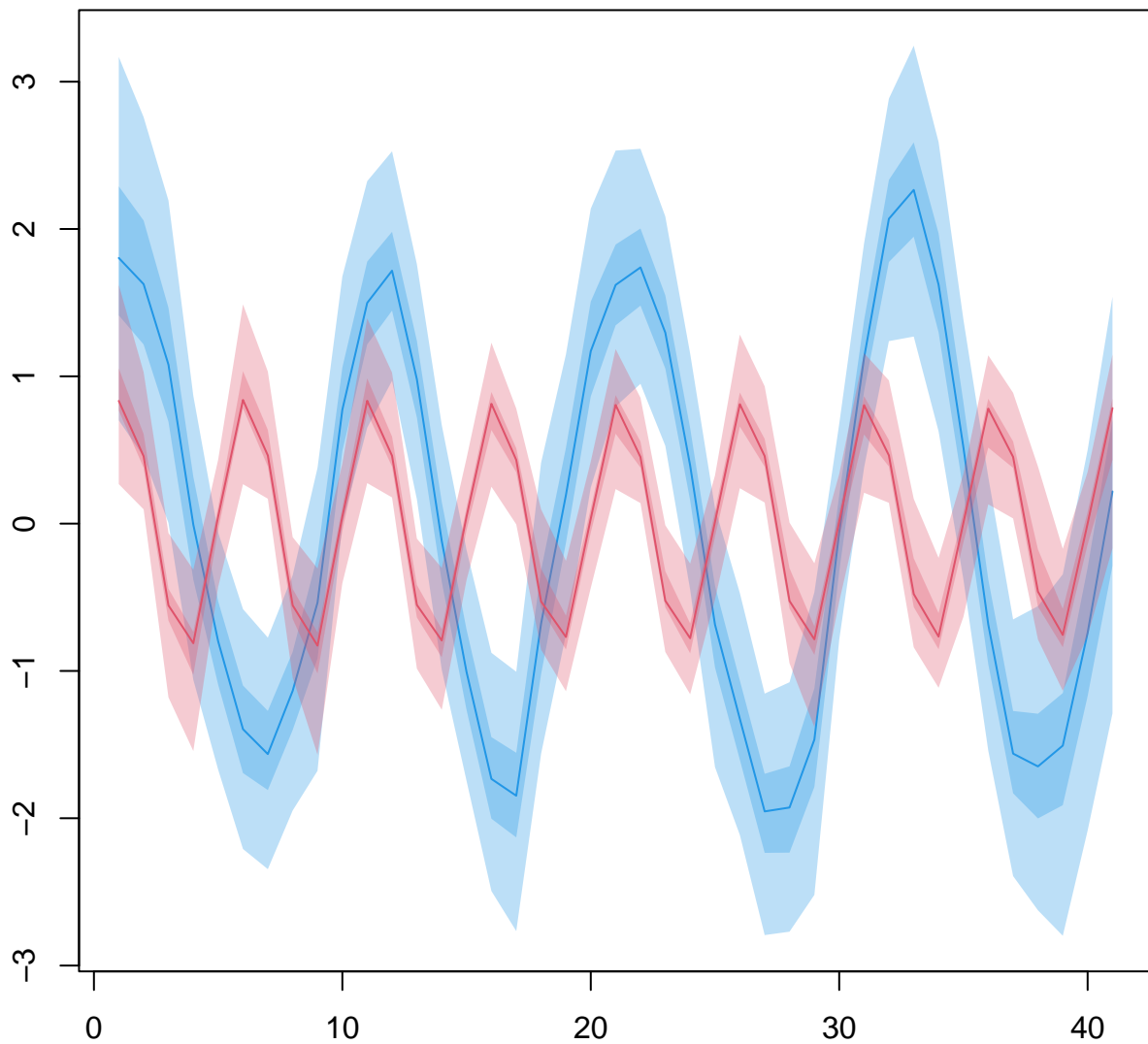
trend

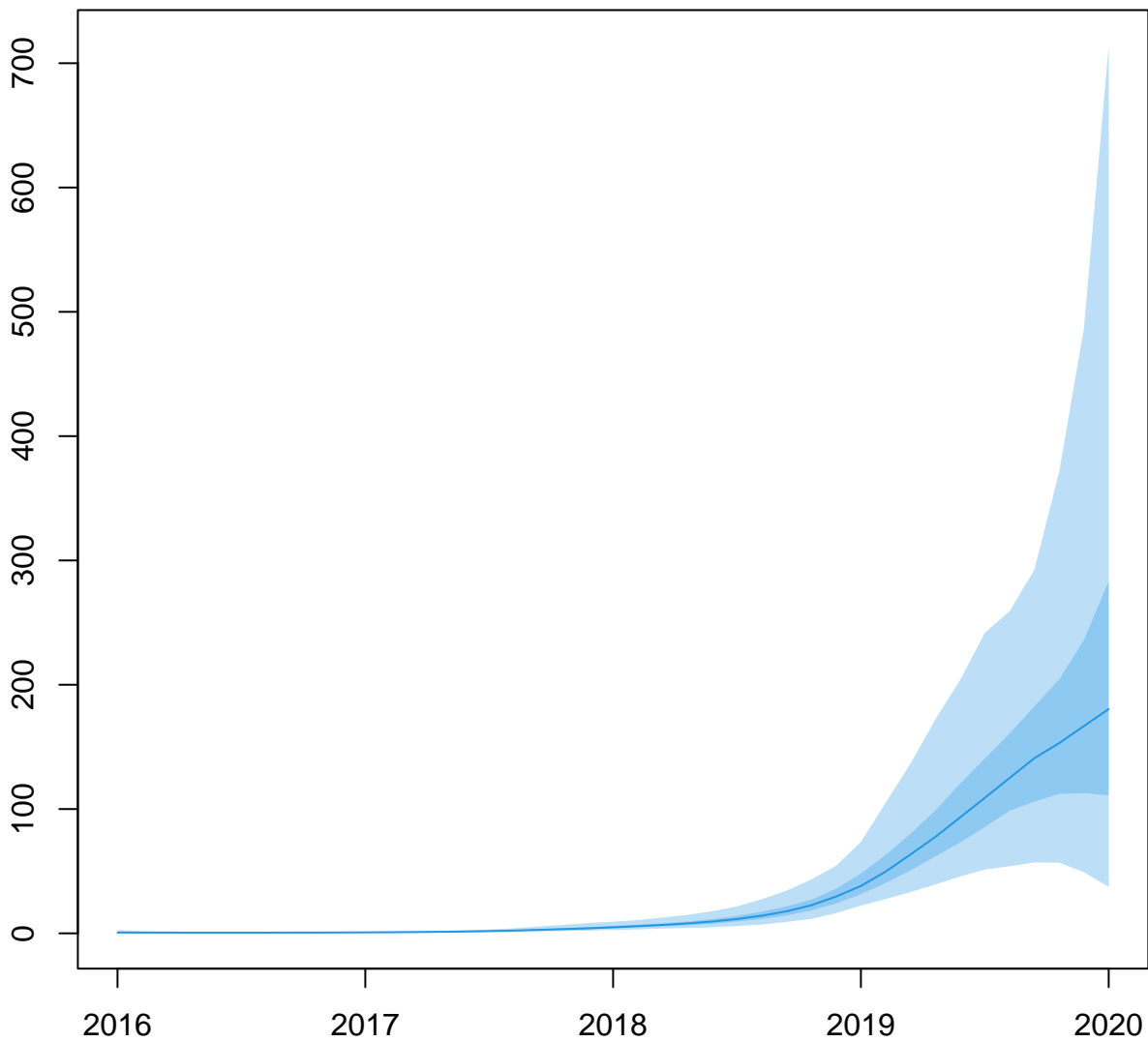


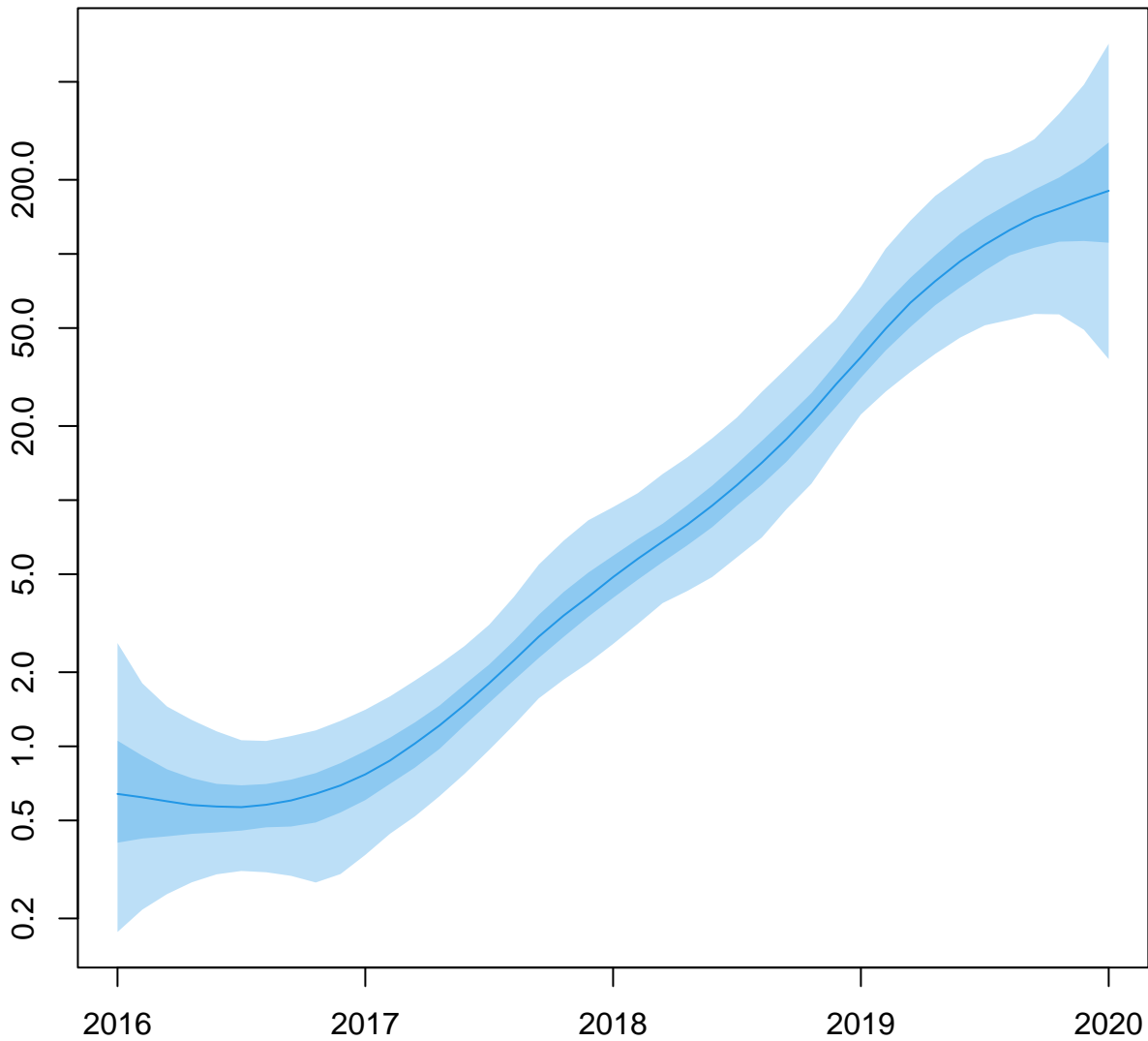
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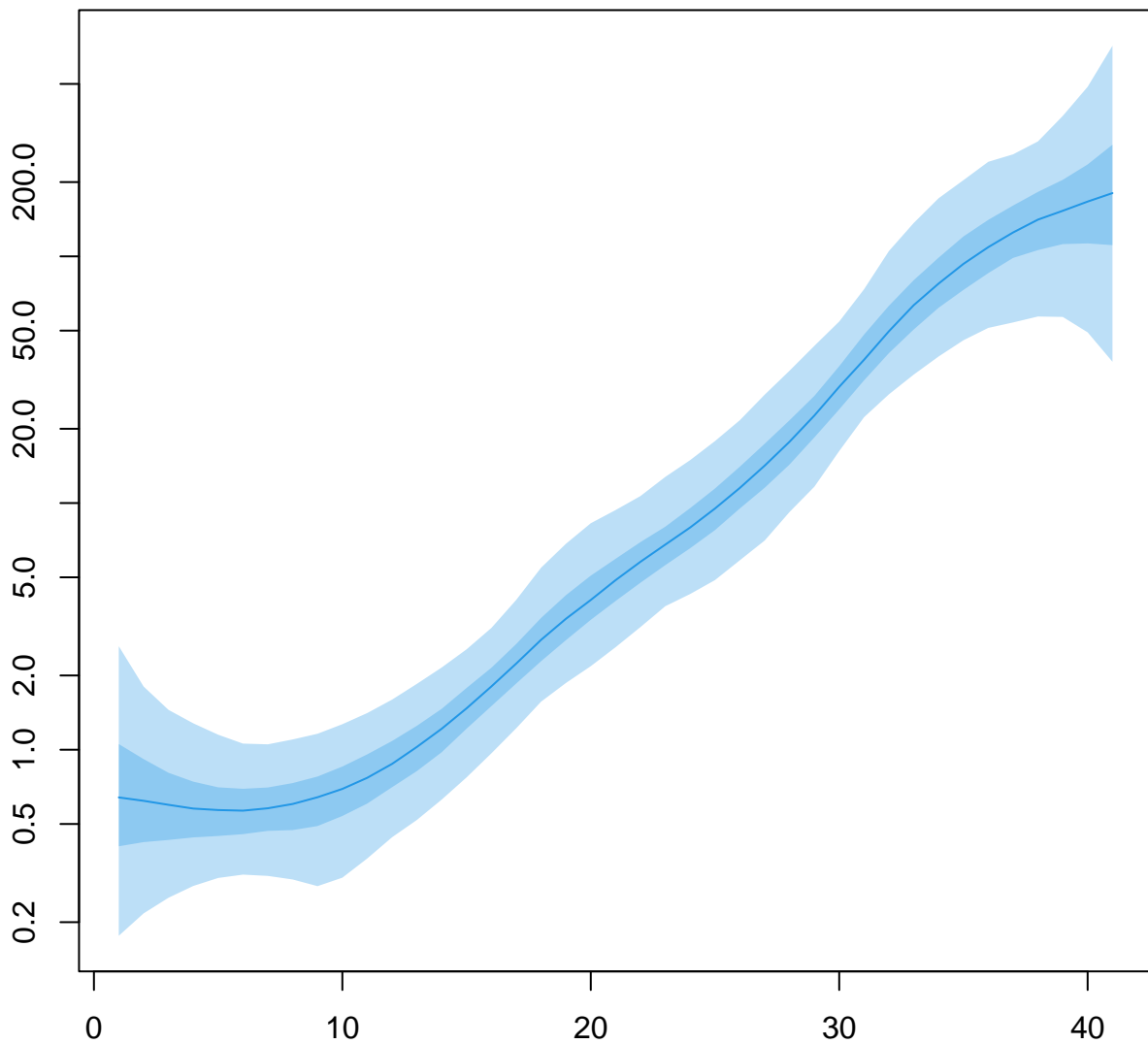
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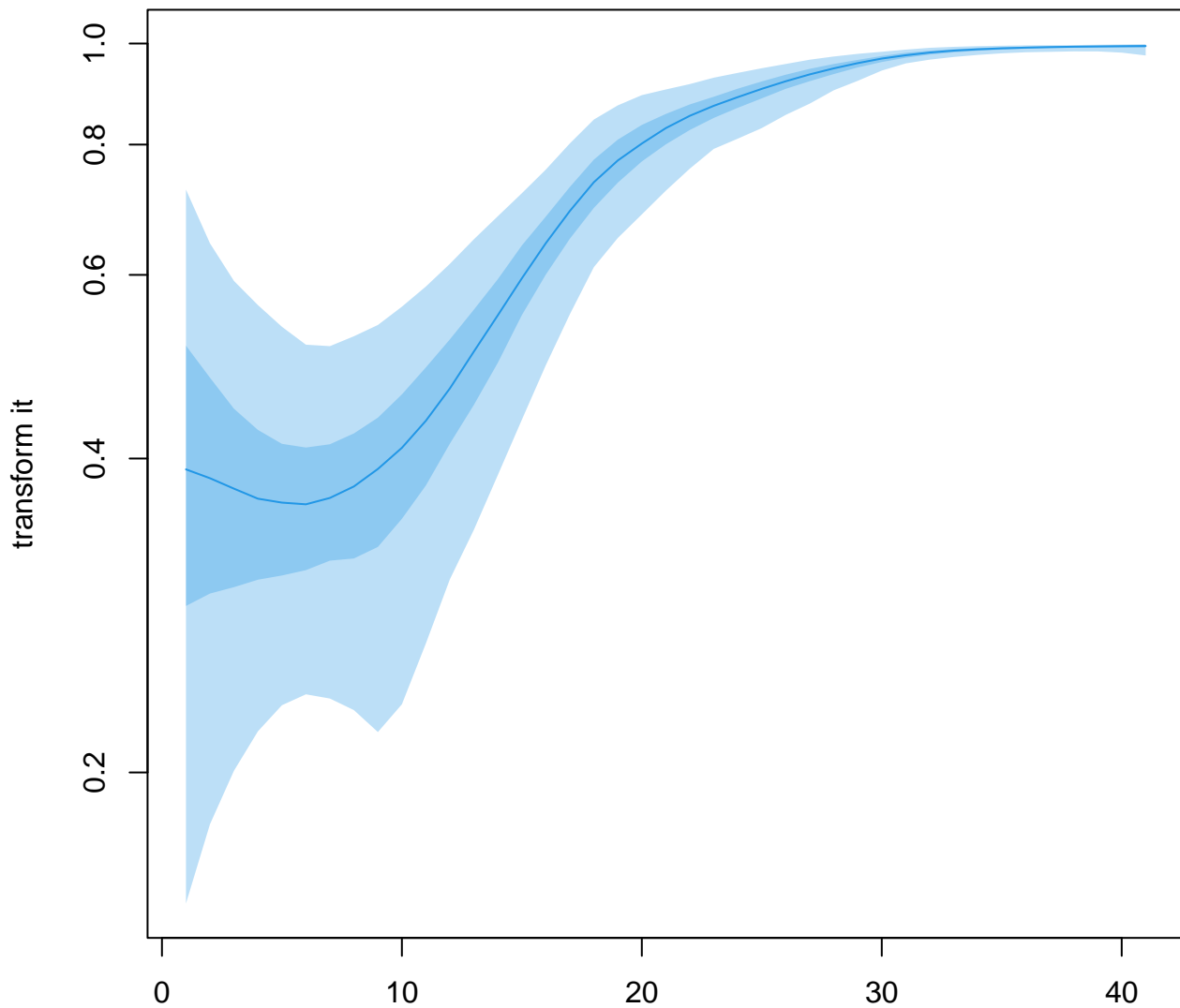


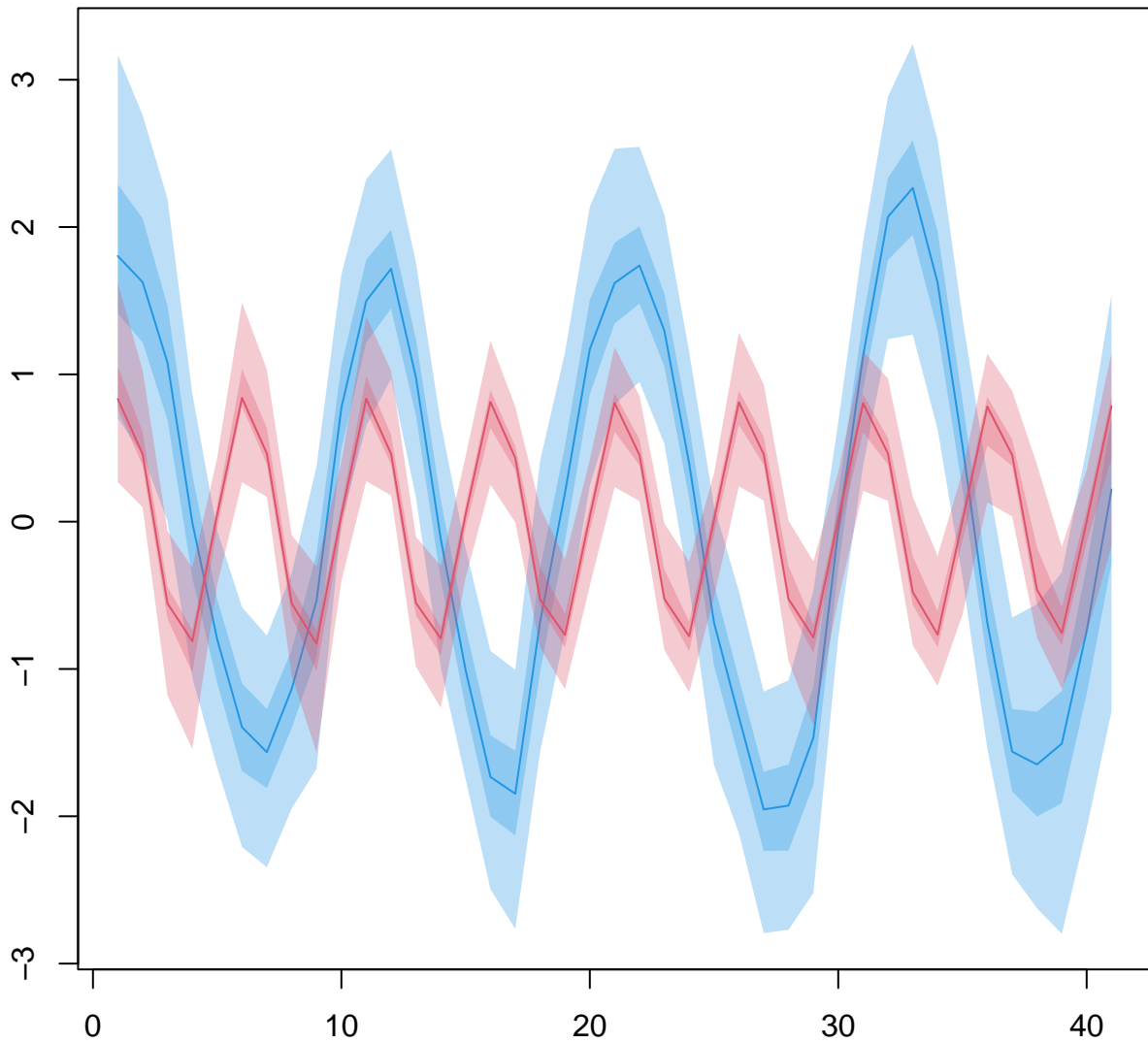


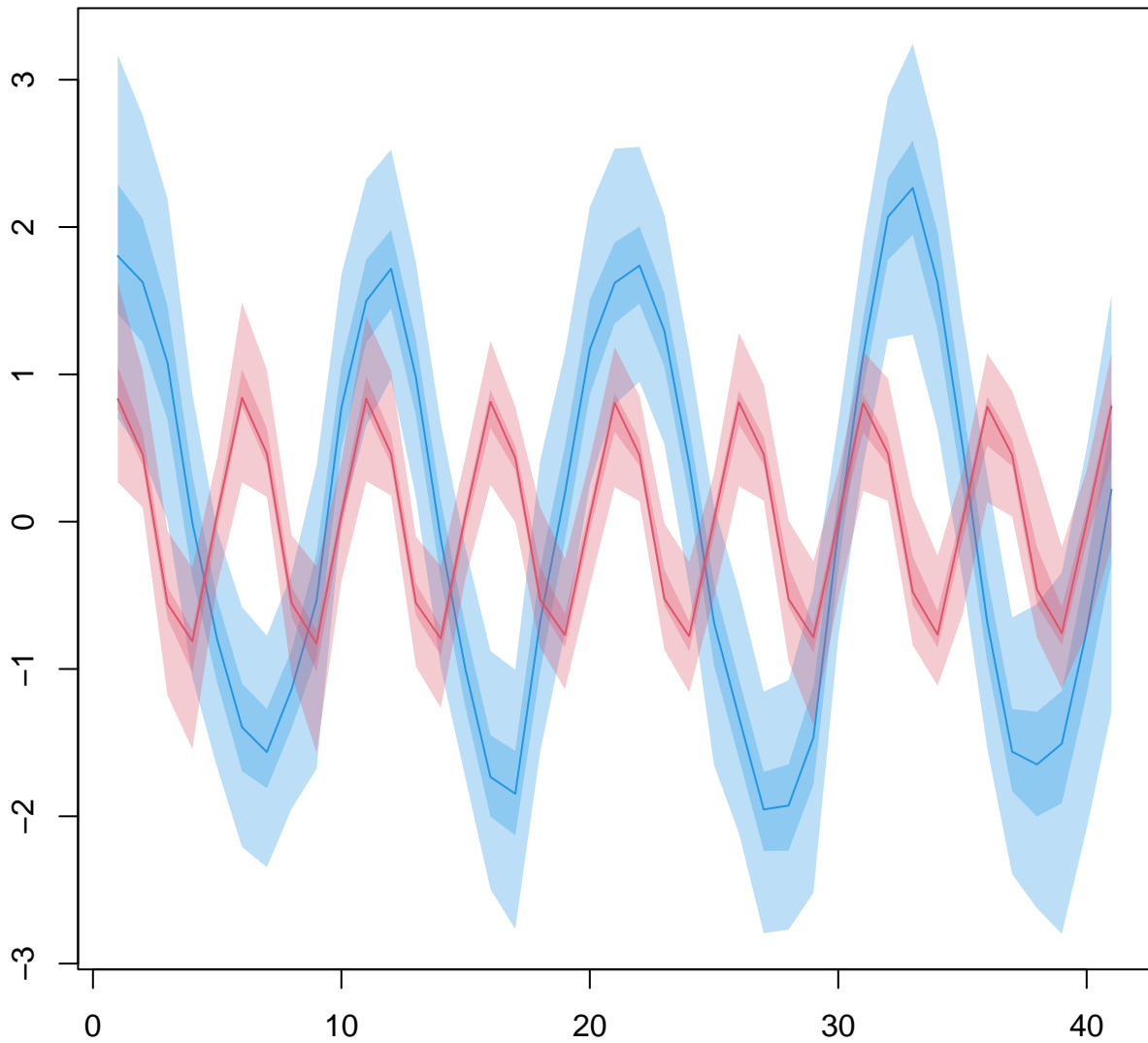
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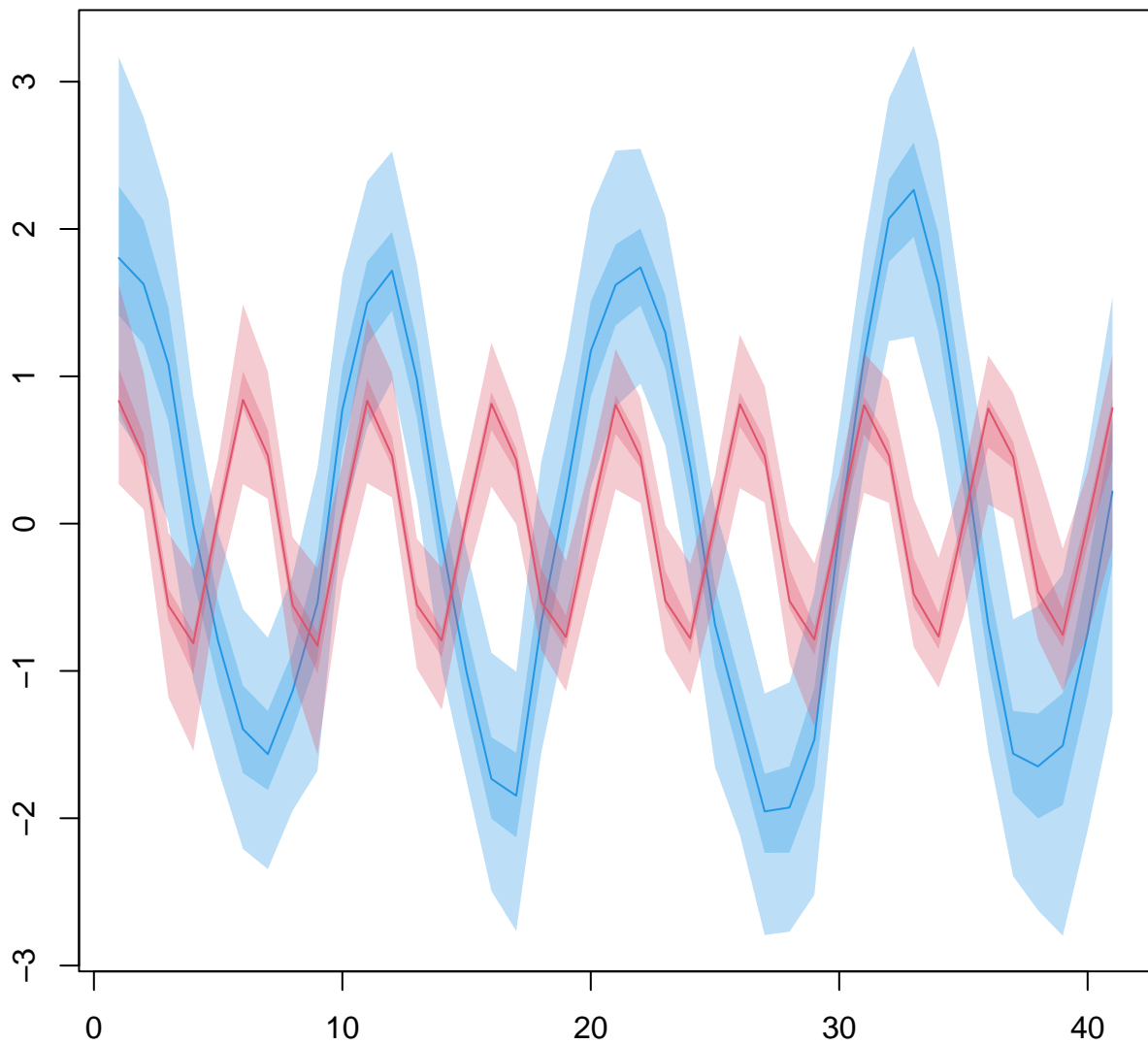
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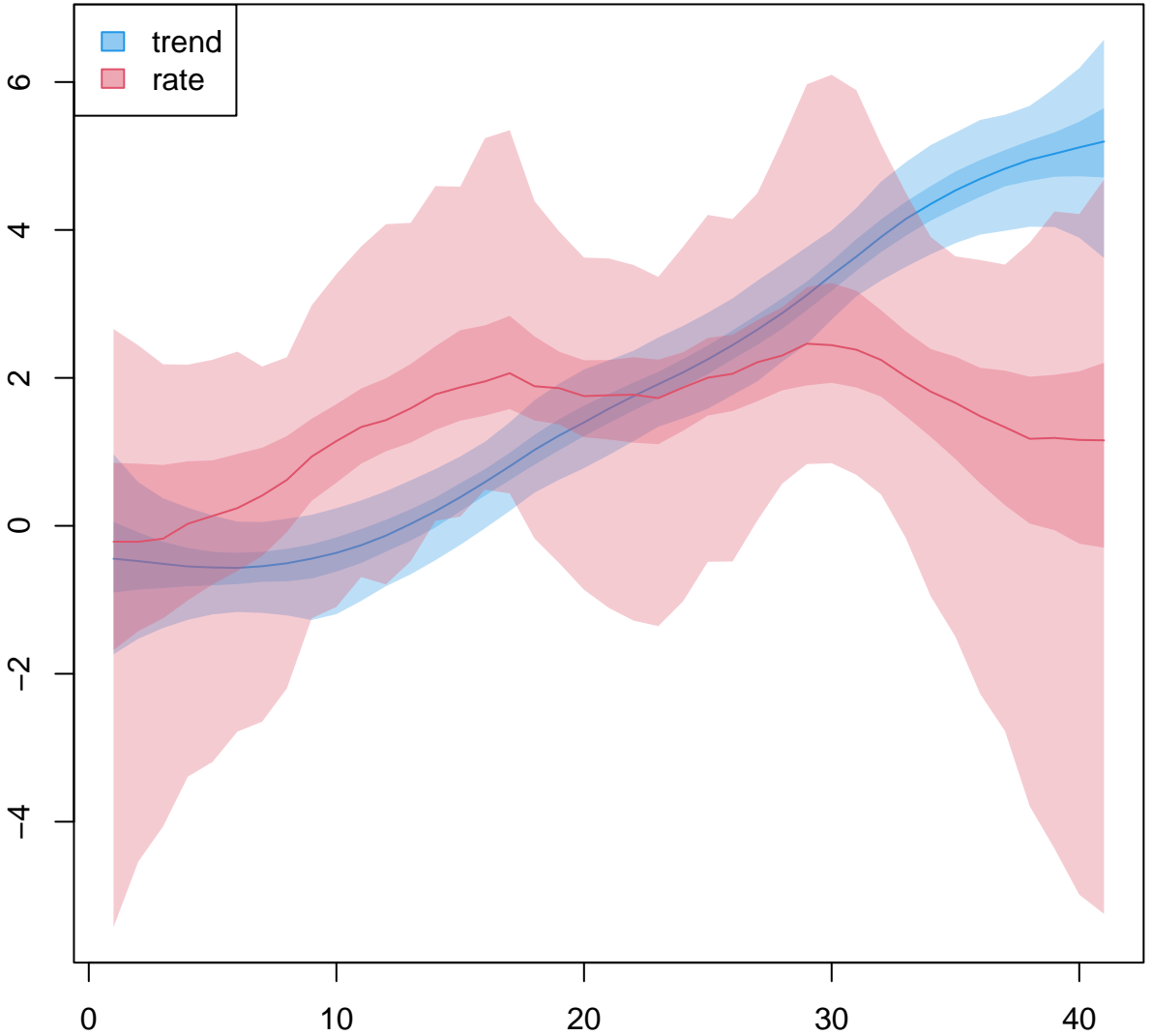


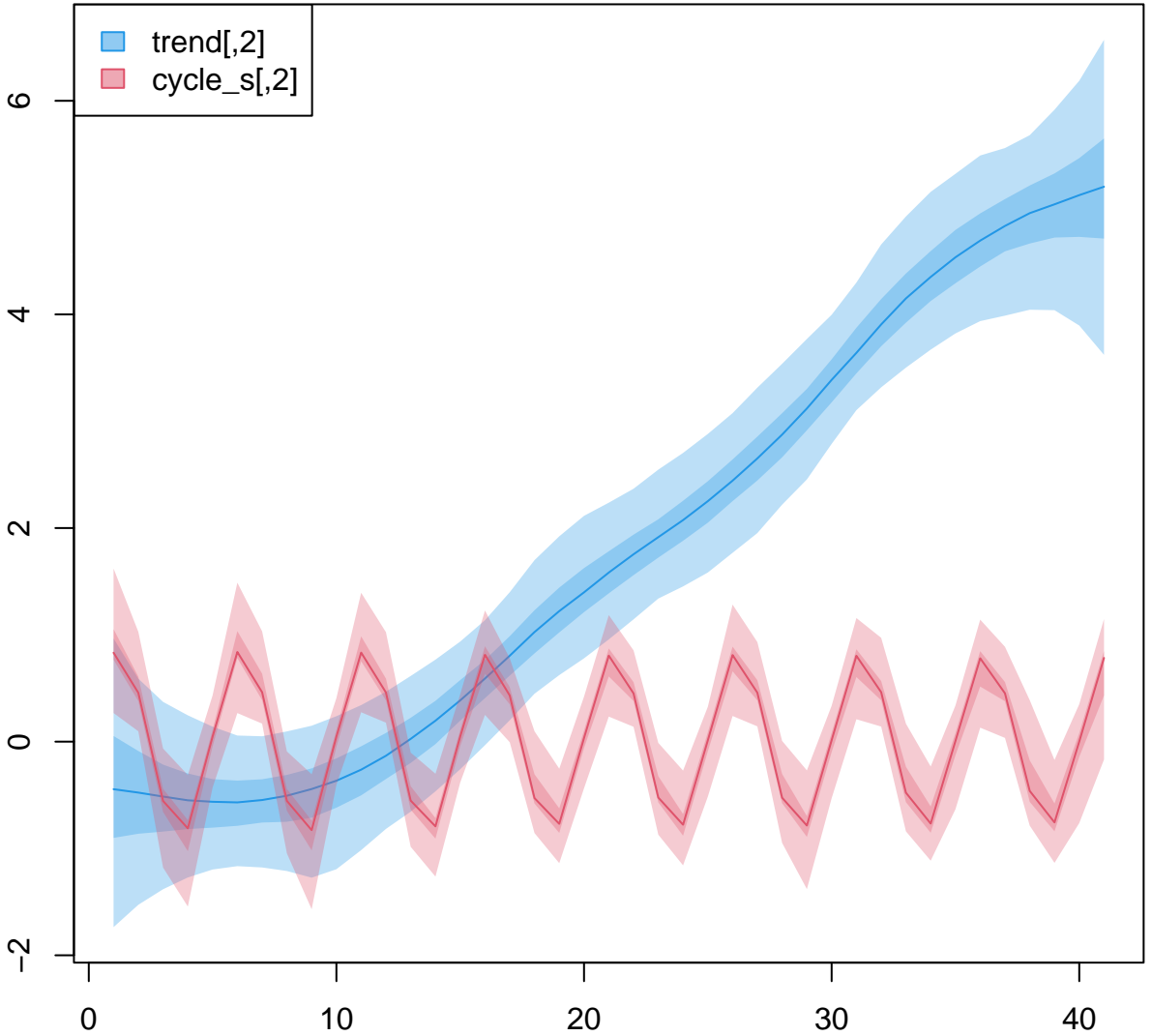


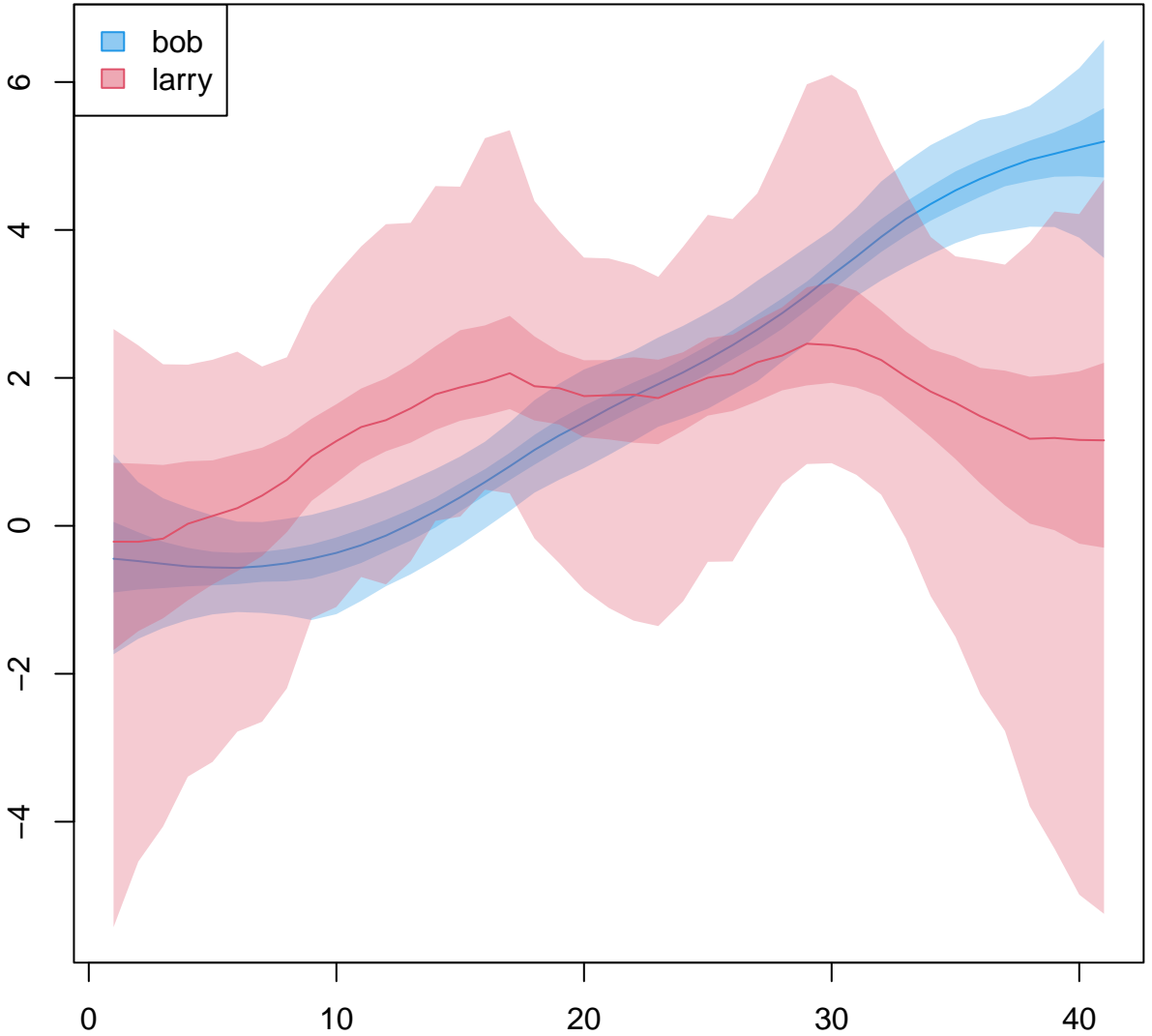


cycle_s

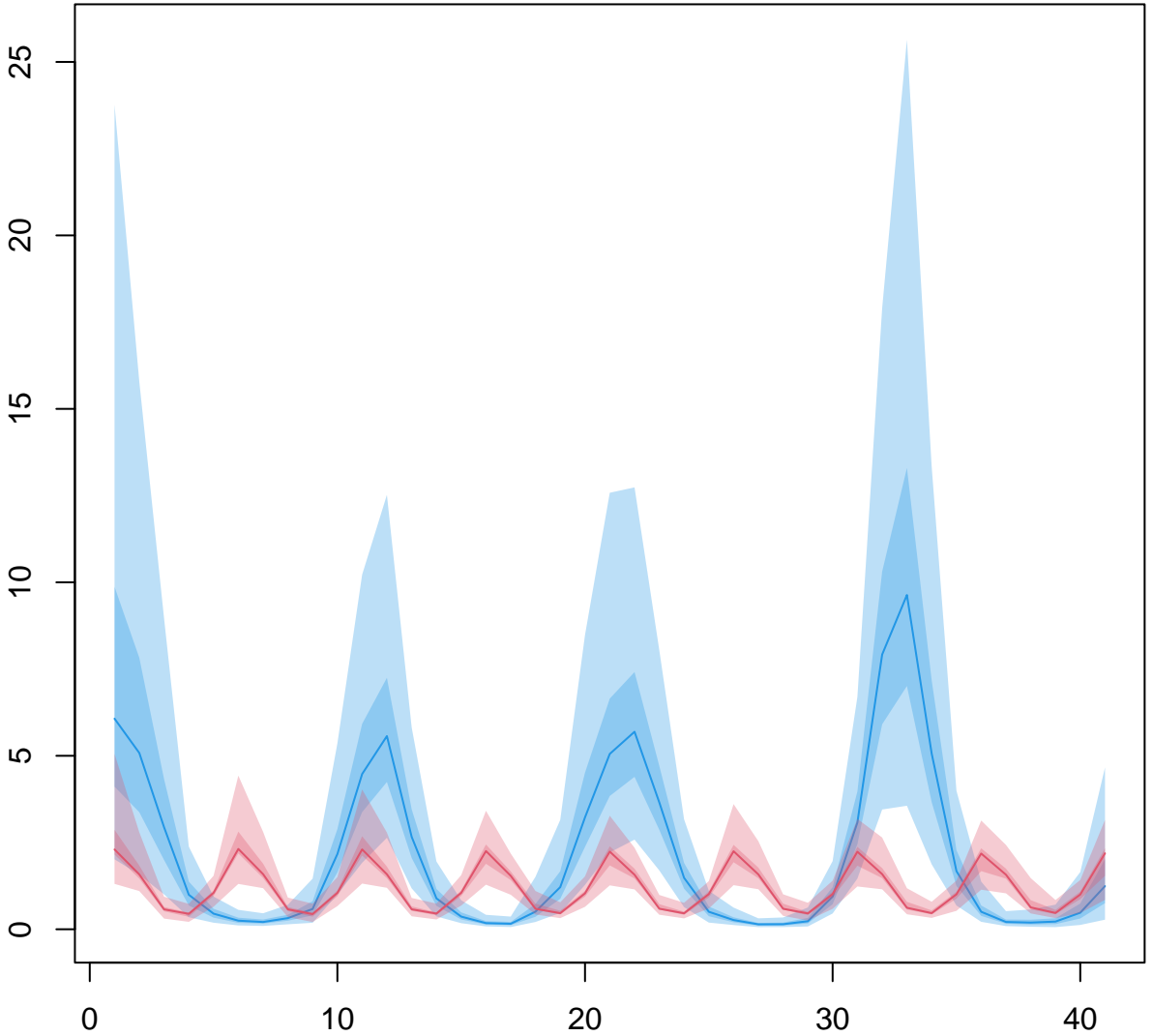




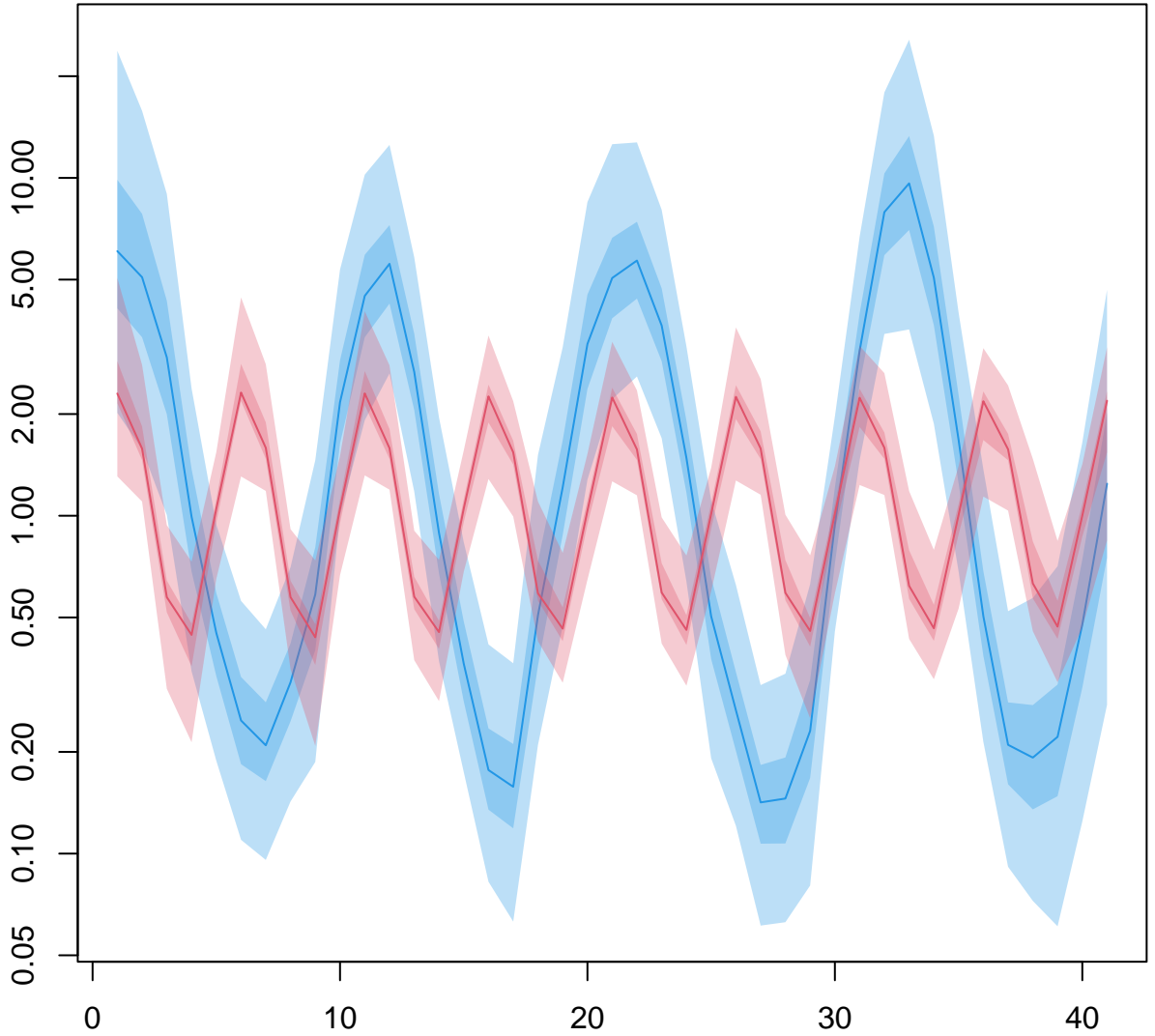


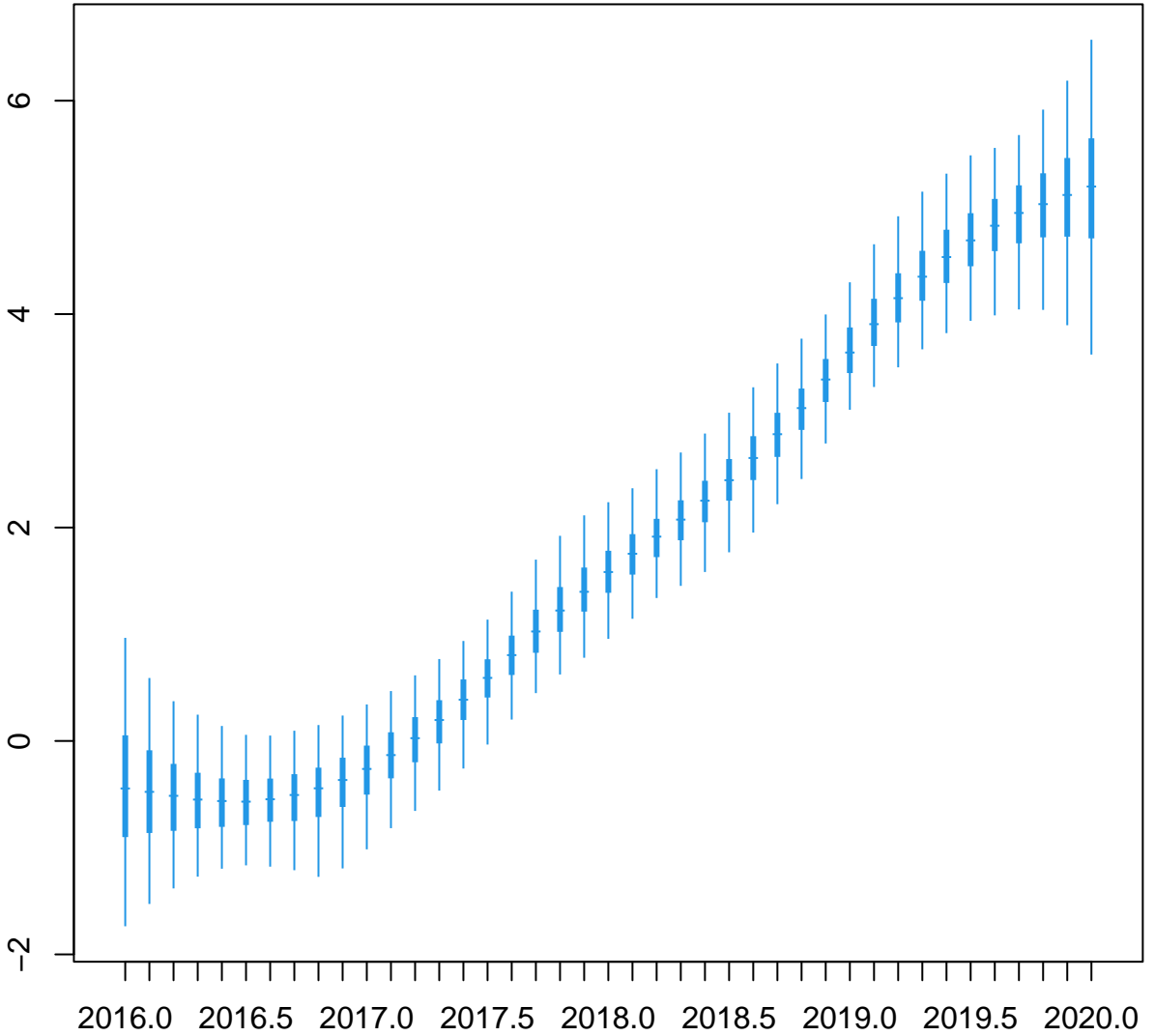


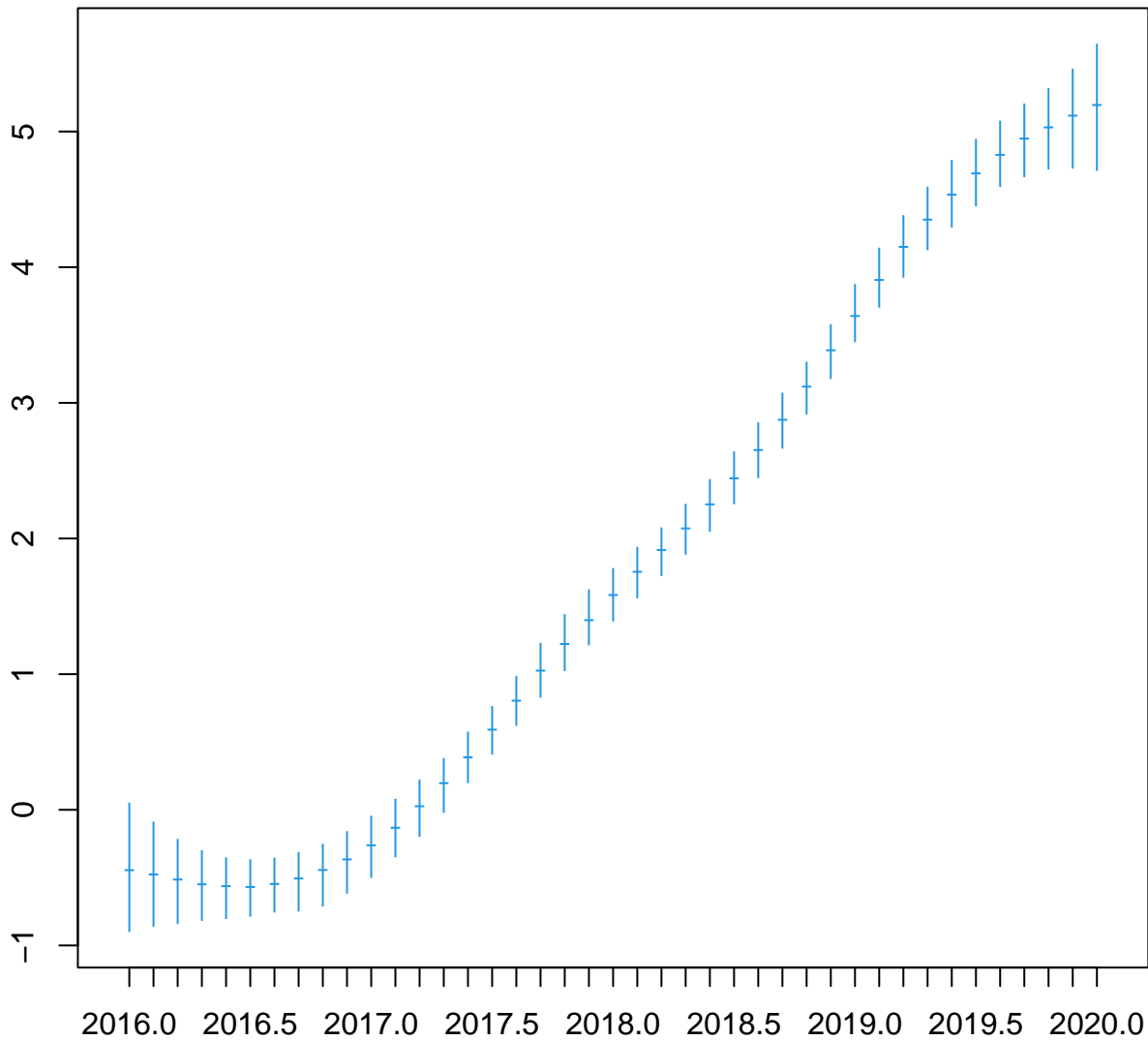
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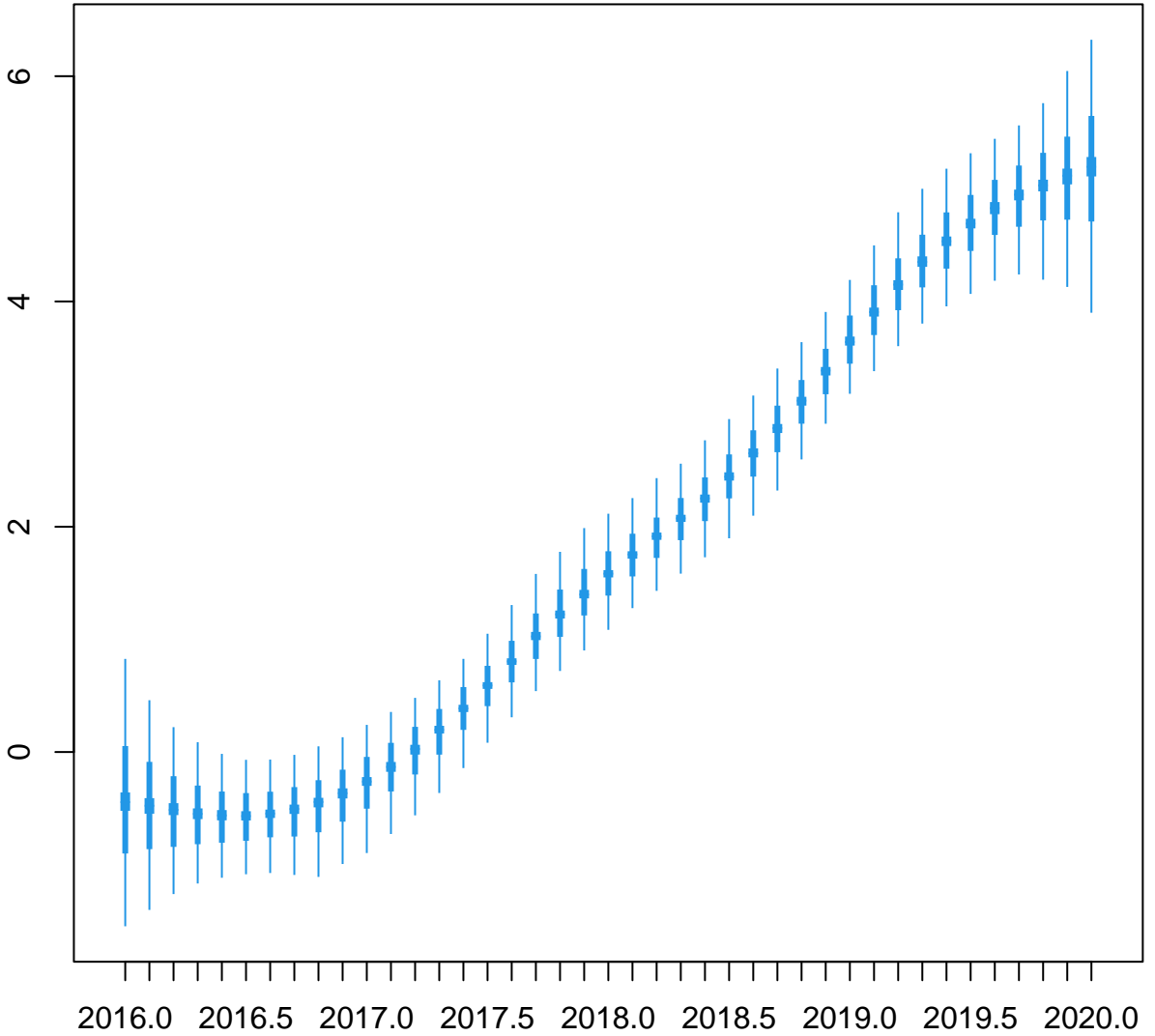


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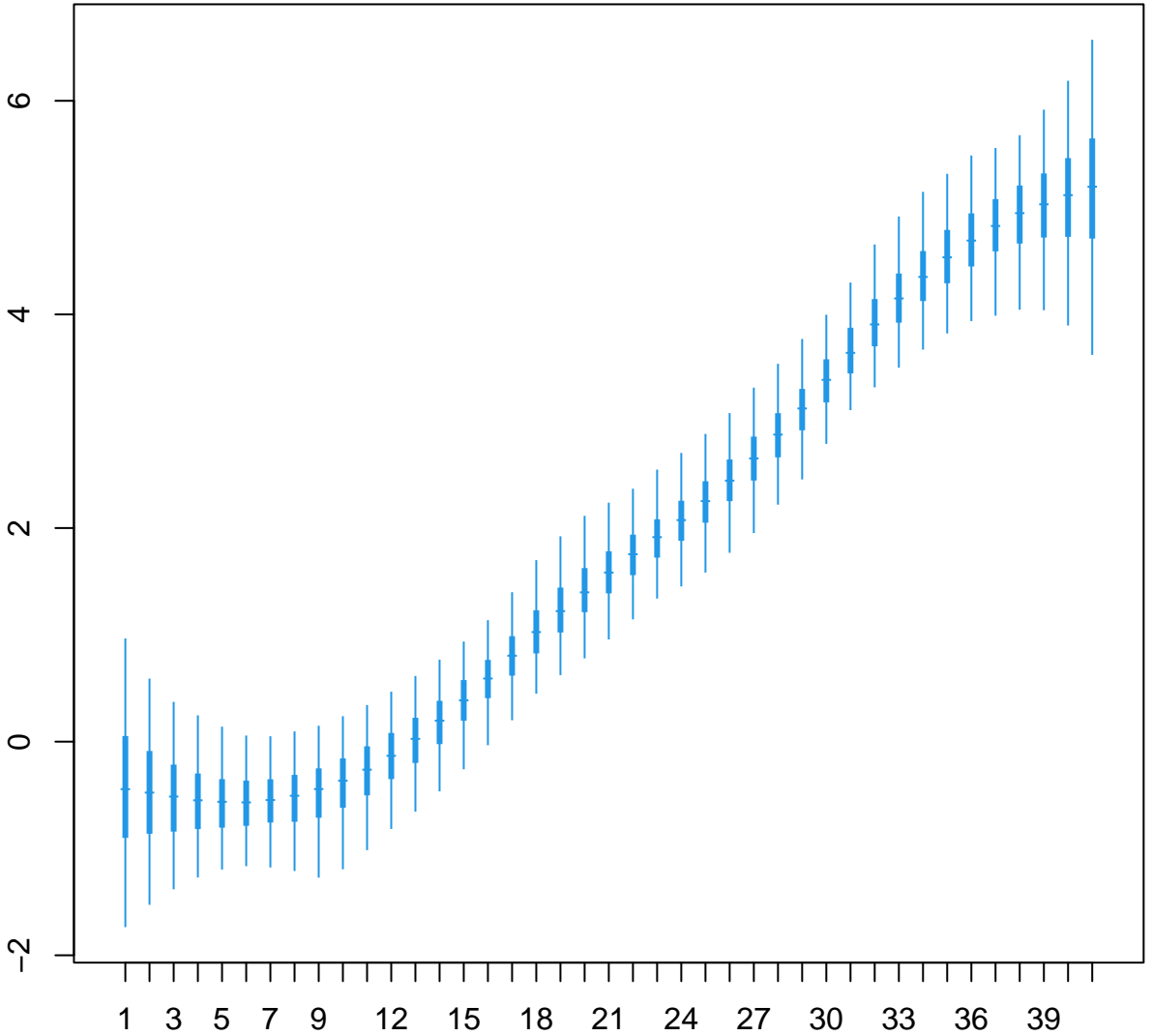




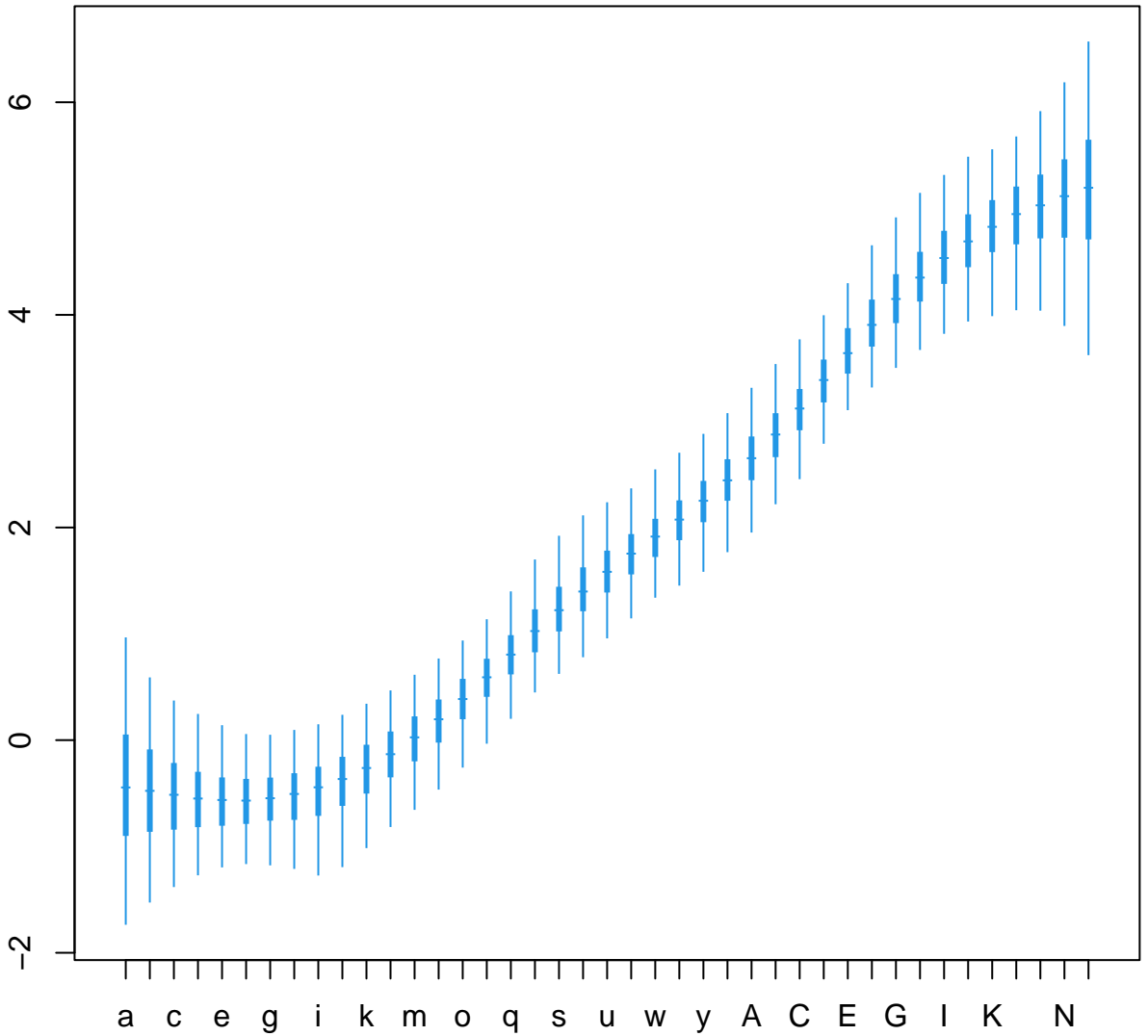




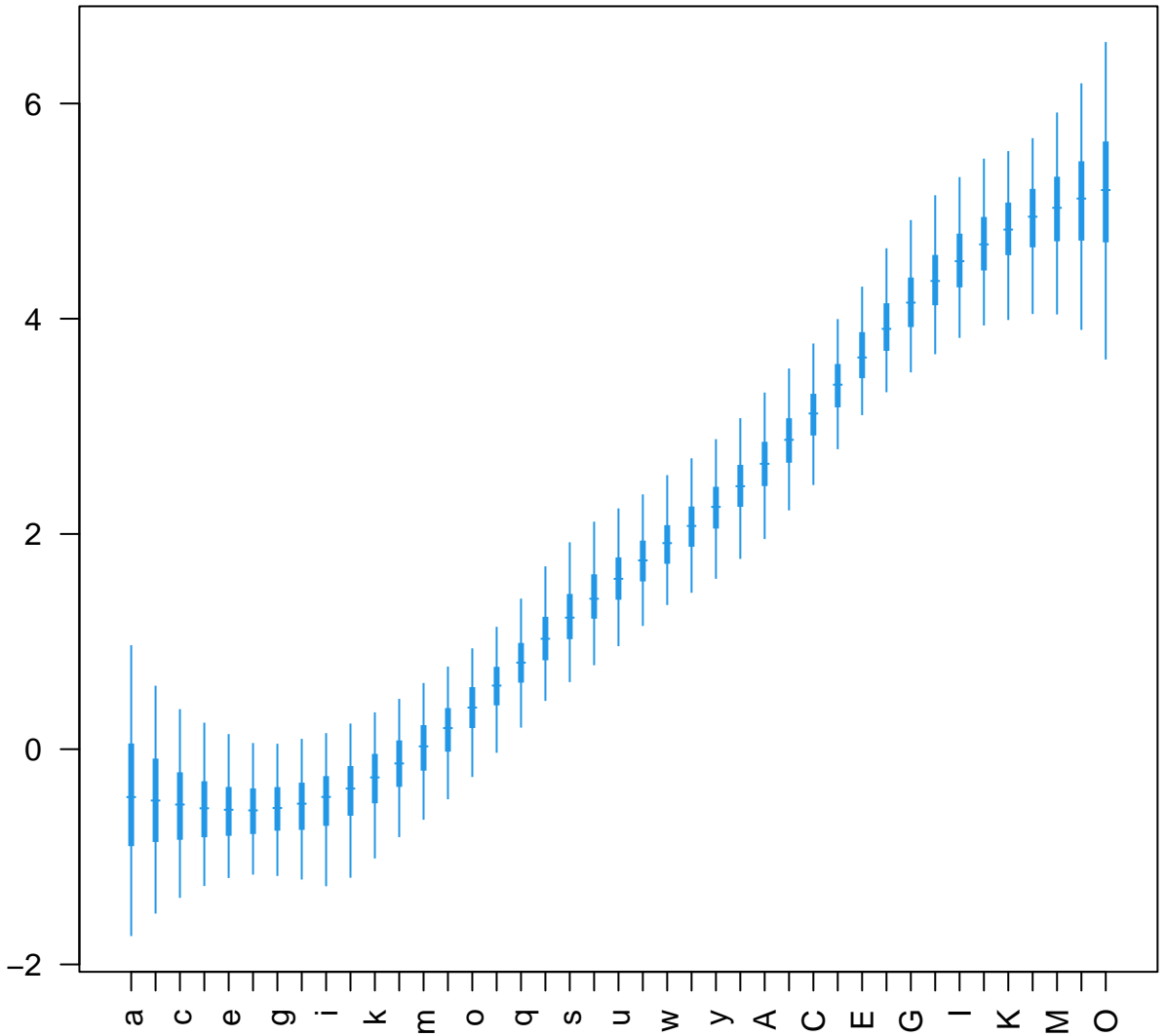
trend



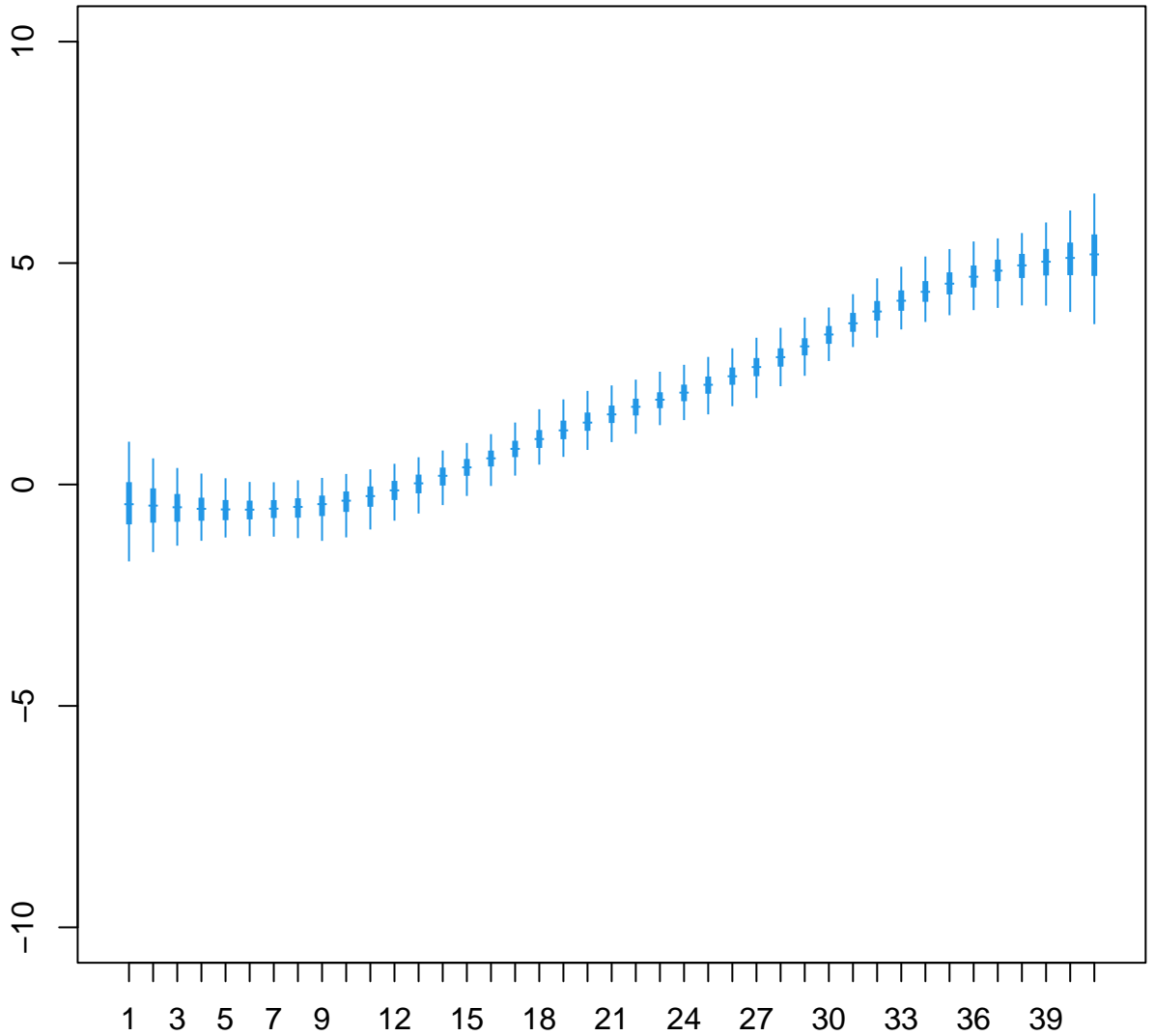
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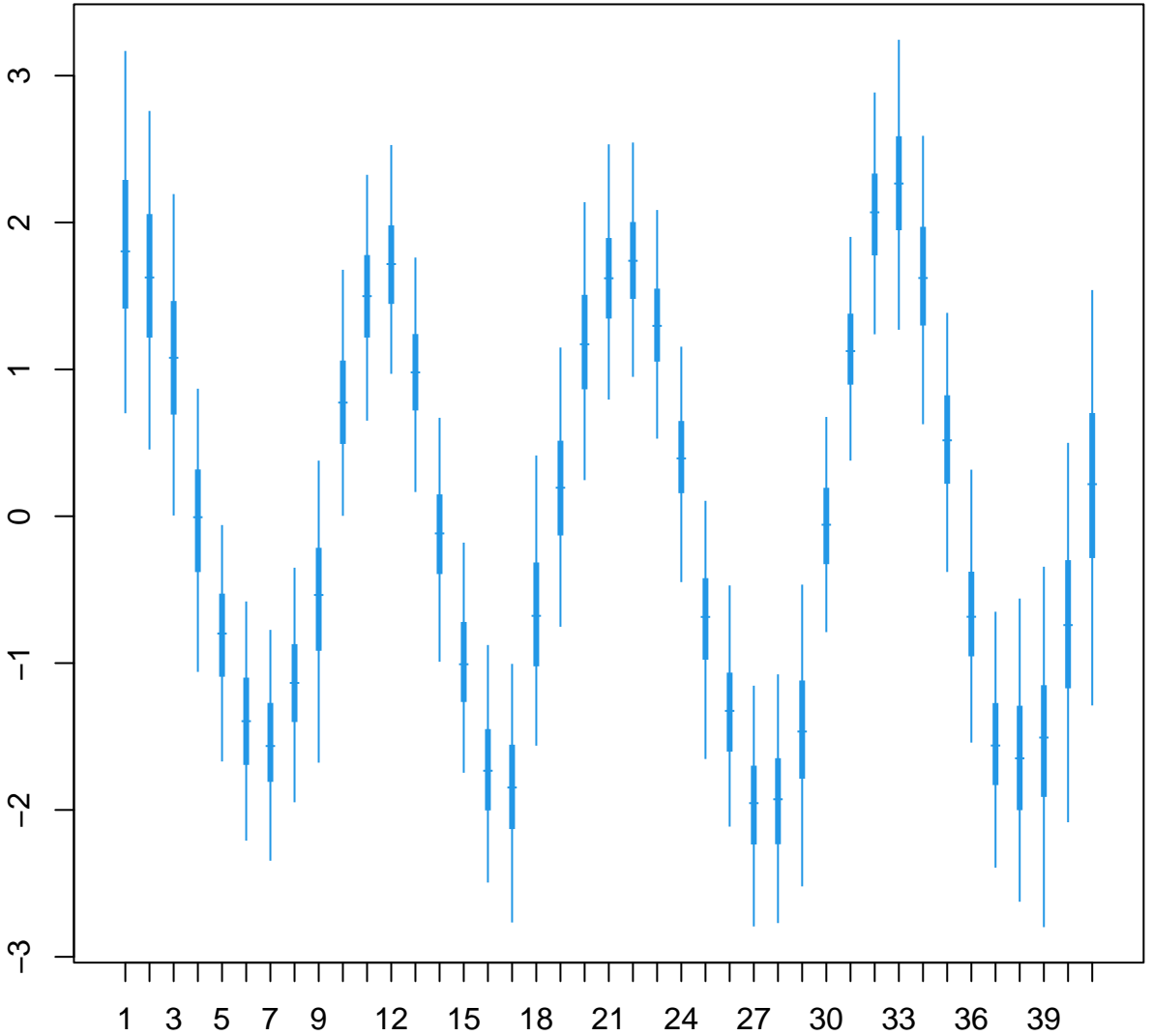
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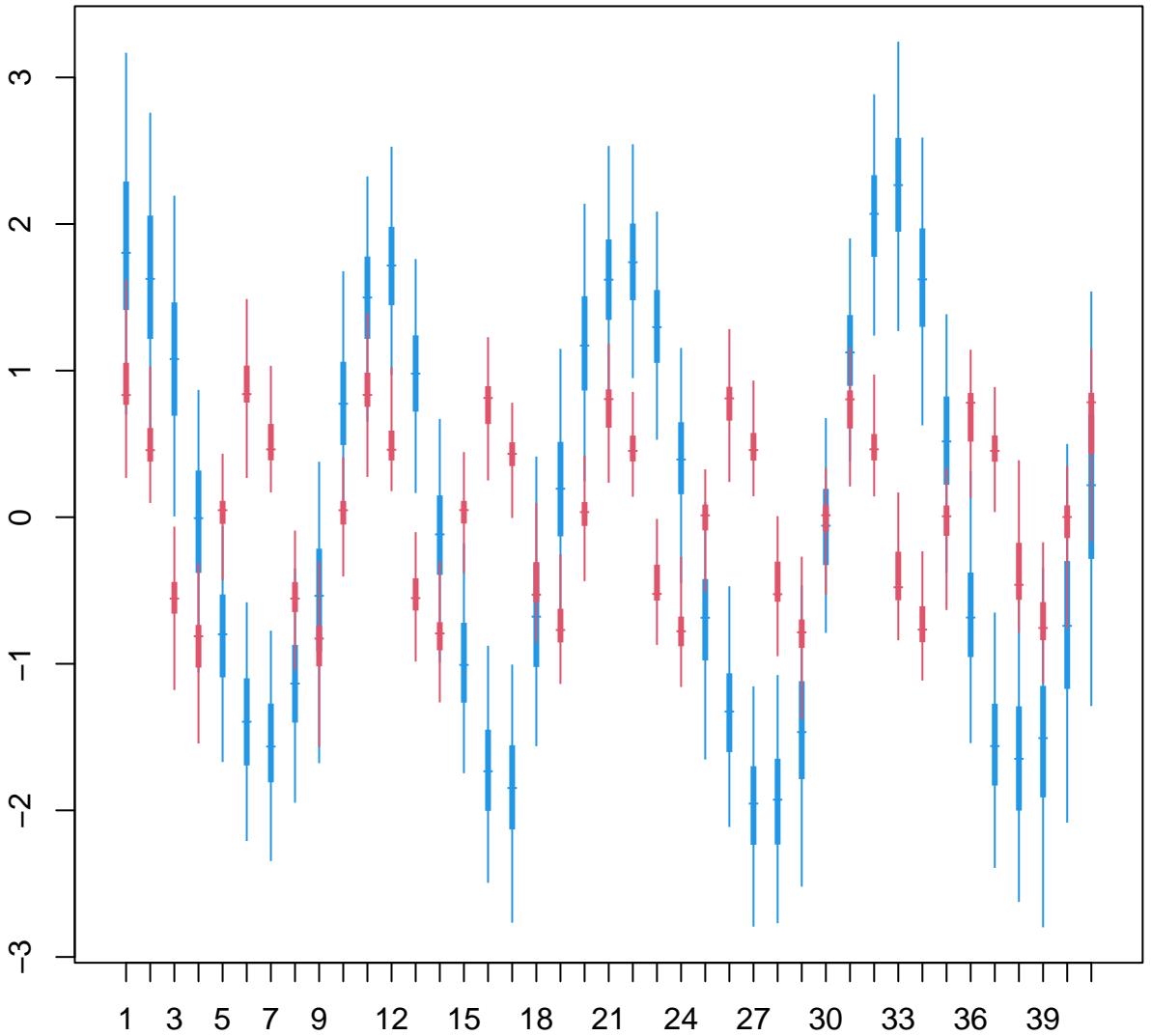
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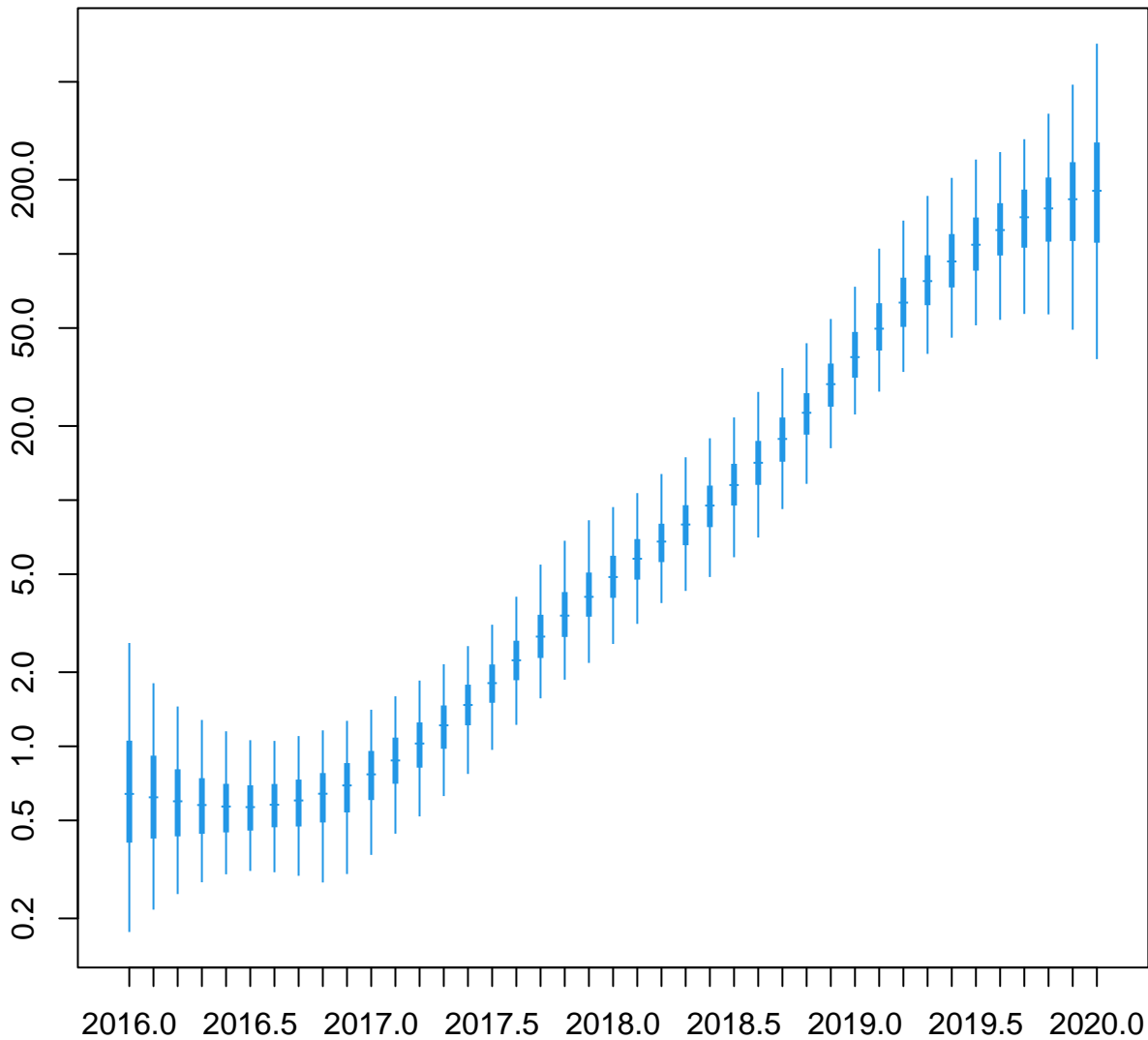


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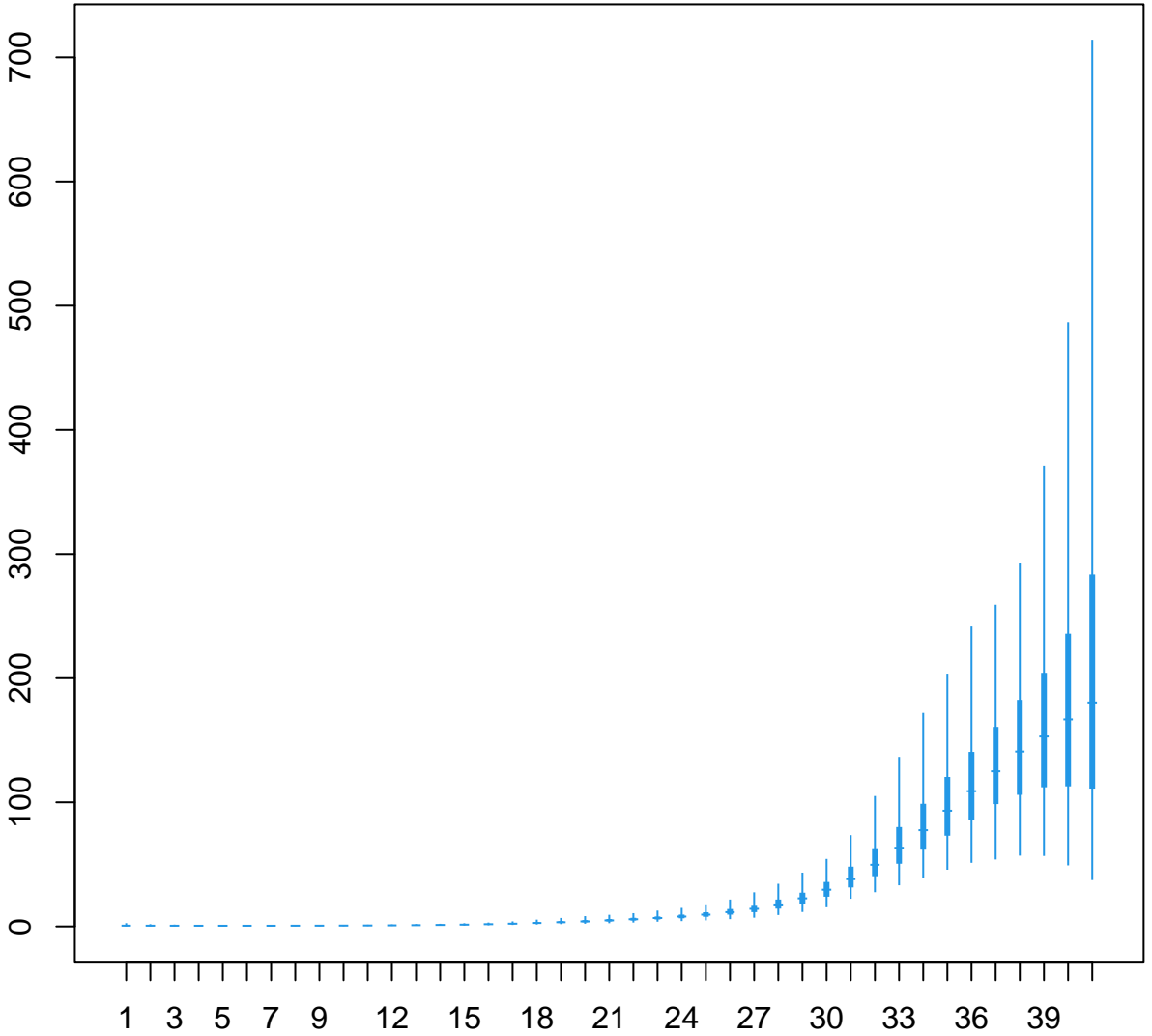


cycle_s

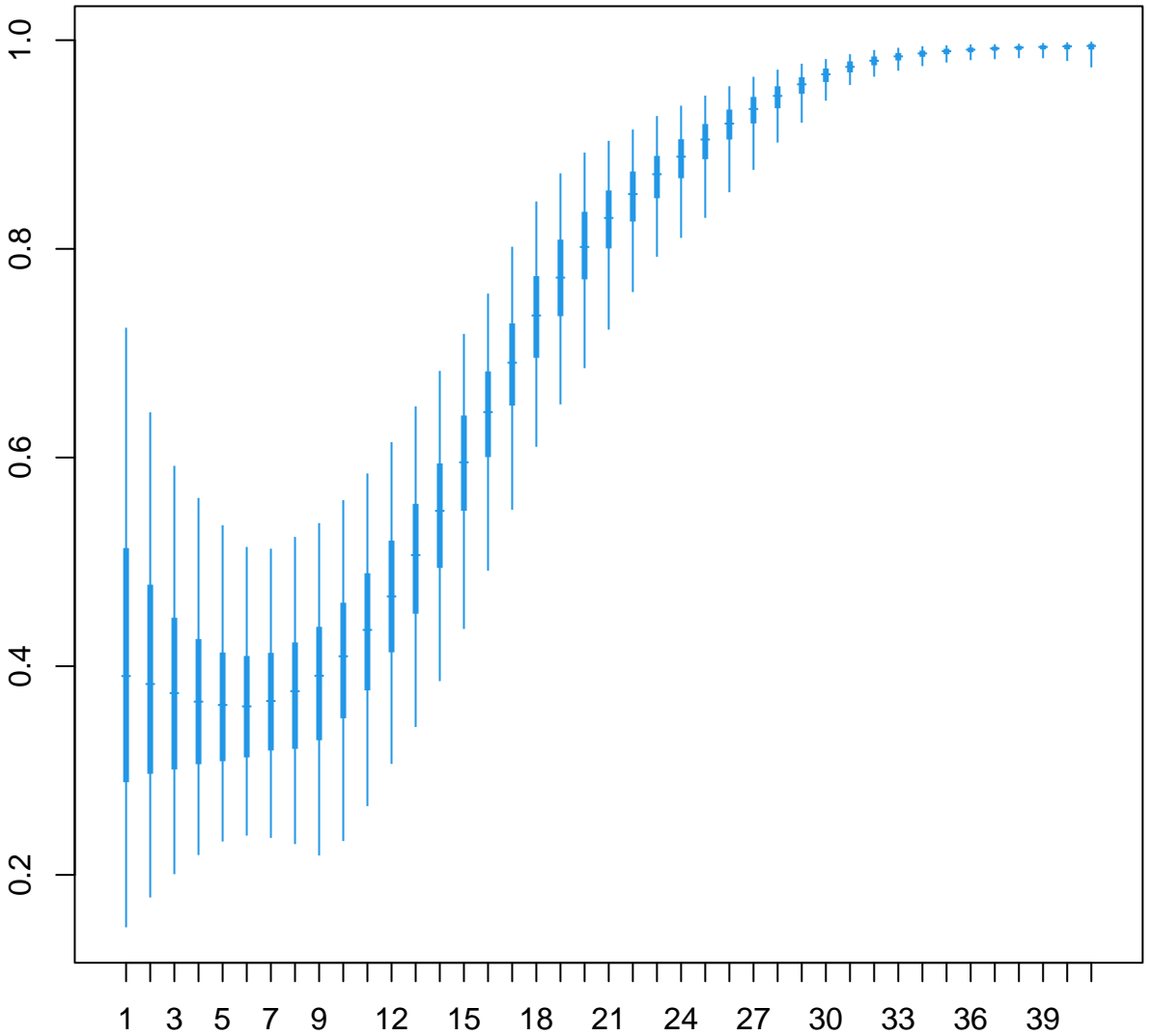


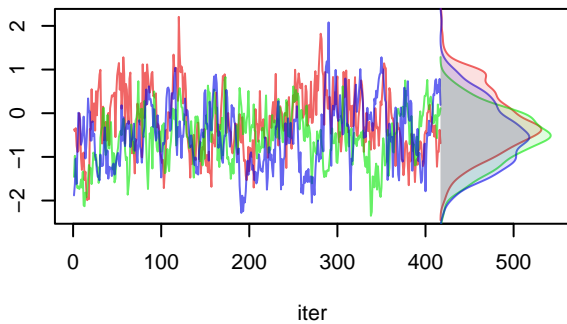
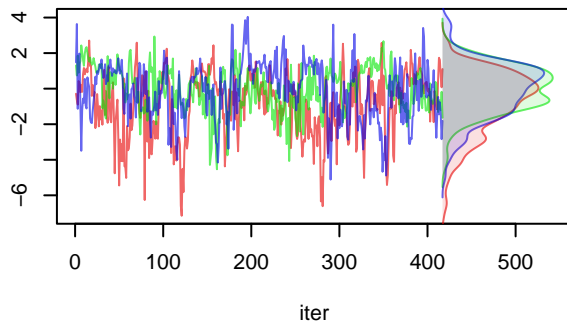
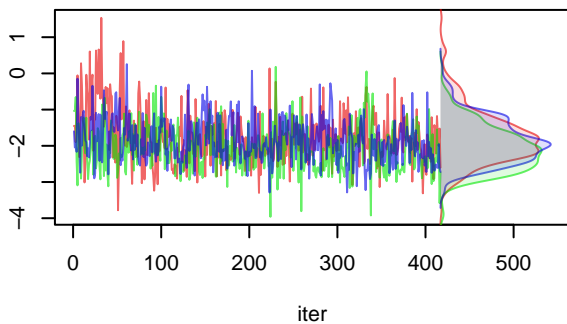
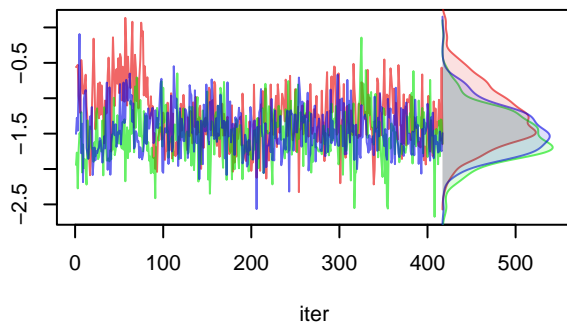
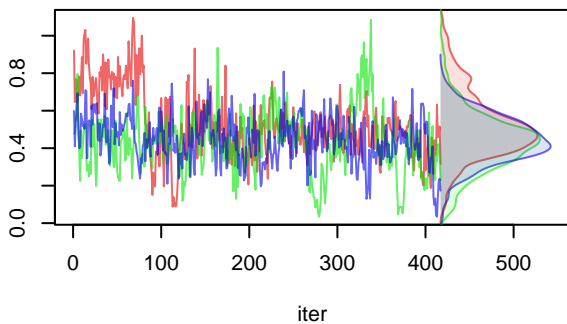
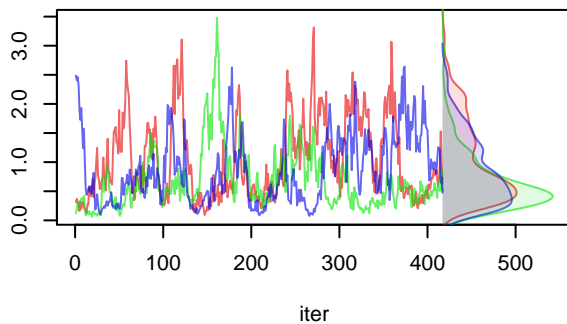


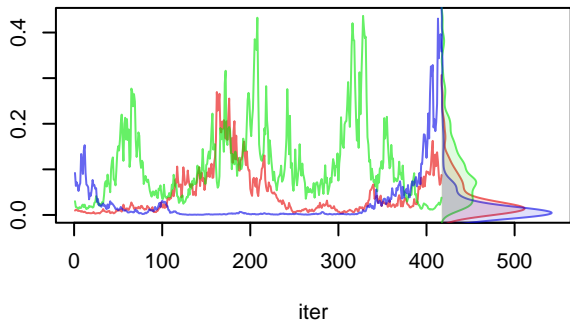
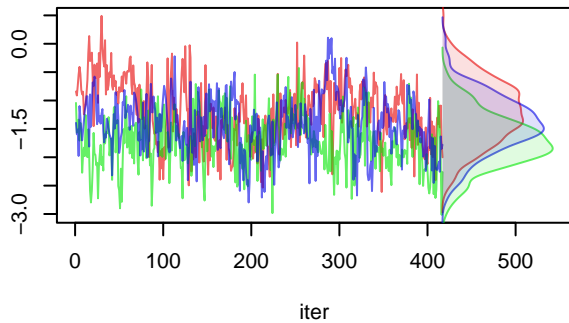
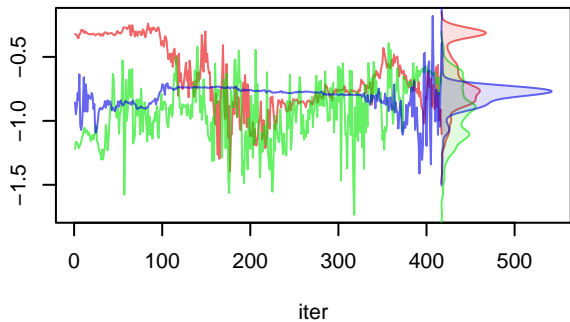
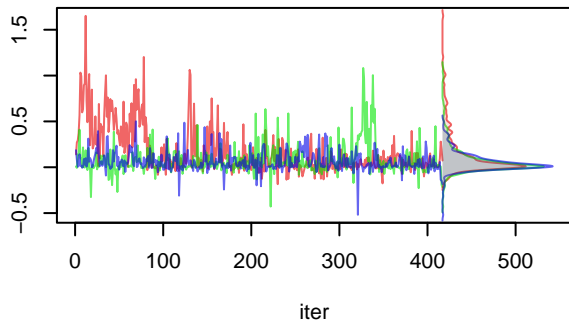
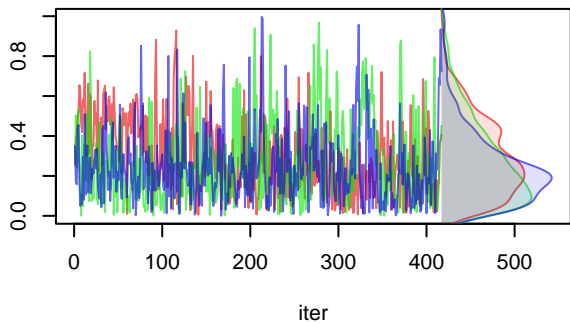
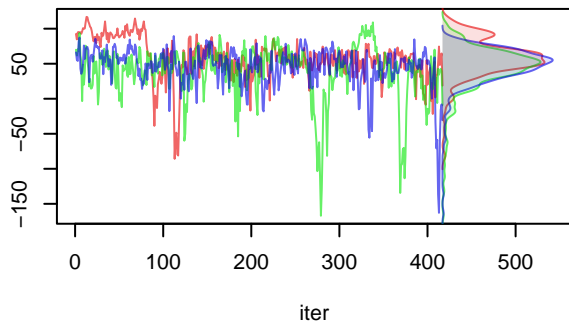
trend

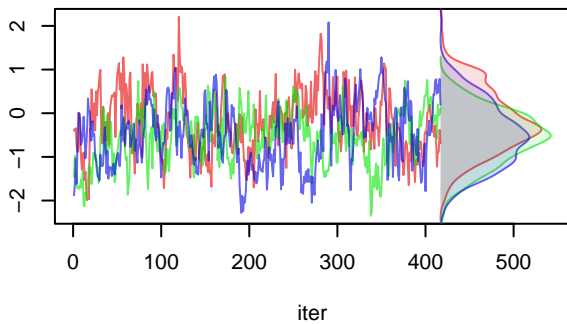
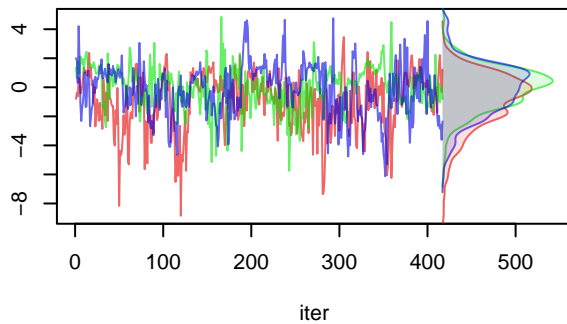
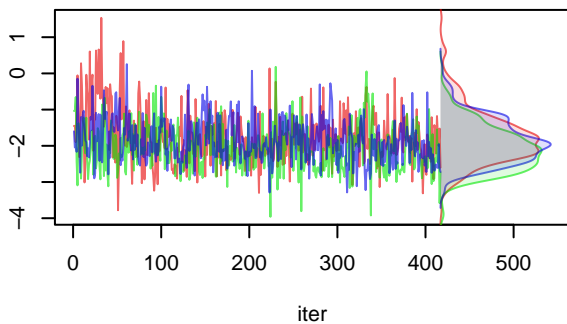
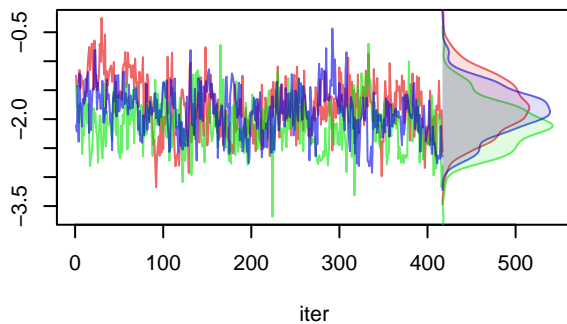
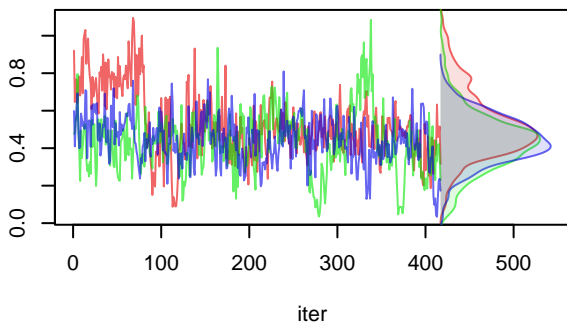
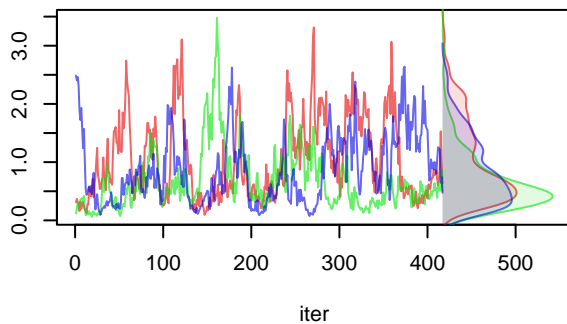


