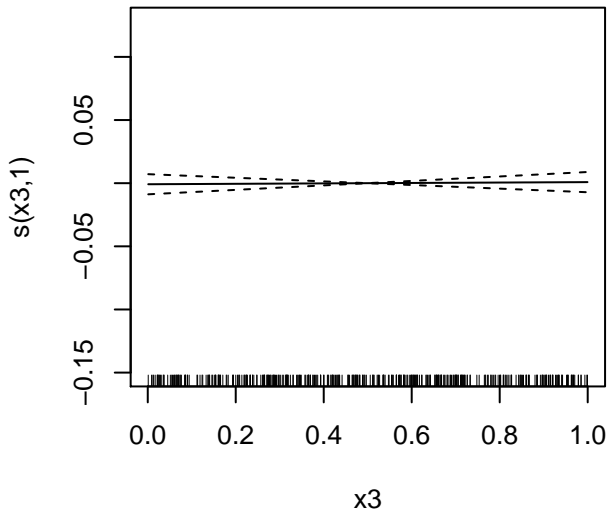
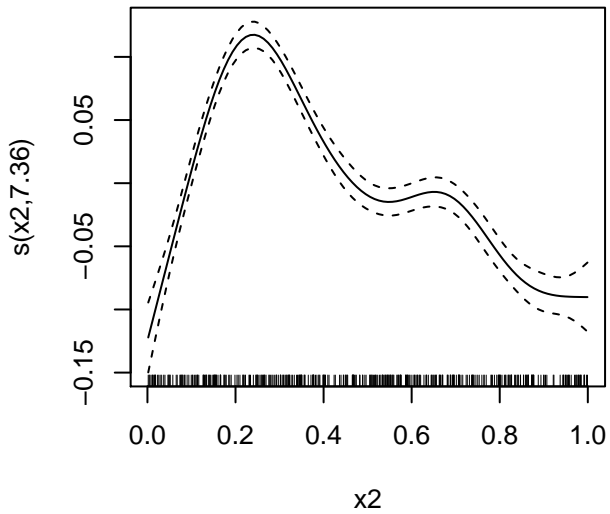
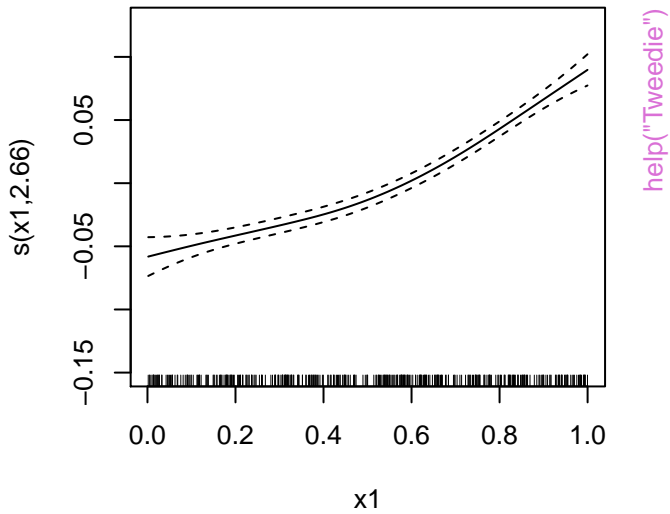
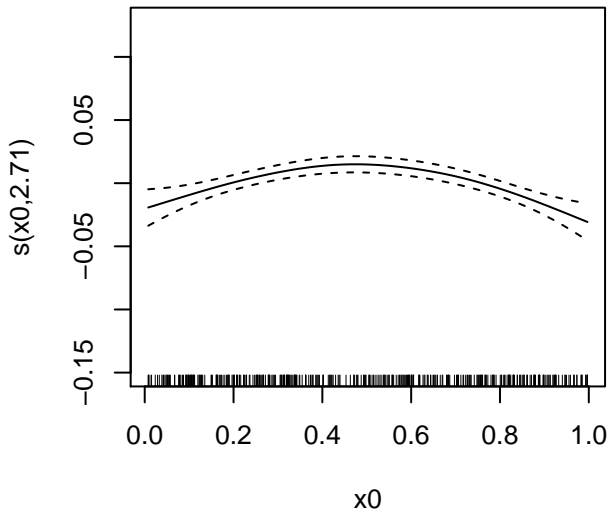
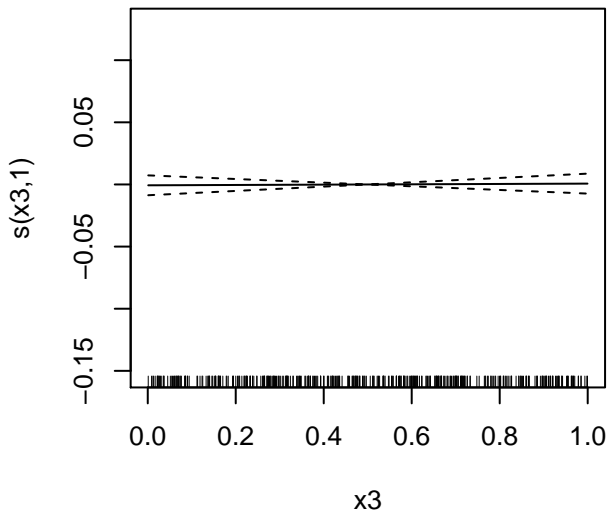
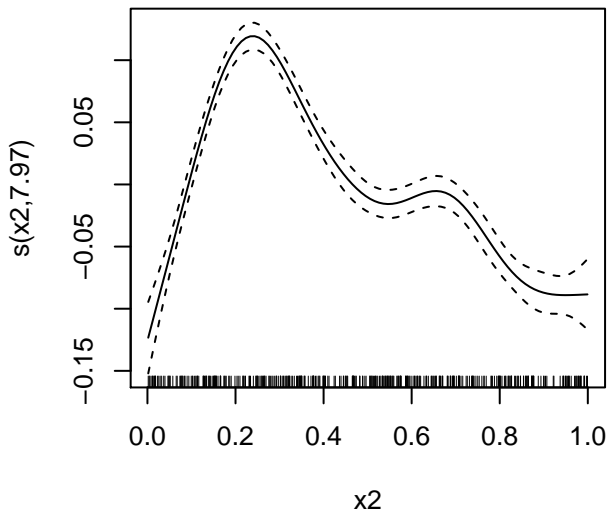
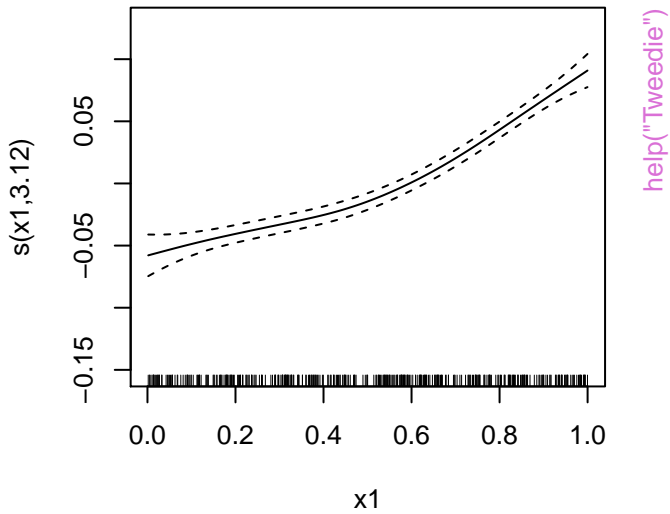
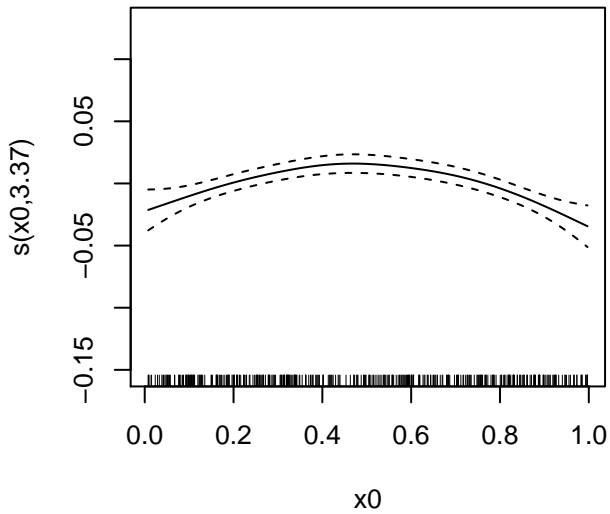
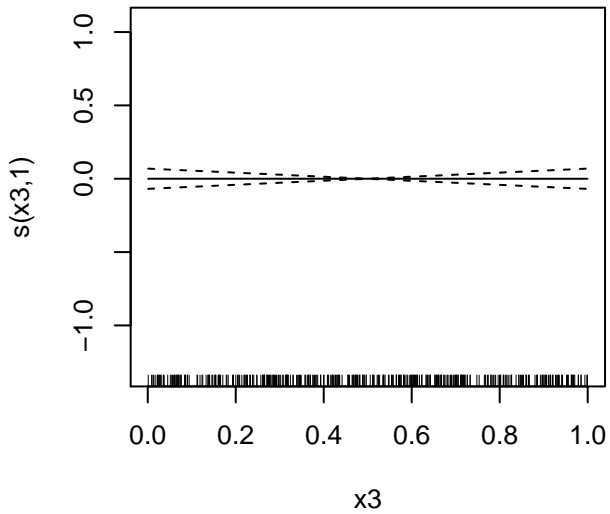
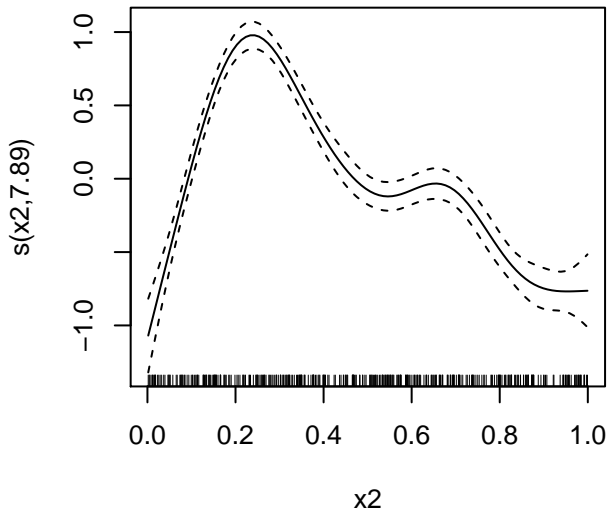
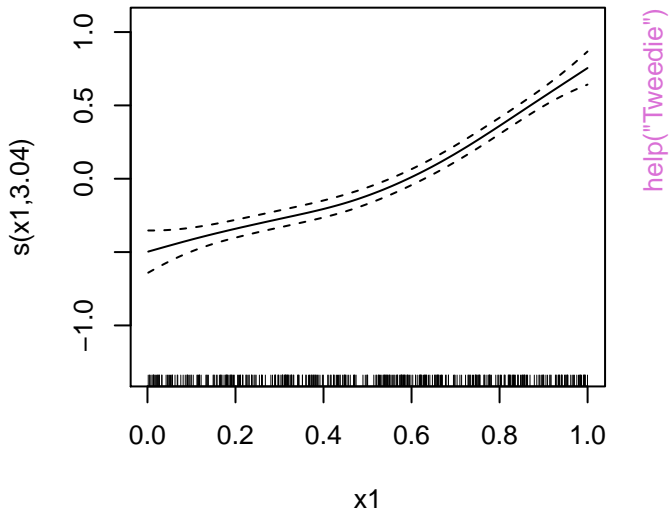
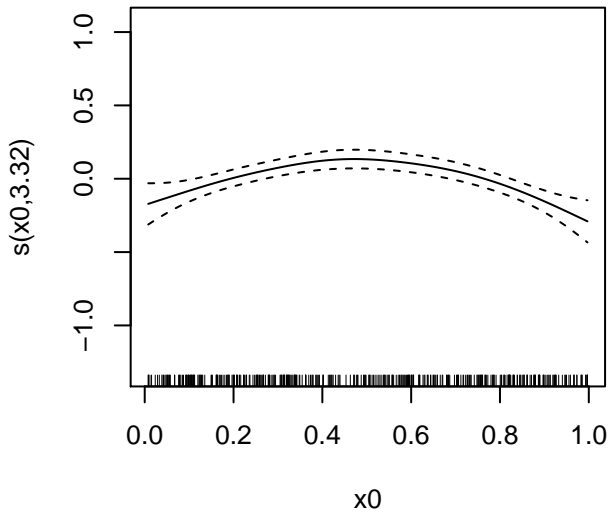
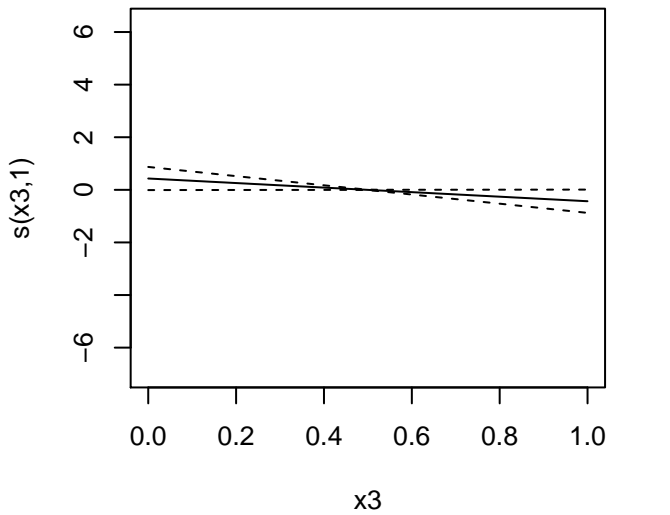
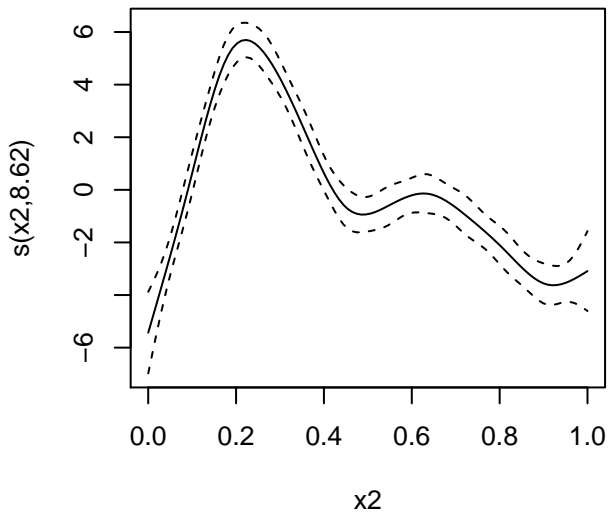
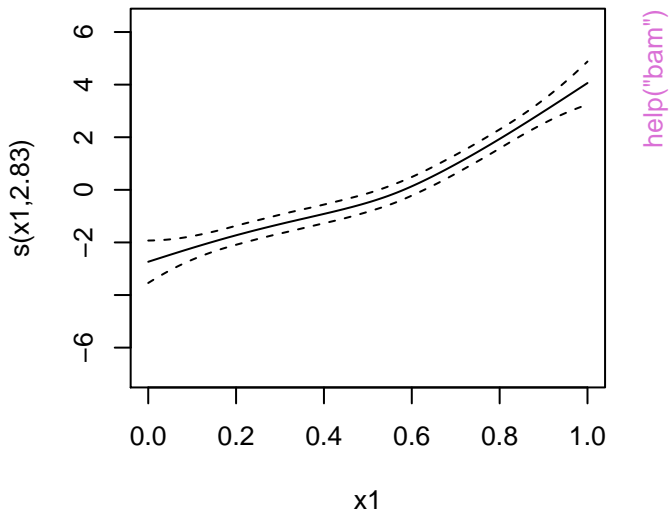
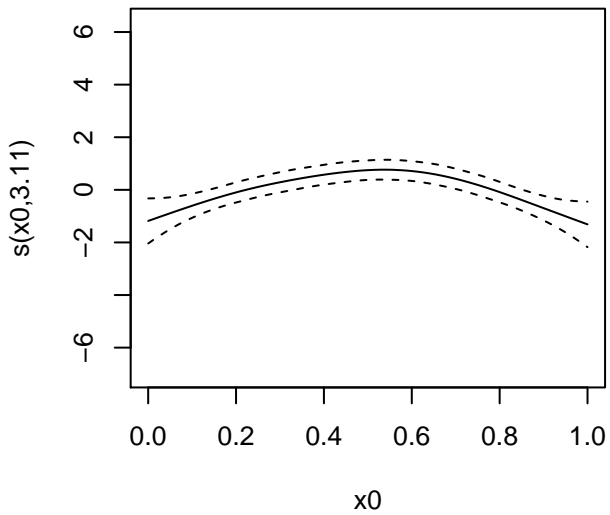