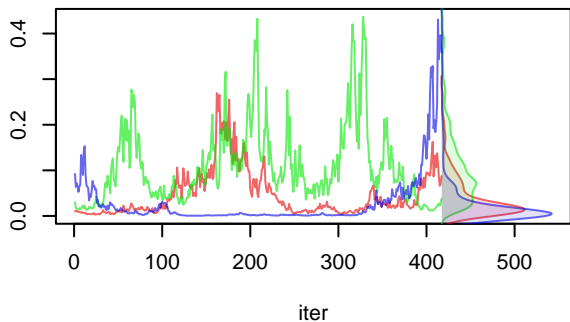
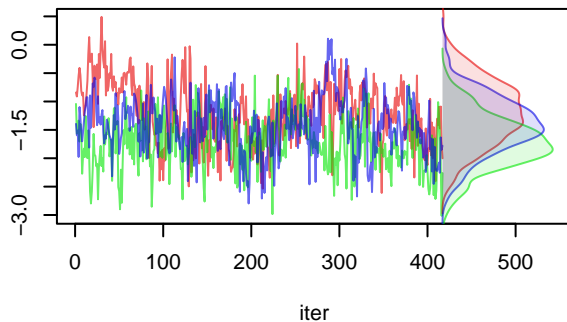
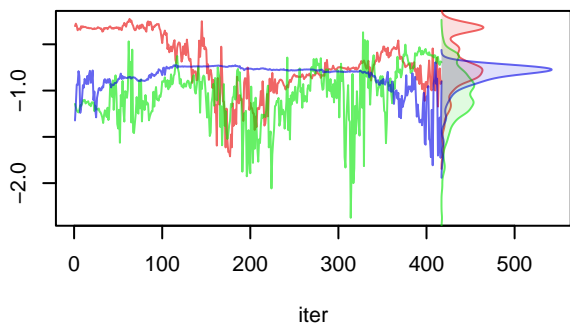
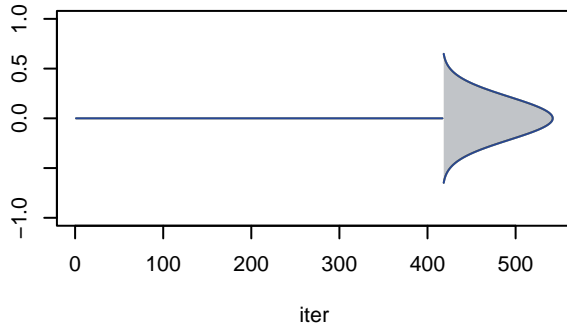
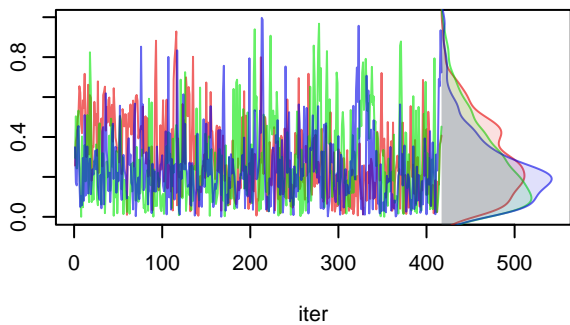
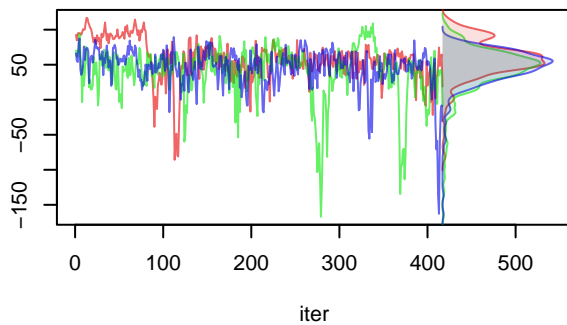
trend



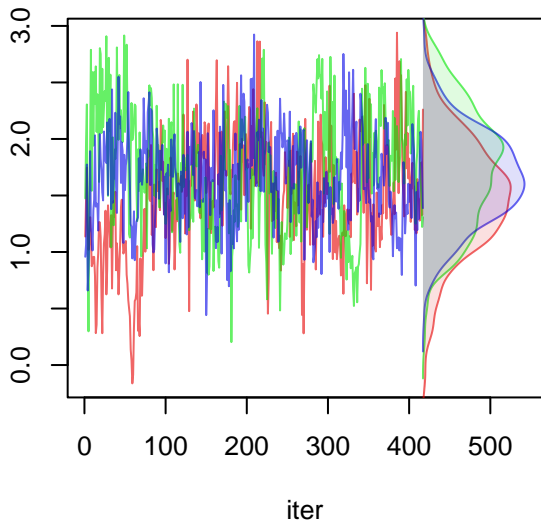
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sig_omega[2]**cycle[9]****cycle_s[14,2]****ar1[21]****phi****deviance**

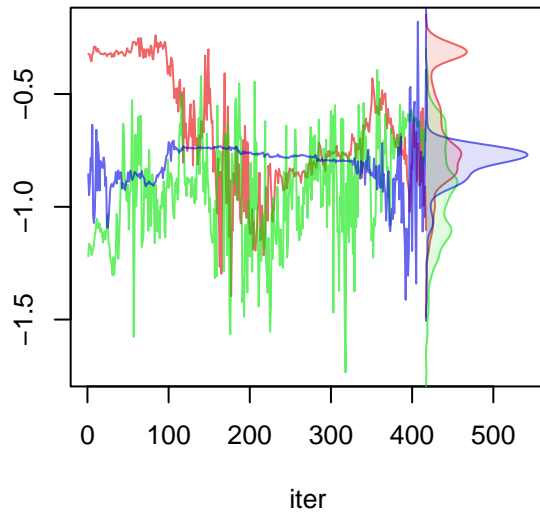
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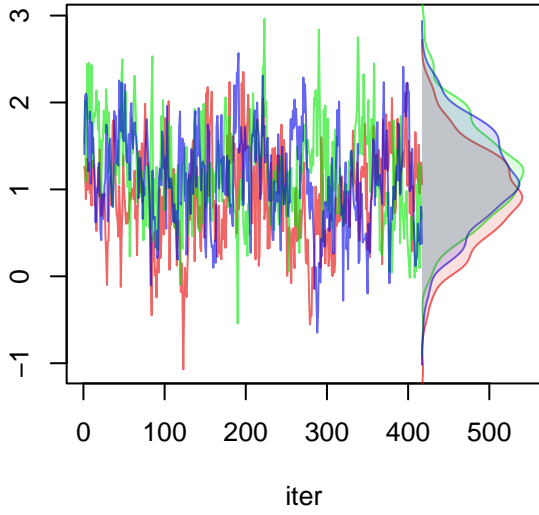
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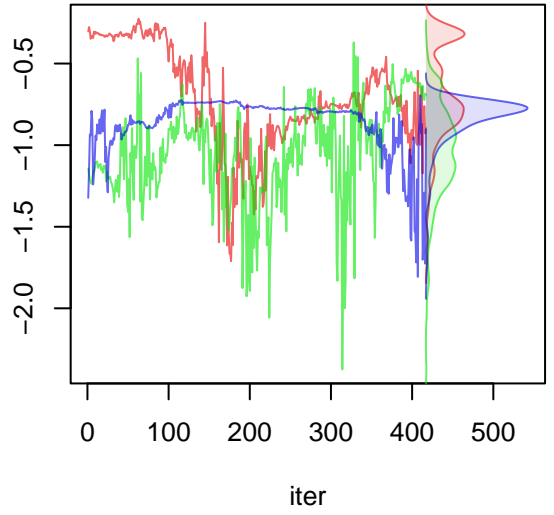
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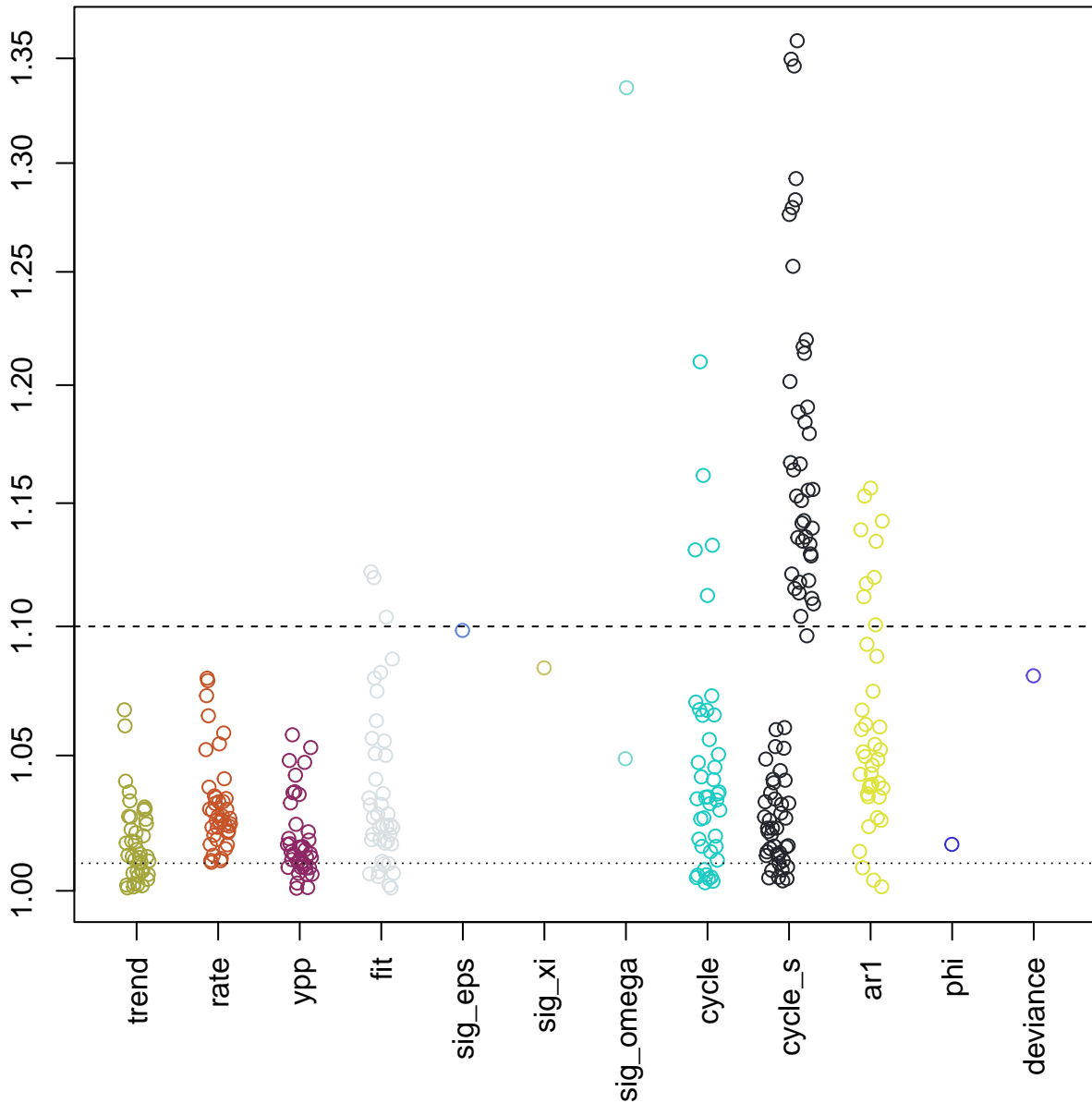
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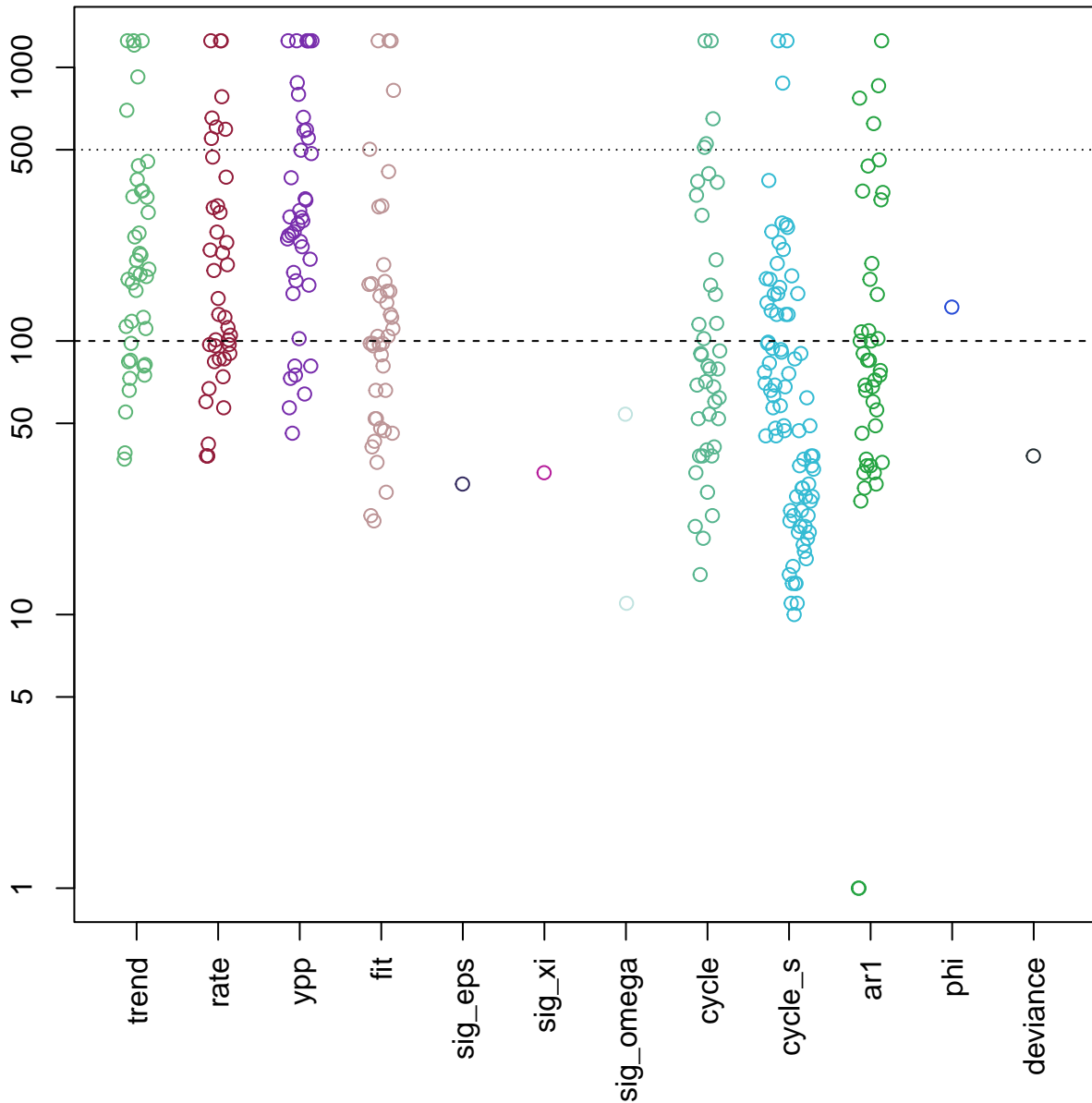
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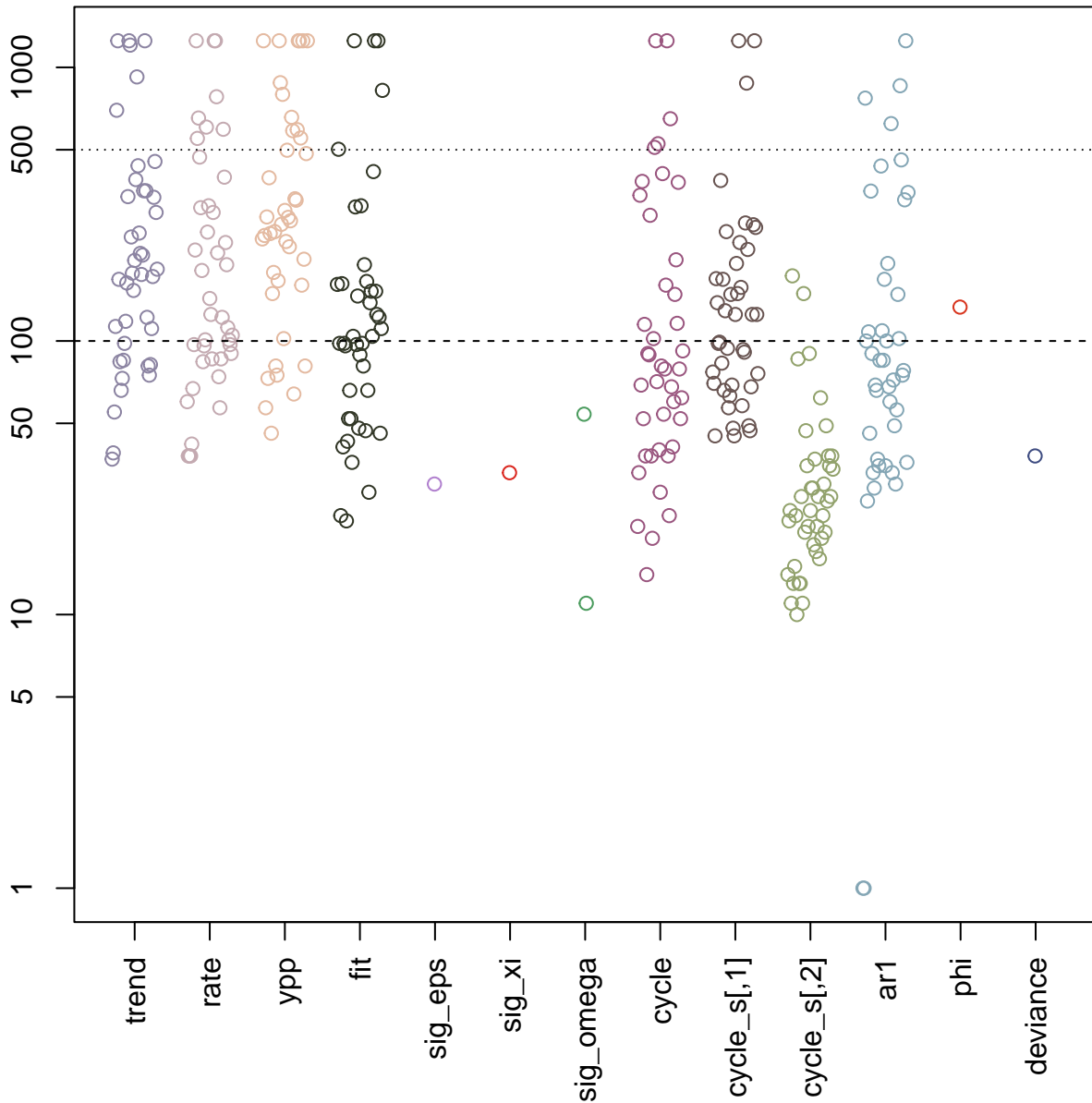
R hat



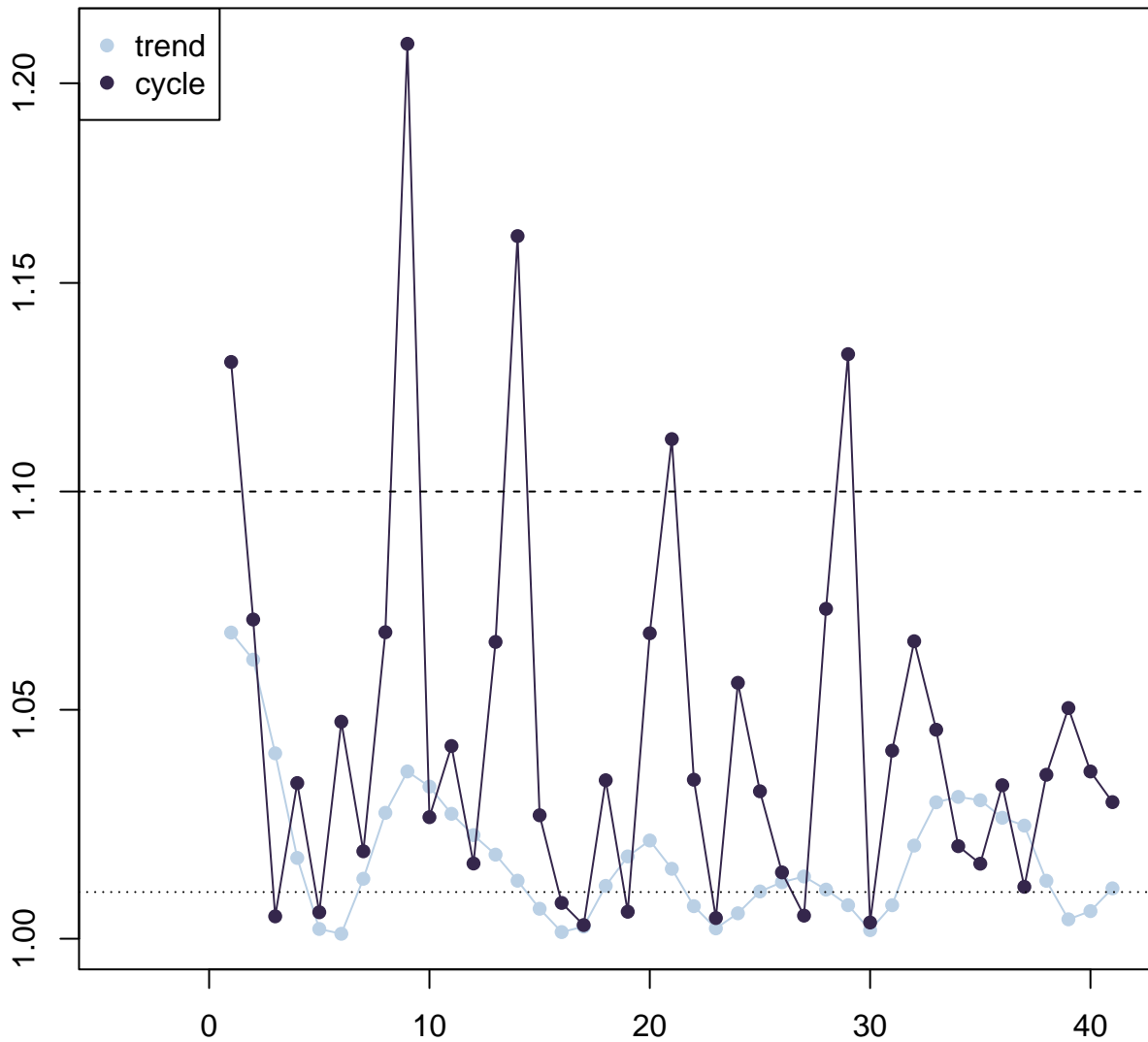
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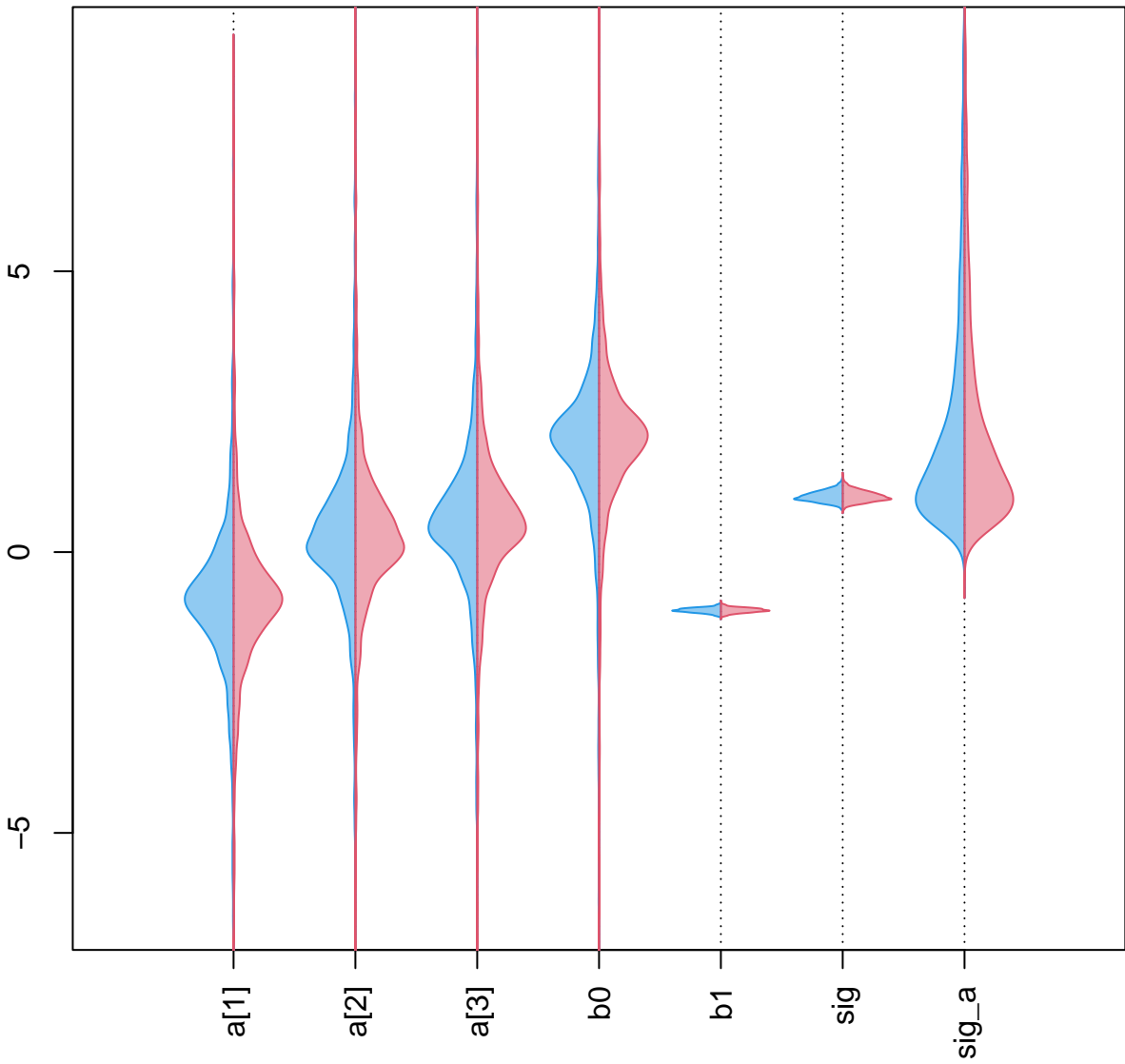


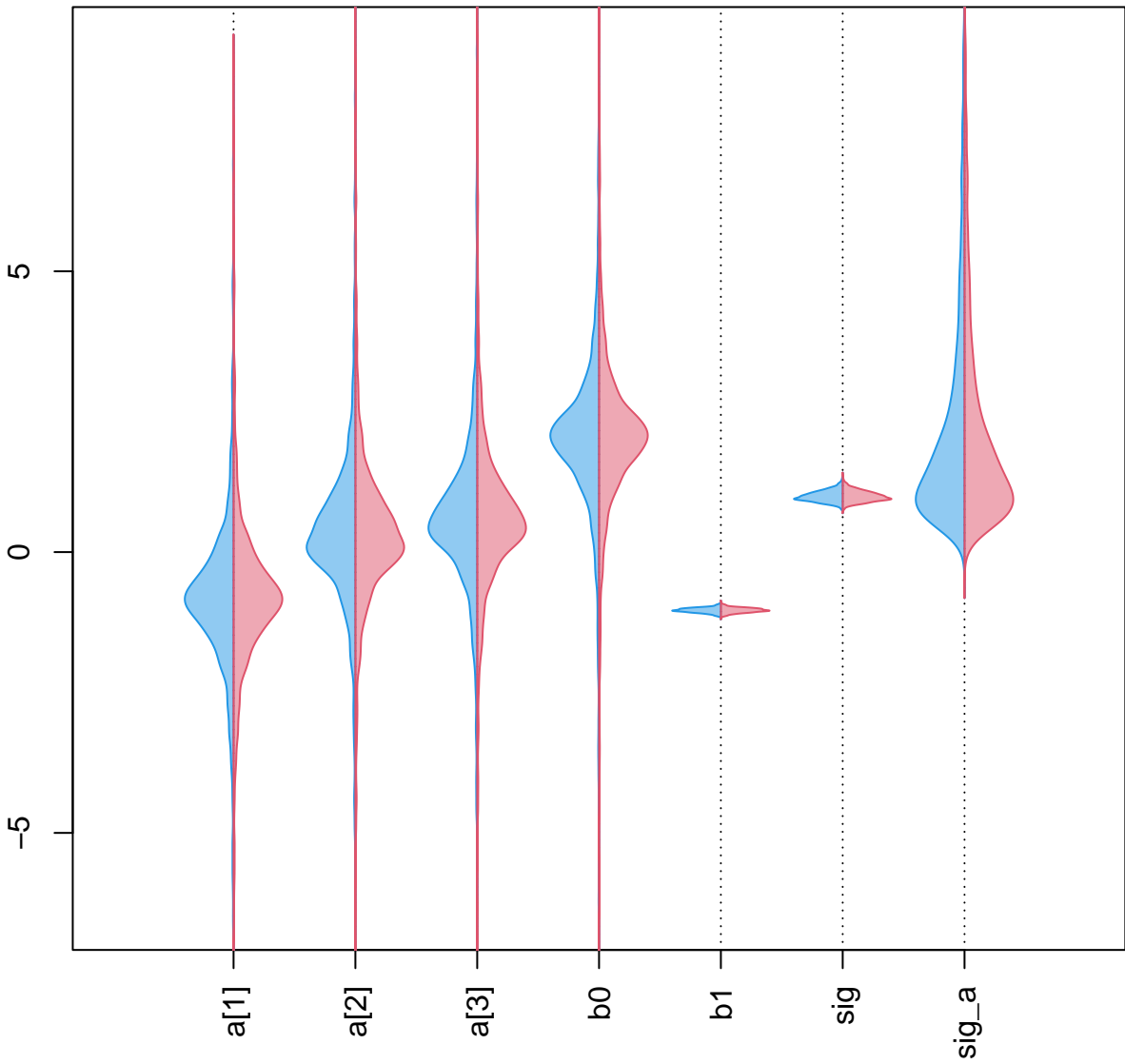
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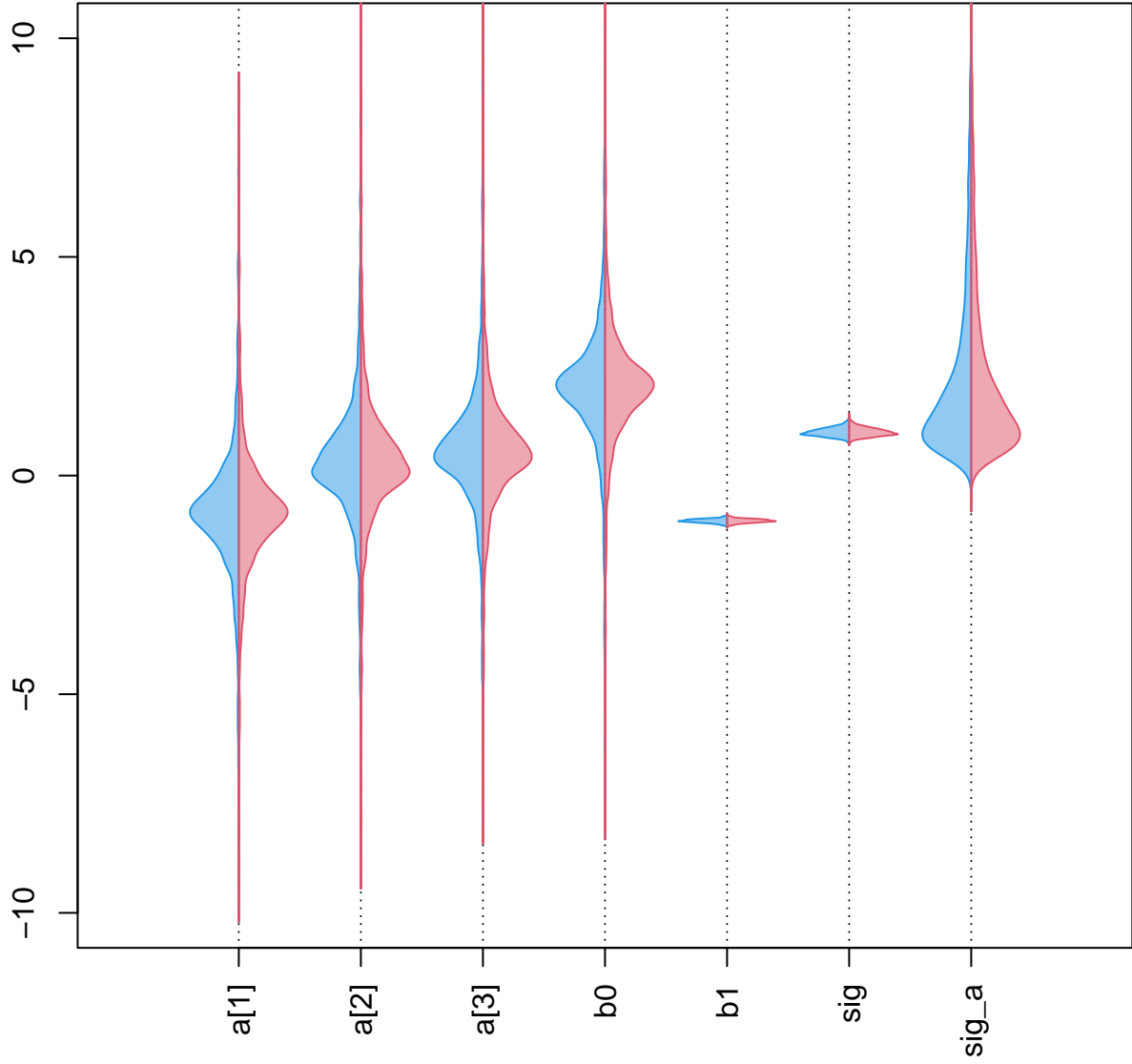


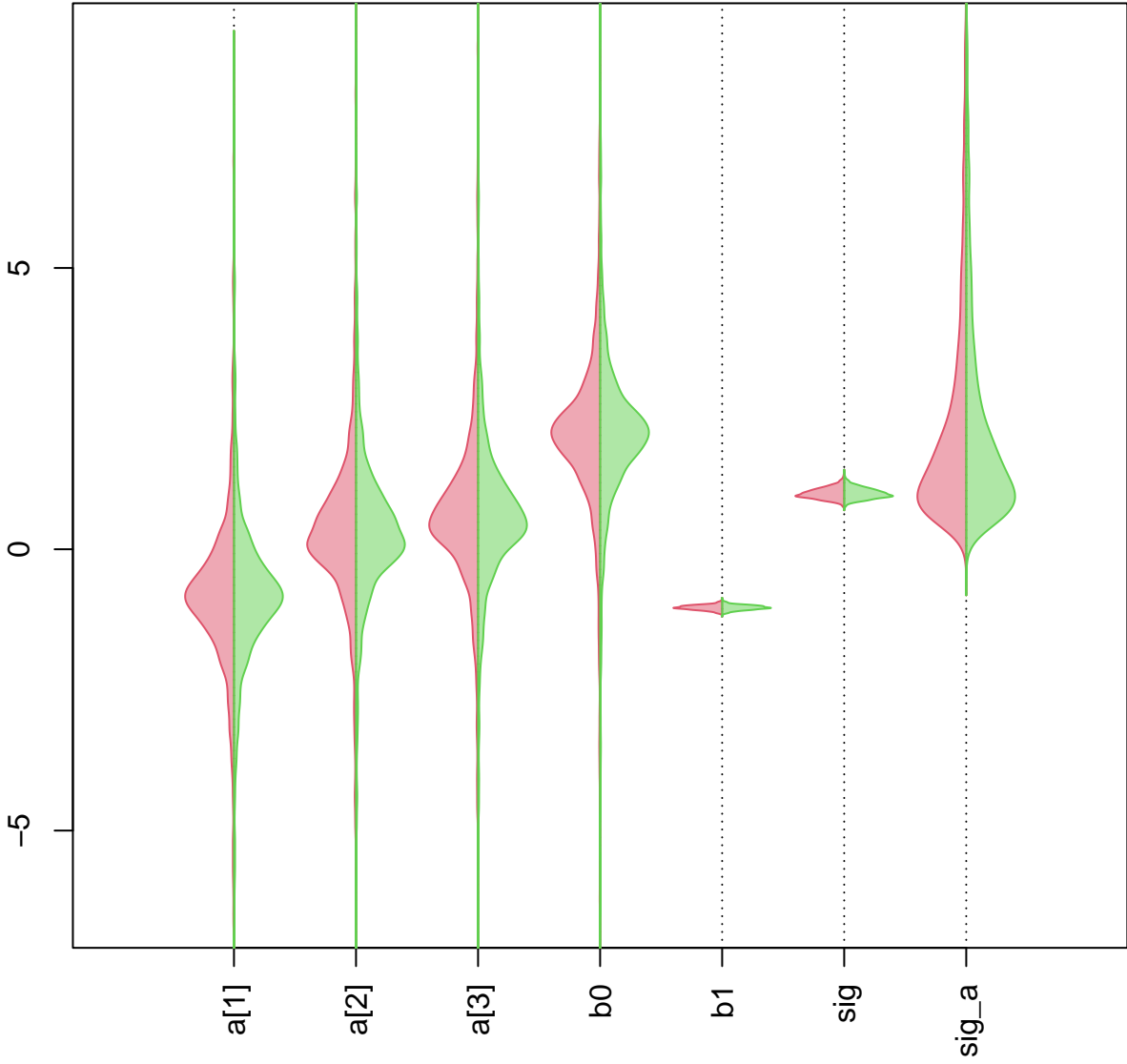
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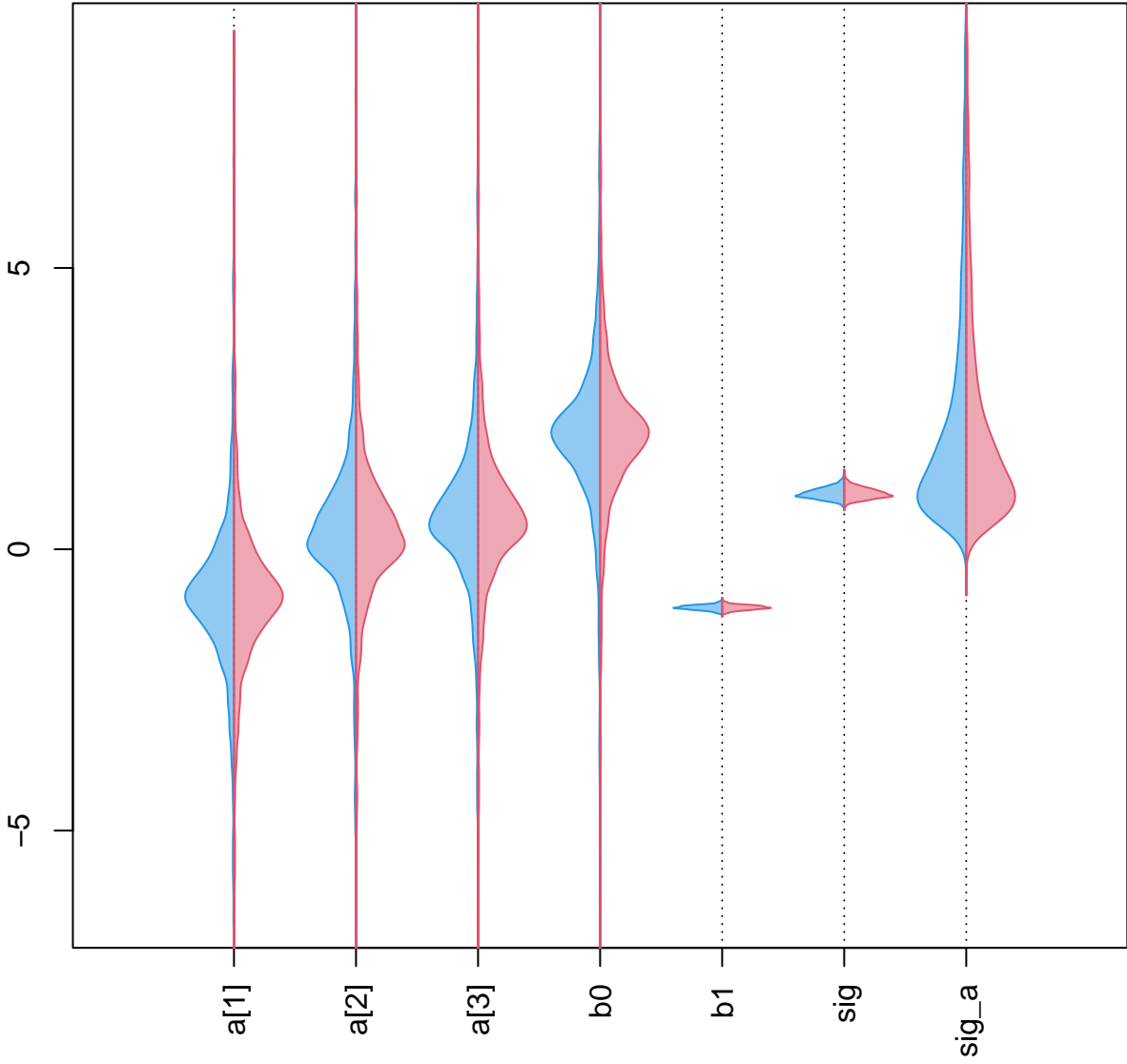


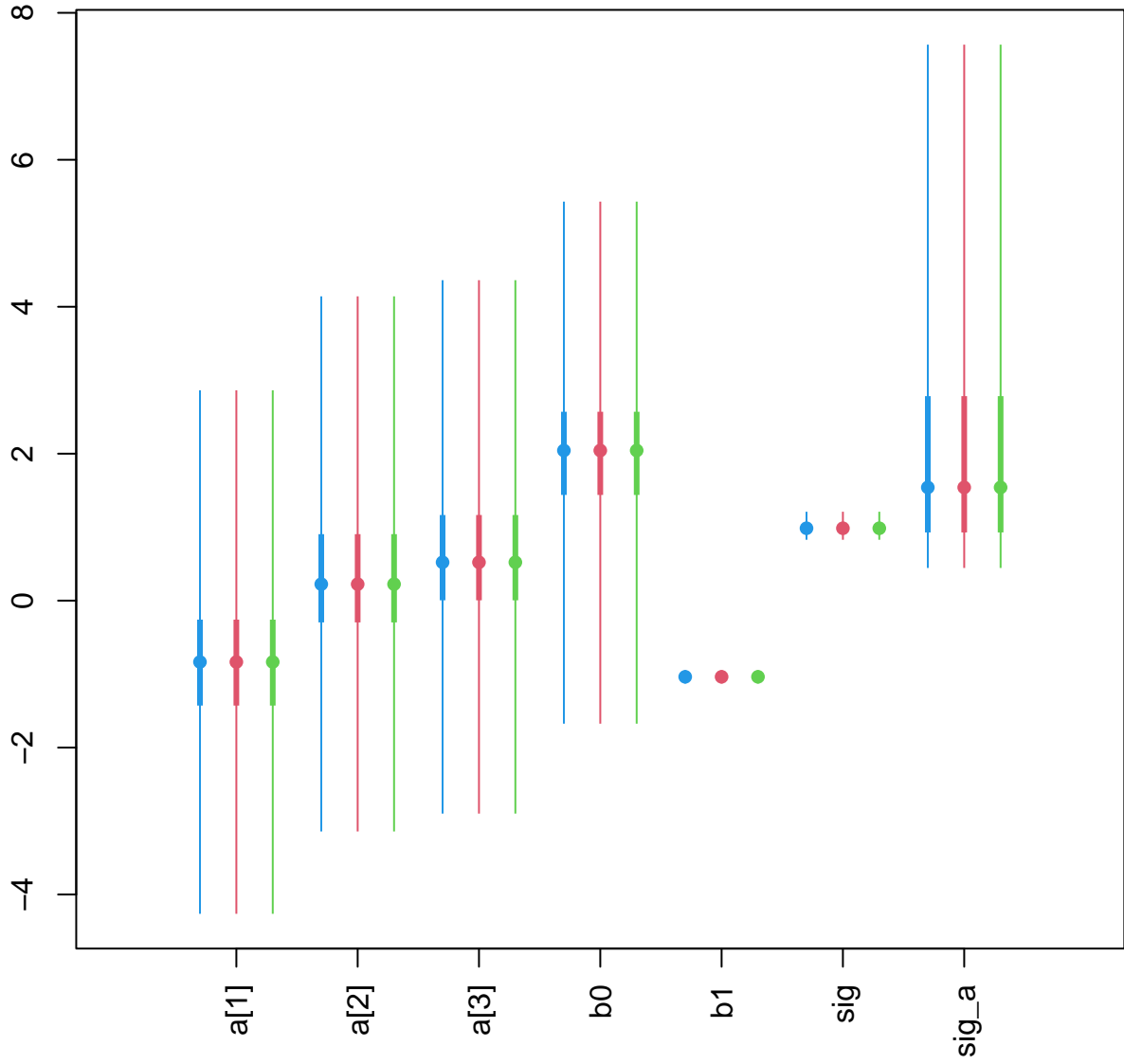


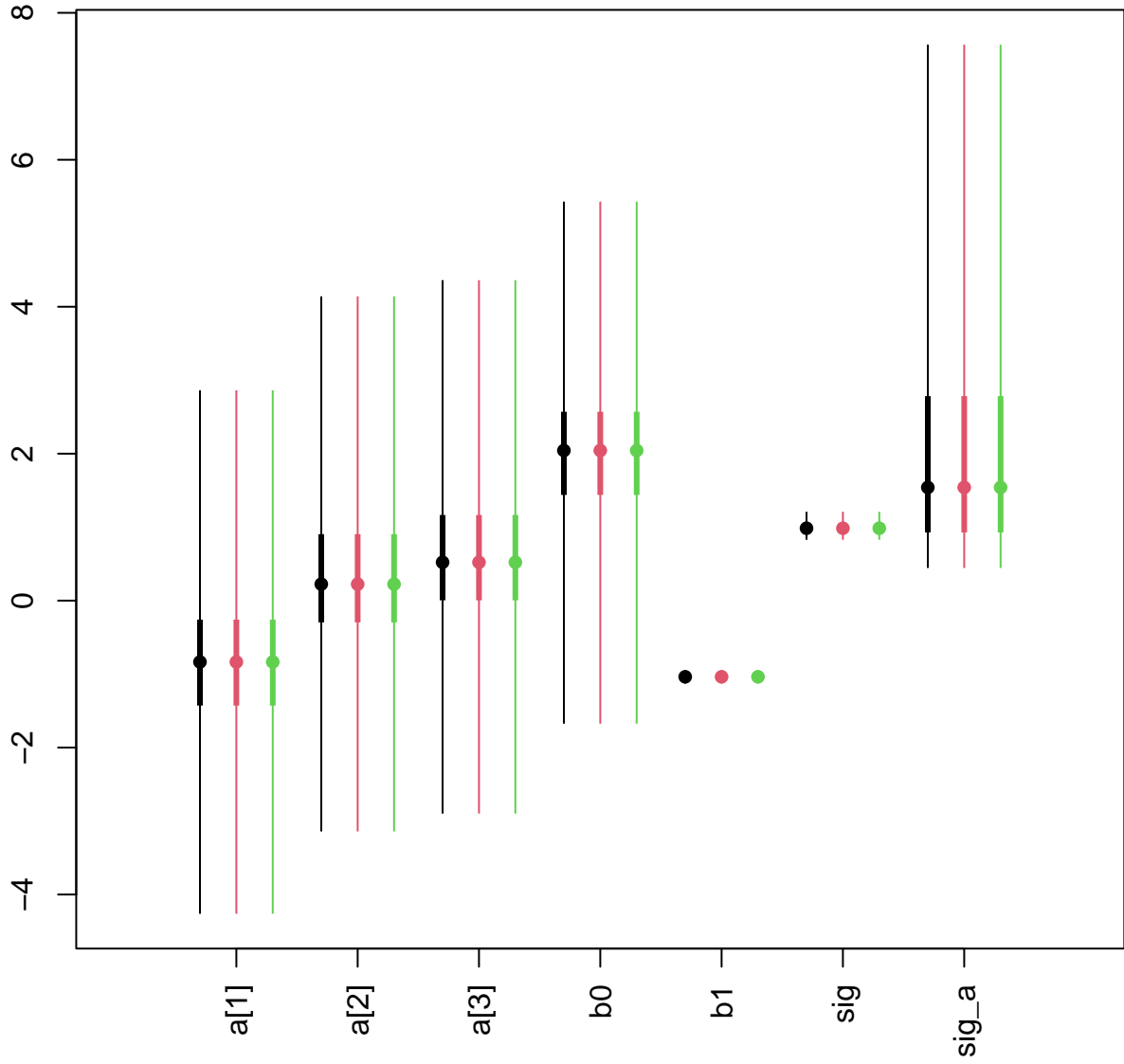


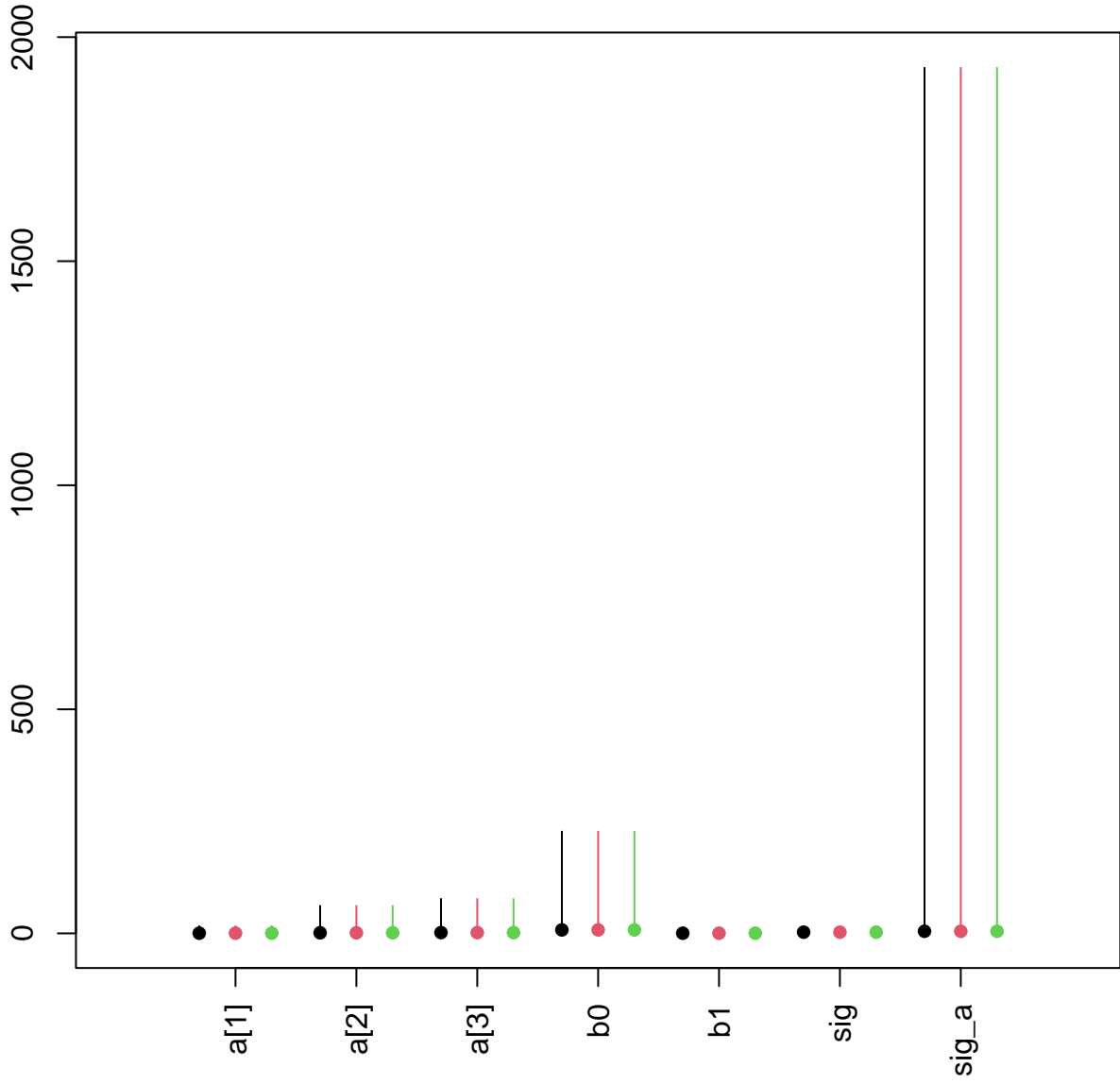


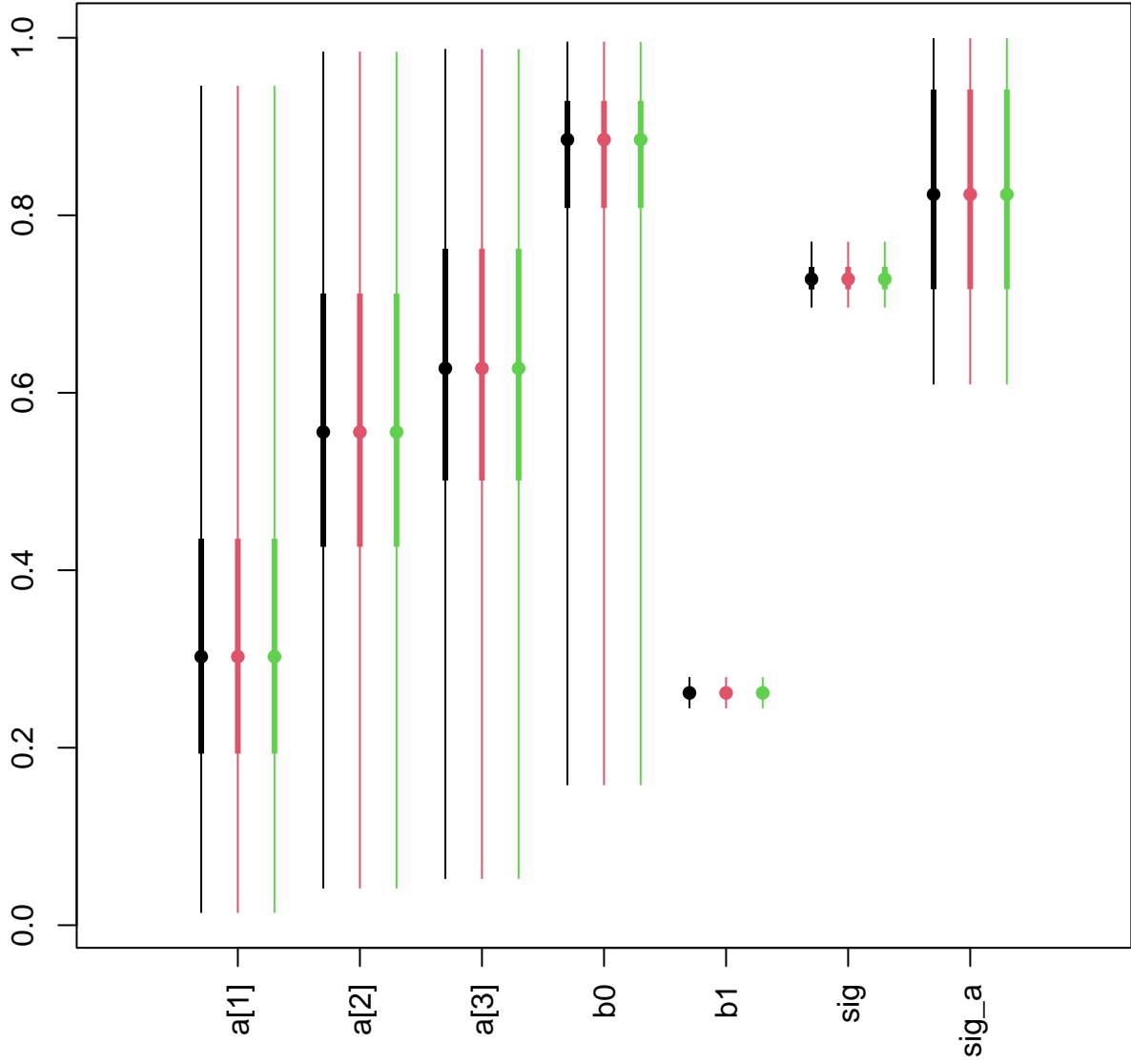


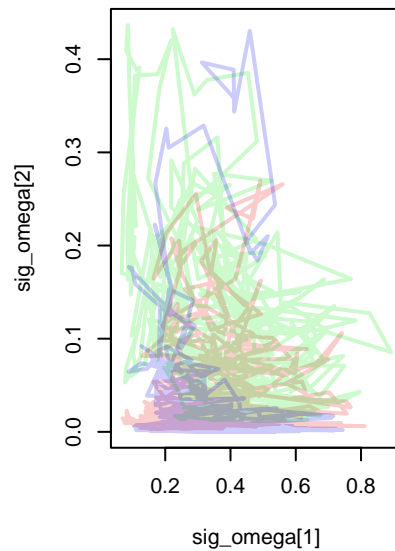
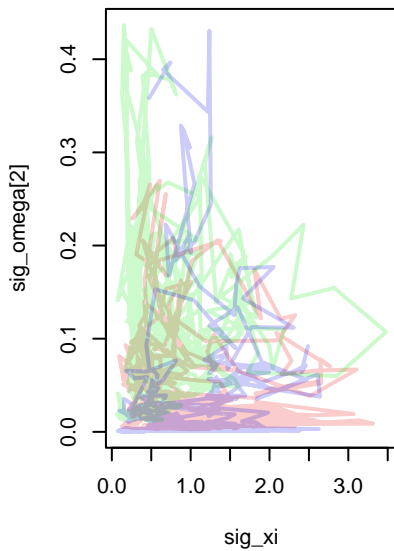
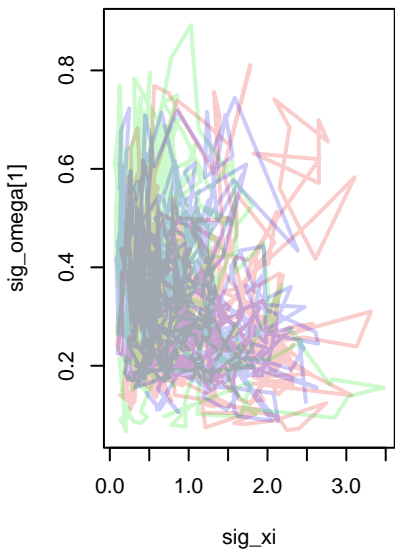
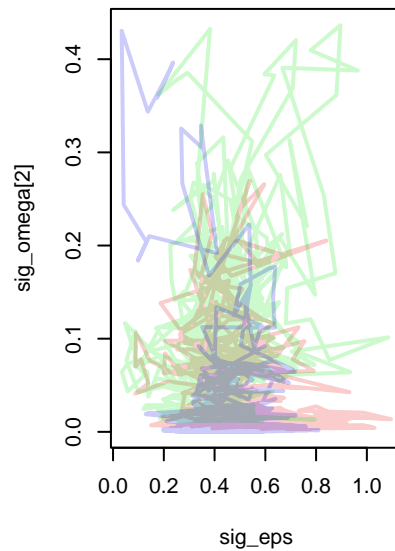
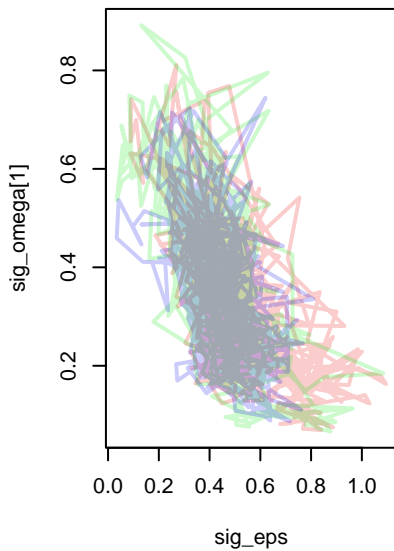
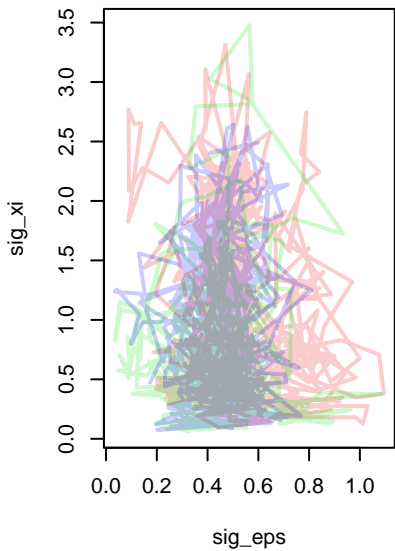


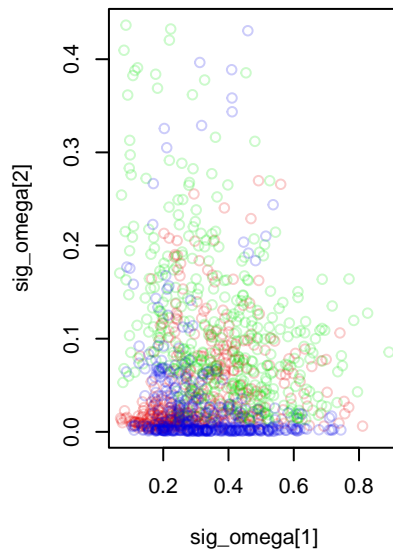
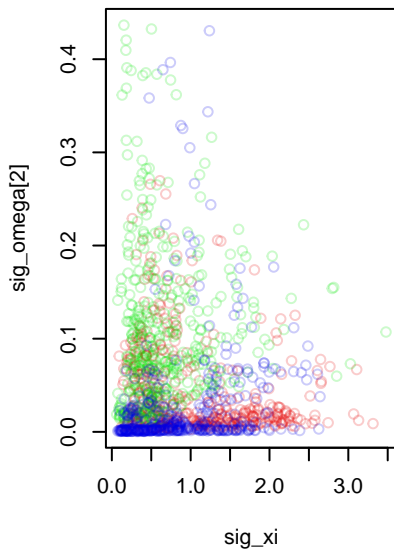
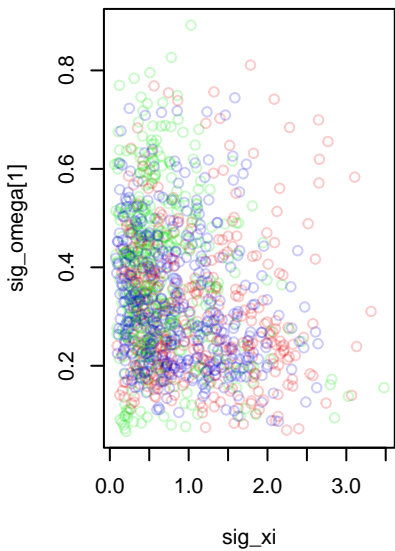
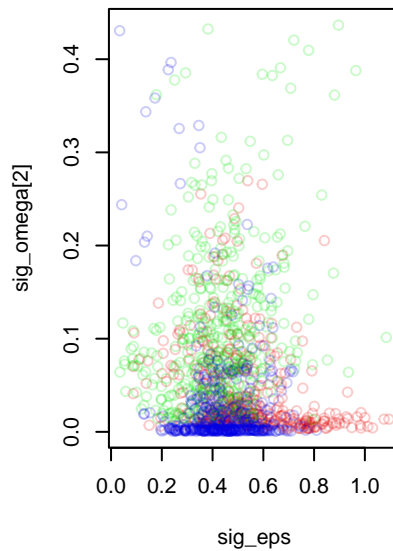
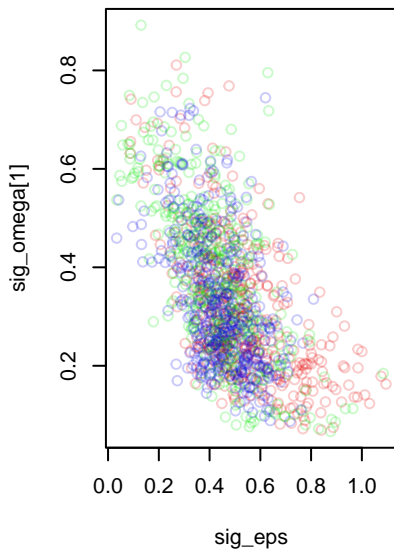
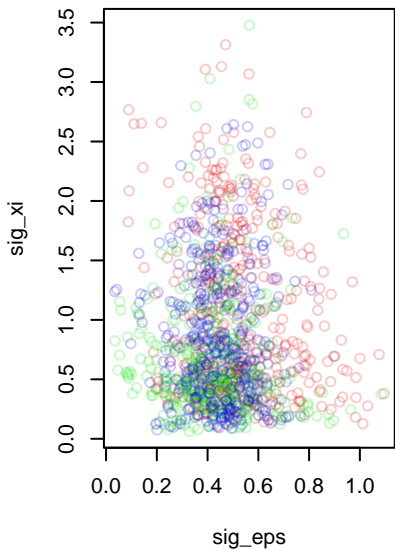


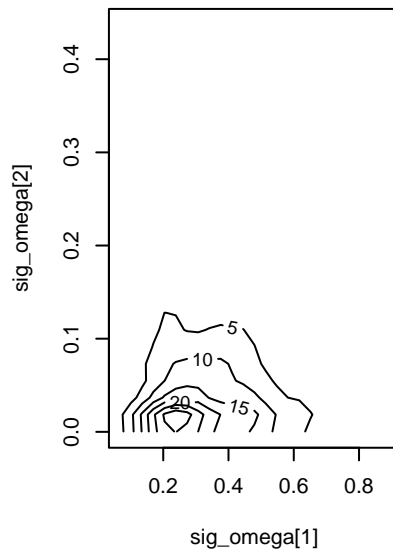
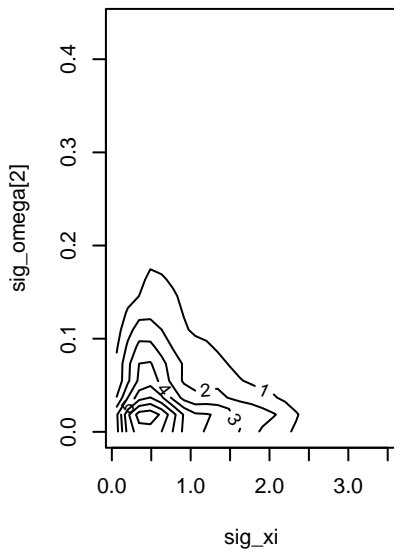
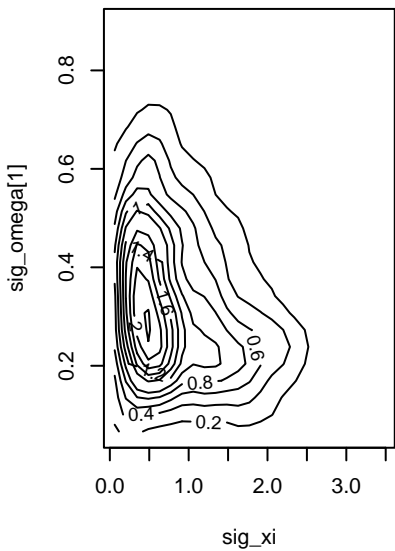
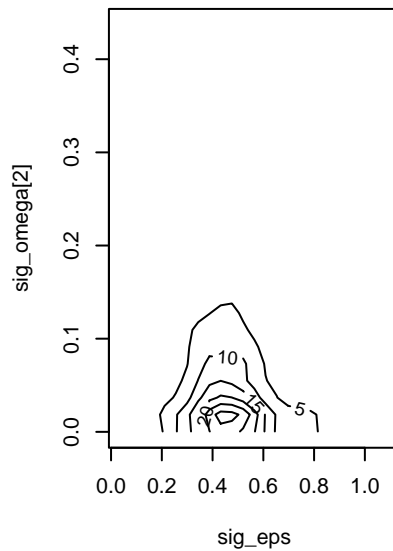
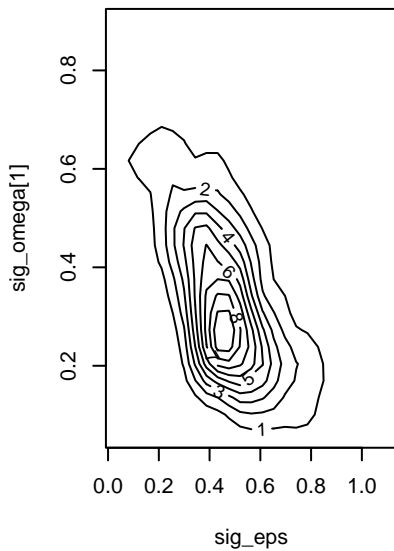
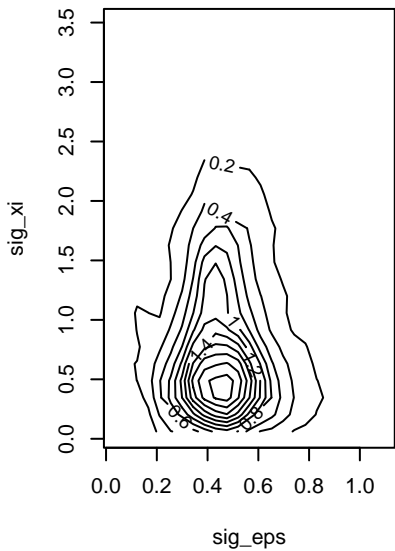


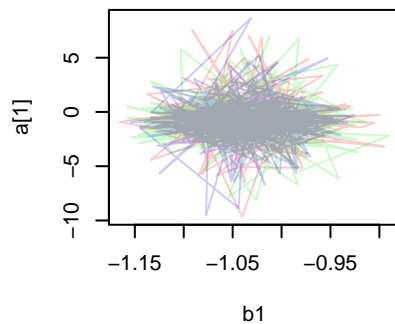
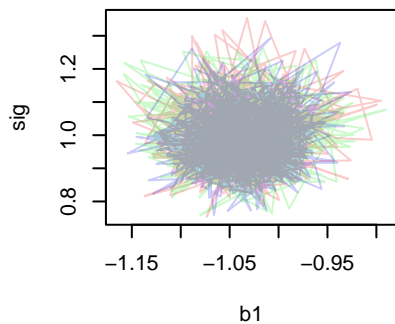
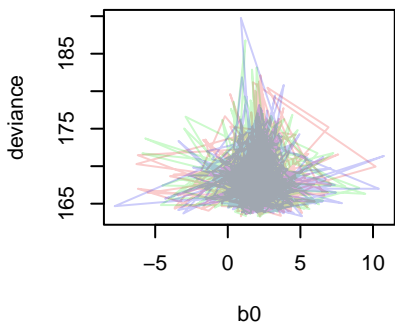
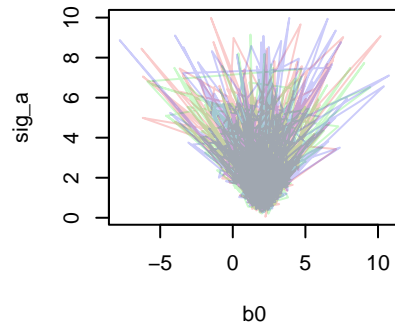
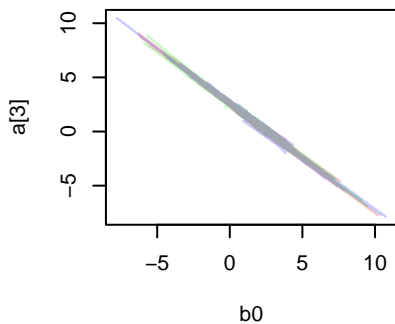
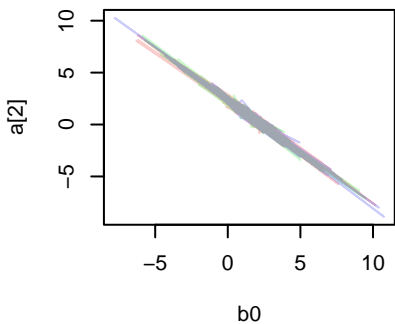
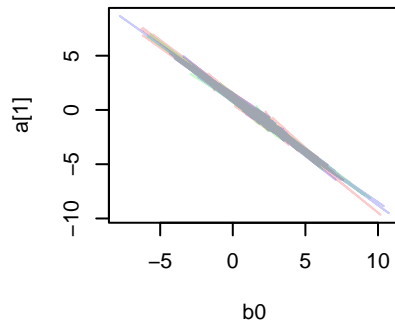
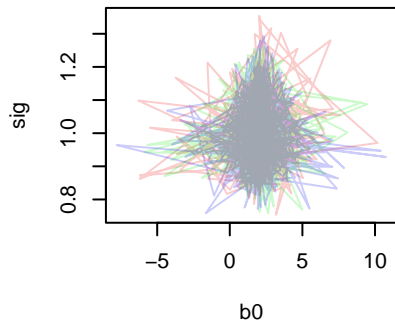
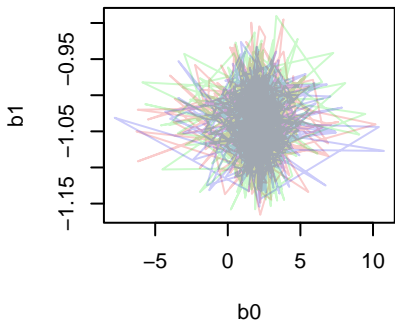


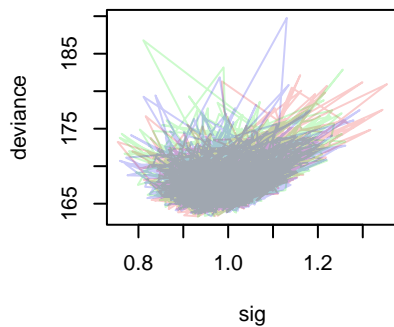
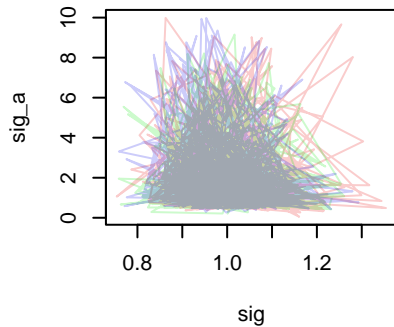
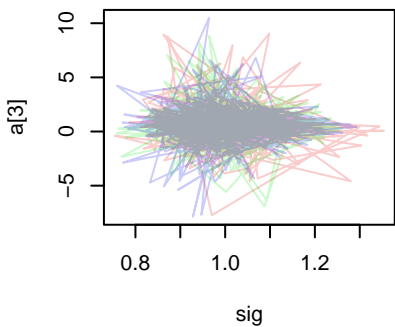
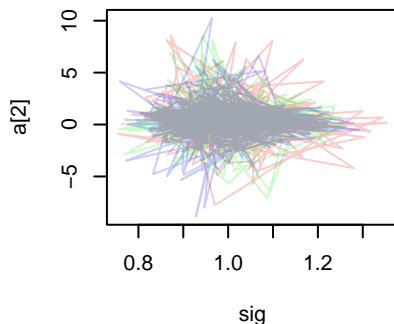
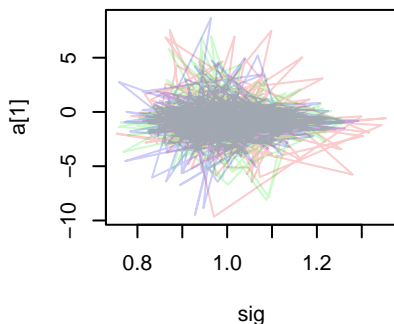
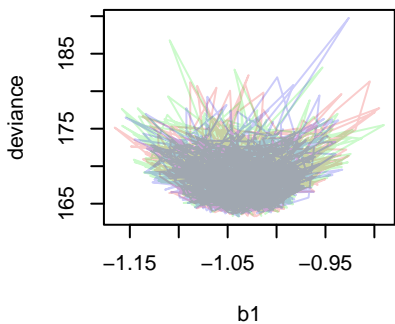
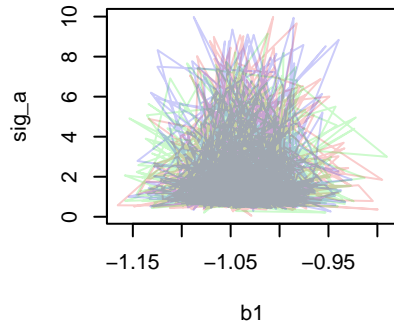
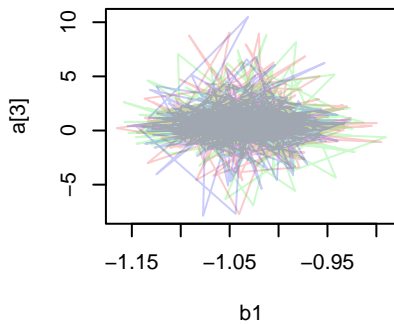
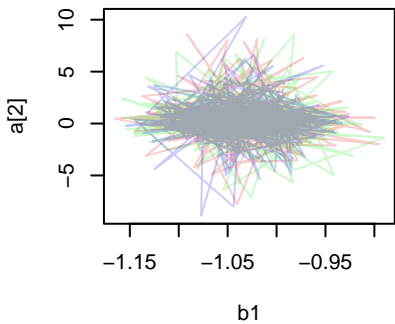


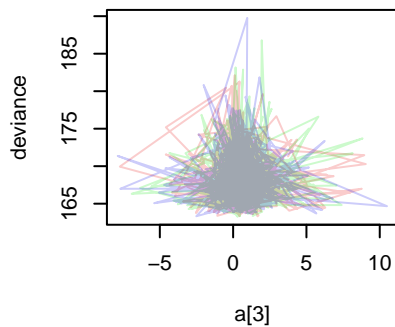
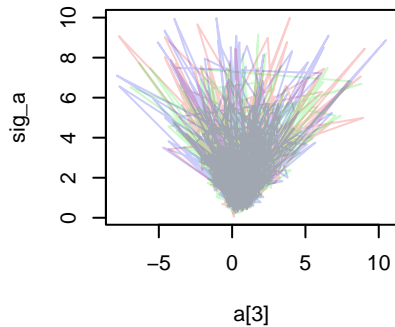
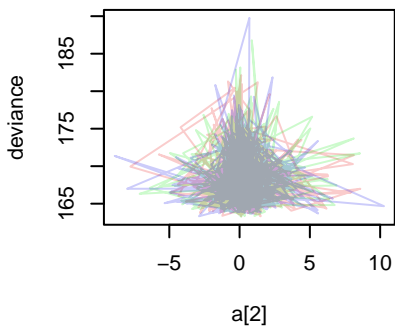
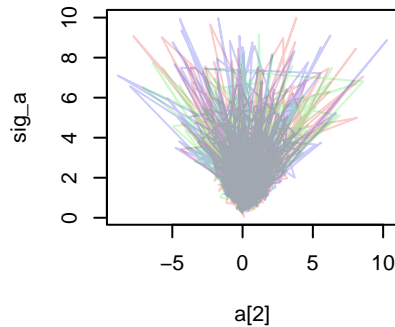
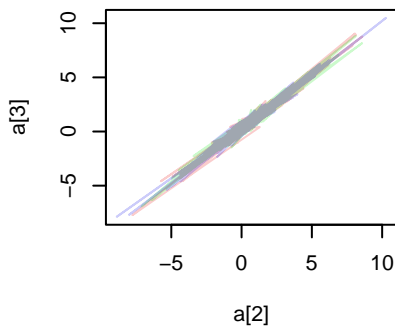
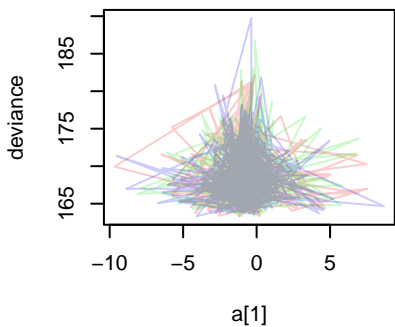
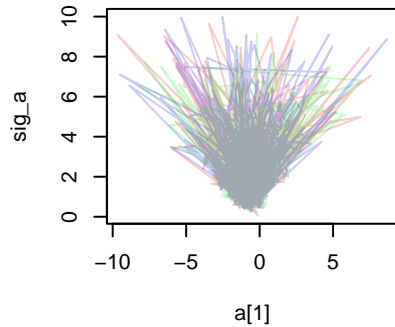
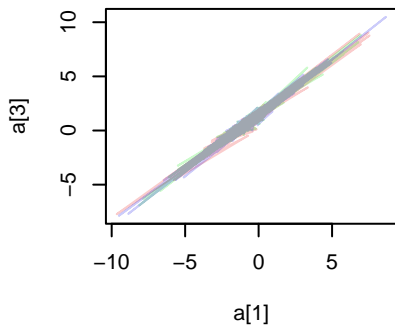
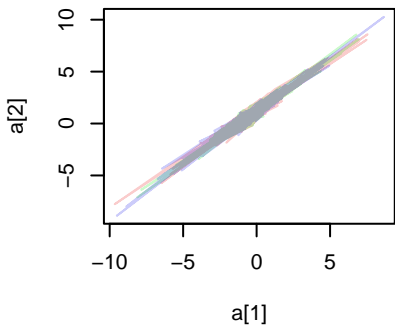


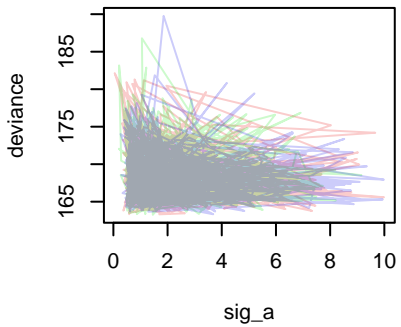


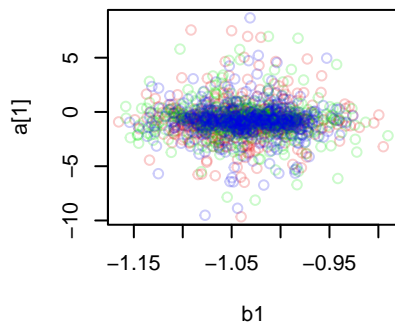
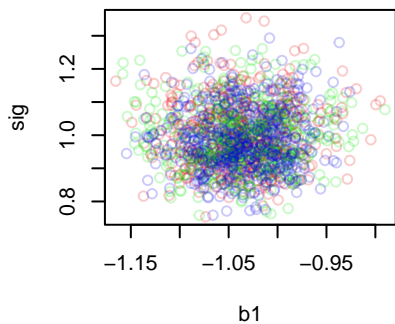
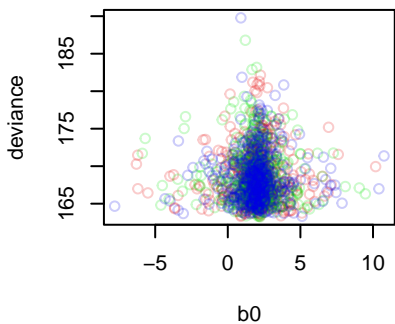
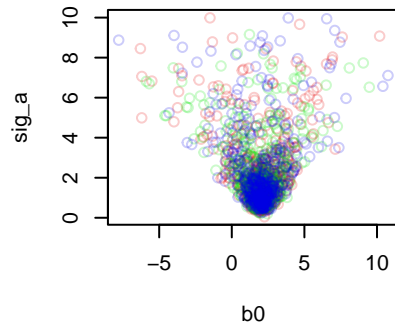
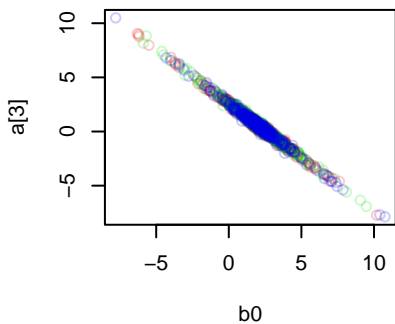
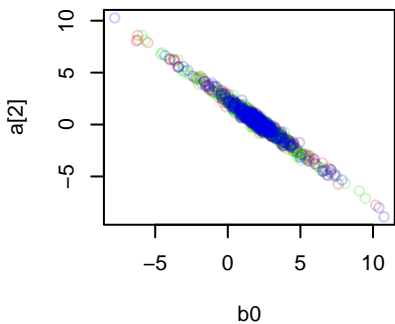
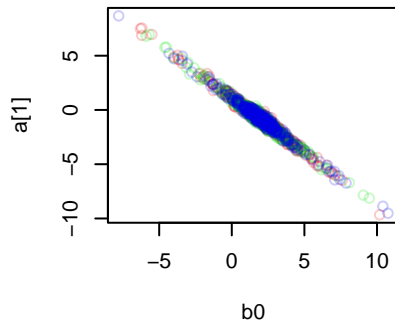
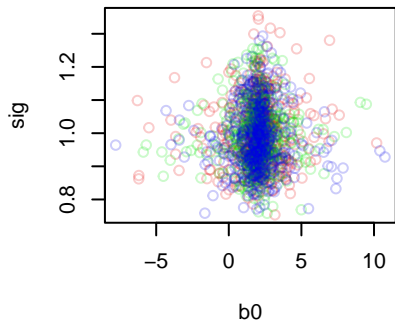
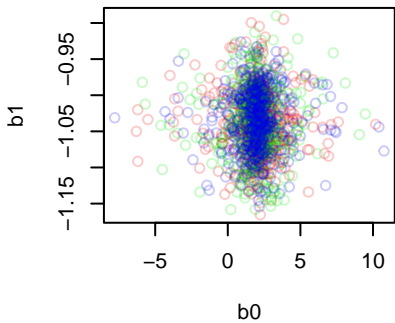


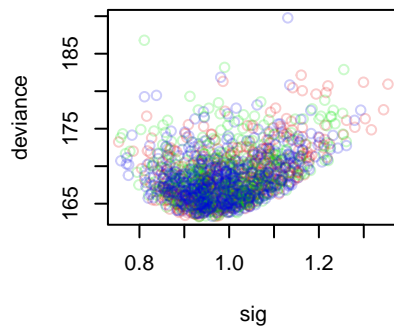
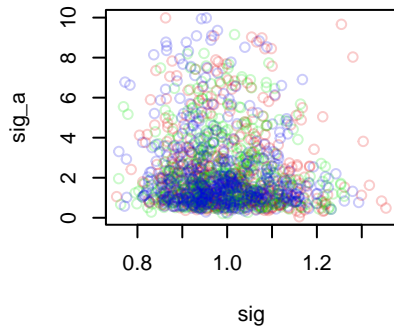
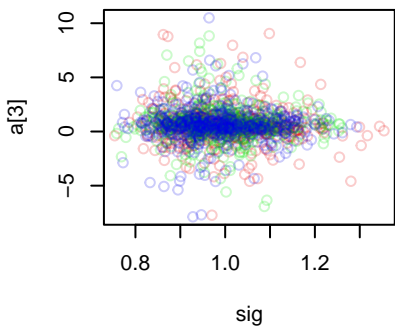
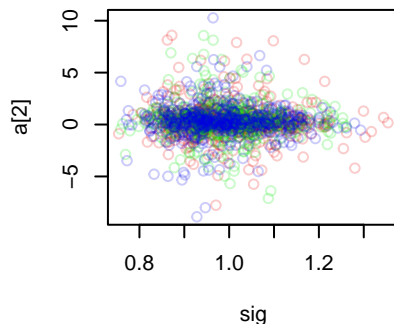
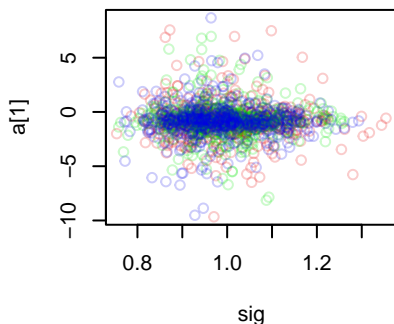
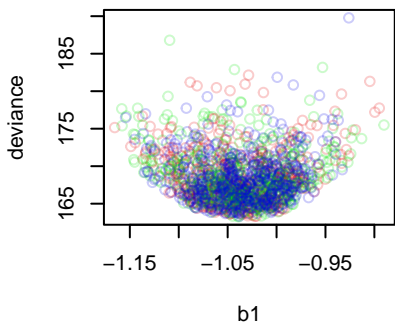
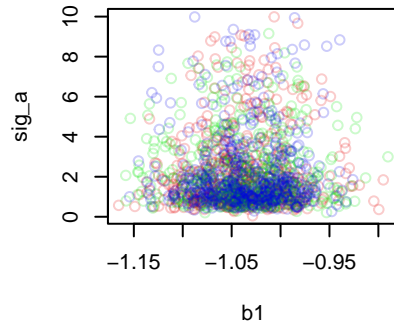
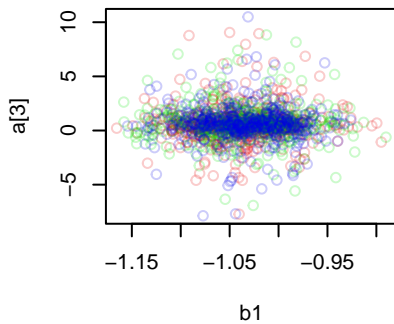
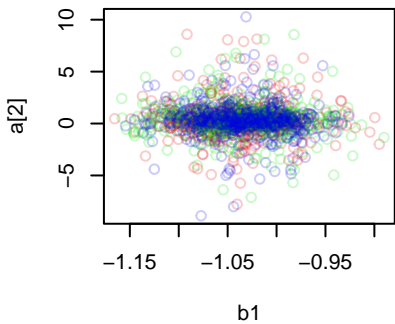


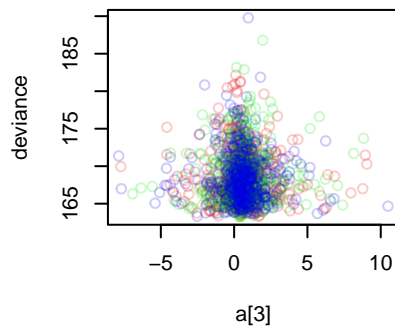
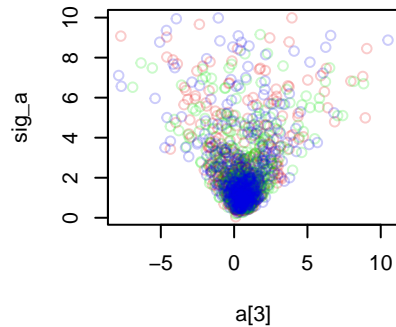
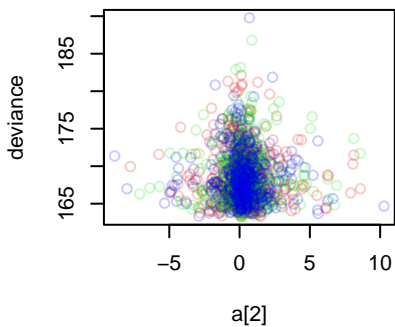
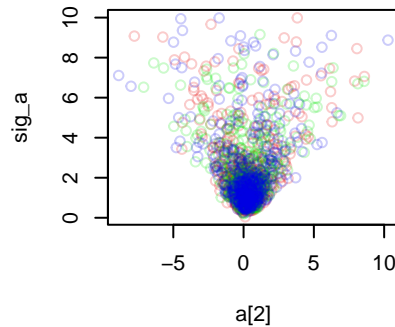
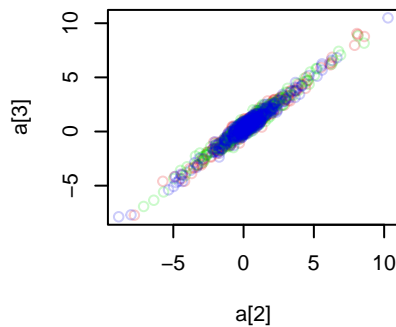
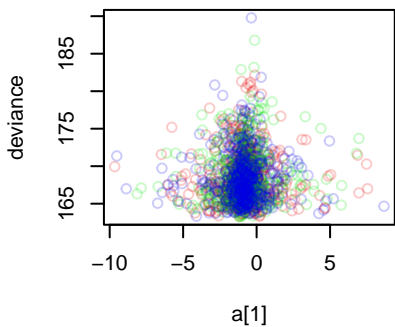
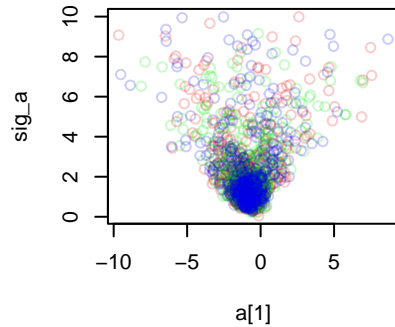
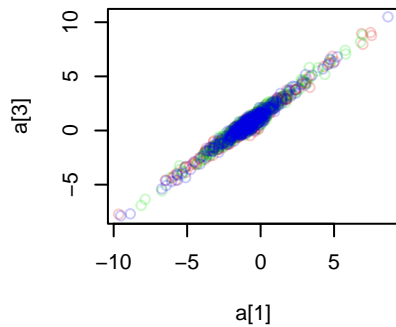
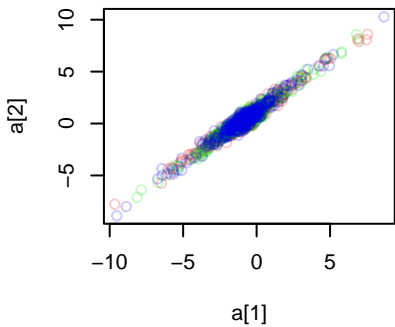


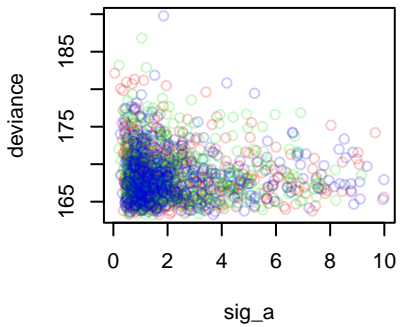


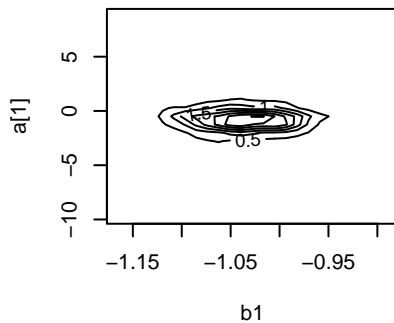
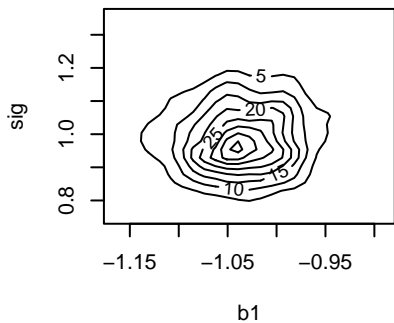
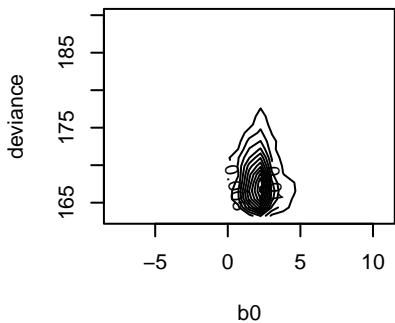
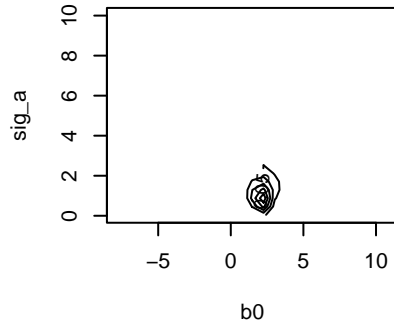
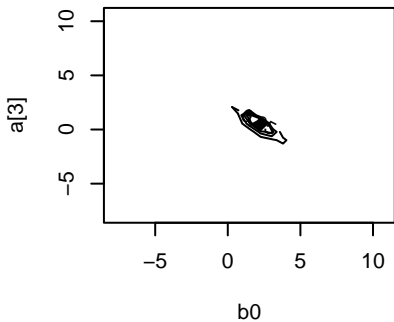
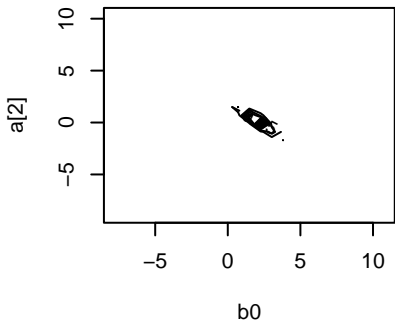
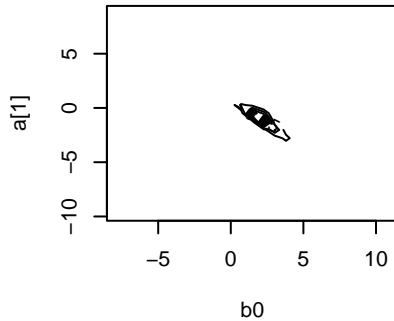
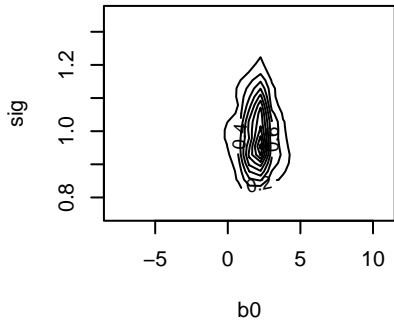
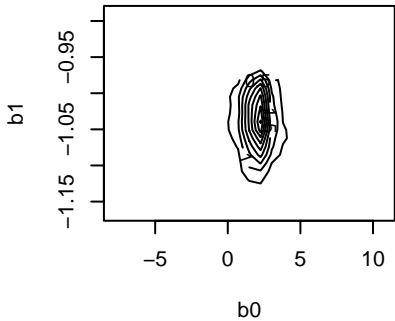


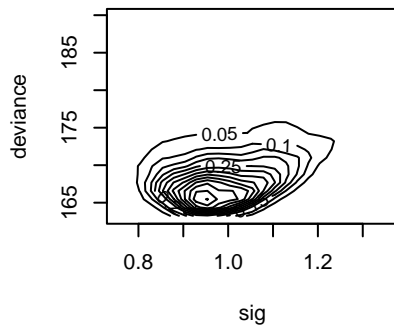
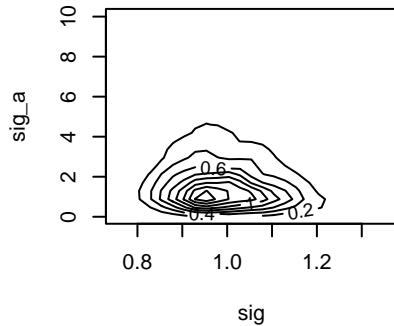
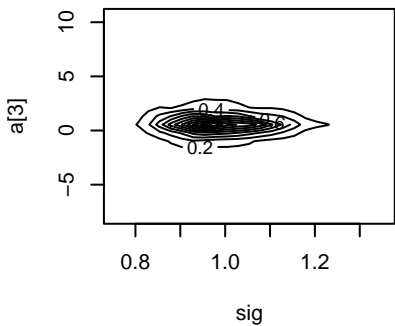
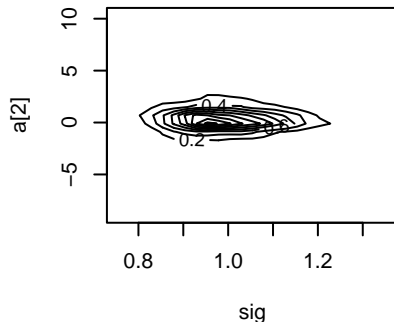
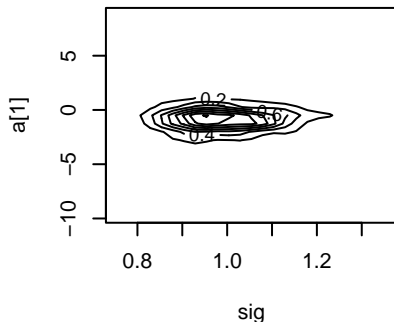
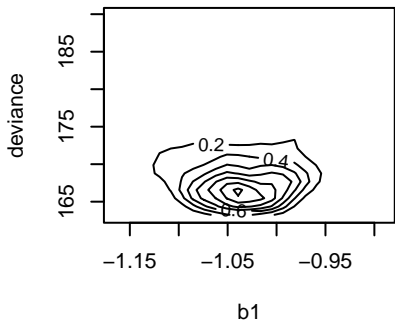
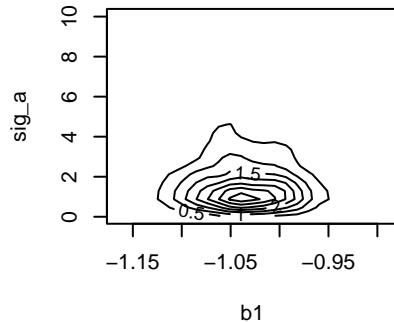
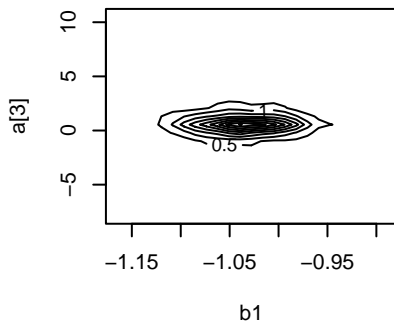
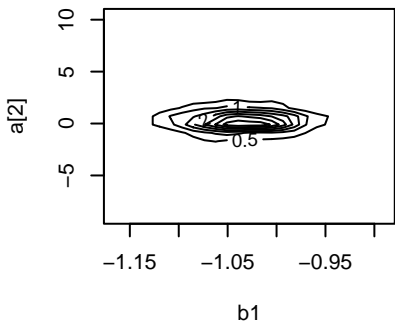


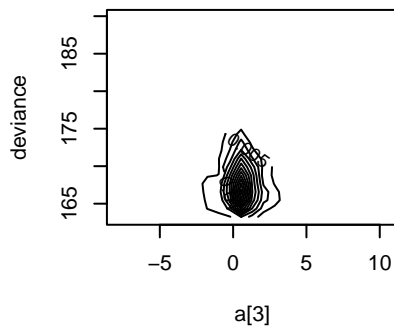
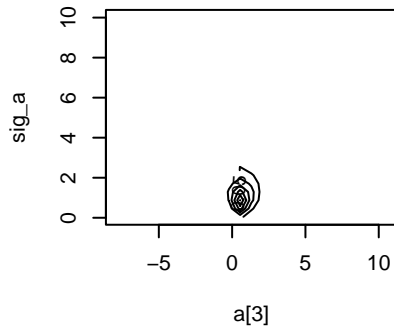
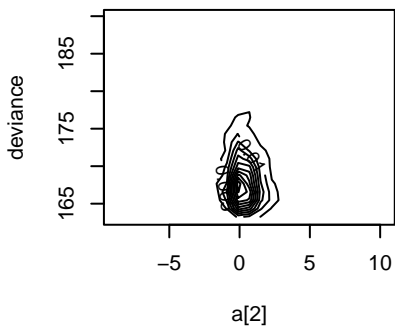
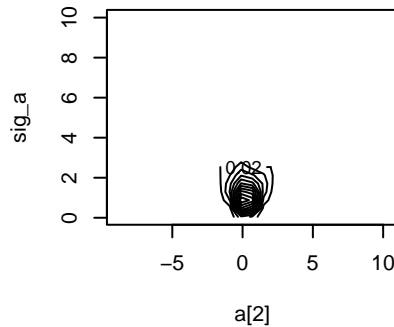
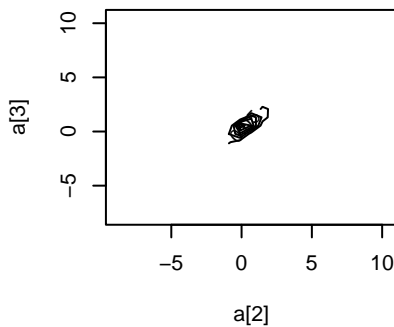
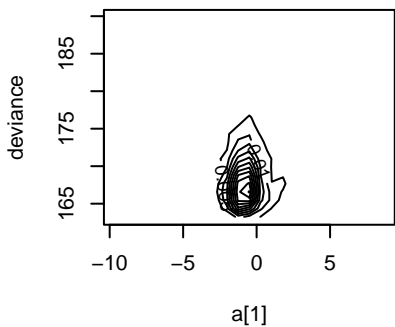
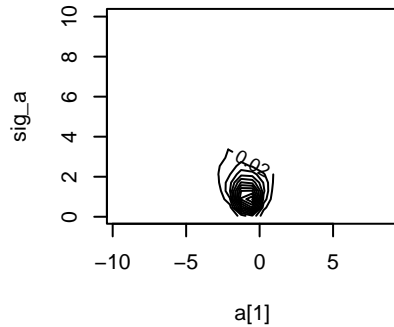
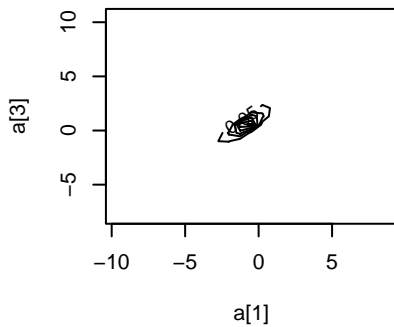
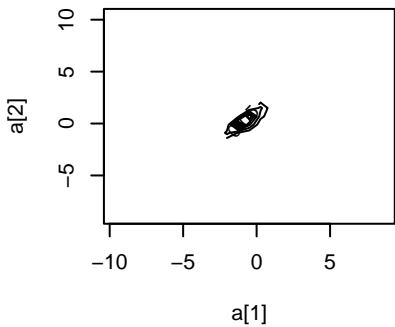


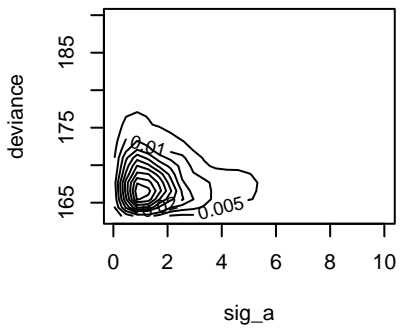


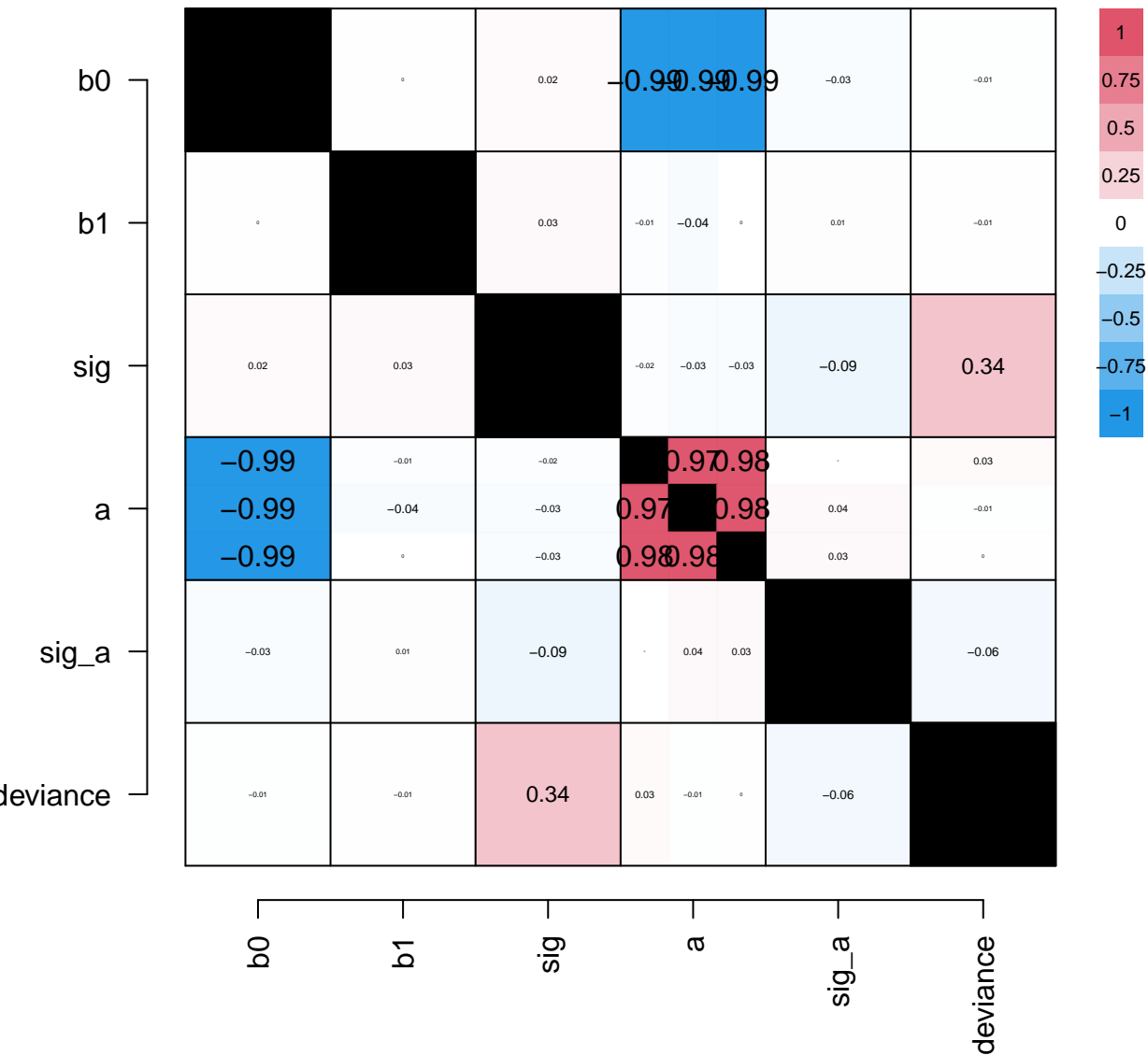


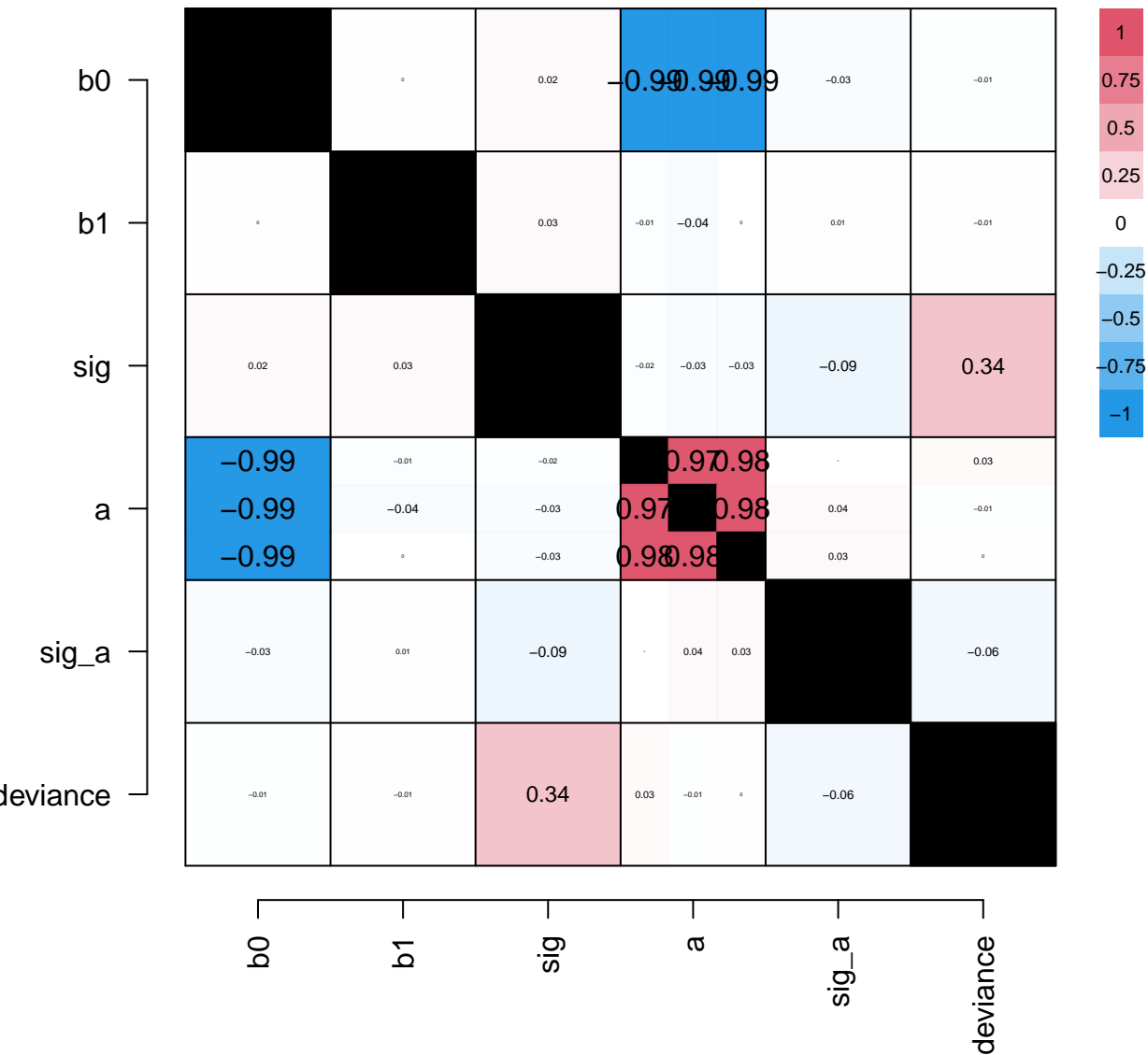


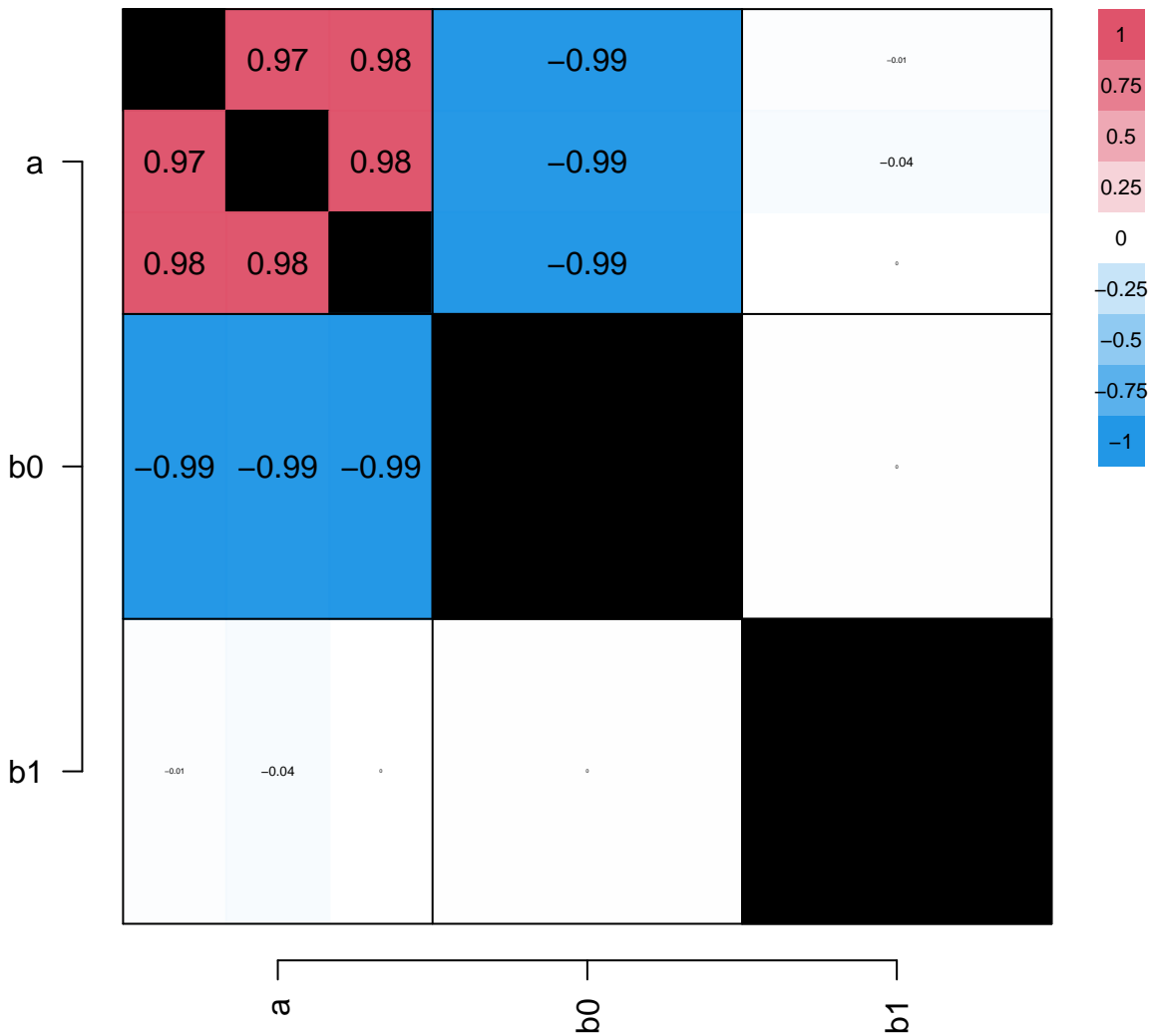


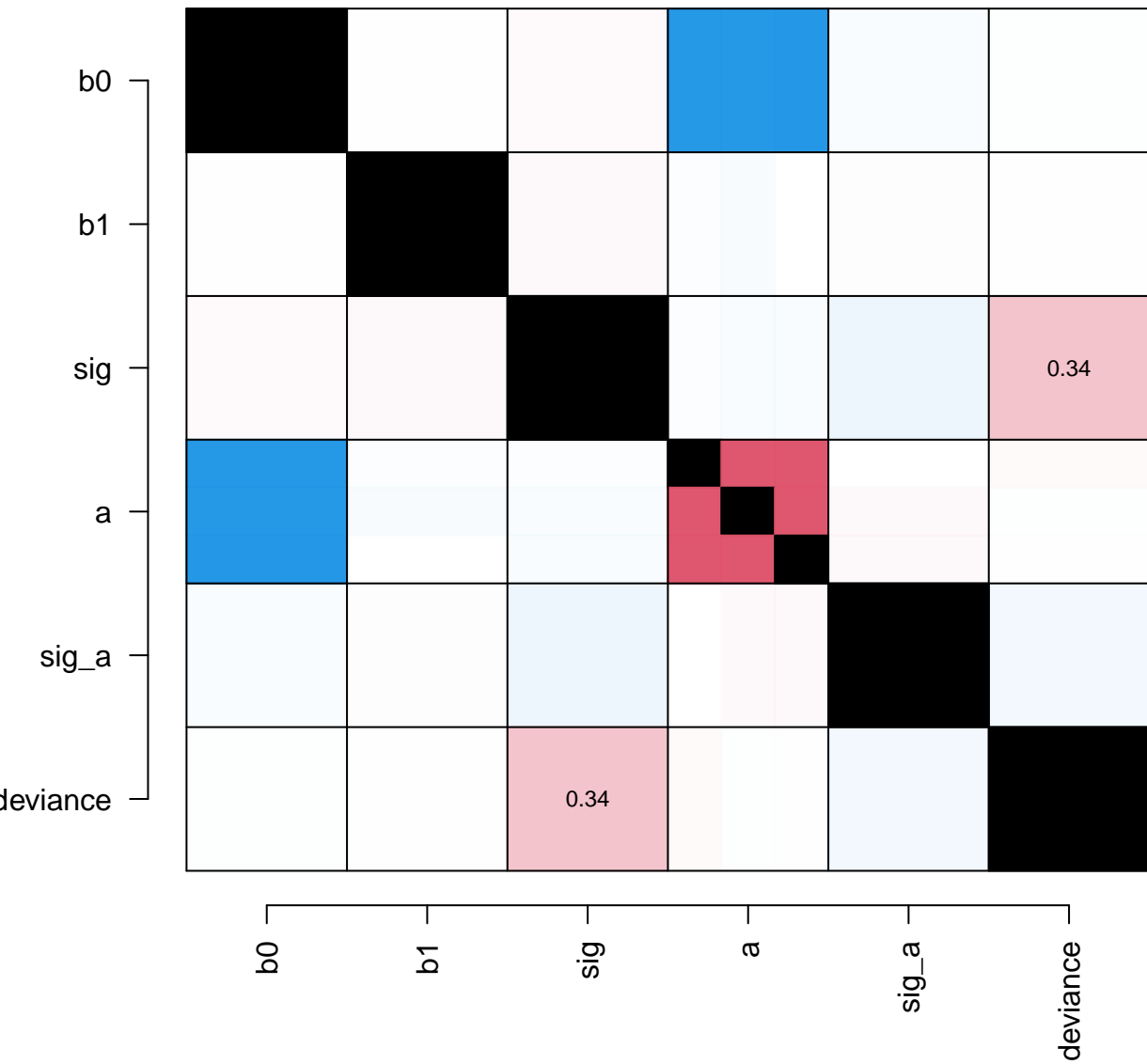




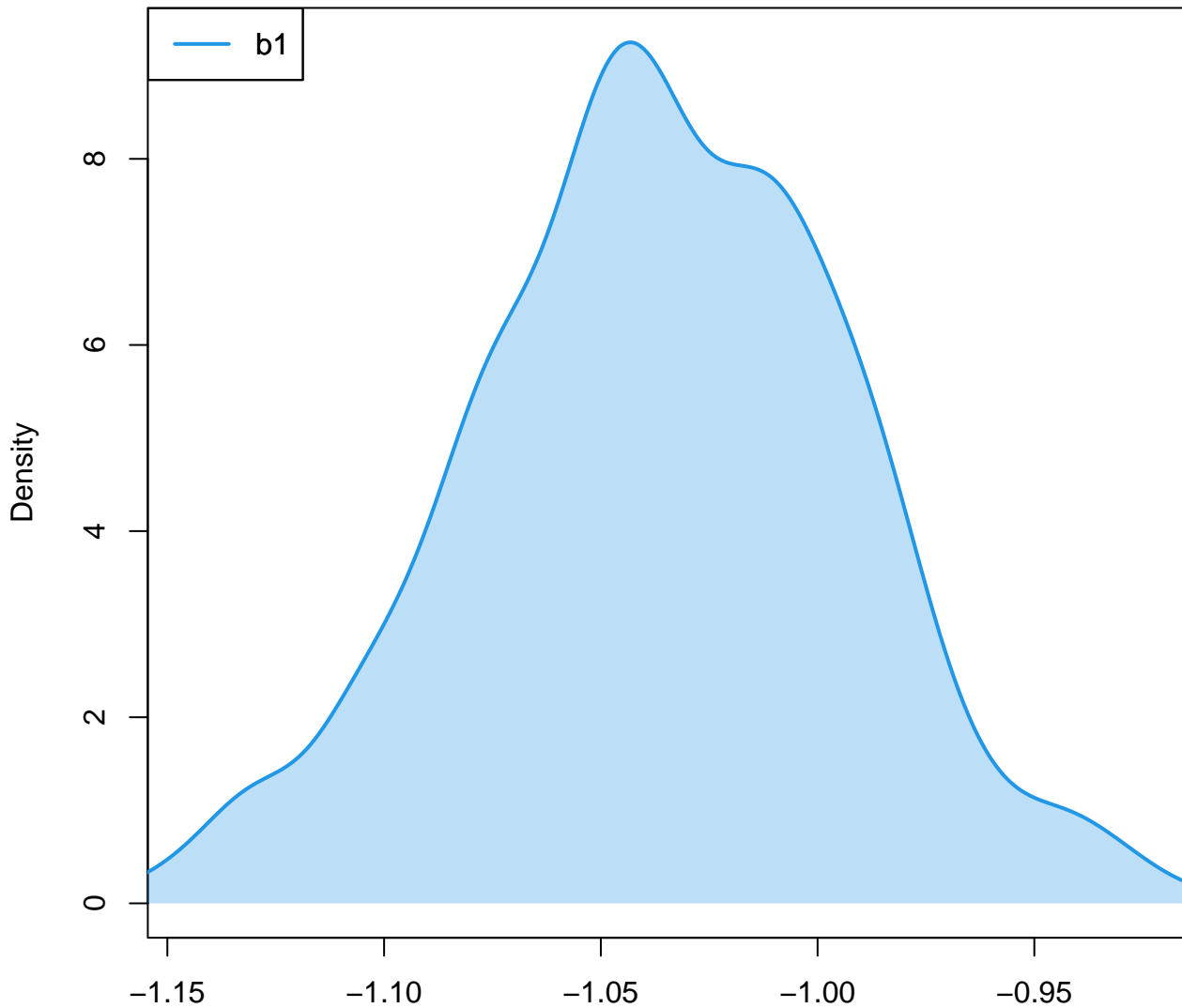




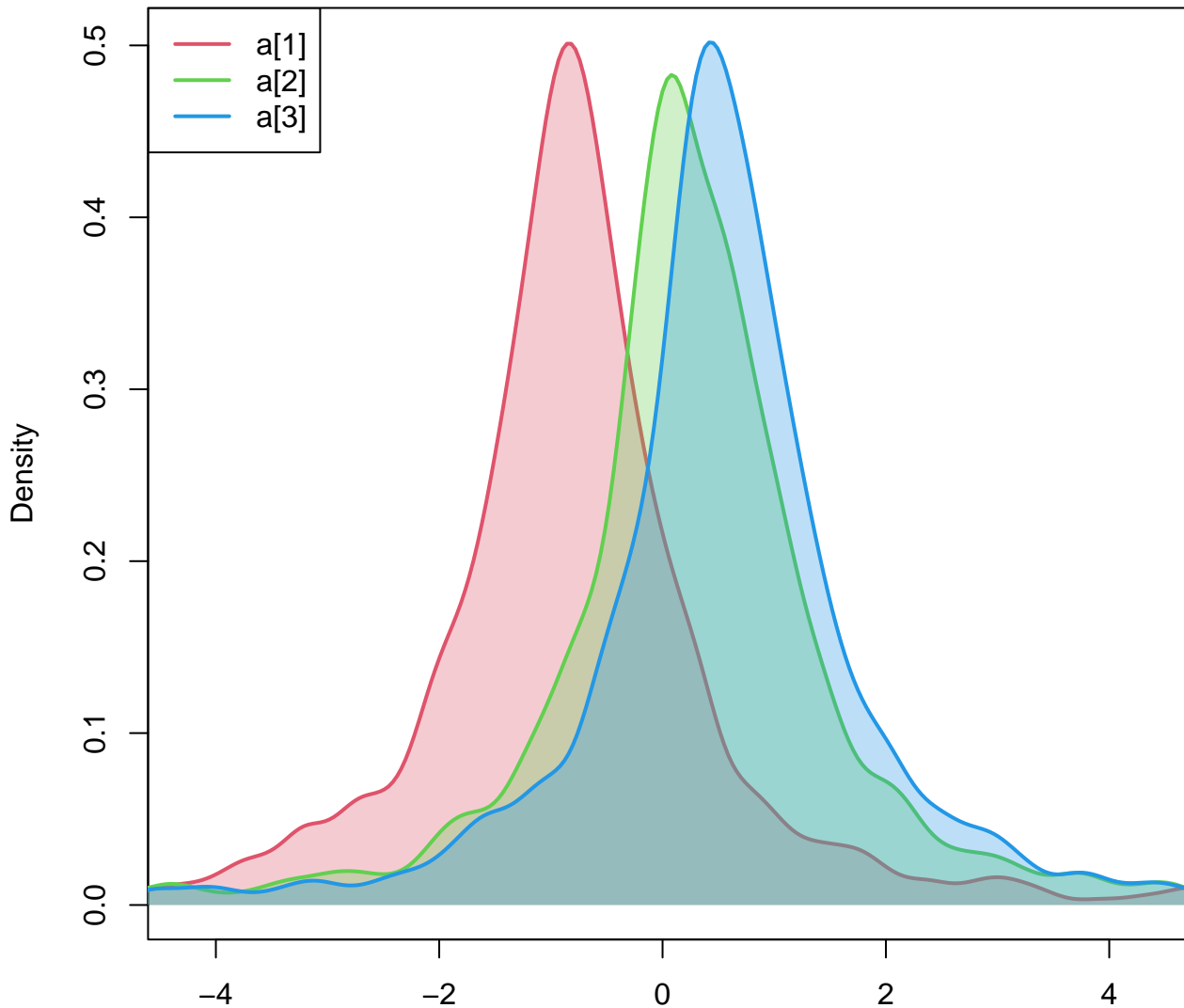


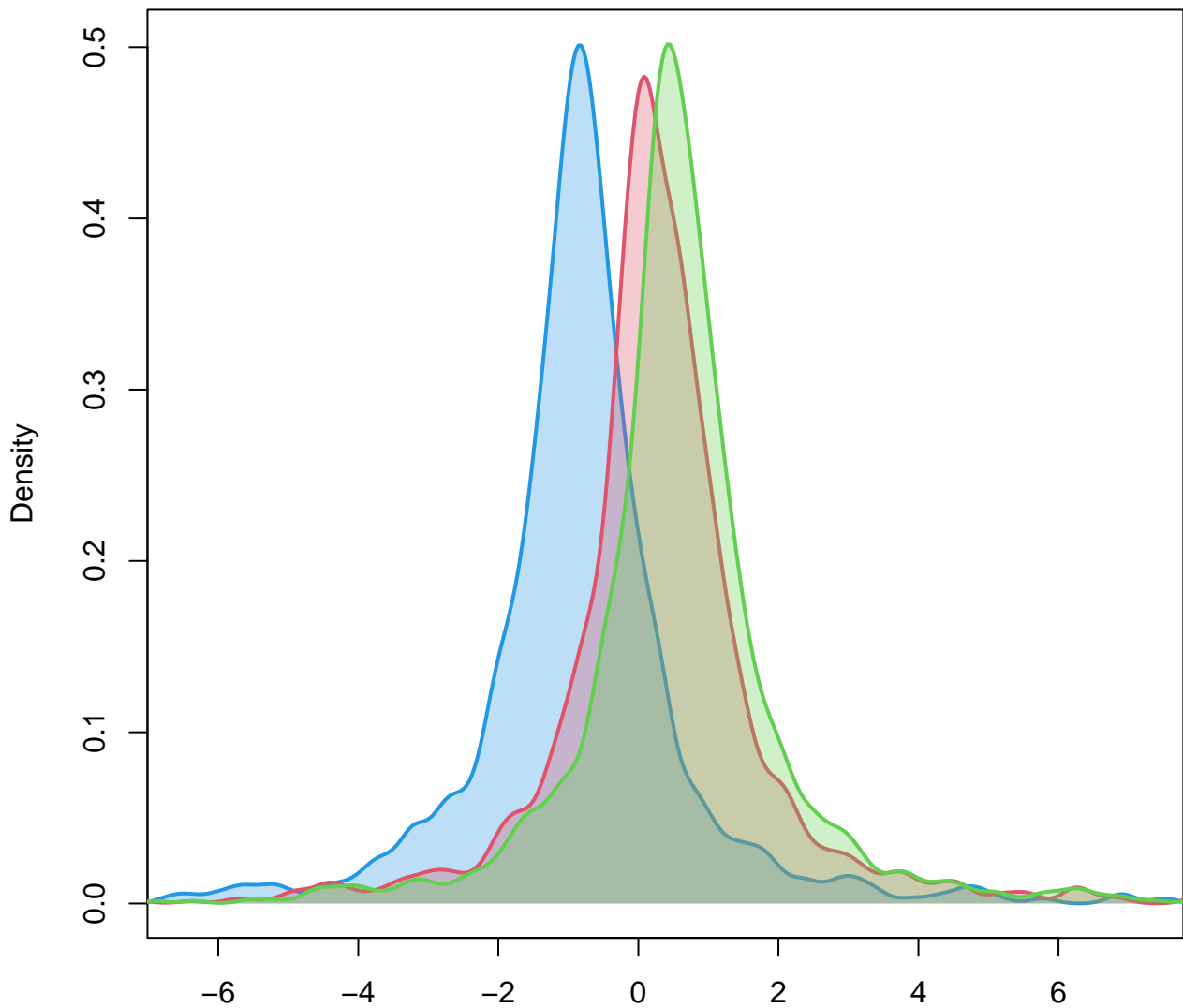


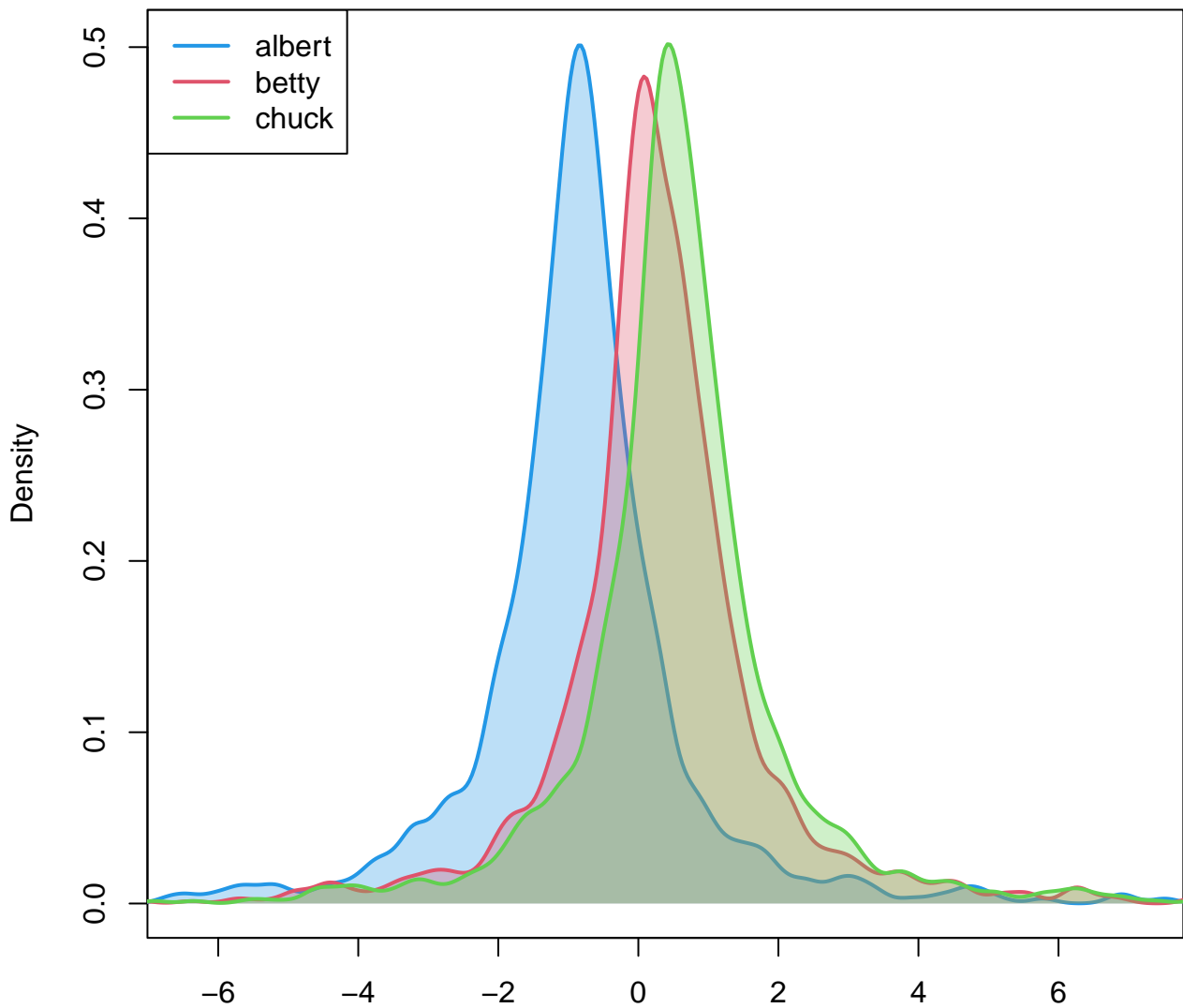
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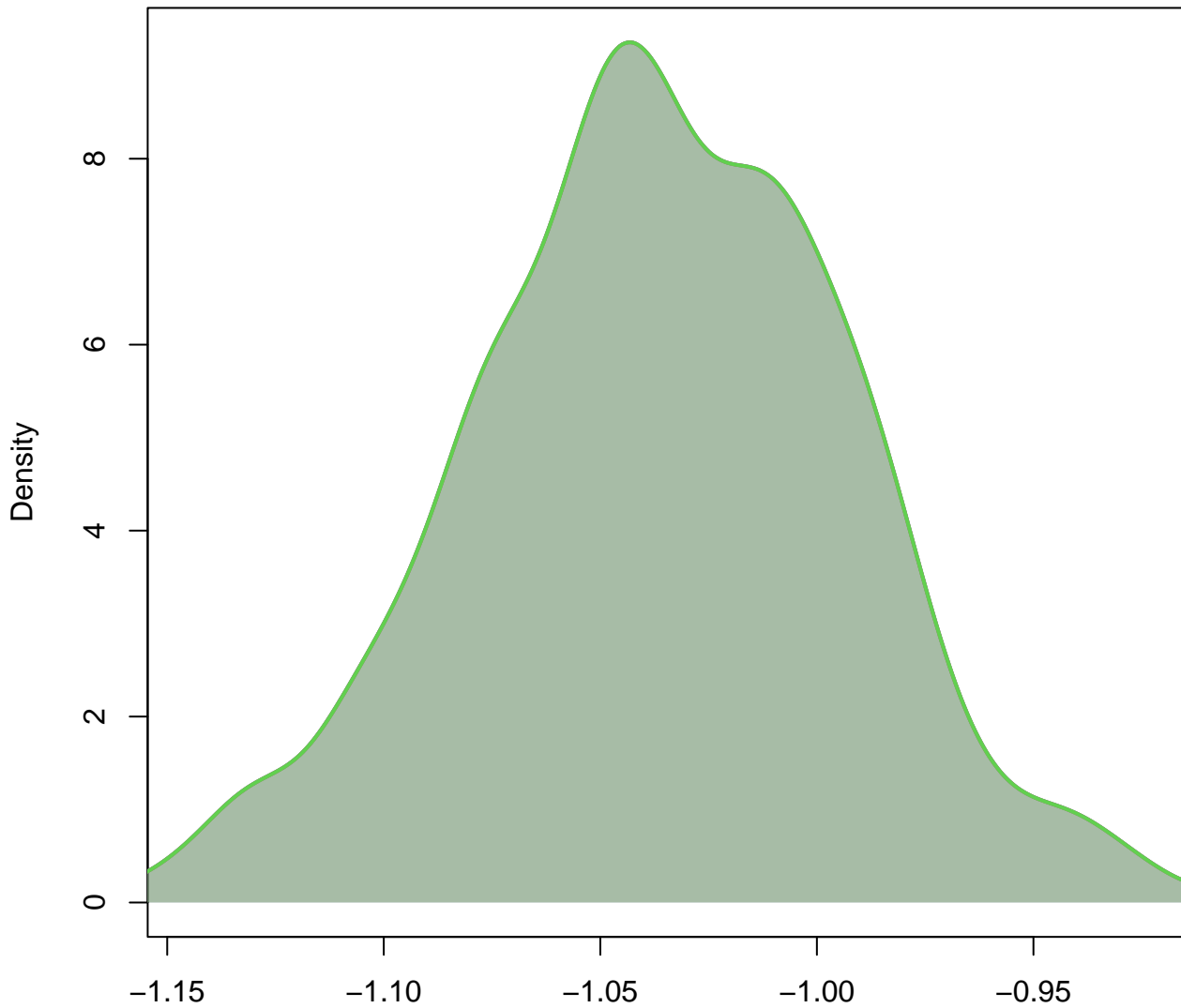
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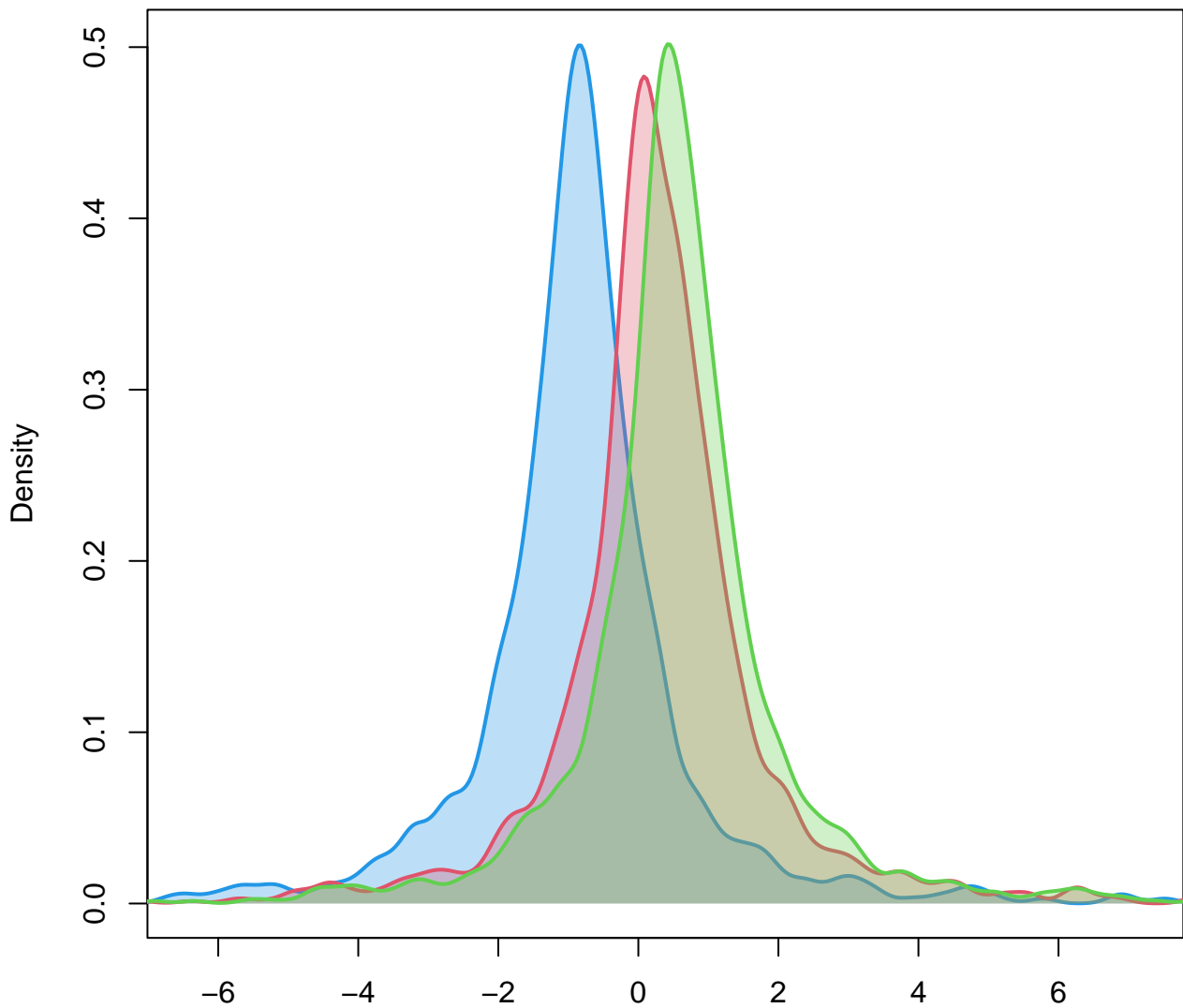


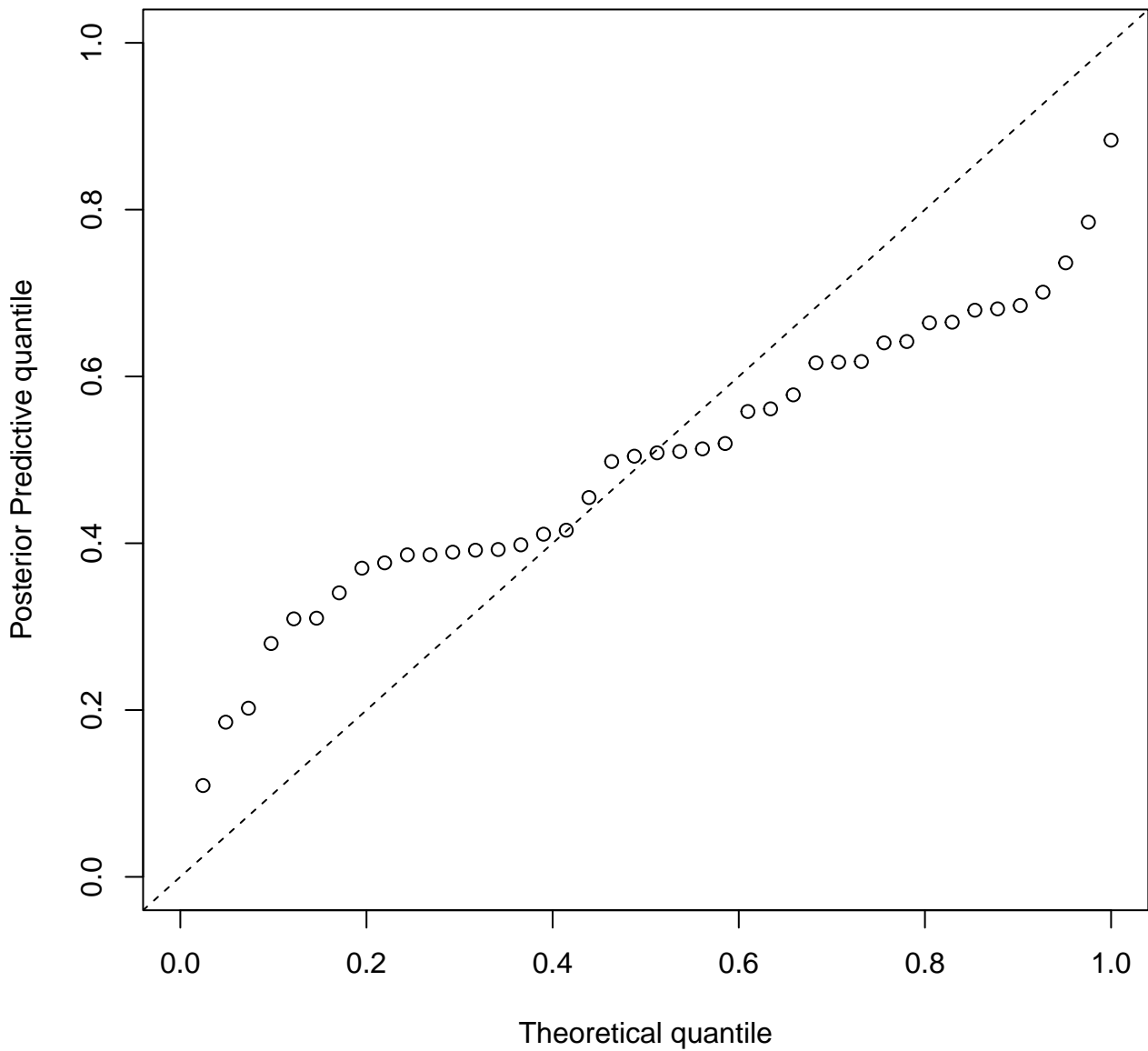


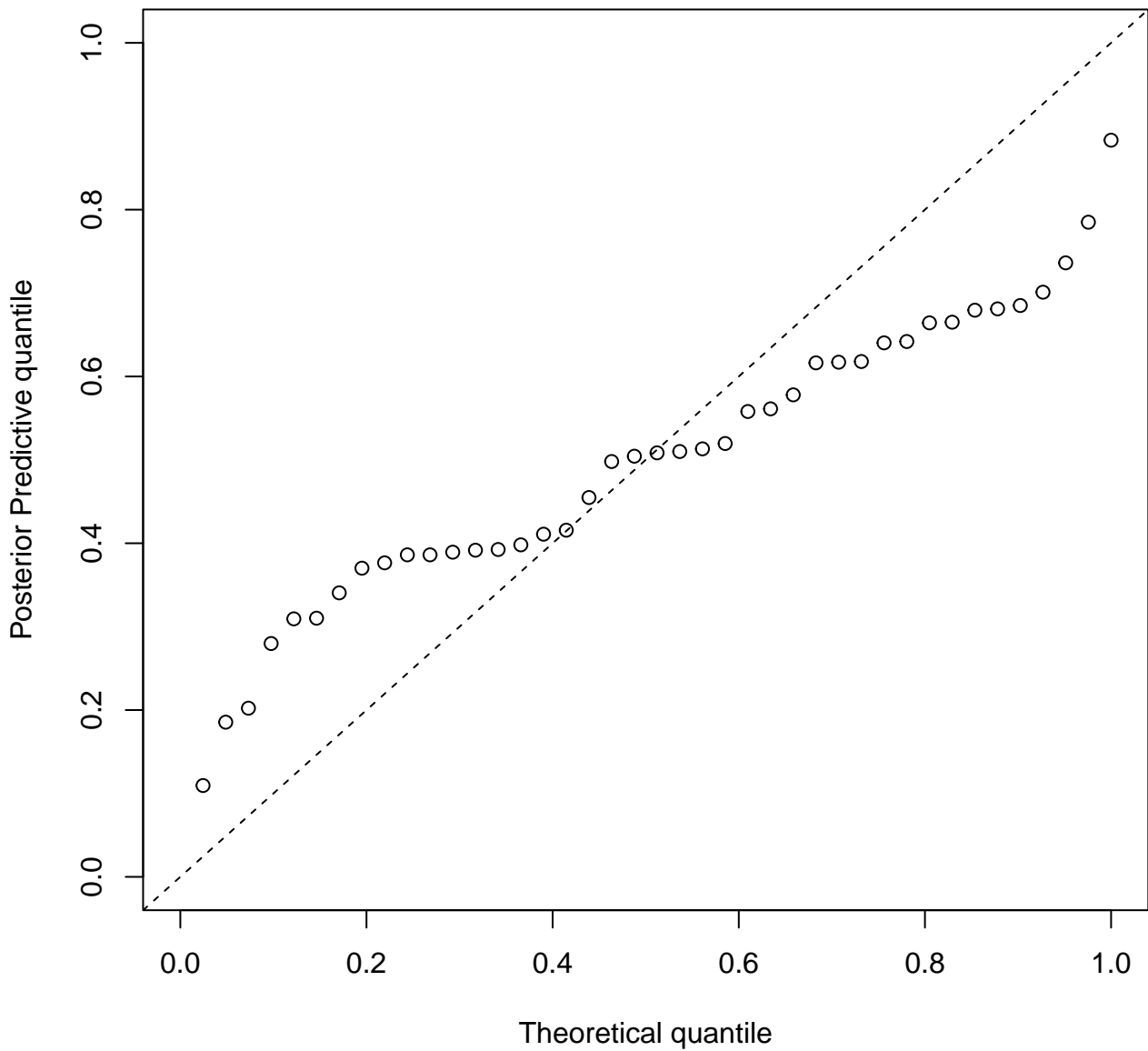


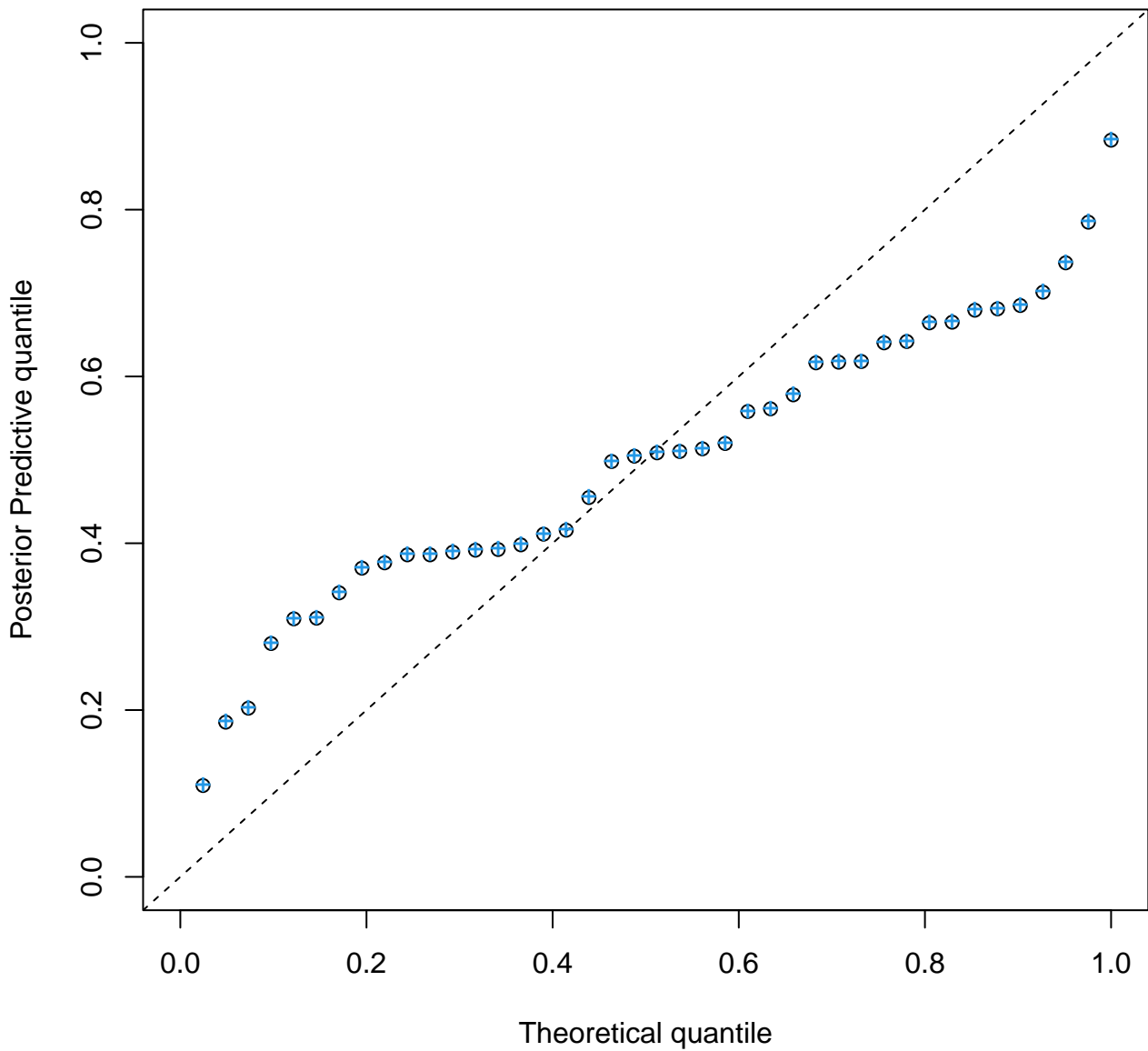
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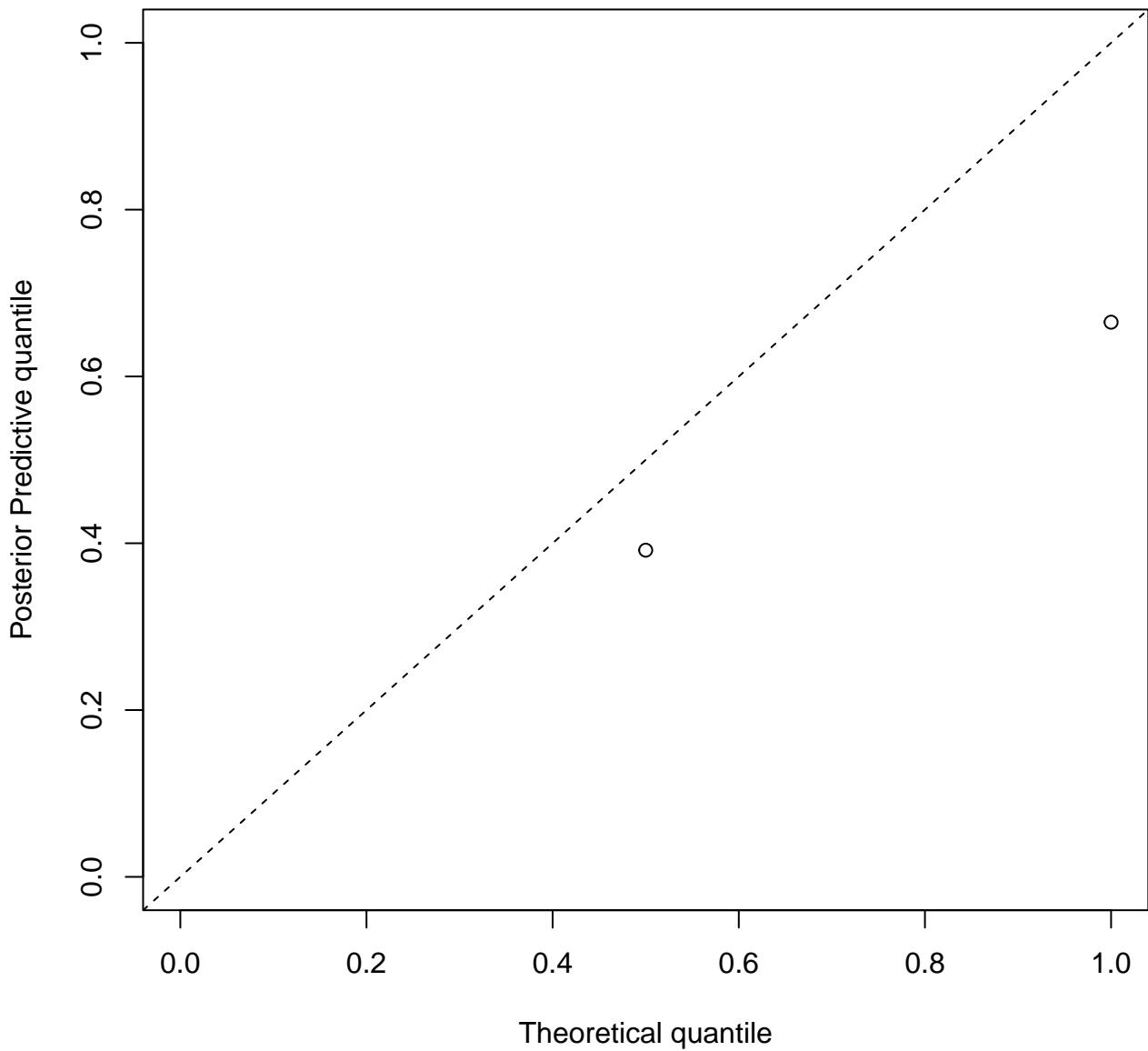


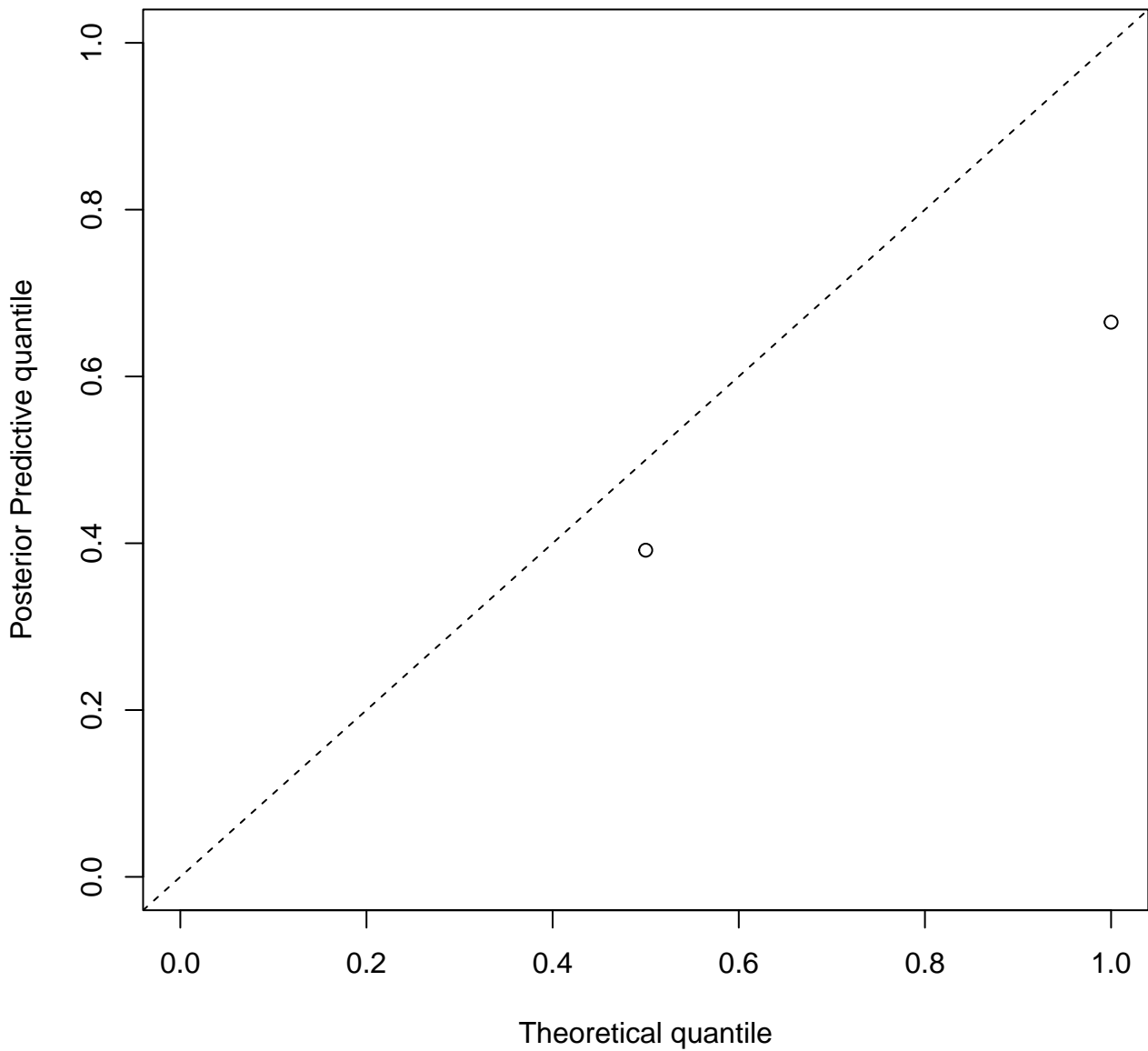




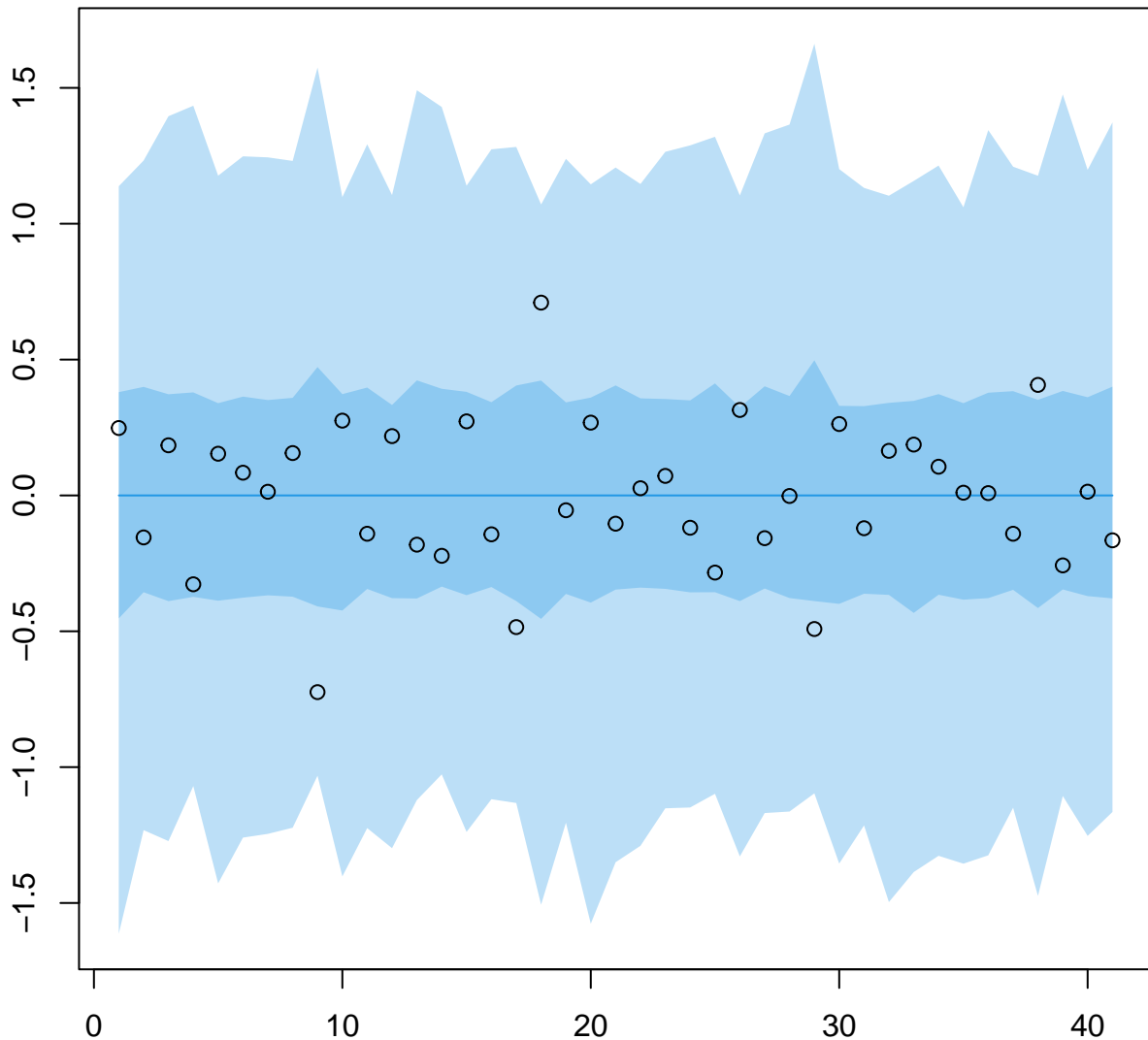




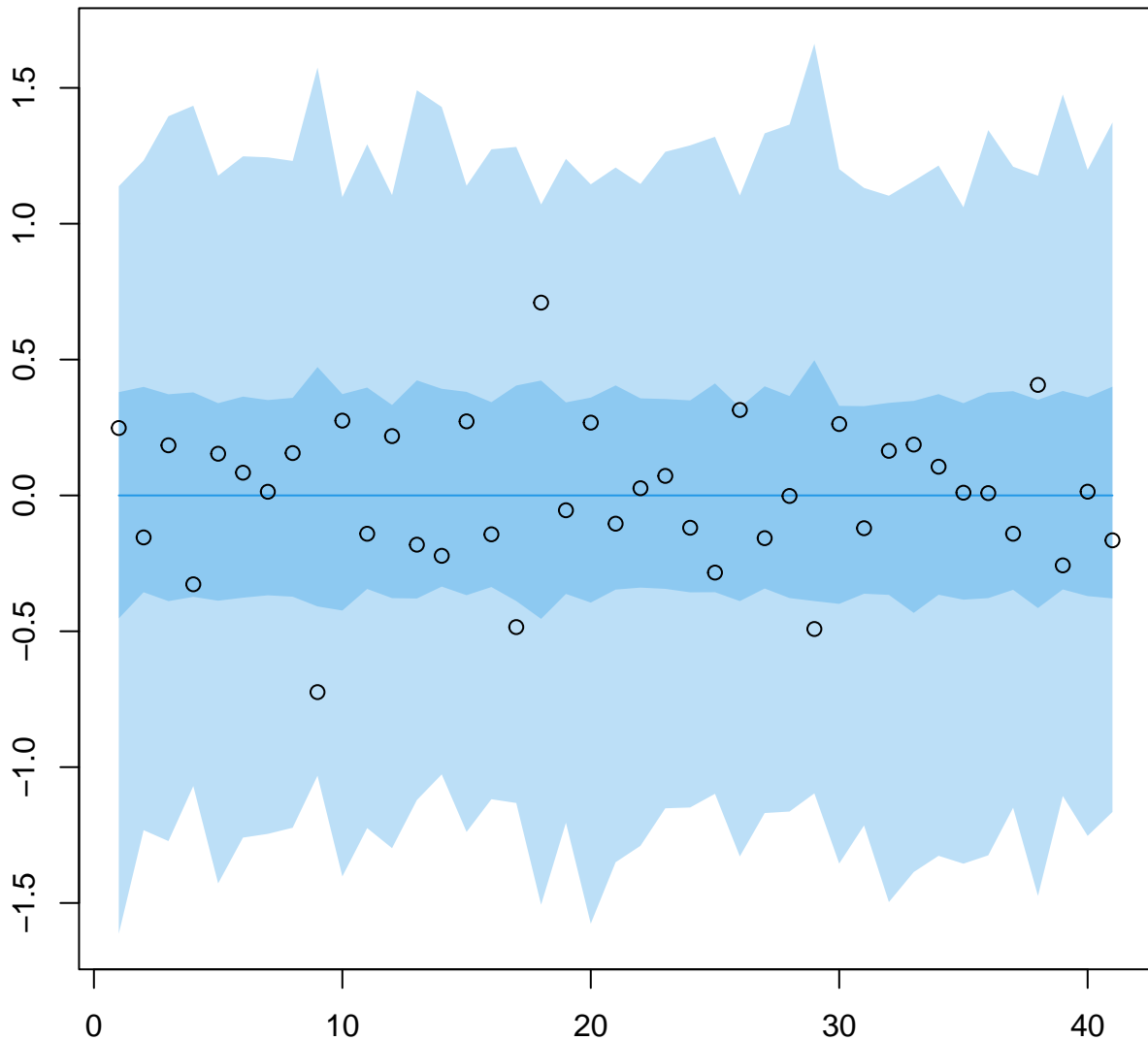


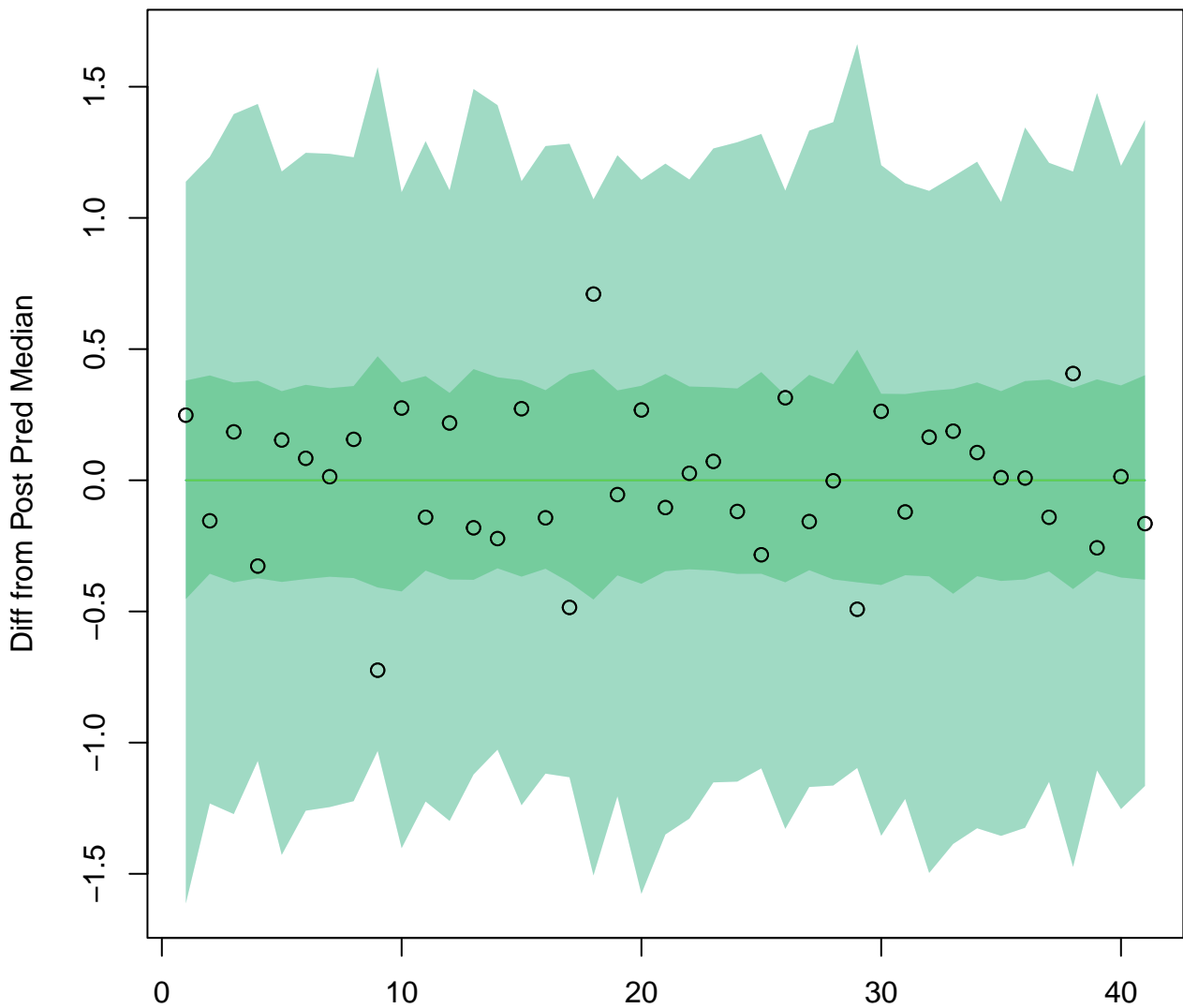


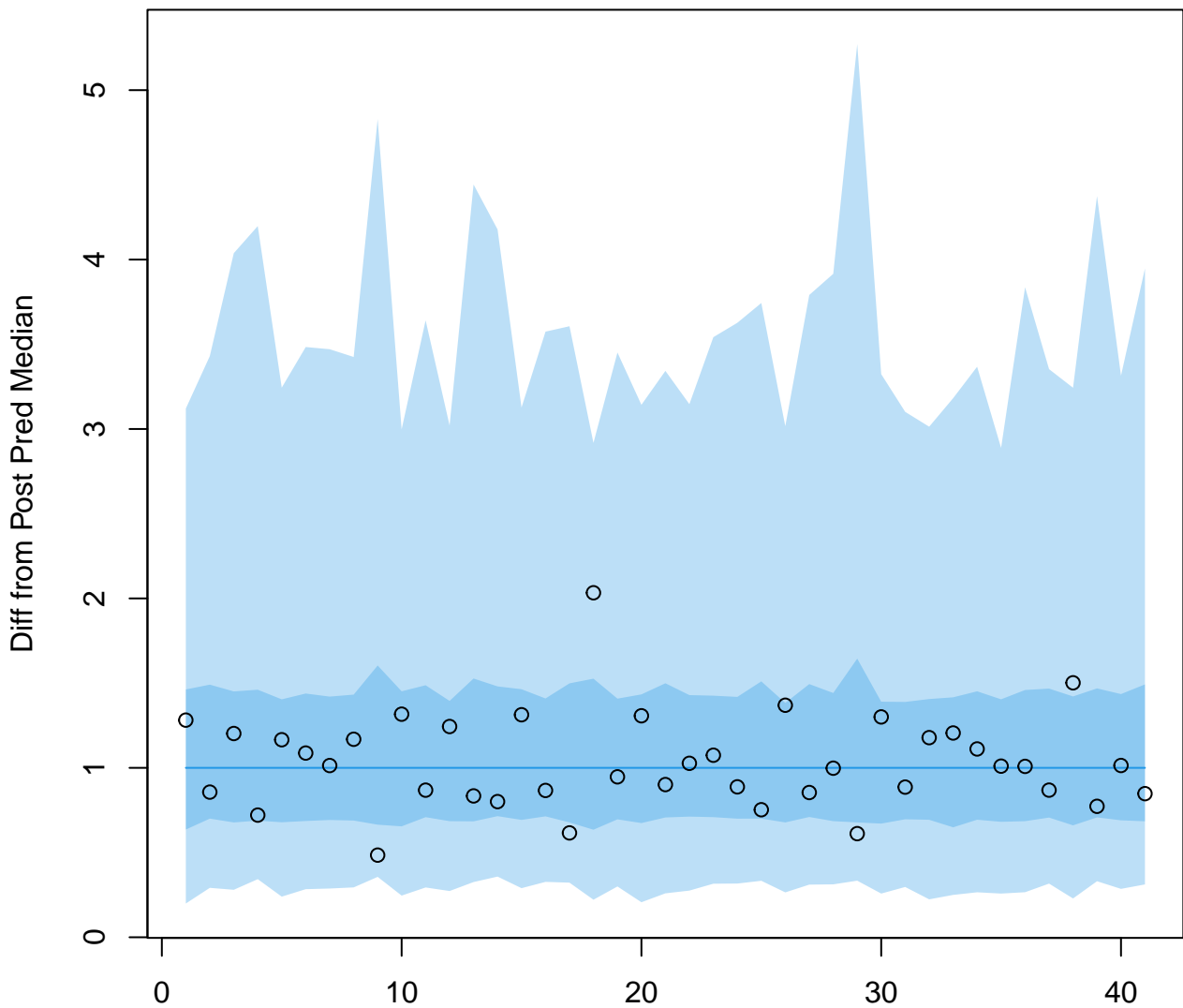
Diff from Post Pred Median

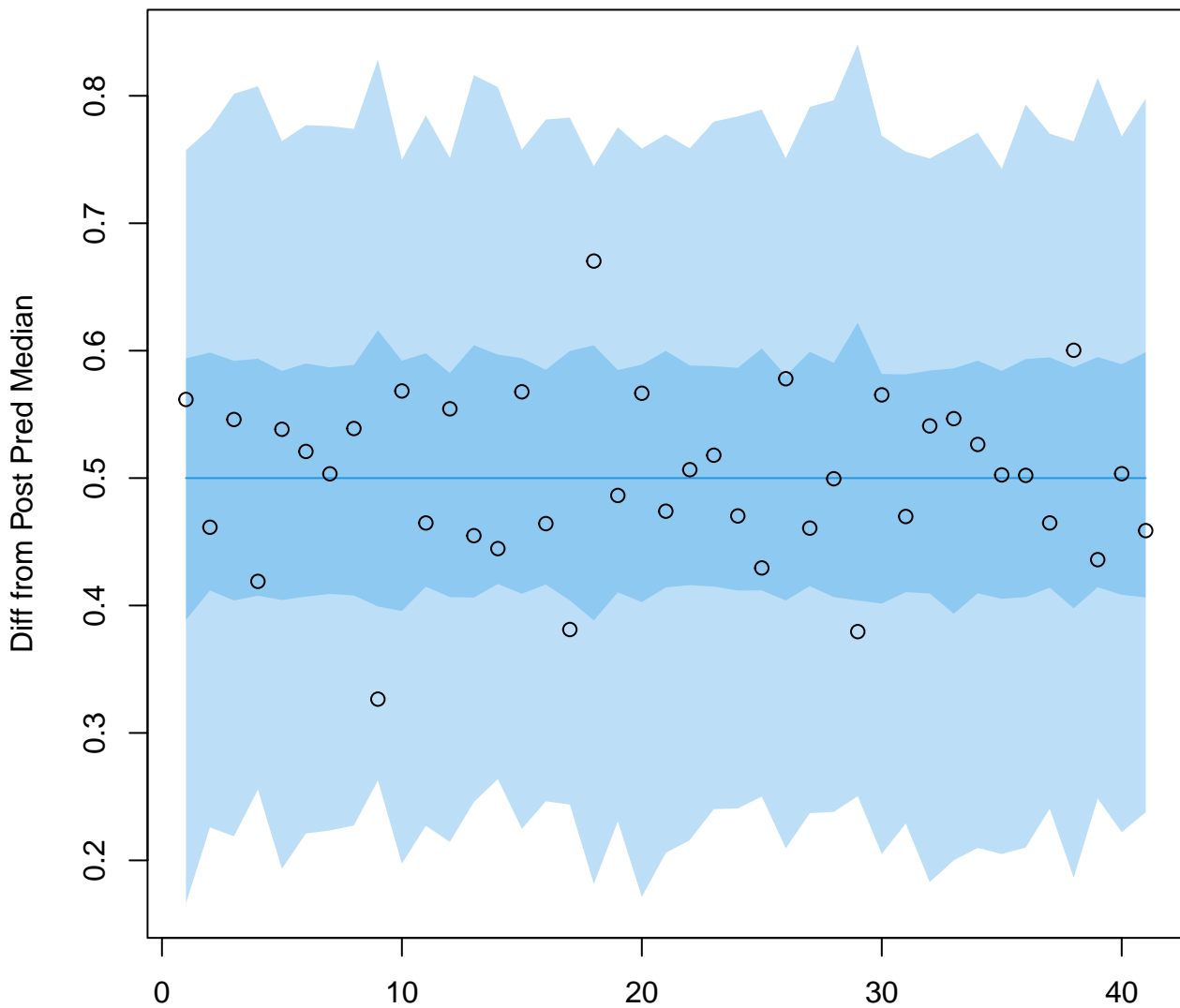


Diff from Post Pred Median

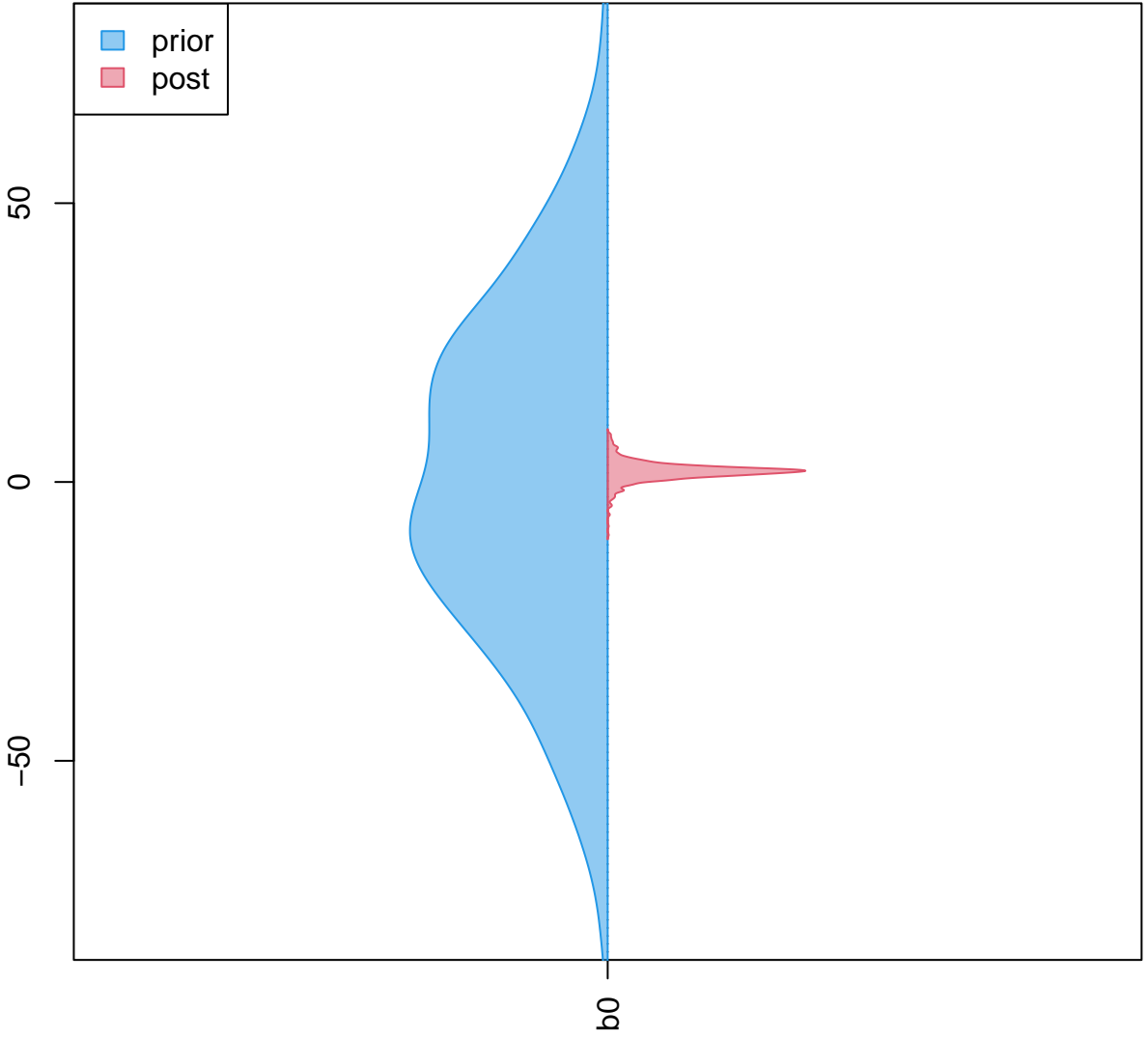




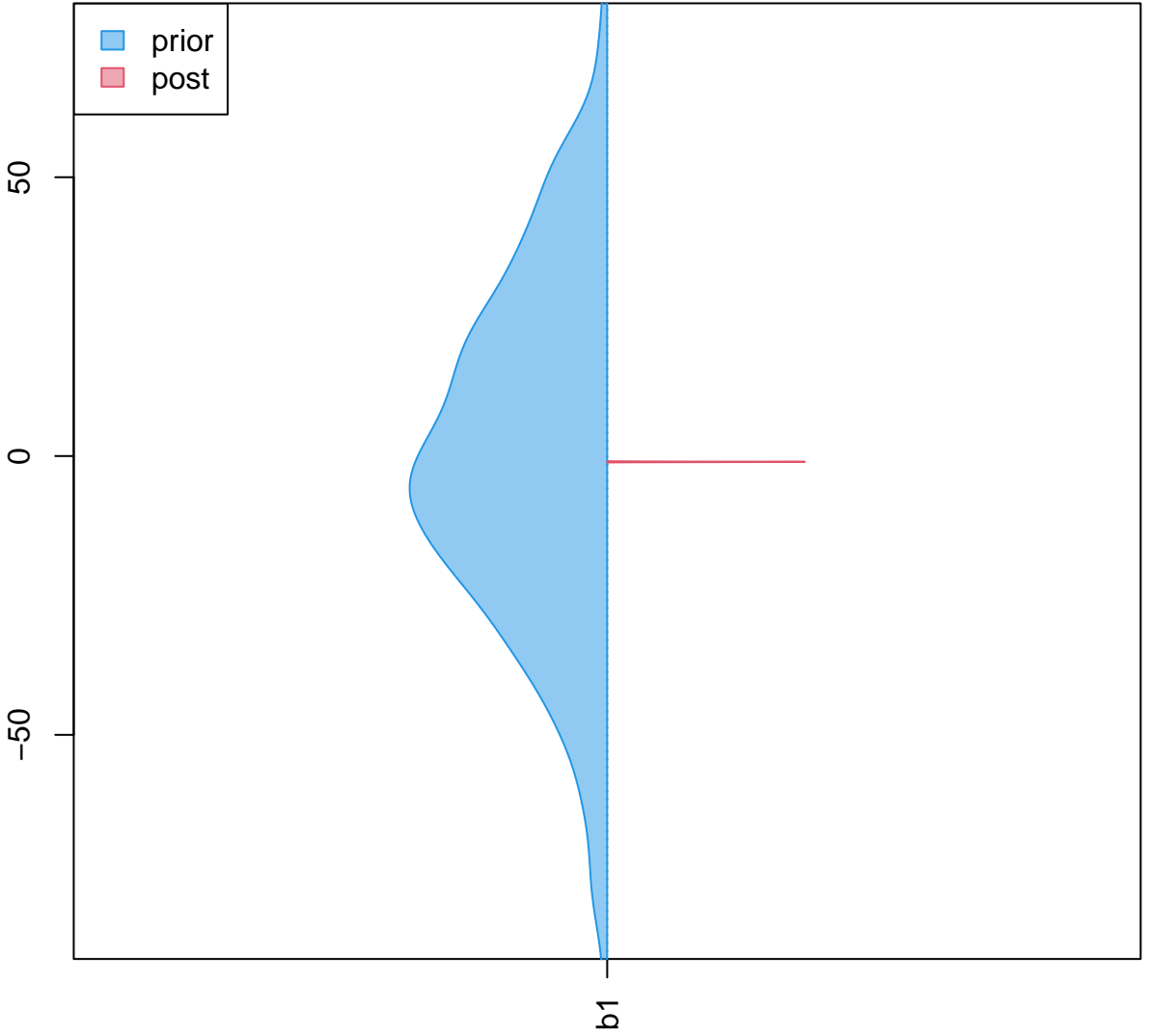




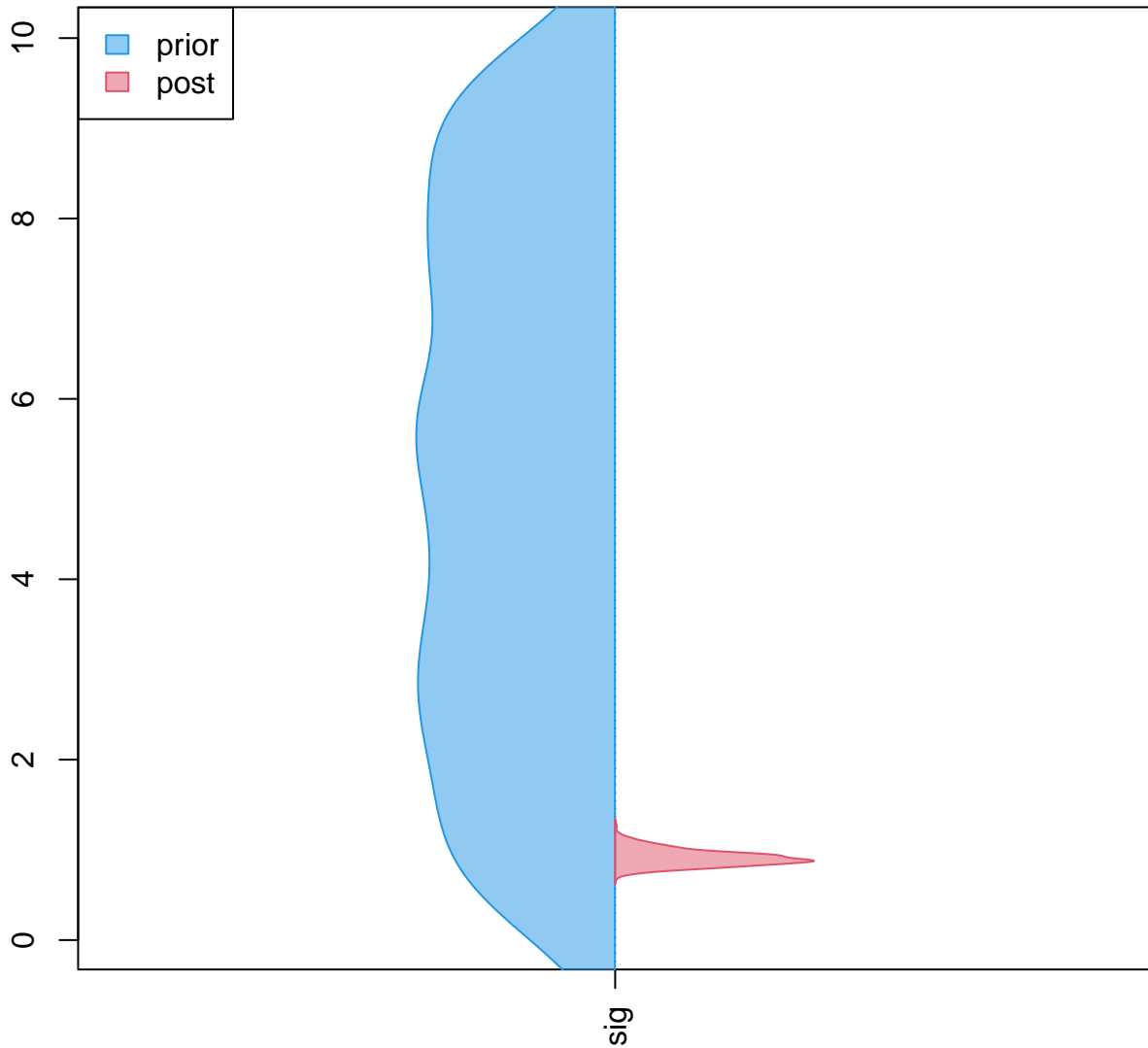
b0



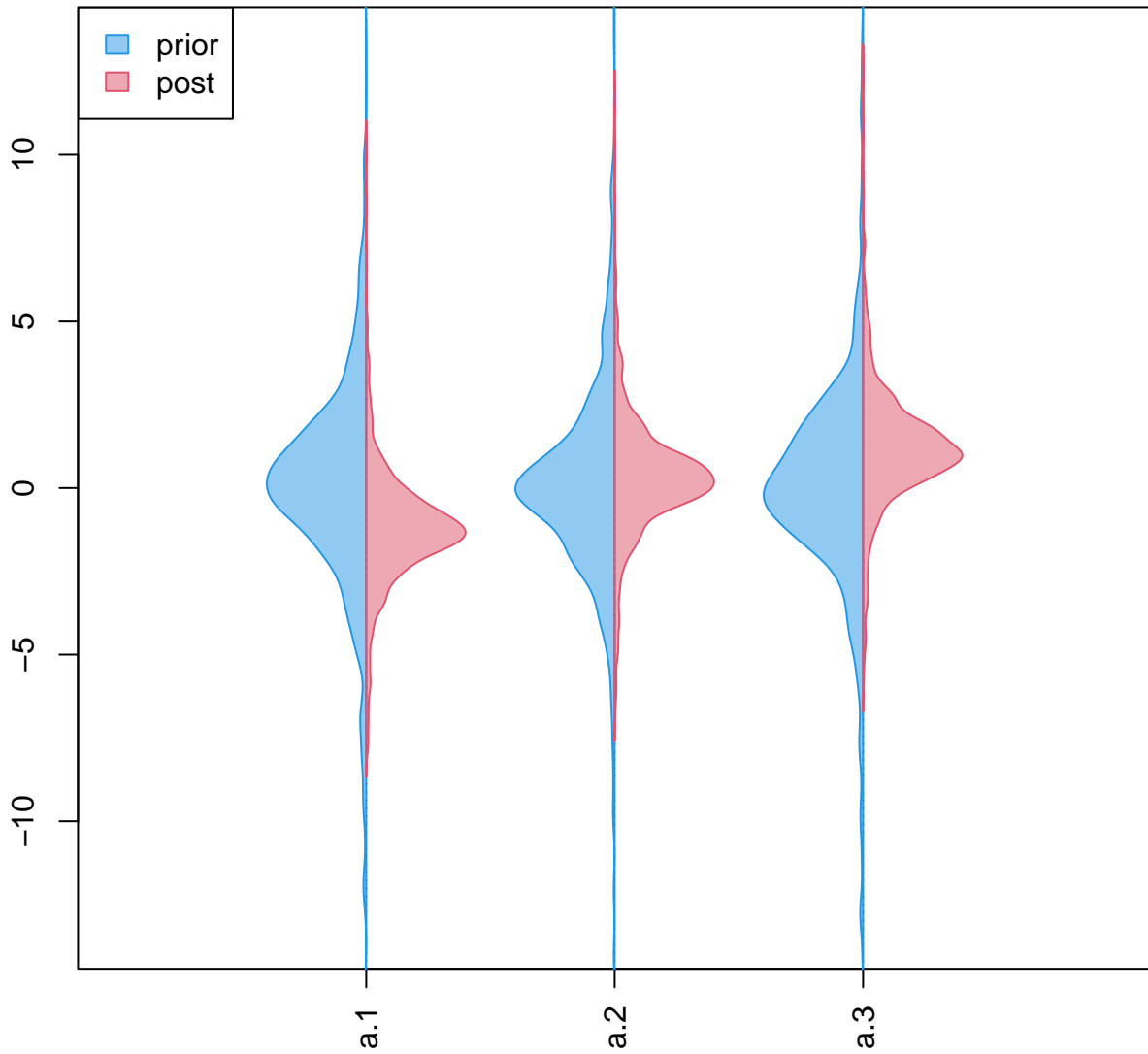
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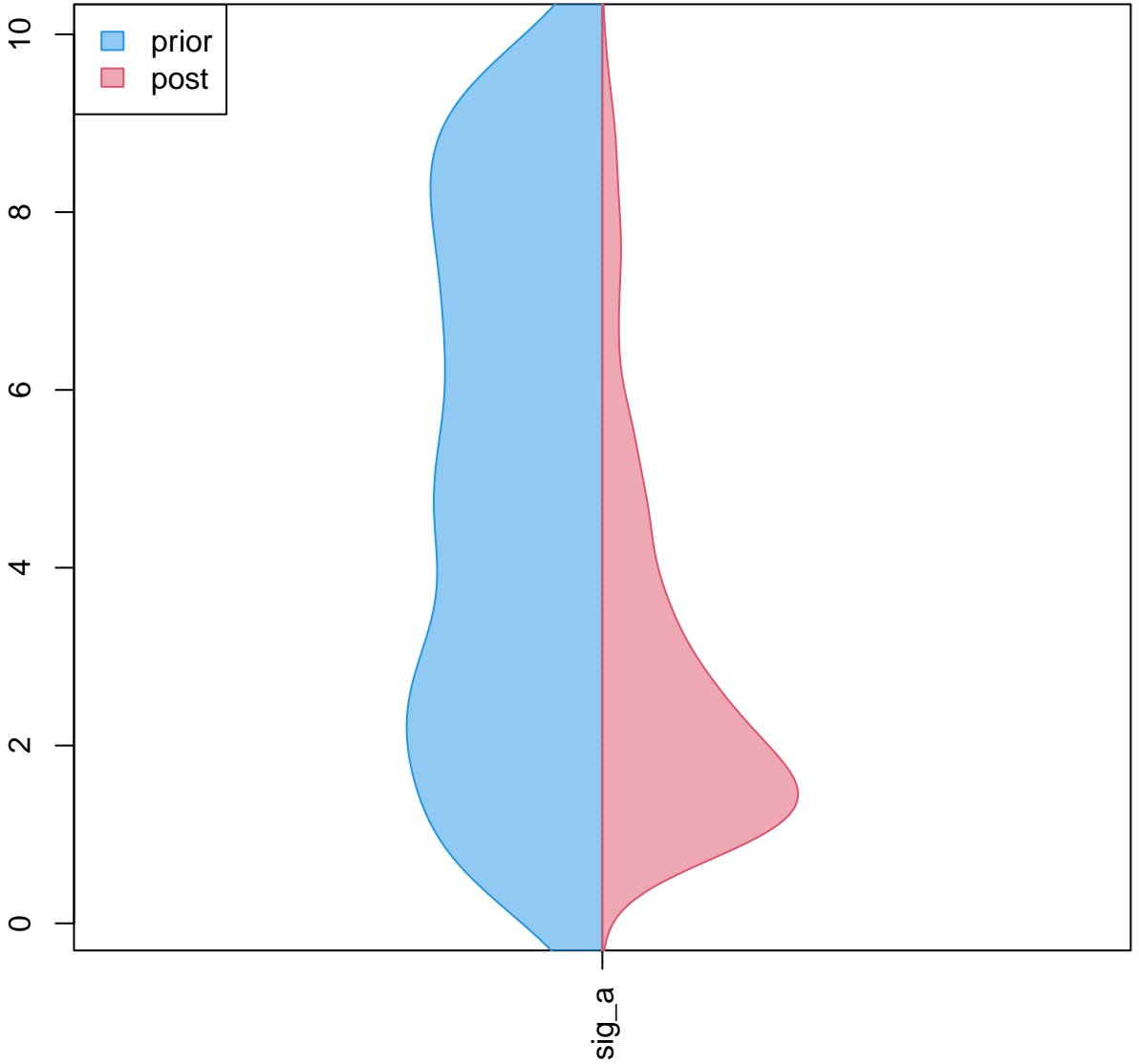
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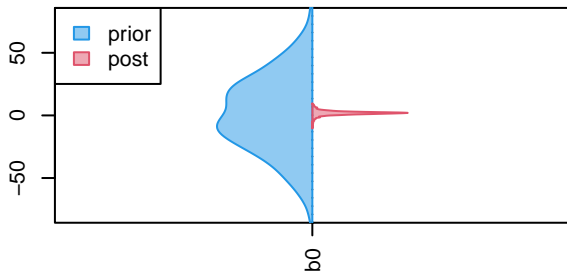
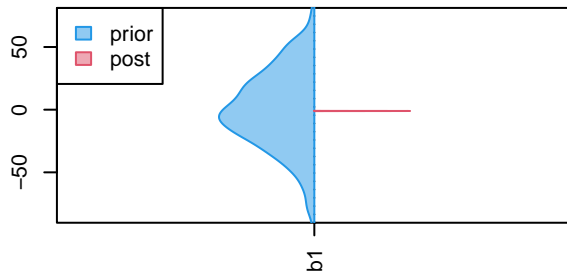
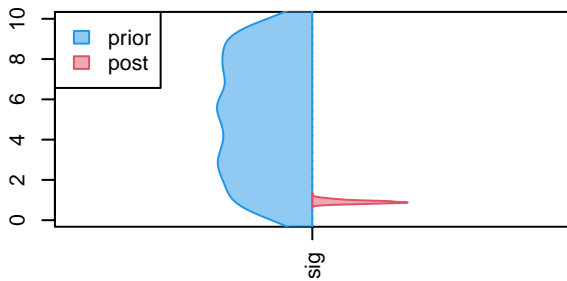
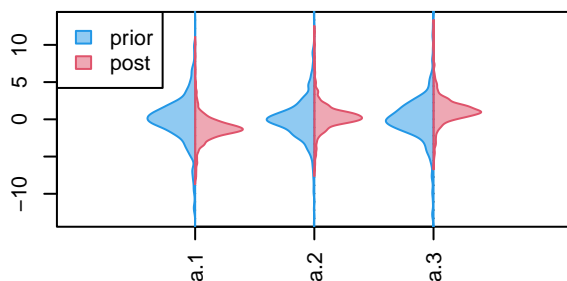
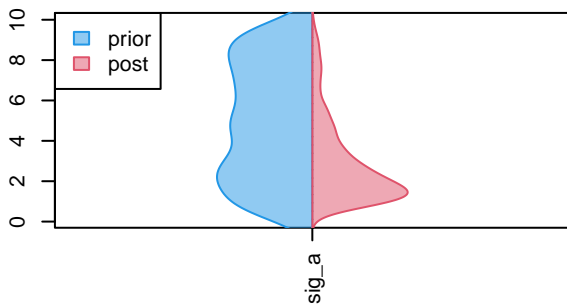


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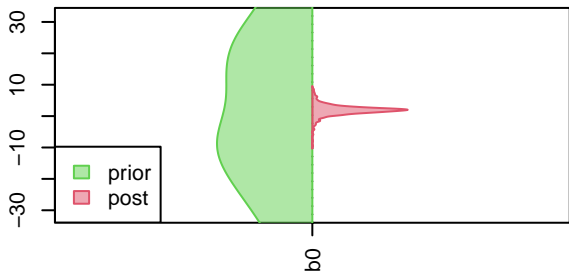