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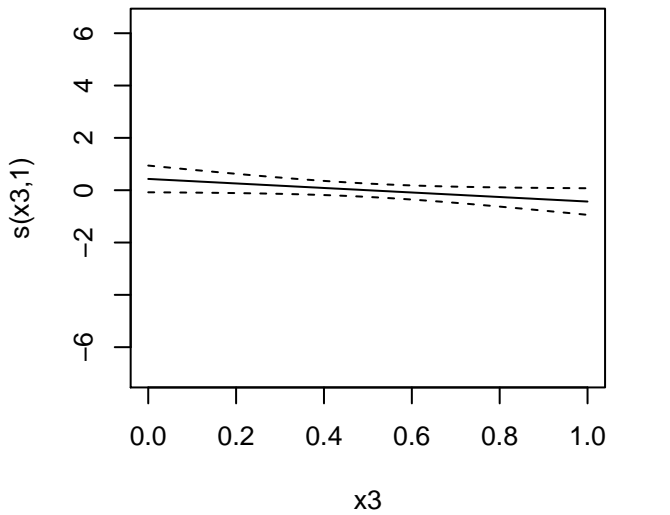
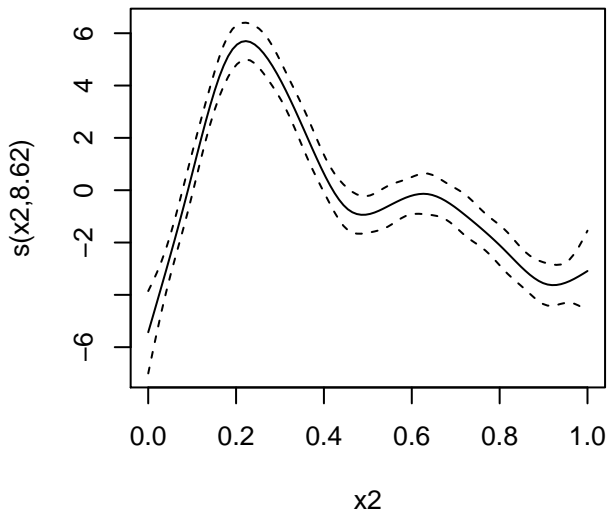
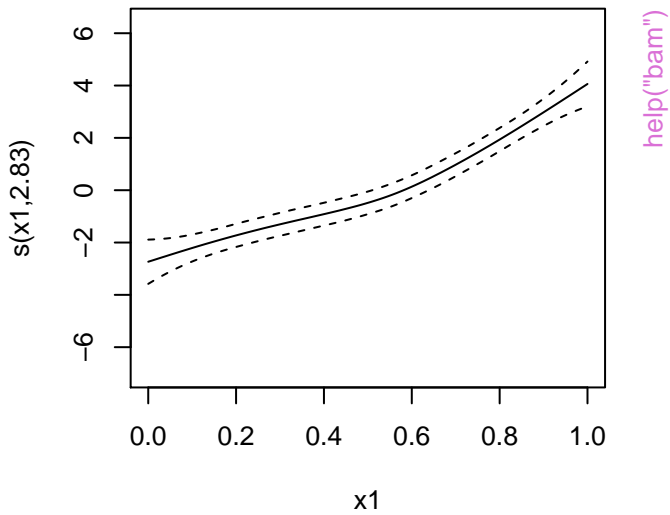
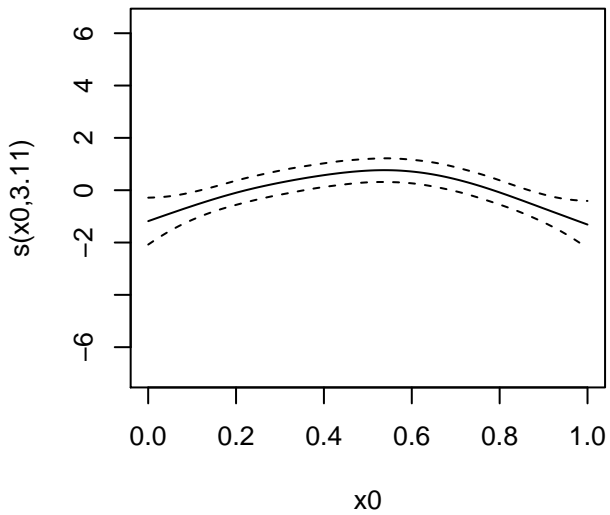