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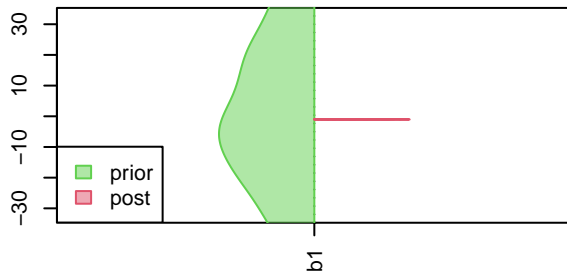


b0**b1****sig****a****sig_a**

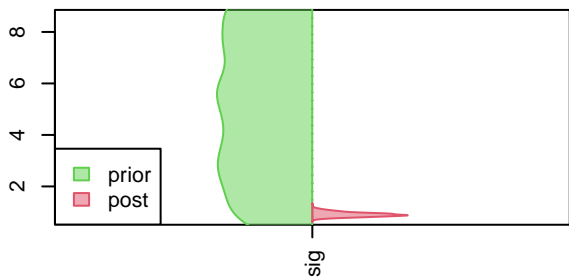
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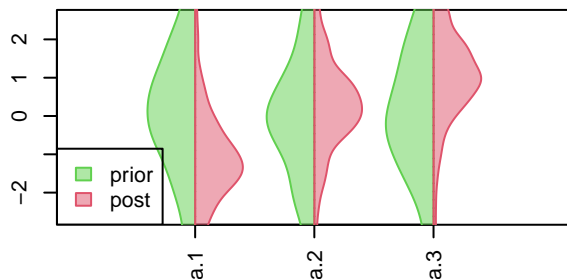
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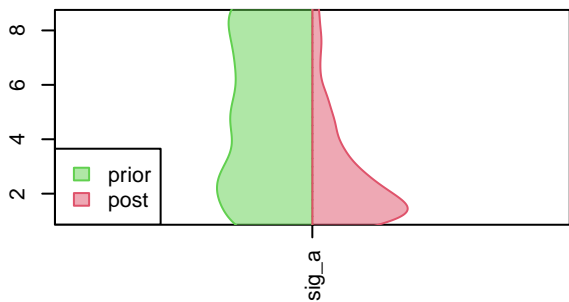
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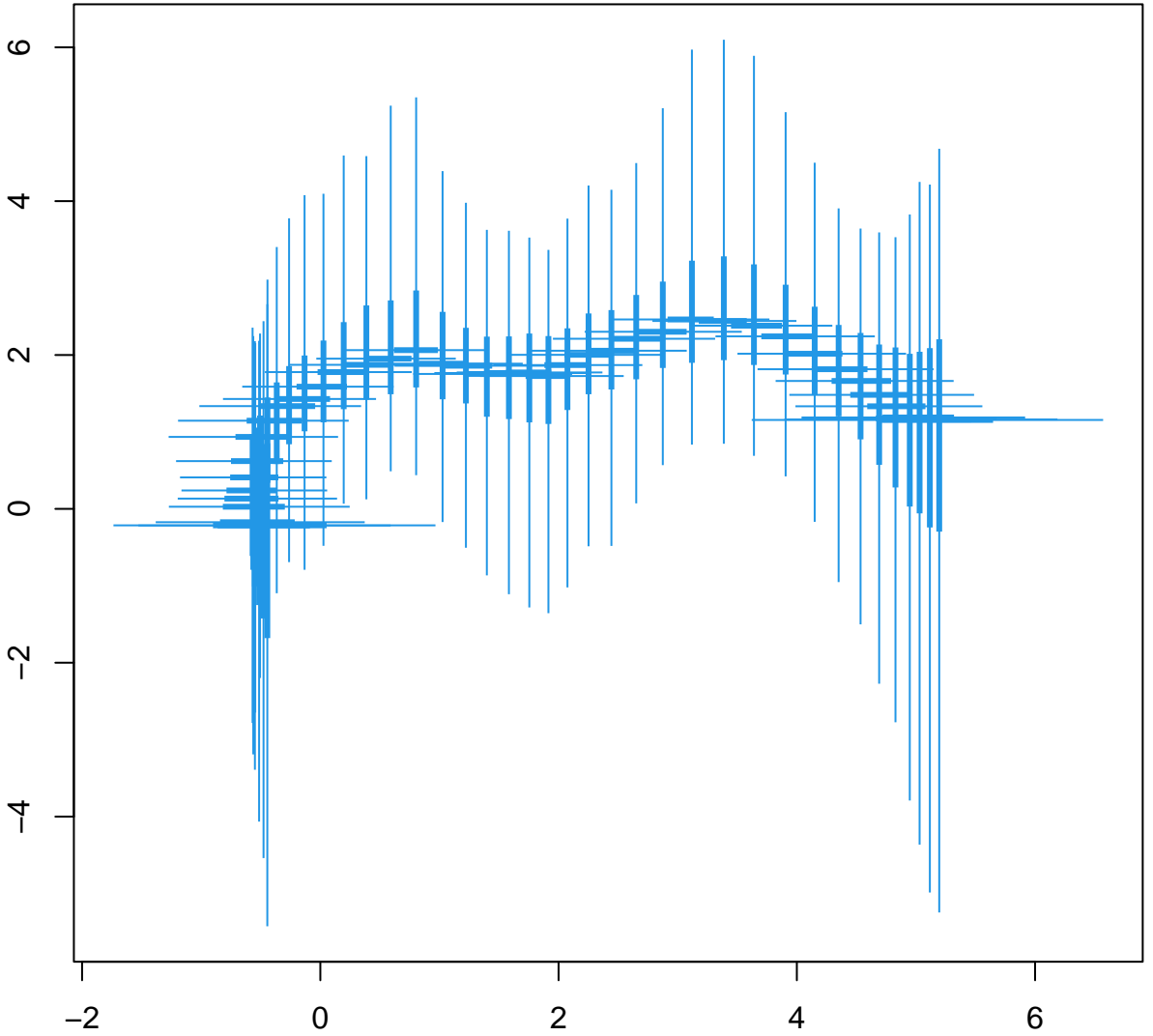


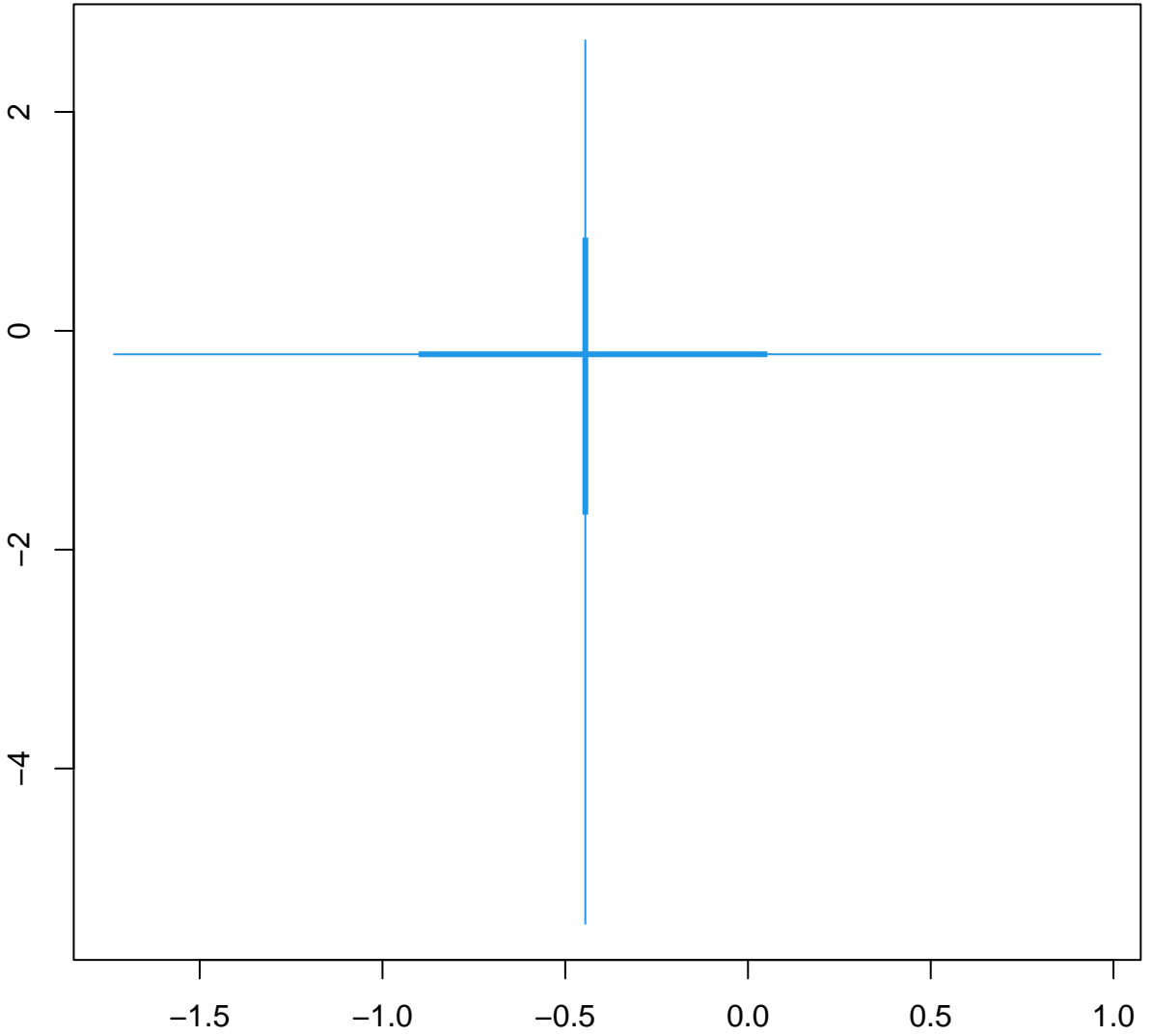
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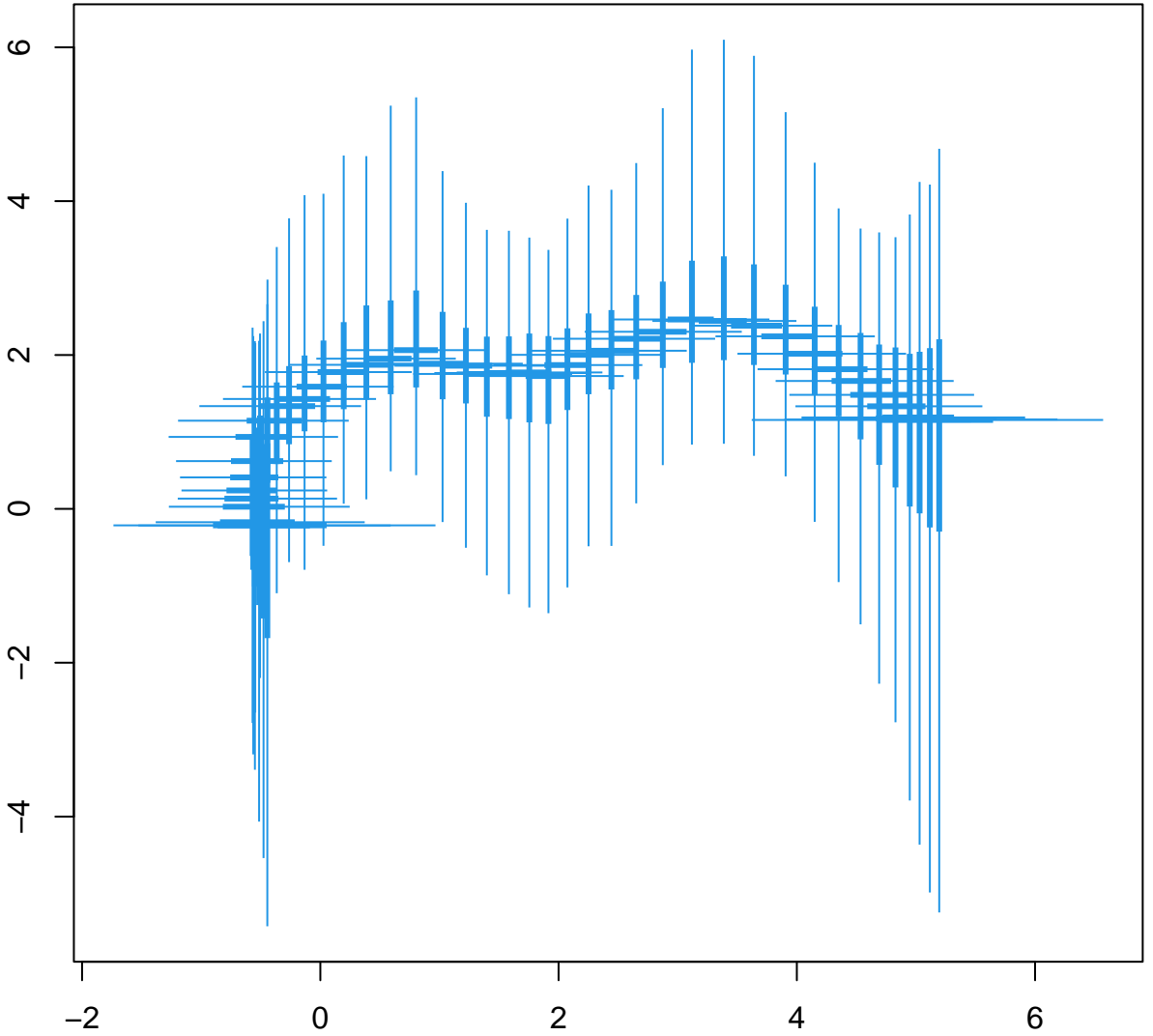


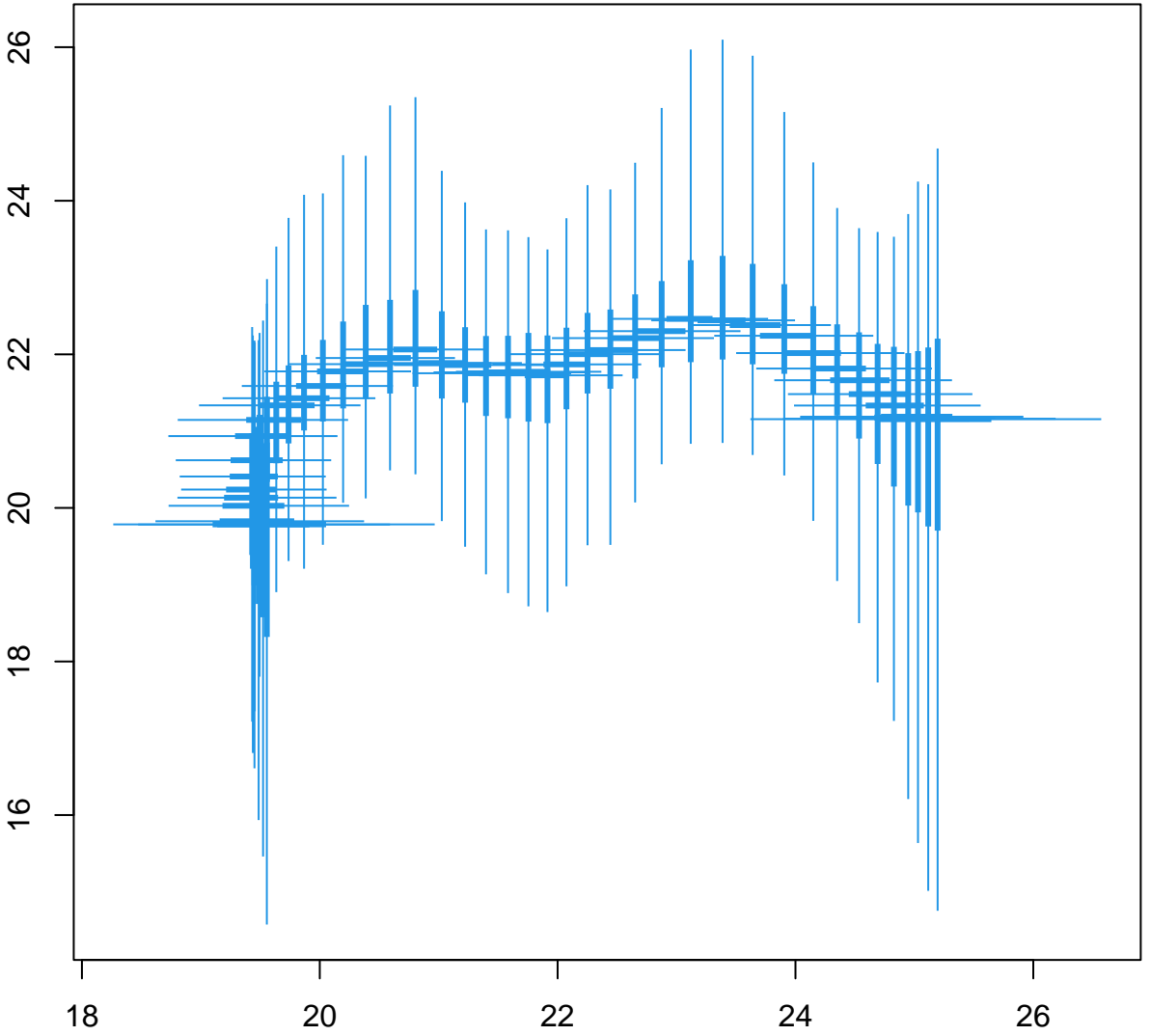
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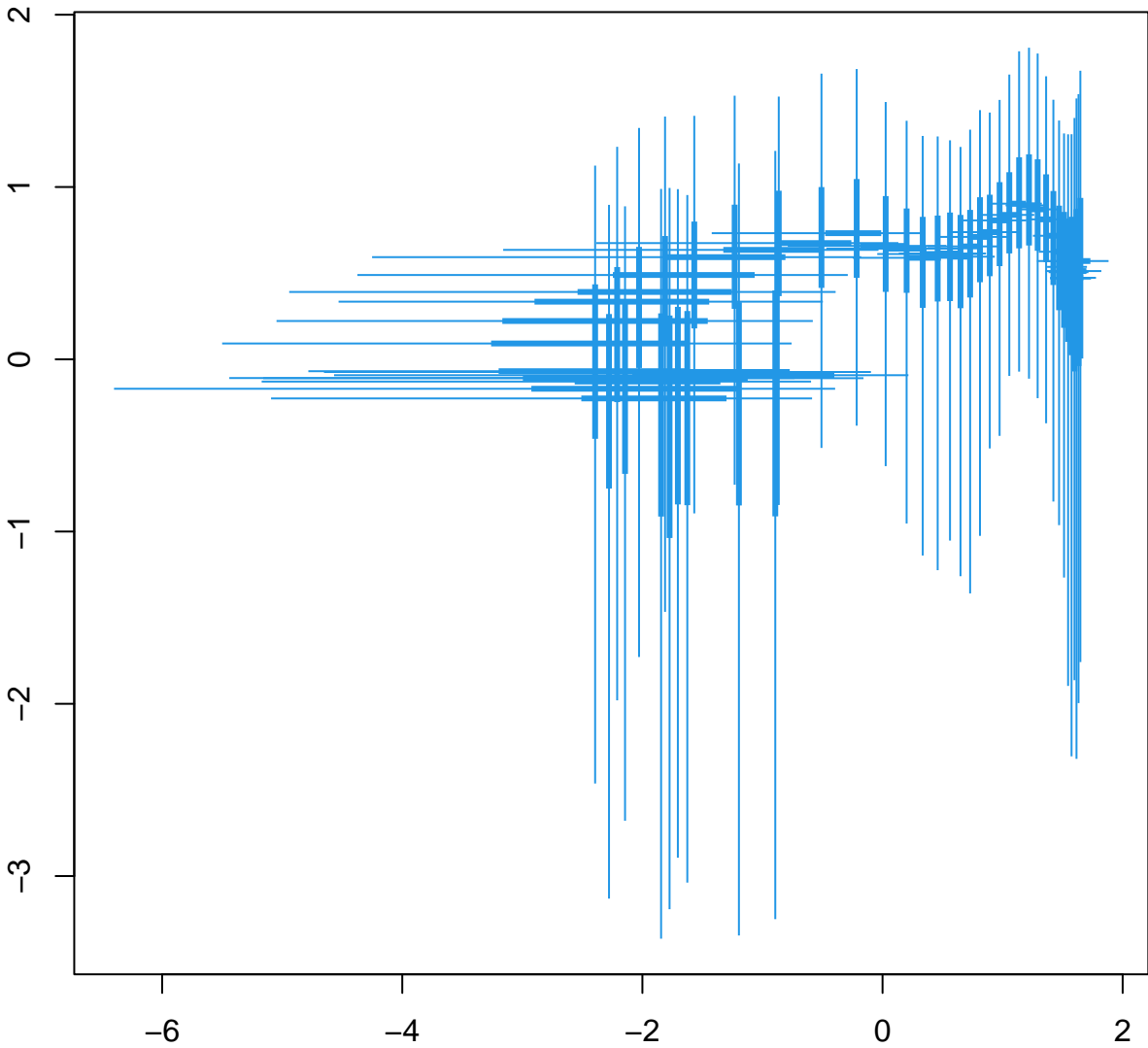


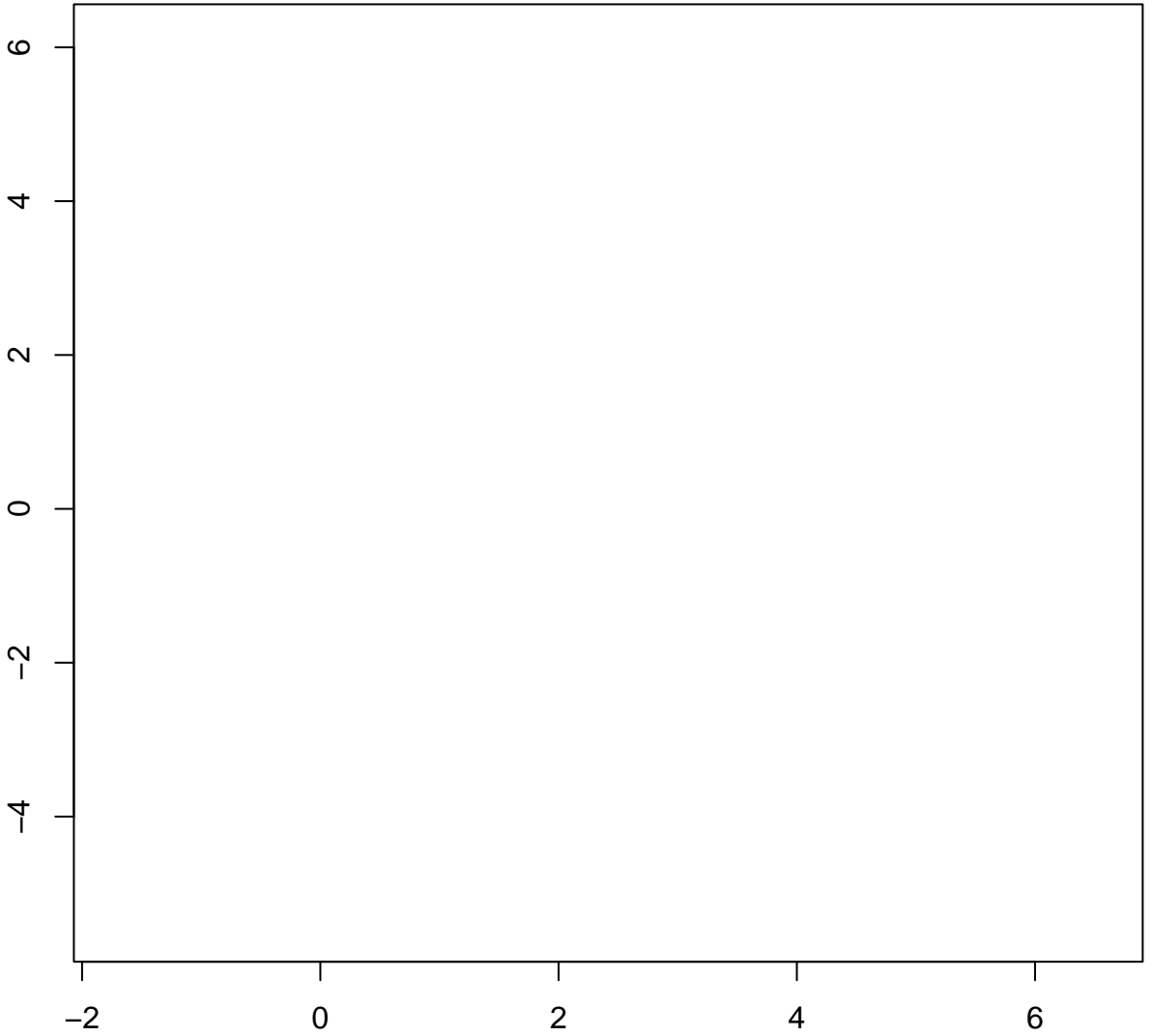


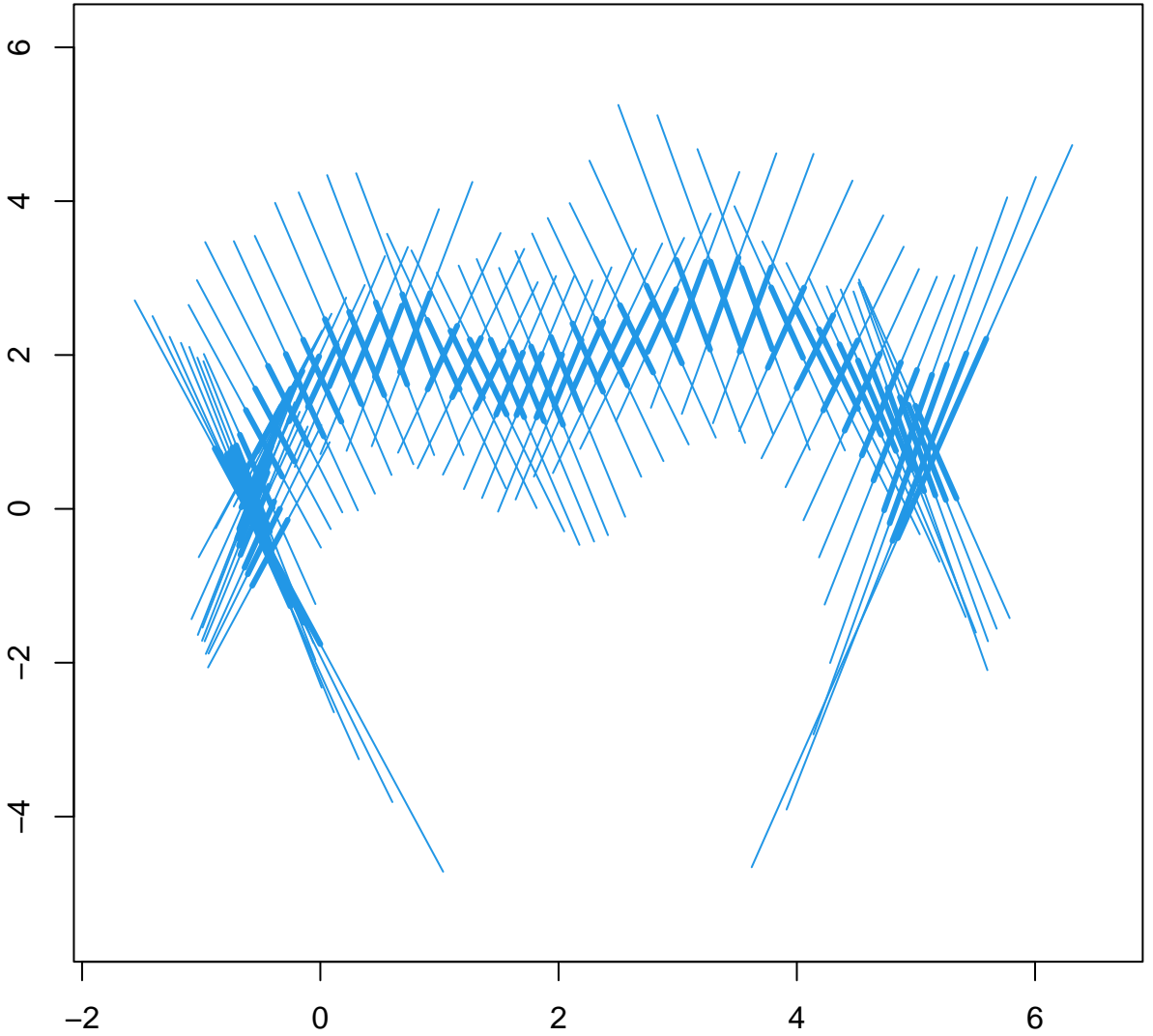


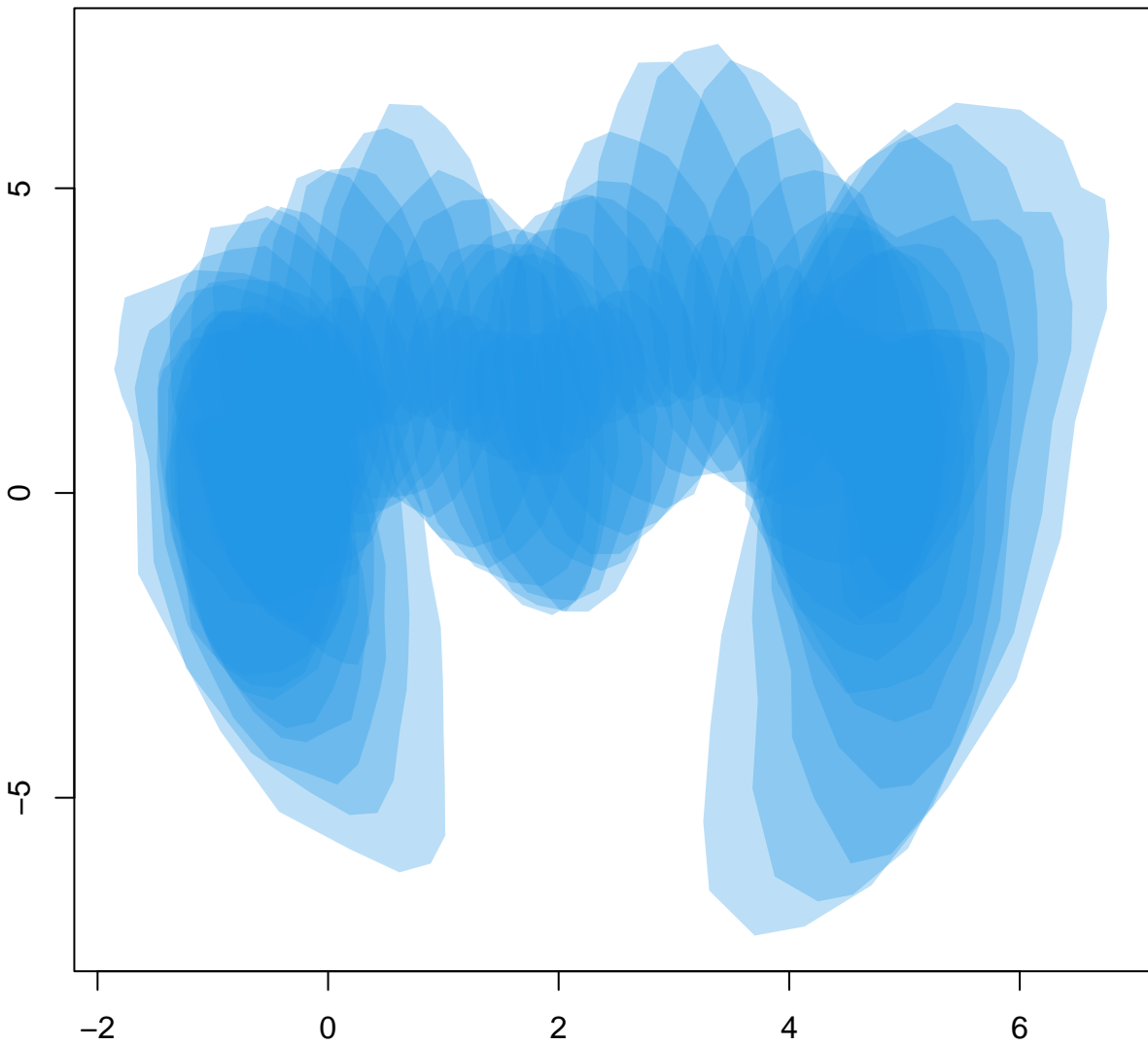


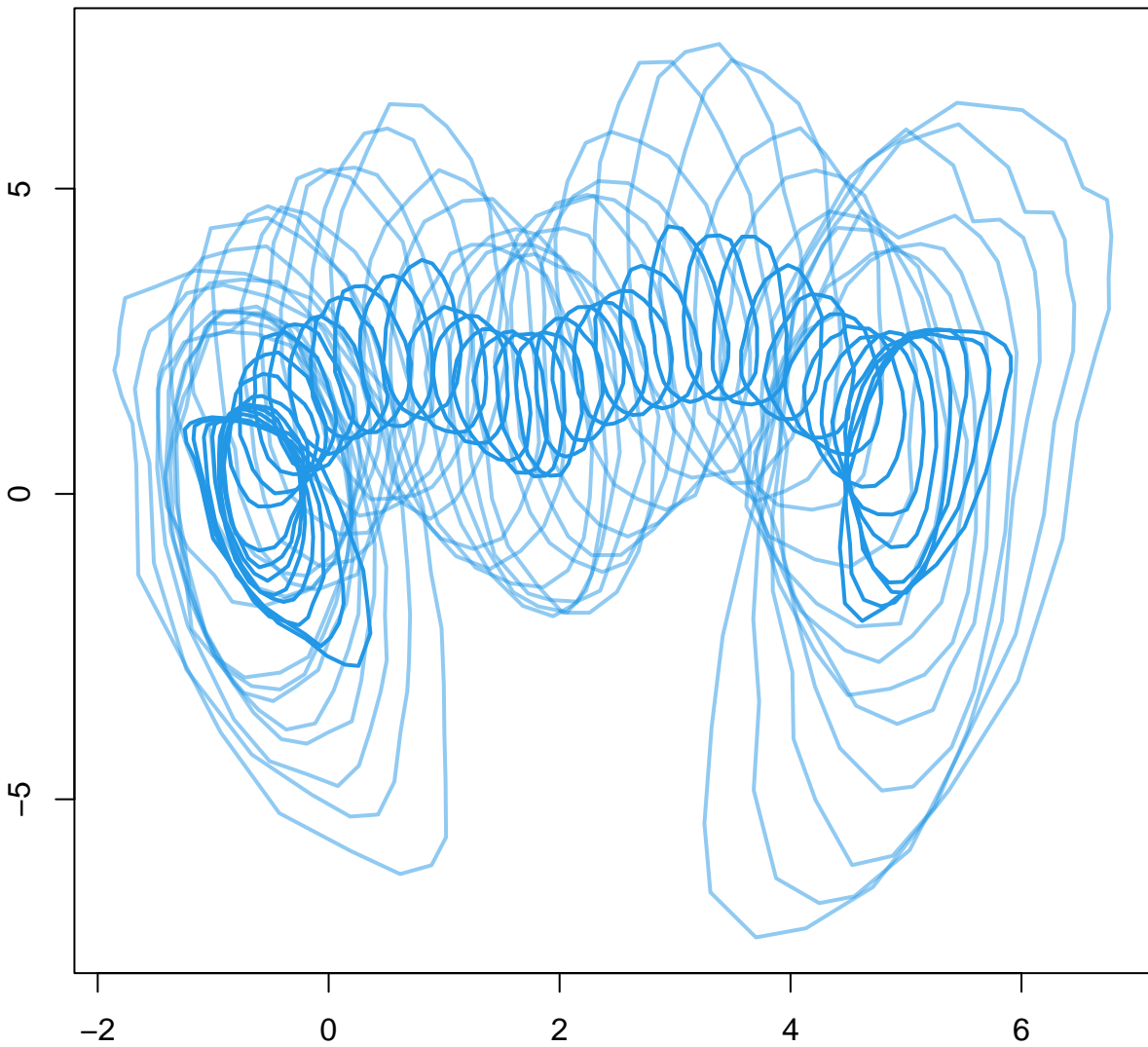


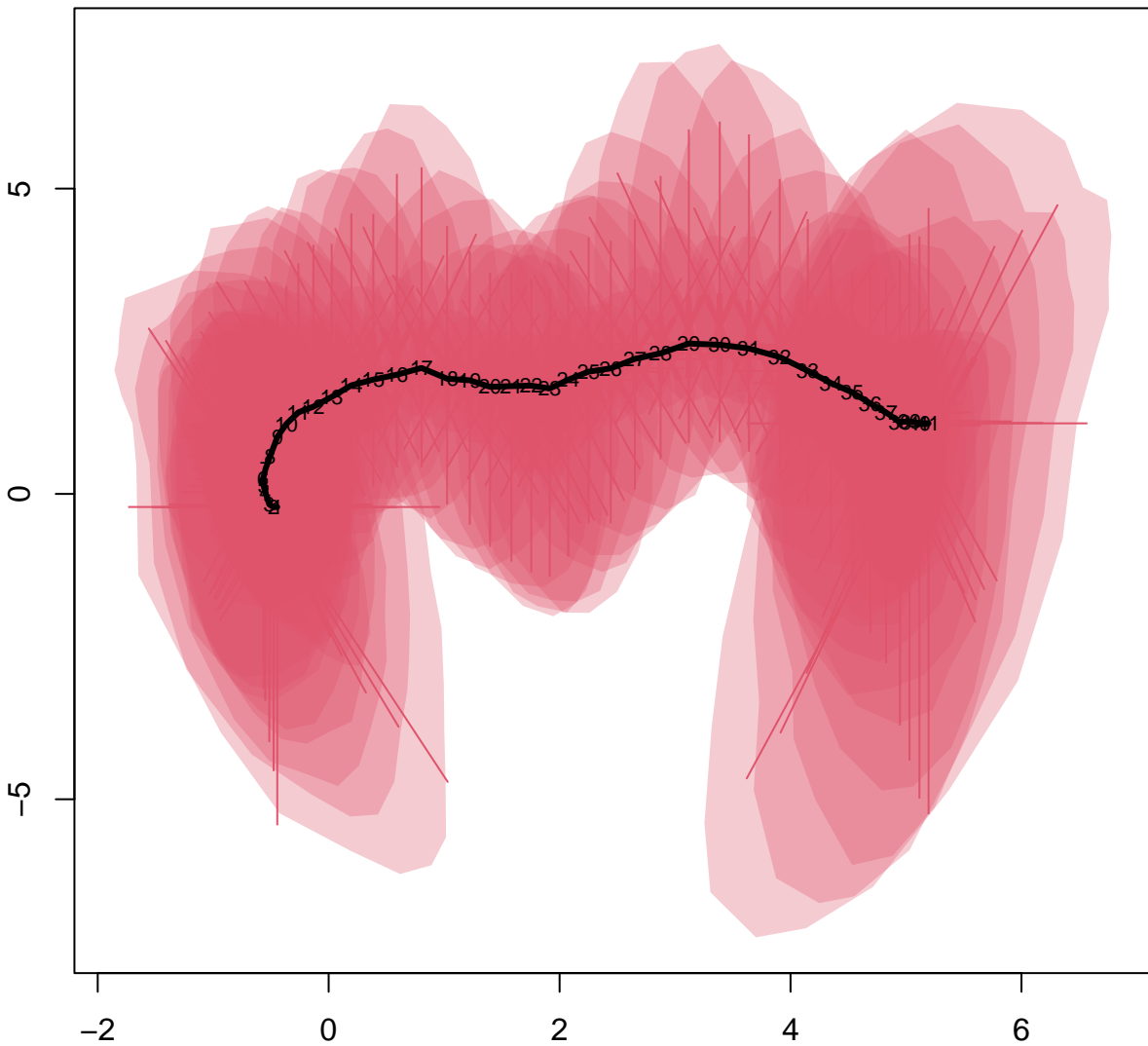


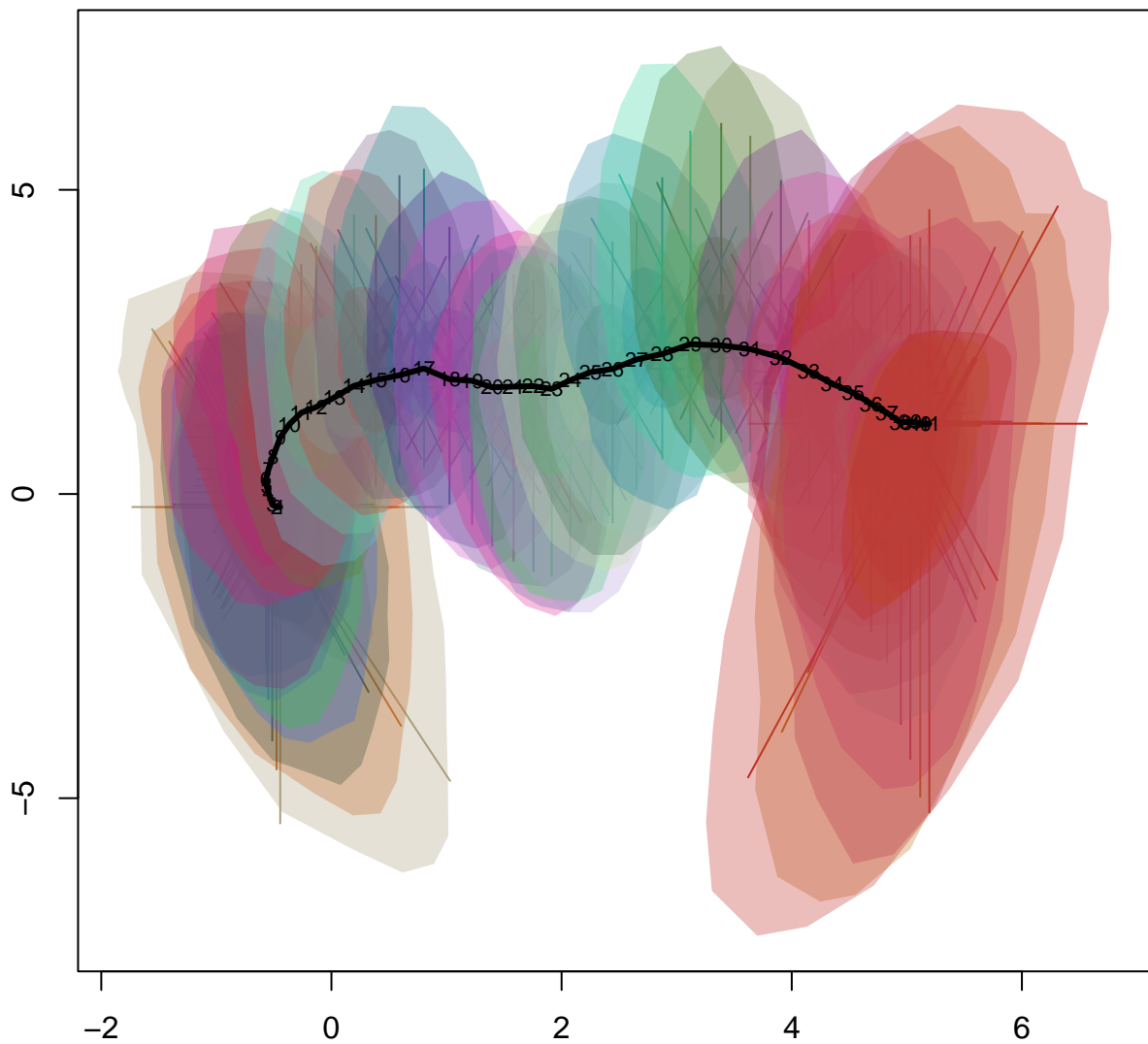


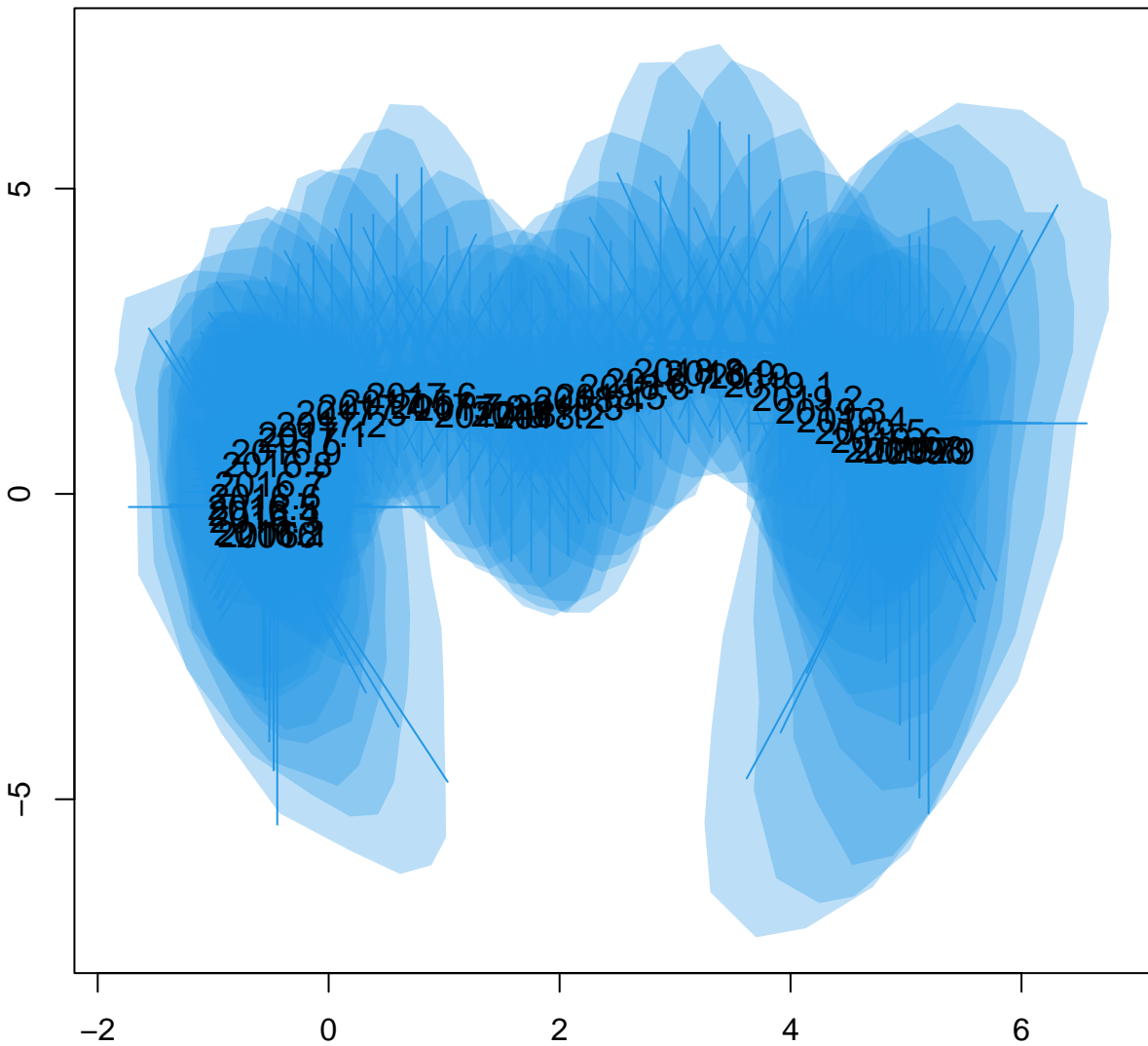


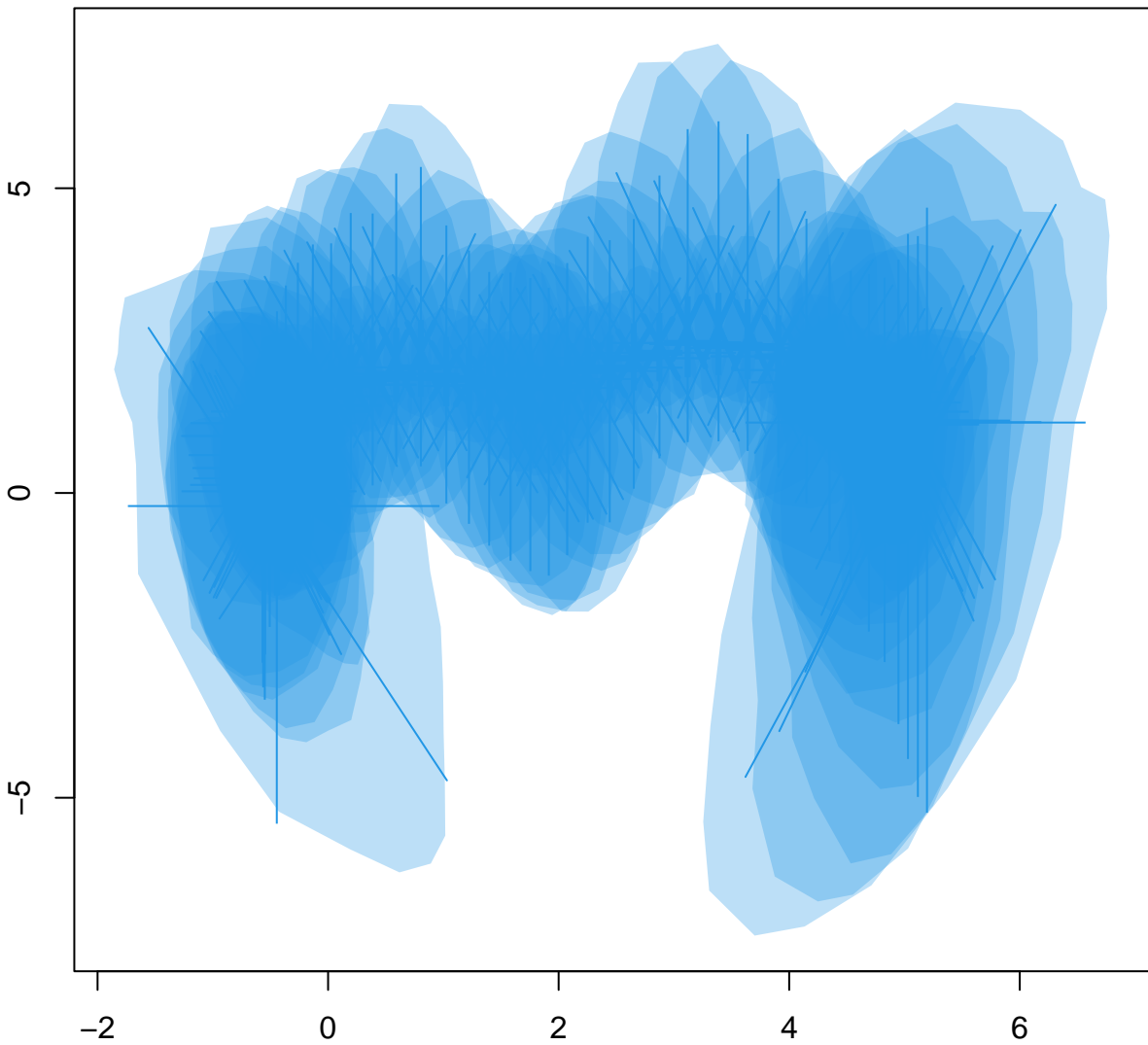


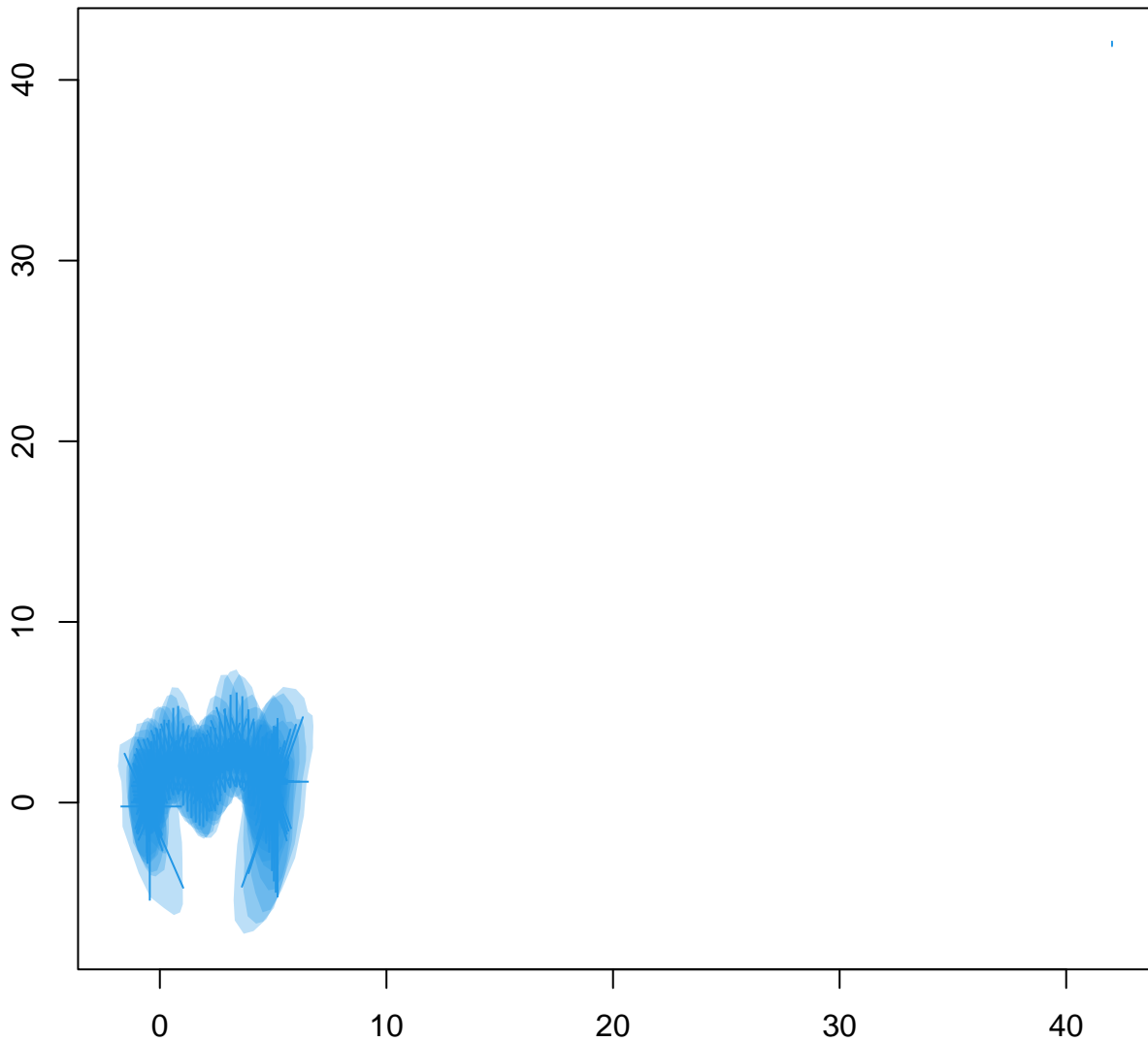


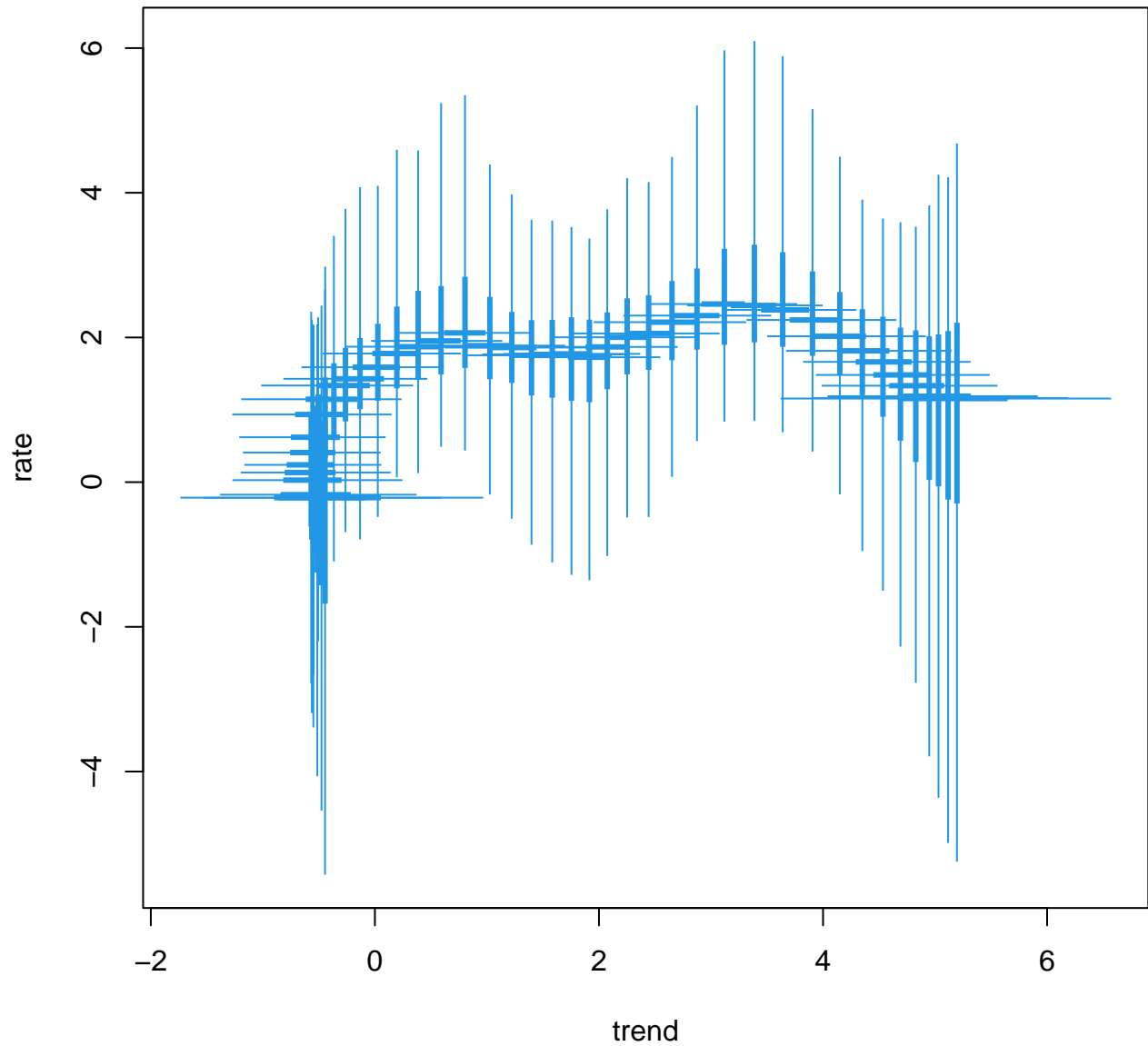


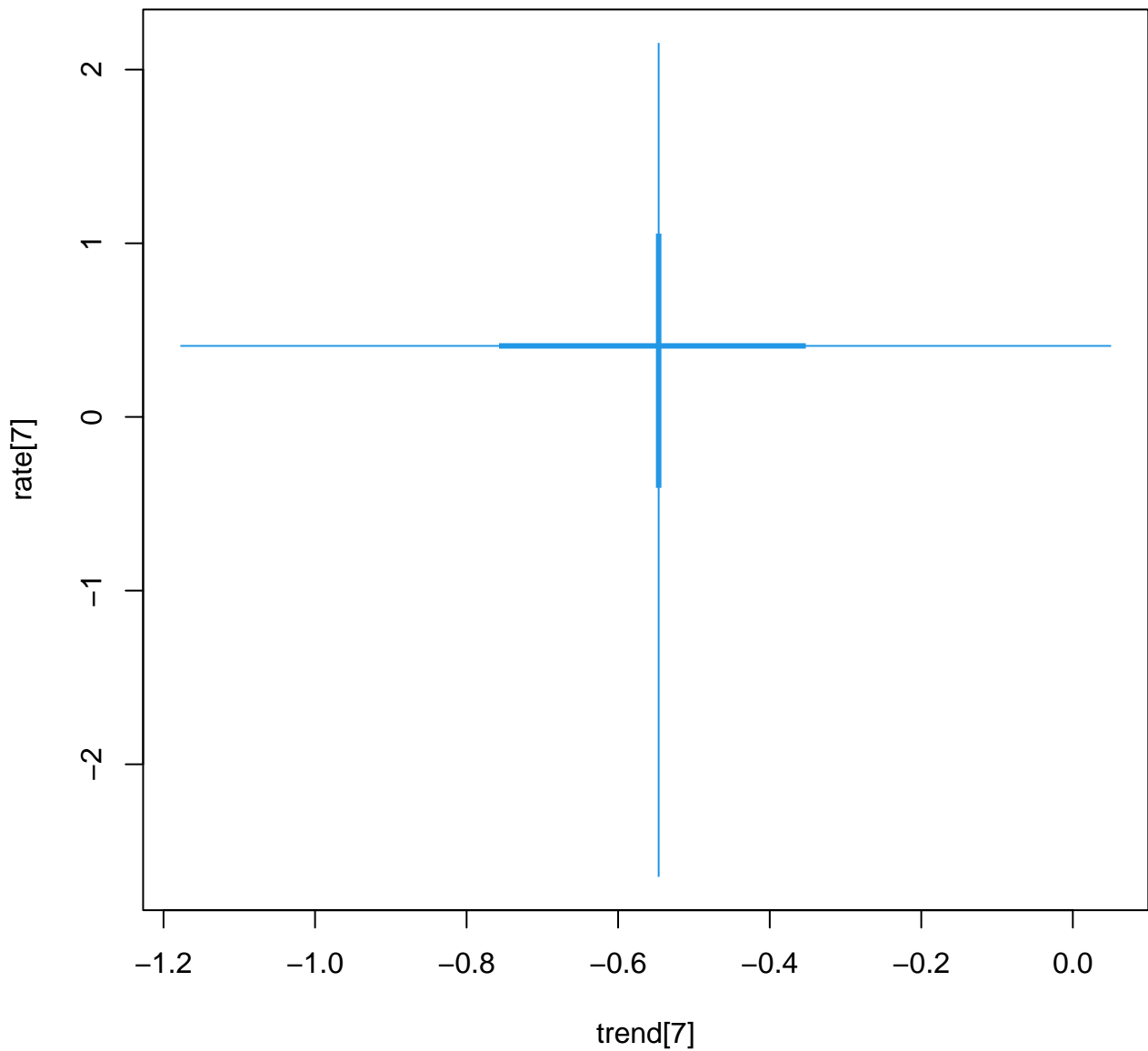


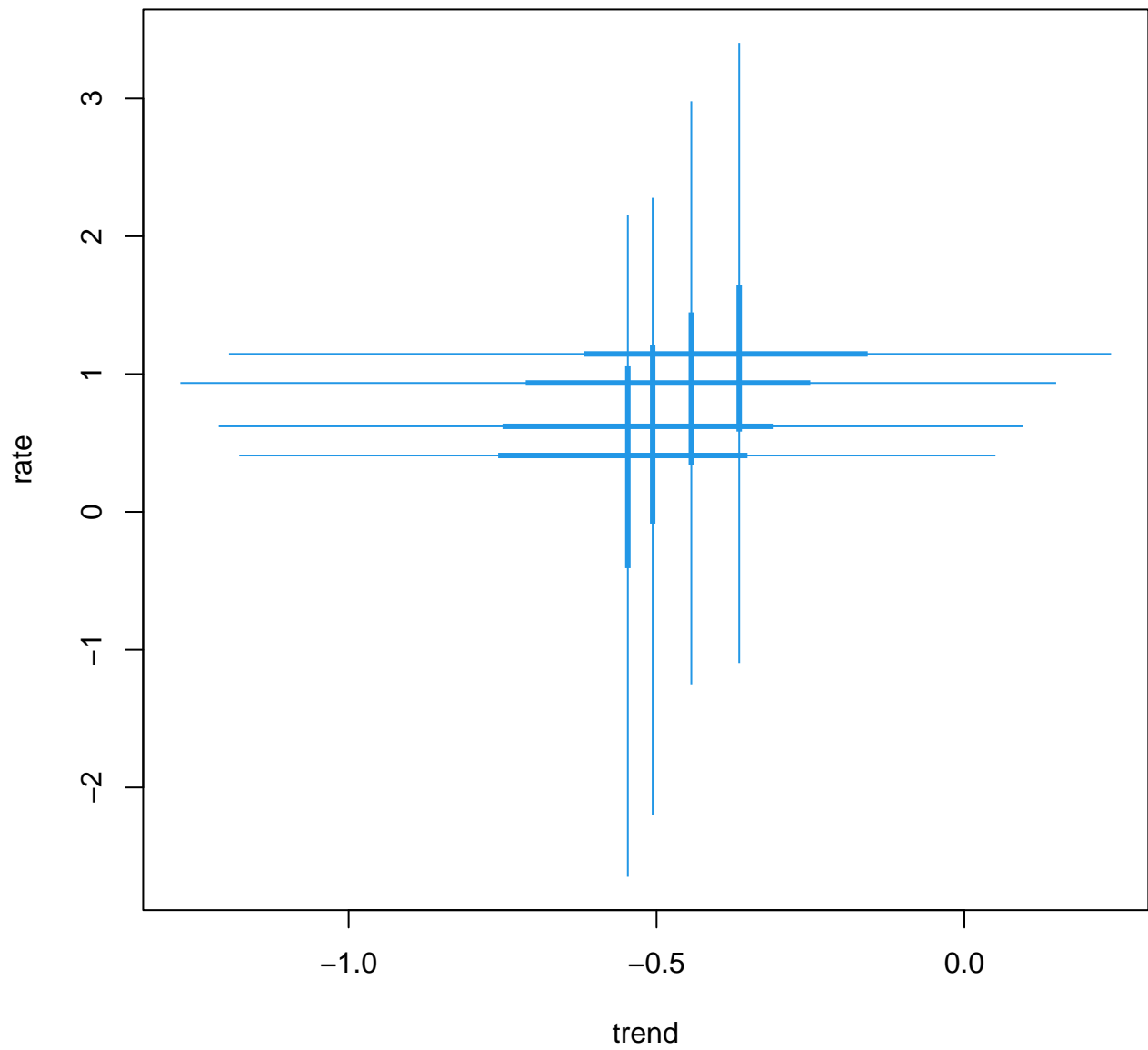


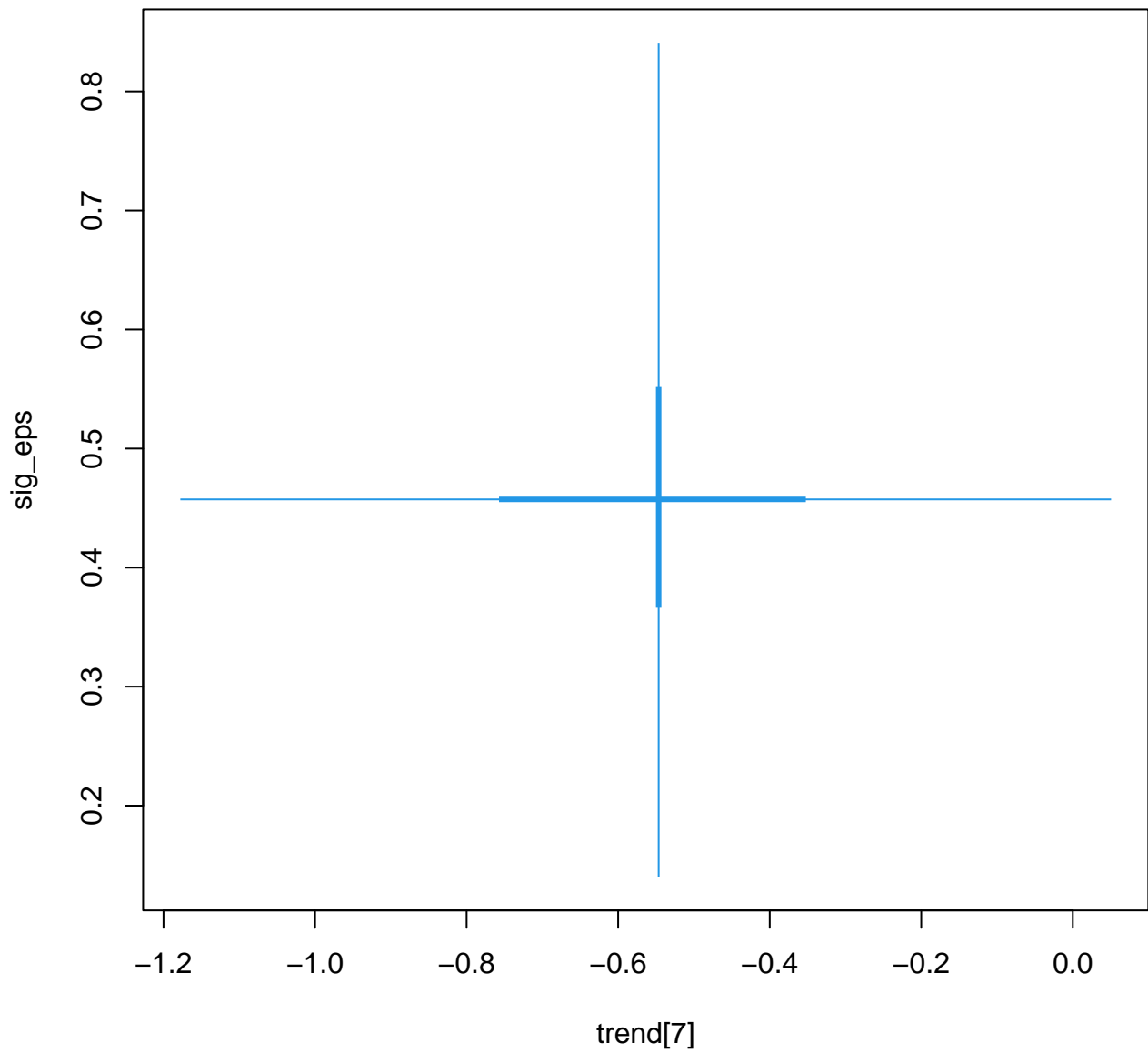


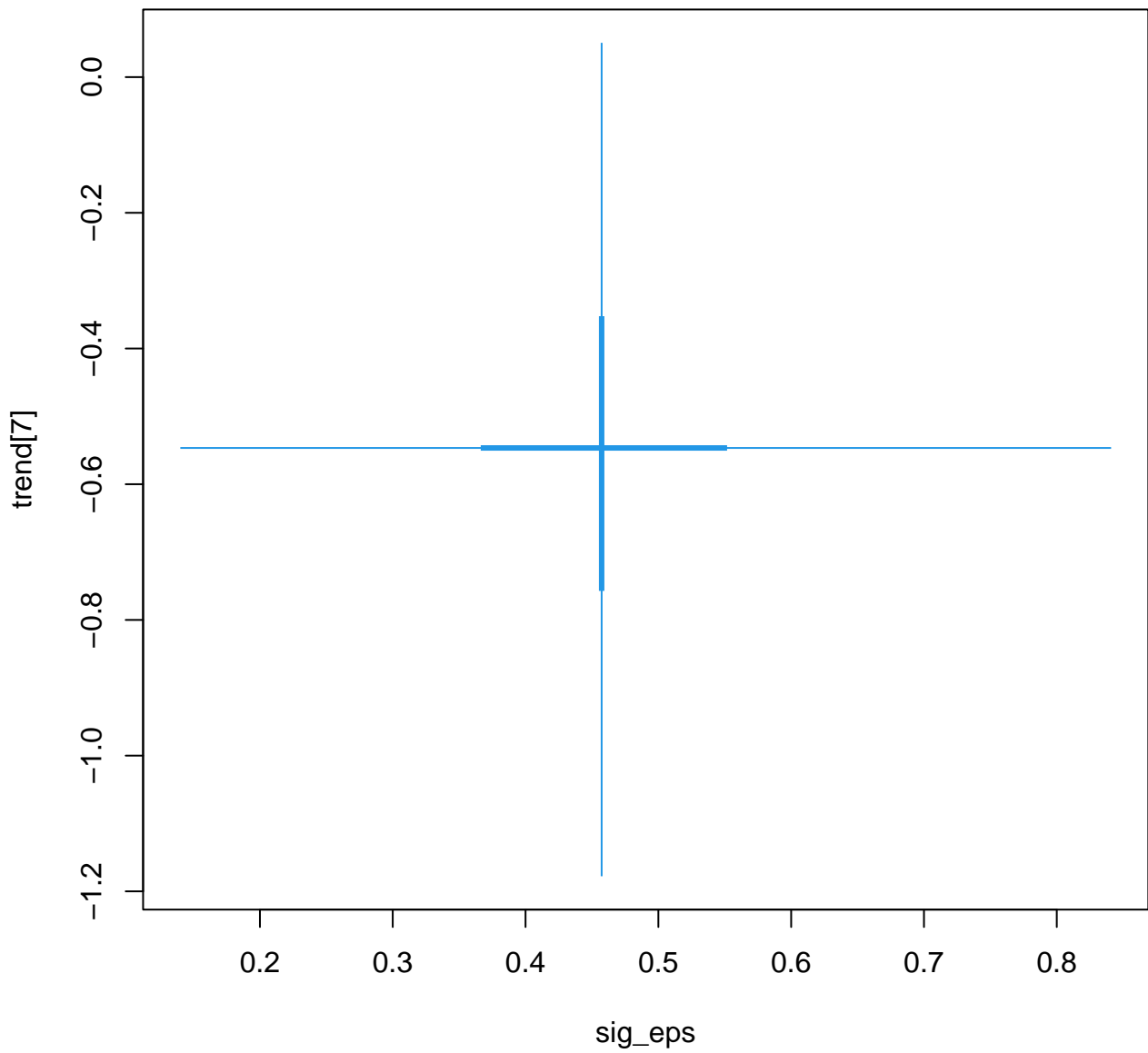


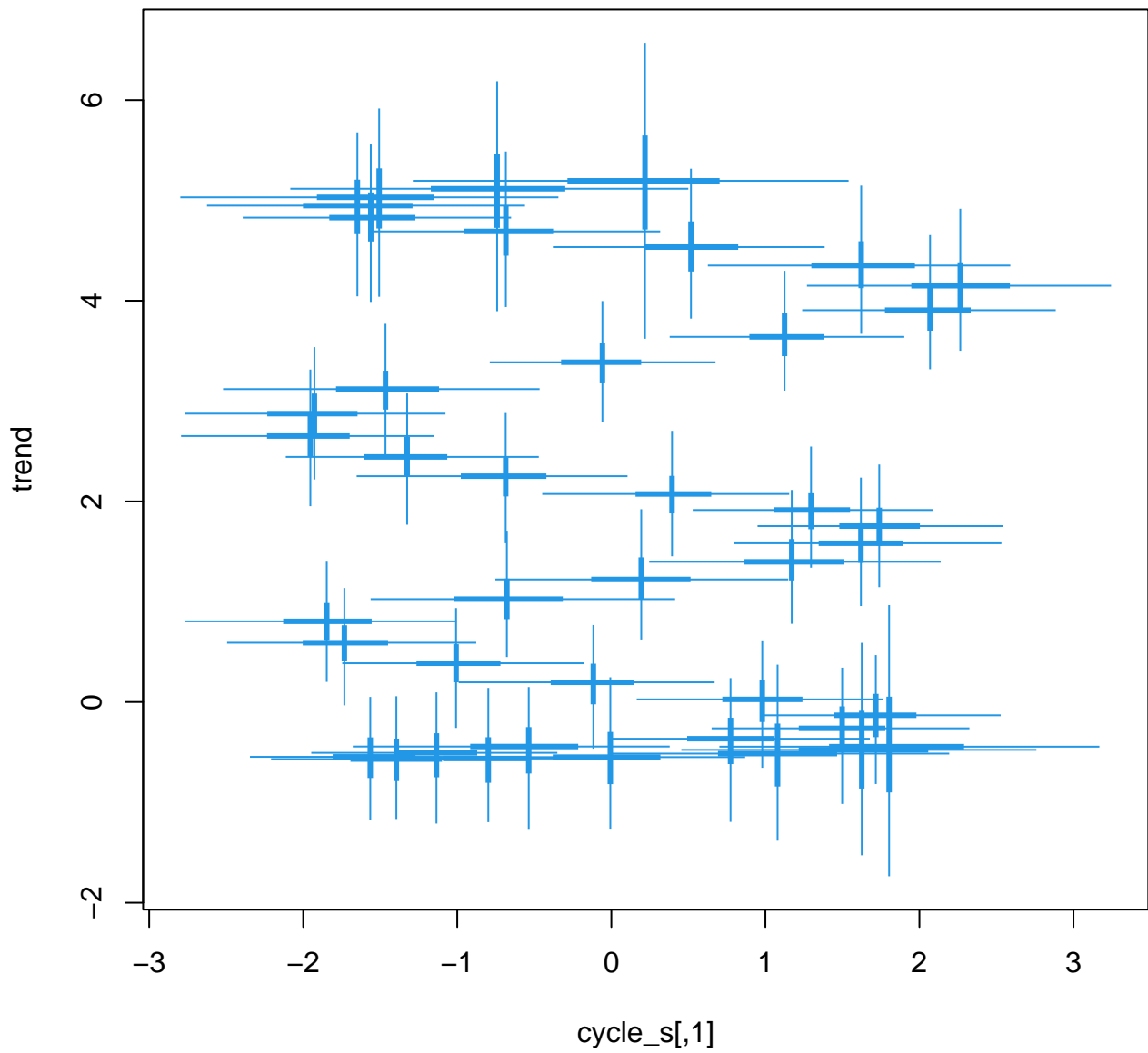


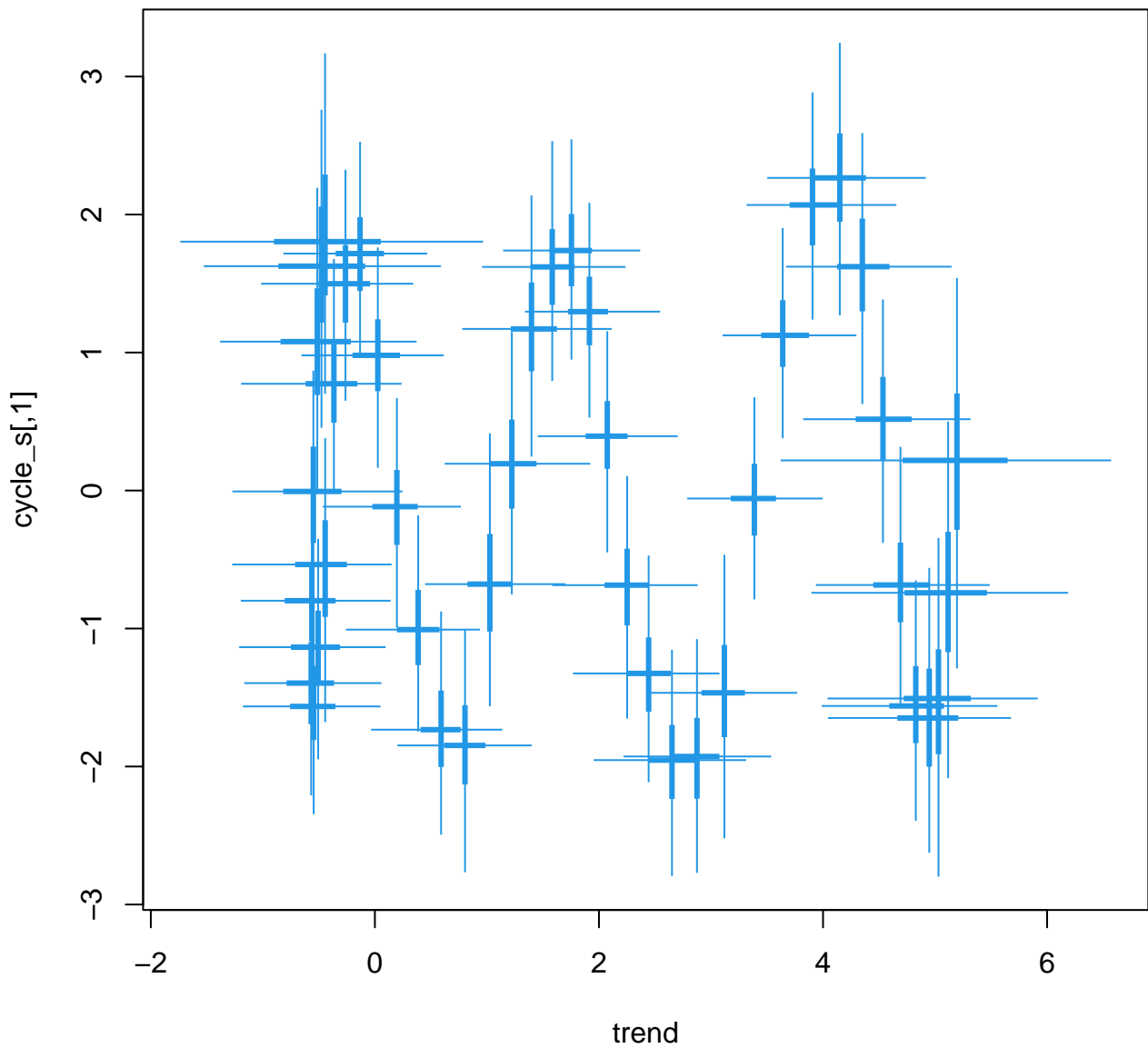




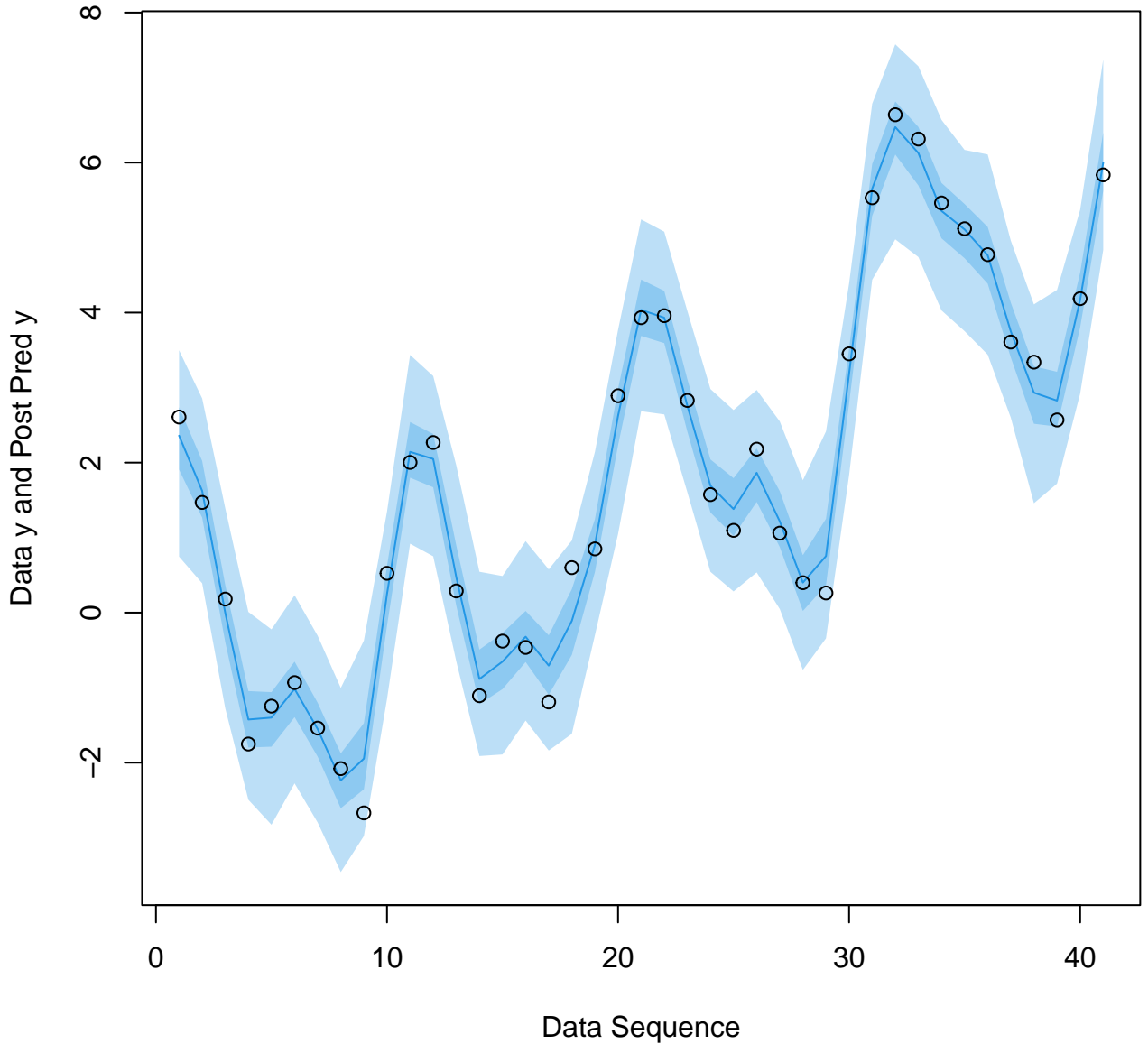




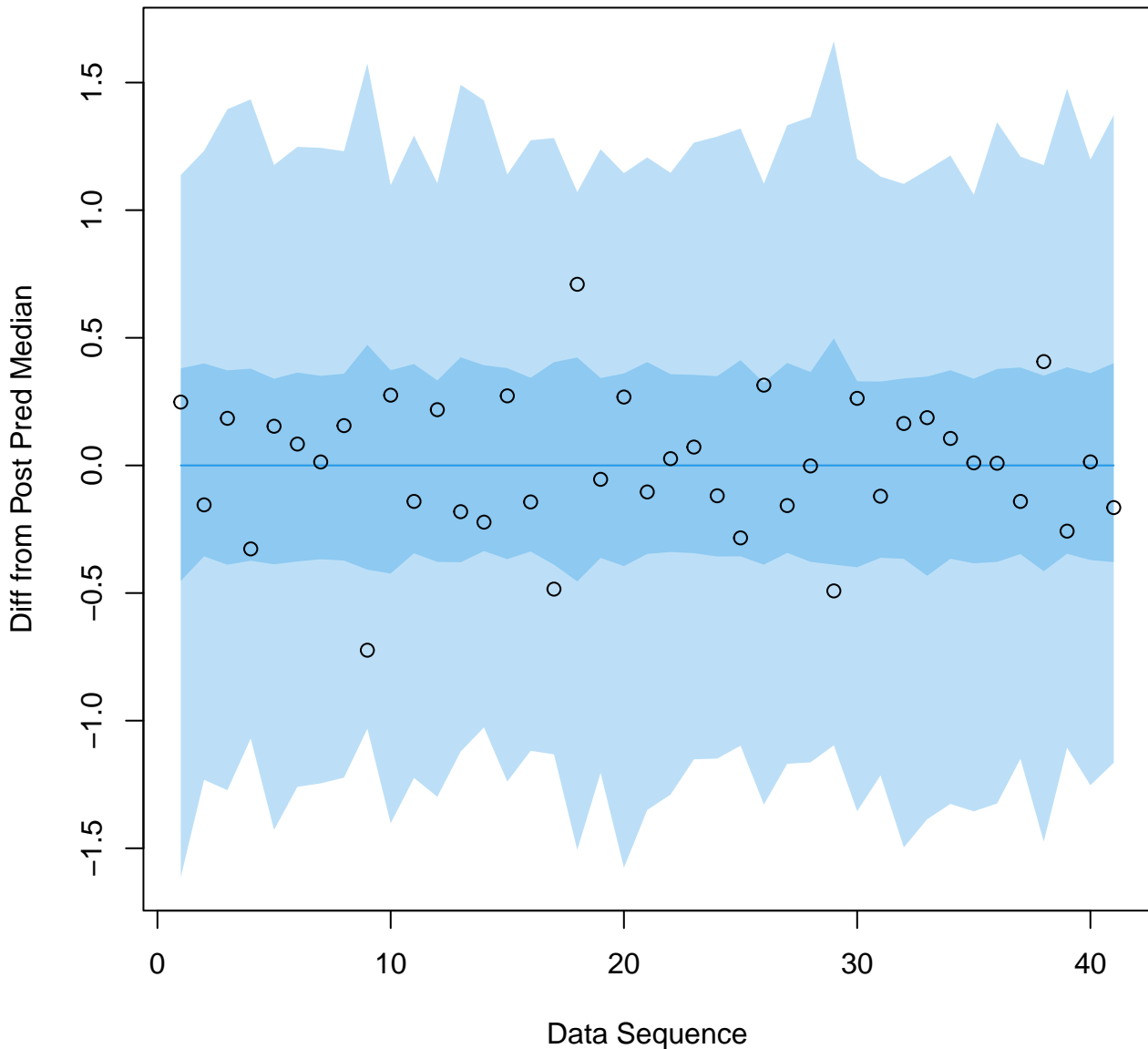


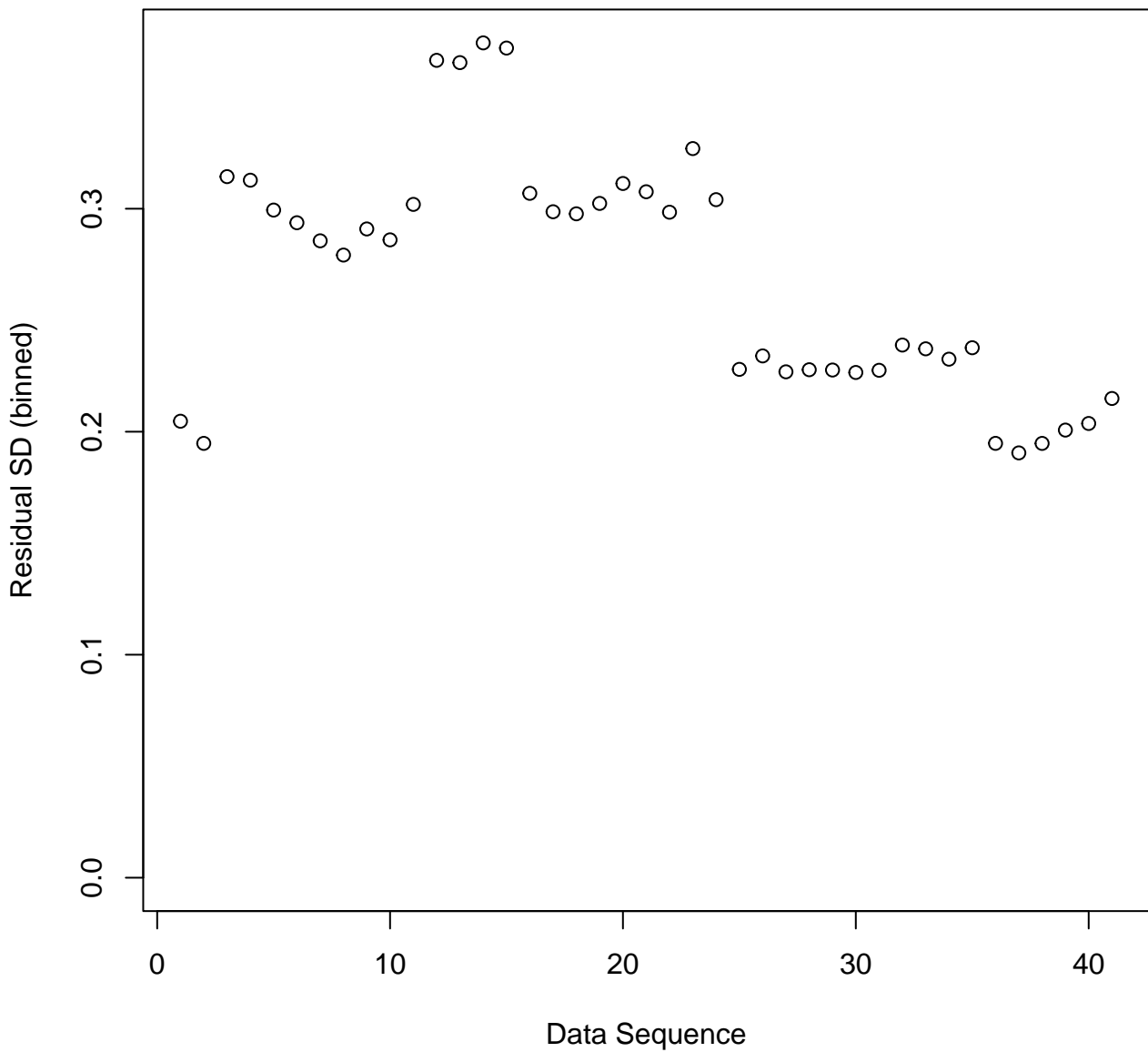


**Data y & Post Pred y
vs. Data Sequence**

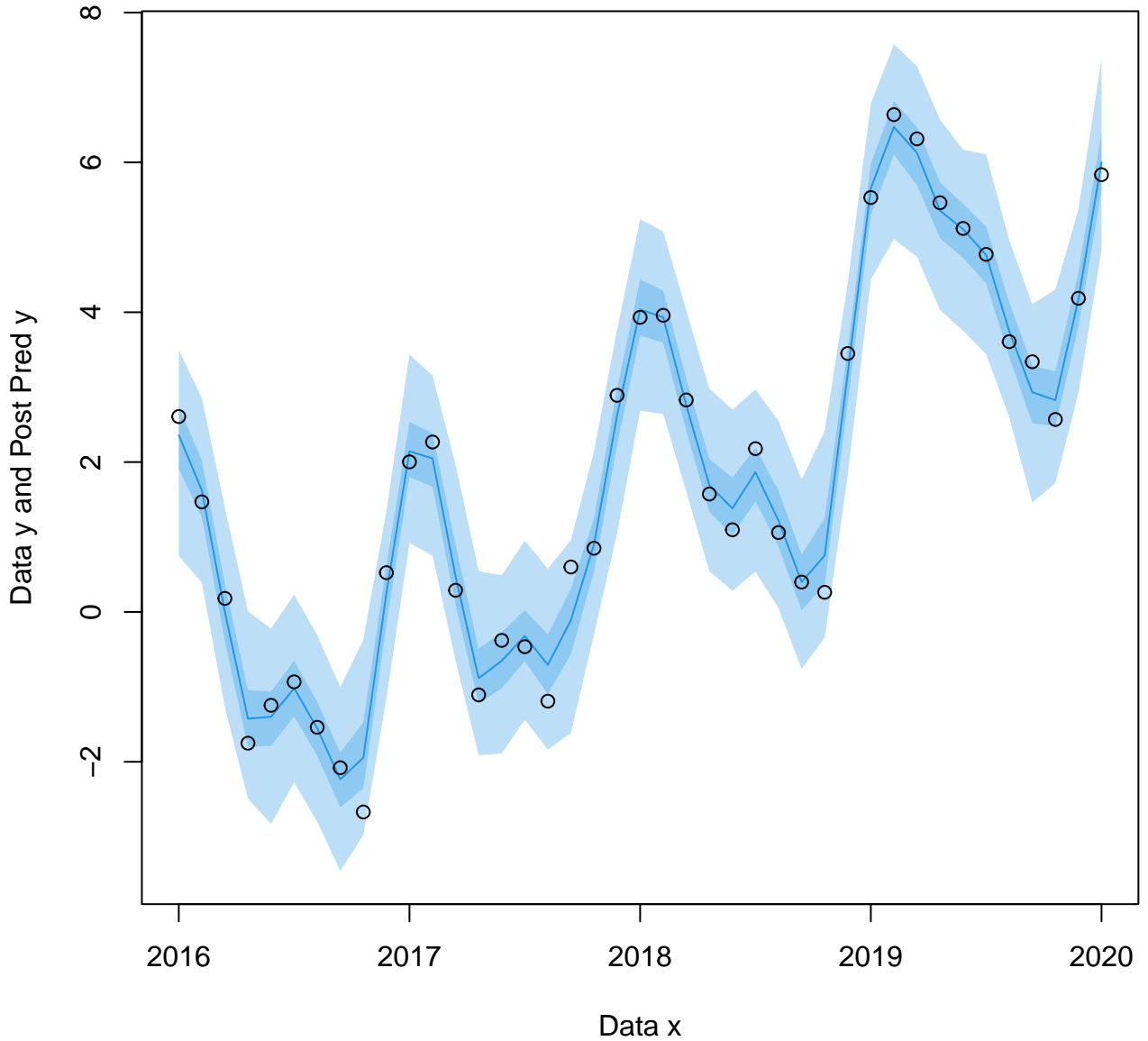


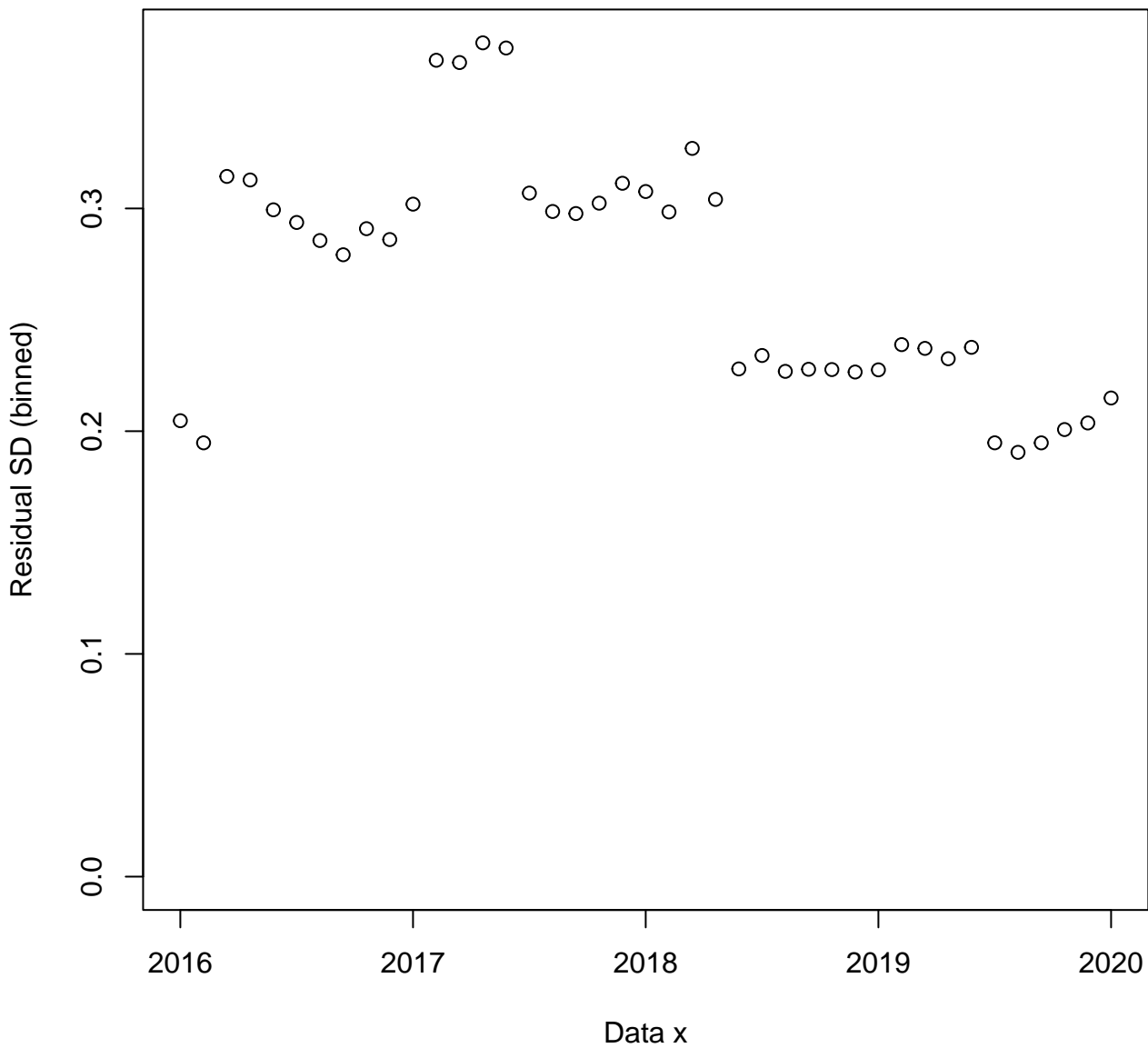
Residuals & PP Residual vs. Data Sequence



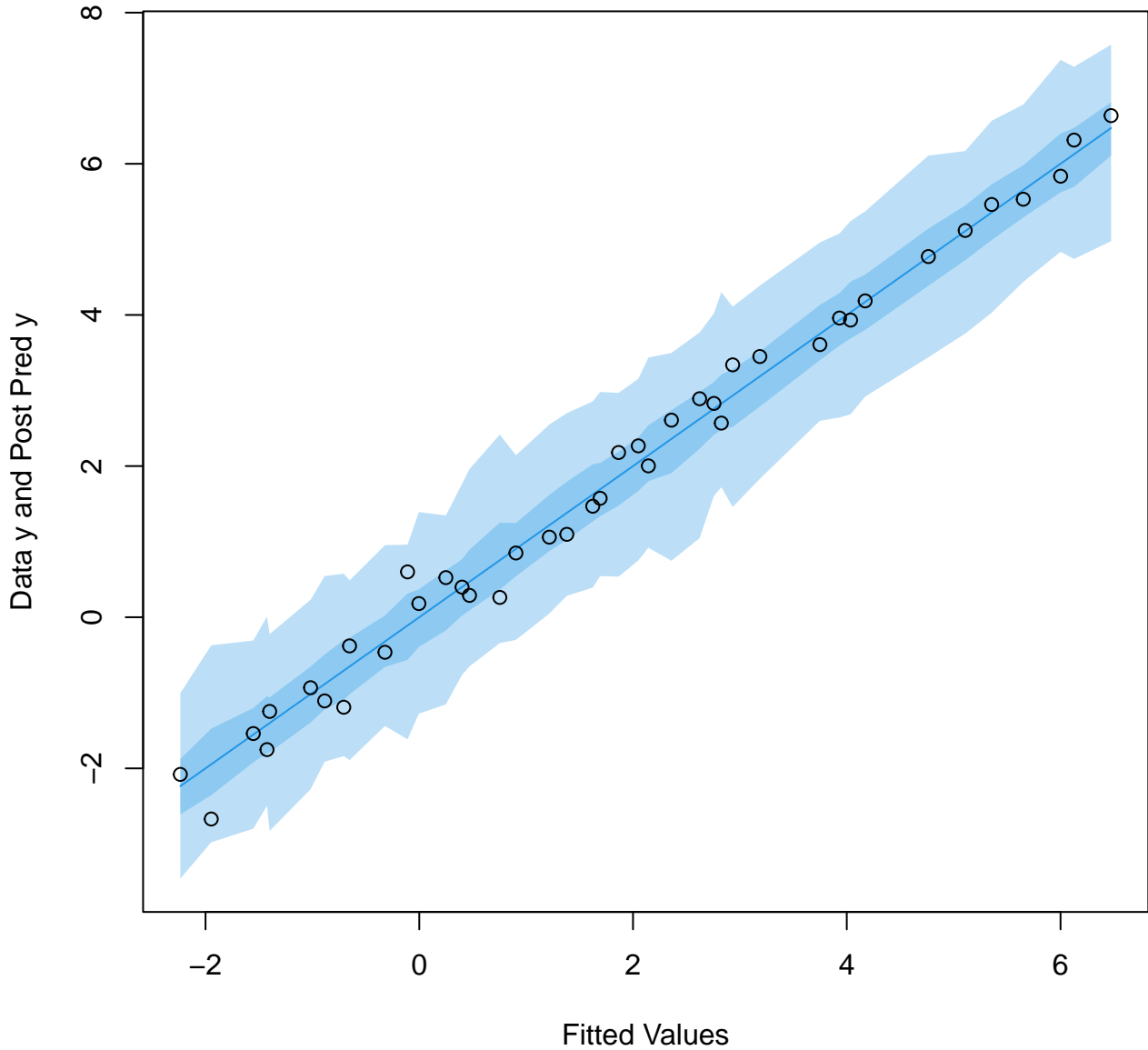


Data y & Post Pred y vs. Data x

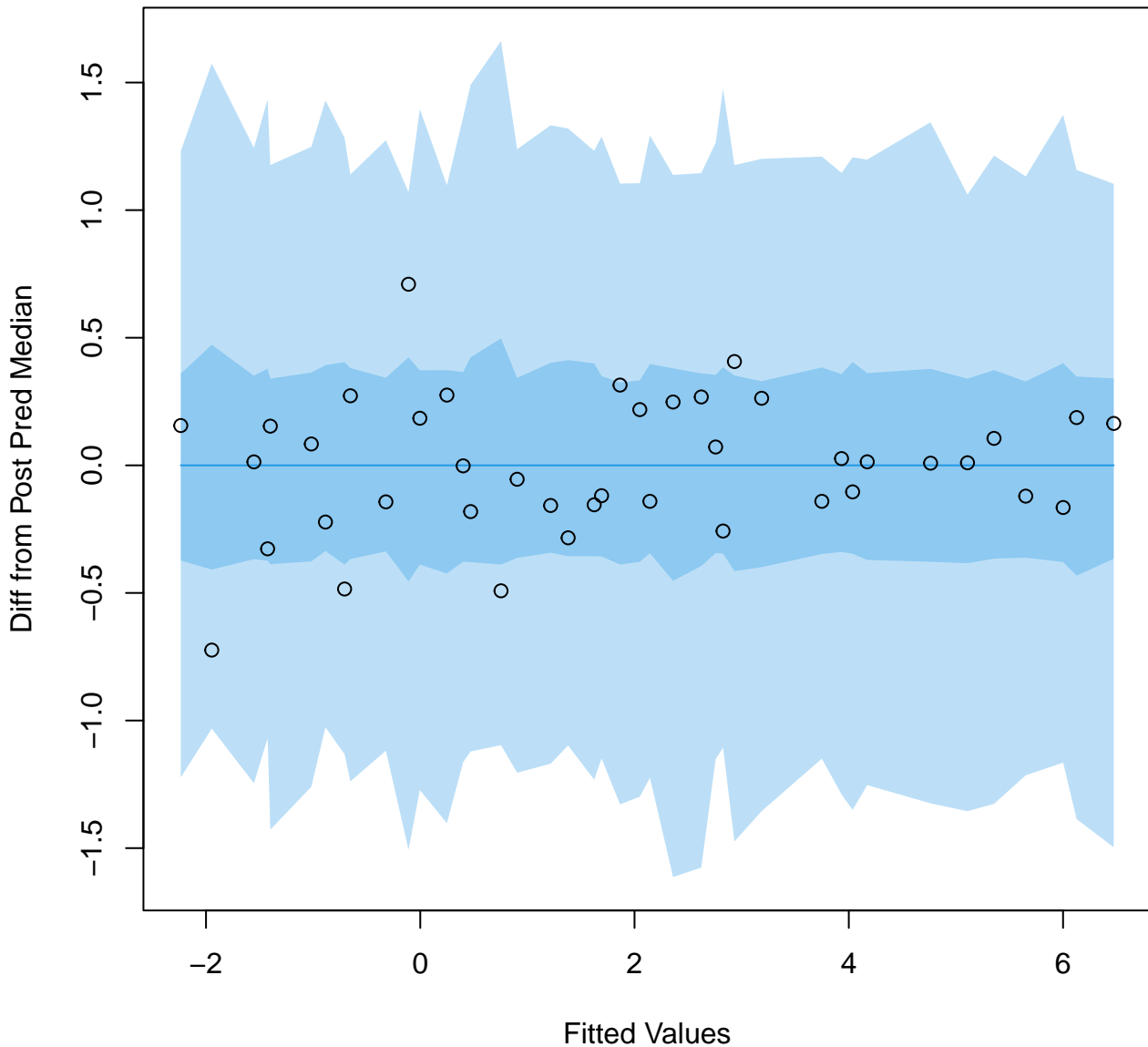


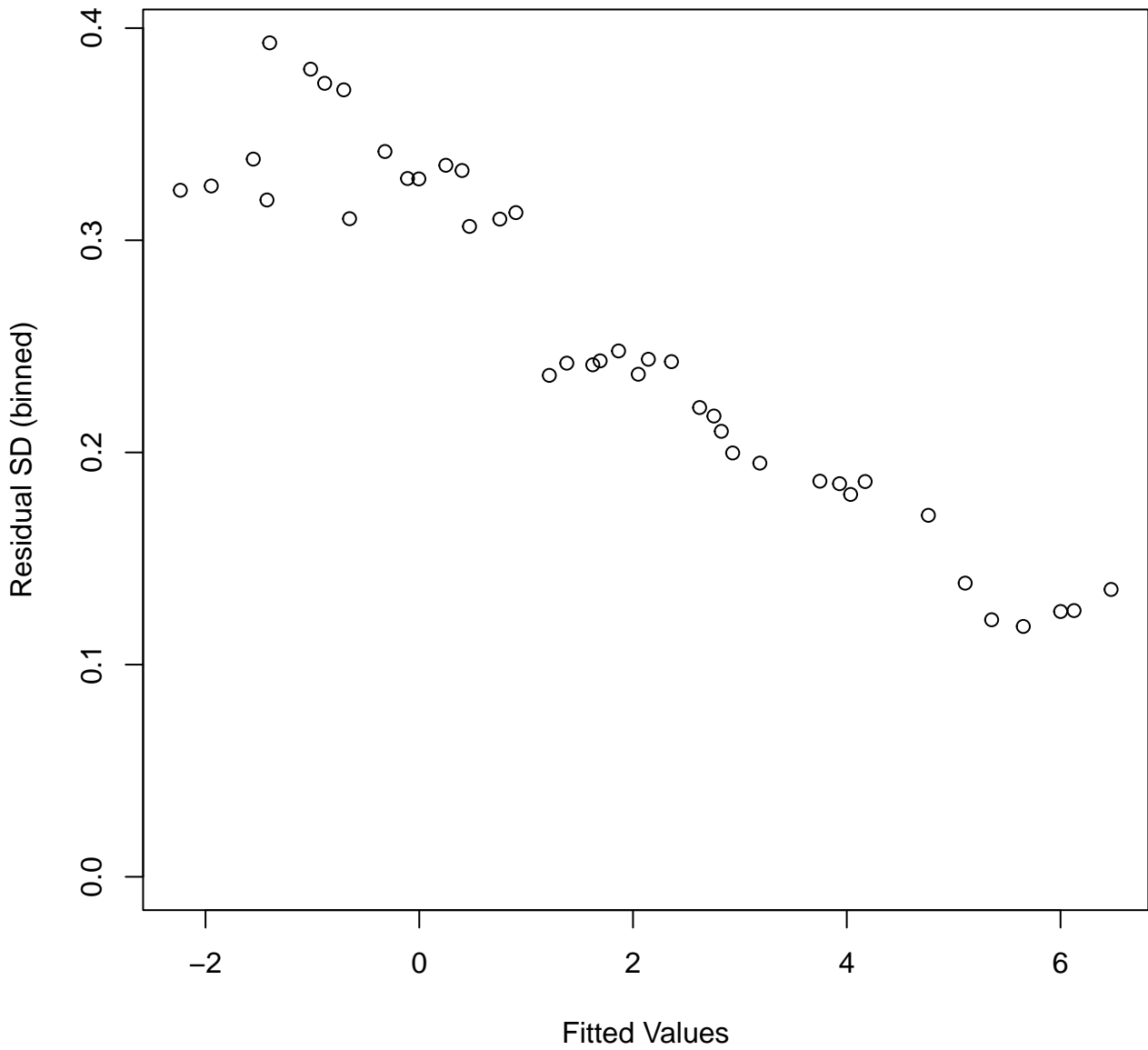


Data y & Post Pred y vs. Fitted Values

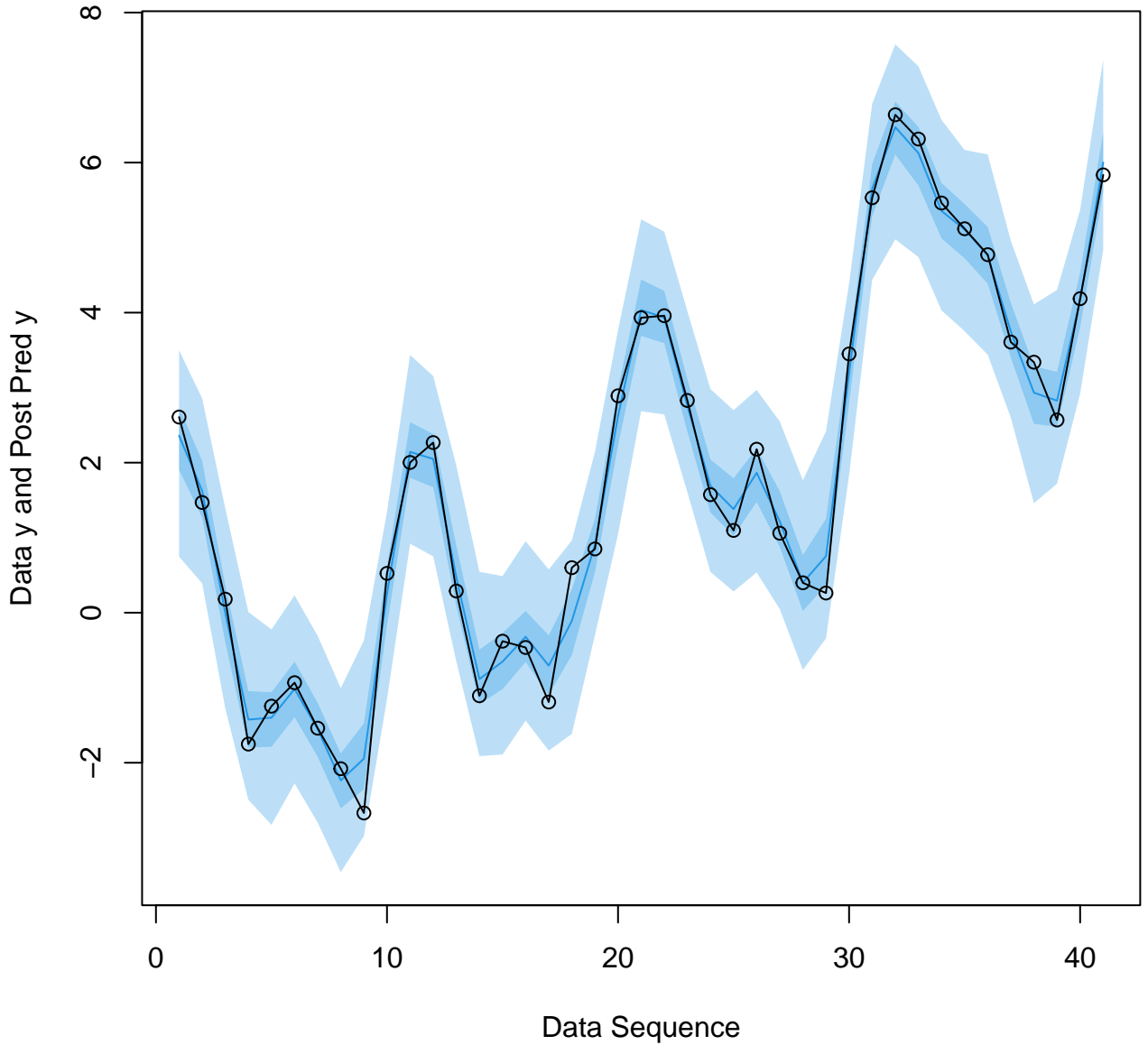


Residuals & PP Residual vs. Fitted Values

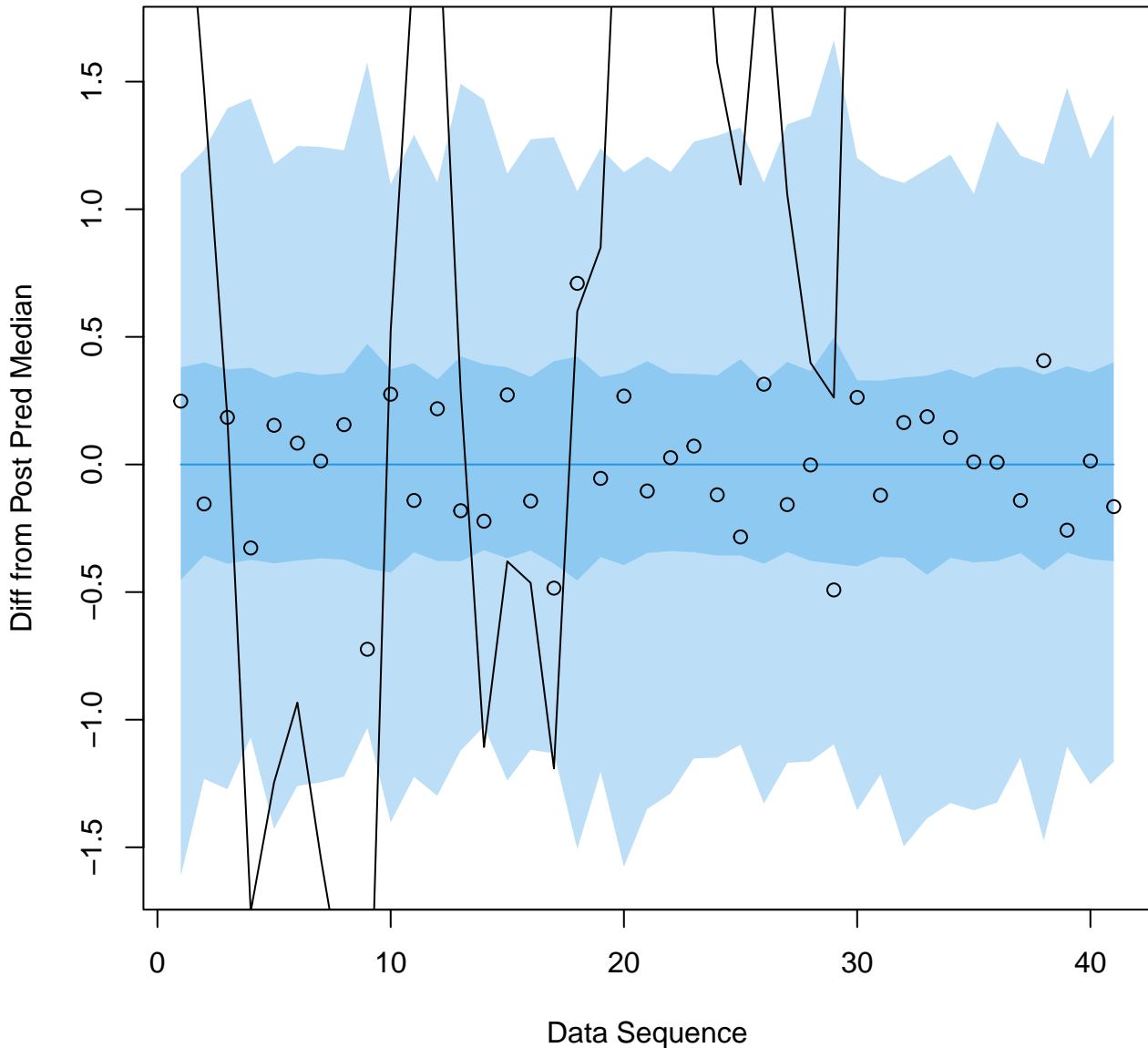


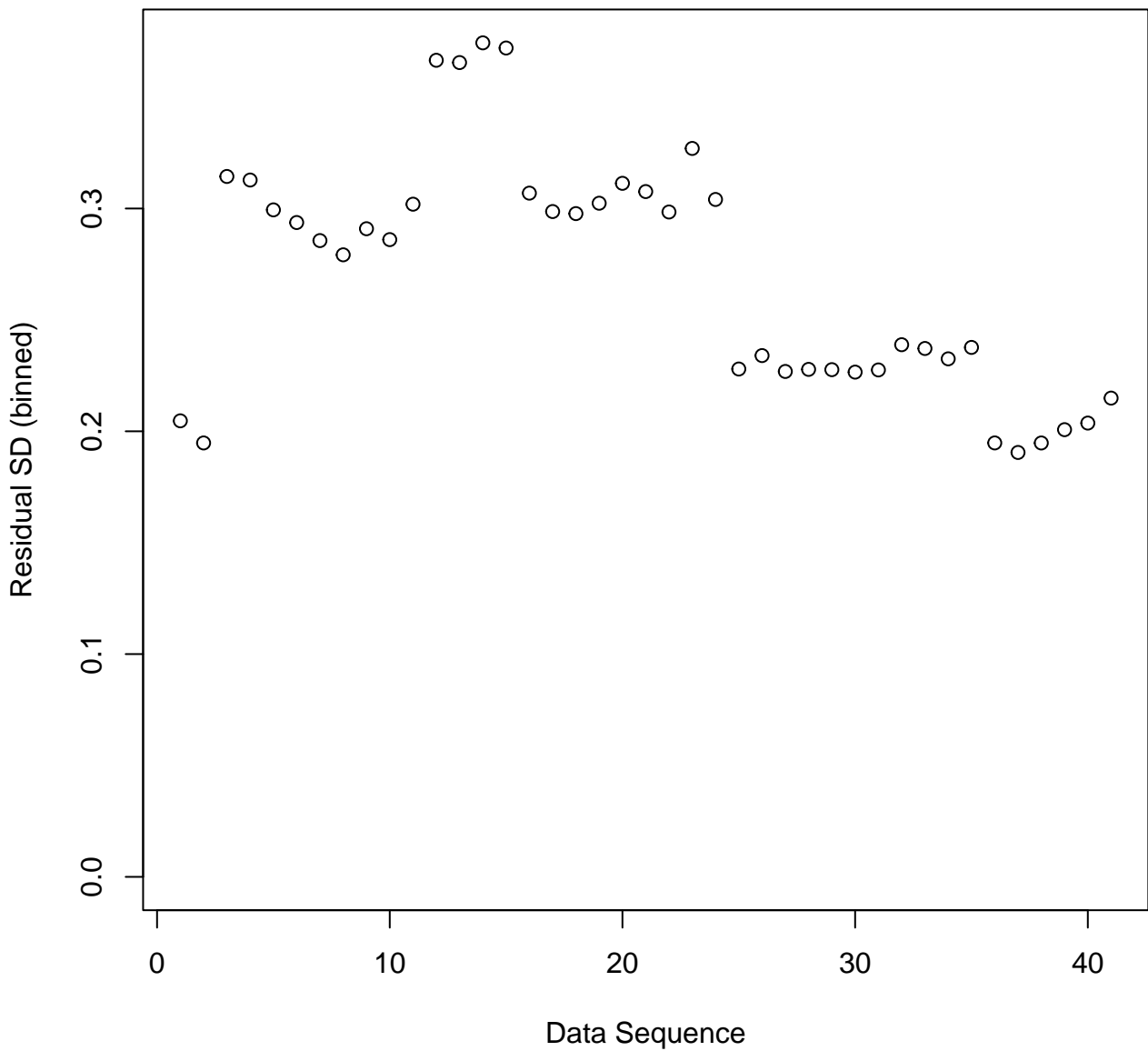


**Data y & Post Pred y
vs. Data Sequence**

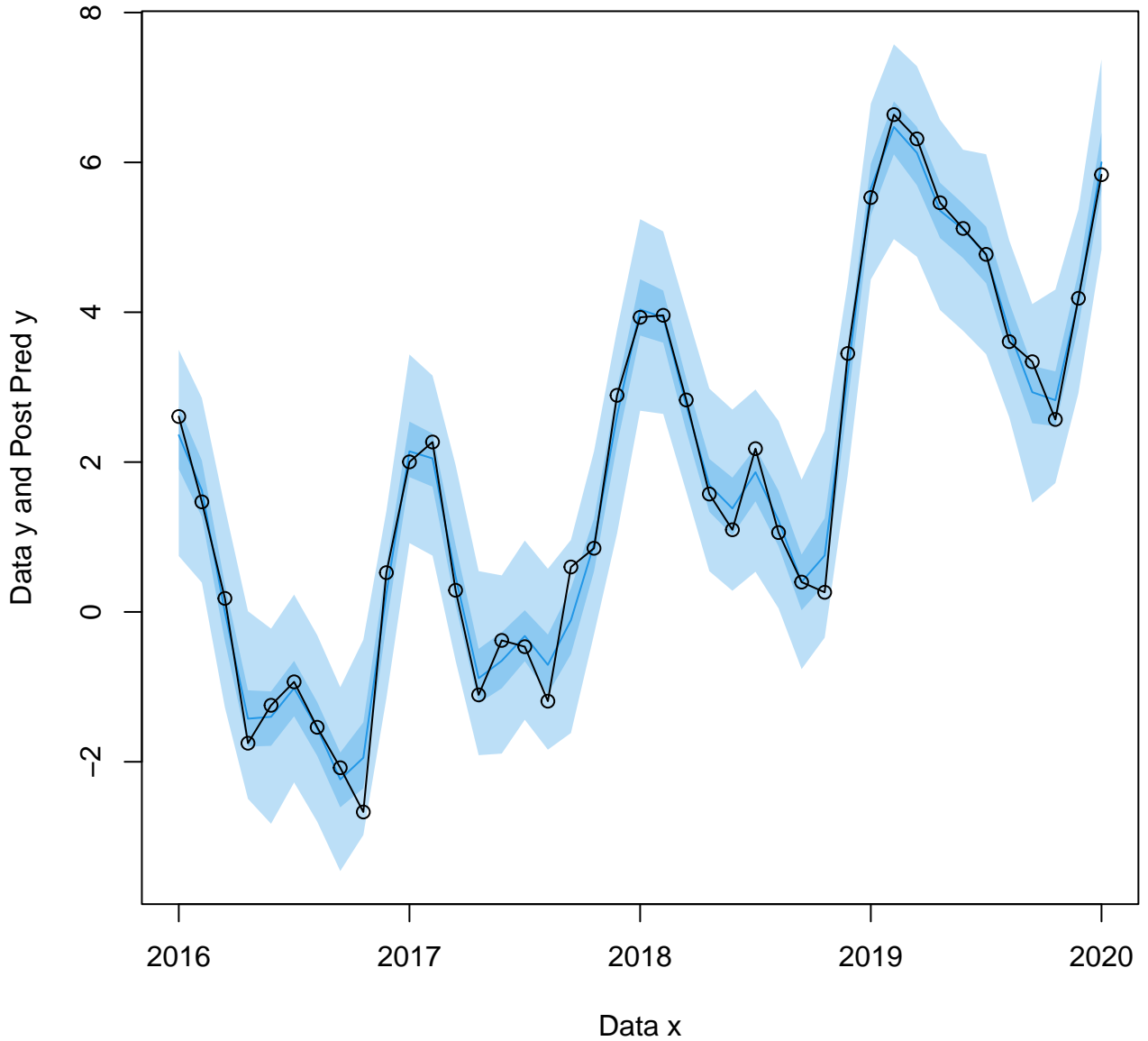


Residuals & PP Residual vs. Data Sequence

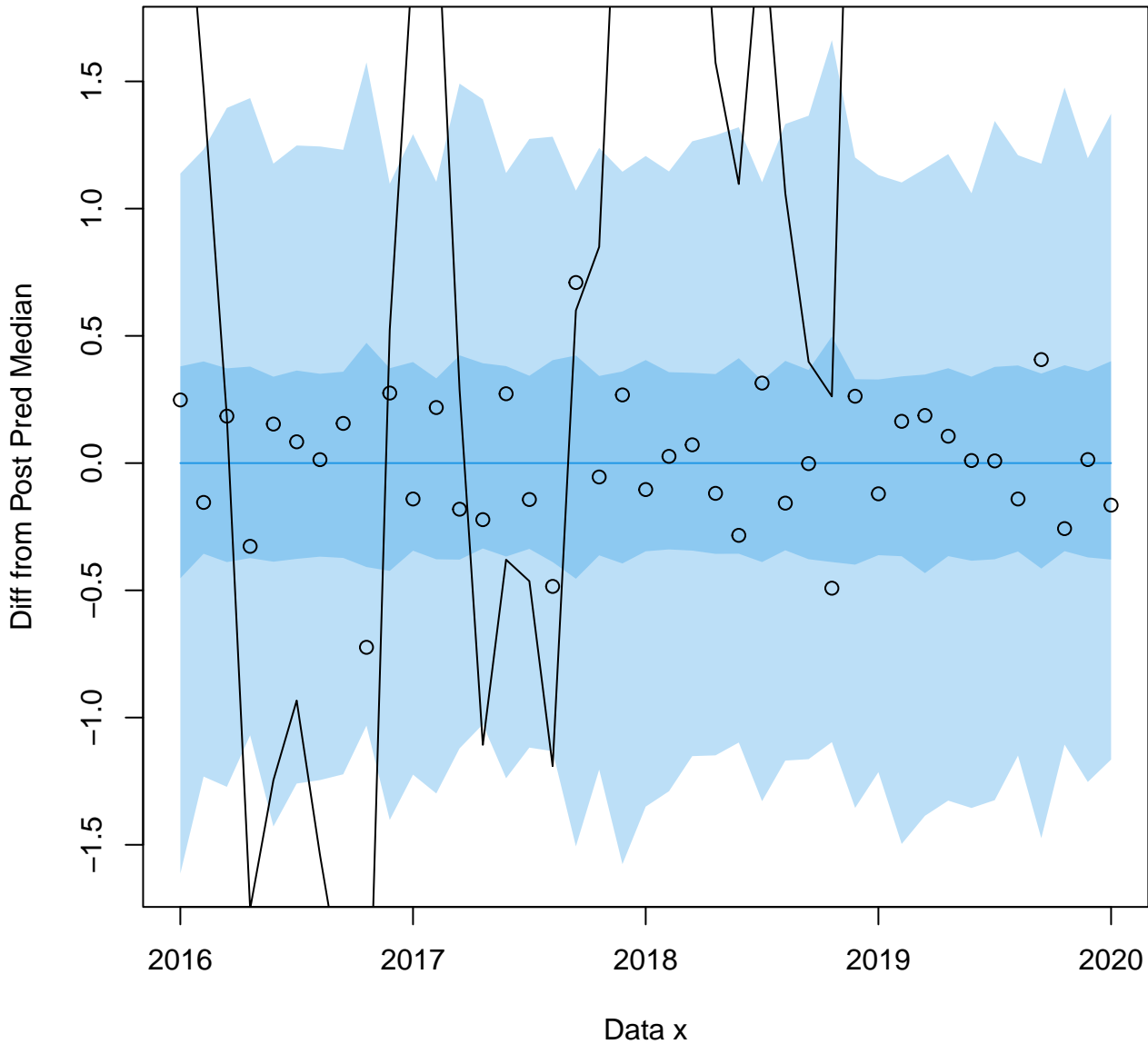


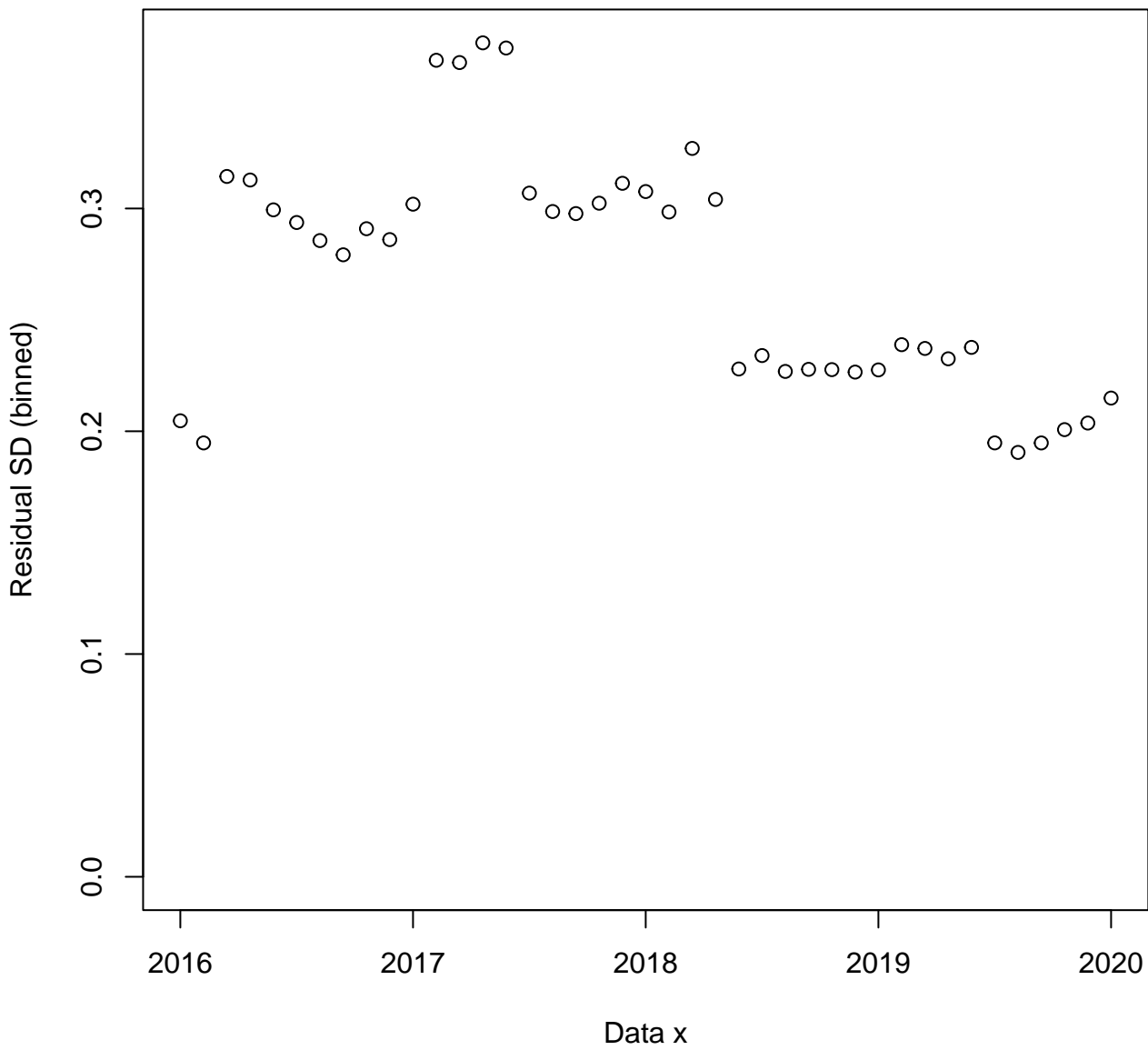


Data y & Post Pred y vs. Data x

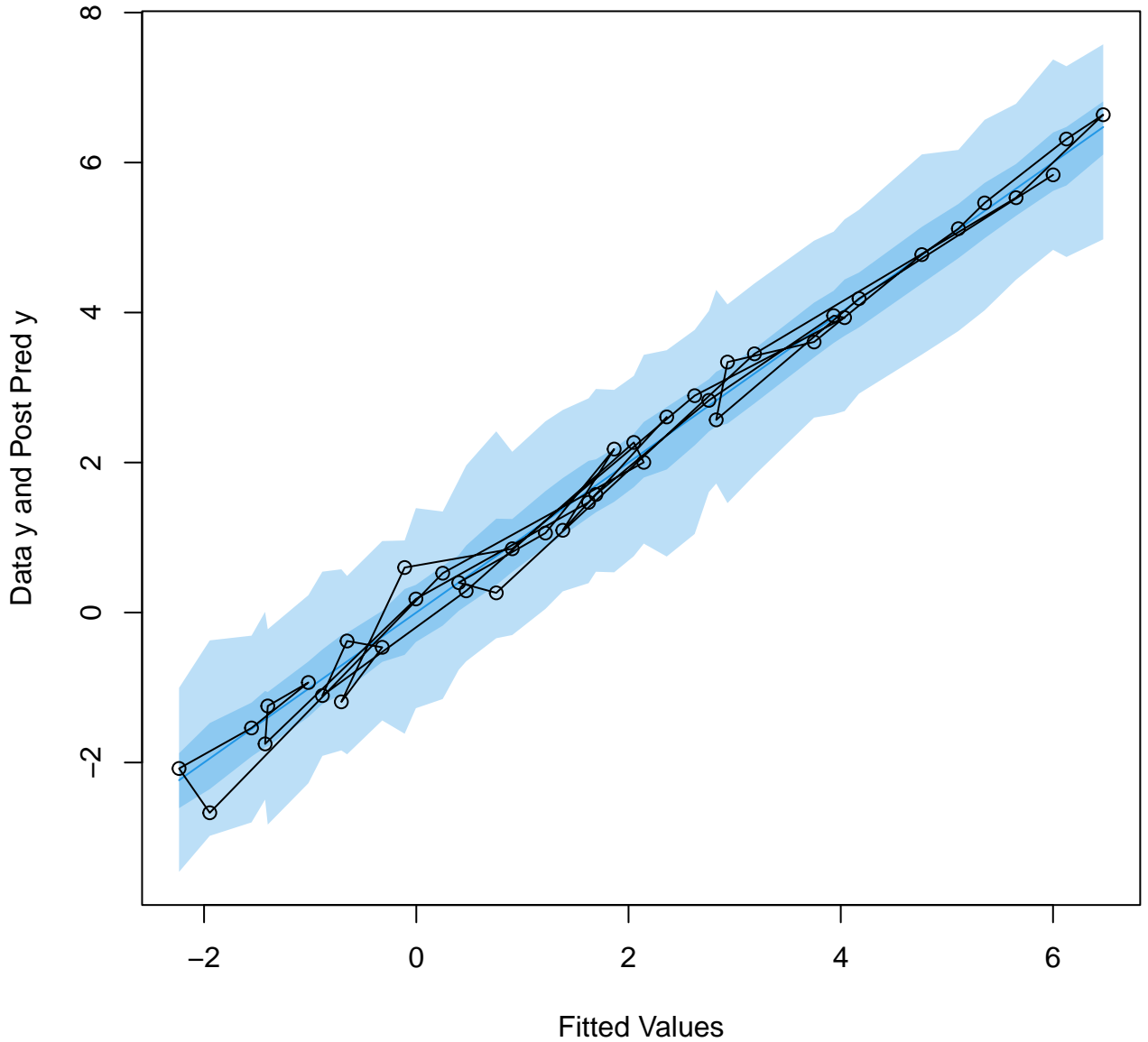


Residuals & PP Residual vs. Data x

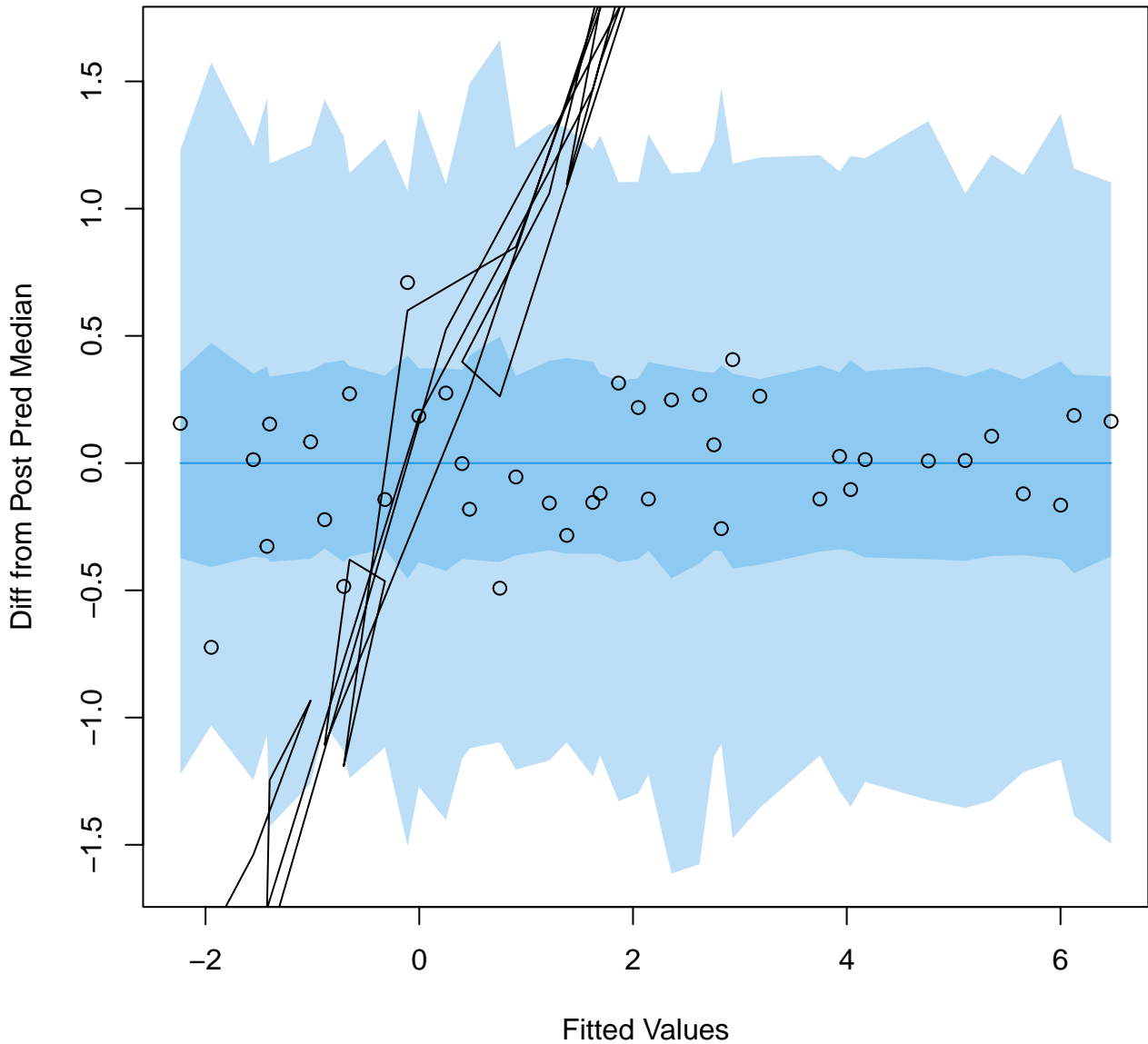


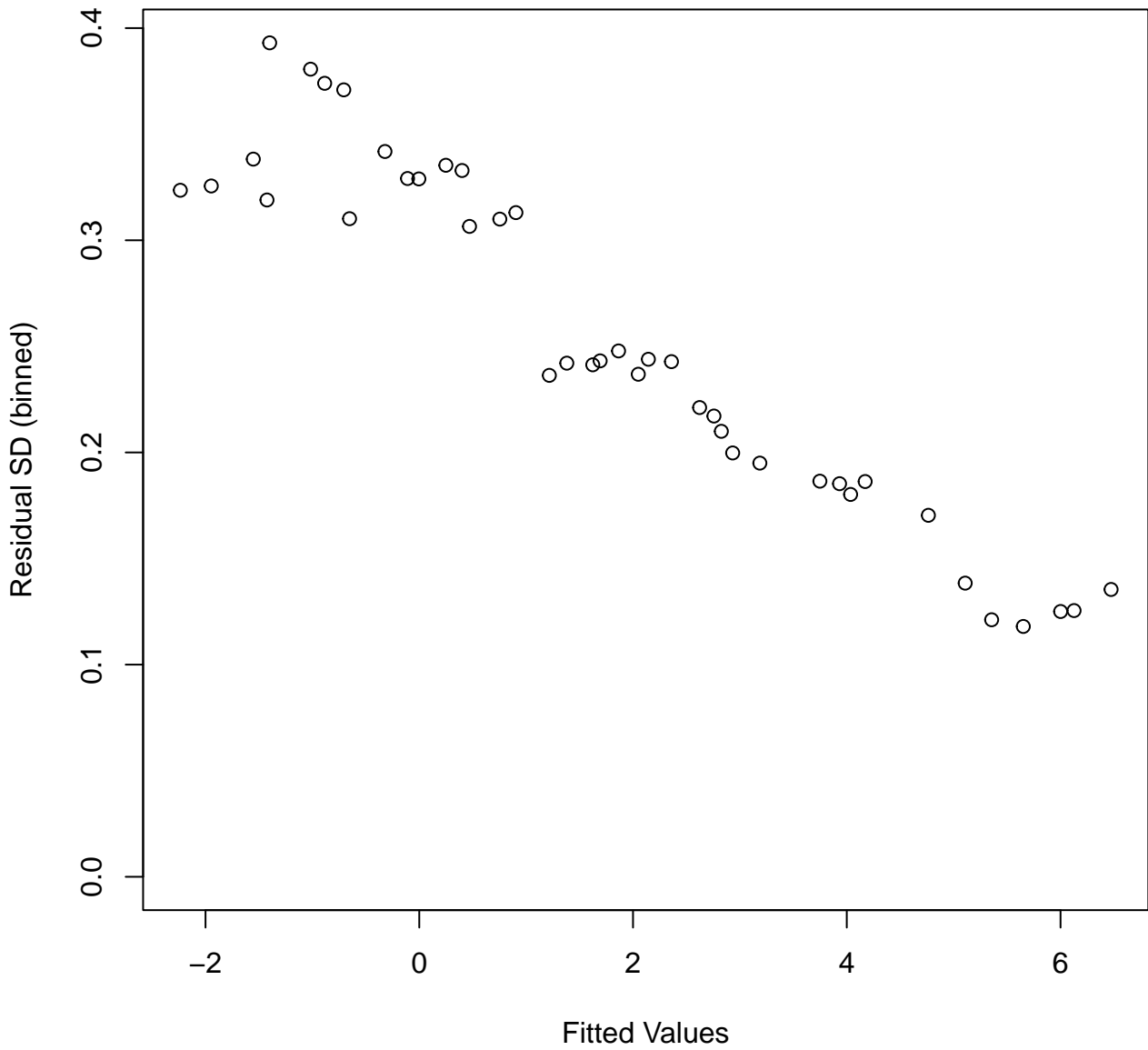


Data y & Post Pred y vs. Fitted Values

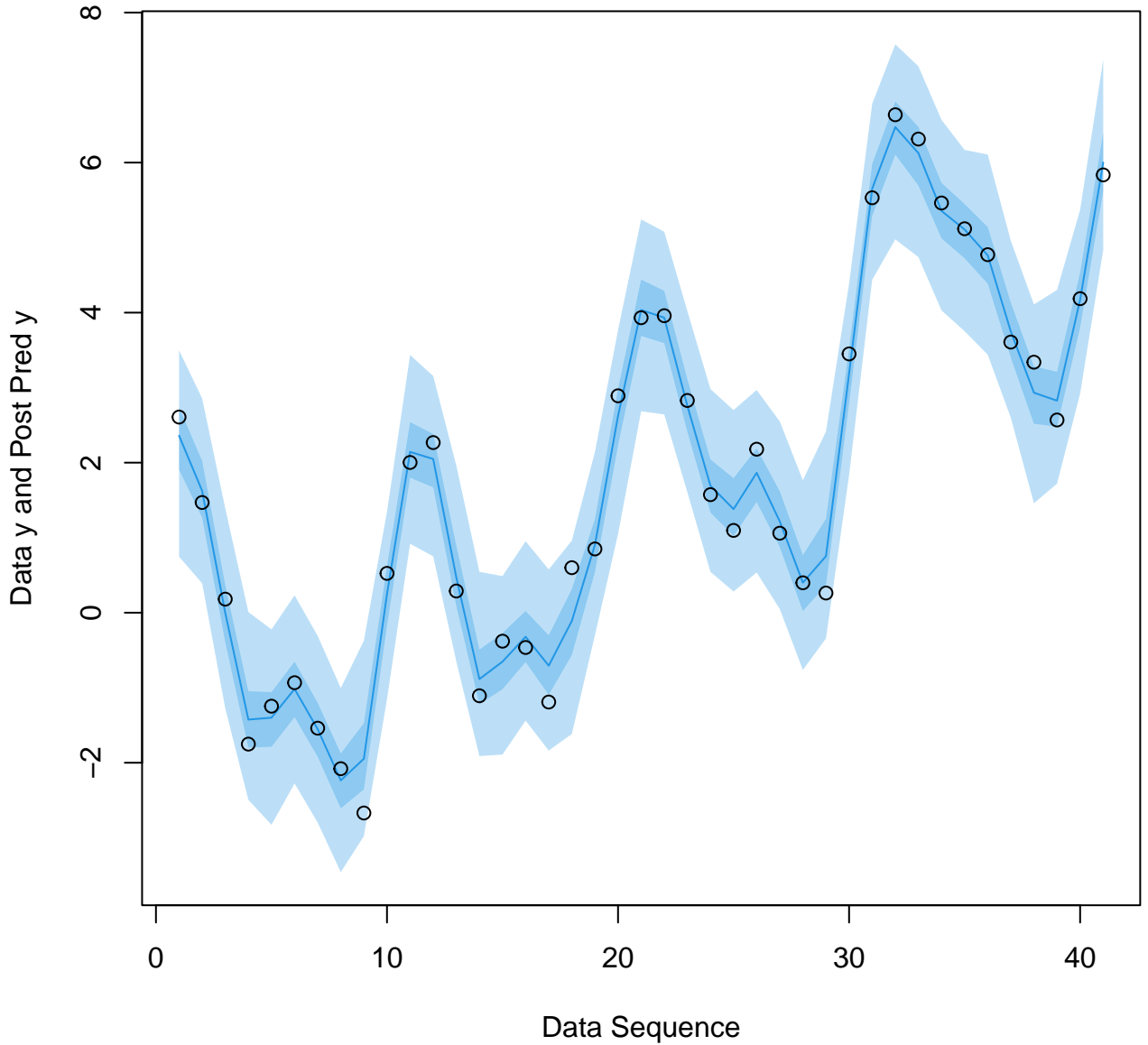


Residuals & PP Residual vs. Fitted Values

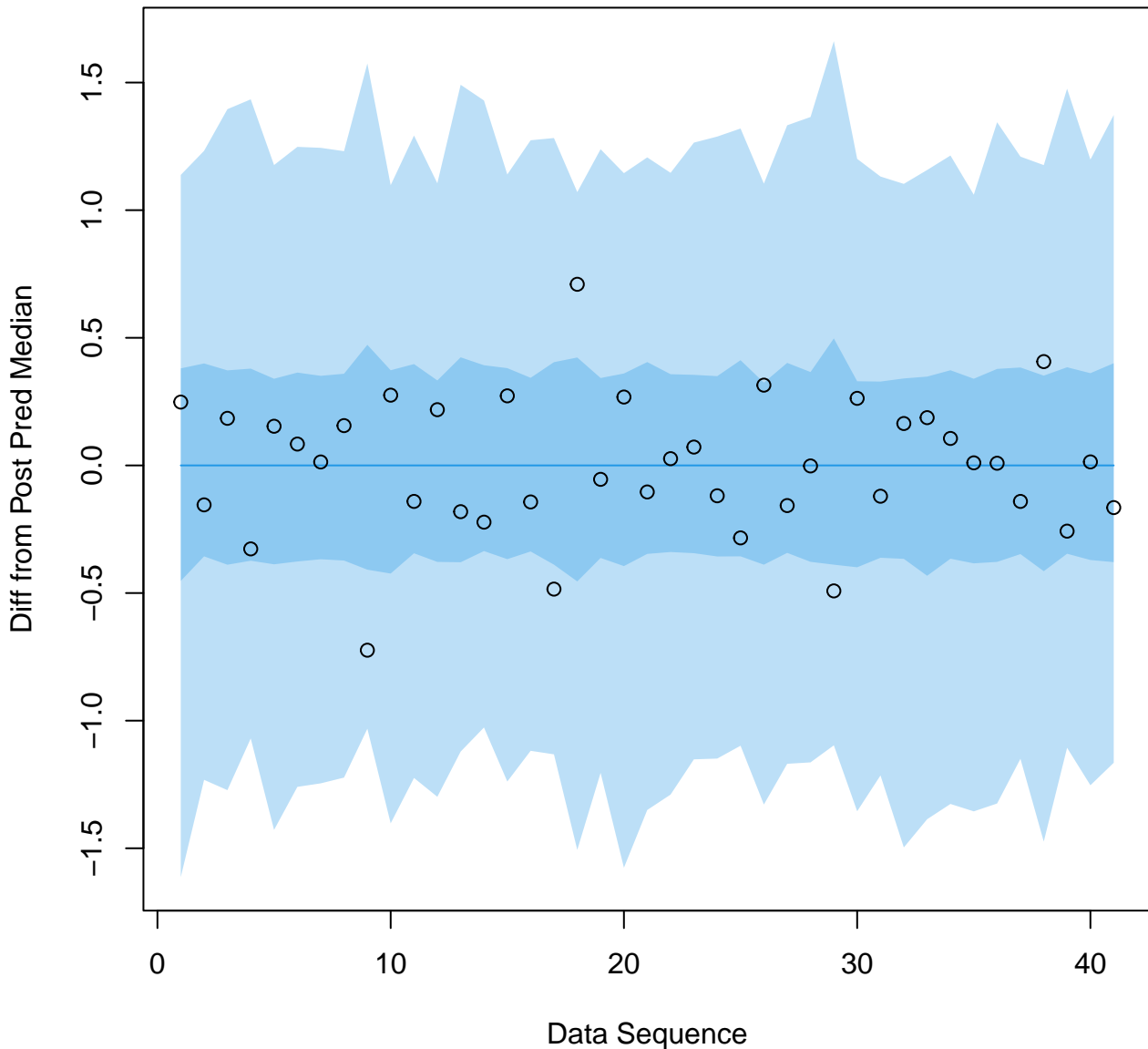


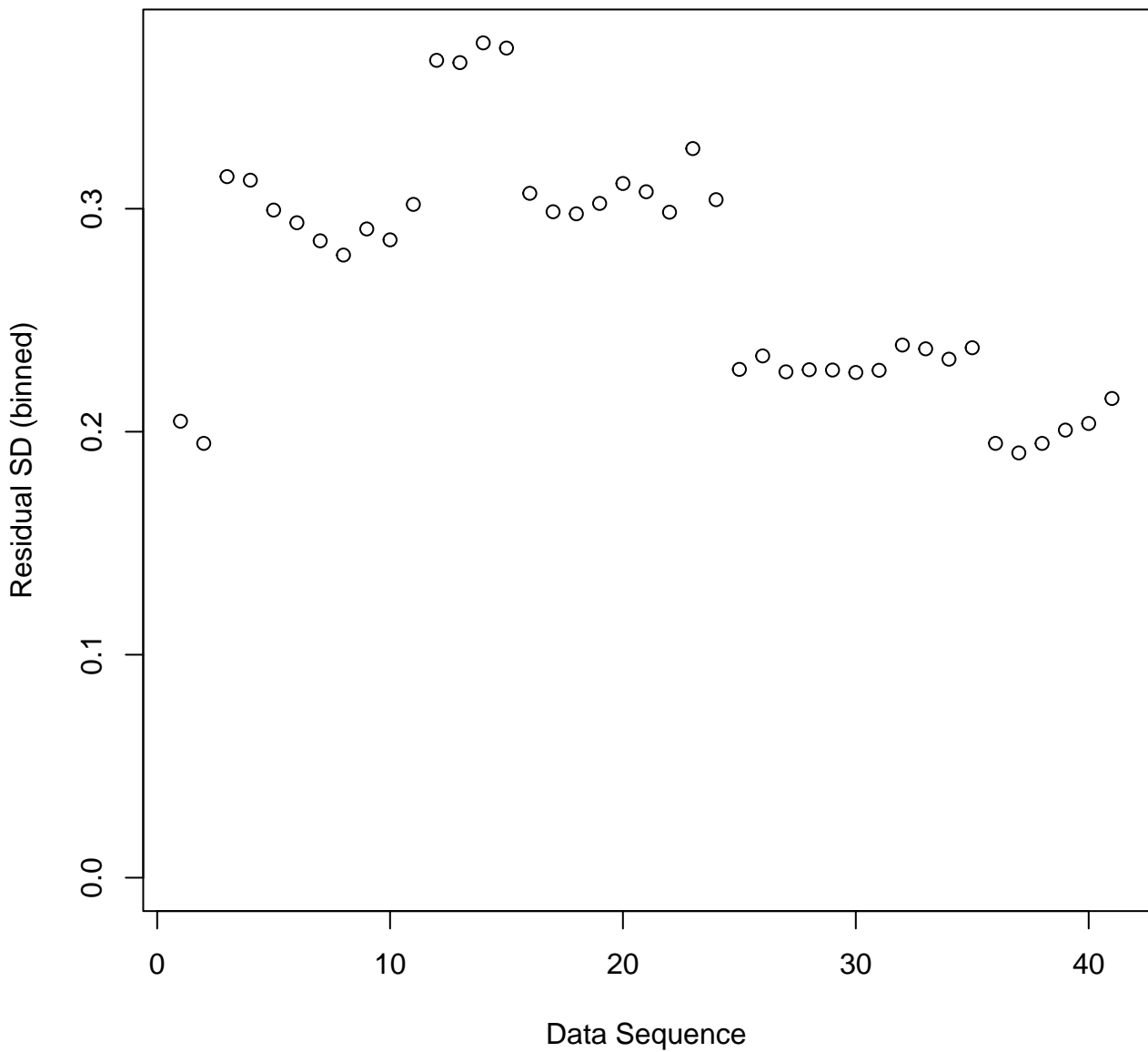


**Data y & Post Pred y
vs. Data Sequence**

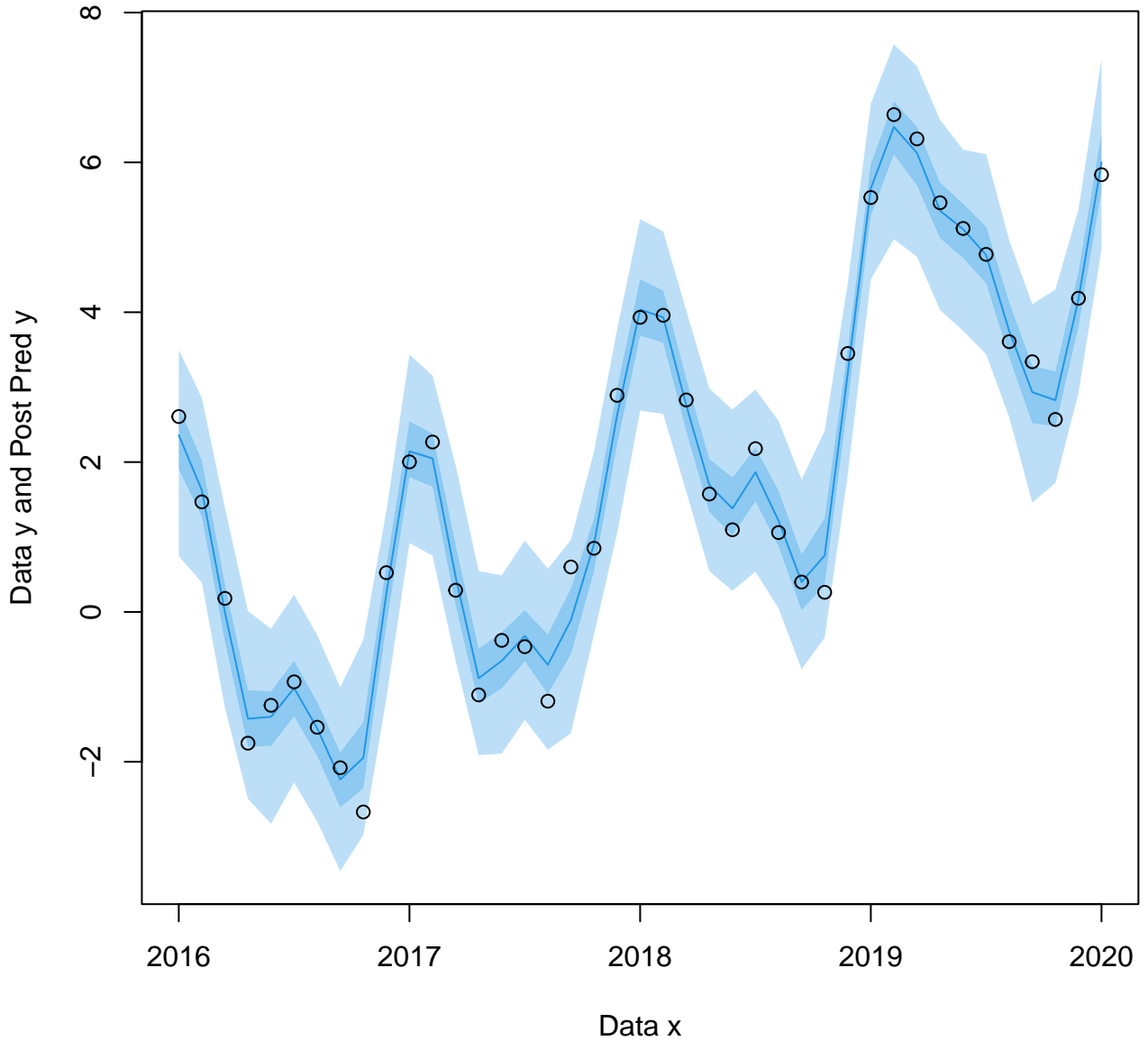


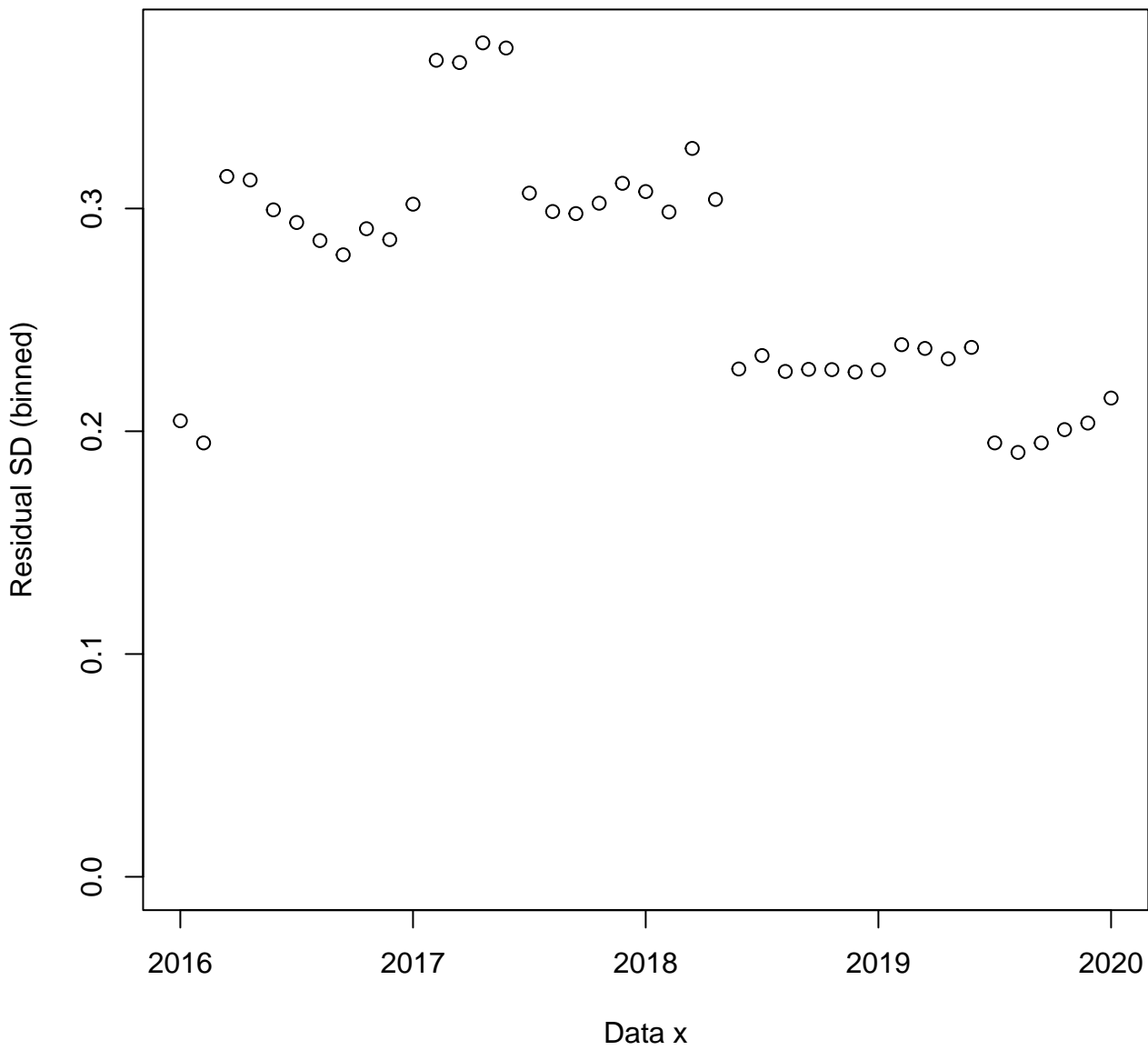
Residuals & PP Residual vs. Data Sequence



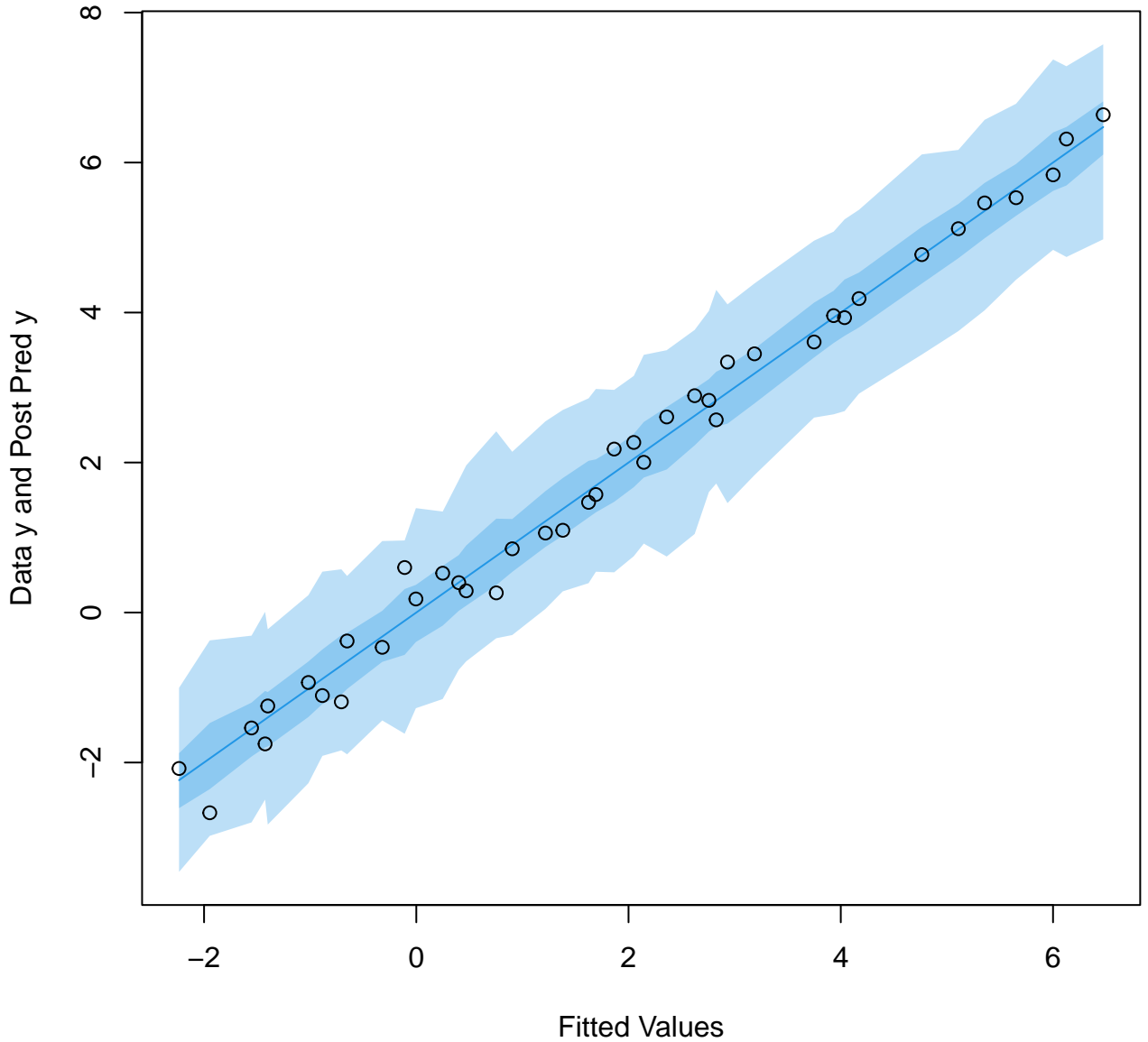


Data y & Post Pred y vs. Data x

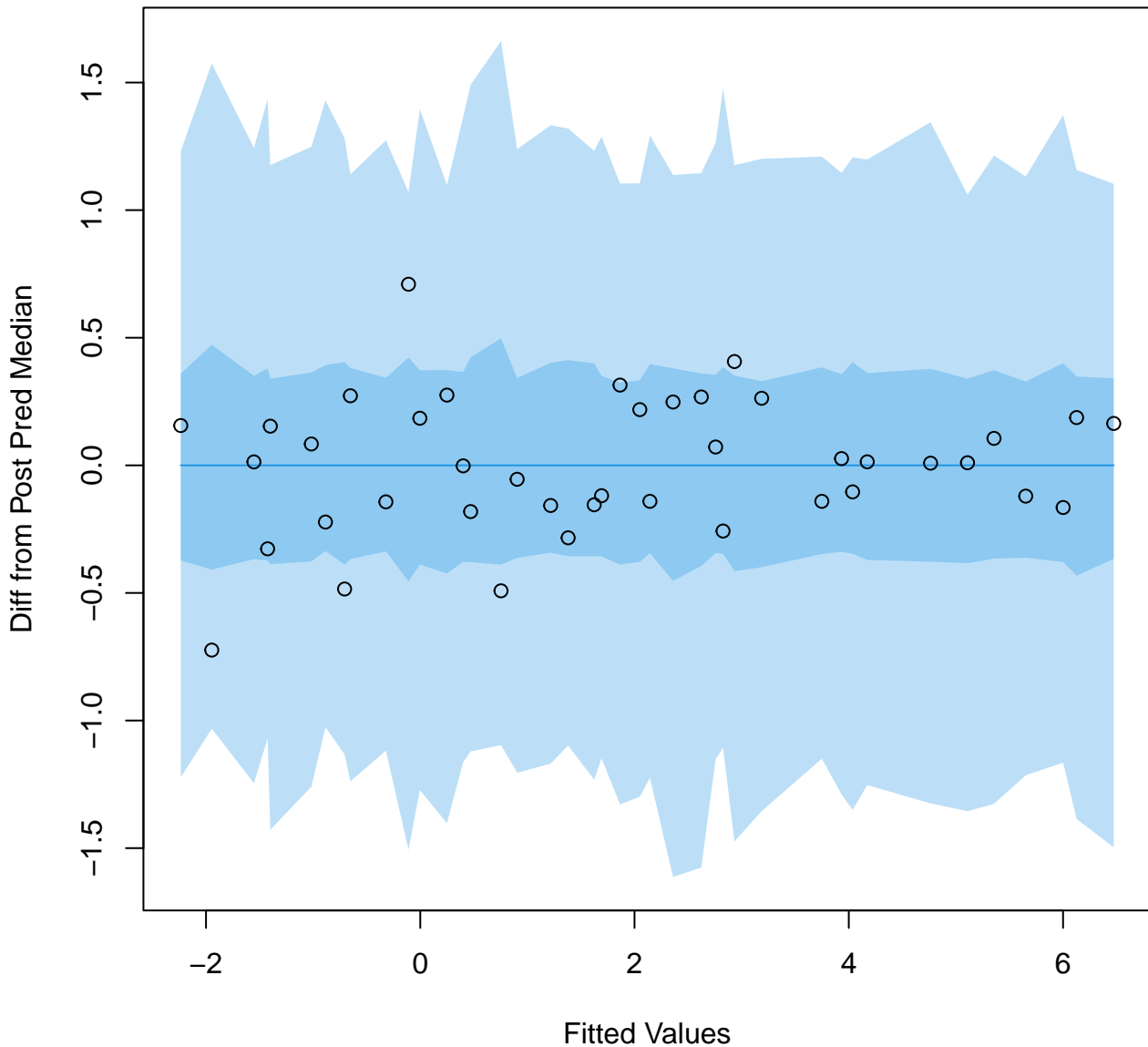


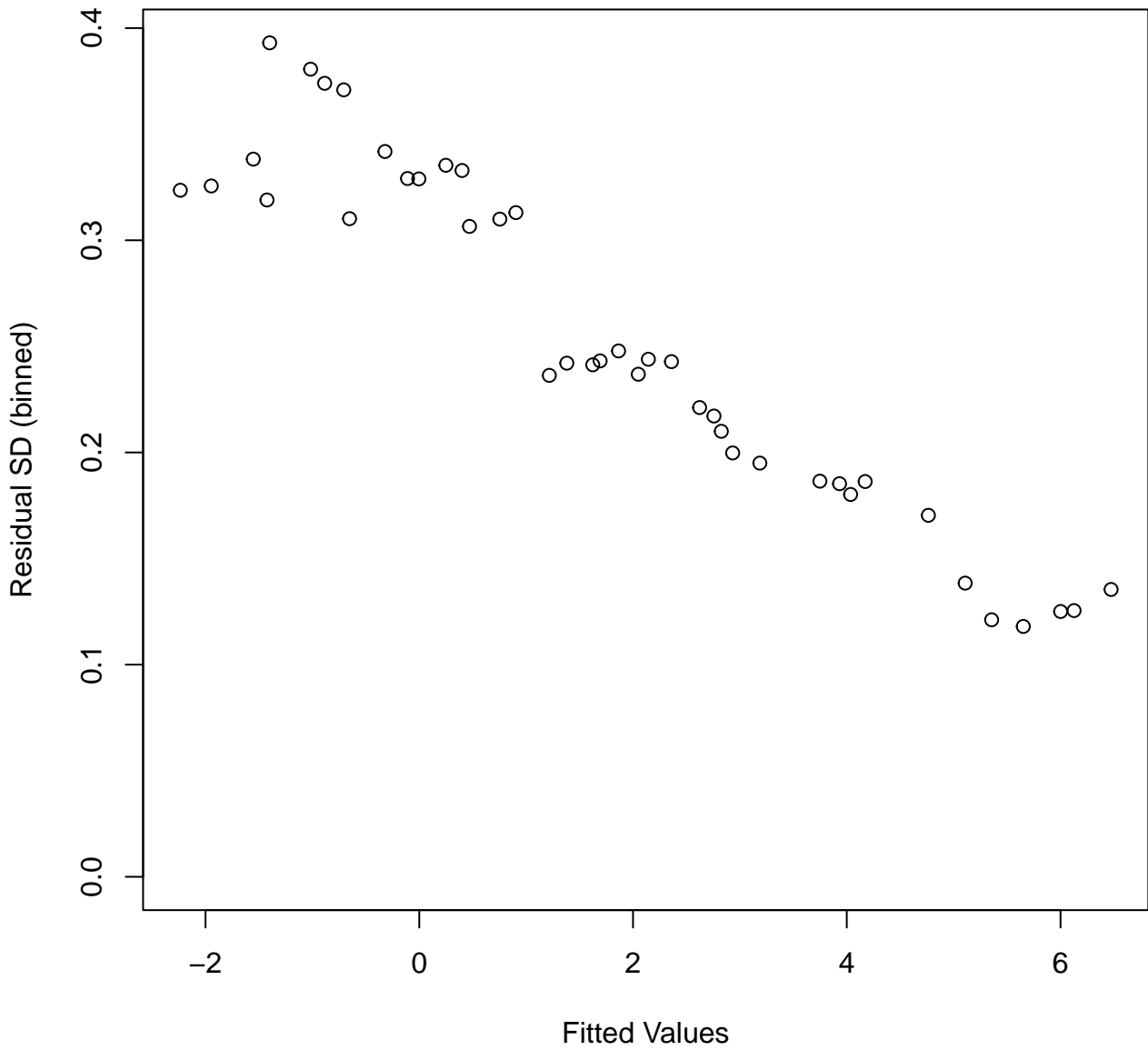


Data y & Post Pred y vs. Fitted Values

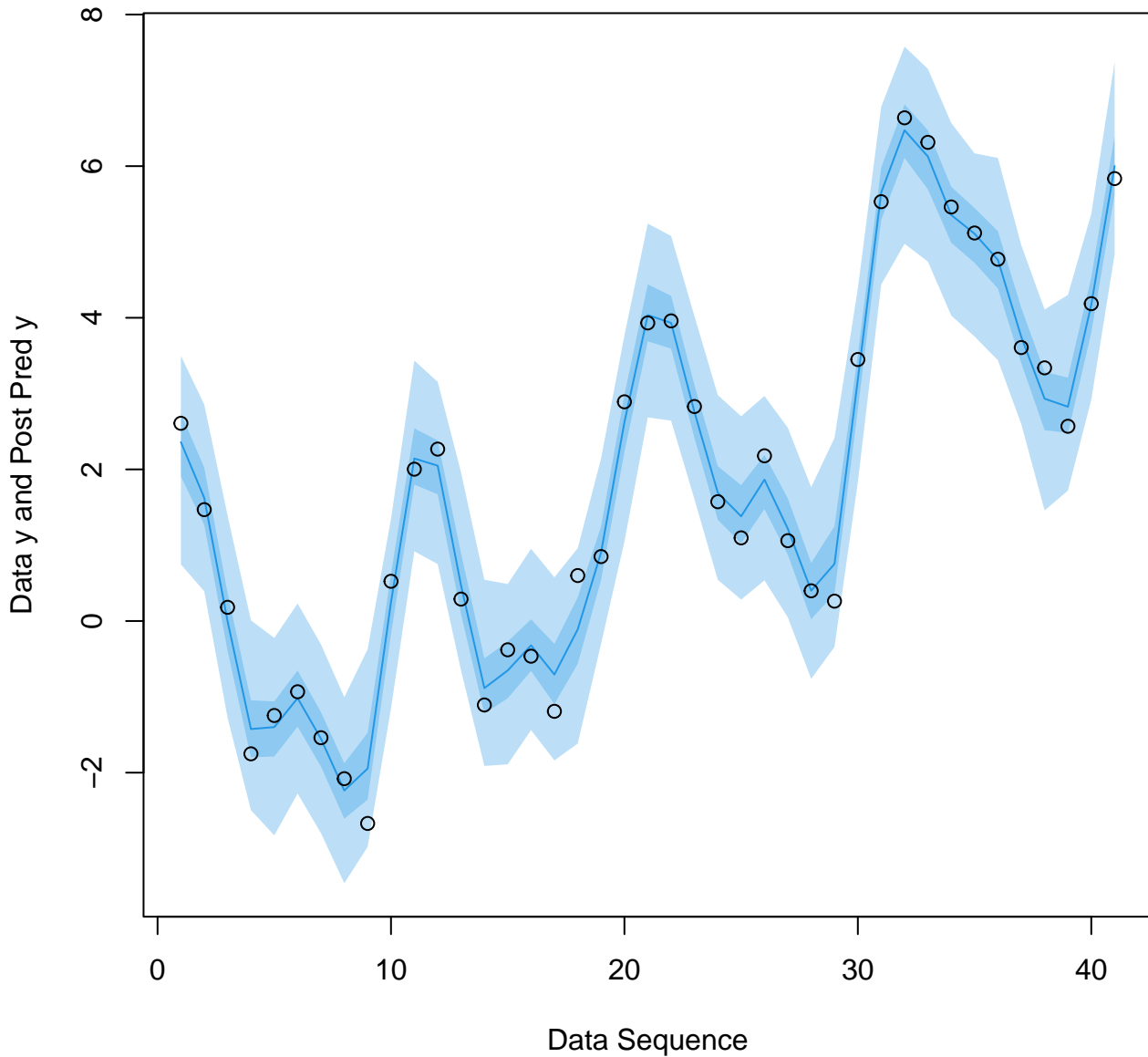


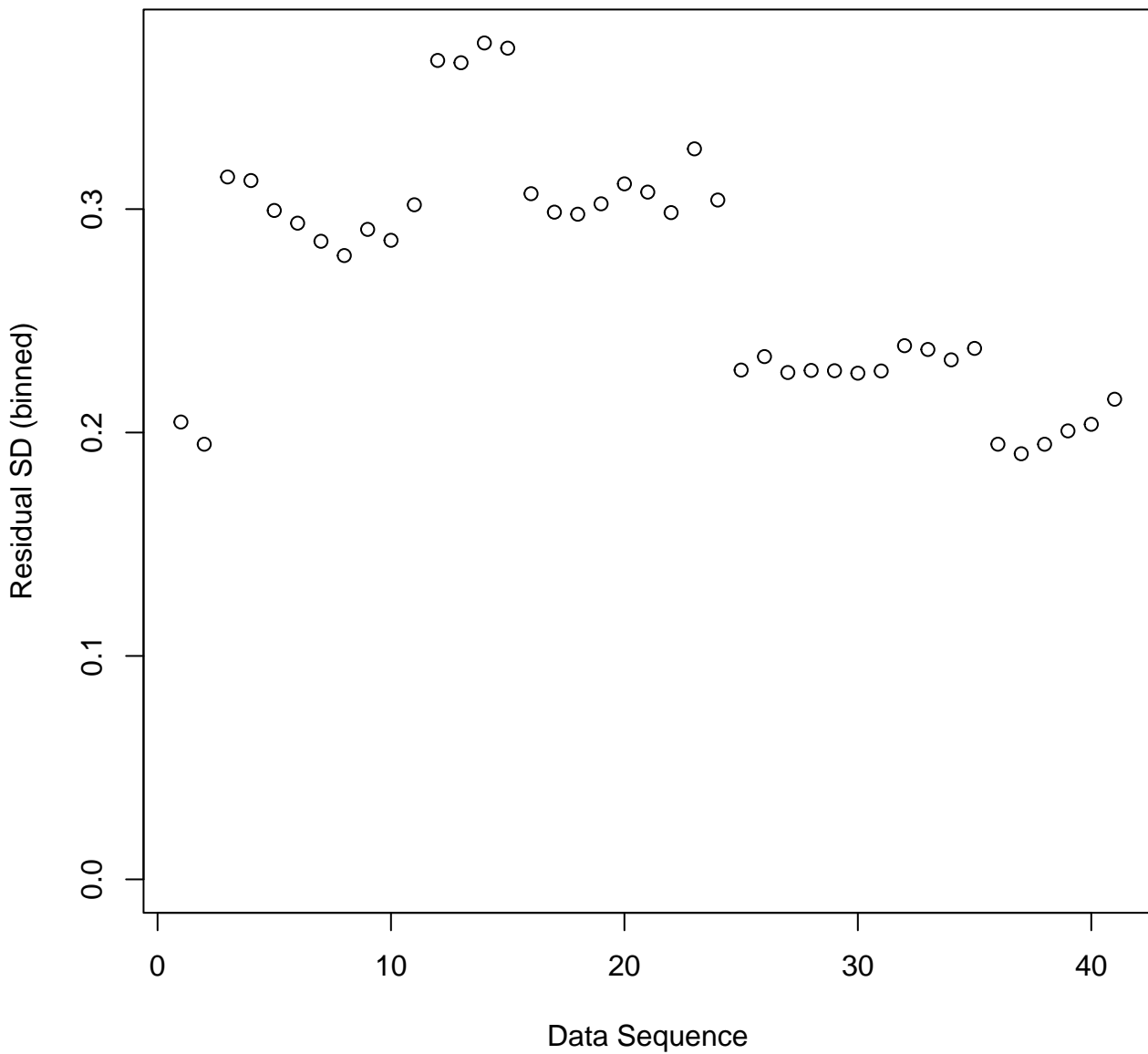
Residuals & PP Residual vs. Fitted Values



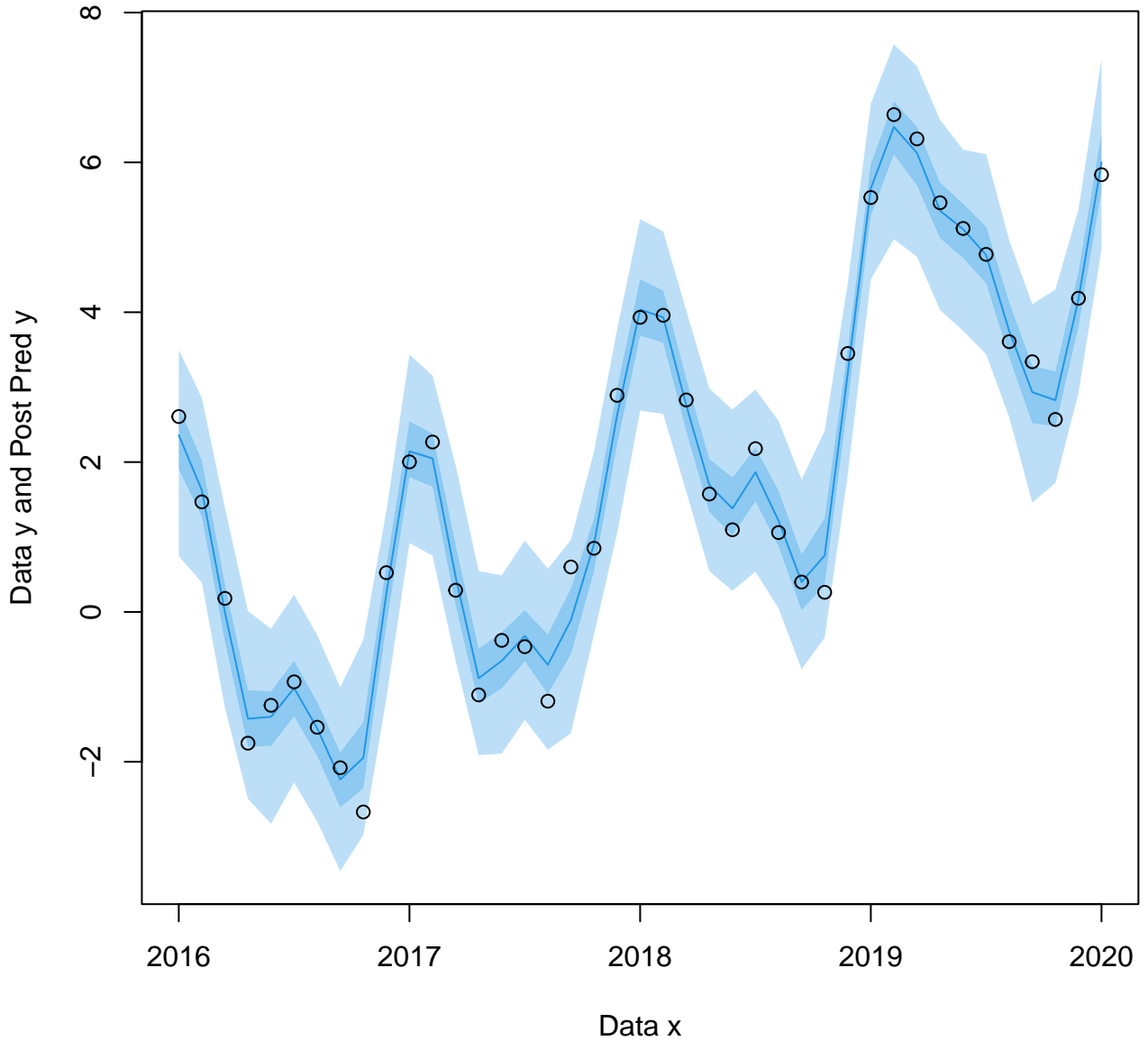


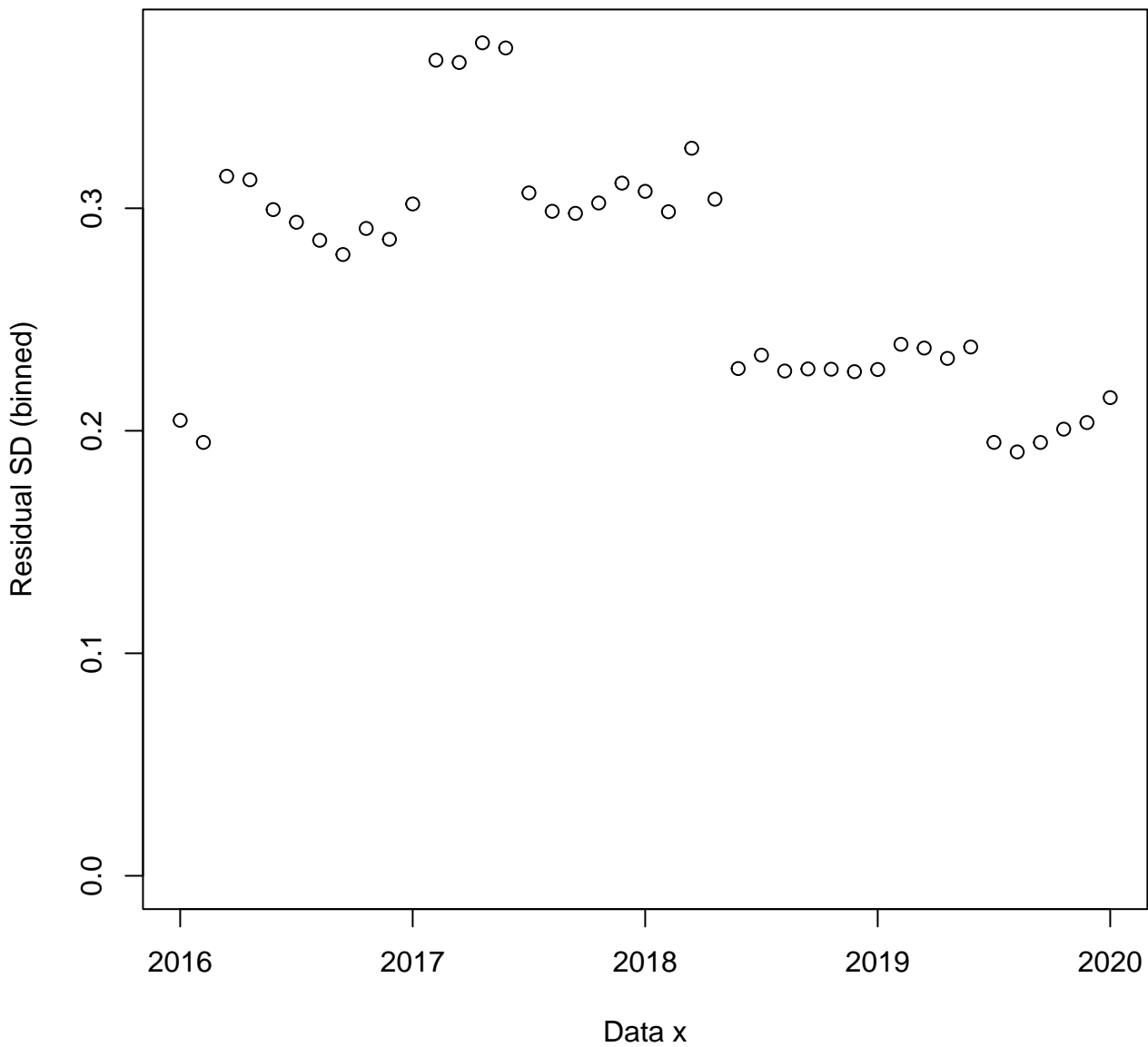
**Data y & Post Pred y
vs. Data Sequence**



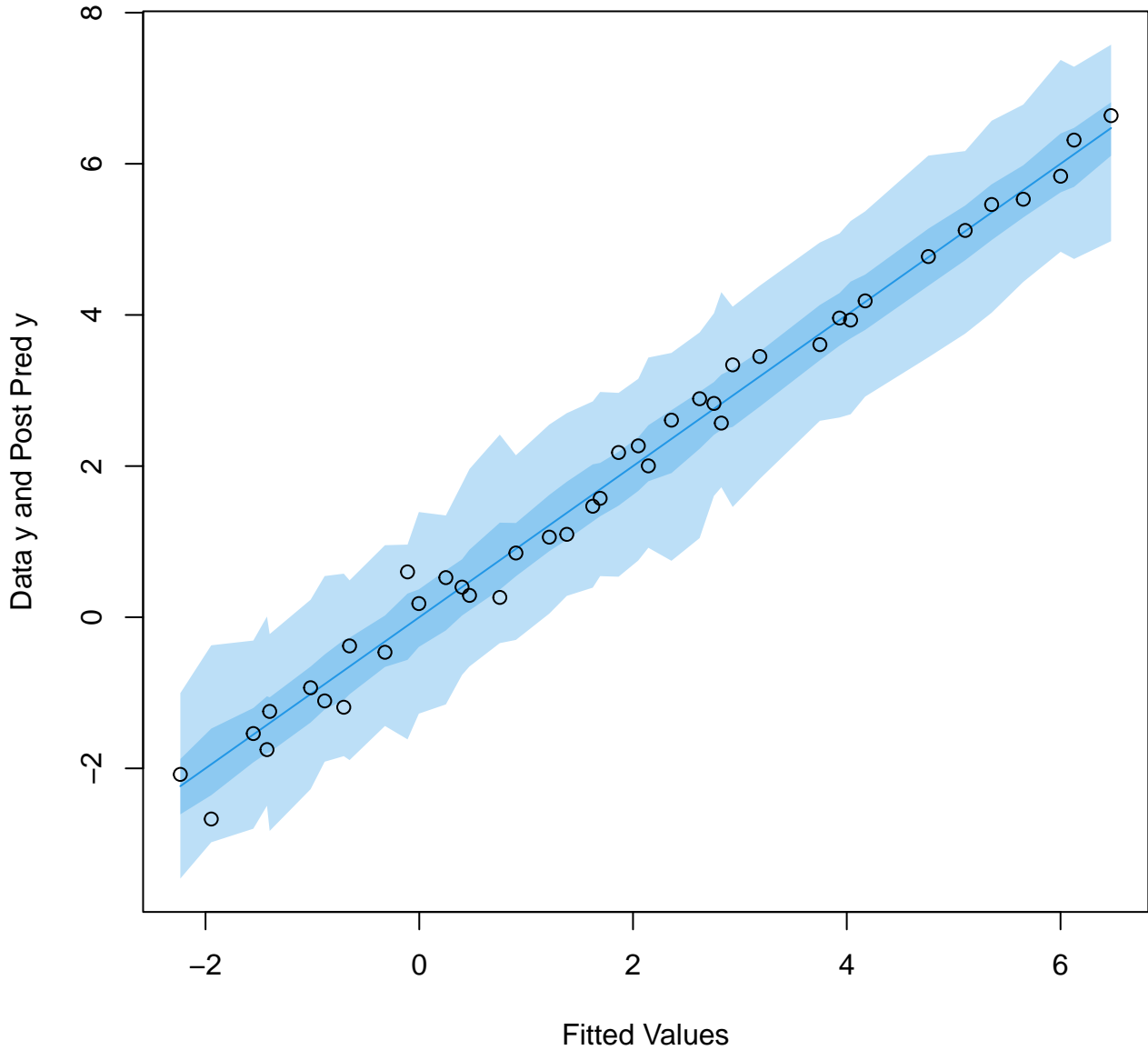


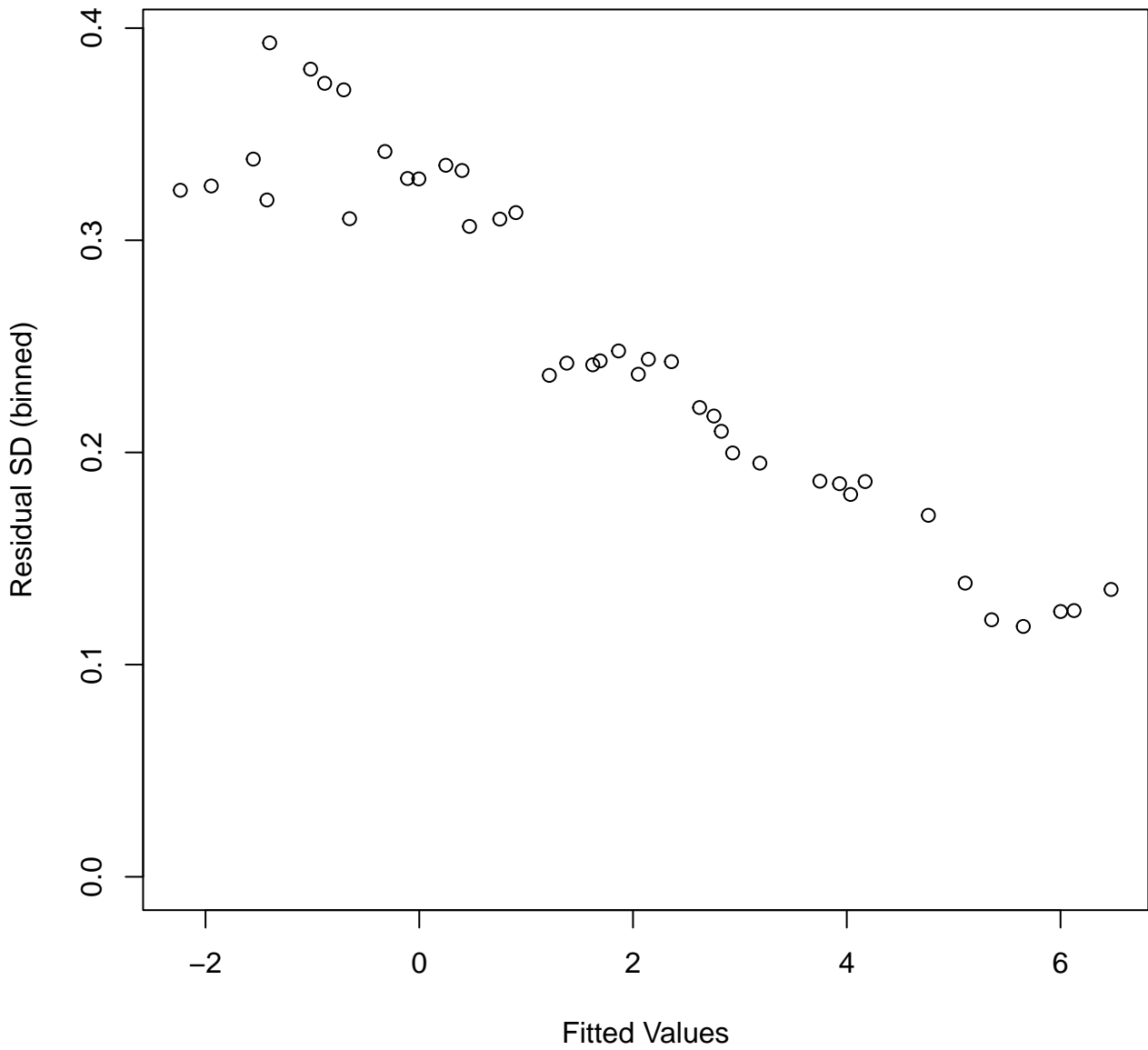
Data y & Post Pred y vs. Data x



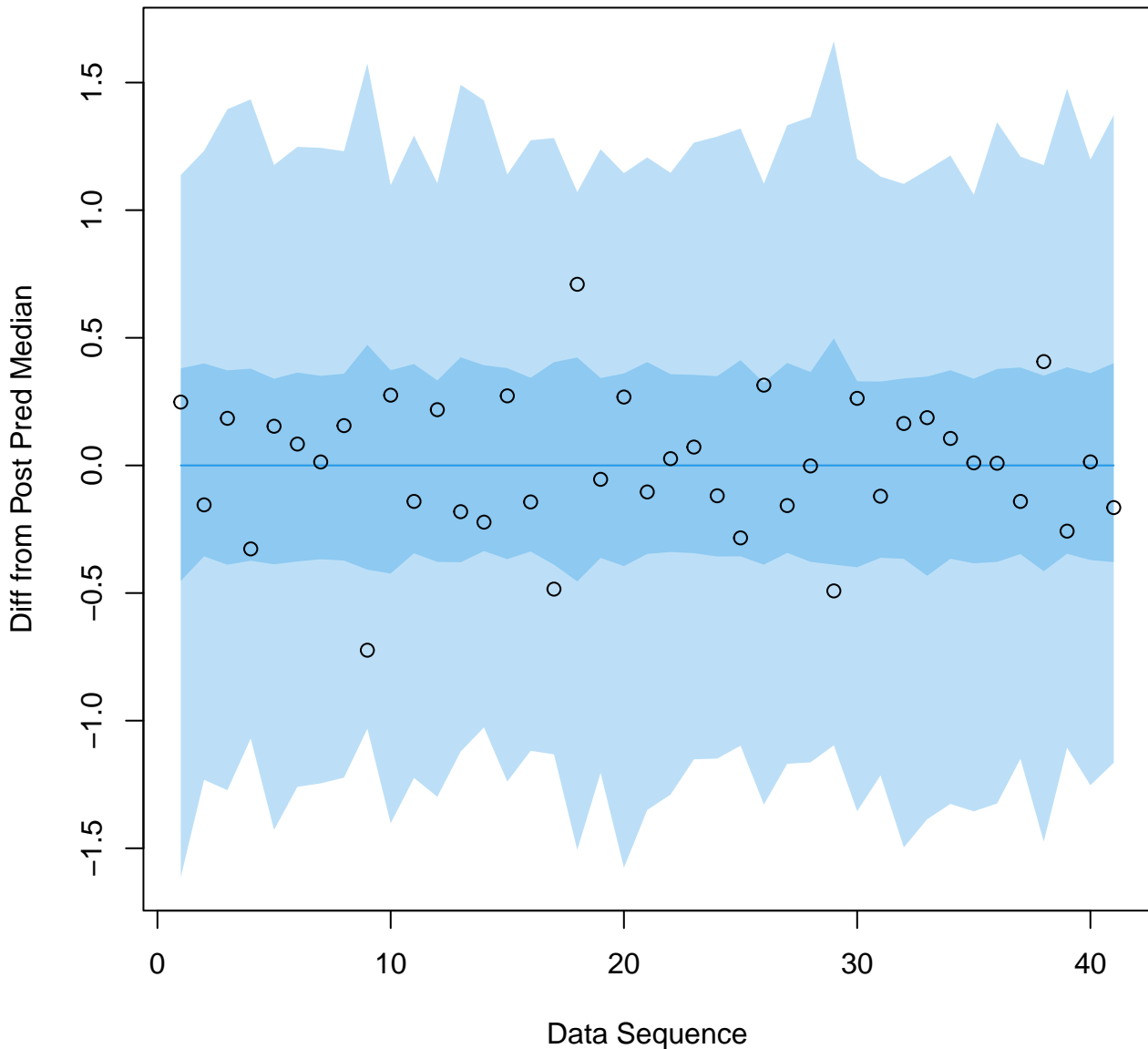


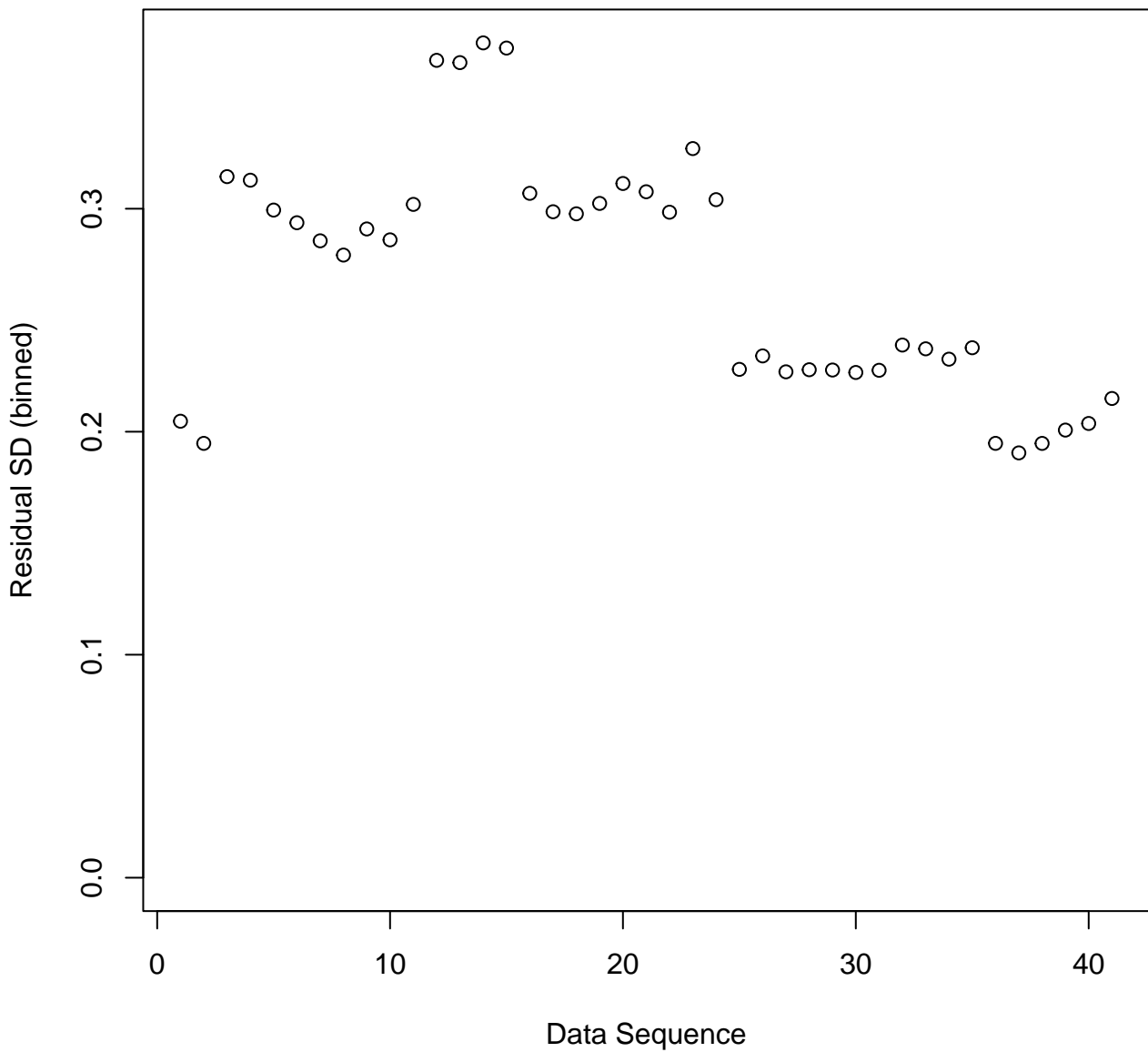
Data y & Post Pred y vs. Fitted Values



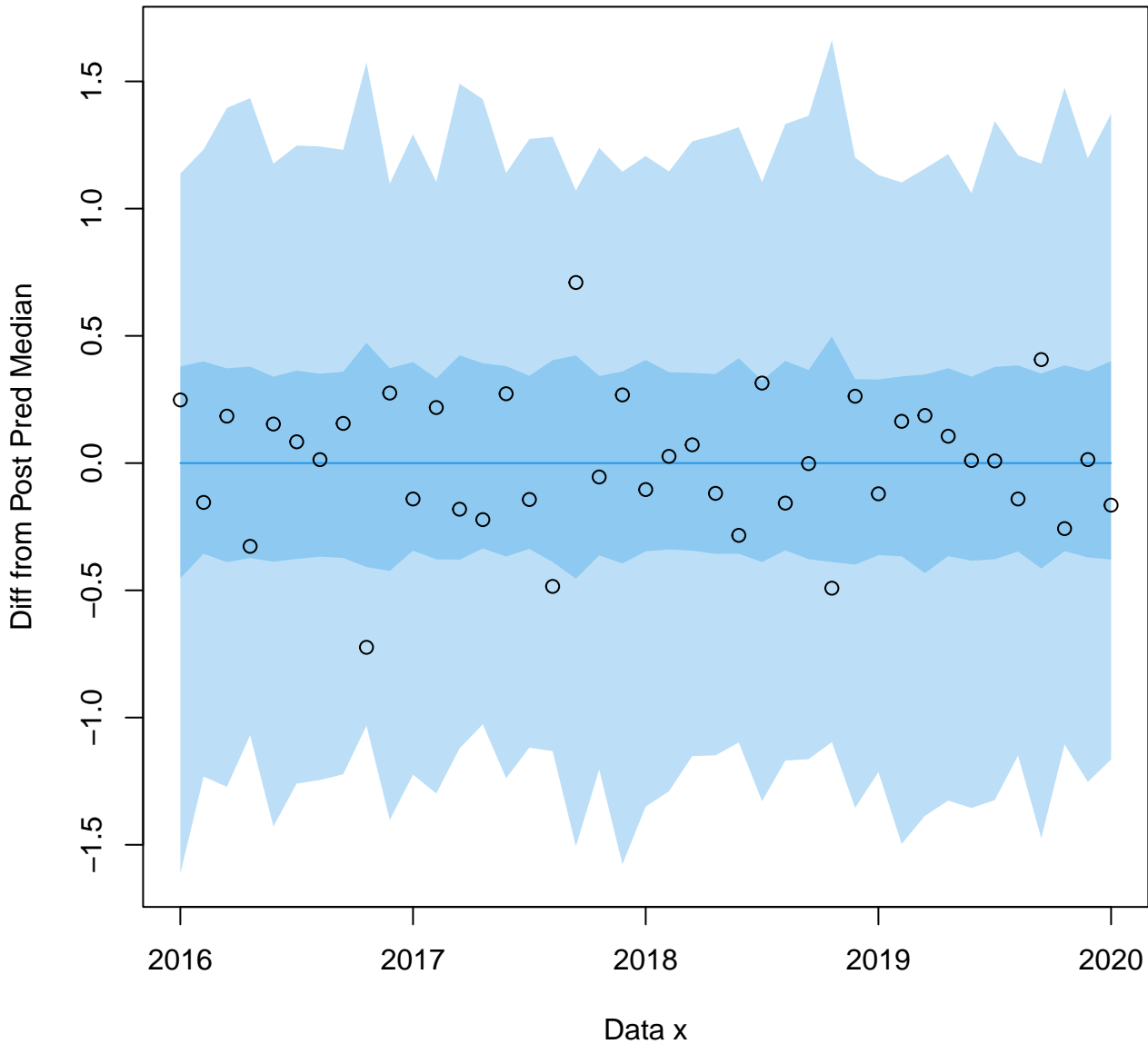


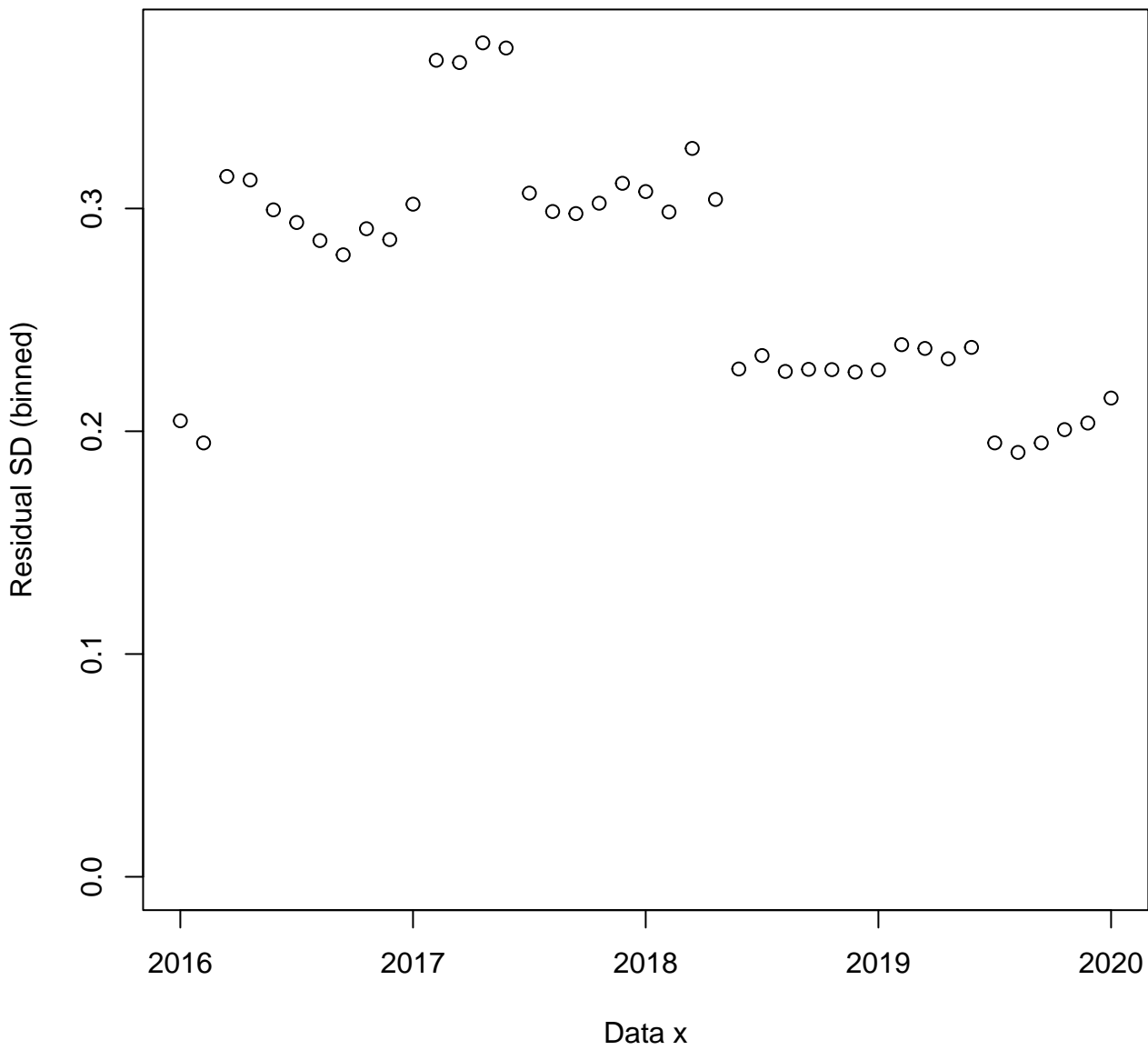
Residuals & PP Residual vs. Data Sequence