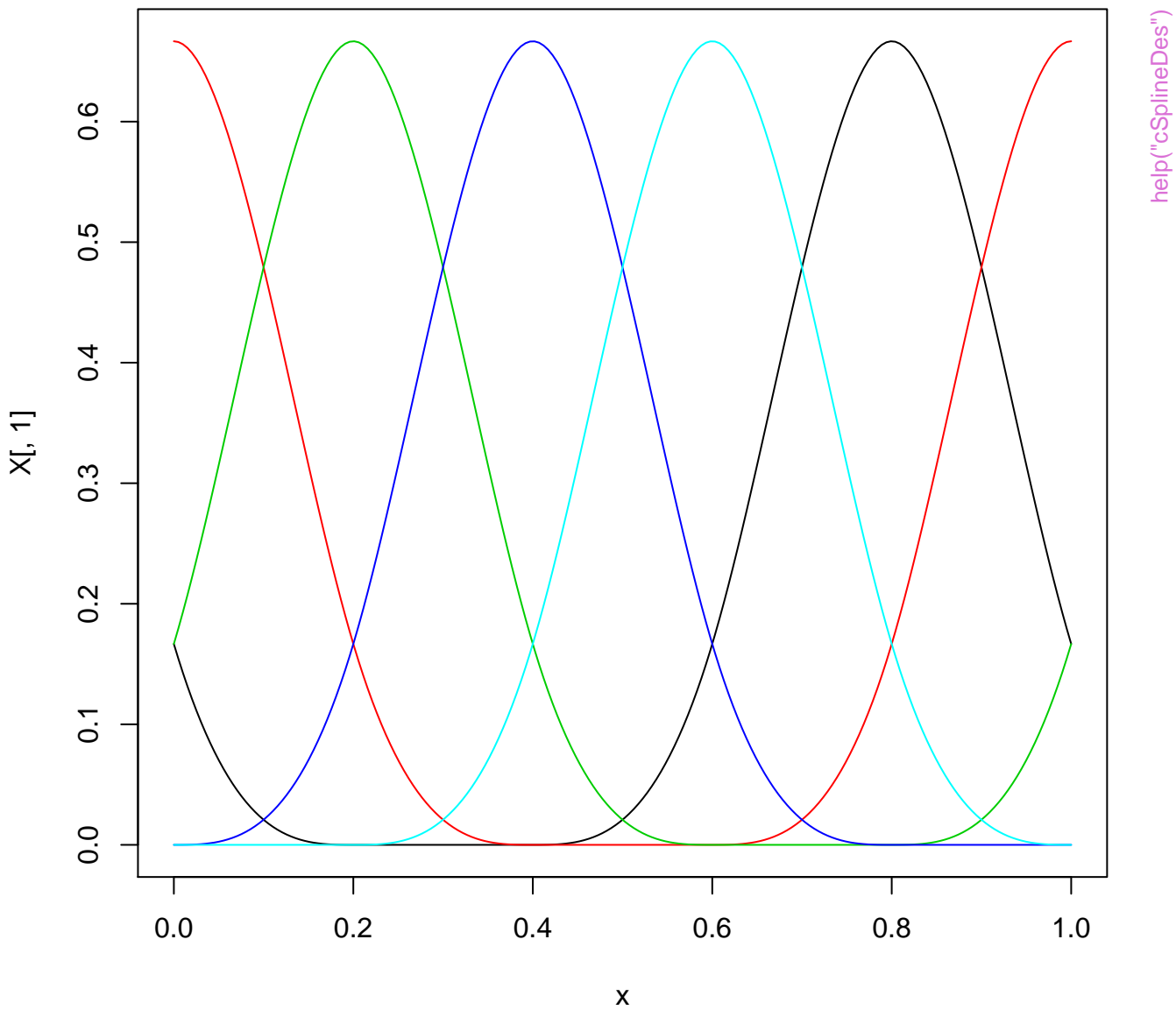


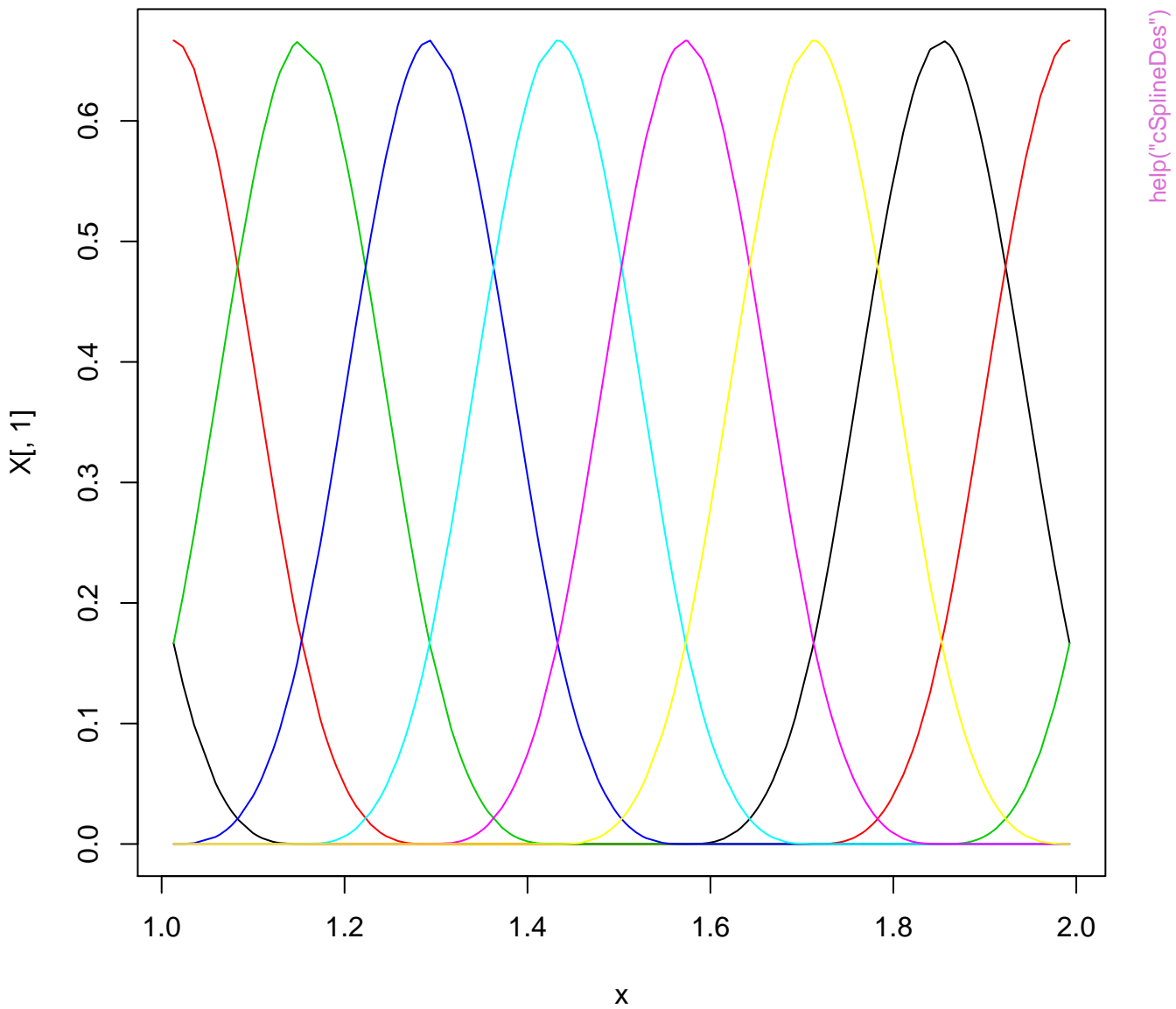


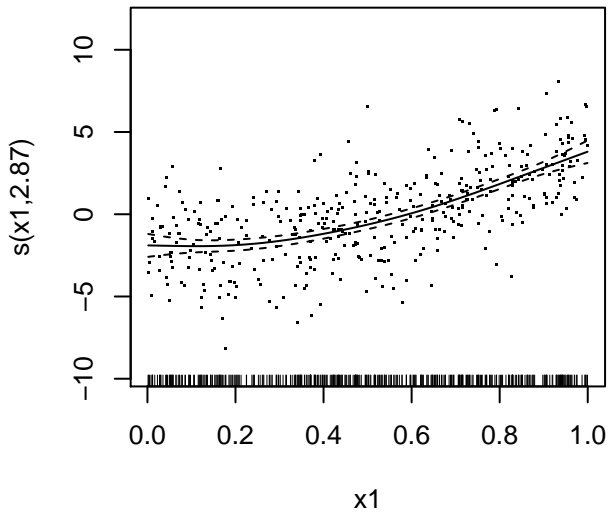
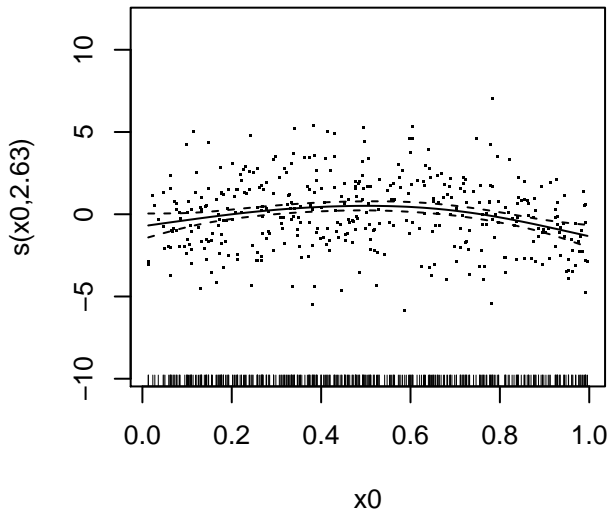
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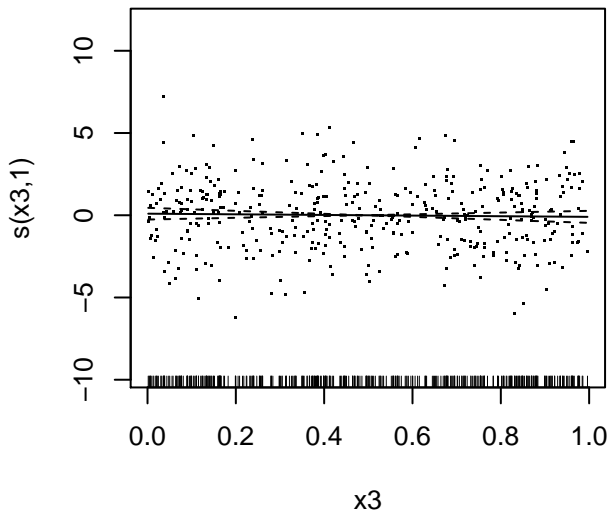
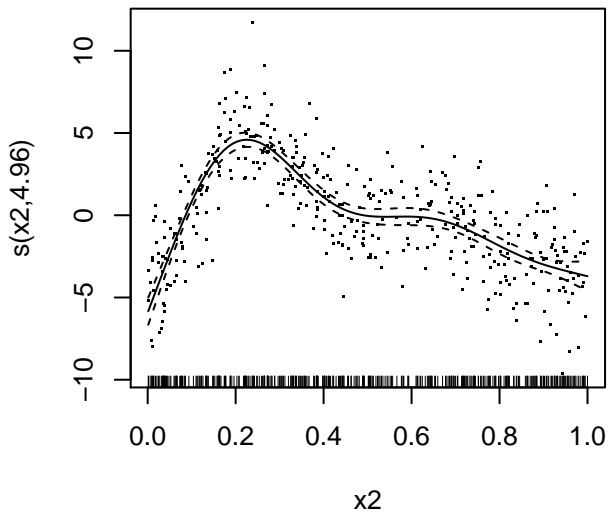
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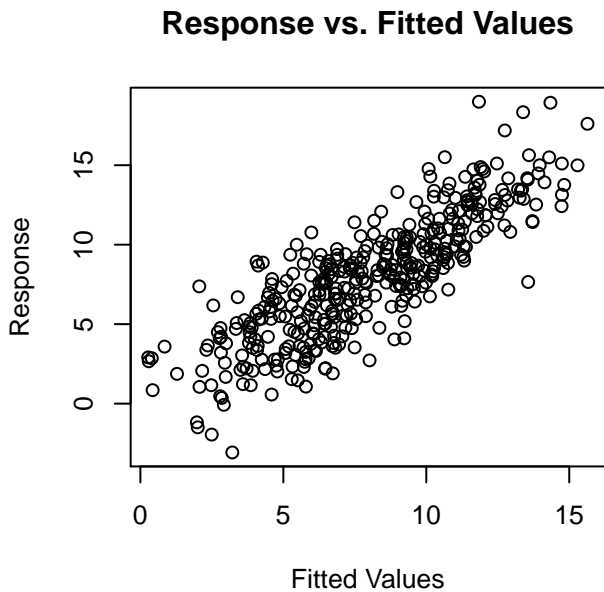
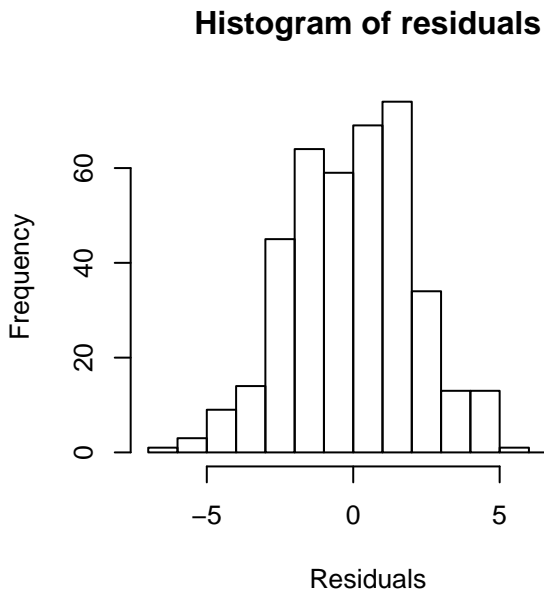
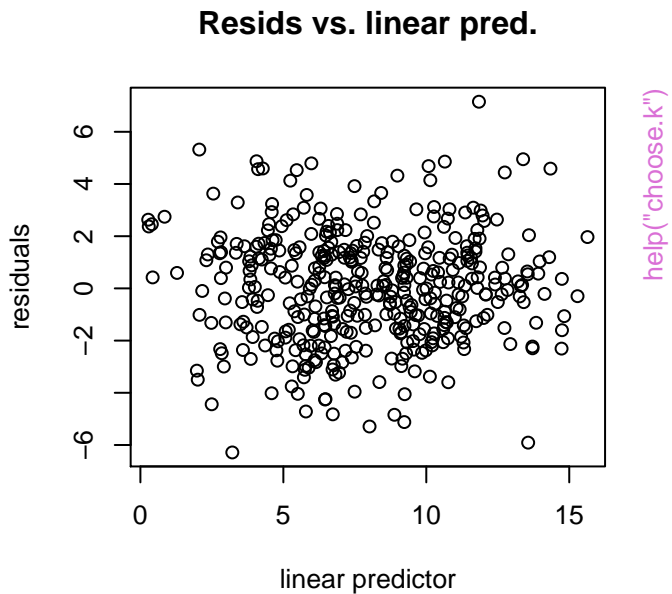
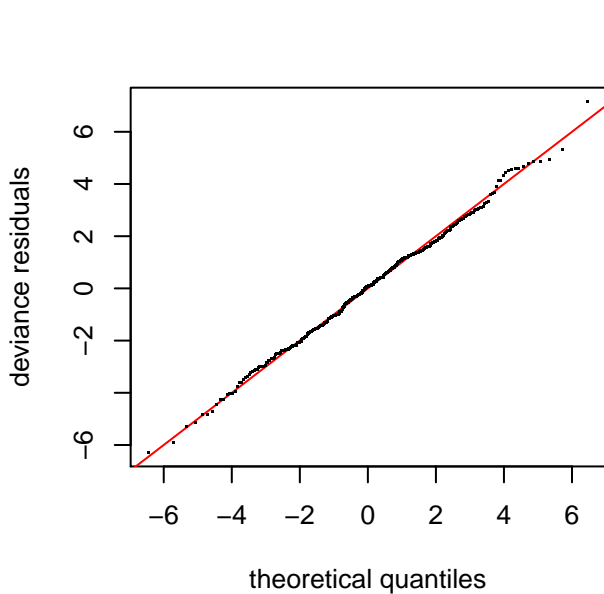




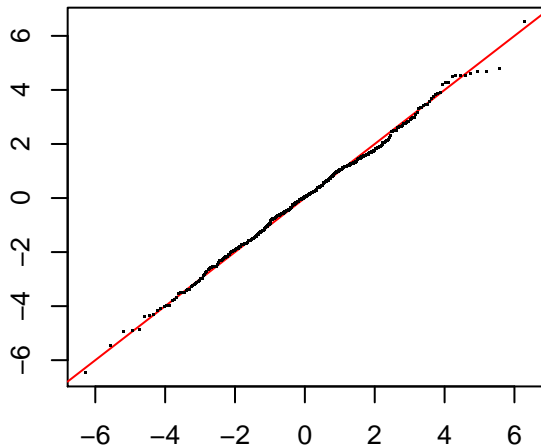


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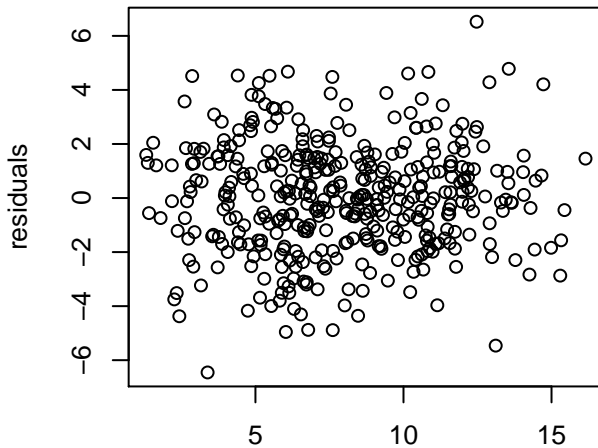


deviance residuals



theoretical quantiles

Resids vs. linear pred.