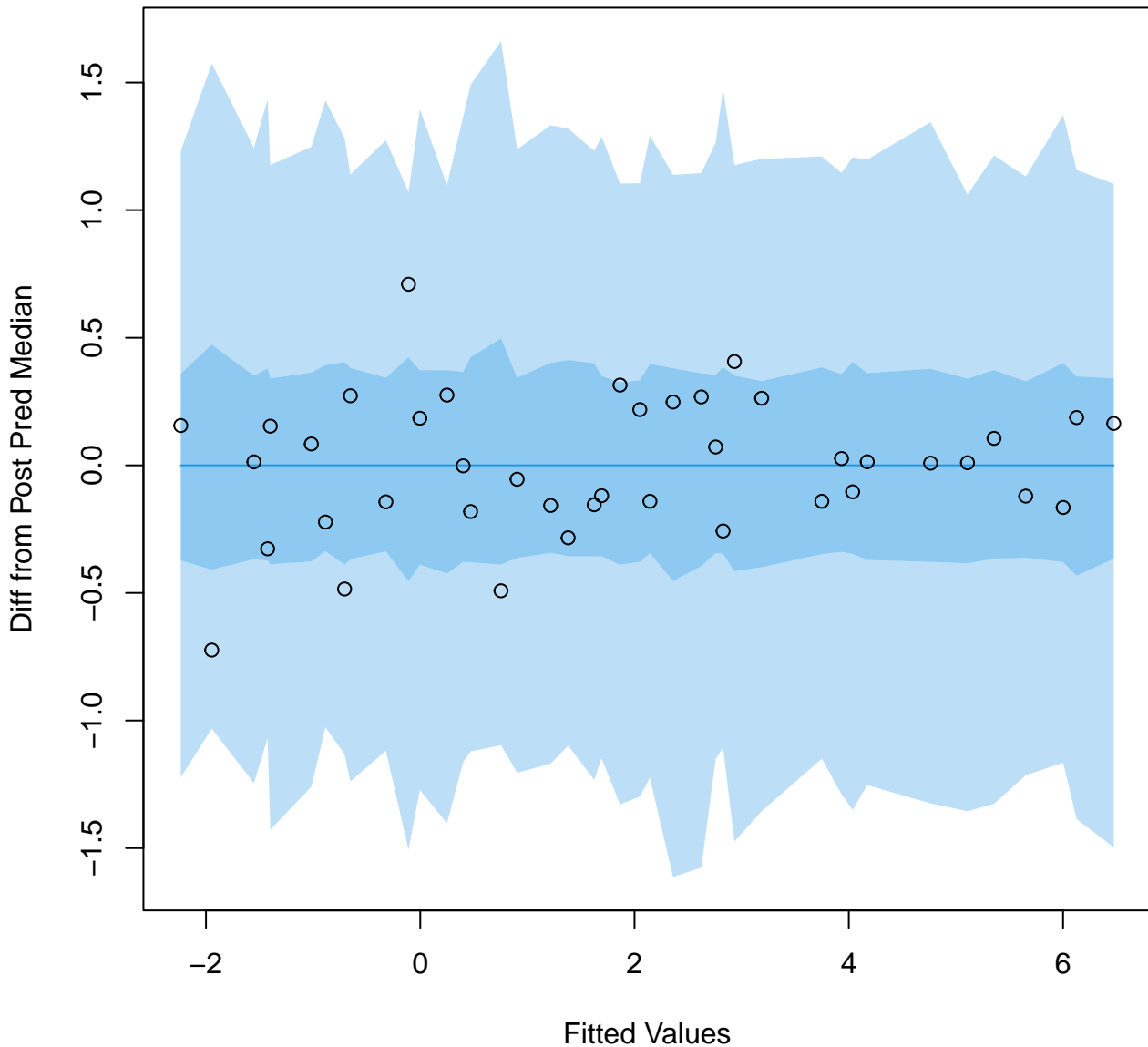


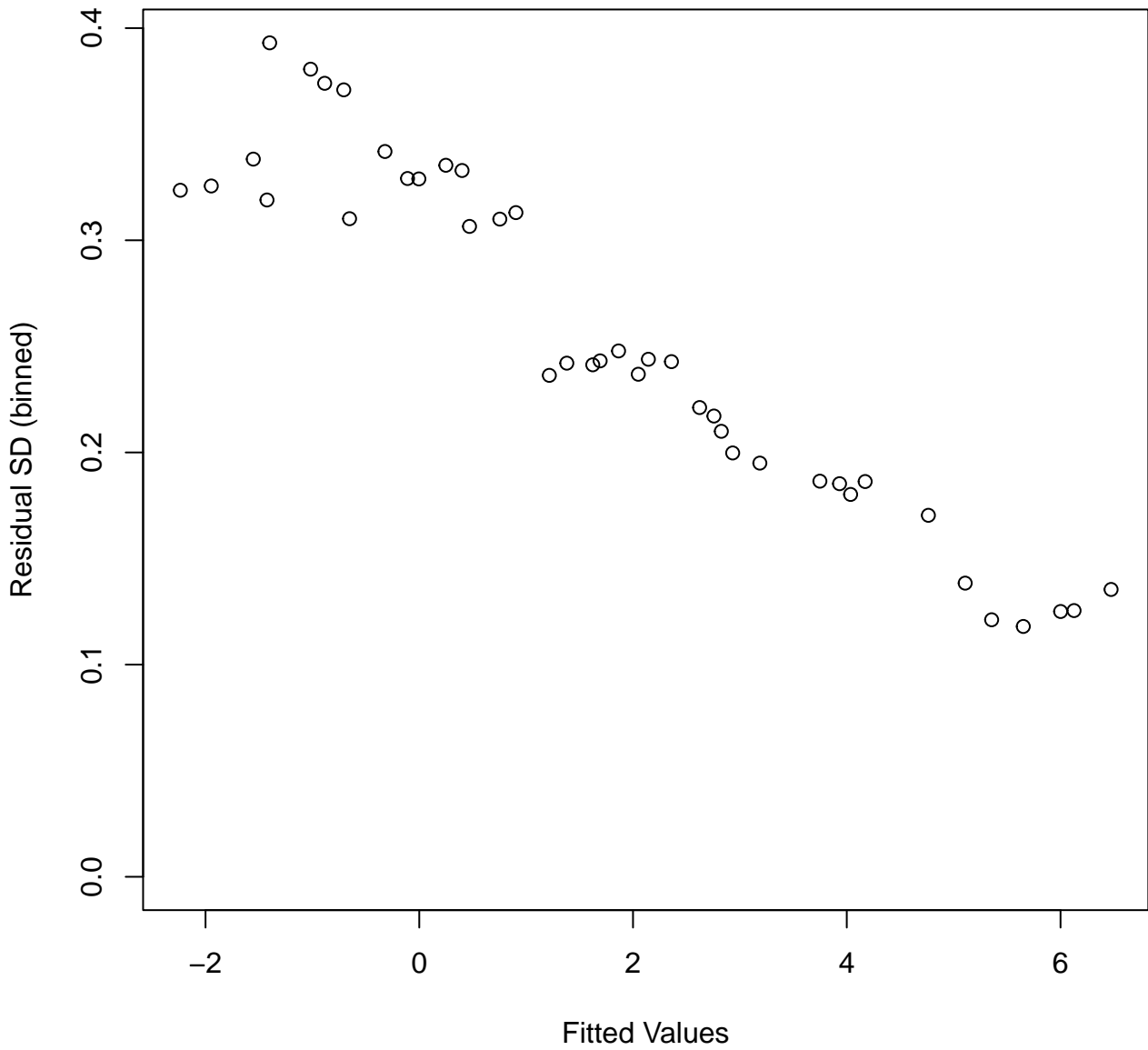
Residuals & PP Residual vs. Data x



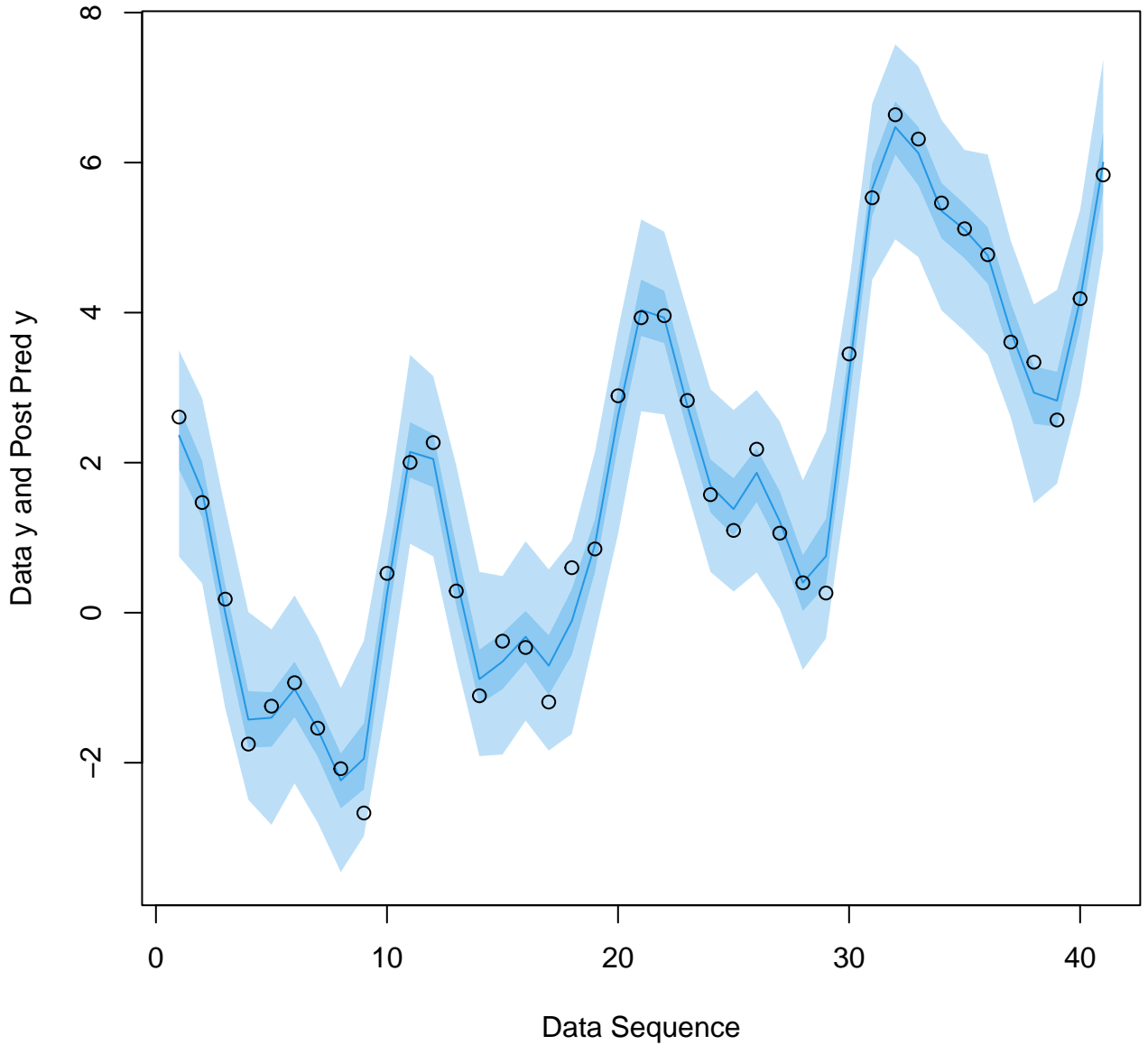


Residuals & PP Residual vs. Fitted Values

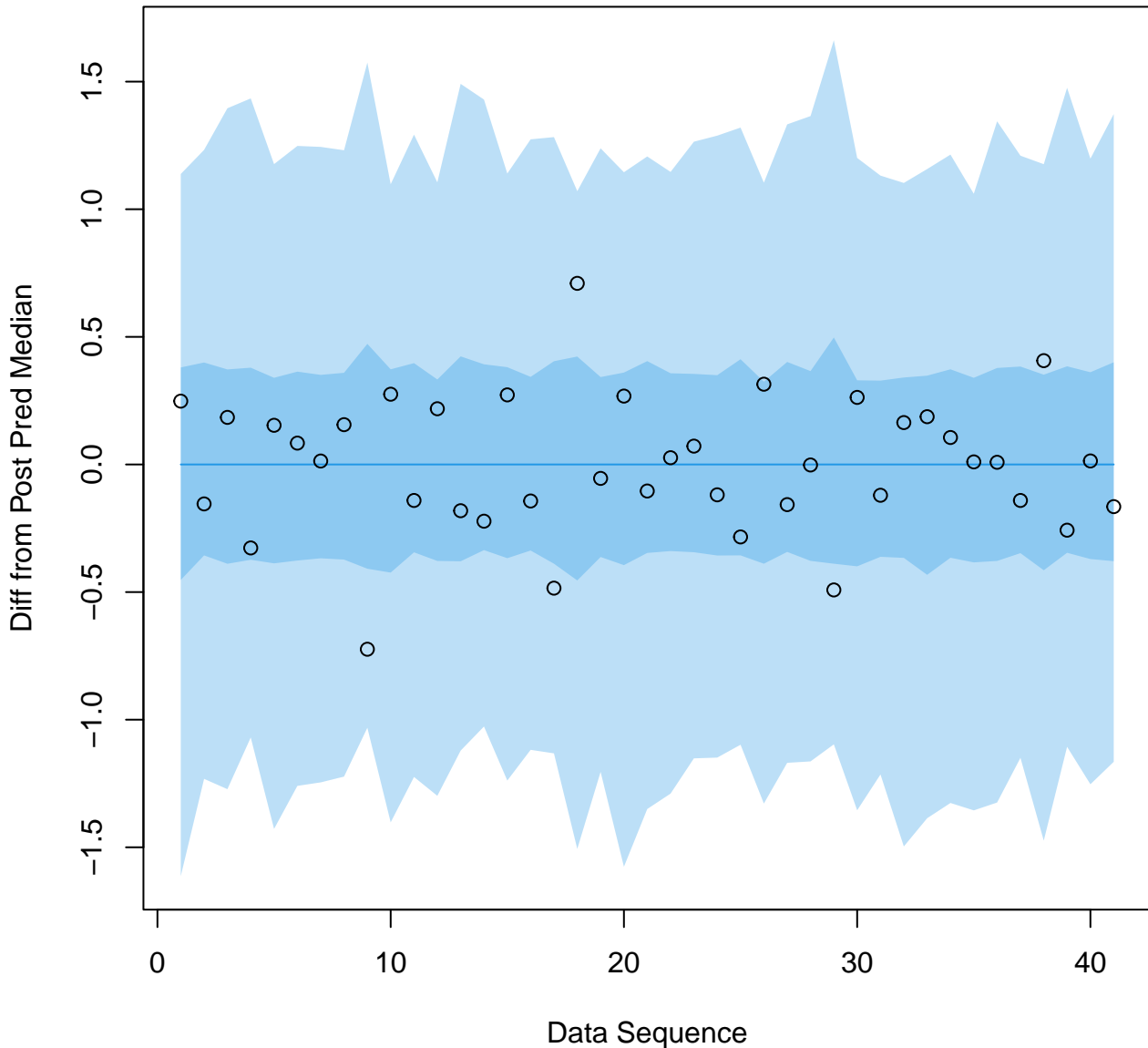




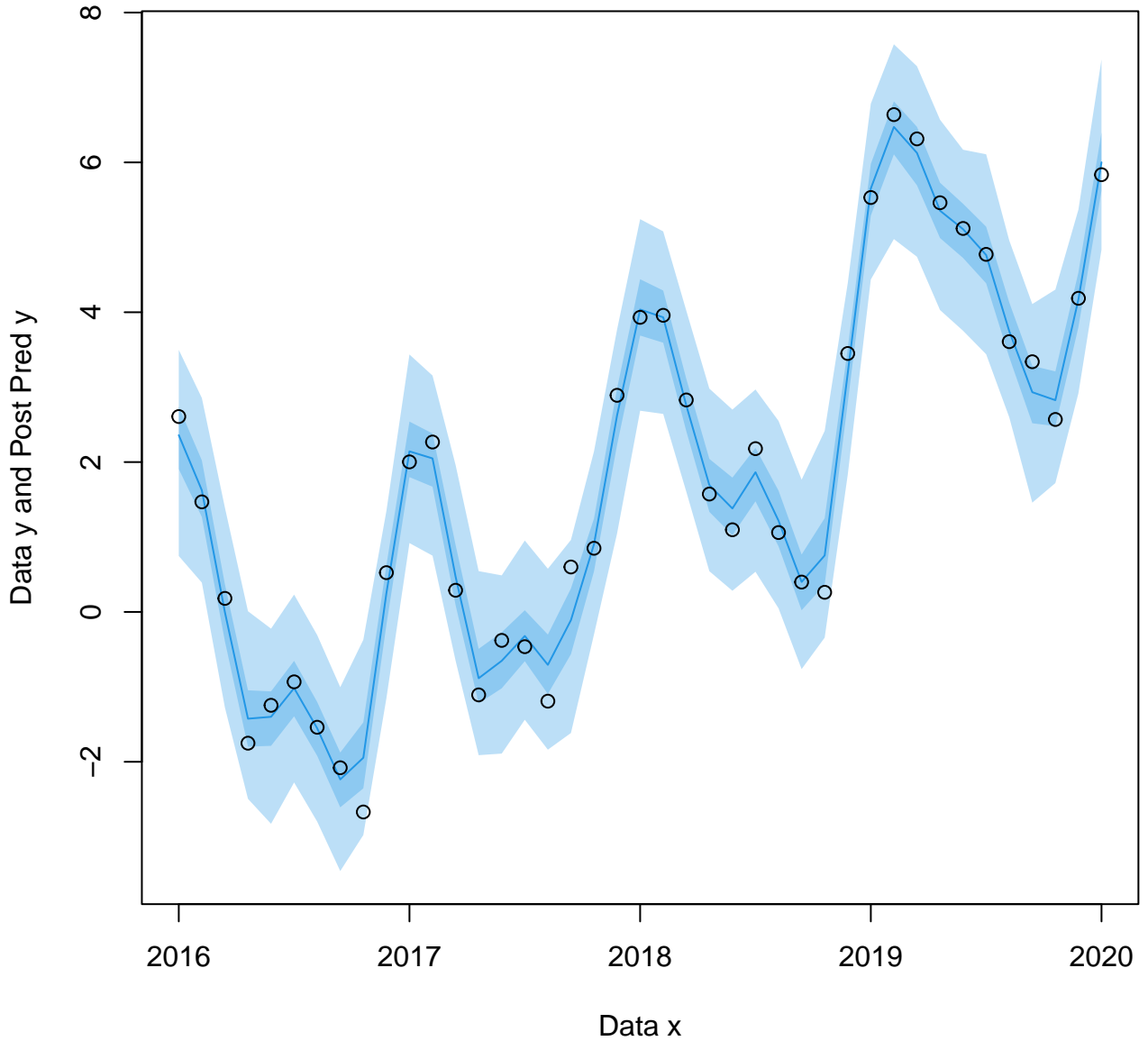
**Data y & Post Pred y
vs. Data Sequence**



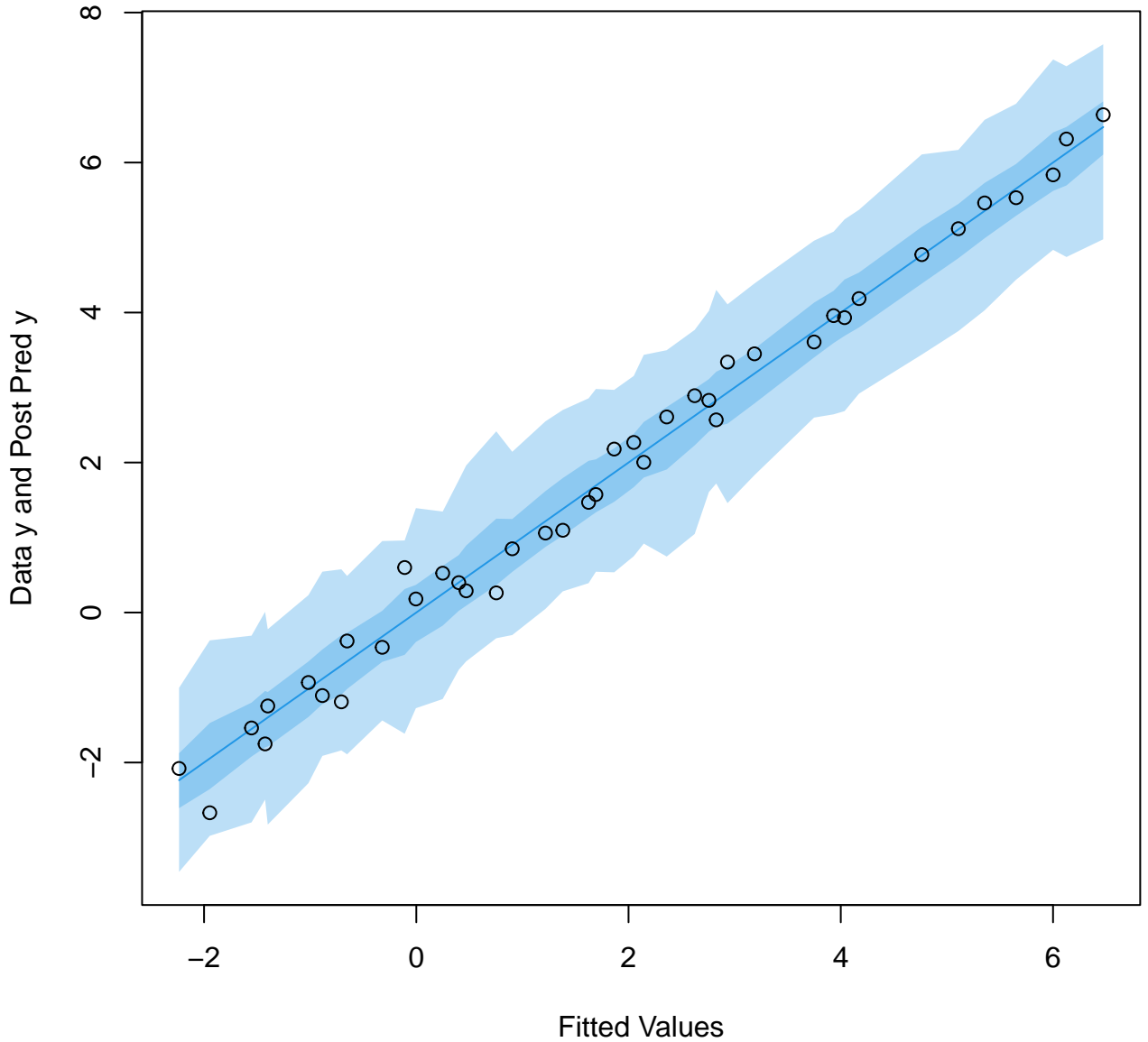
Residuals & PP Residual vs. Data Sequence



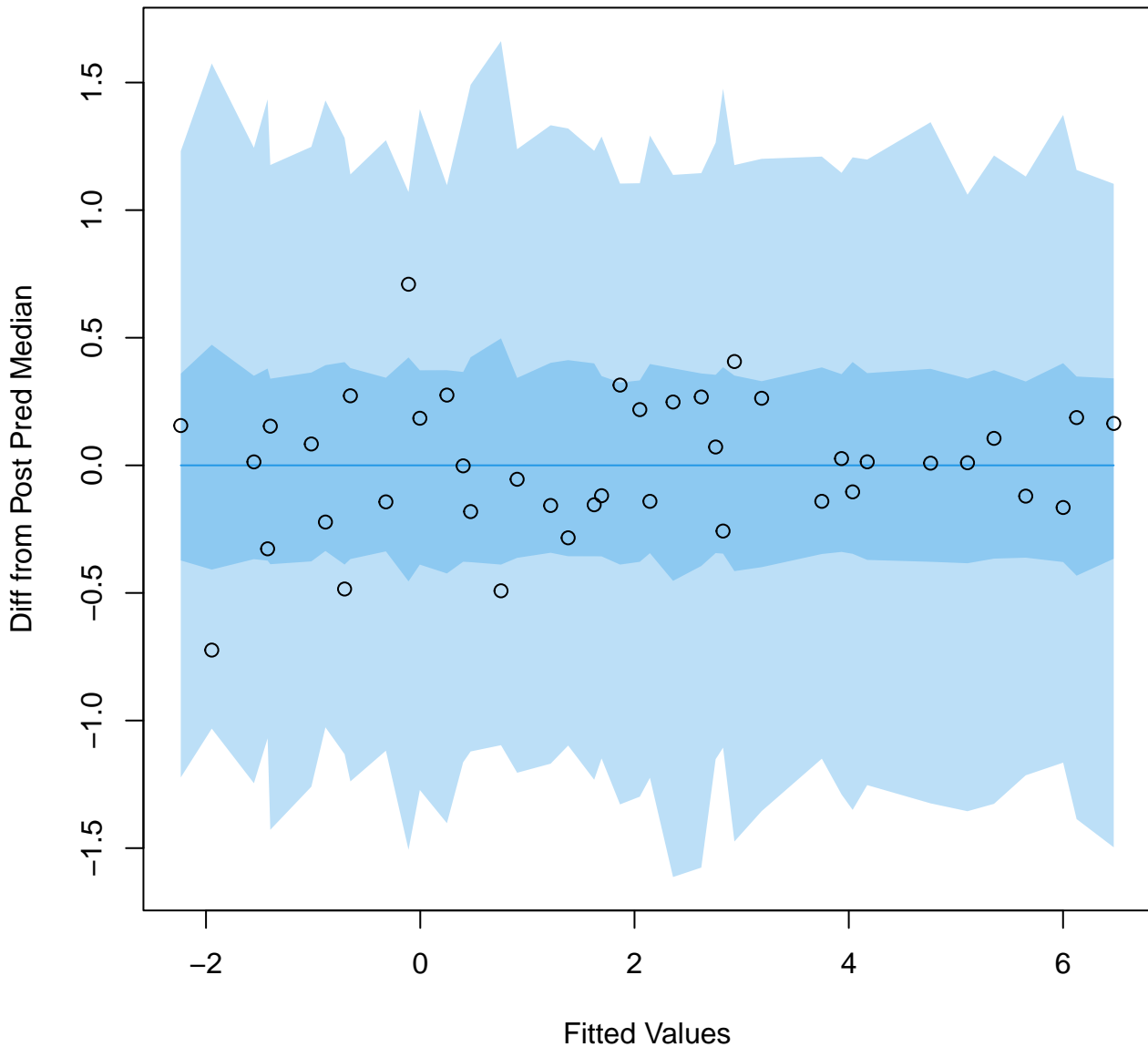
Data y & Post Pred y vs. Data x



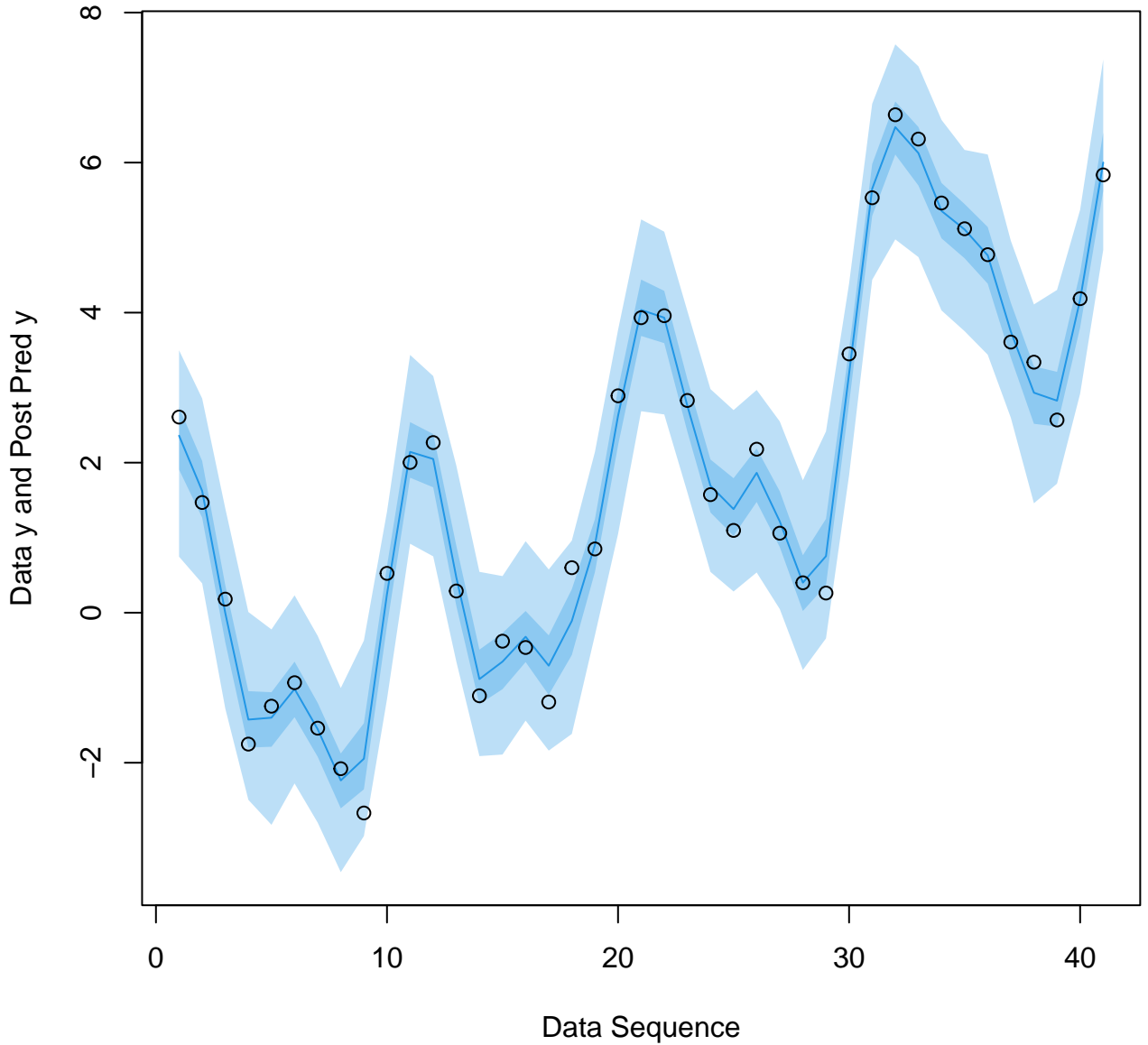
Data y & Post Pred y vs. Fitted Values



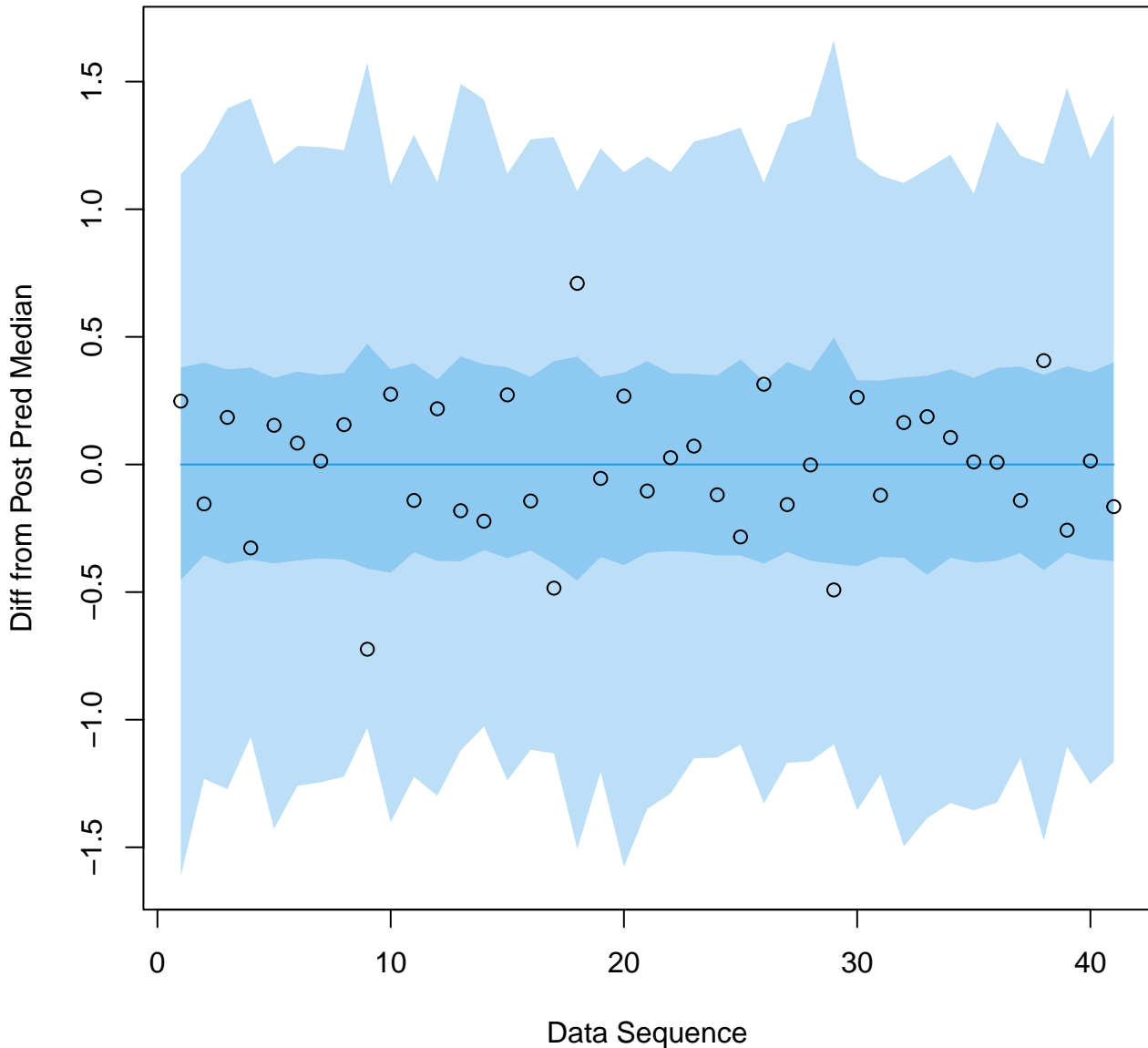
Residuals & PP Residual vs. Fitted Values

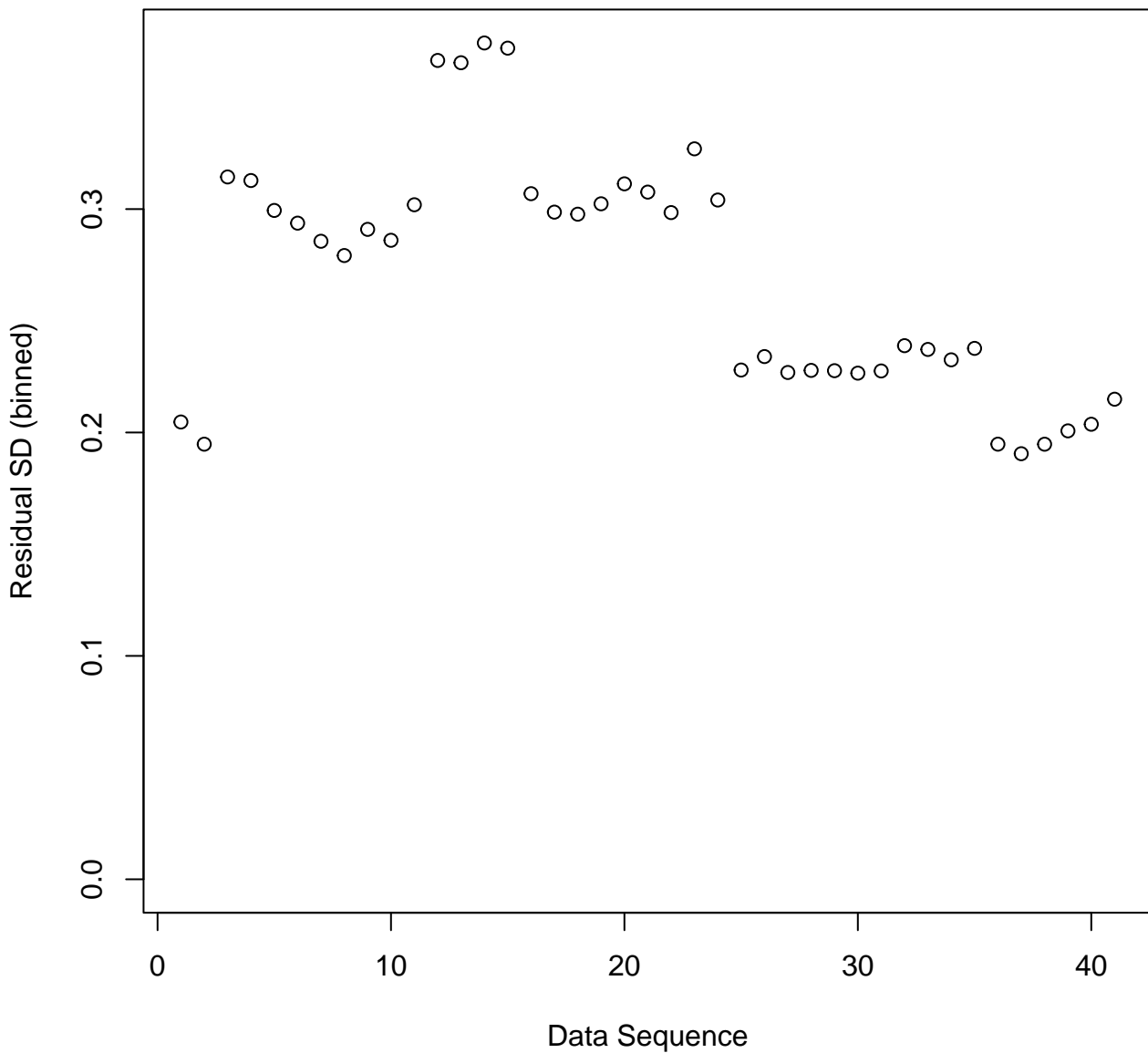


**Data y & Post Pred y
vs. Data Sequence**

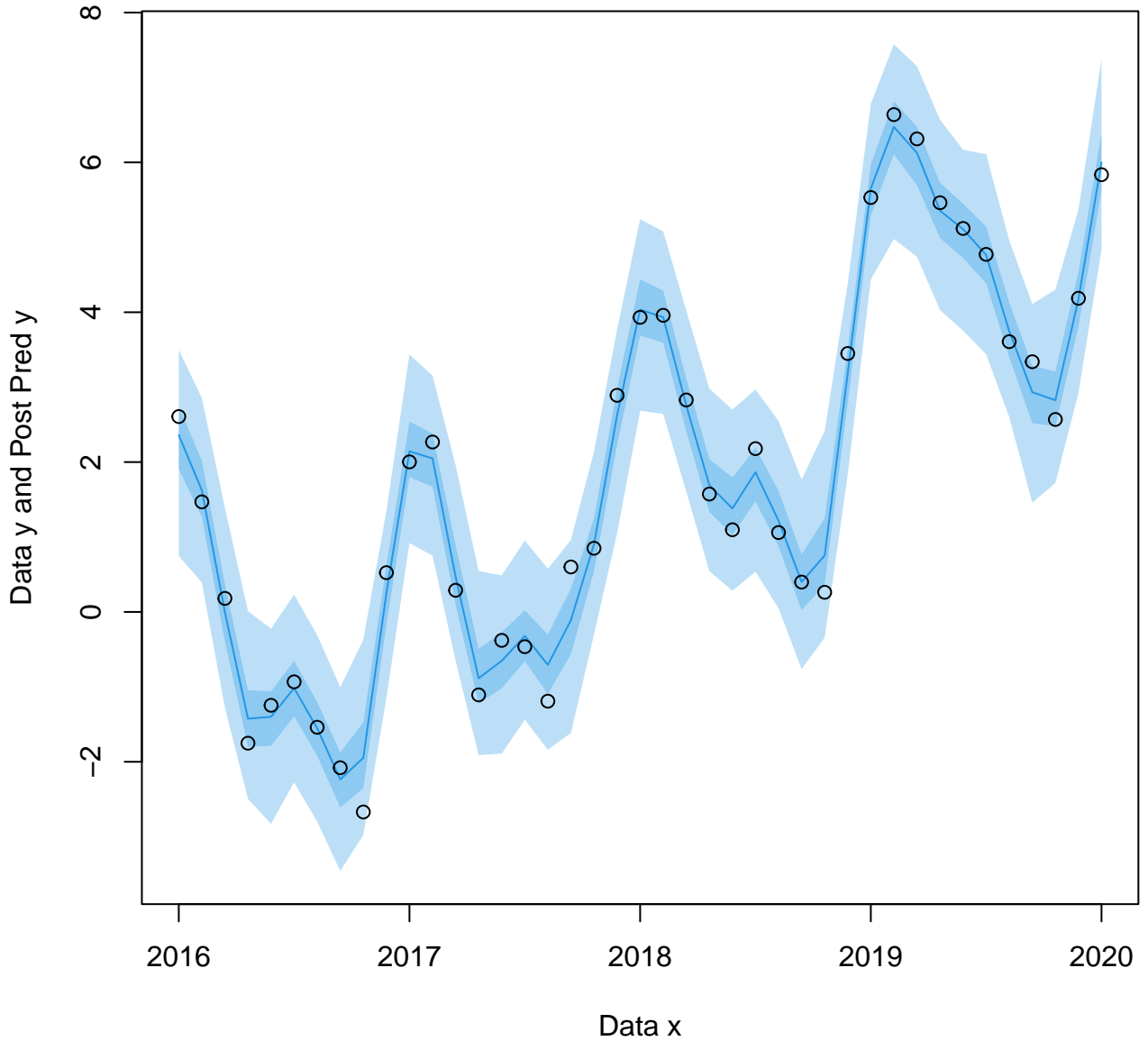


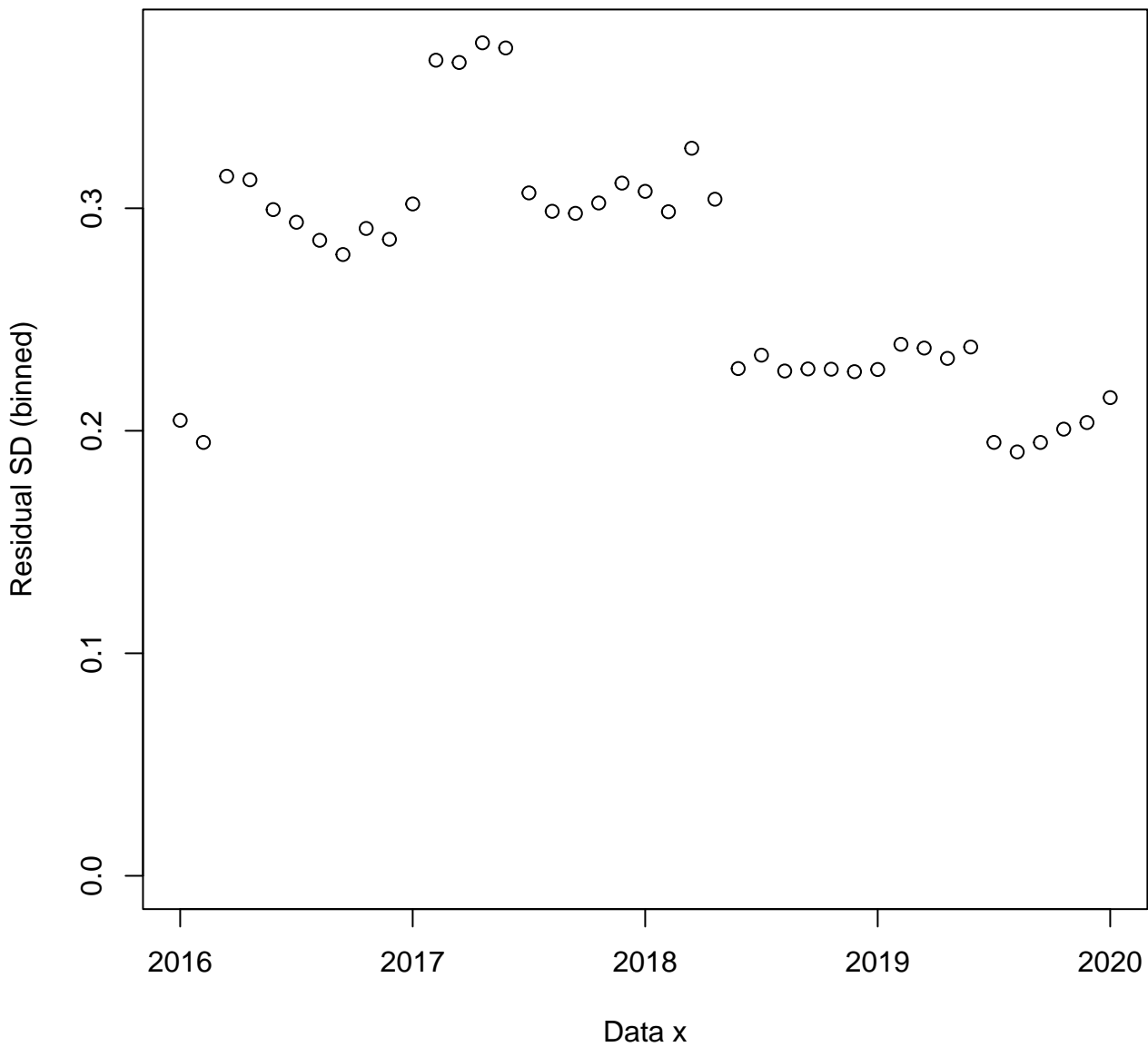
Residuals & PP Residual vs. Data Sequence