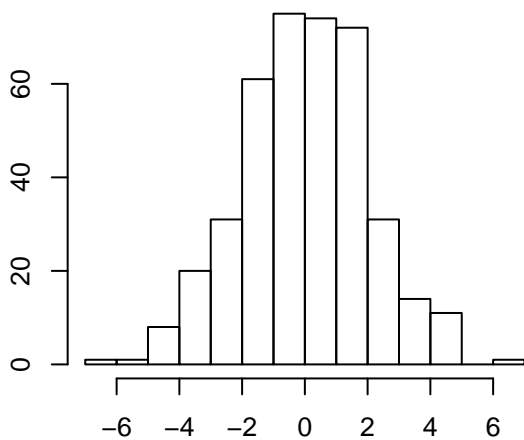


linear predictor

help("choose.k")

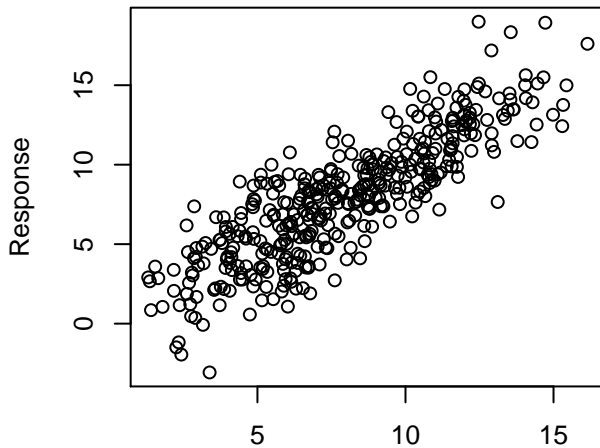
Histogram of residuals

Frequency

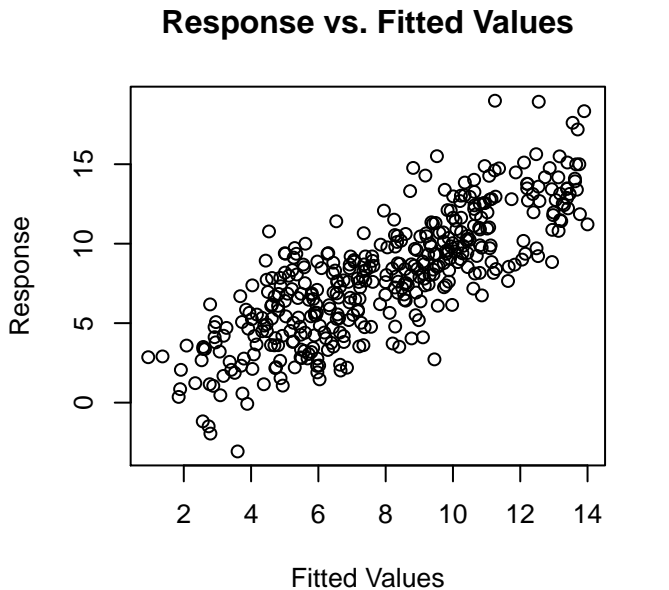
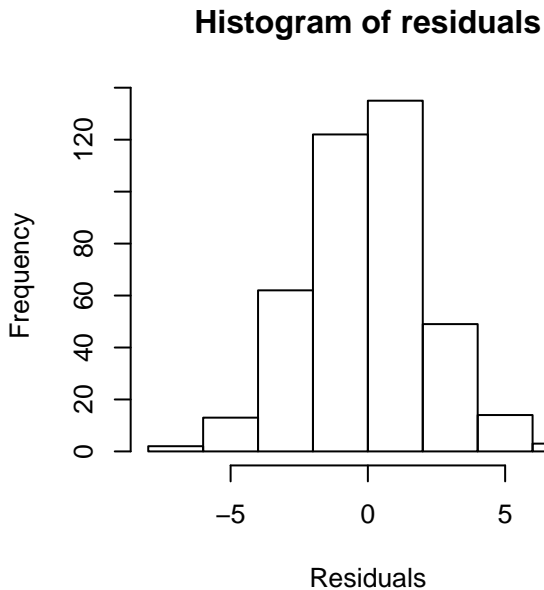
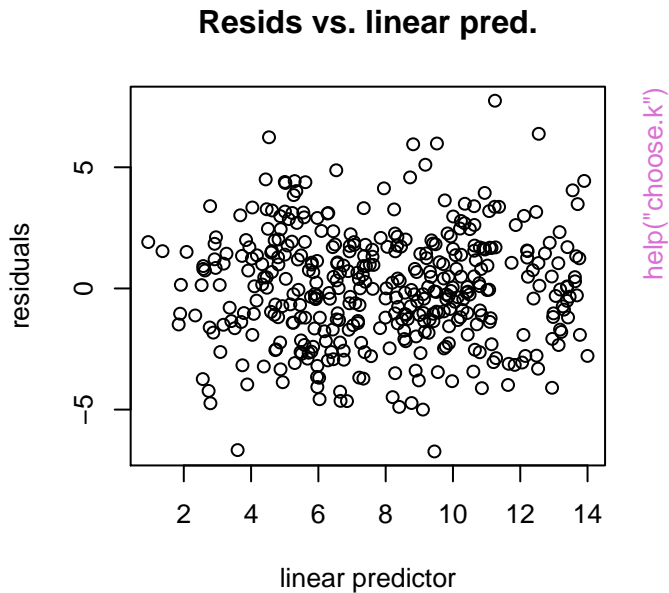
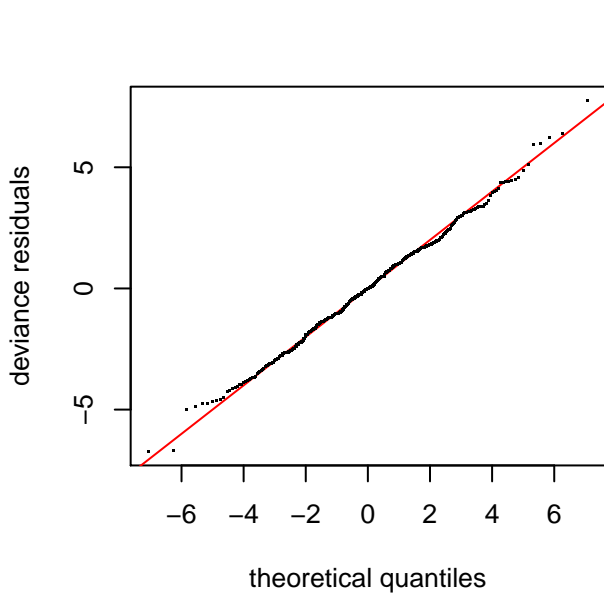


Residuals

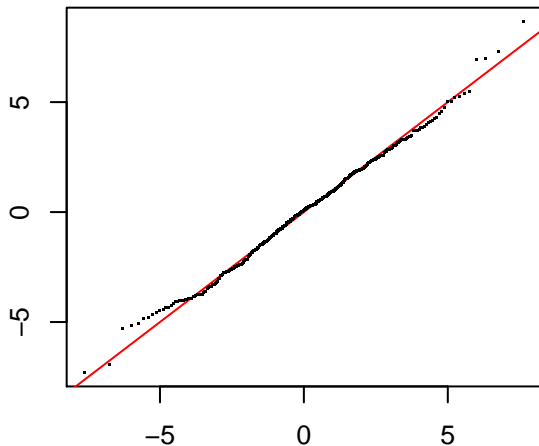
Response vs. Fitted Values



Fitted Values

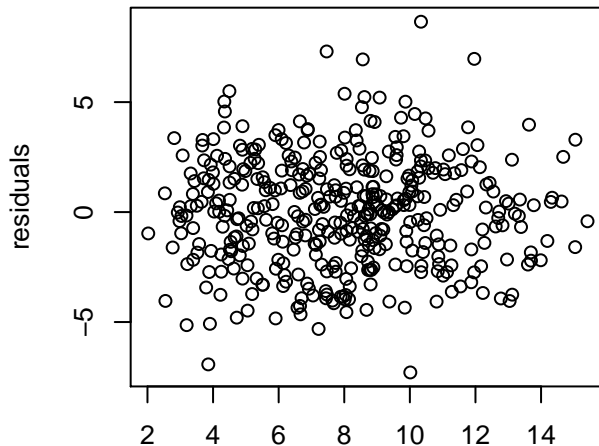


deviance residuals



theoretical quantiles

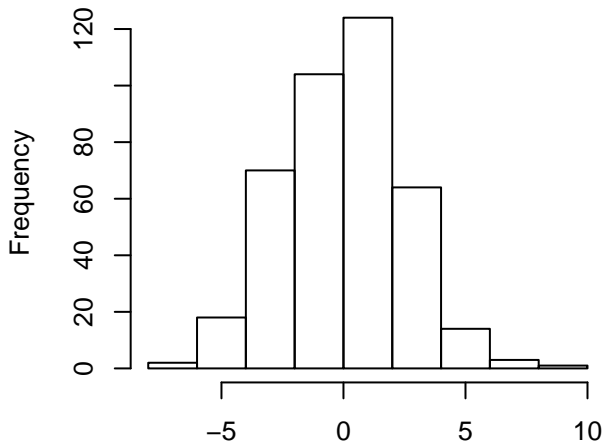
Resids vs. linear pred.



linear predictor

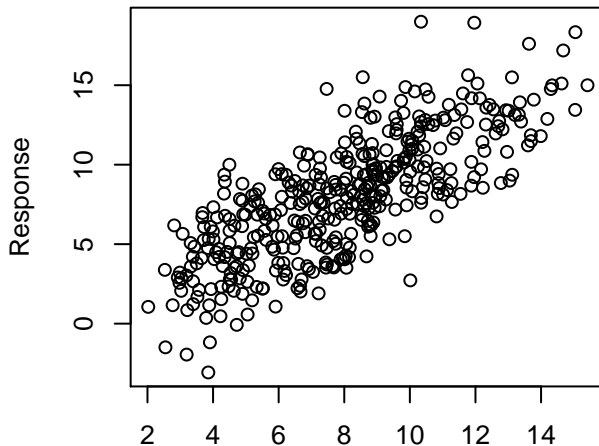
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Histogram of residuals

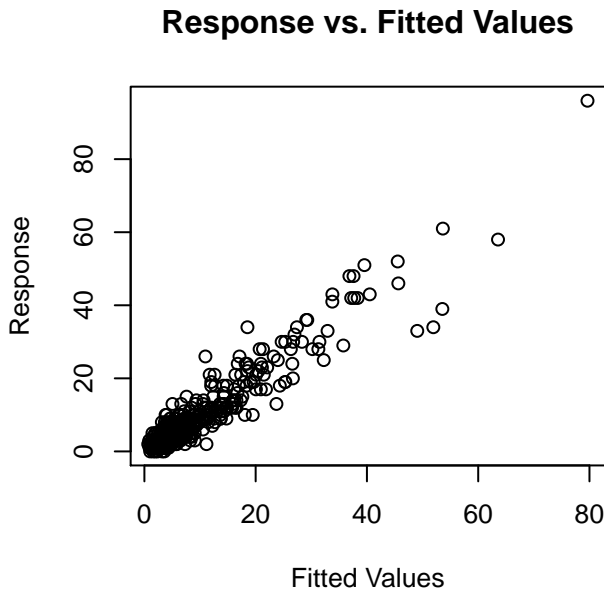
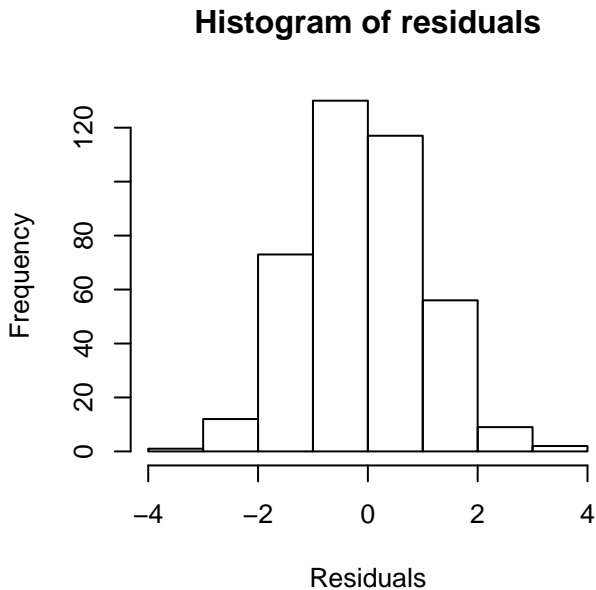
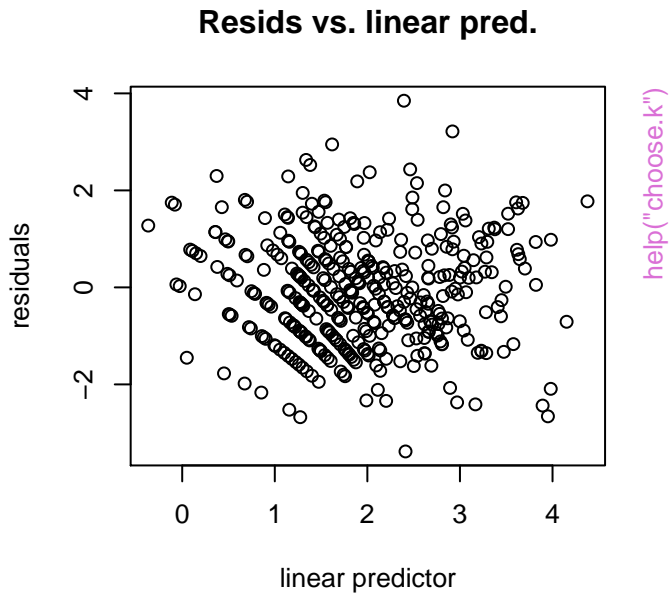
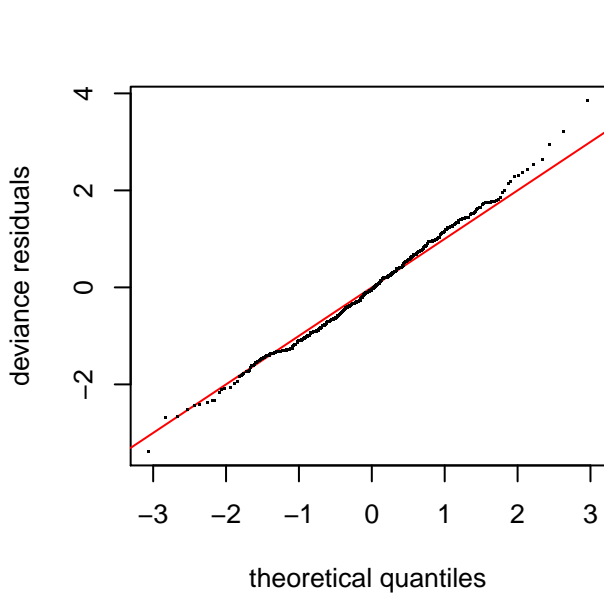


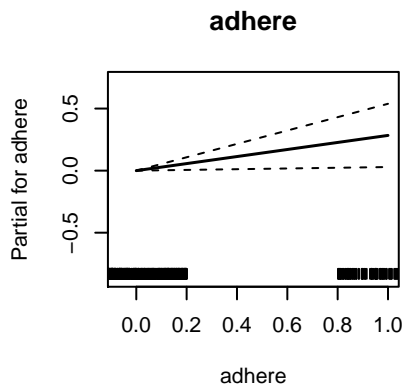
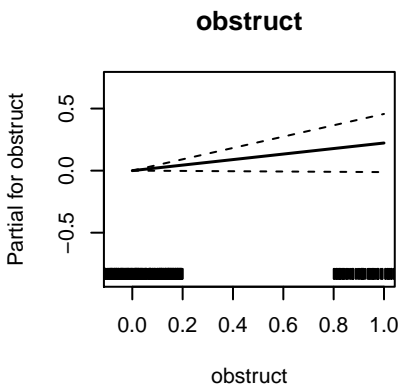
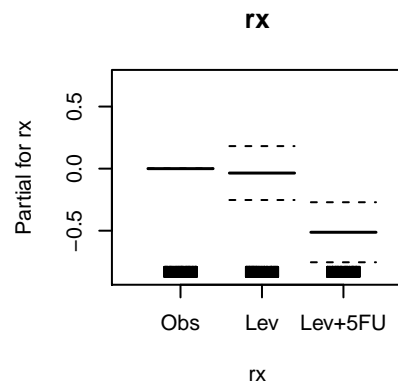
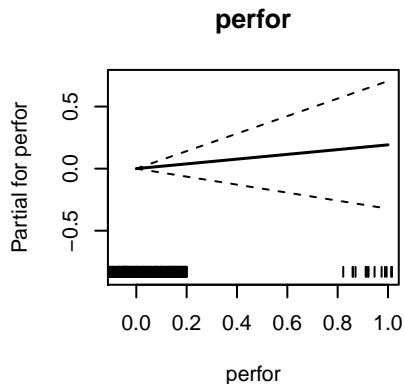
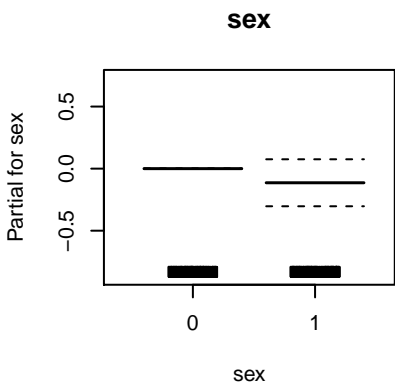
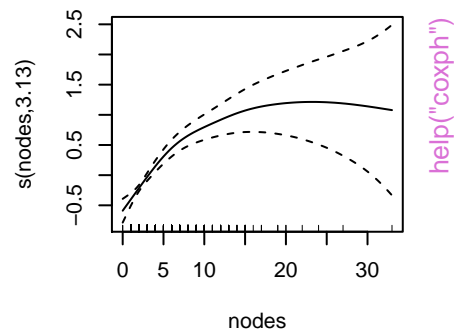
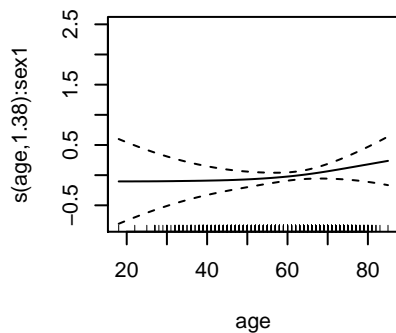
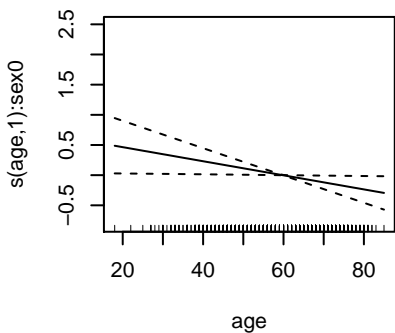
Residuals