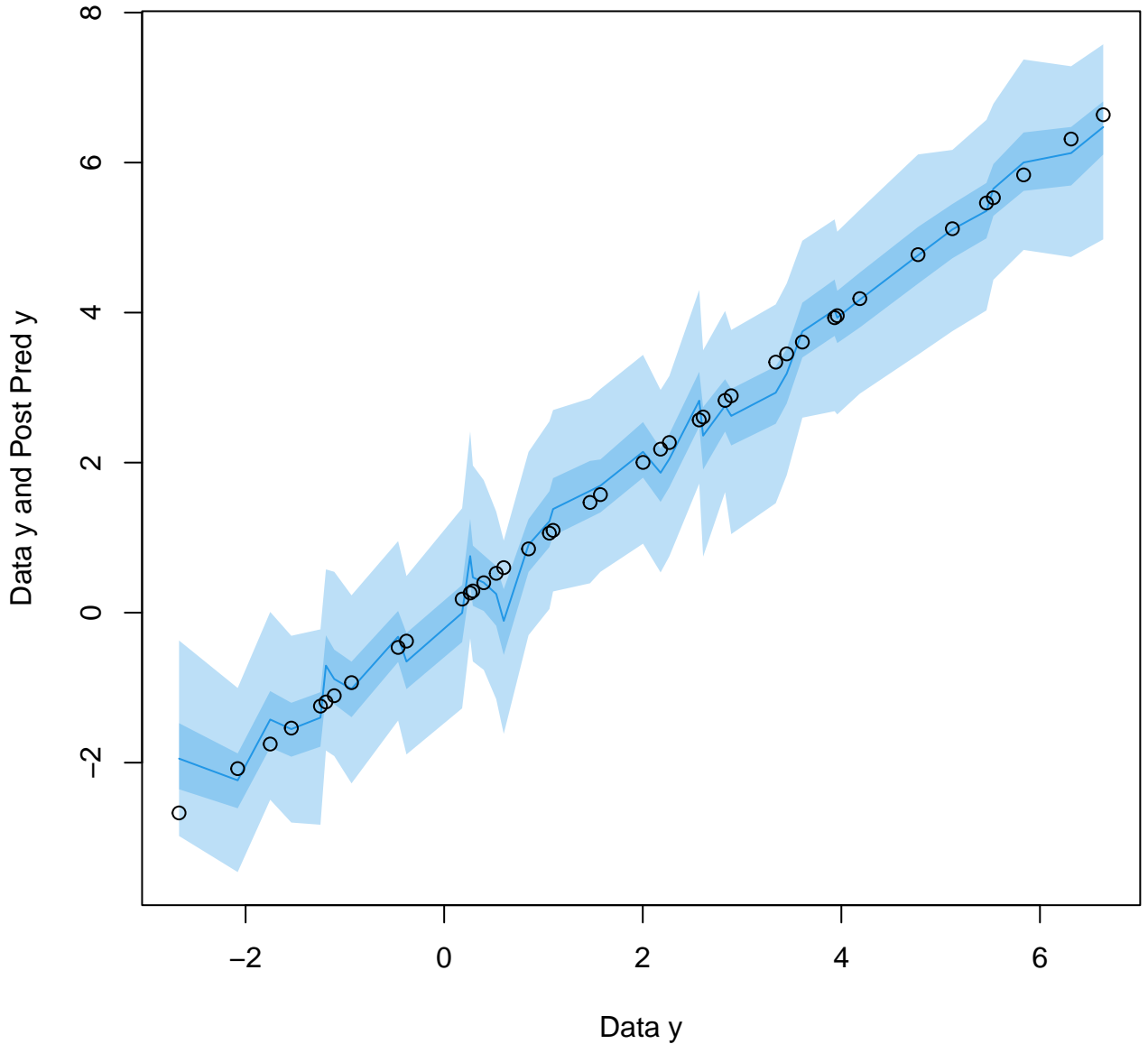


Data y & Post Pred y vs. Data x

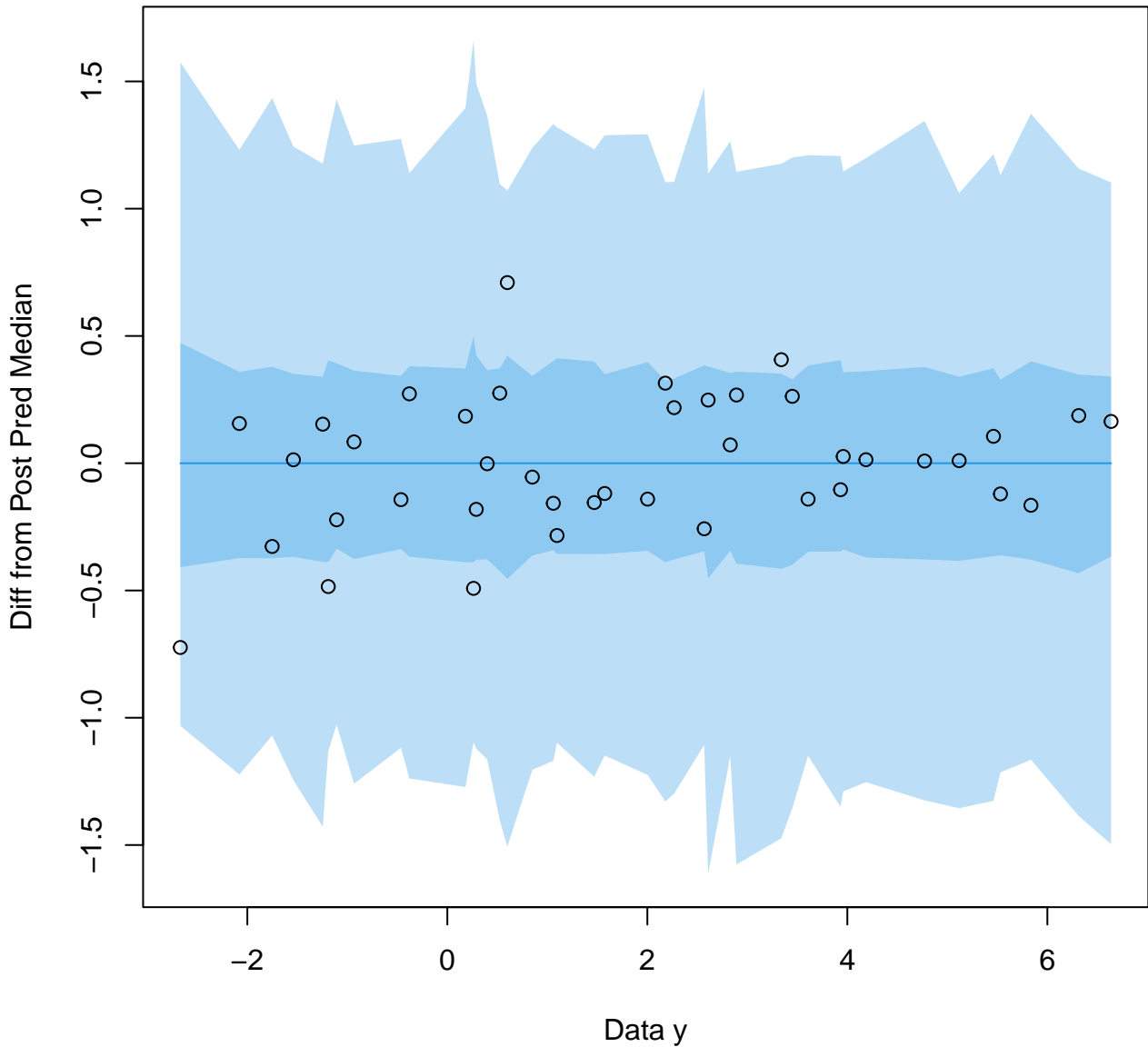


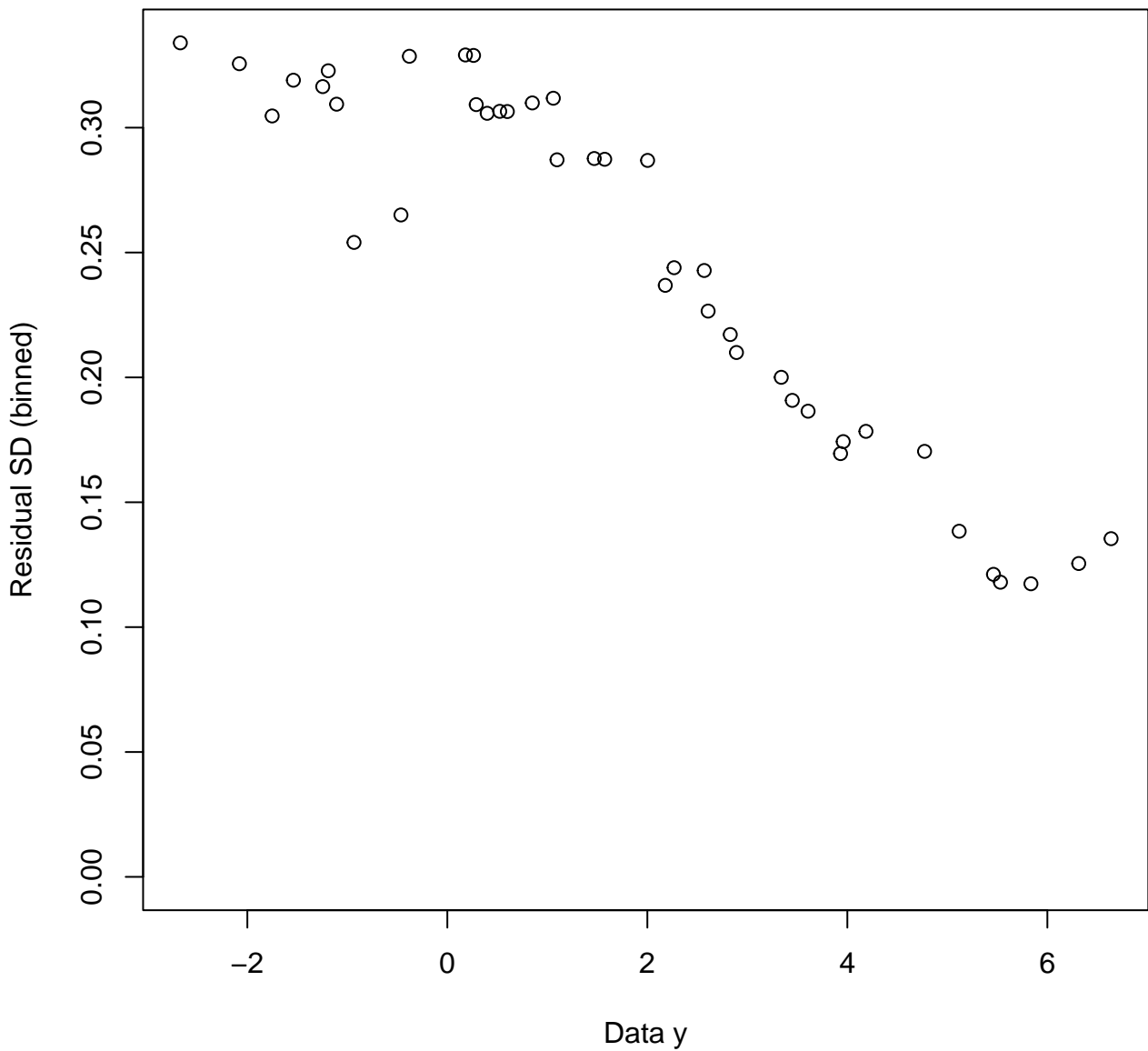


**Data y & Post Pred y
vs. Data y**

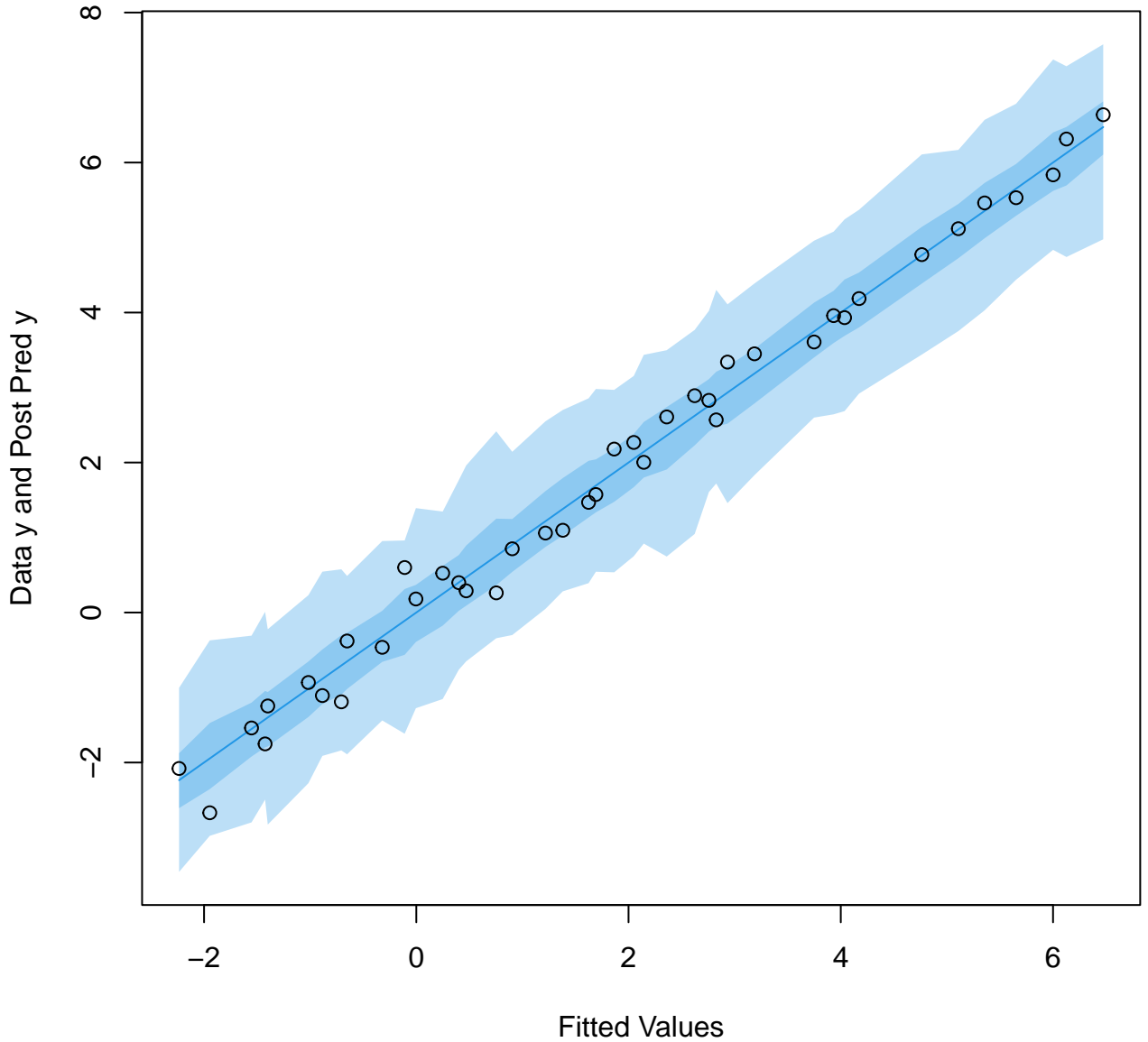


Residuals & PP Residual vs. Data y

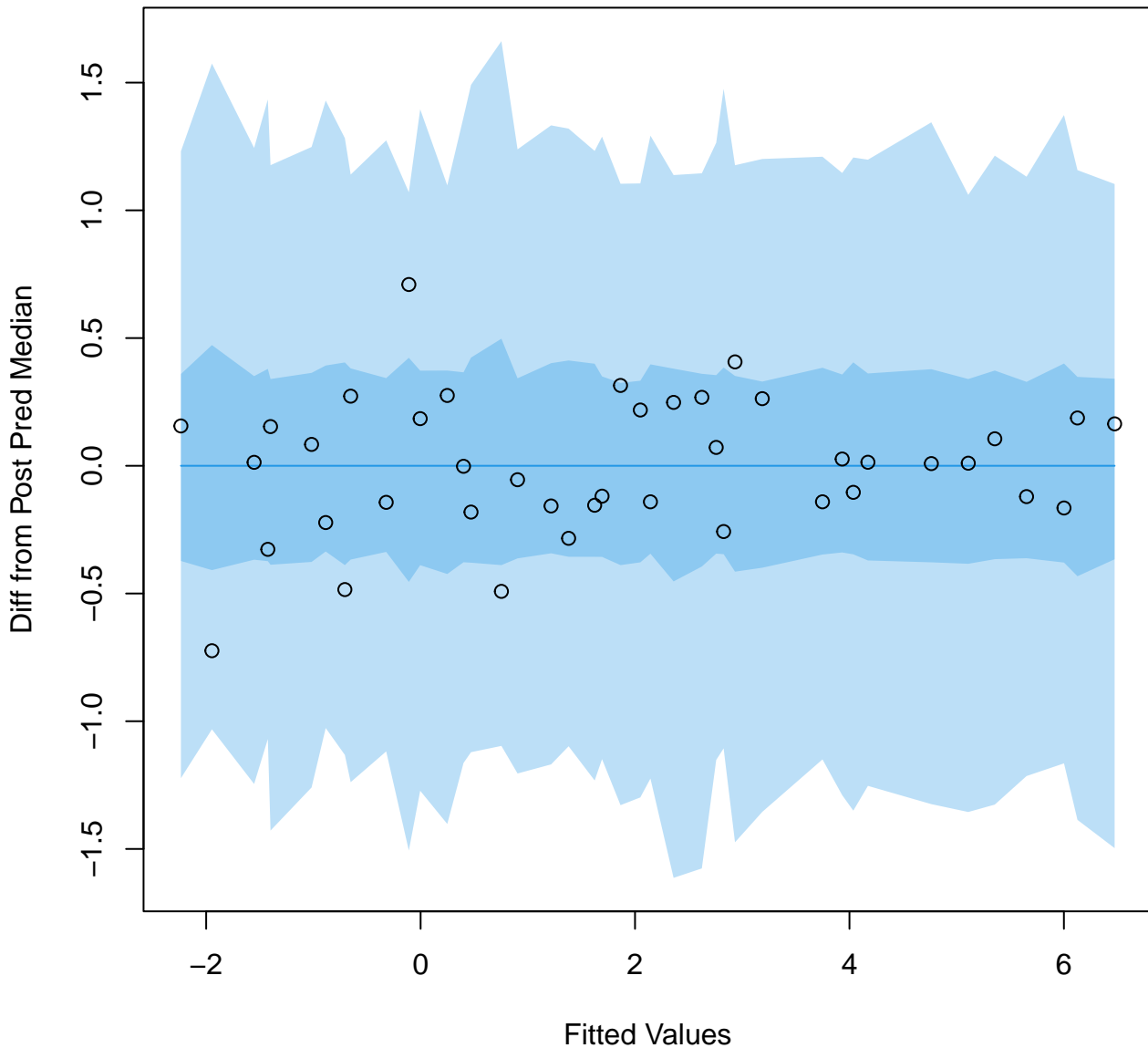


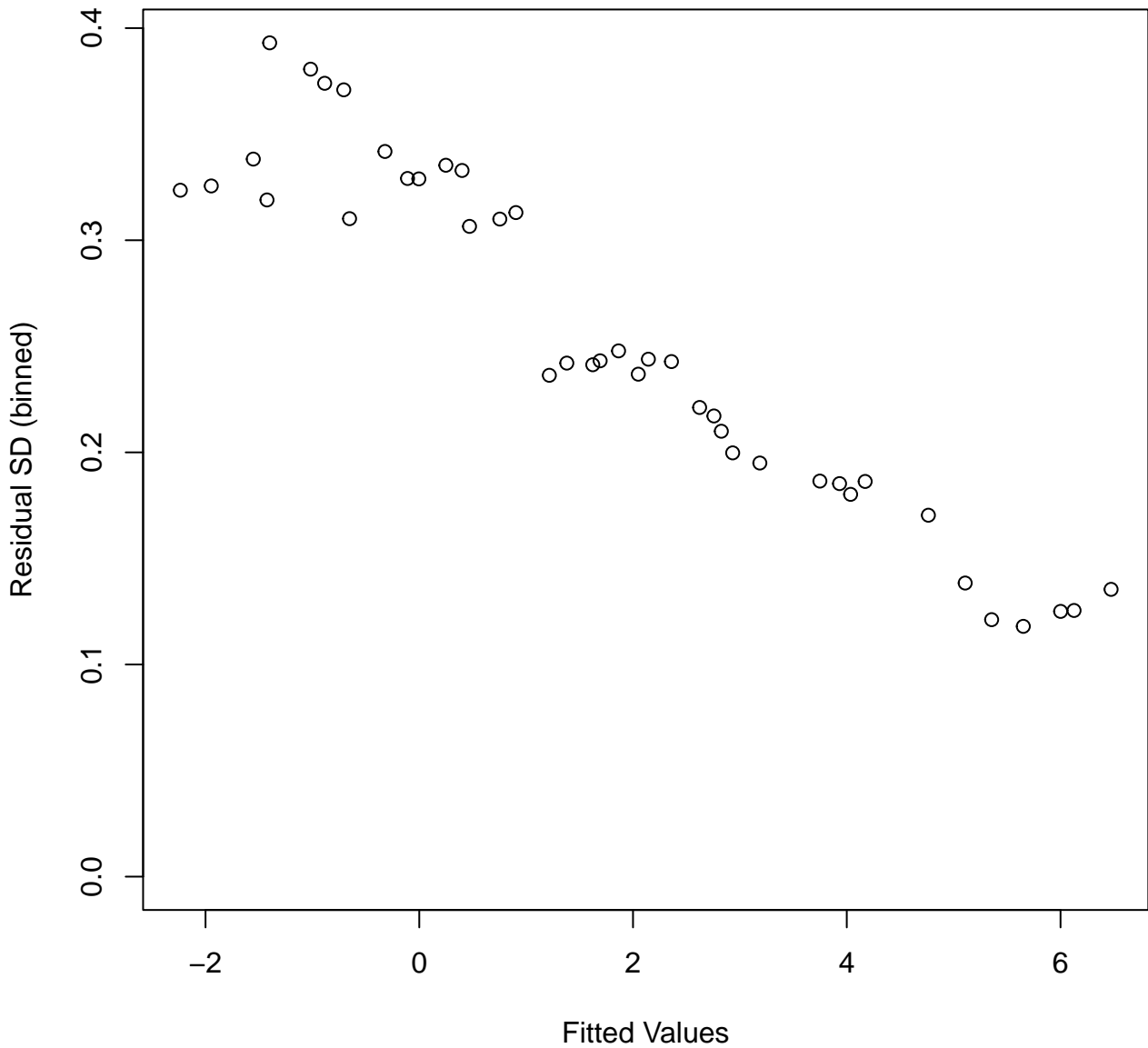


Data y & Post Pred y vs. Fitted Values

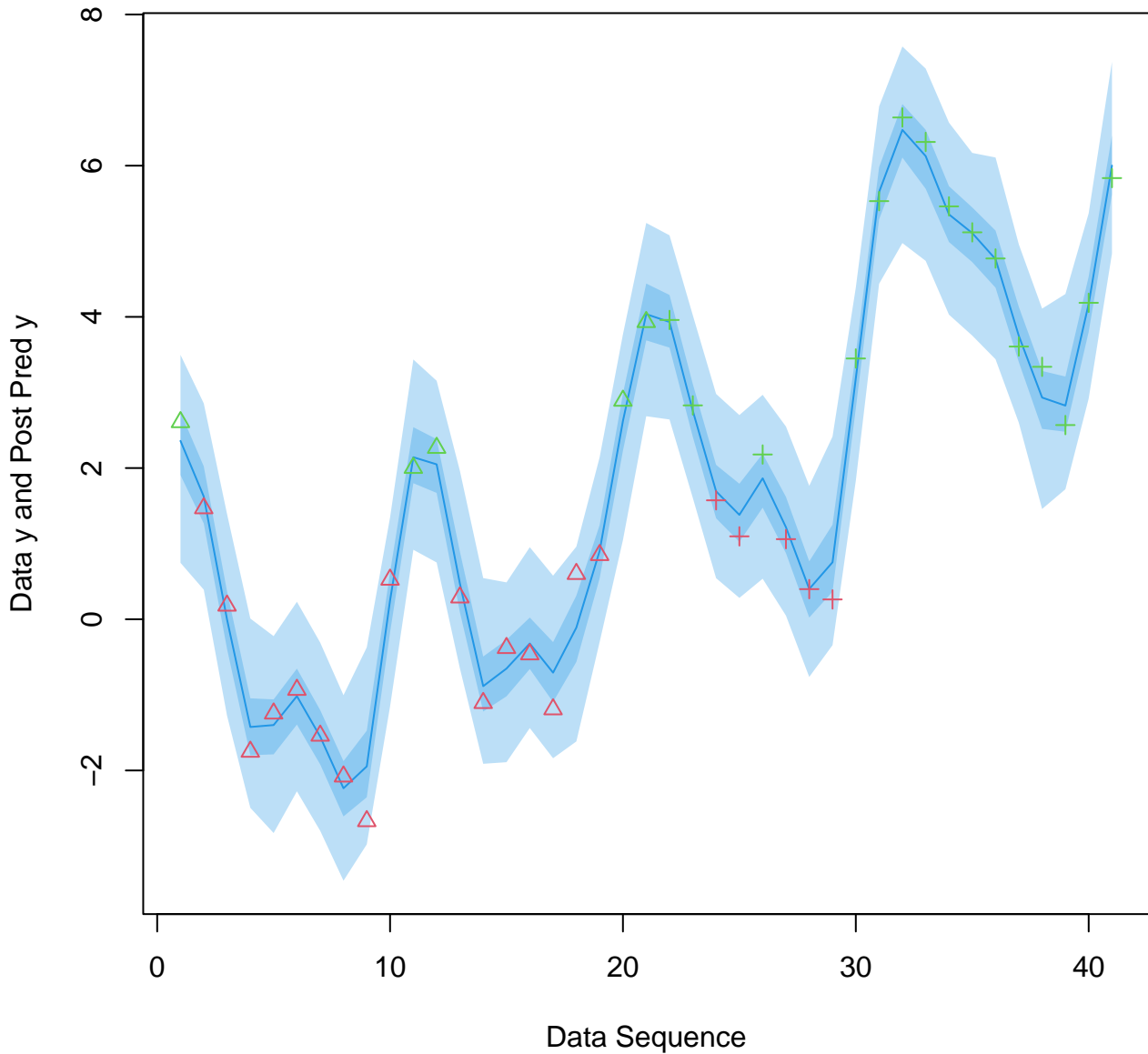


Residuals & PP Residual vs. Fitted Values

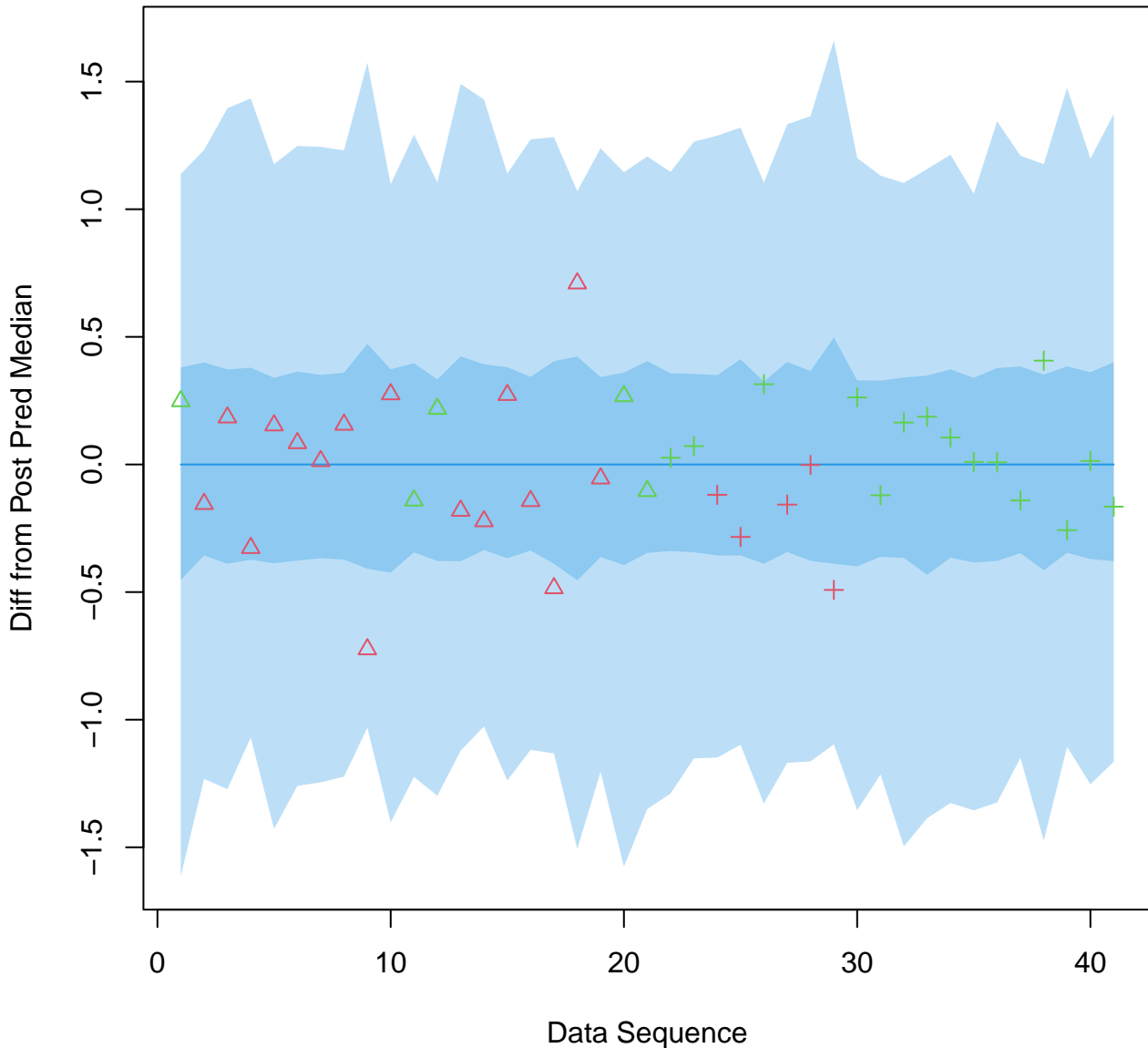


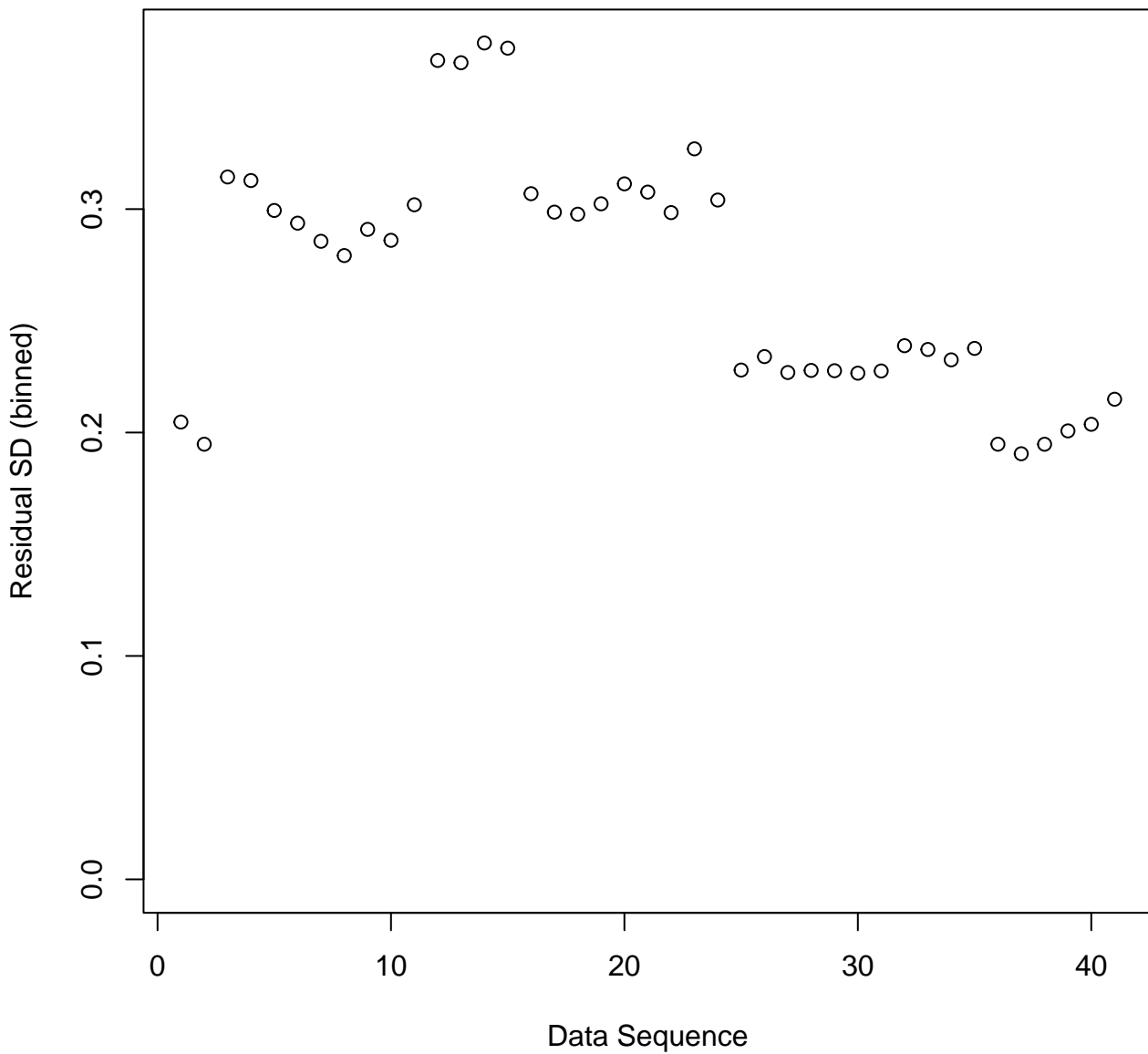


**Data y & Post Pred y
vs. Data Sequence**

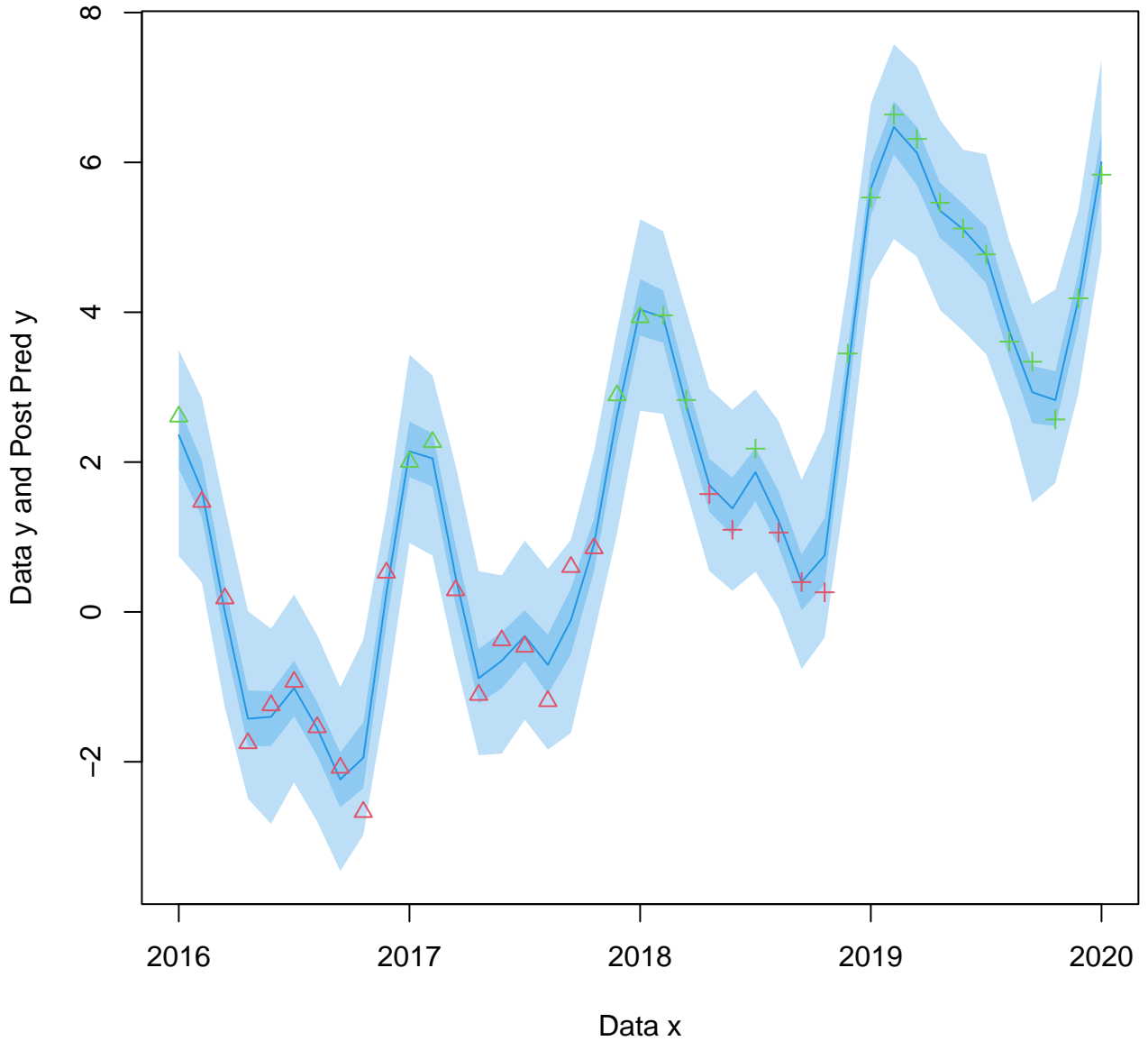


Residuals & PP Residual vs. Data Sequence

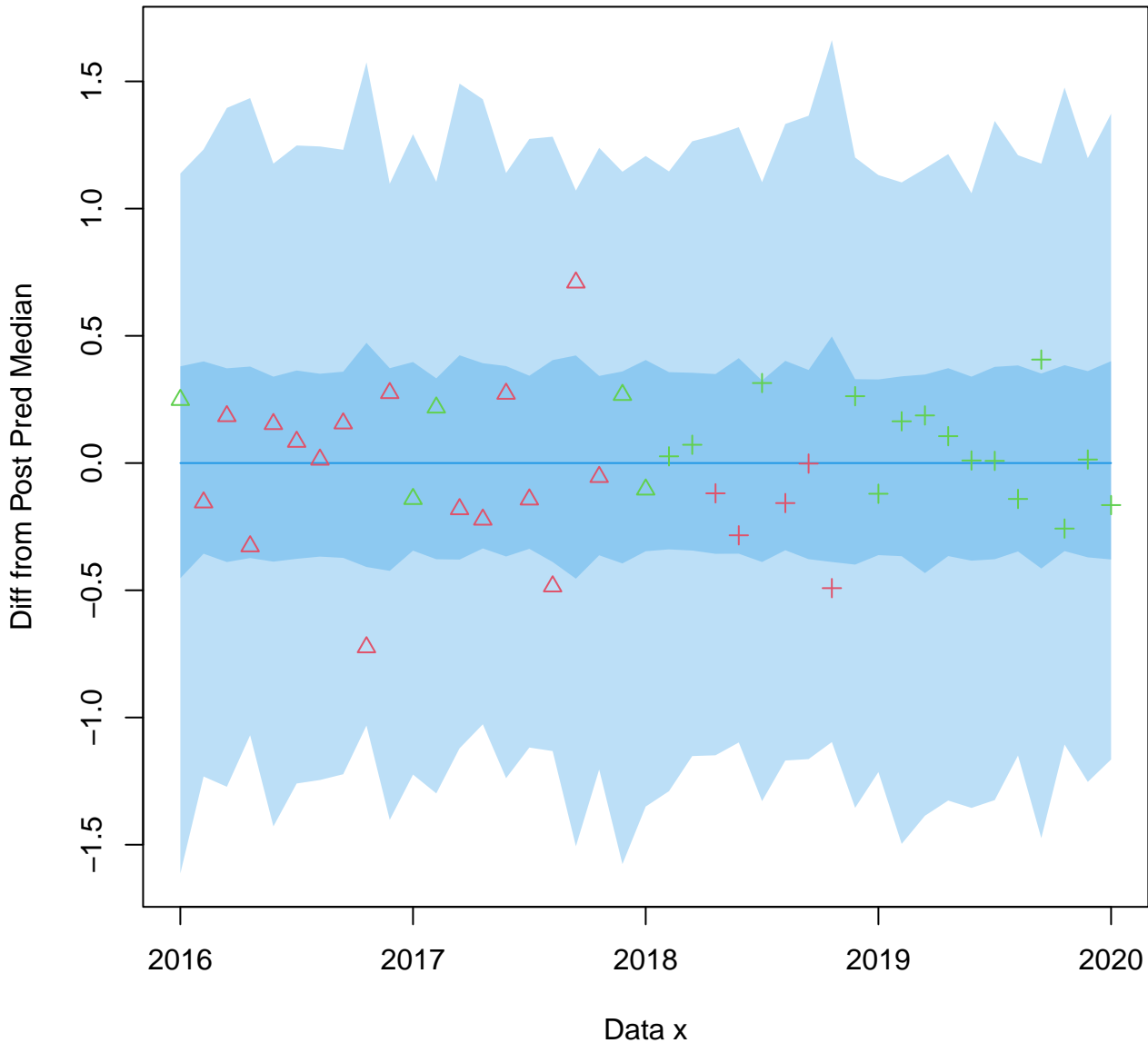


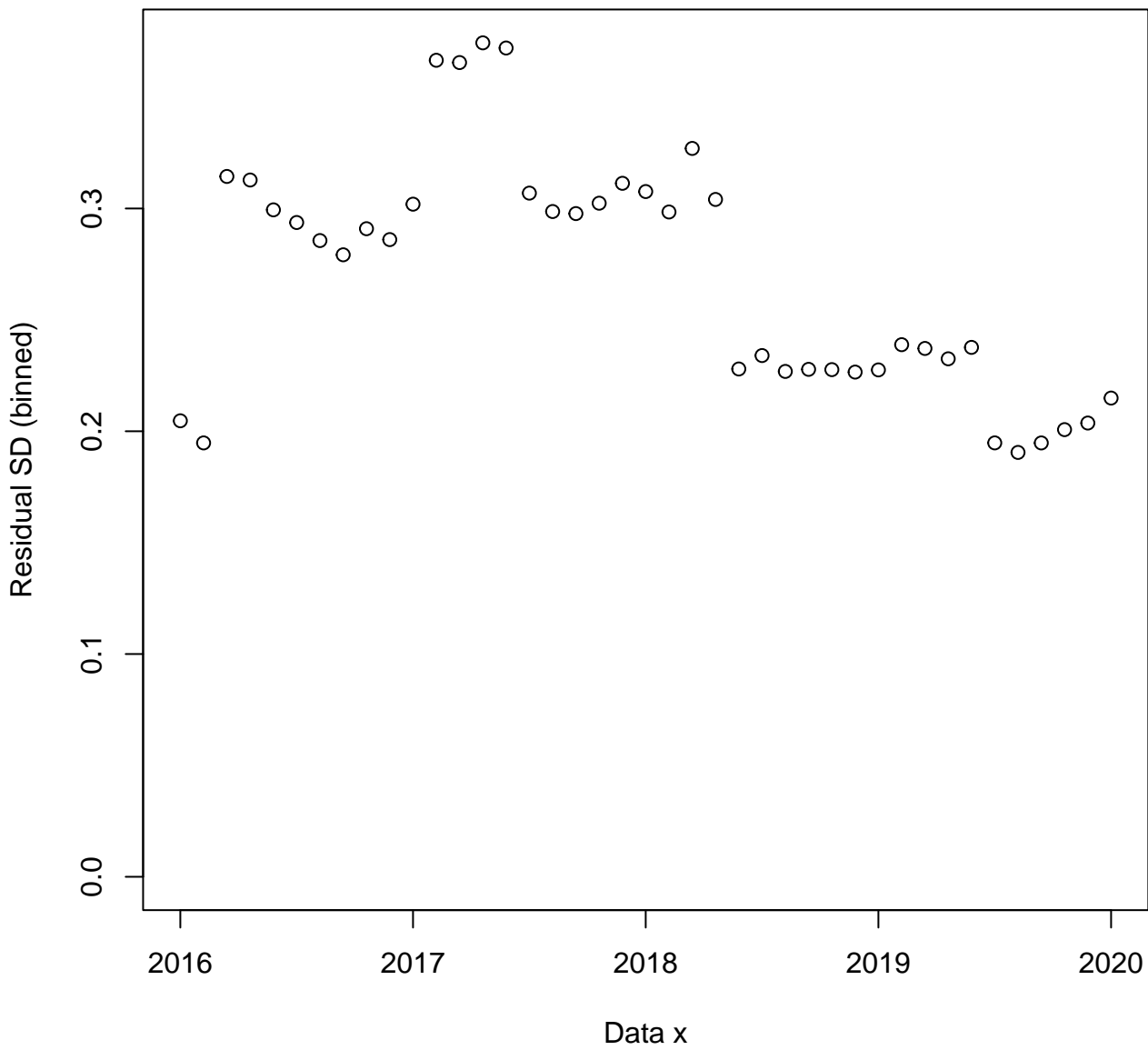


Data y & Post Pred y vs. Data x

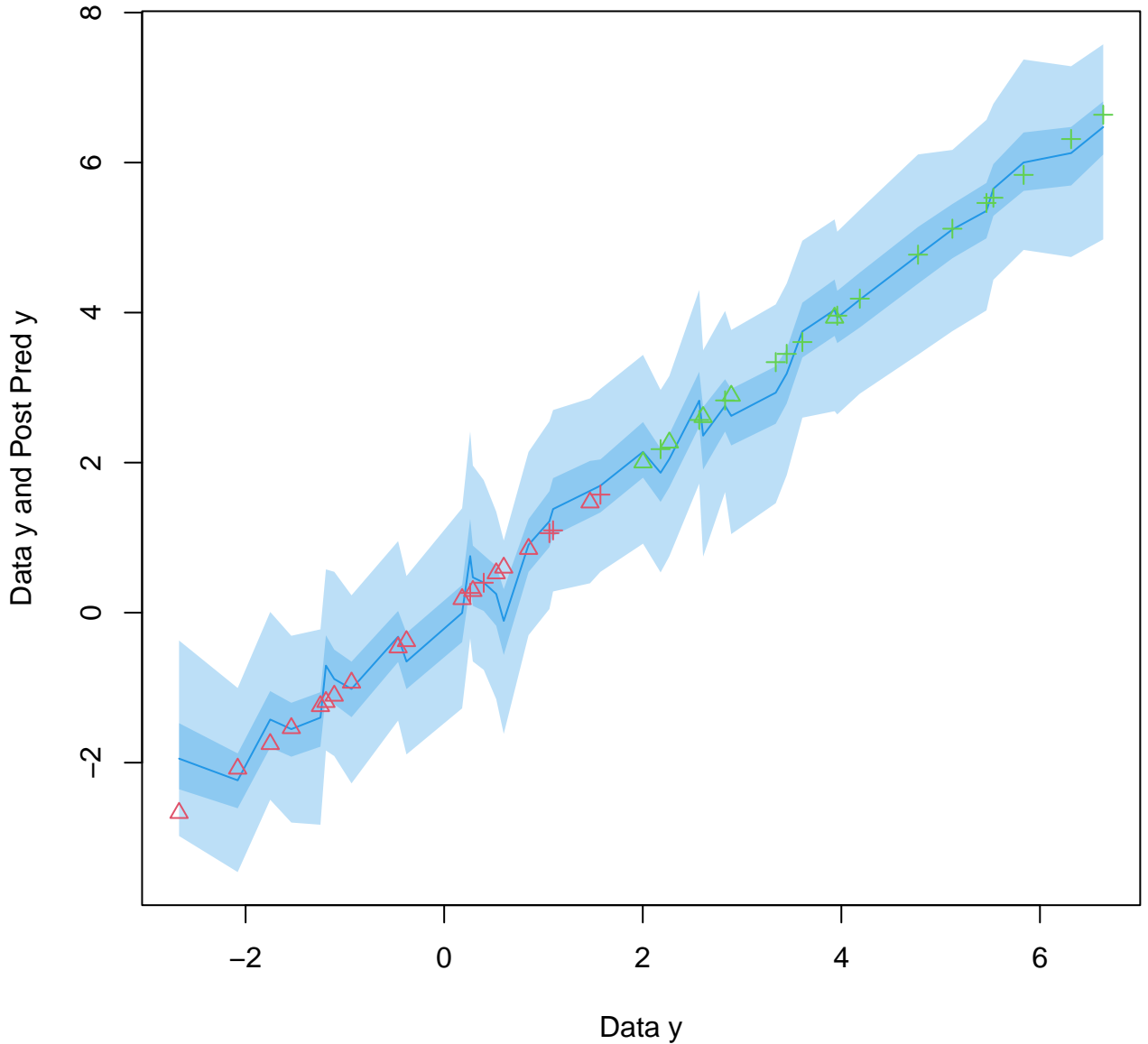


Residuals & PP Residual vs. Data x

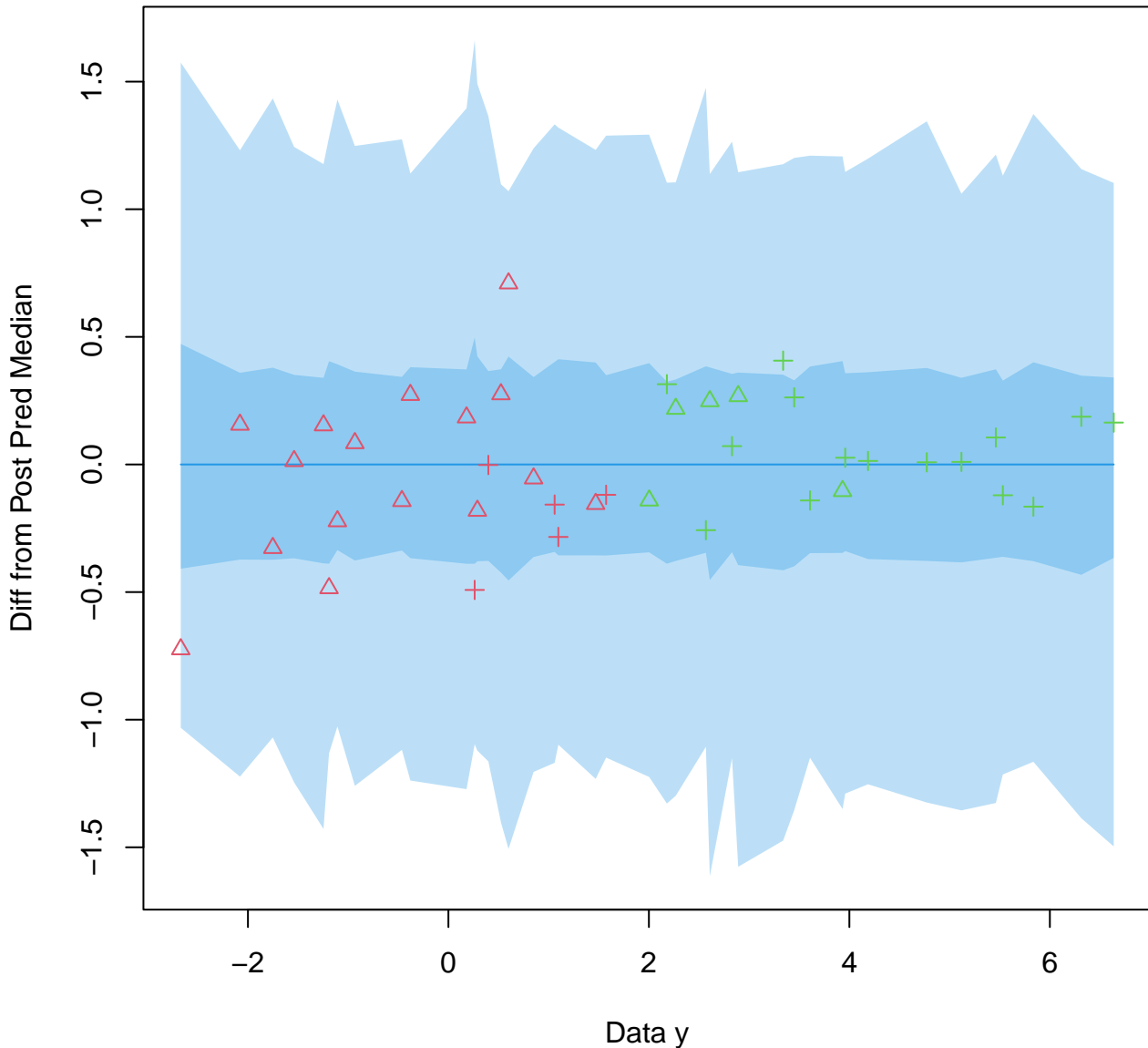


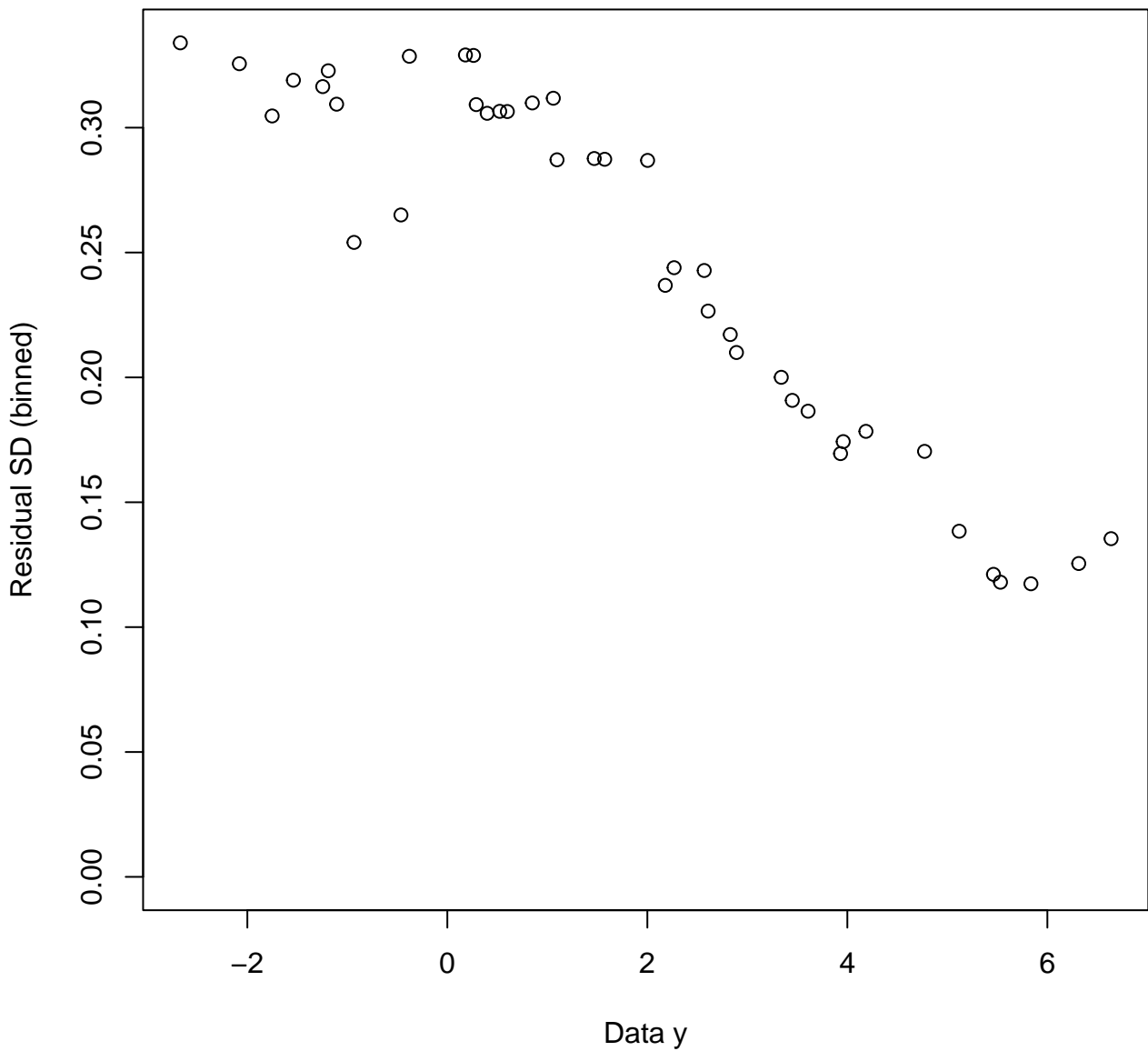


Data y & Post Pred y vs. Data y

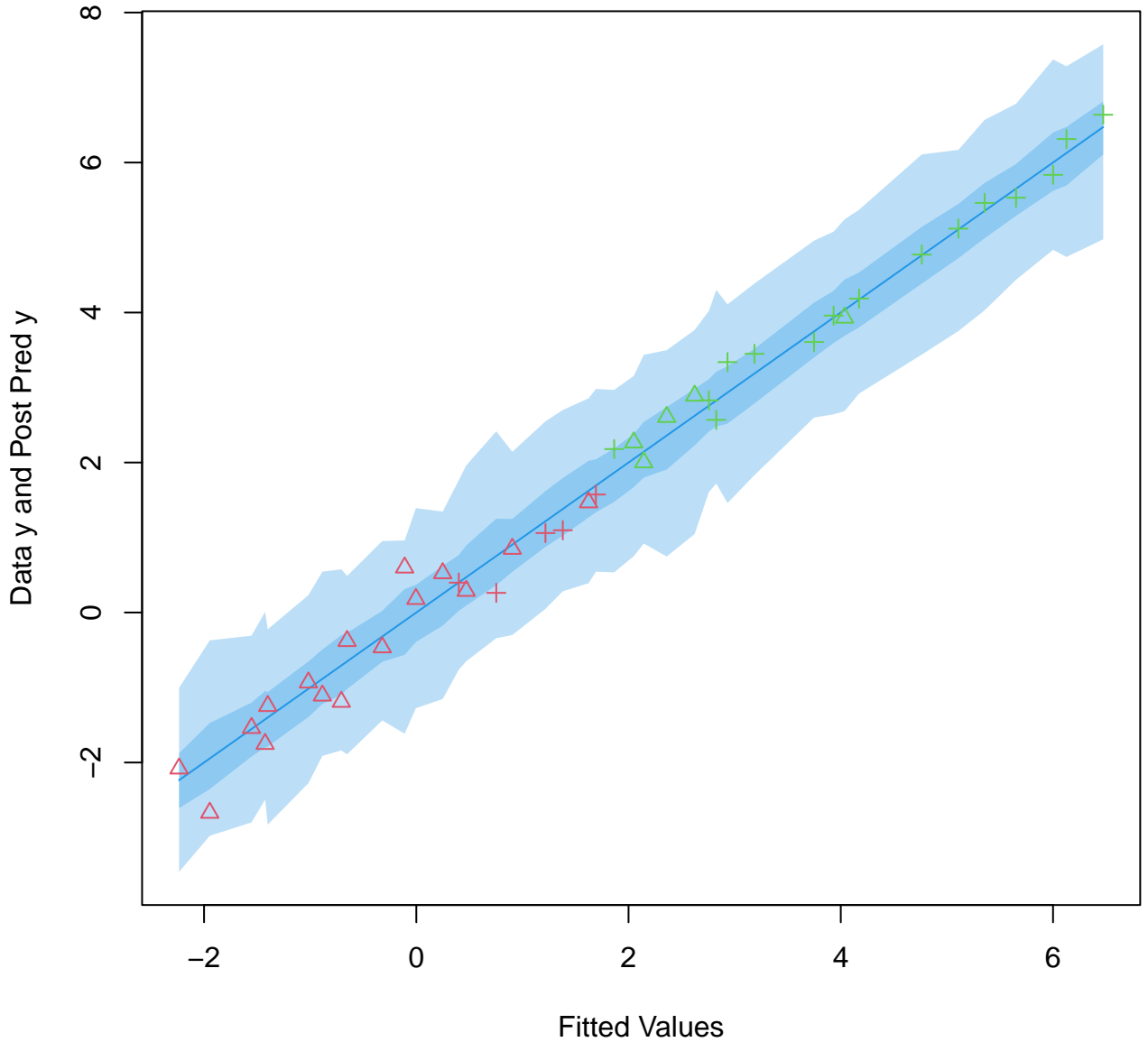


Residuals & PP Residual vs. Data y

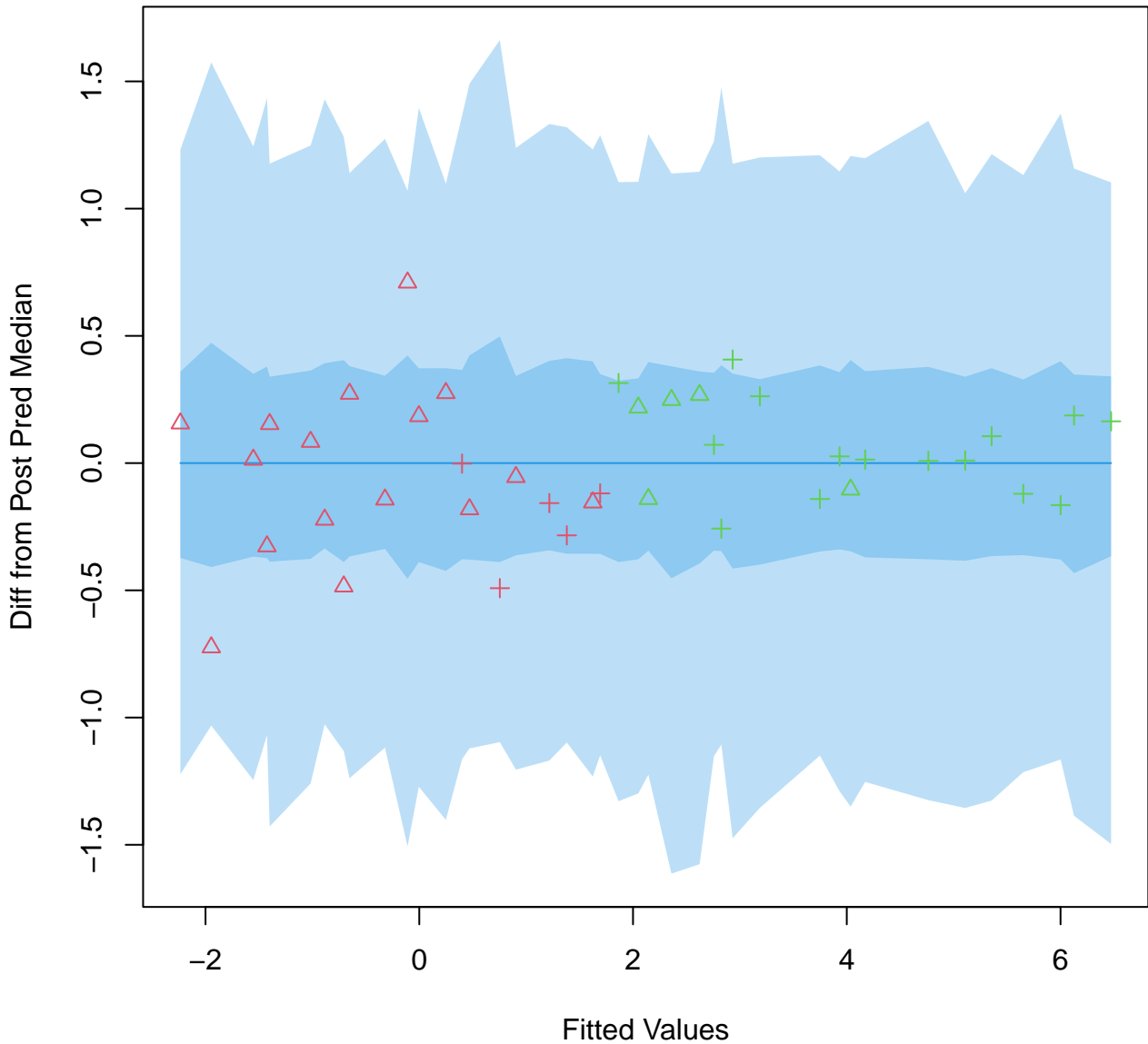


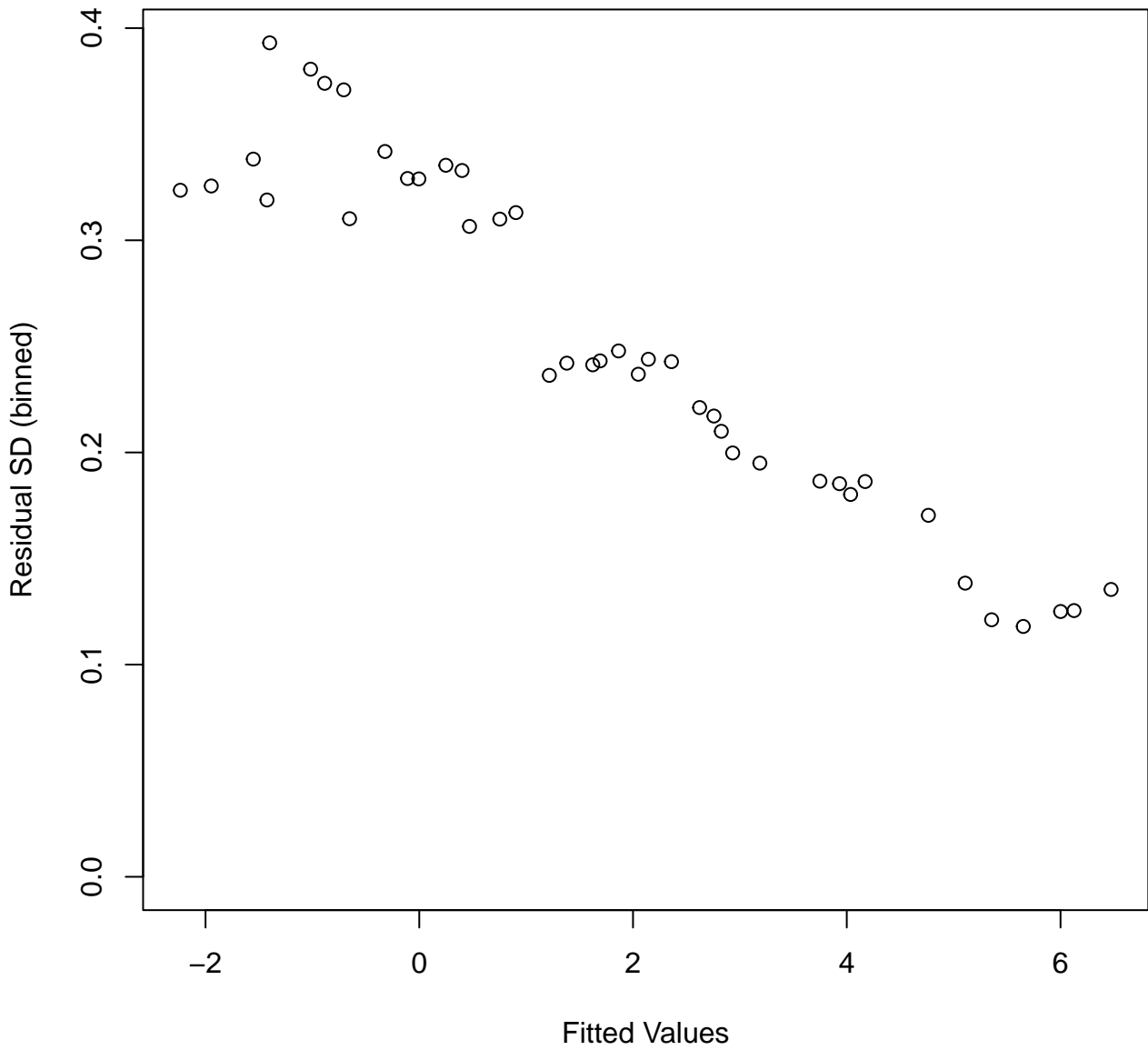


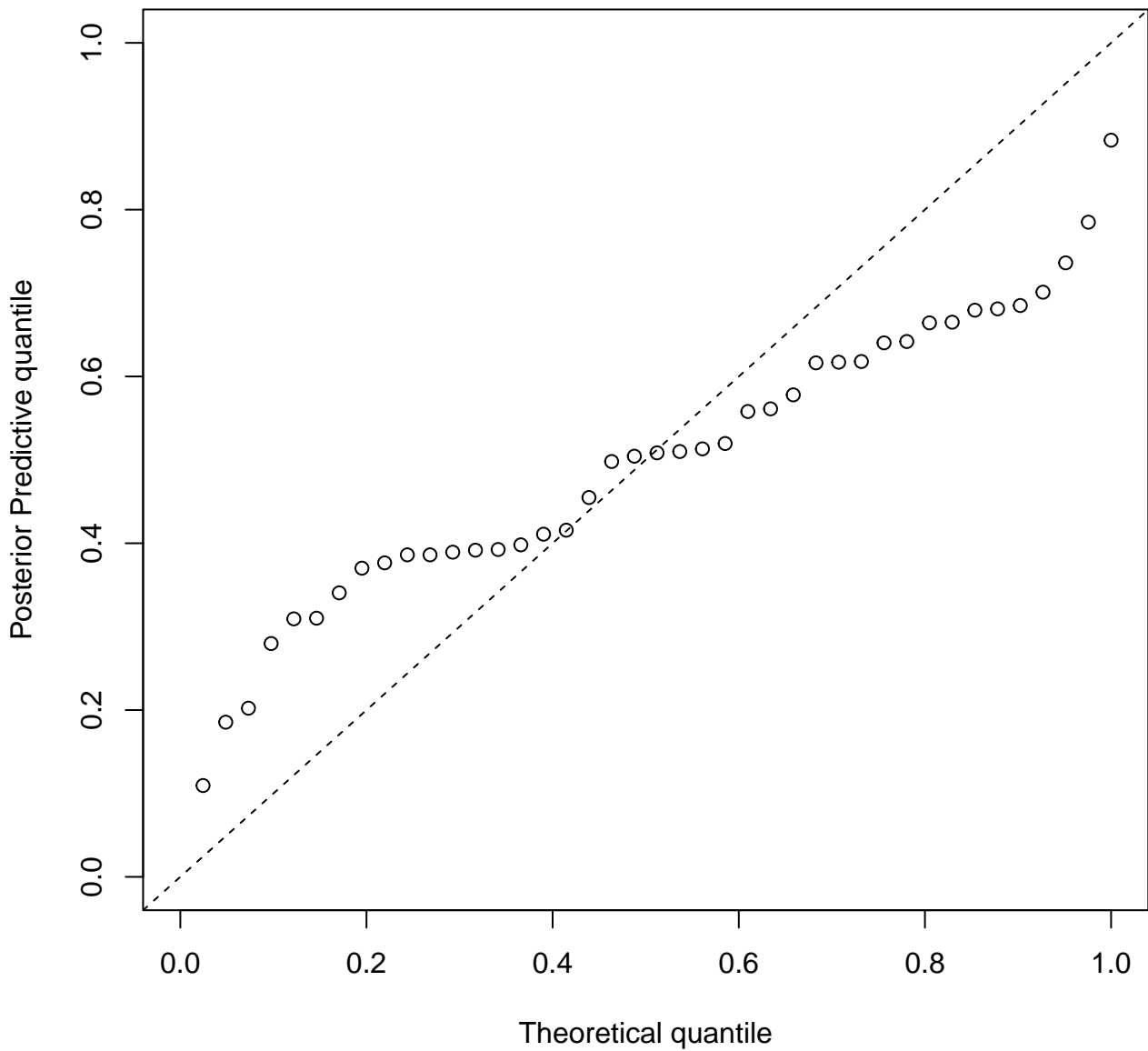
Data y & Post Pred y vs. Fitted Values

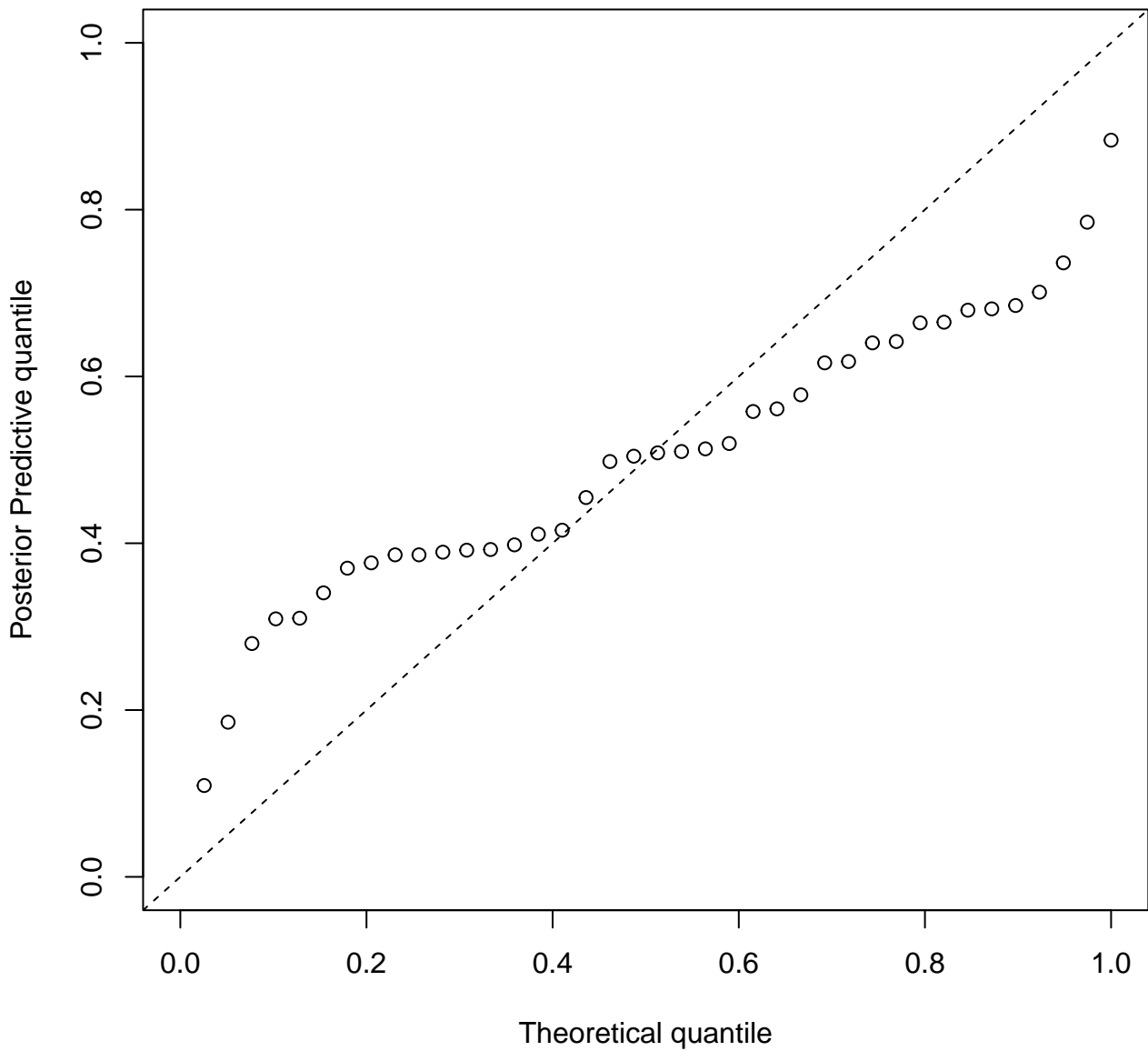


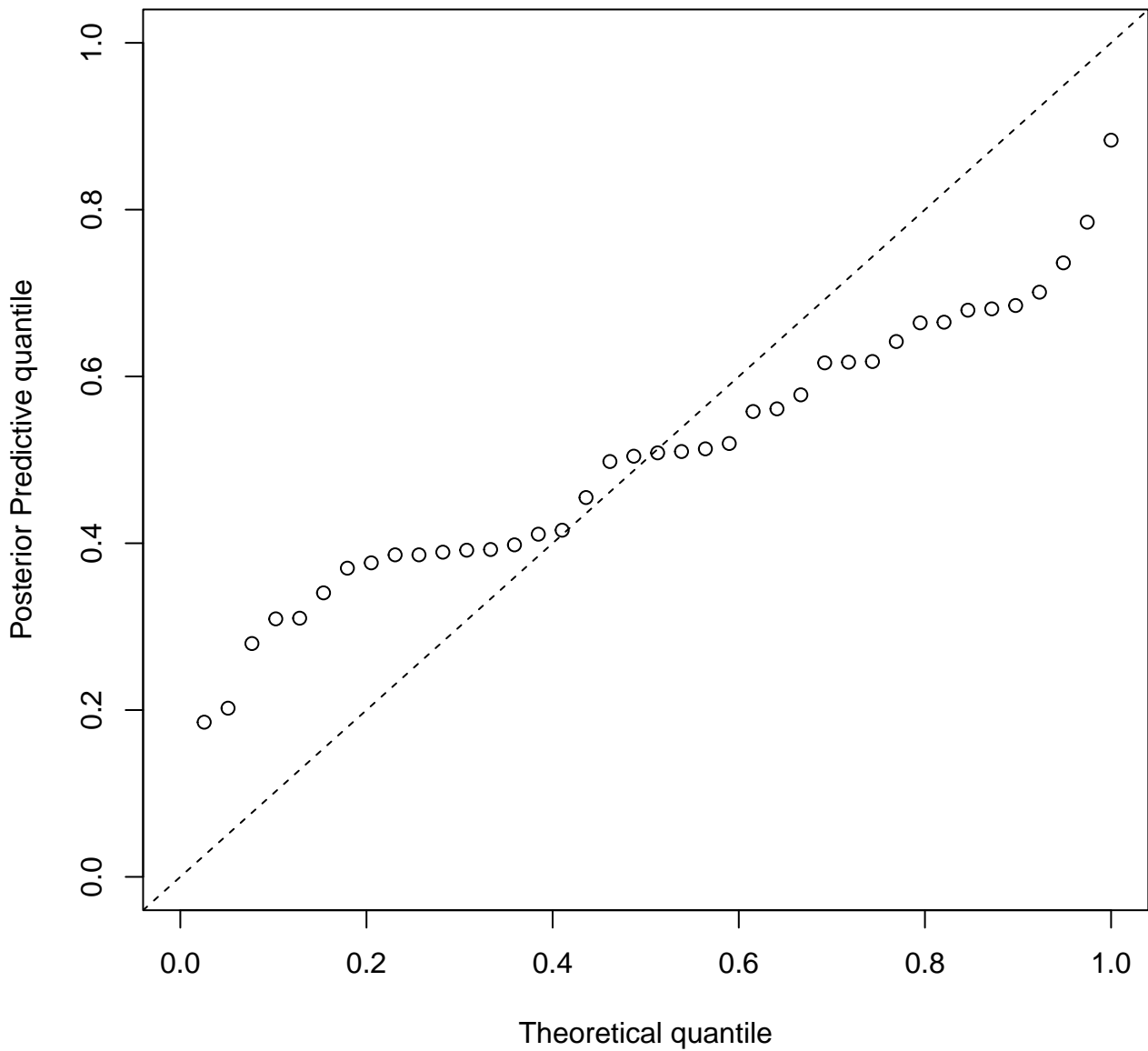
Residuals & PP Residual vs. Fitted Values

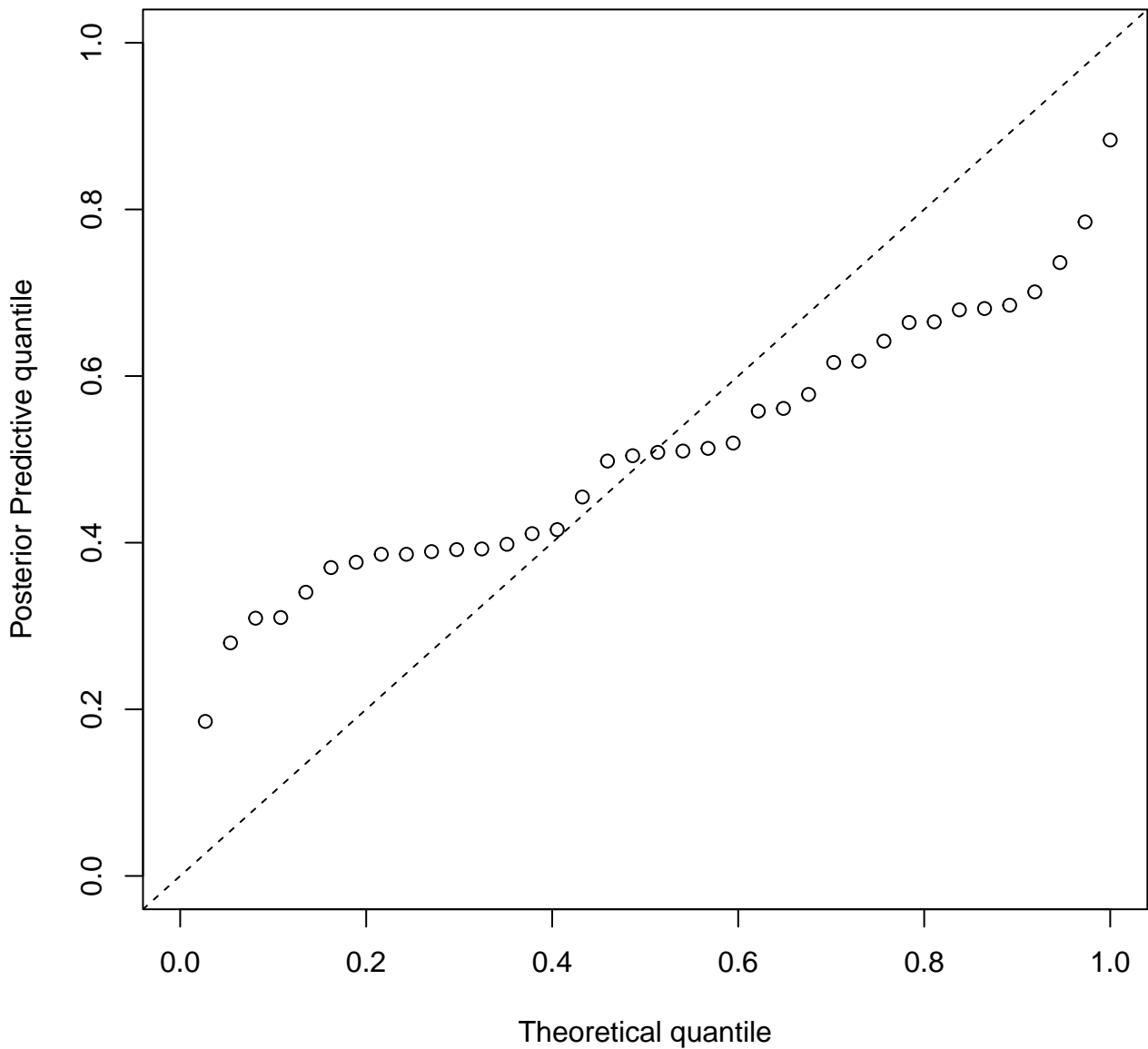


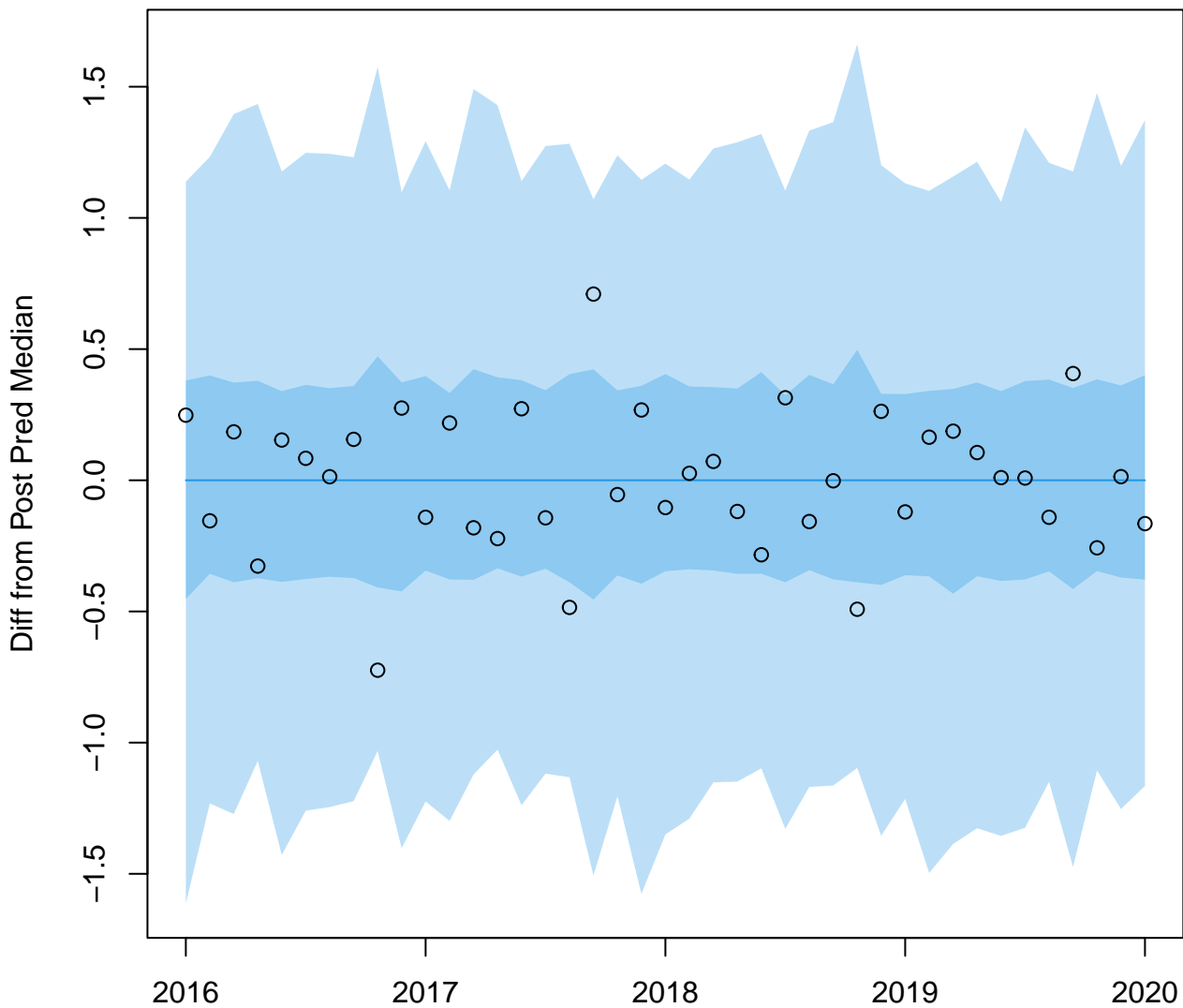


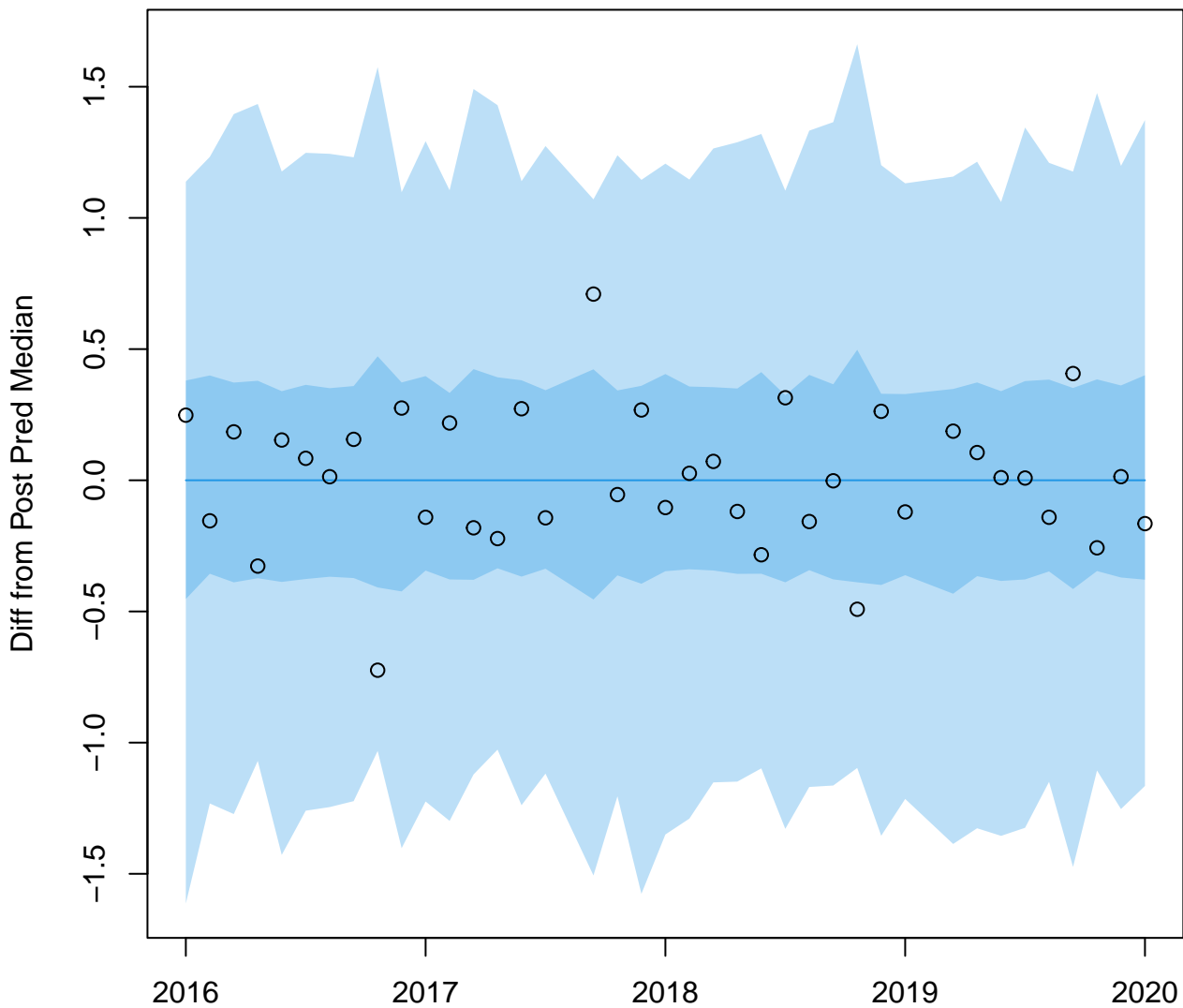


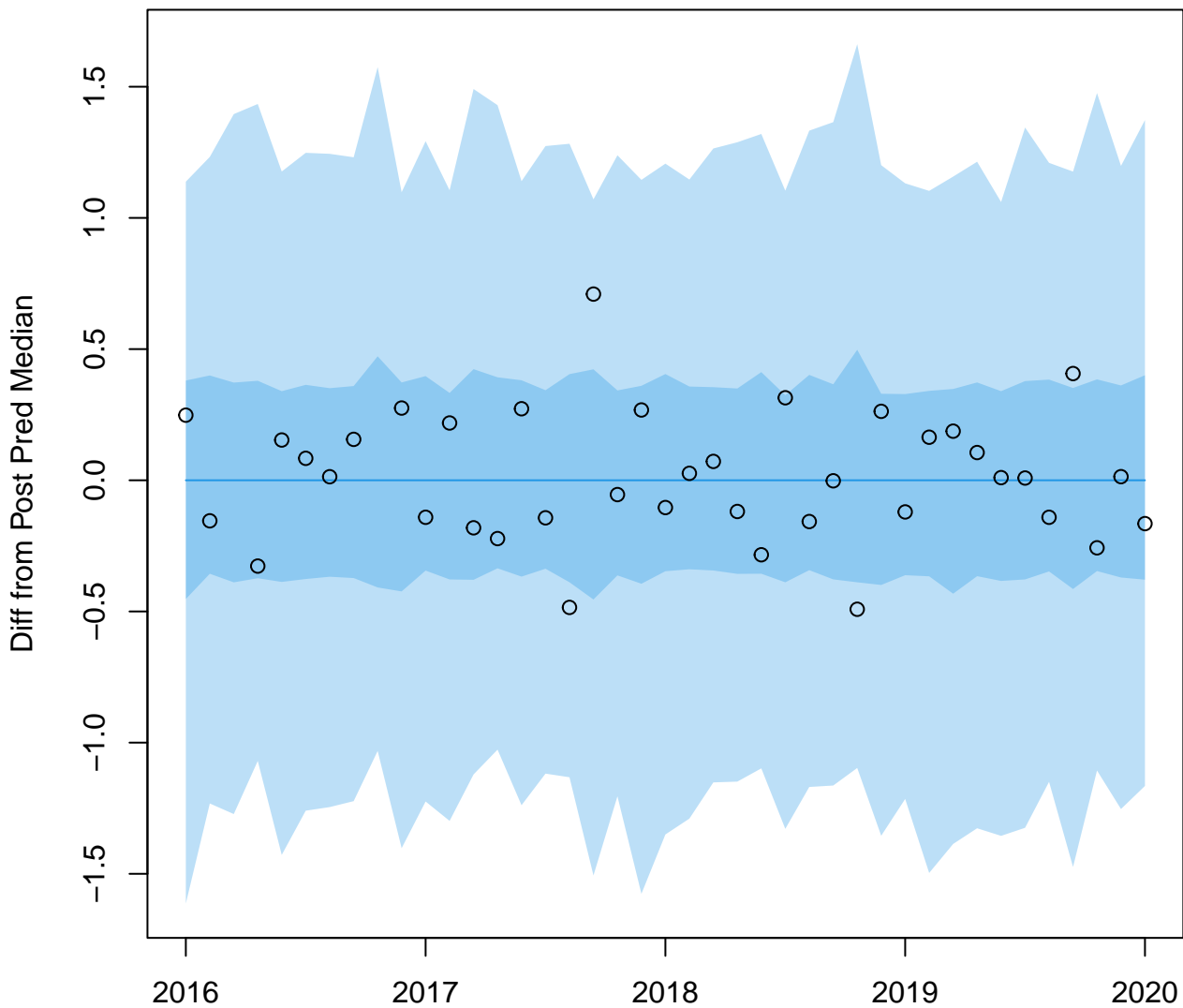


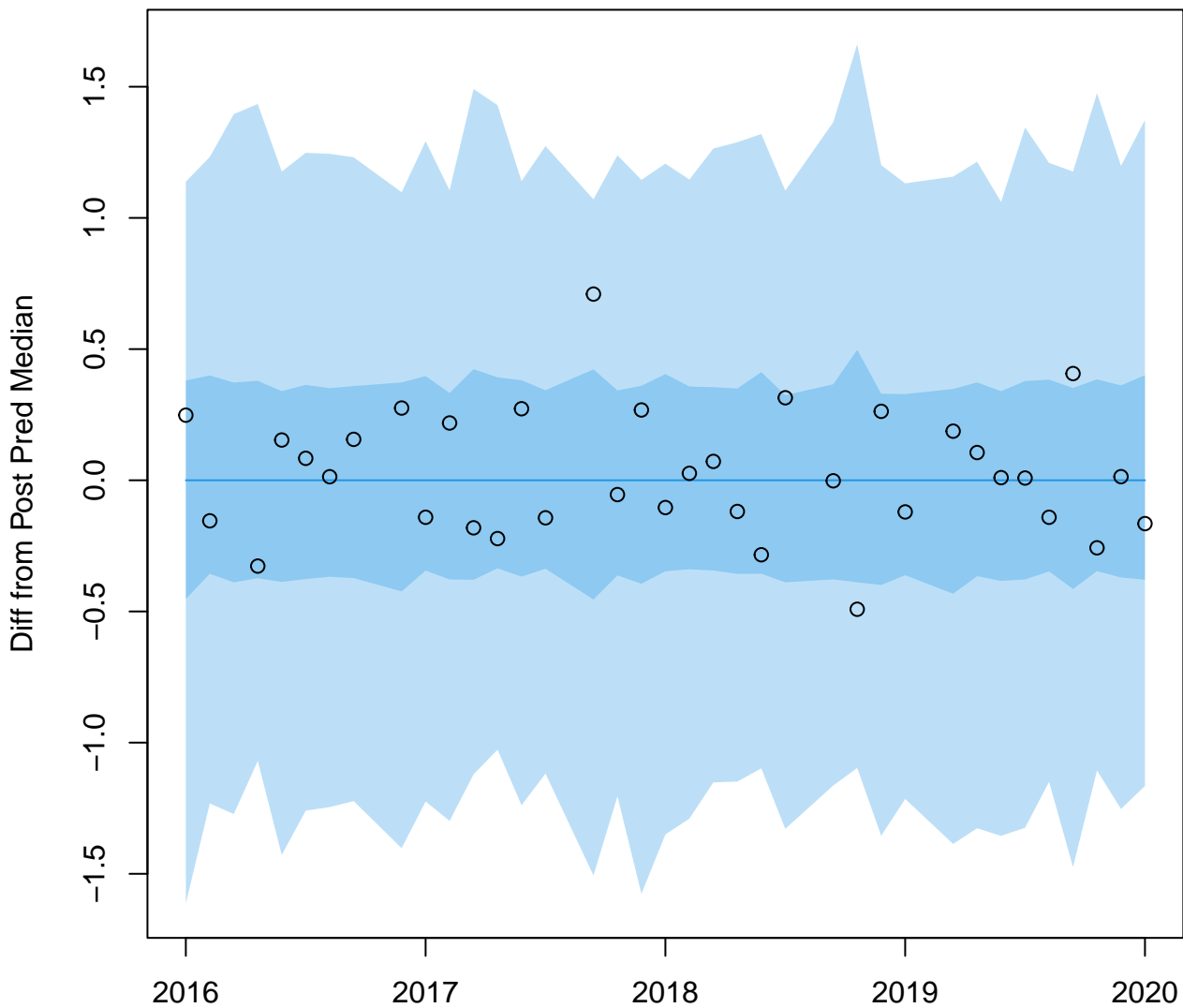


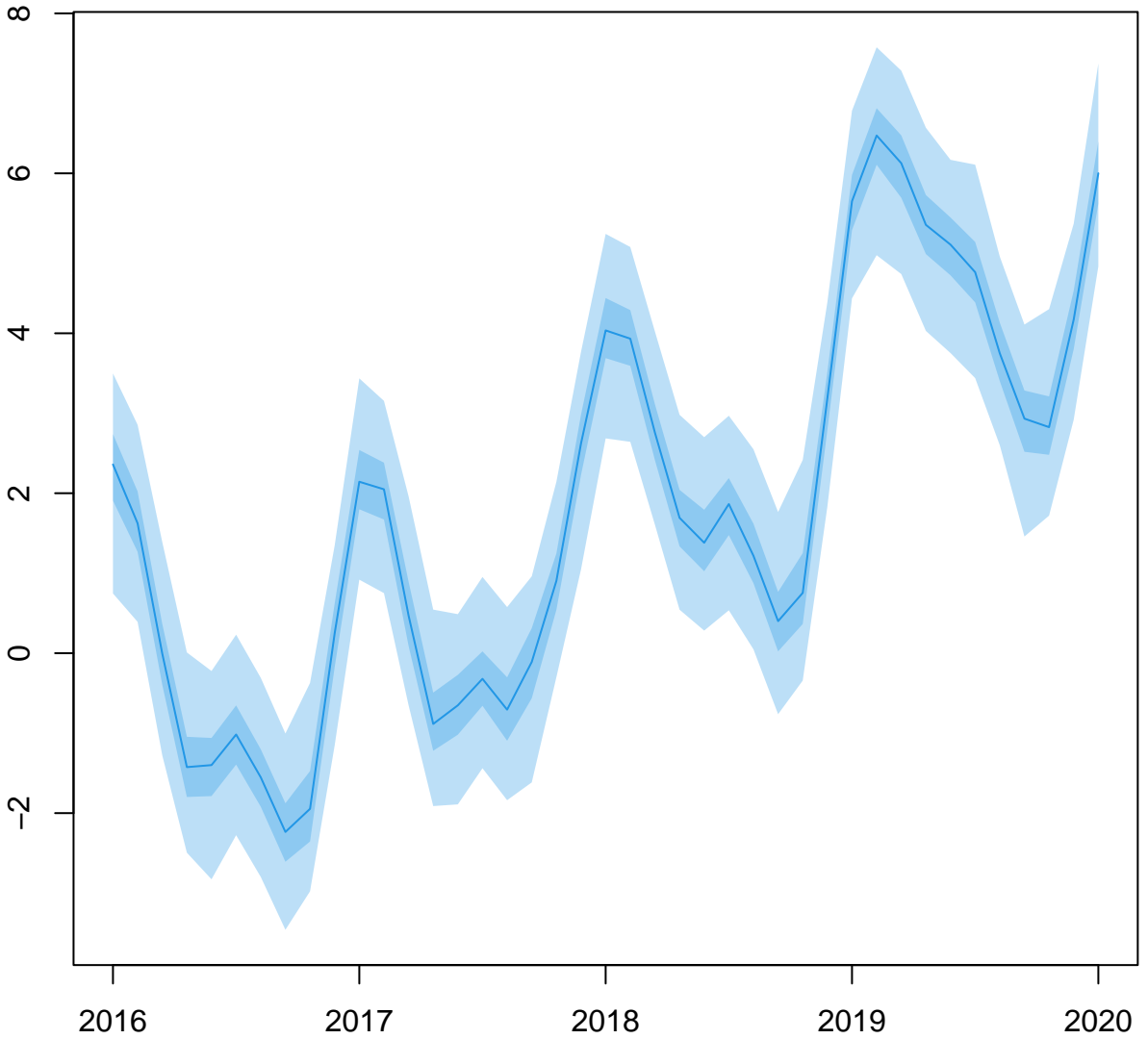


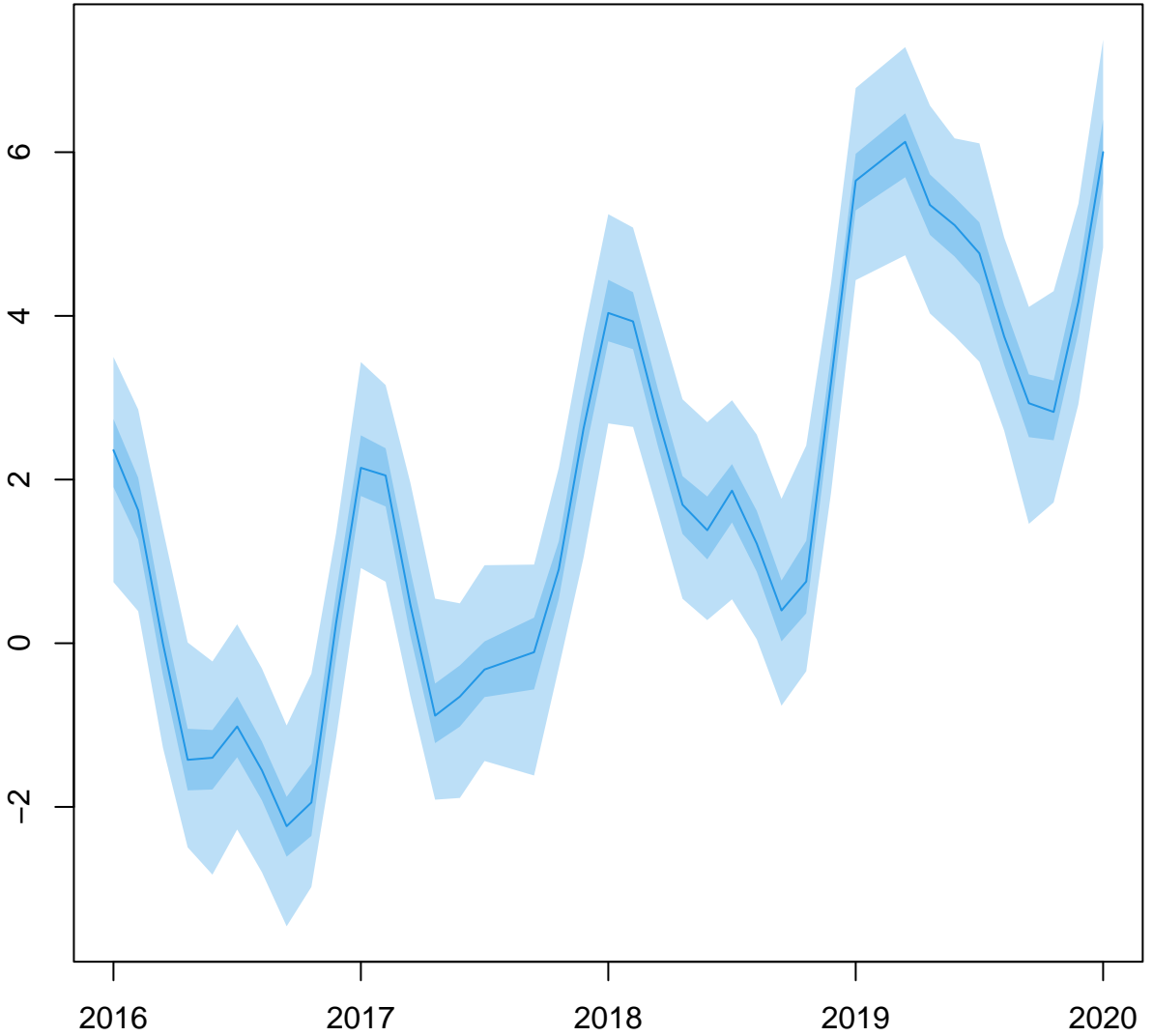


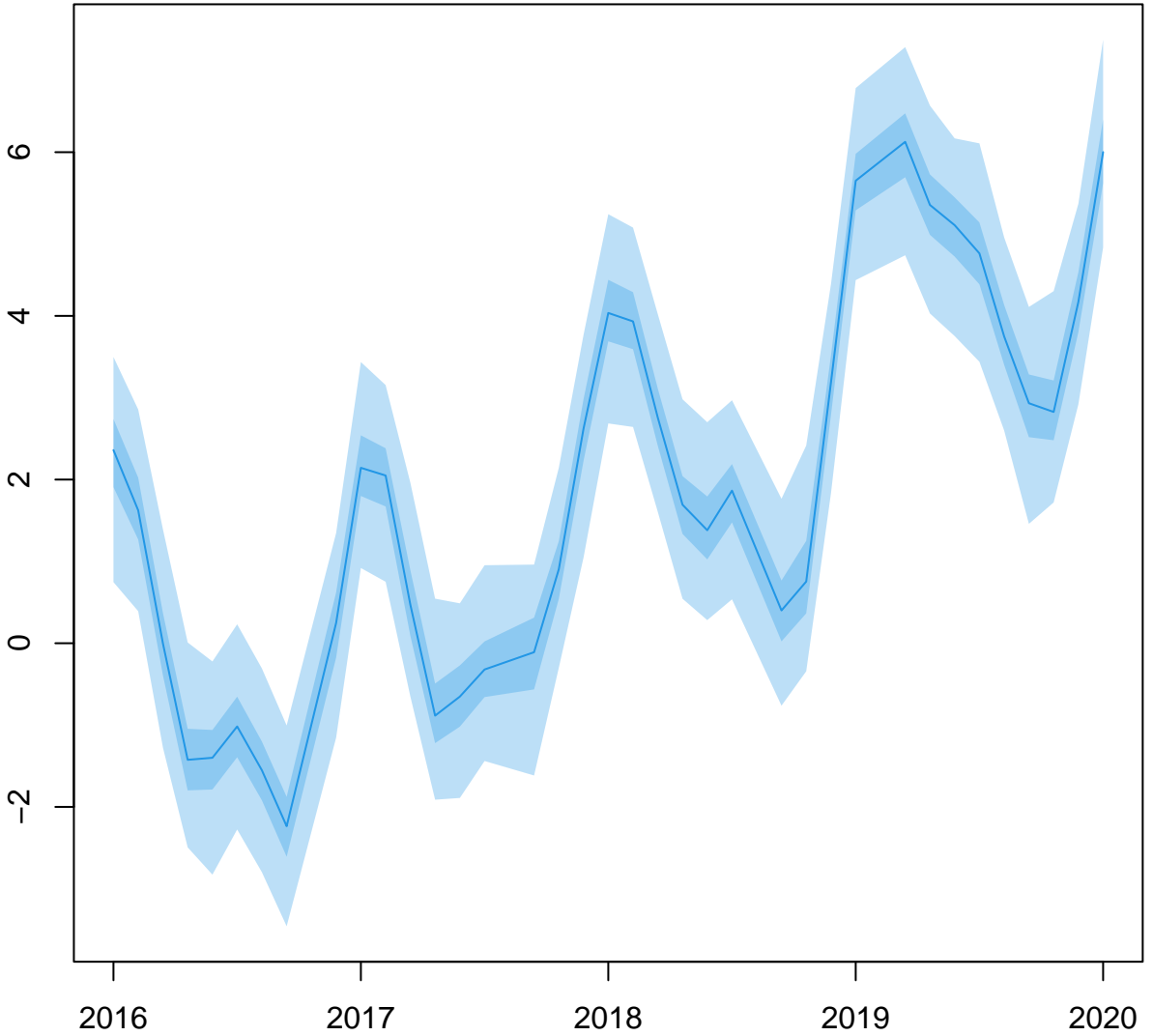




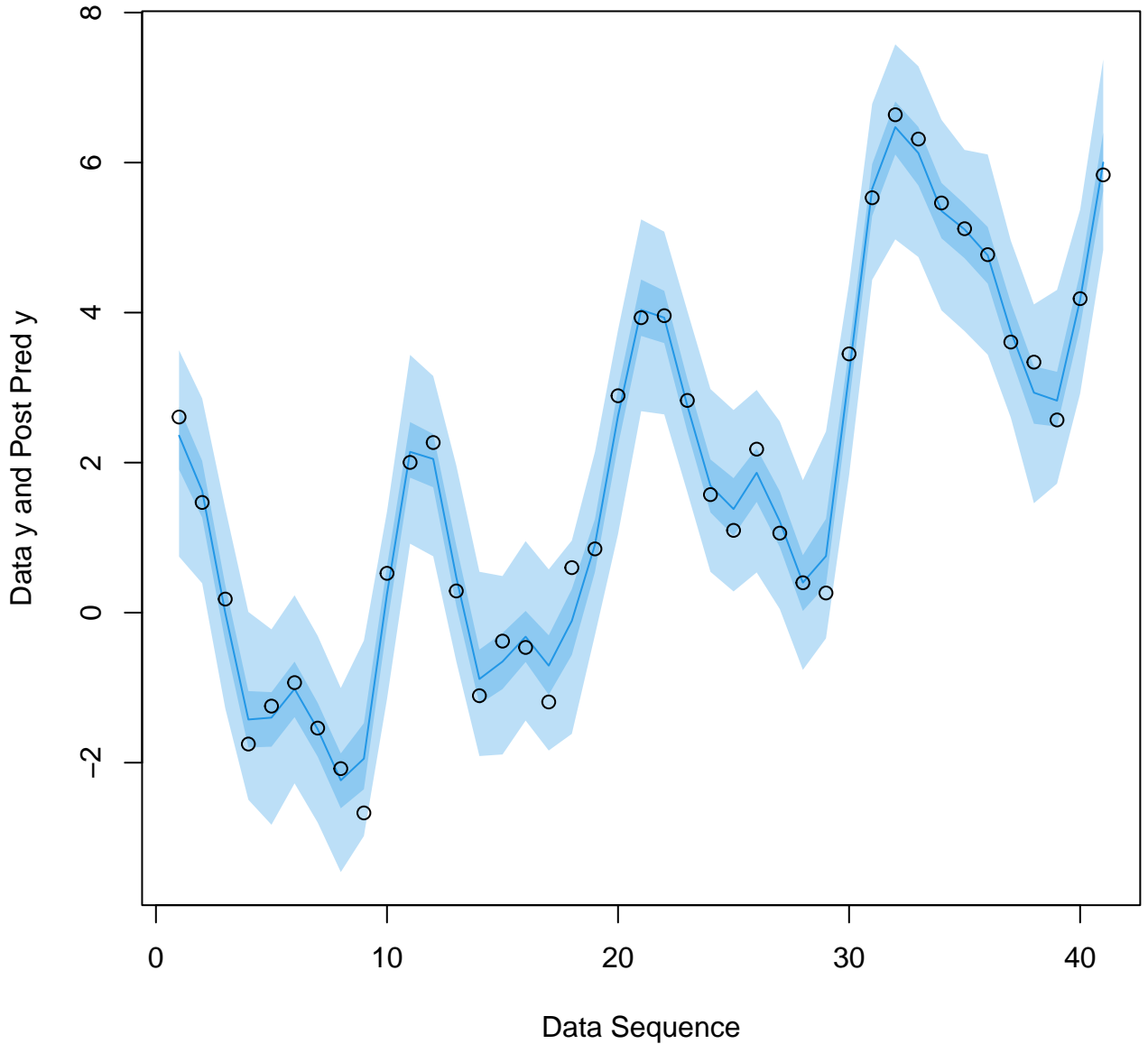




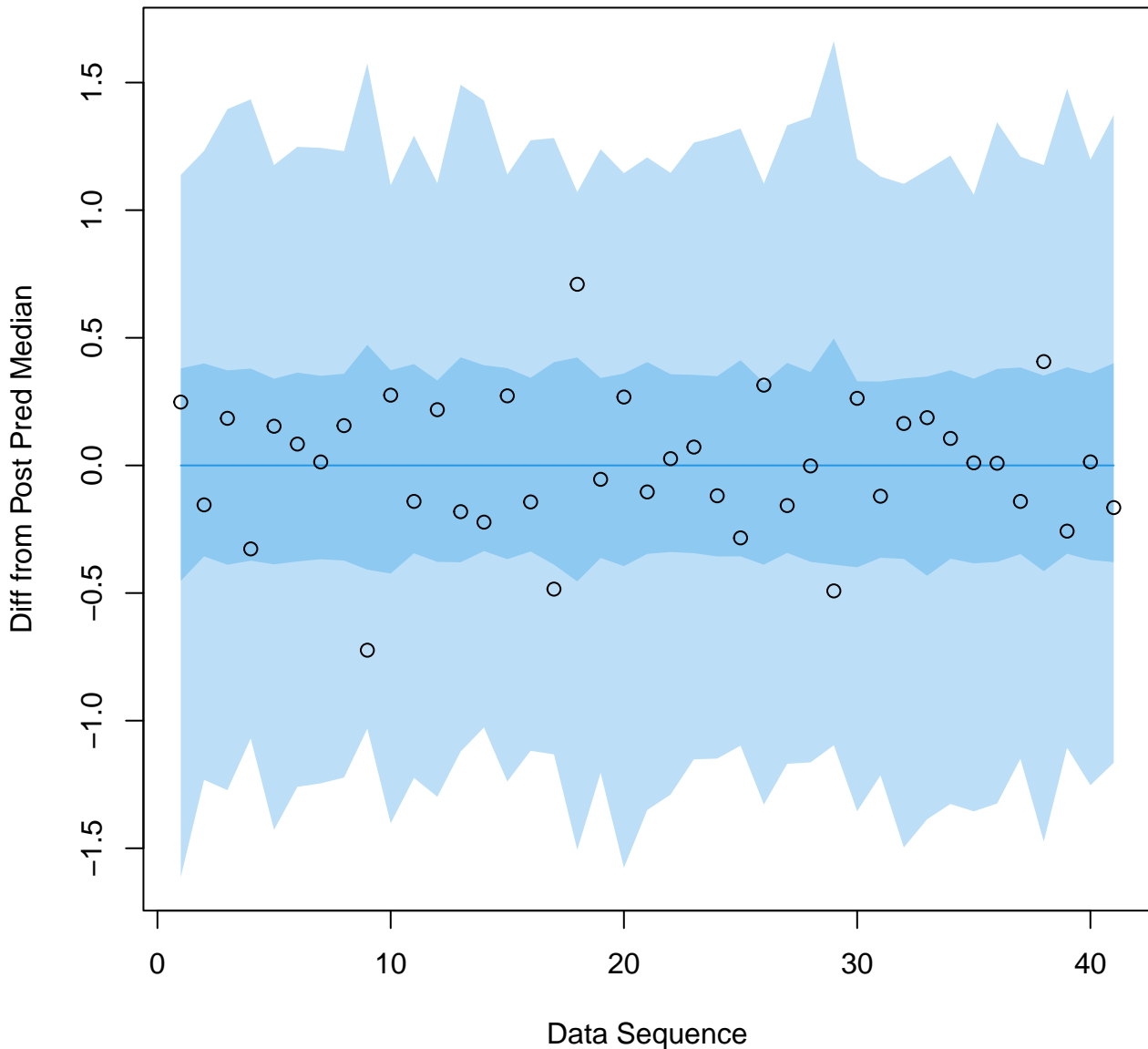


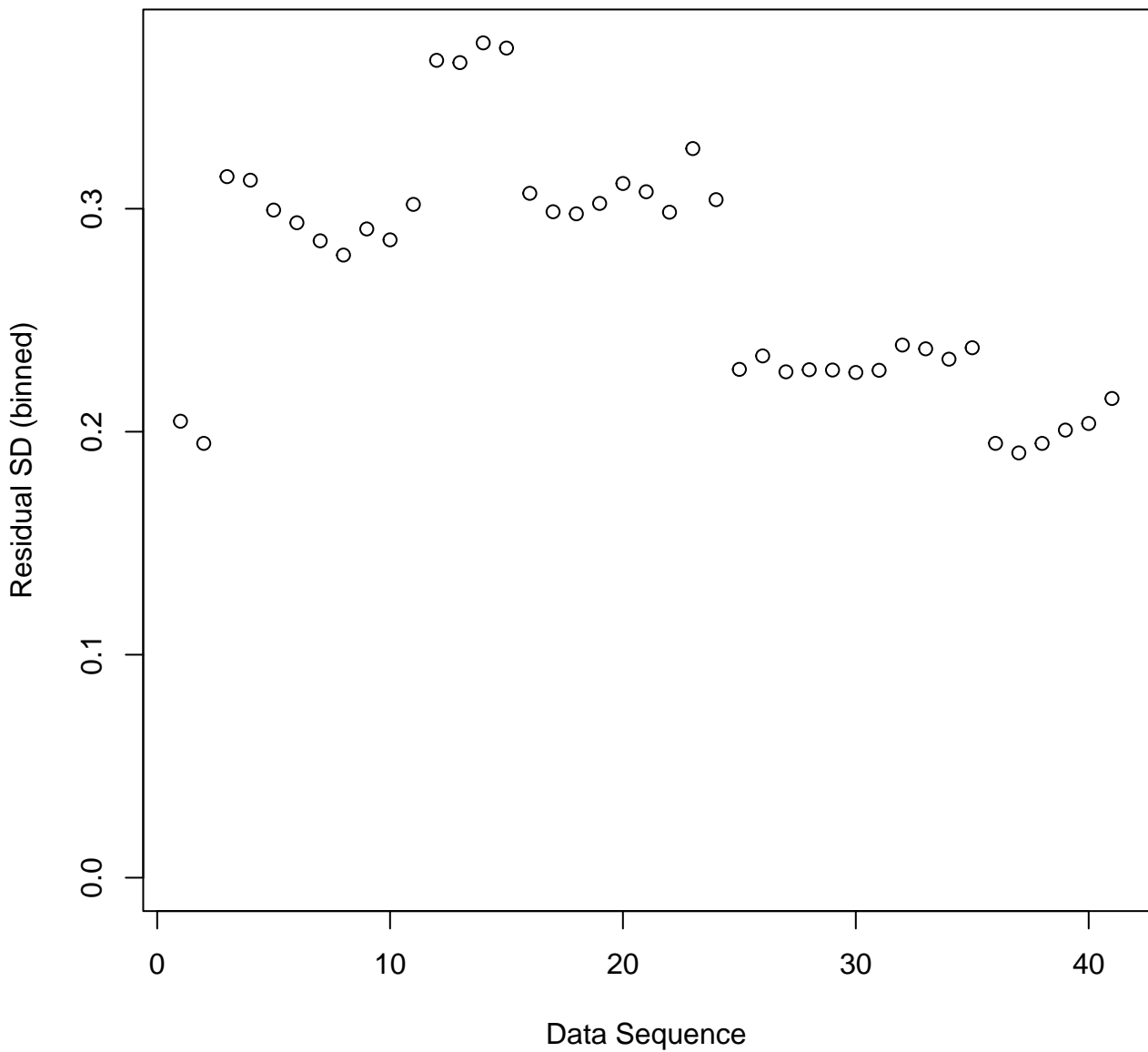


**Data y & Post Pred y
vs. Data Sequence**

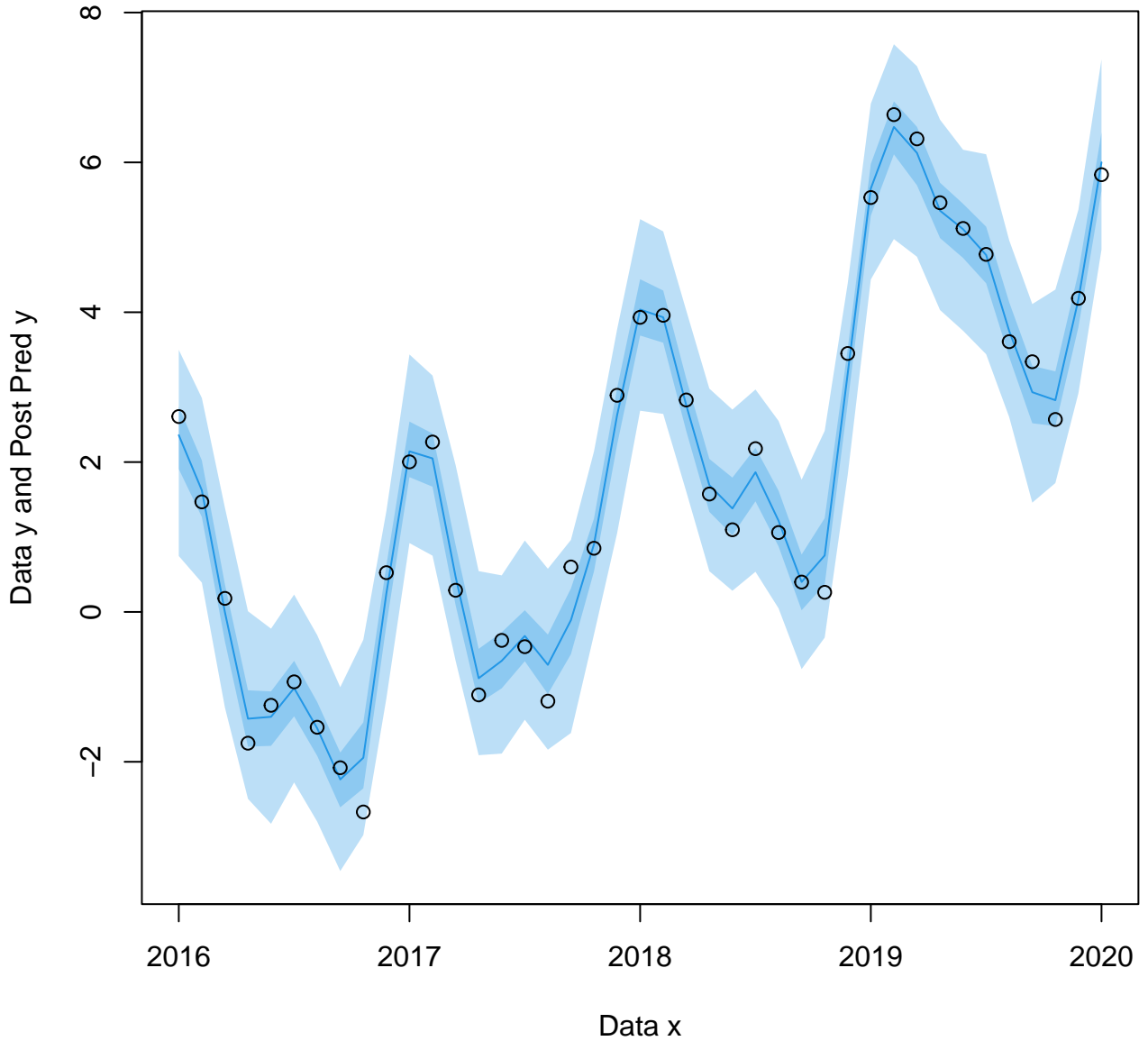


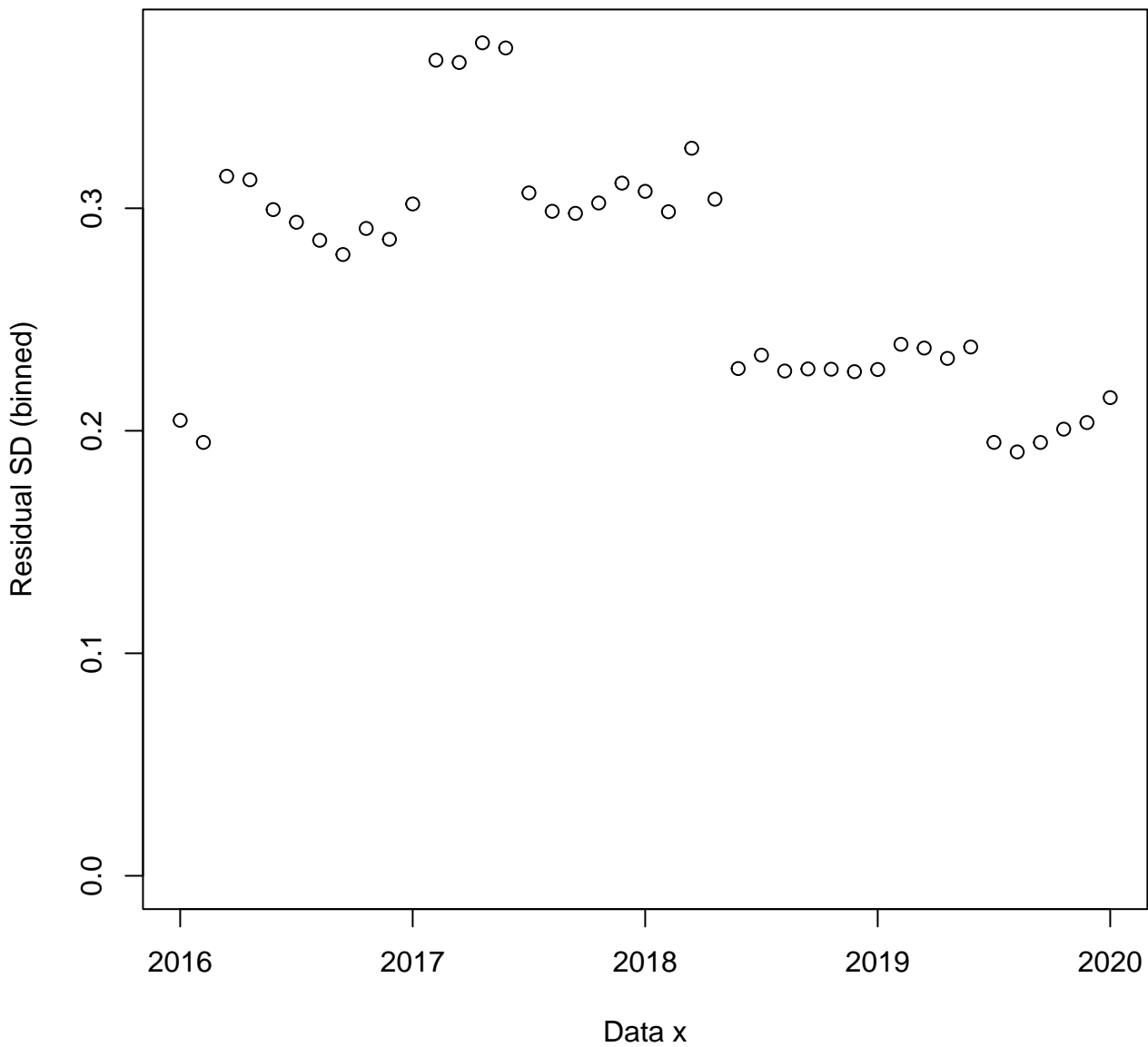
Residuals & PP Residual vs. Data Sequence