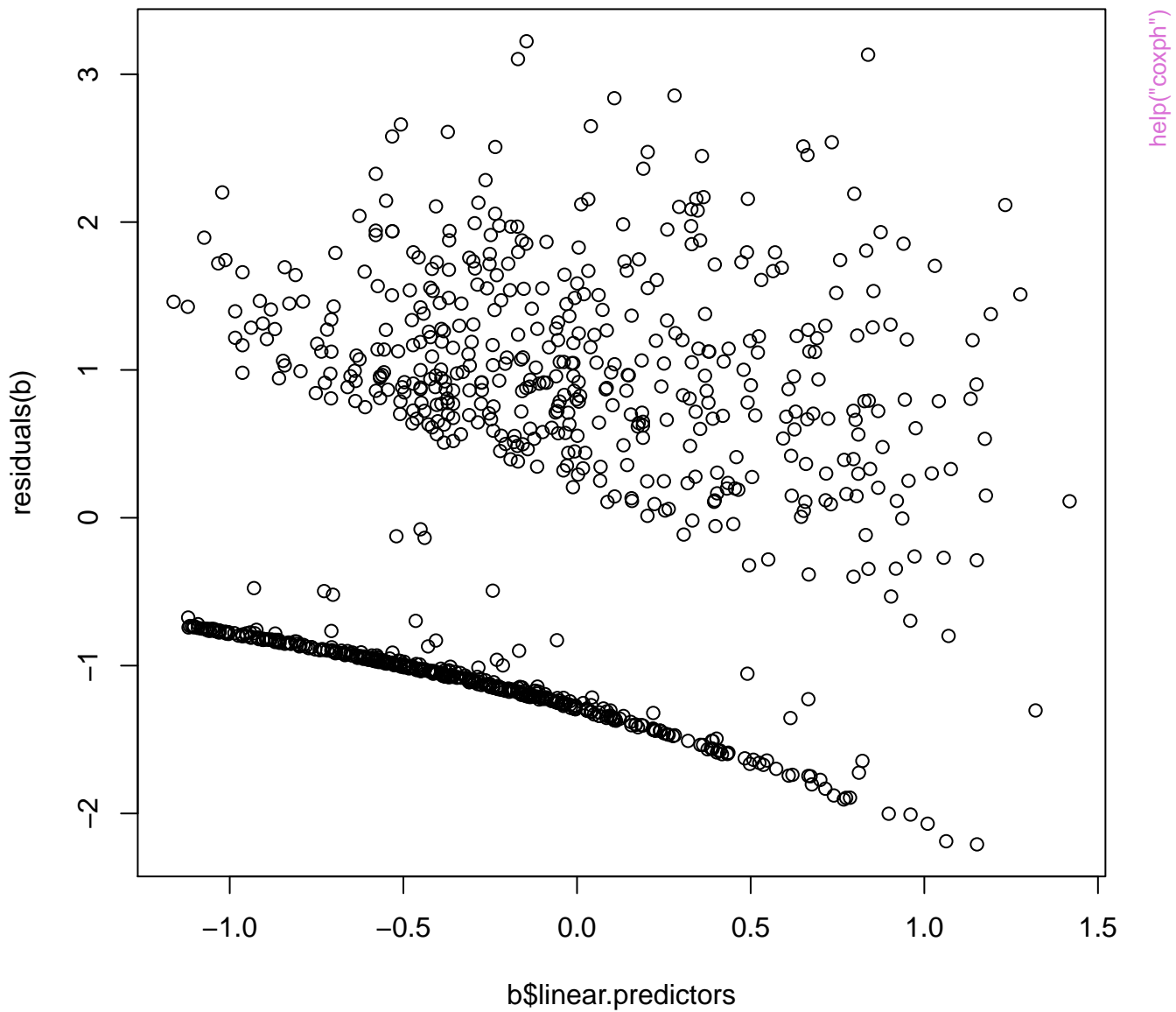
Response vs. Fitted Values

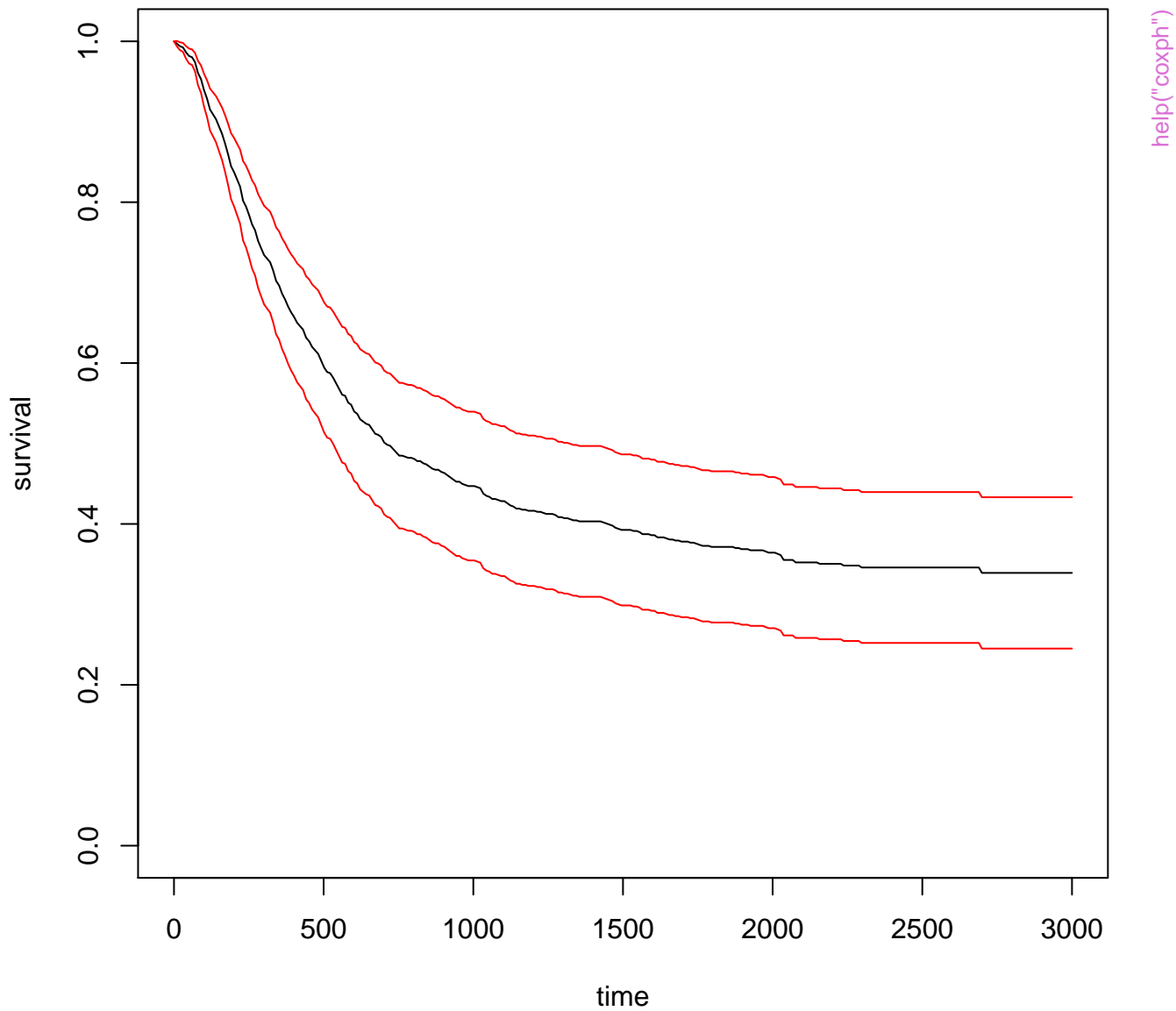


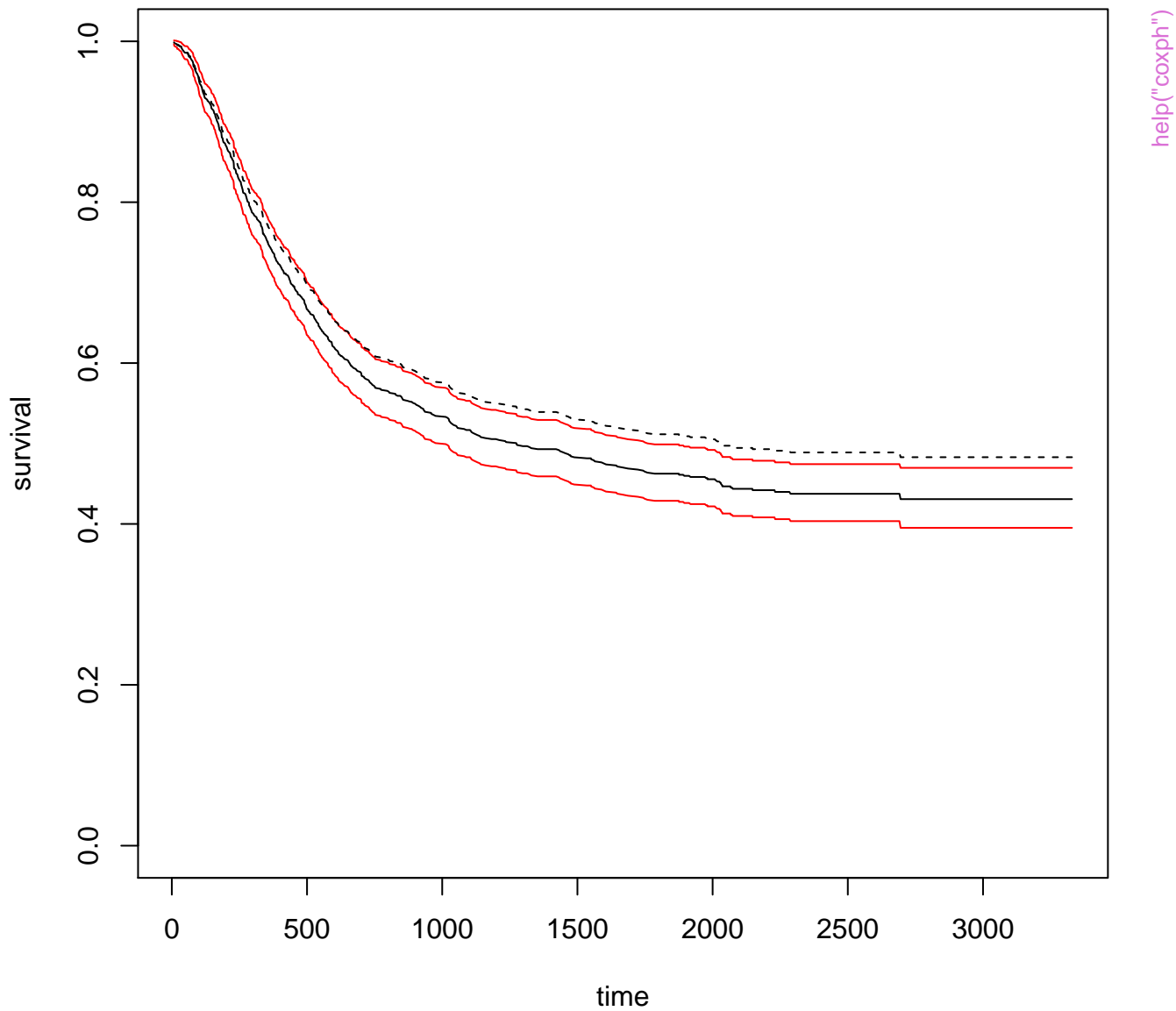
Fitted Values

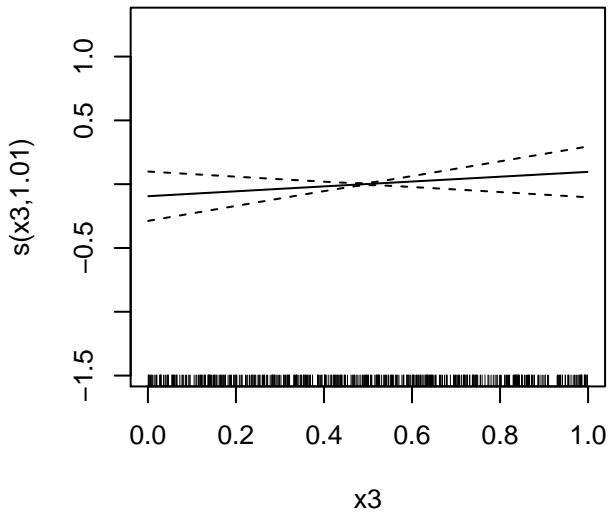
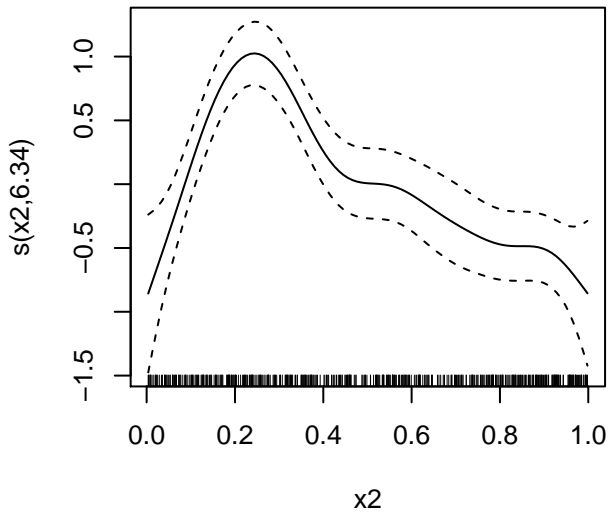
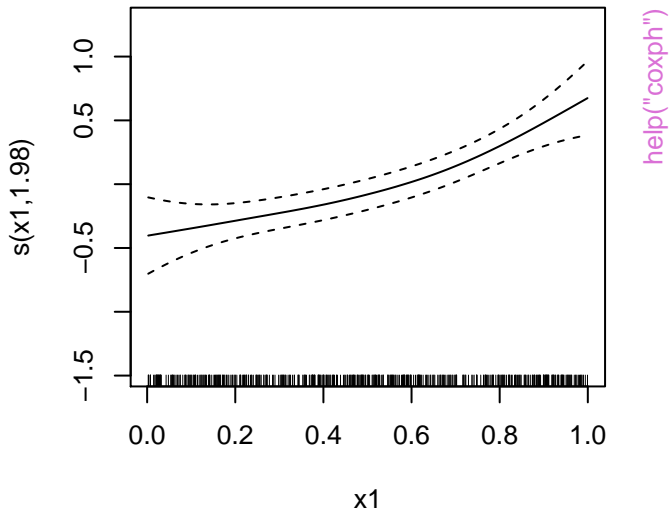
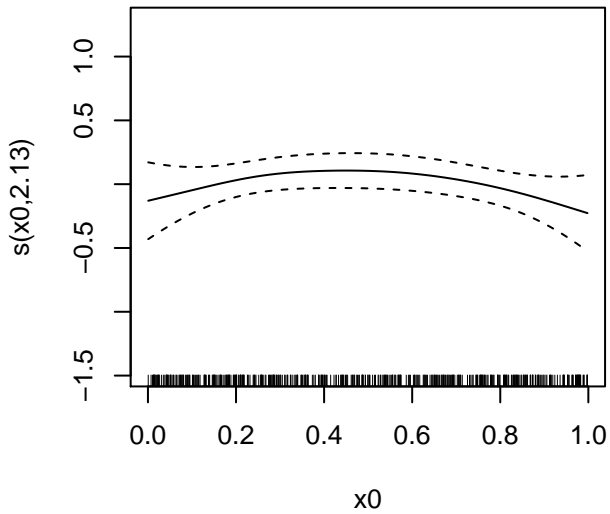


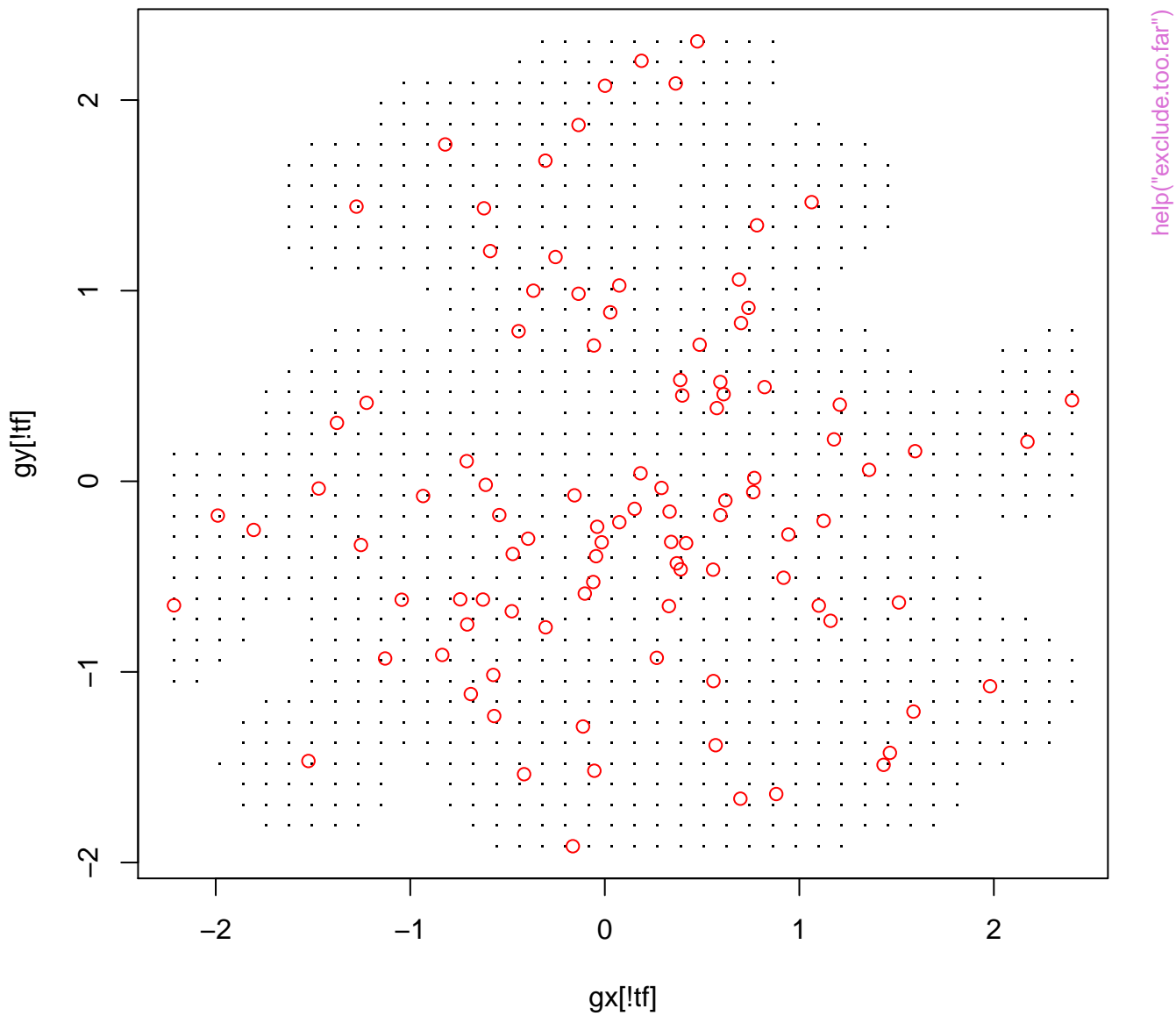


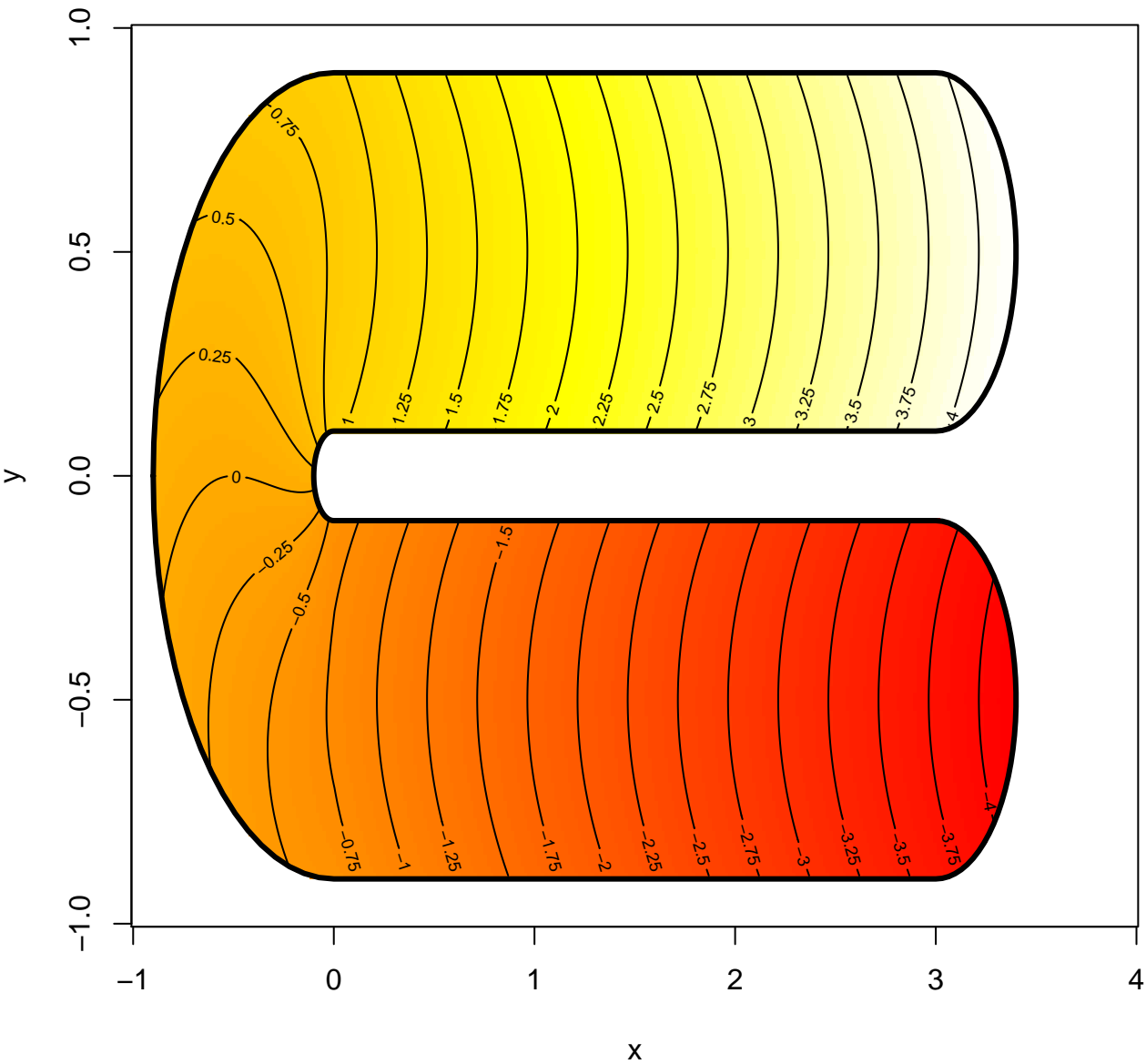


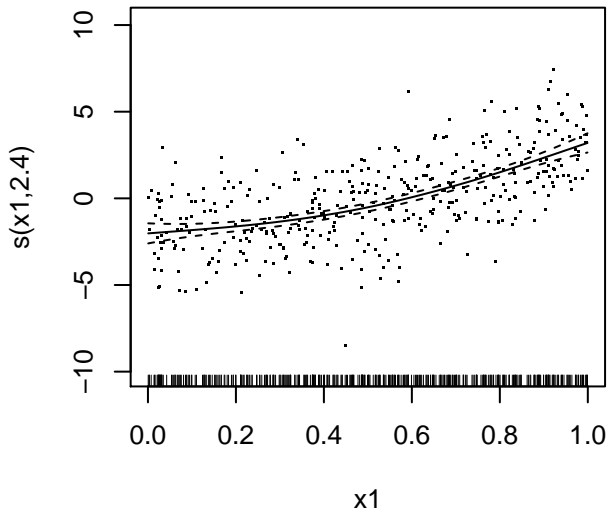
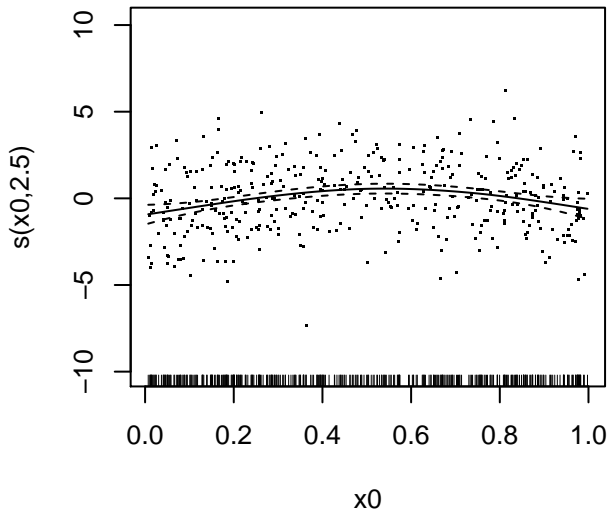




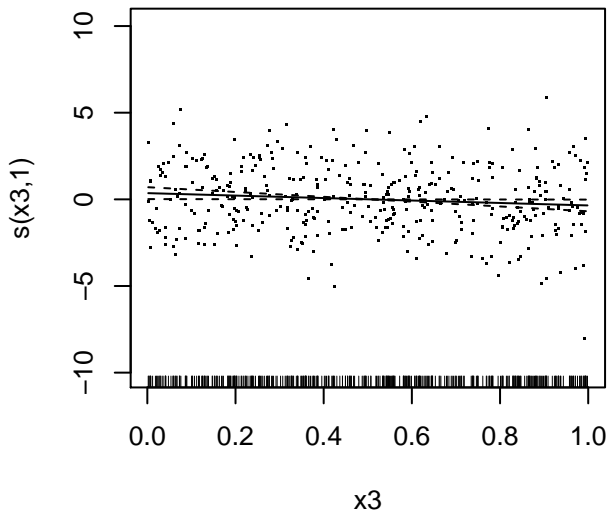
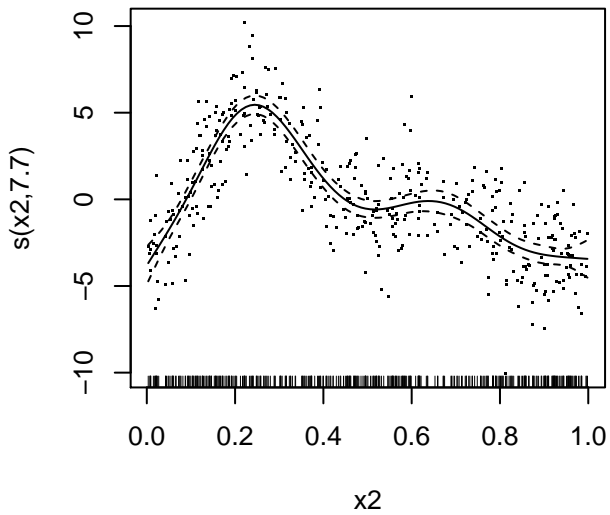


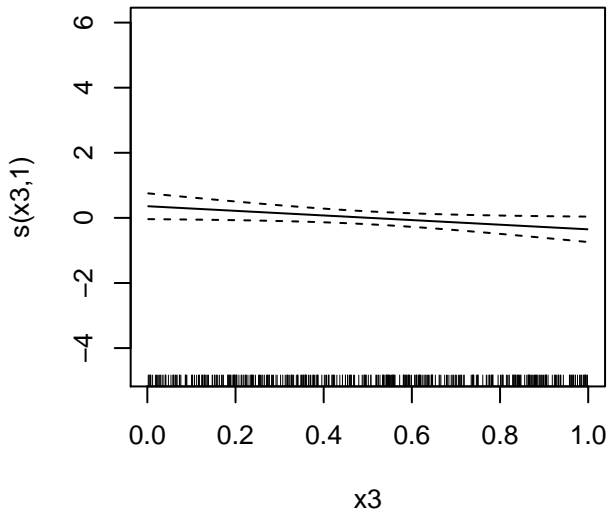
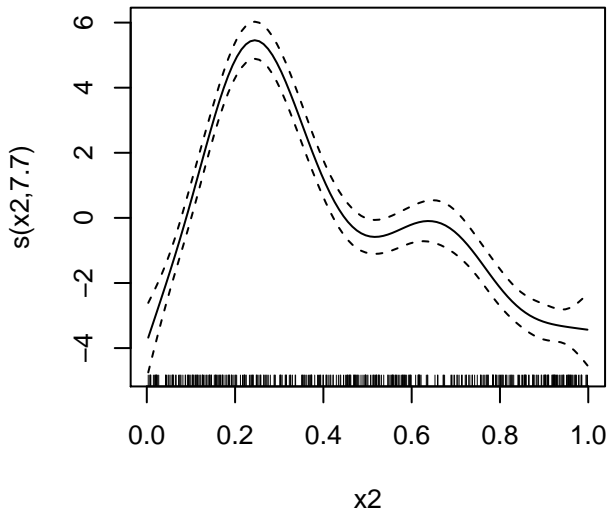
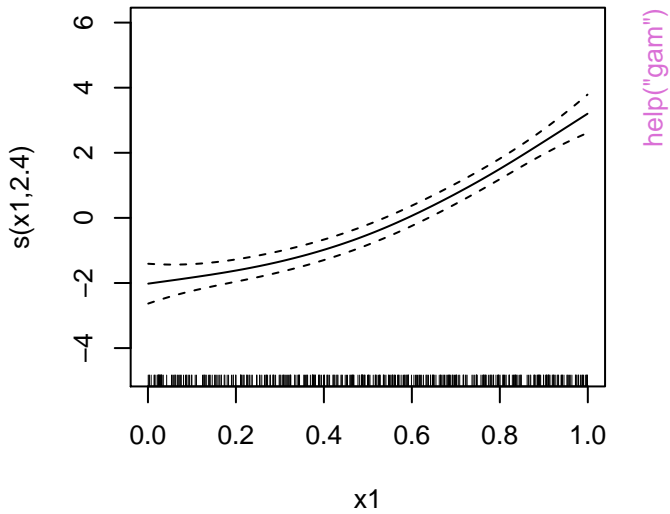
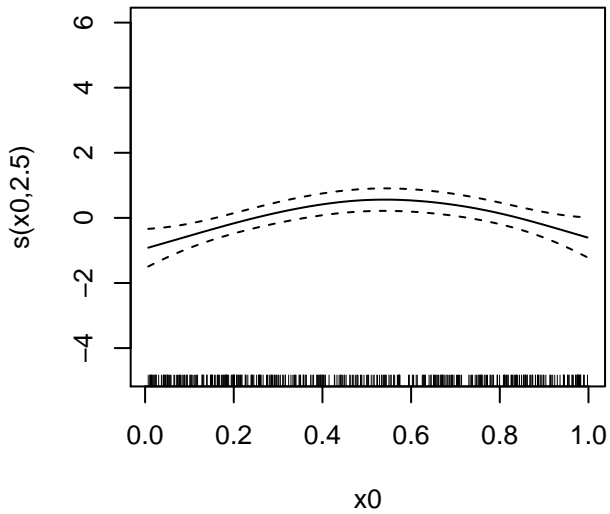