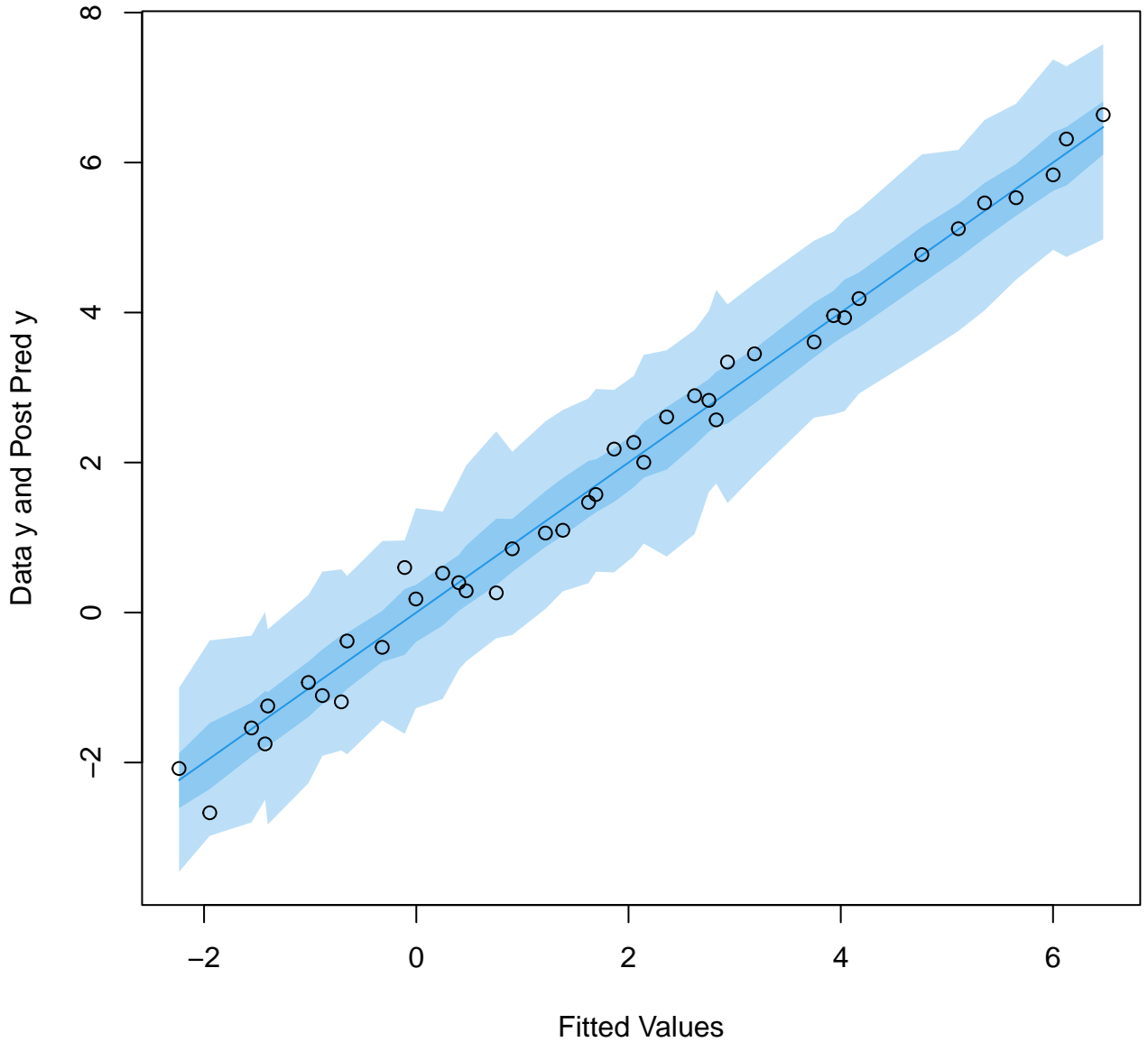


Data y & Post Pred y vs. Data x

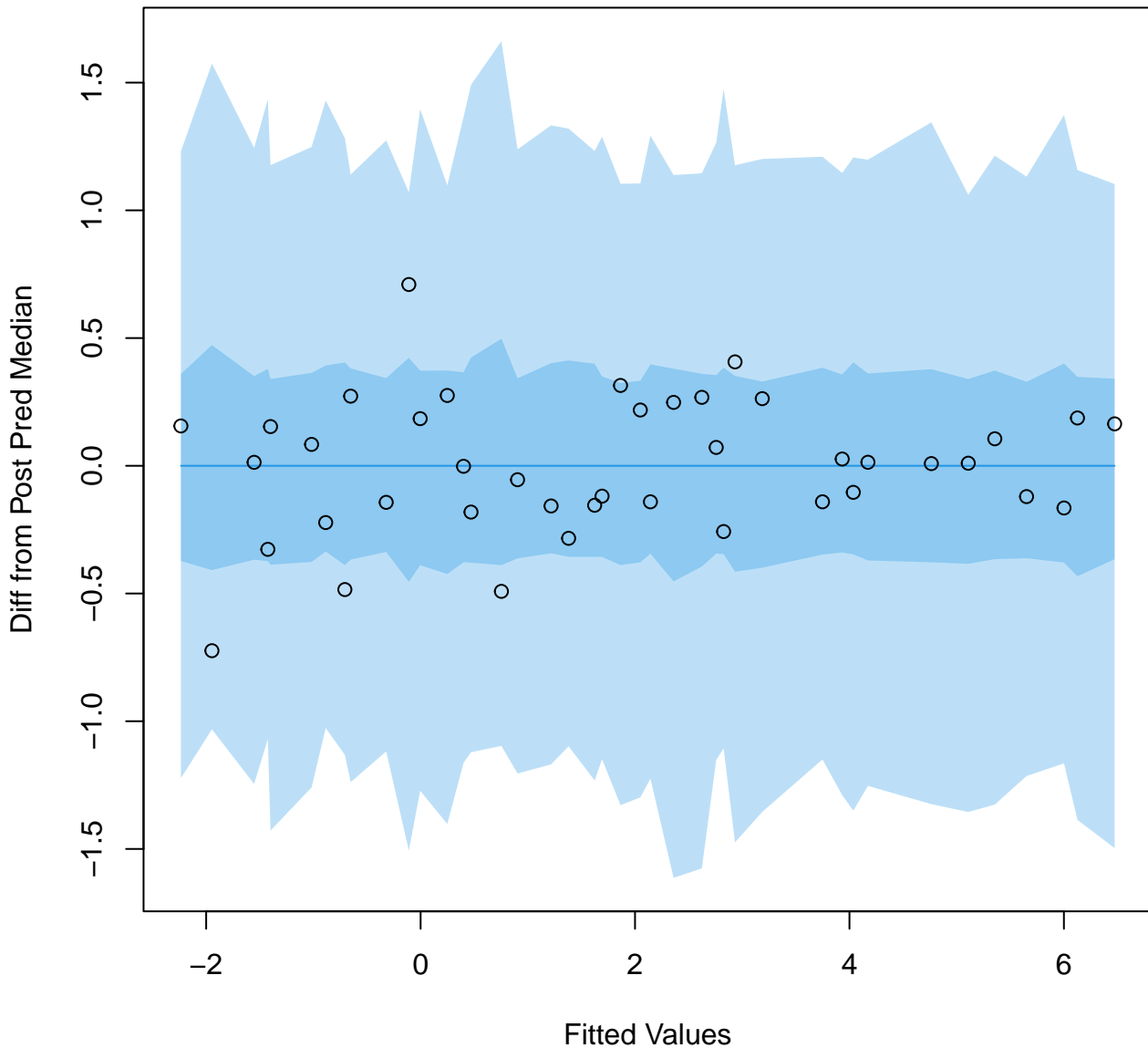


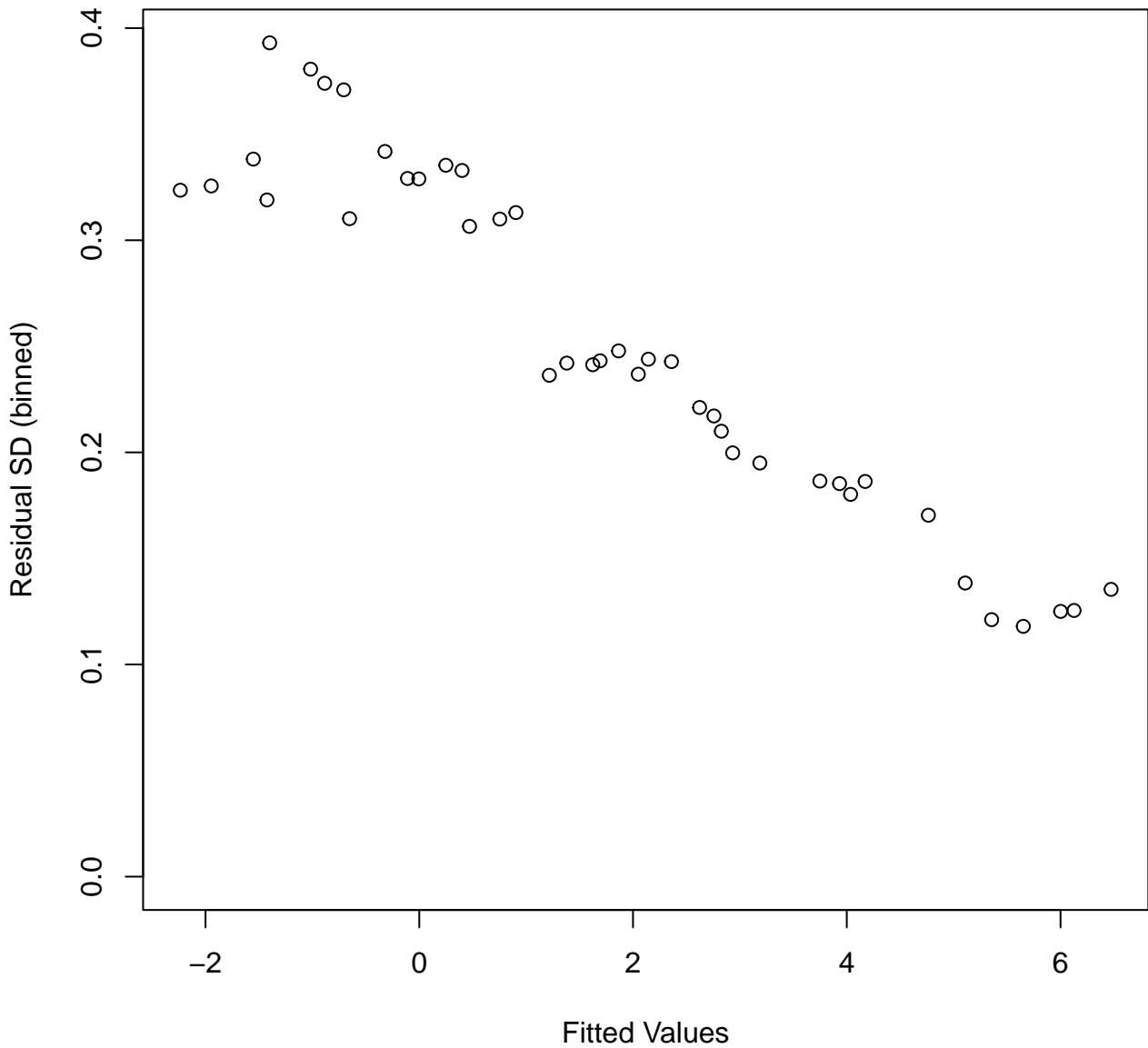


Data y & Post Pred y vs. Fitted Values

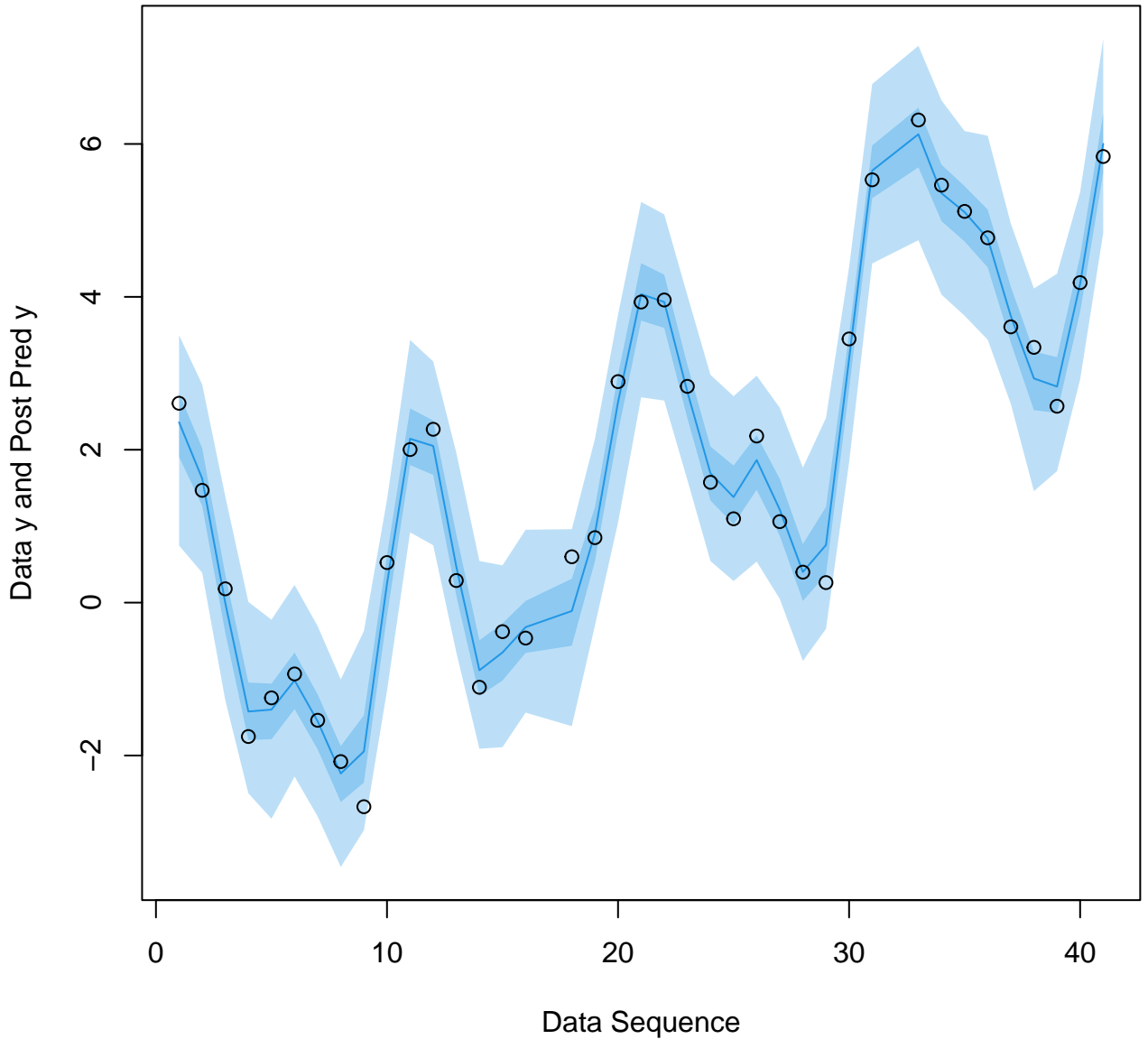


Residuals & PP Residual vs. Fitted Values

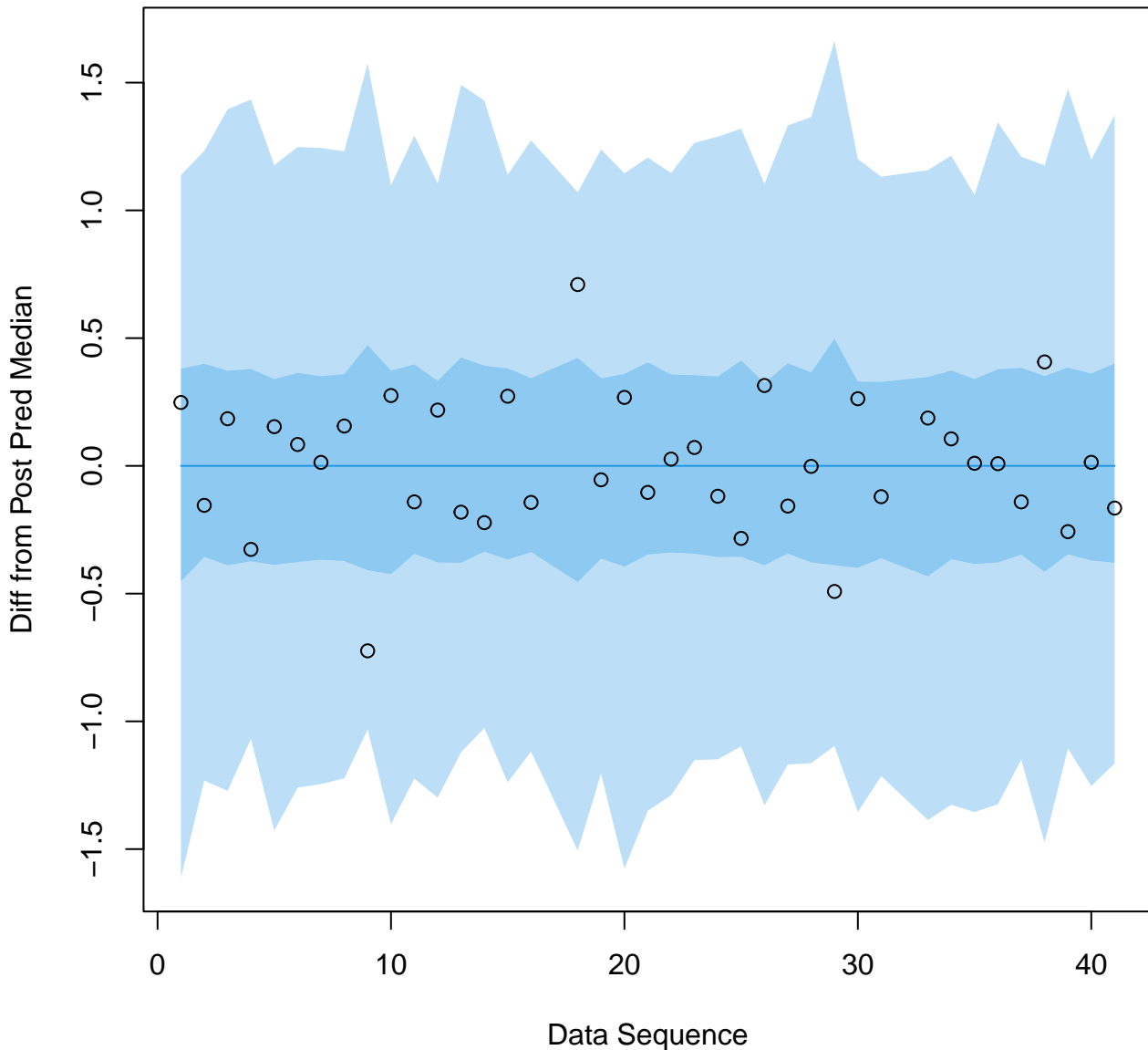


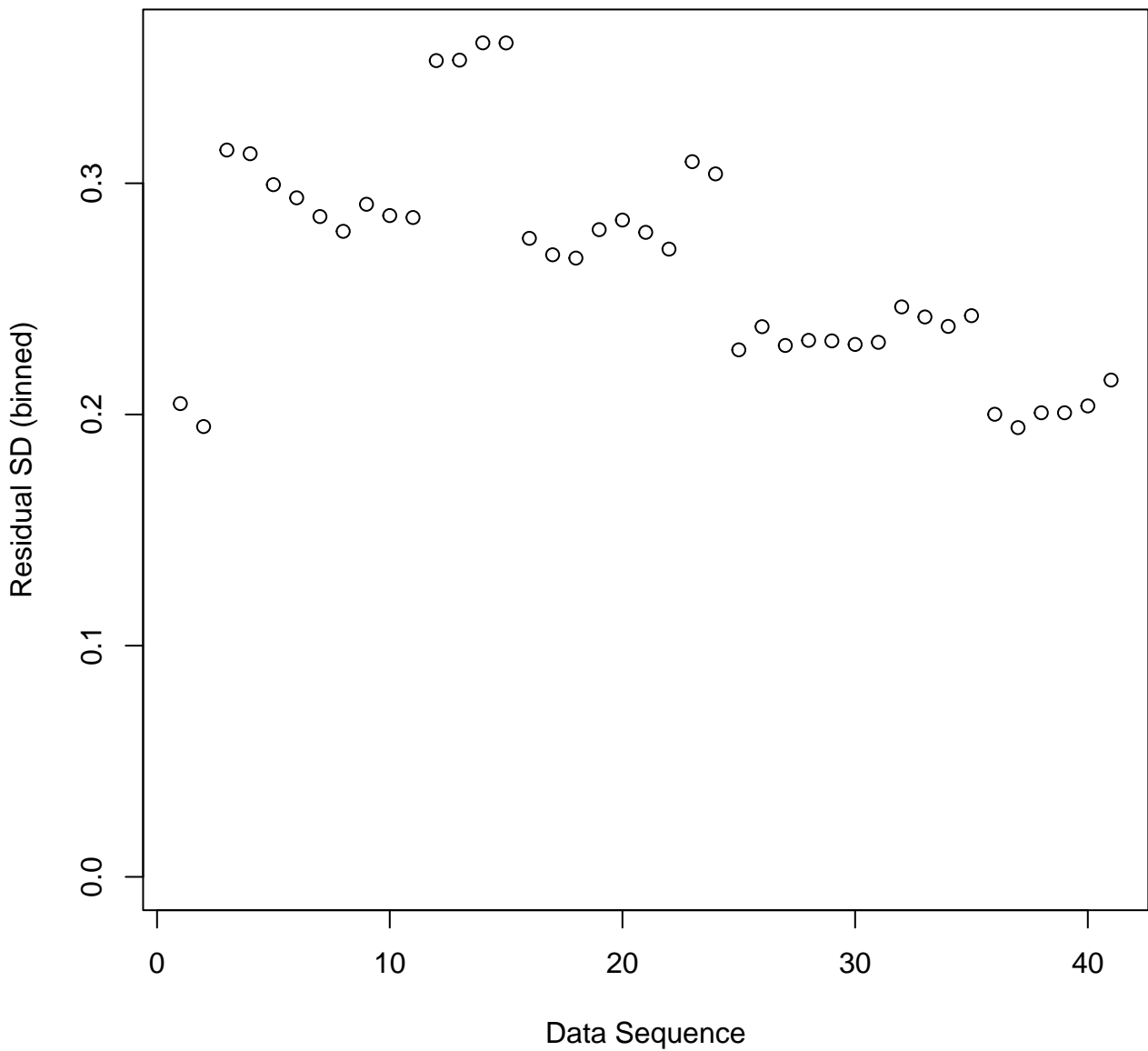


Data y & Post Pred y vs. Data Sequence

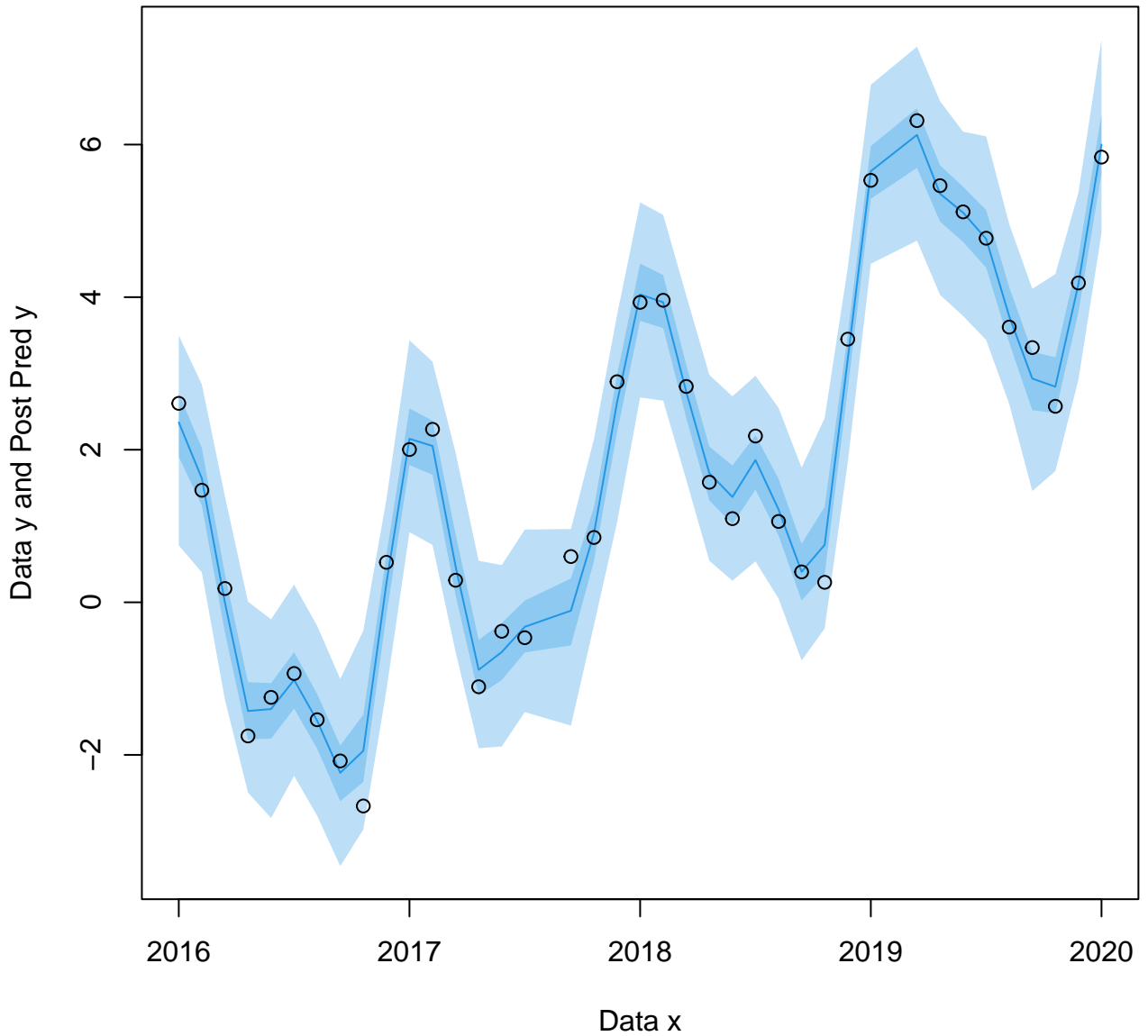


Residuals & PP Residual vs. Data Sequence

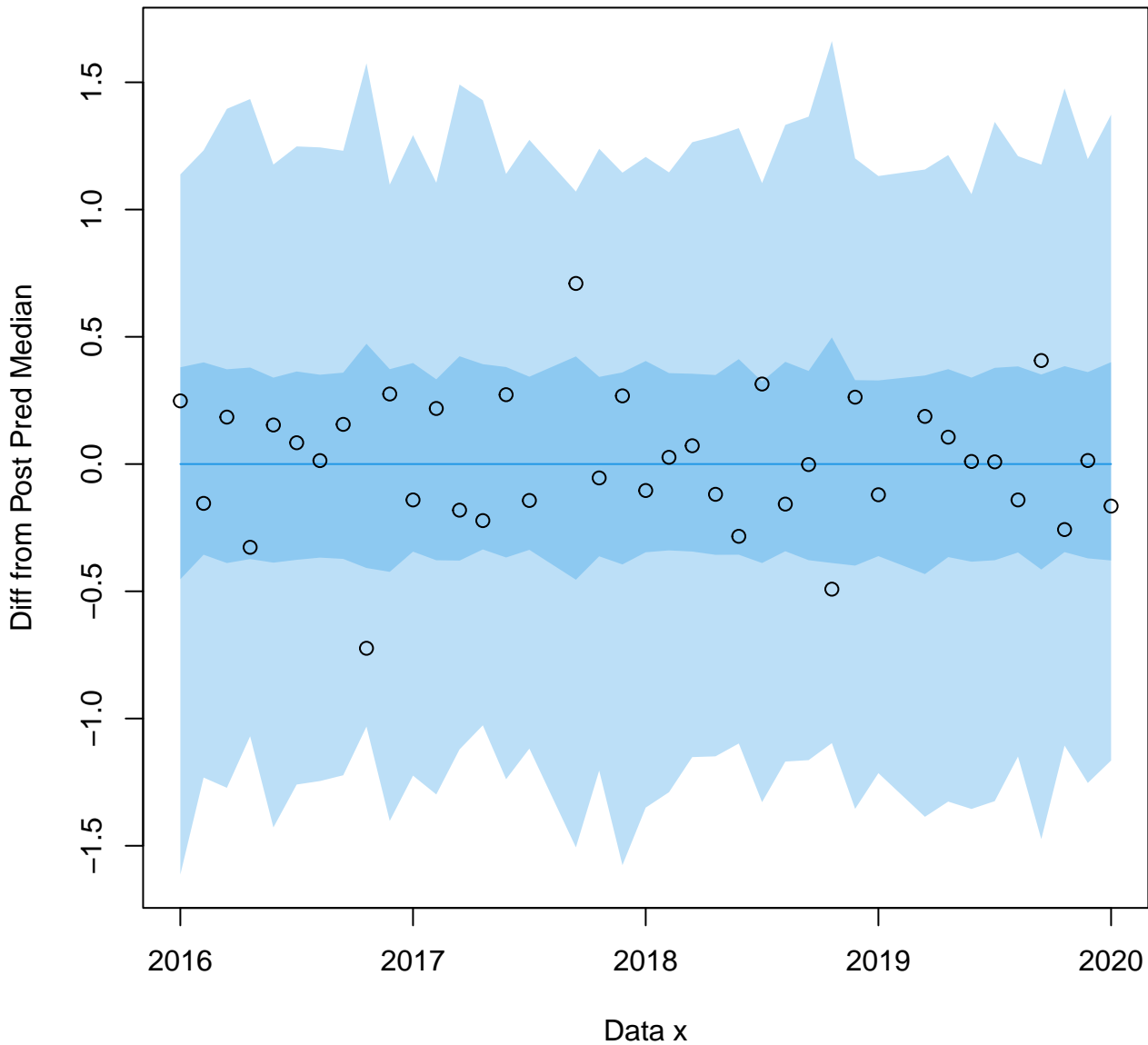


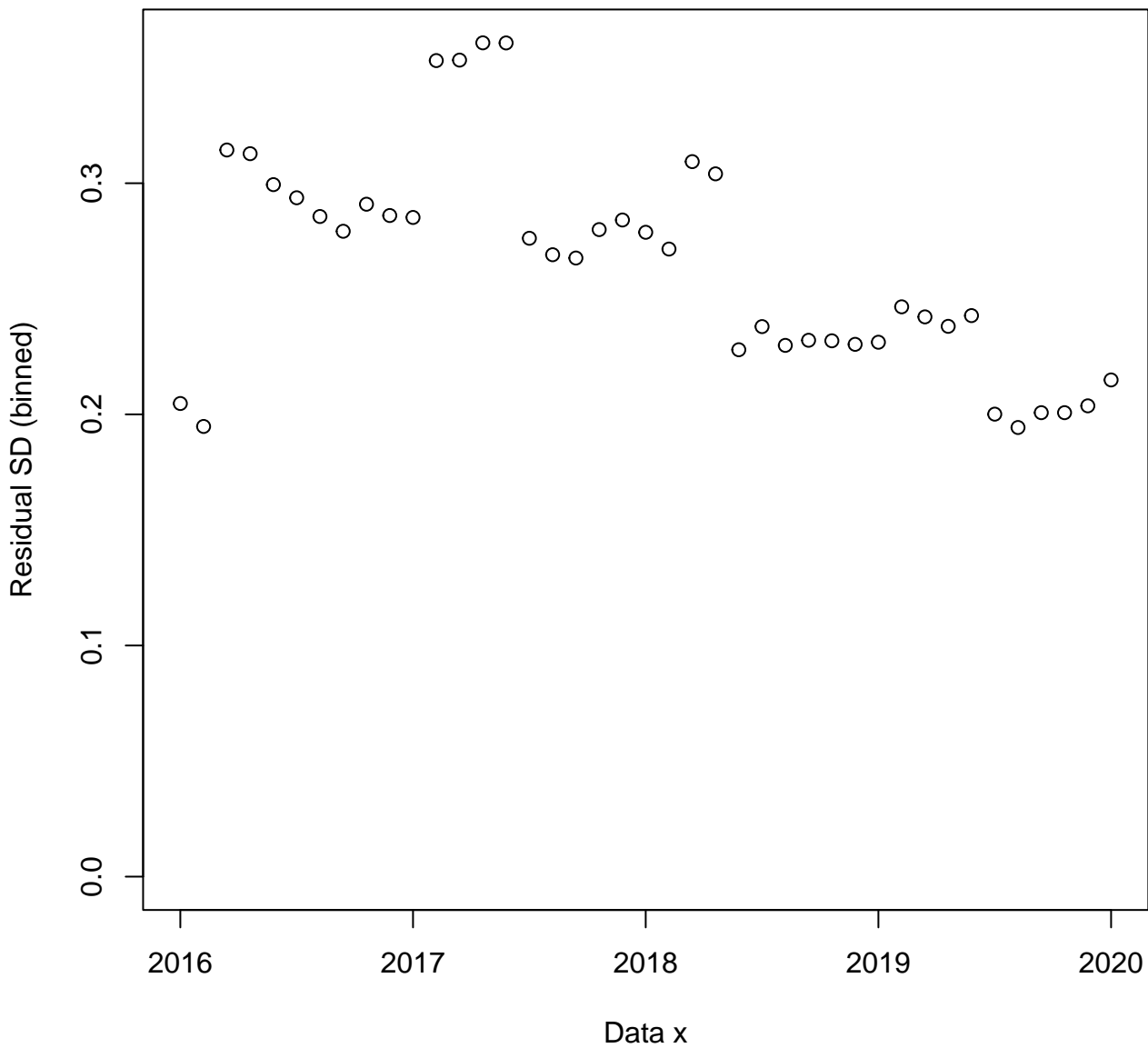


Data y & Post Pred y vs. Data x

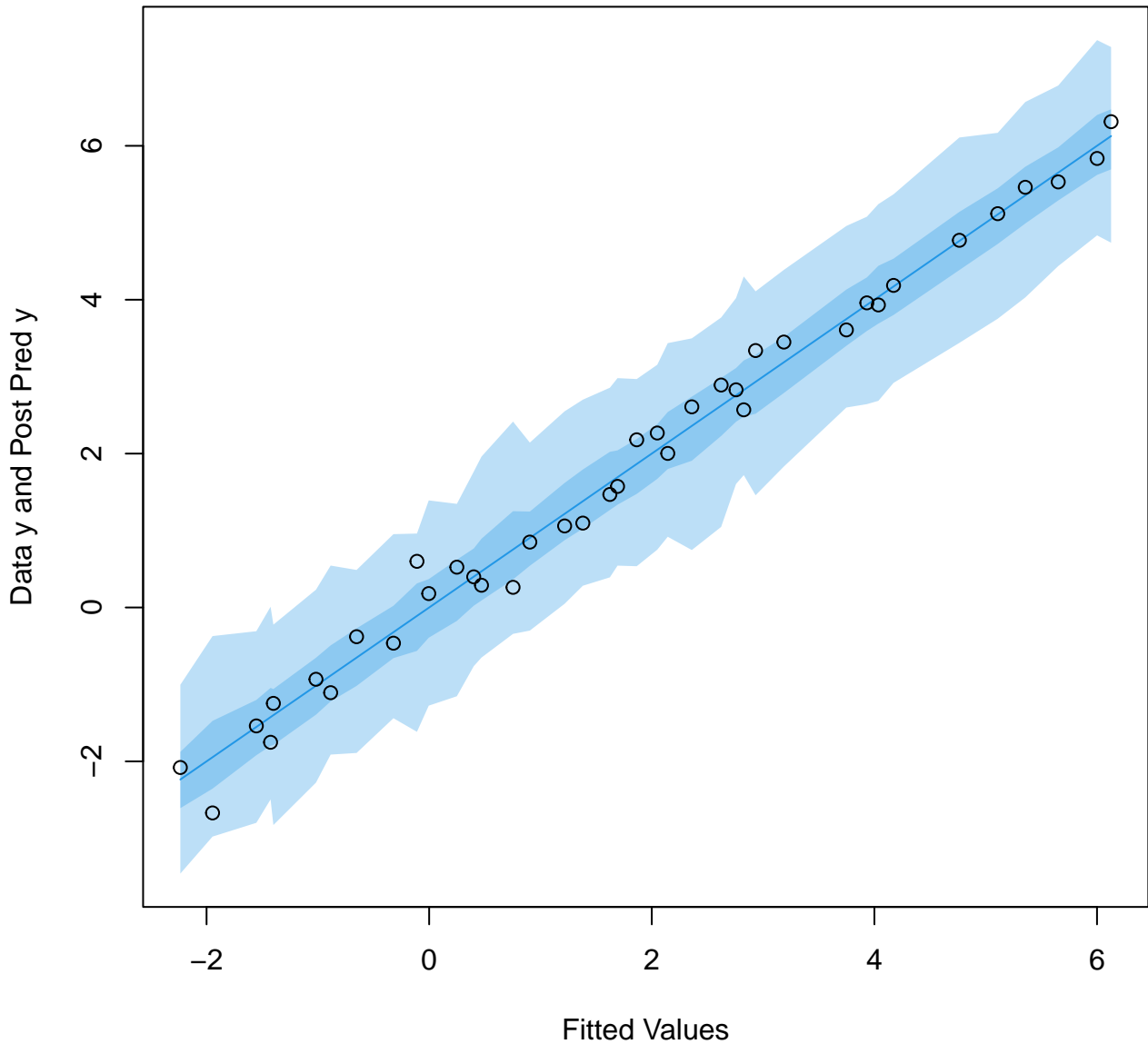


Residuals & PP Residual vs. Data x

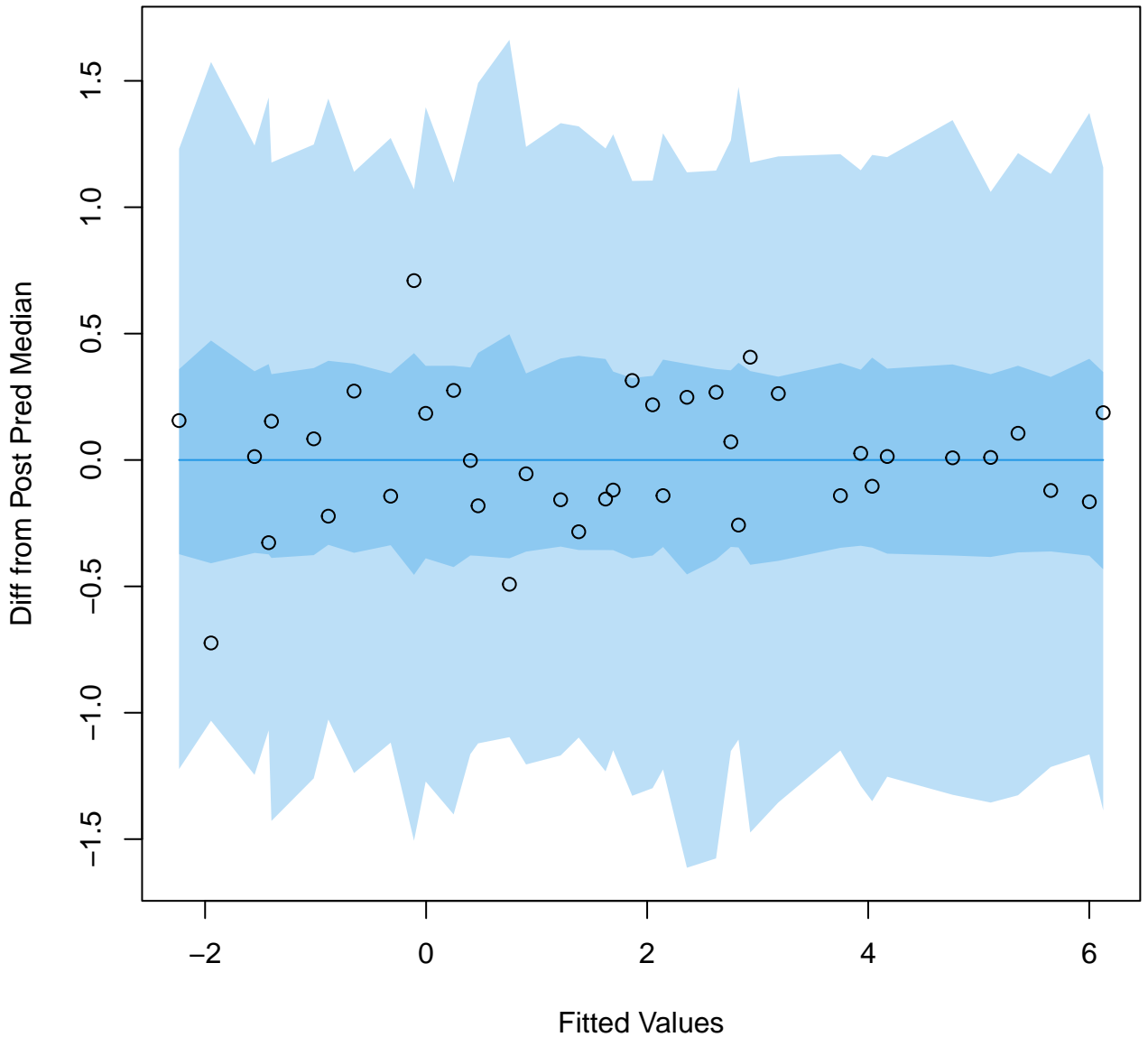


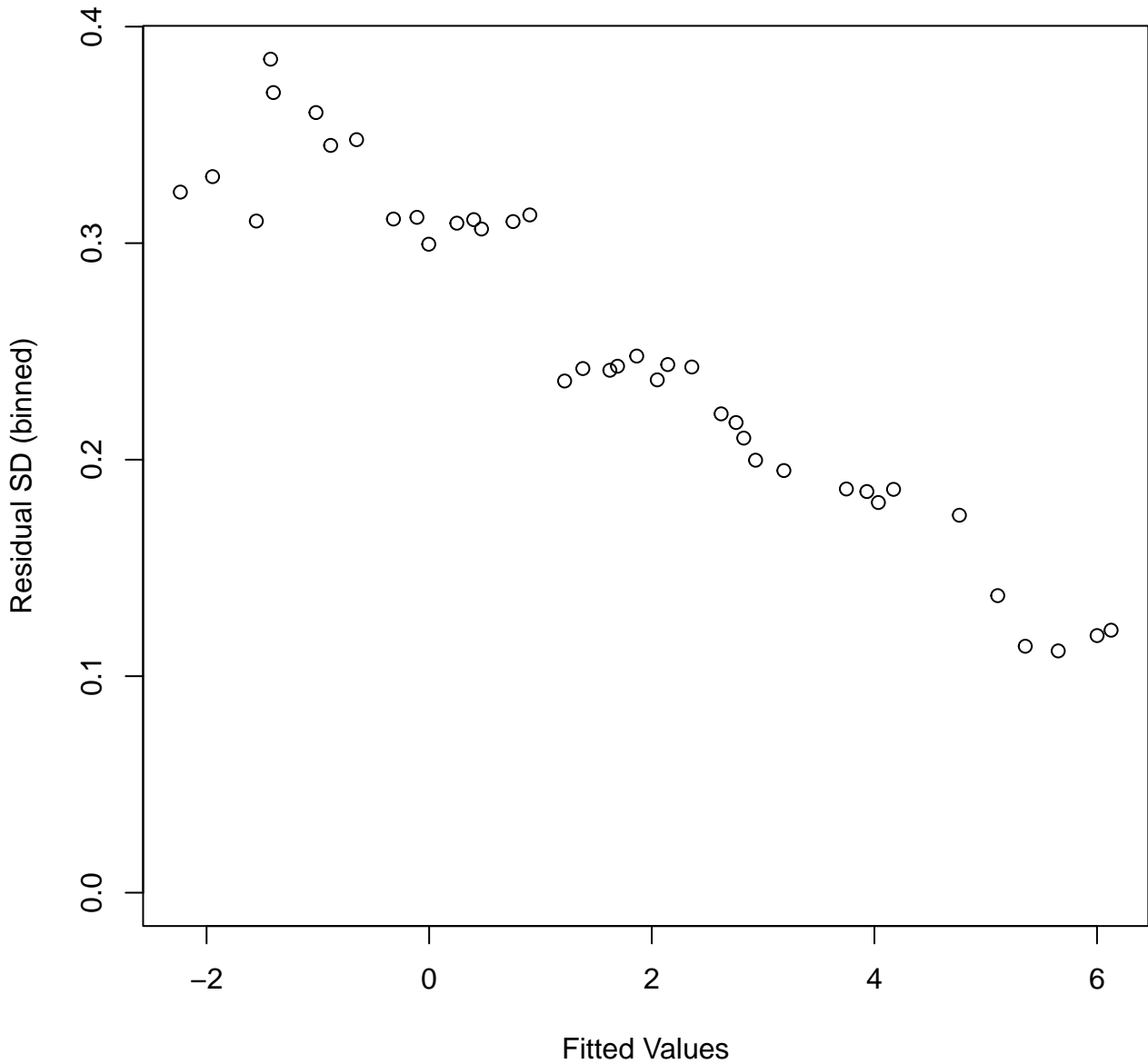


Data y & Post Pred y vs. Fitted Values

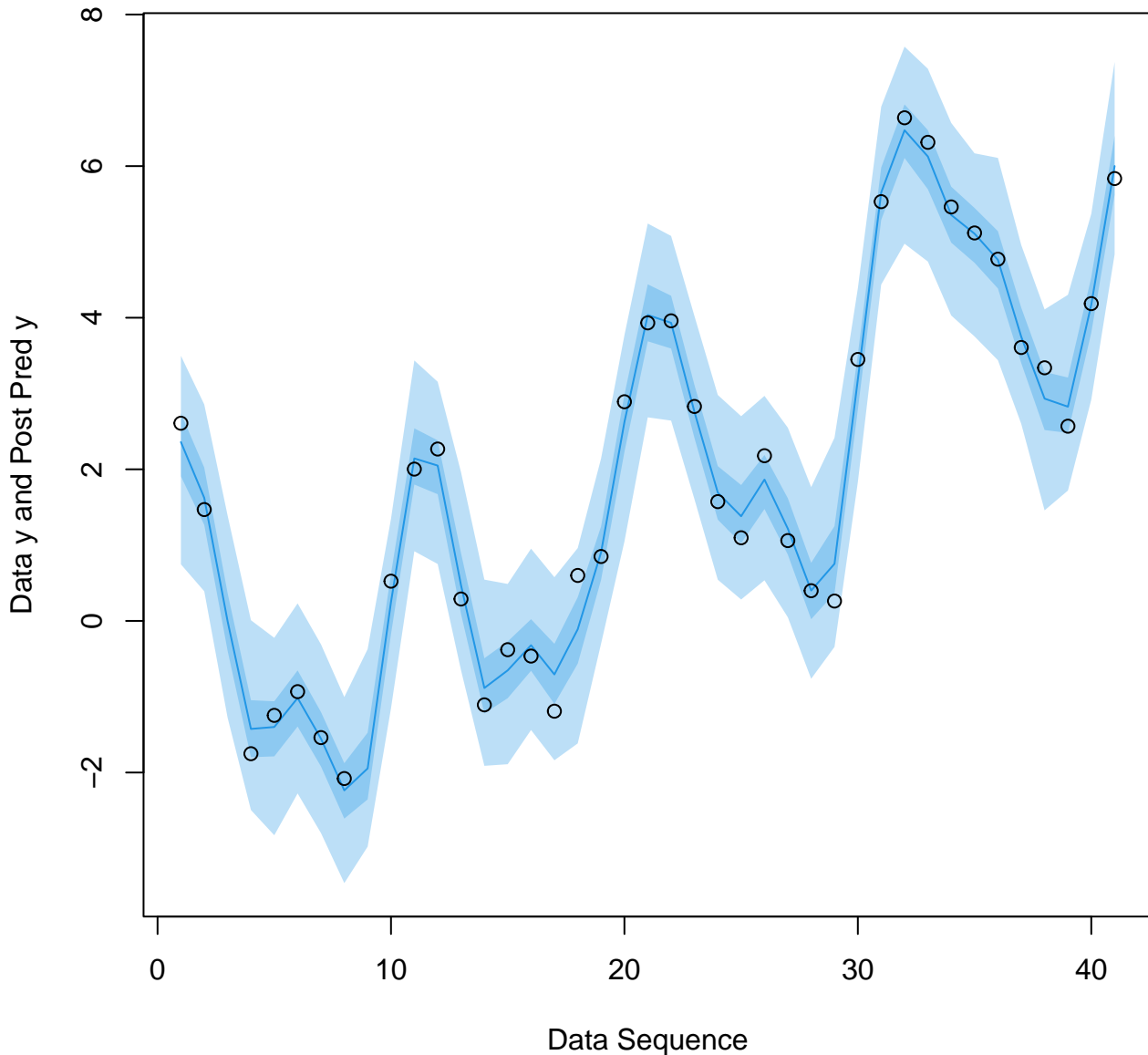


Residuals & PP Residual vs. Fitted Values

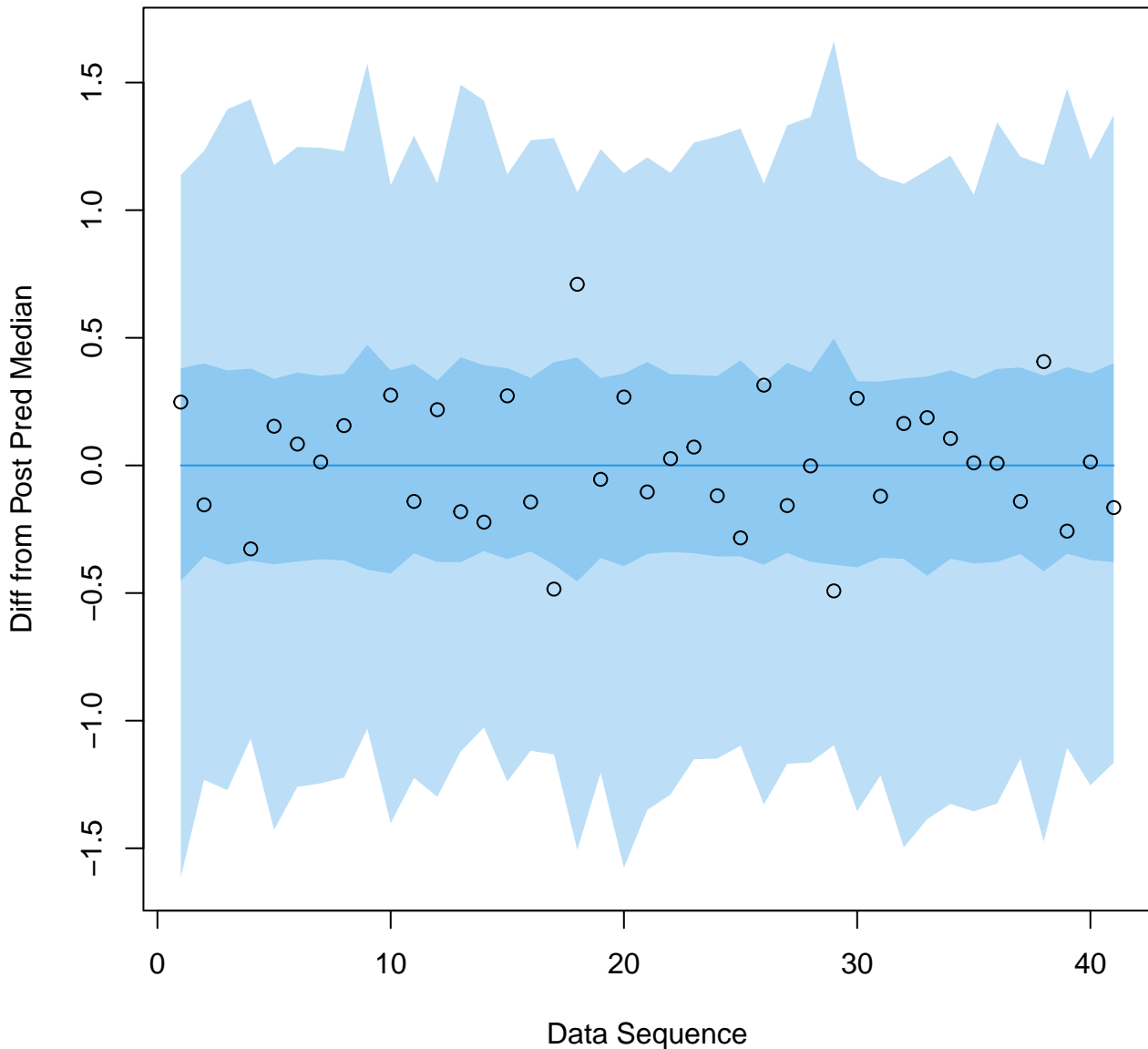


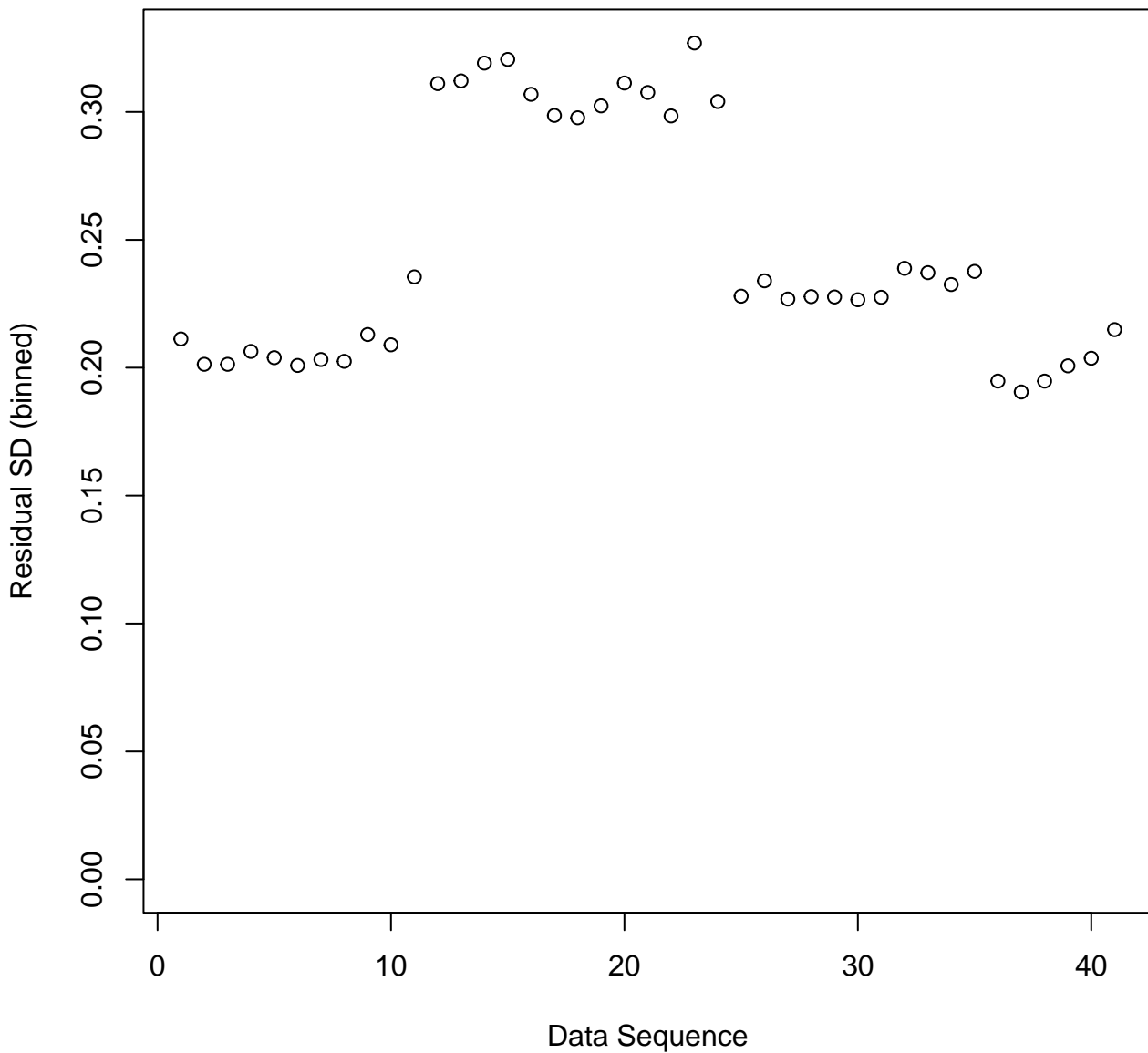


**Data y & Post Pred y
vs. Data Sequence**

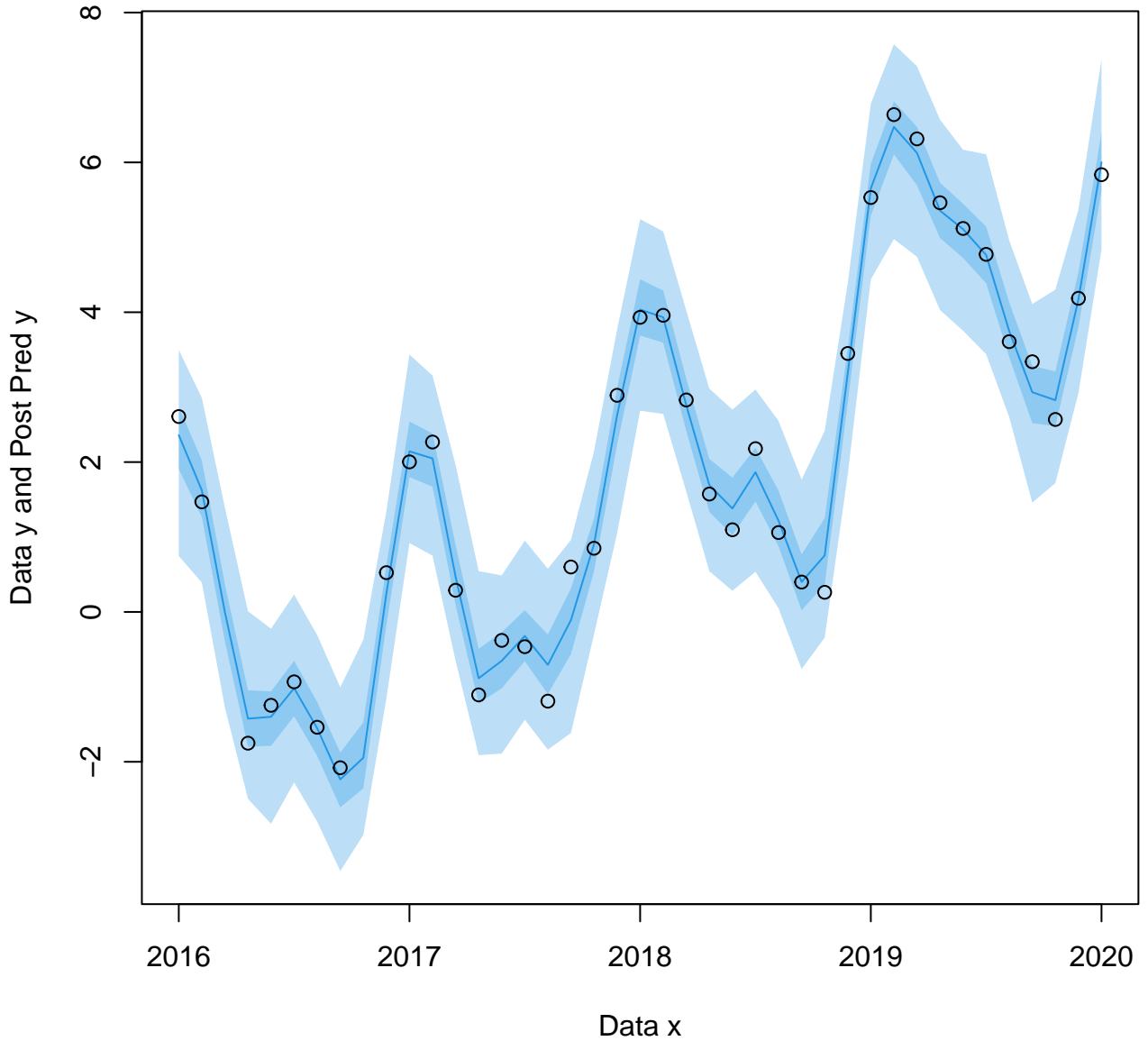


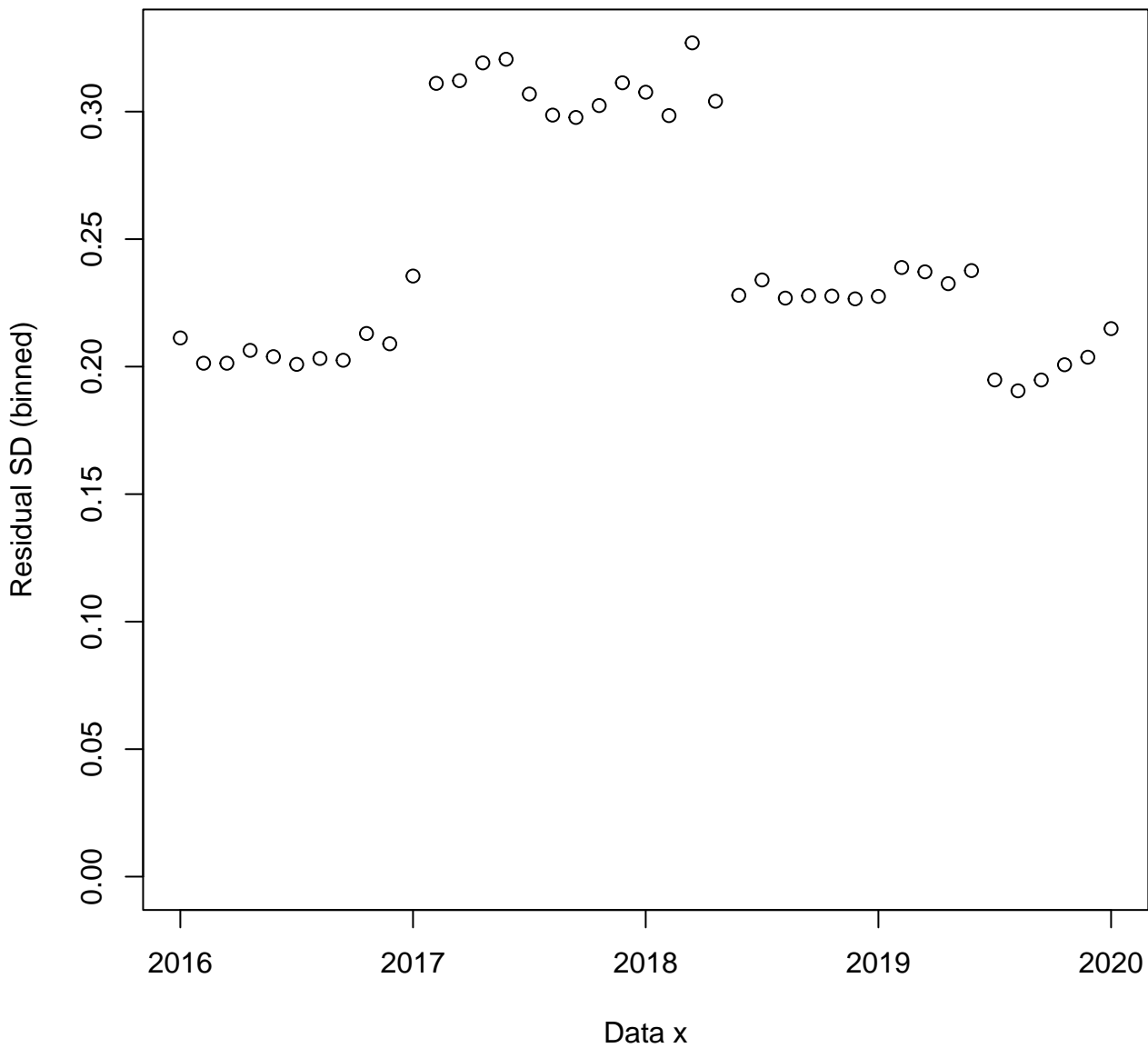
Residuals & PP Residual vs. Data Sequence



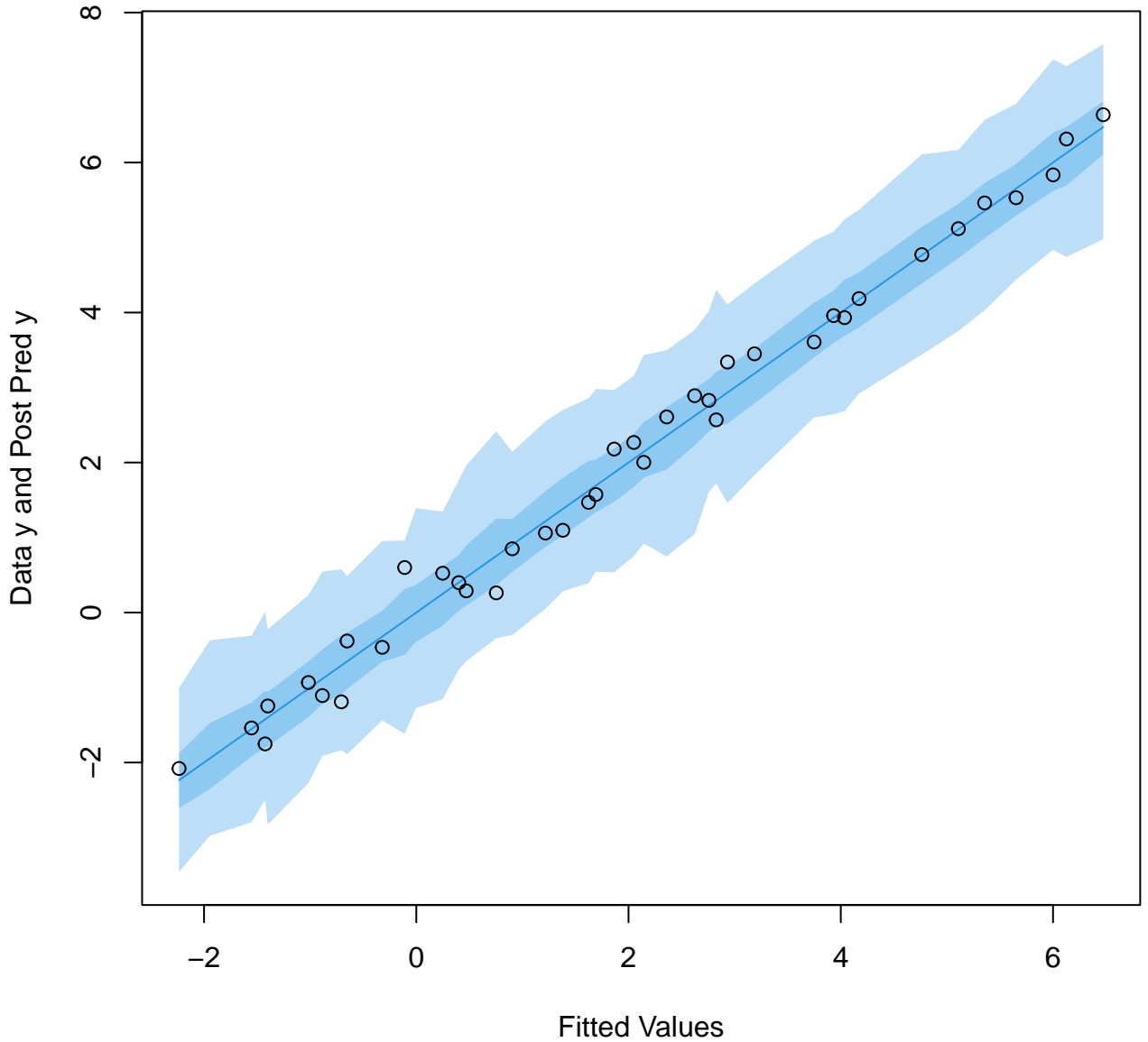


Data y & Post Pred y vs. Data x

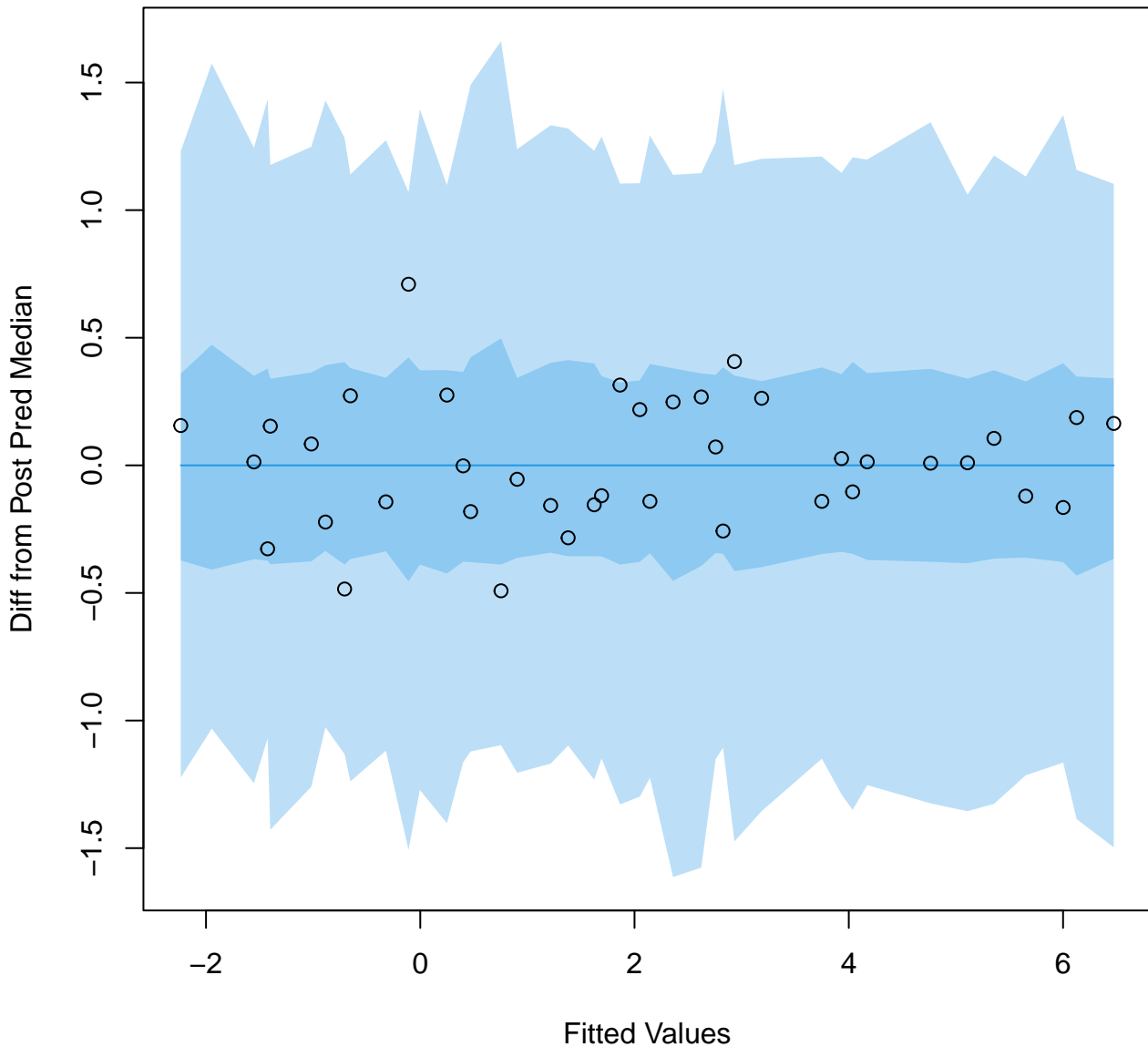


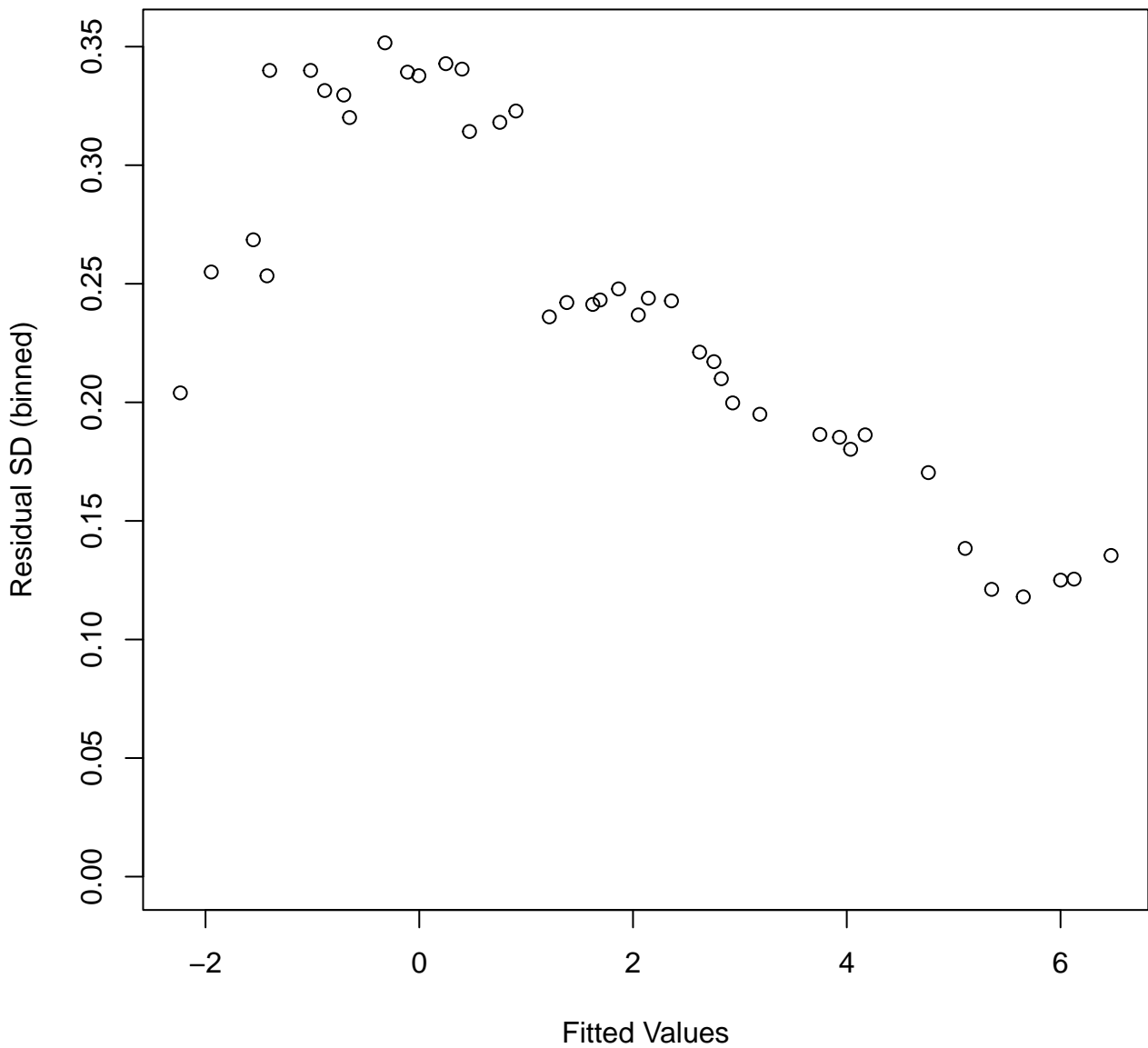


Data y & Post Pred y vs. Fitted Values

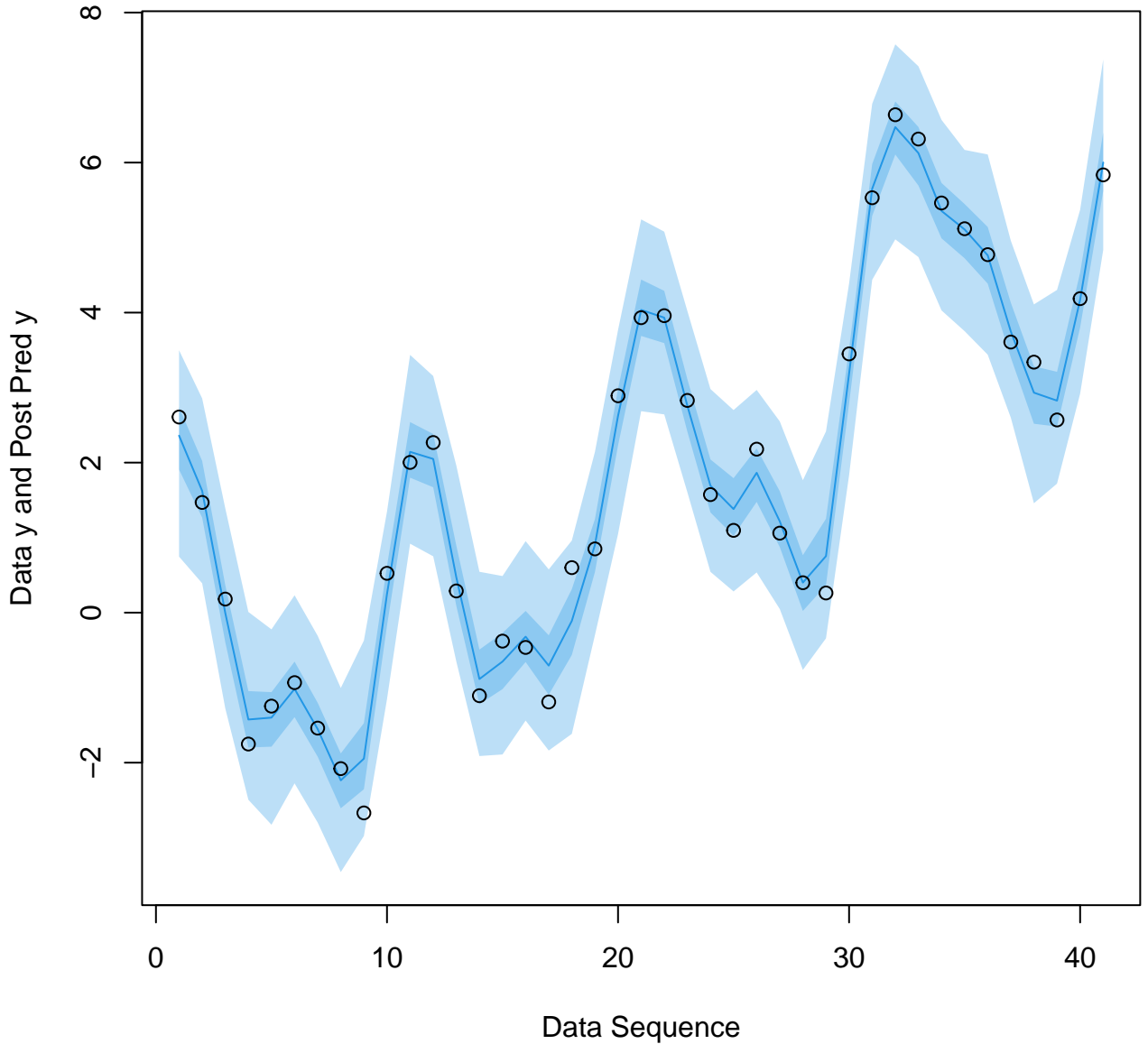


Residuals & PP Residual vs. Fitted Values

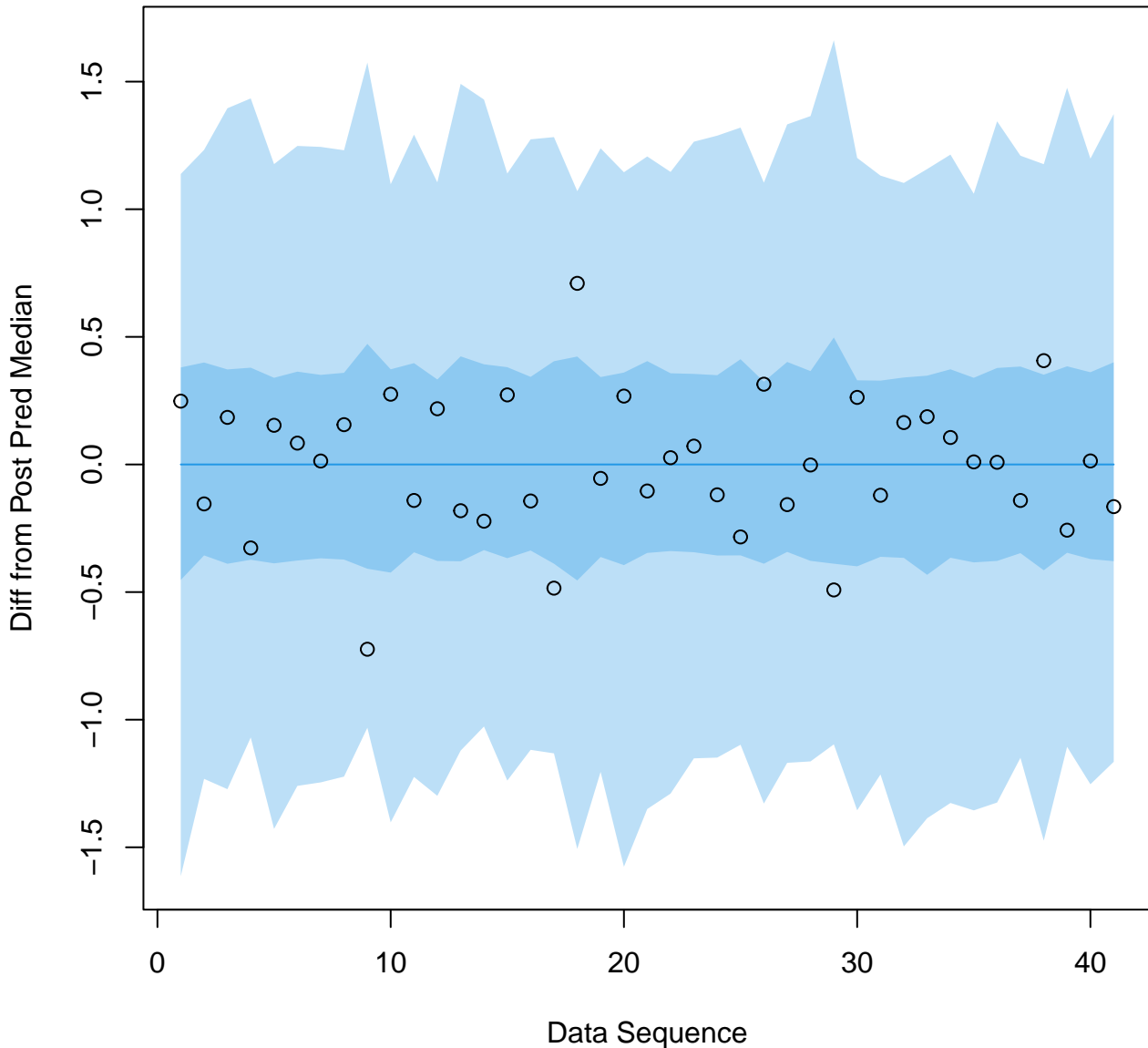


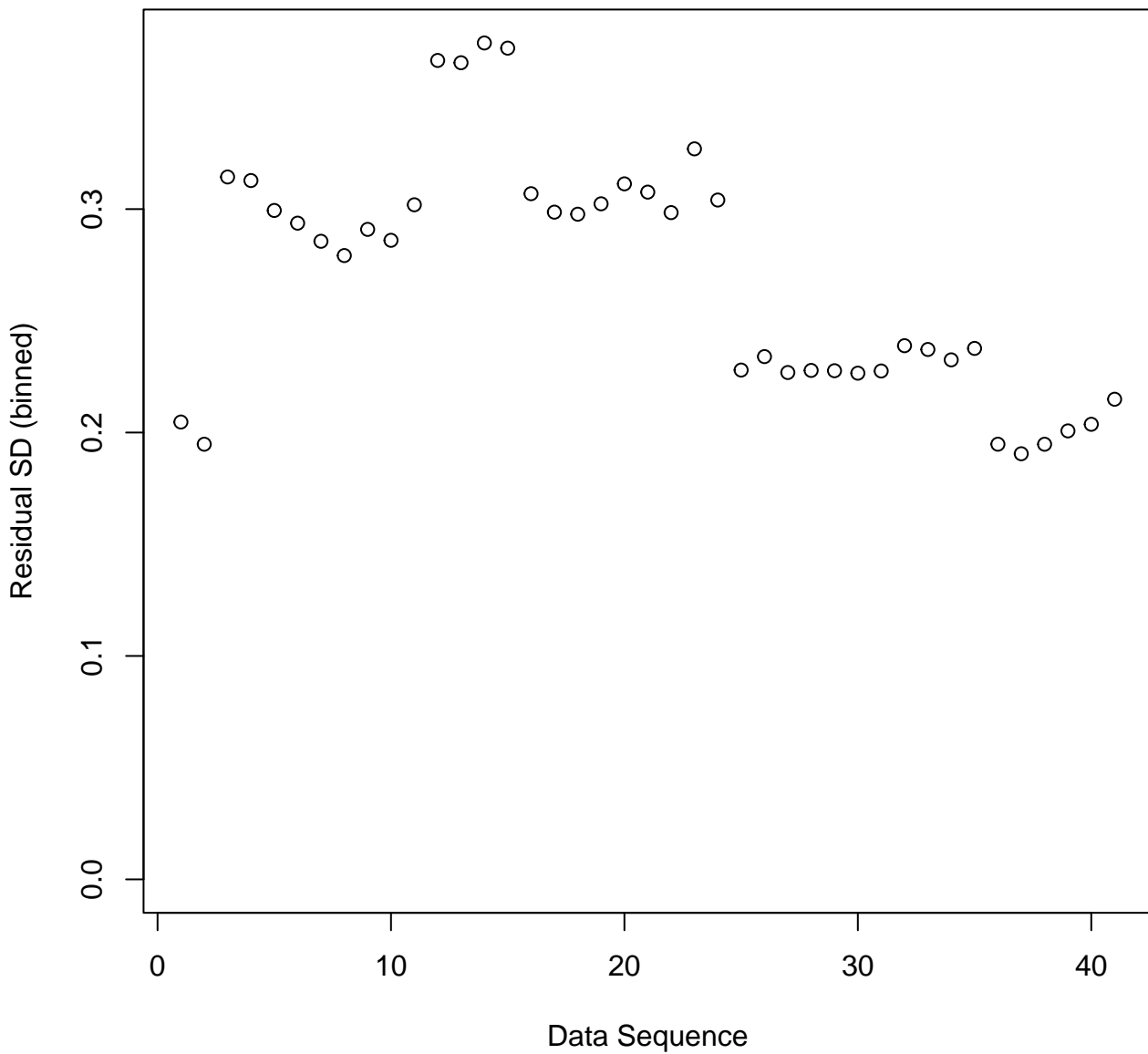


**Data y & Post Pred y
vs. Data Sequence**

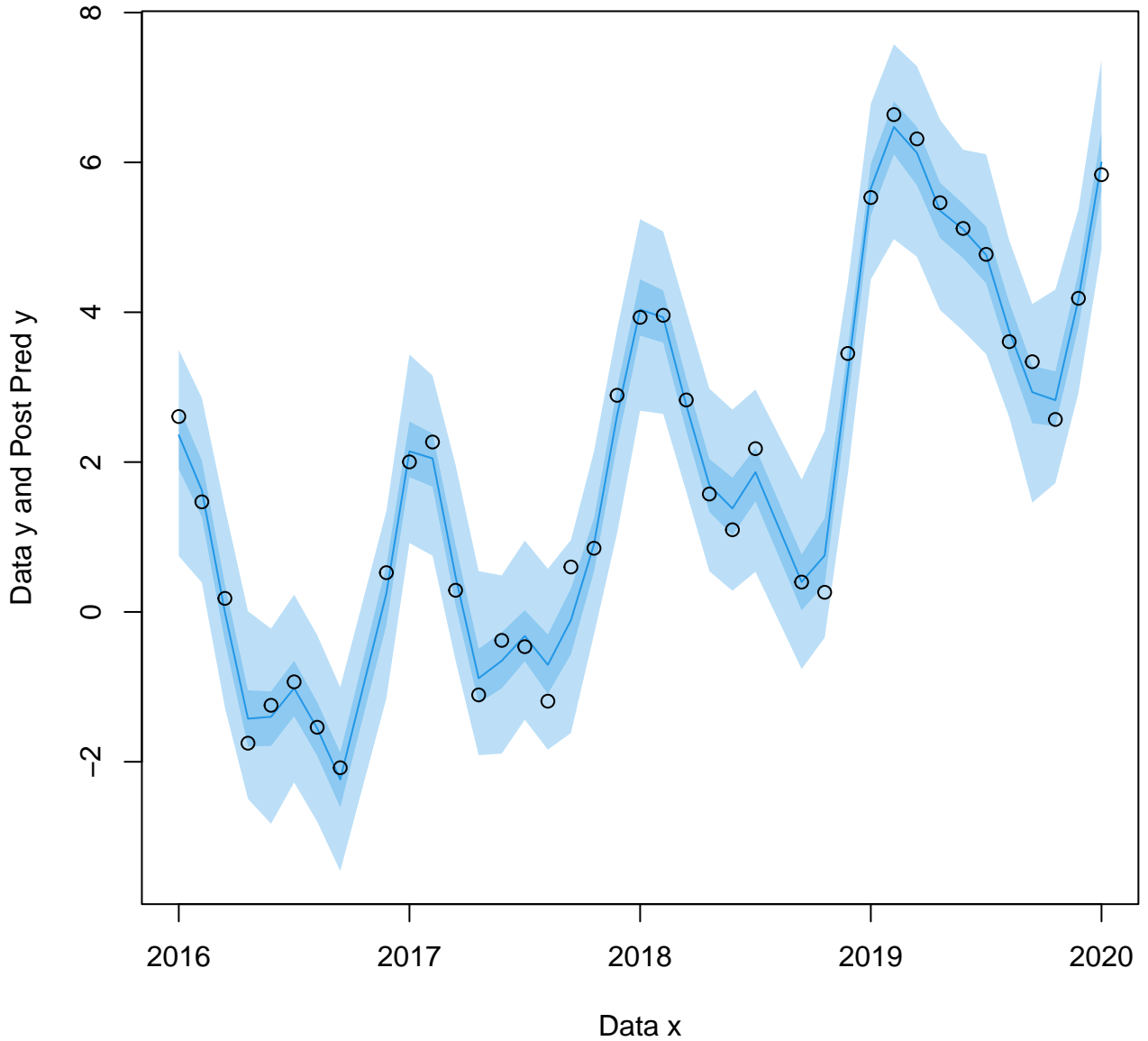


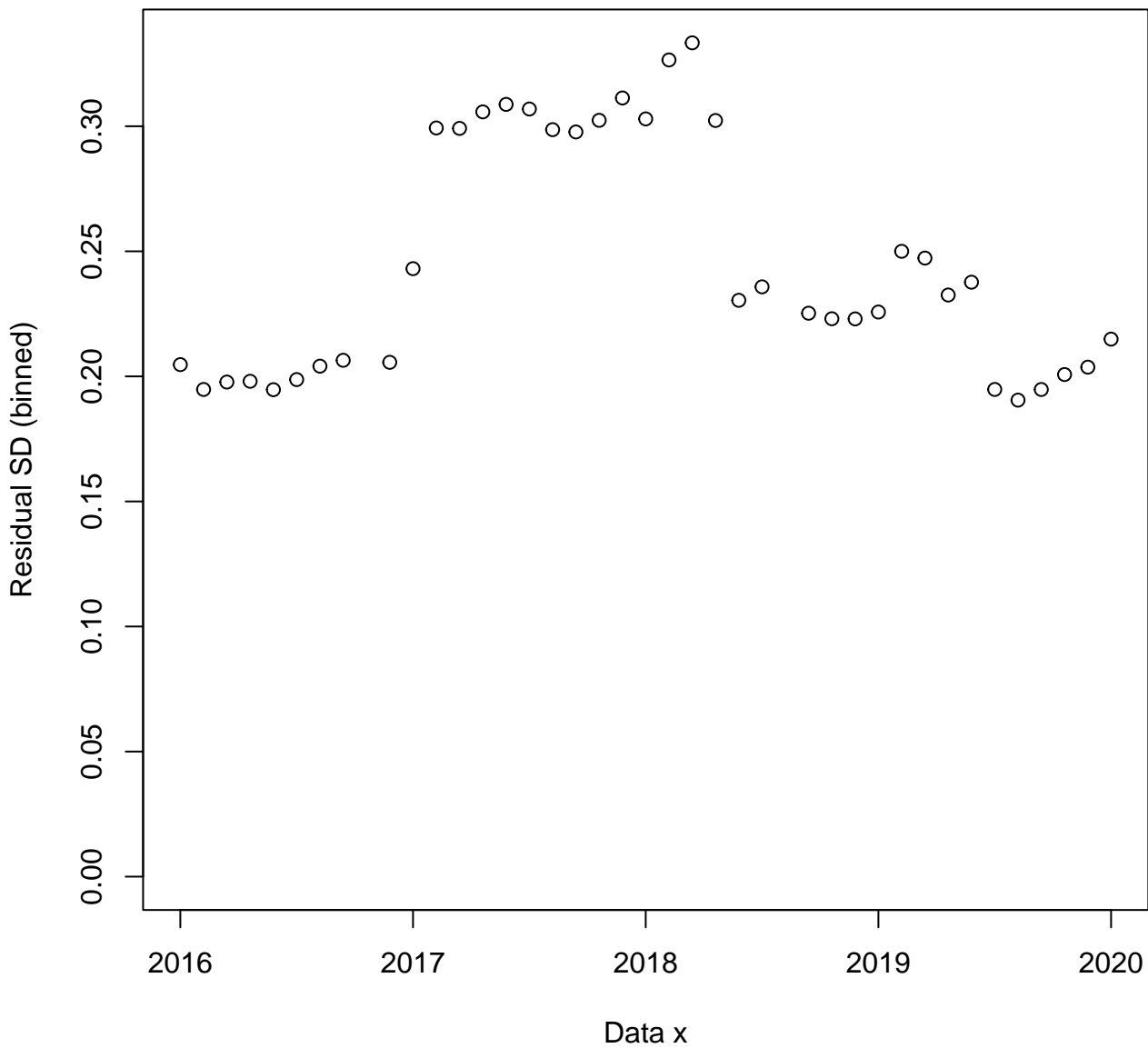
Residuals & PP Residual vs. Data Sequence



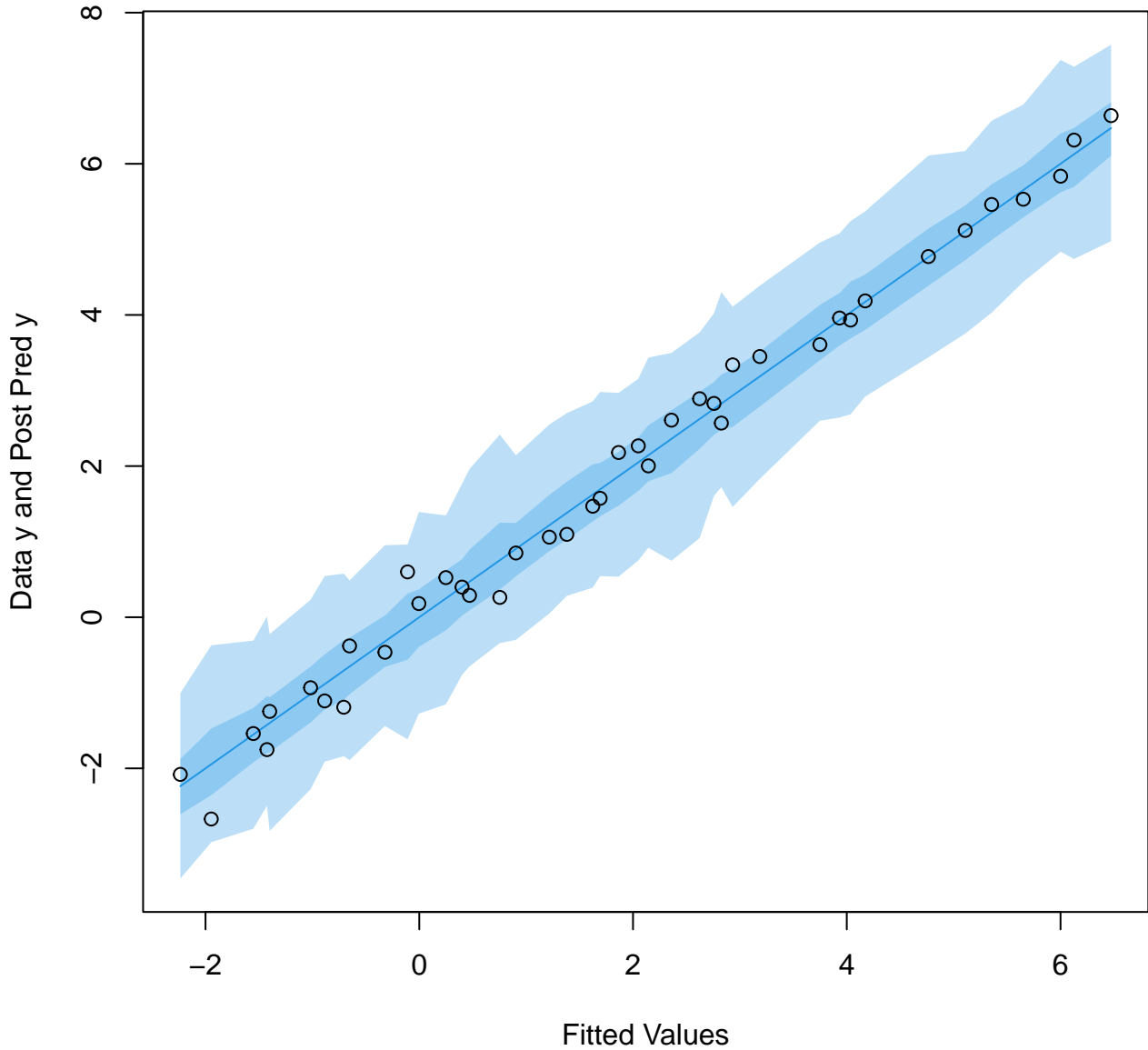


Data y & Post Pred y vs. Data x

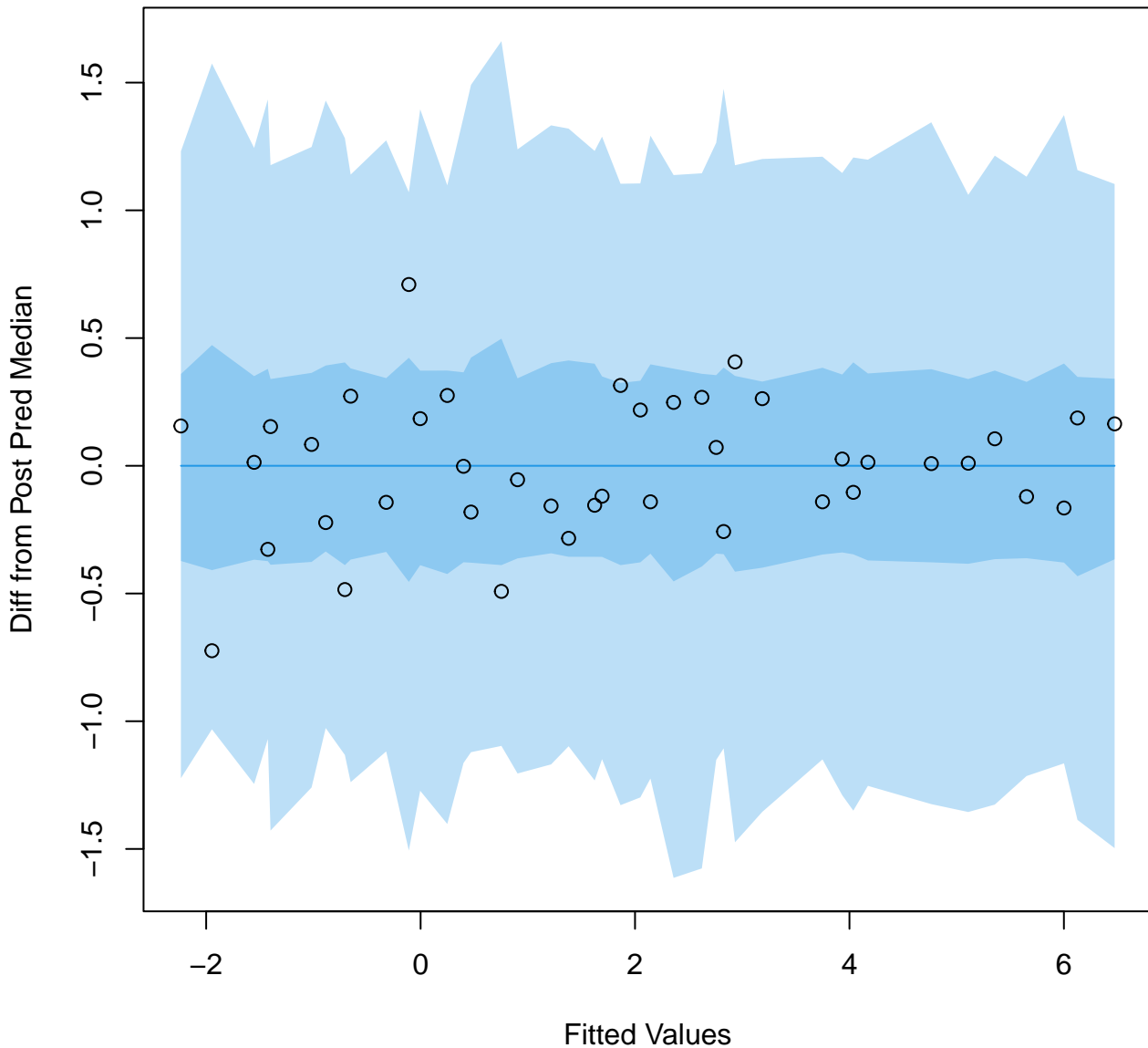


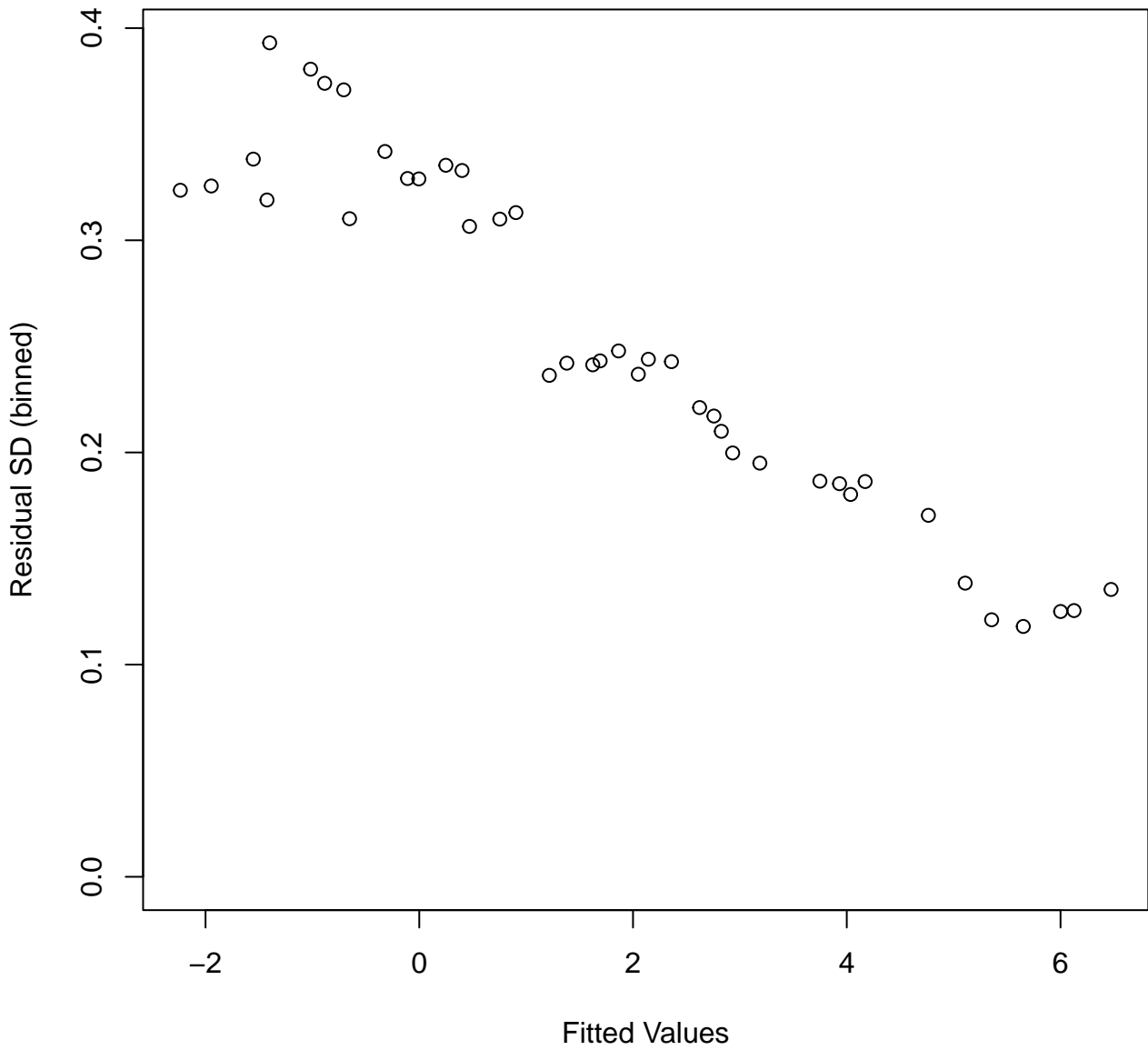


Data y & Post Pred y vs. Fitted Values

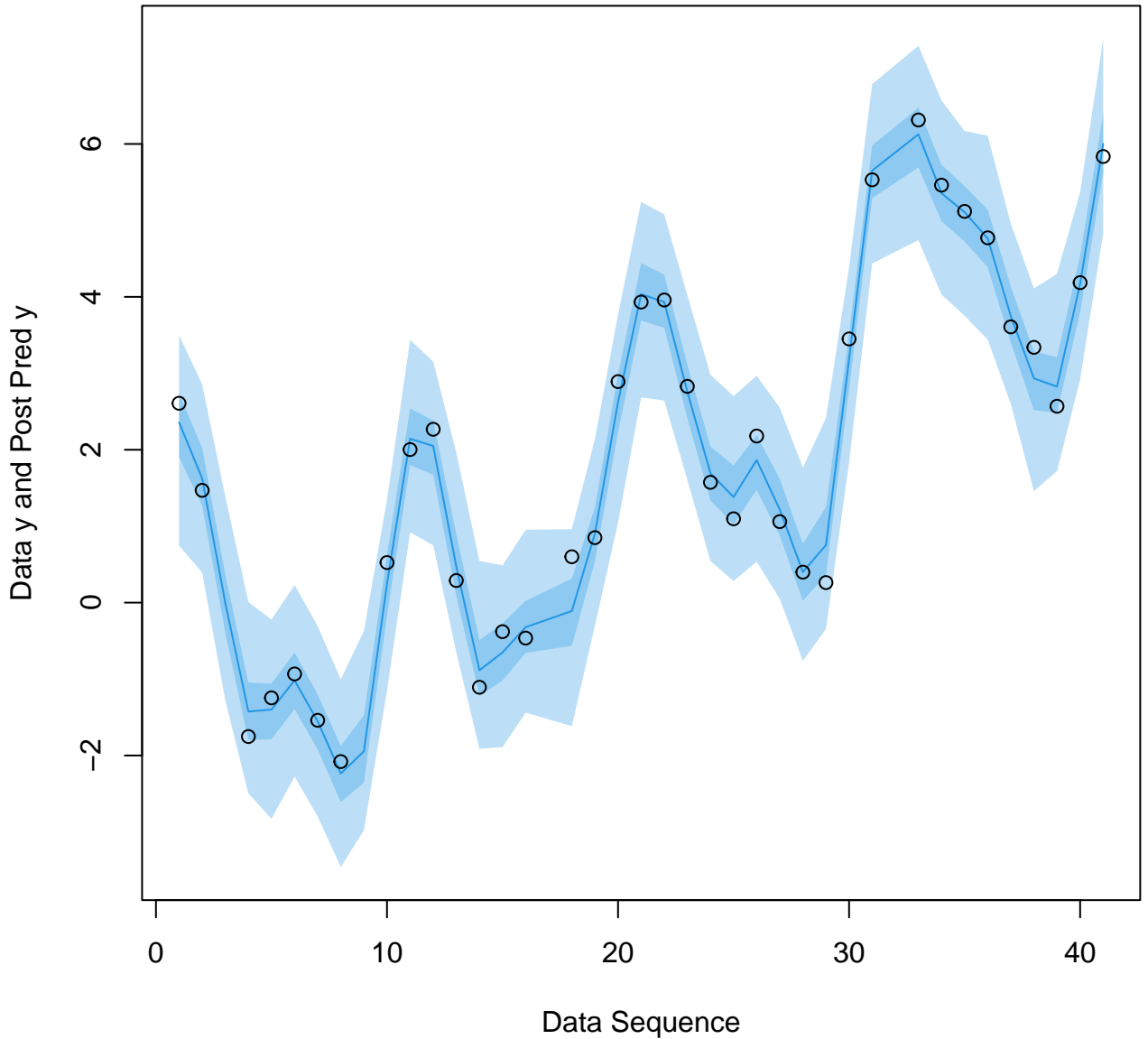


Residuals & PP Residual vs. Fitted Values

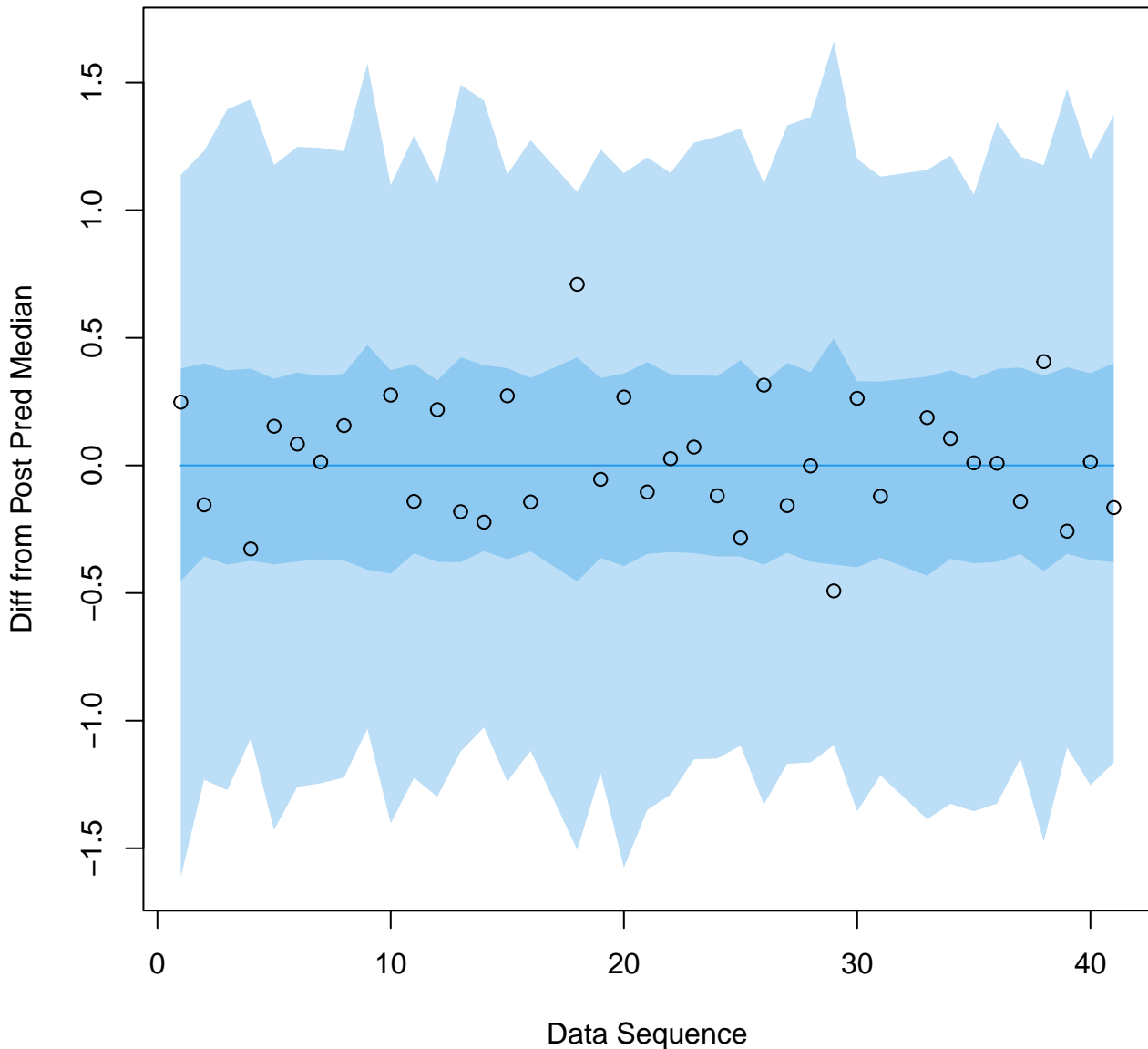


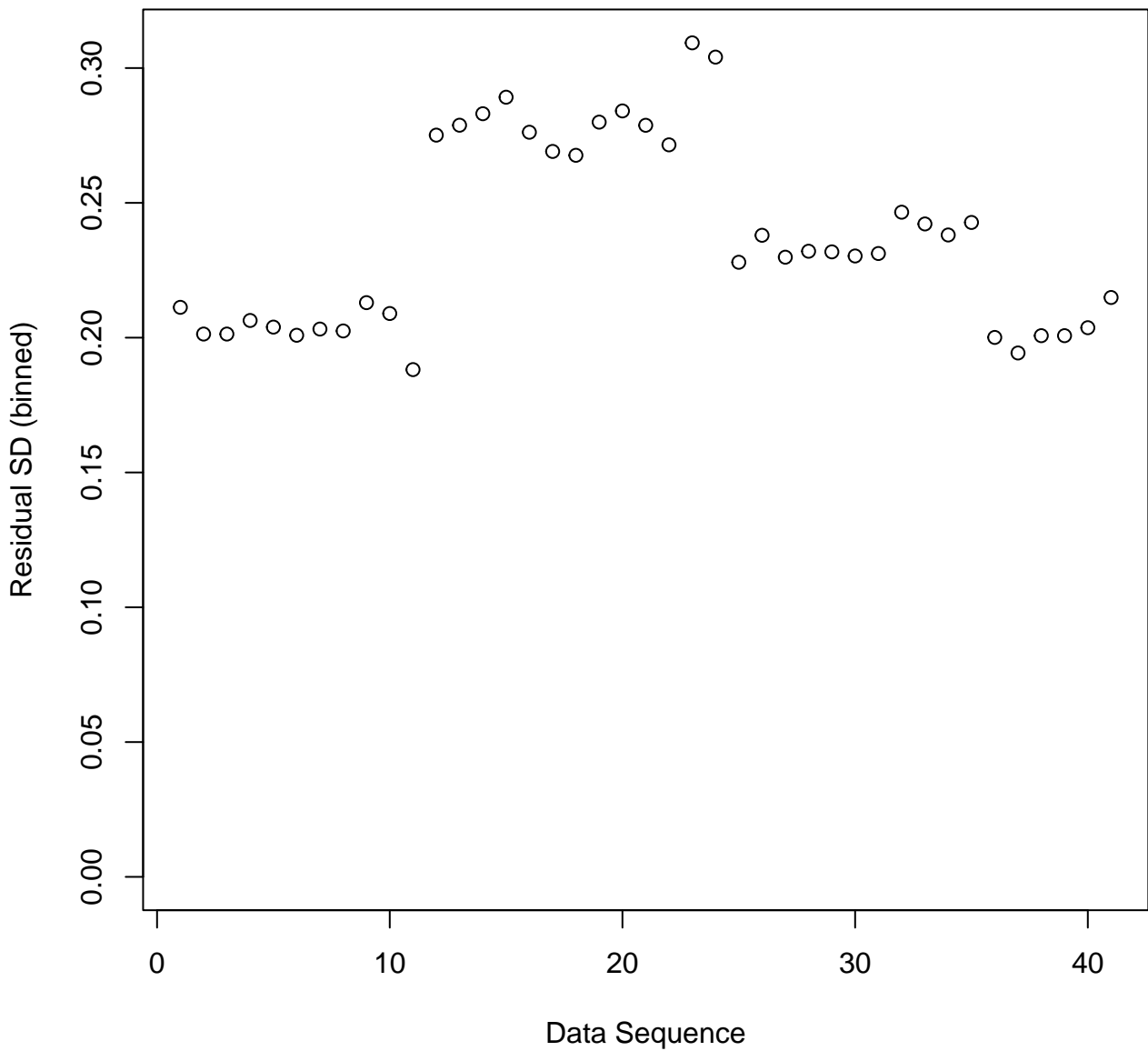


**Data y & Post Pred y
vs. Data Sequence**

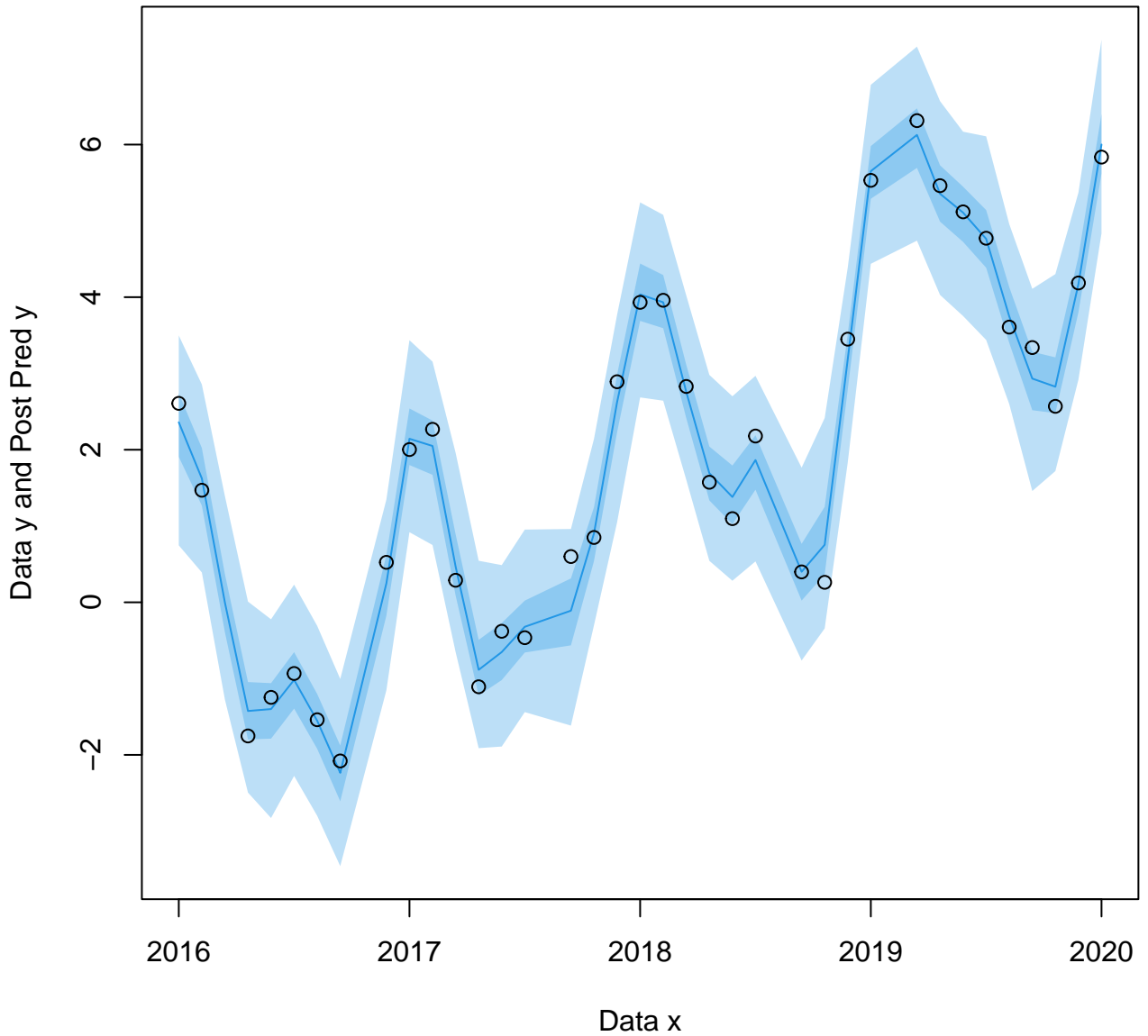


Residuals & PP Residual vs. Data Sequence

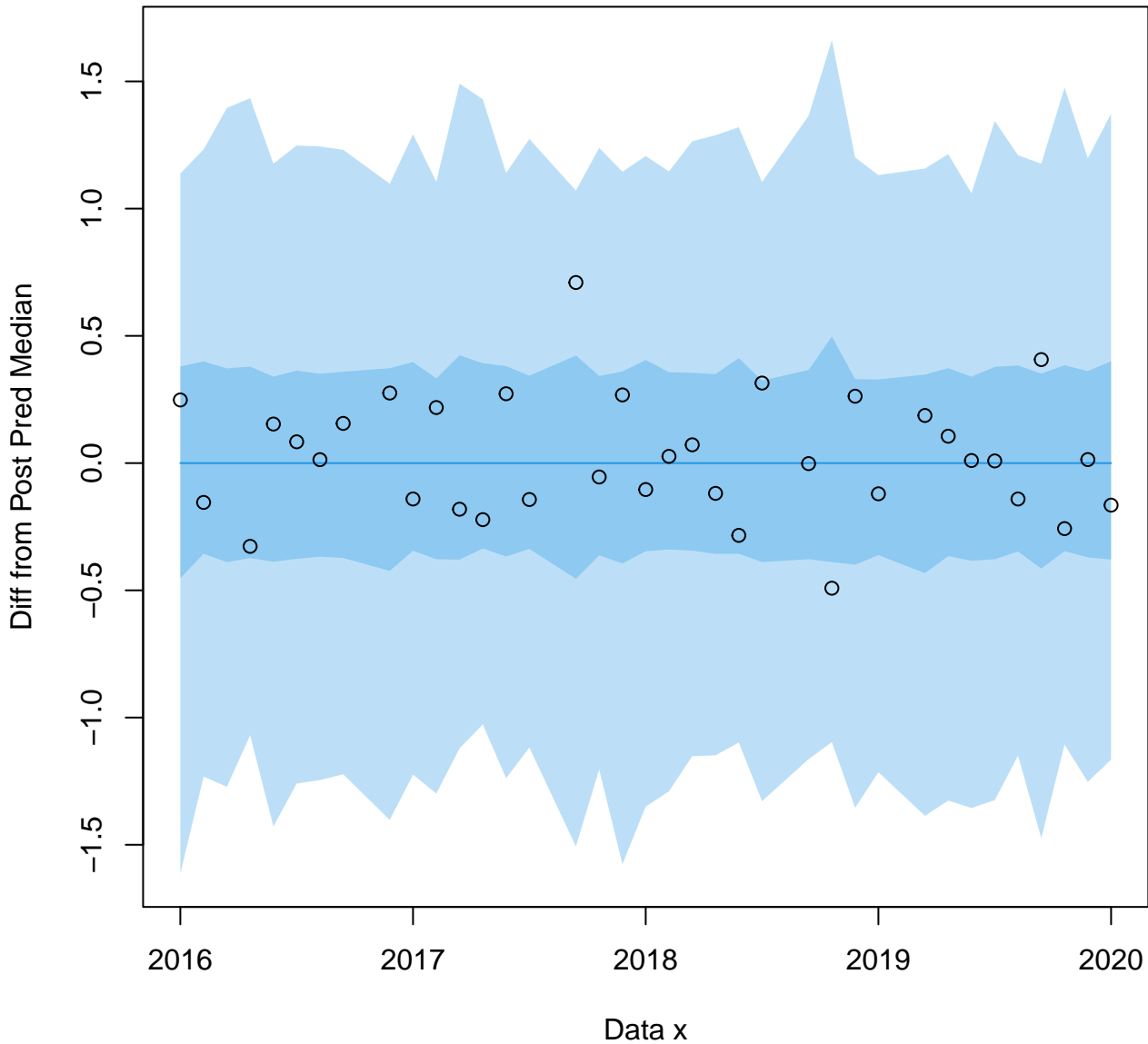


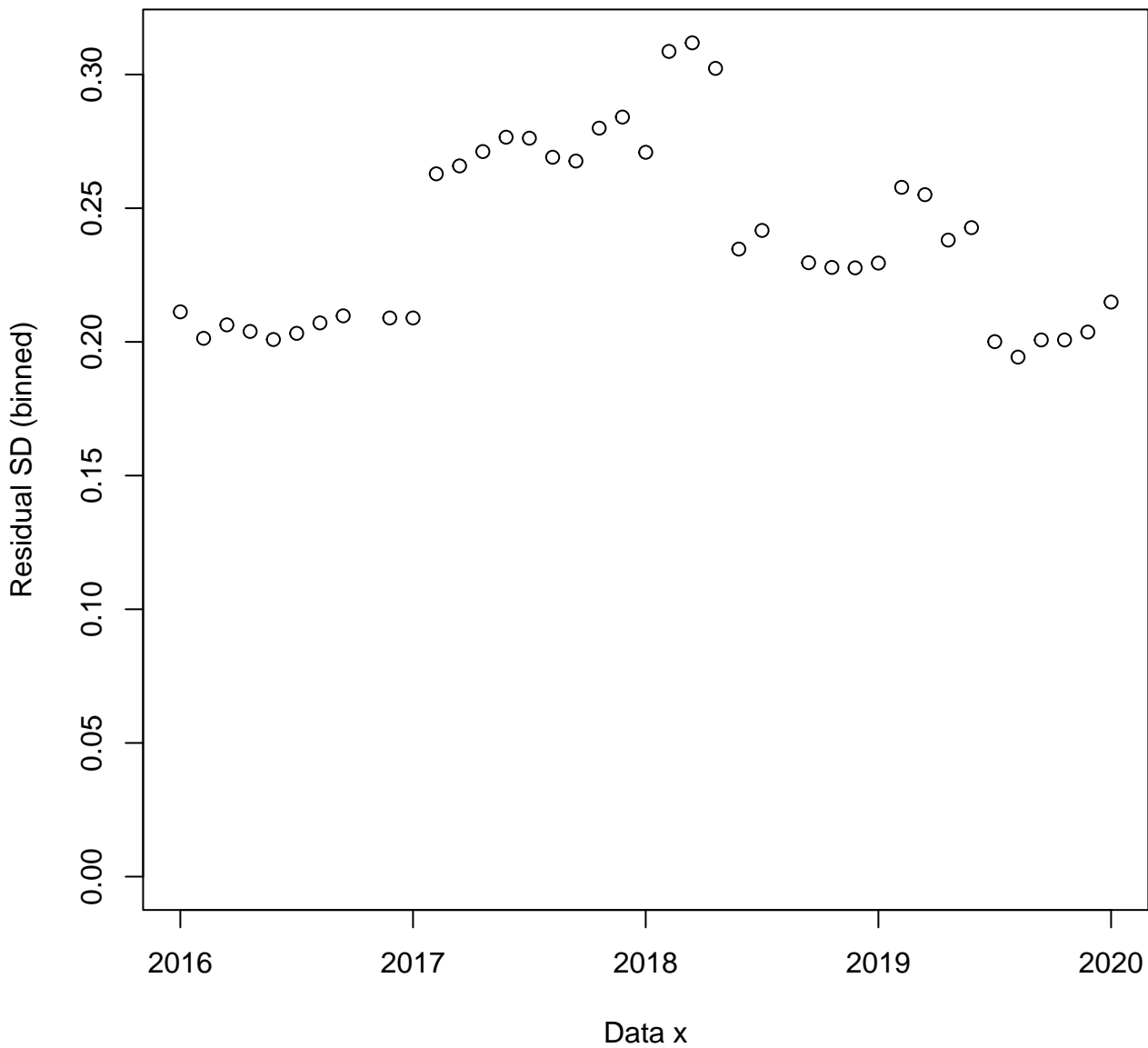


Data y & Post Pred y vs. Data x

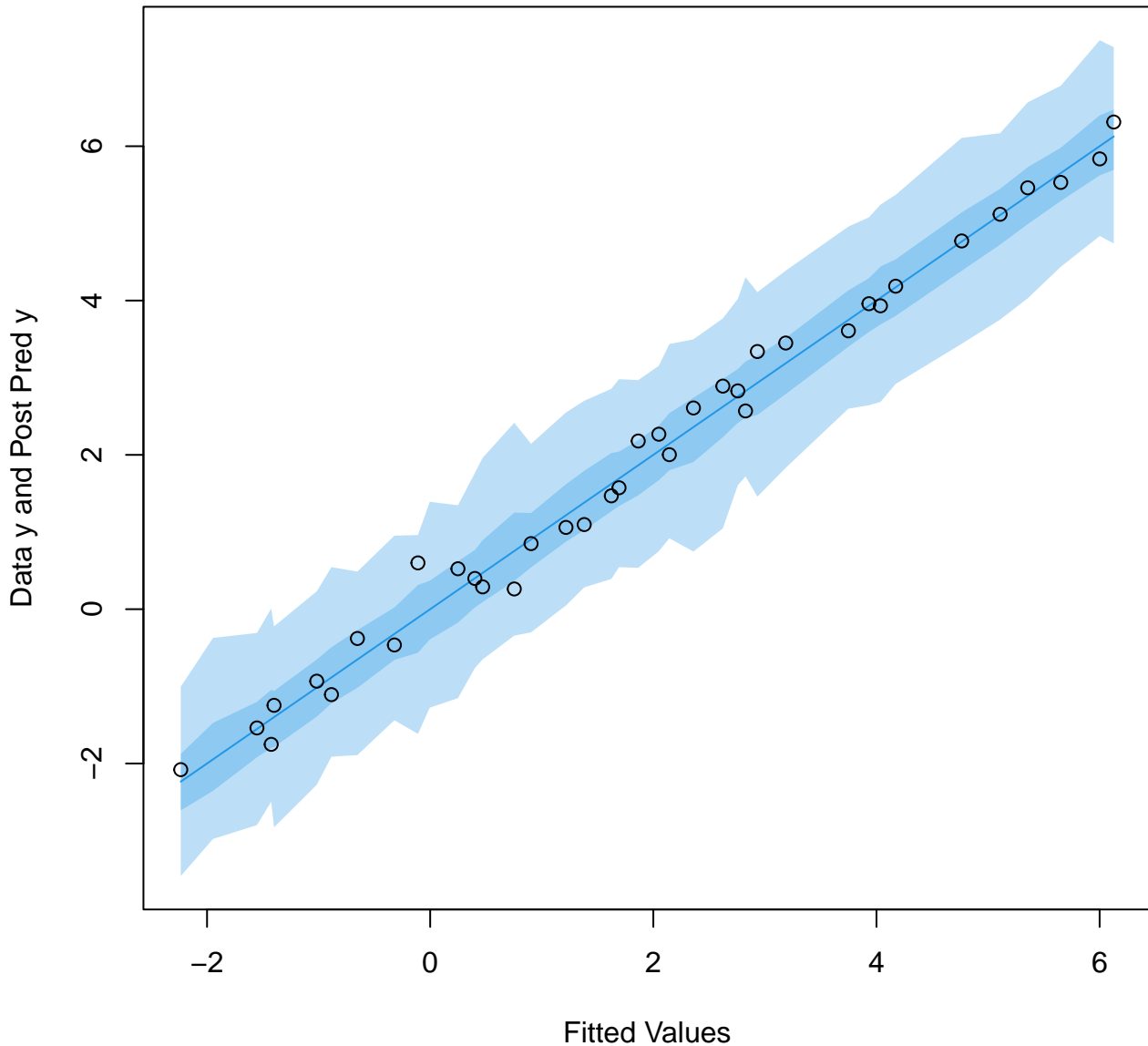


Residuals & PP Residual vs. Data x





Data y & Post Pred y vs. Fitted Values



Residuals & PP Residual vs. Fitted Values