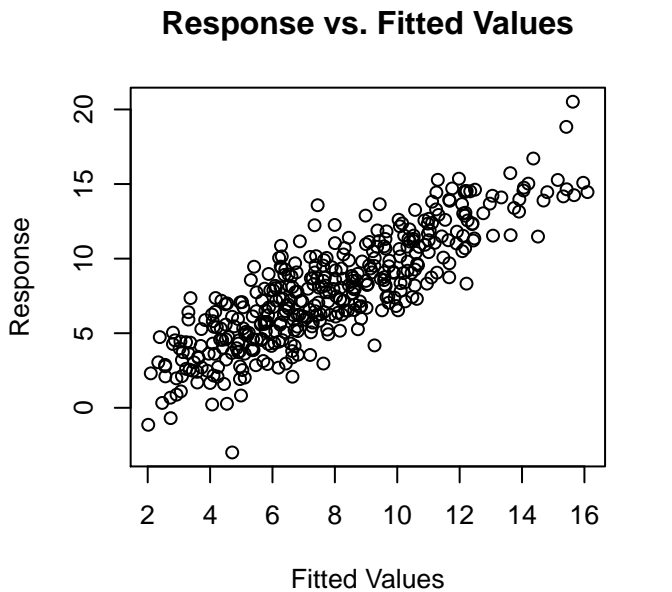
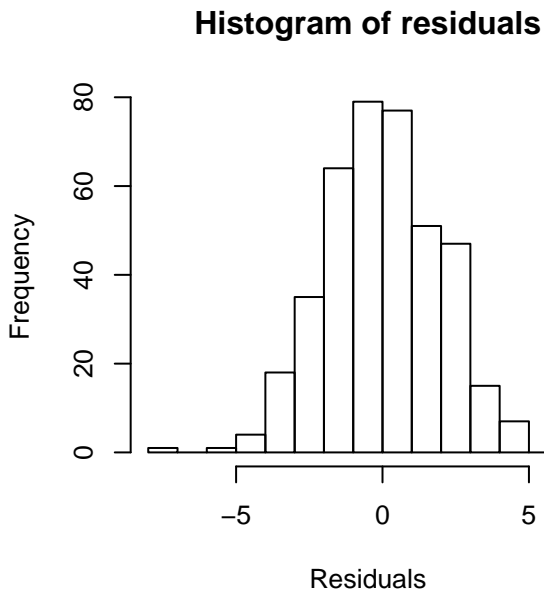
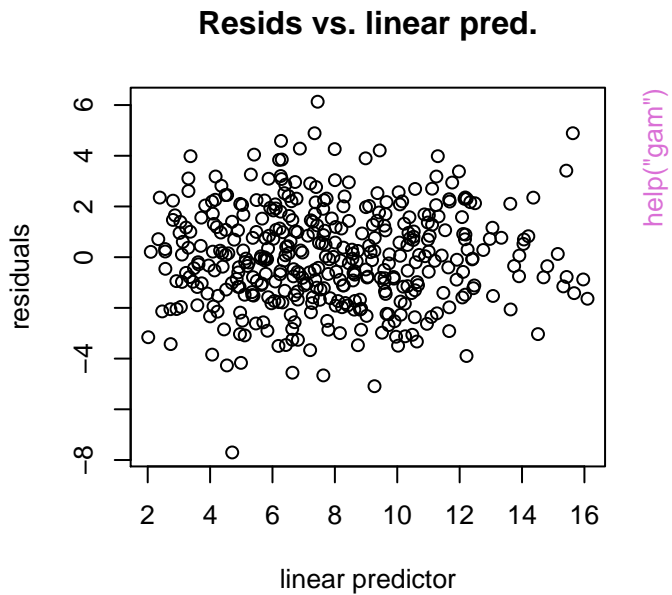
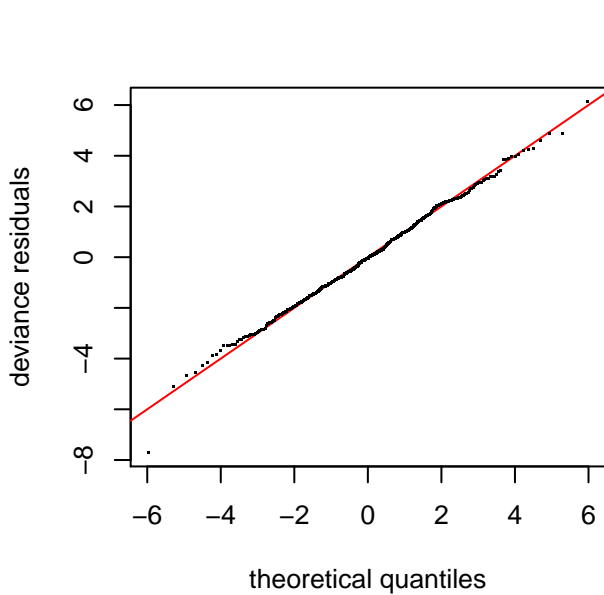


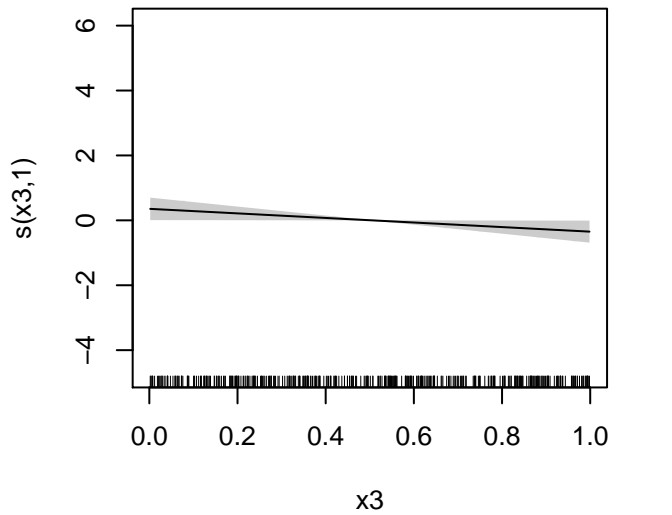
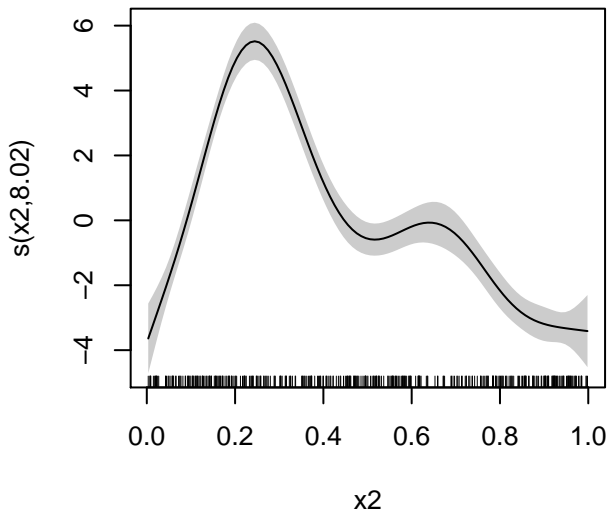
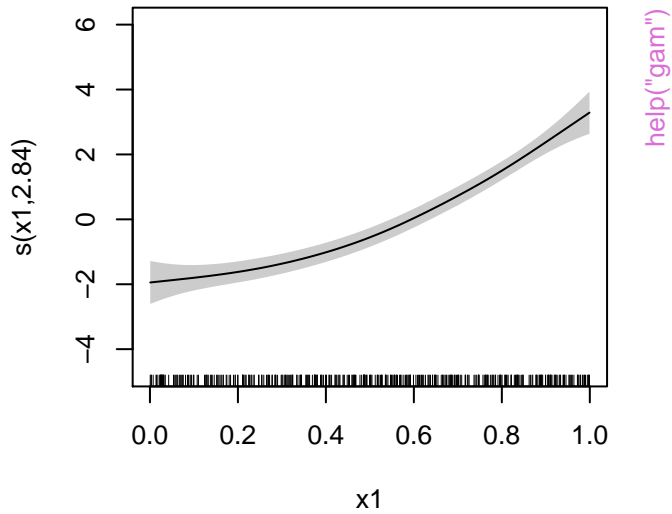
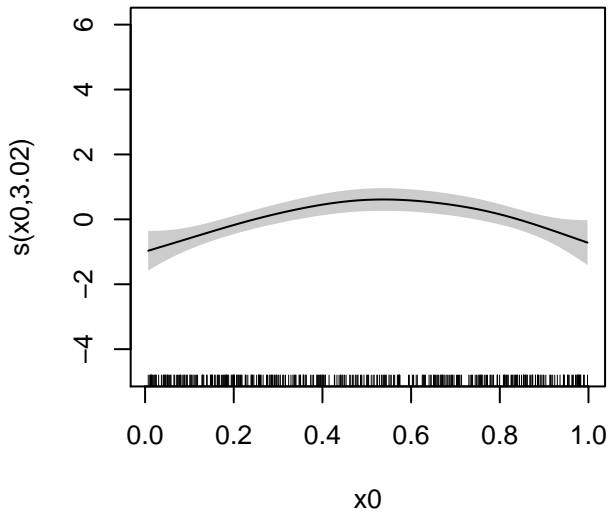


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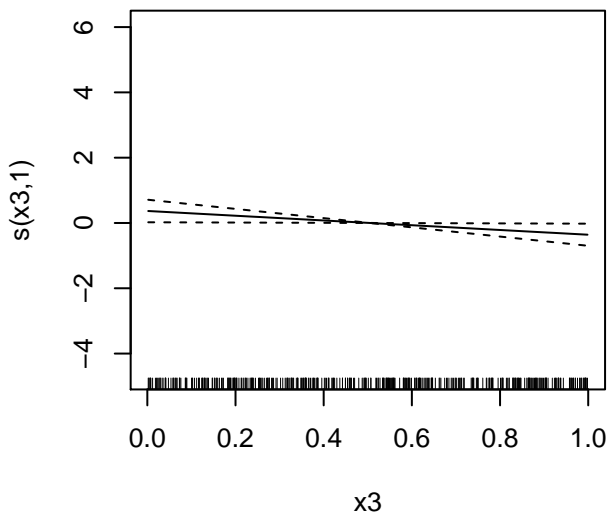
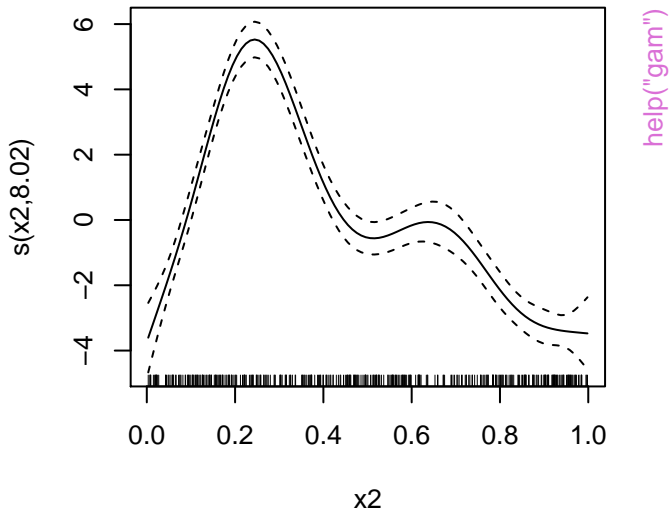
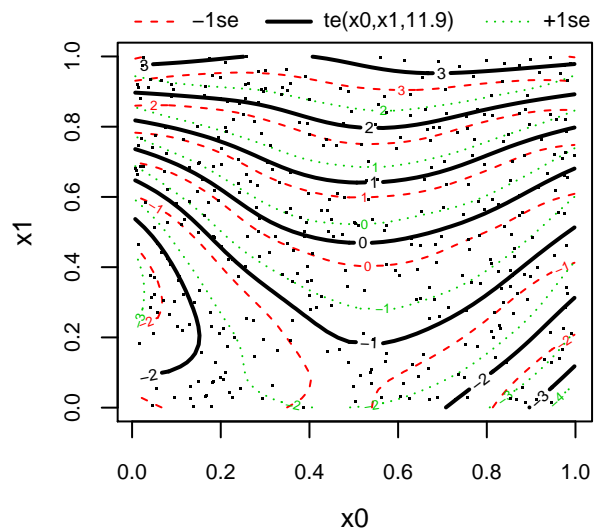




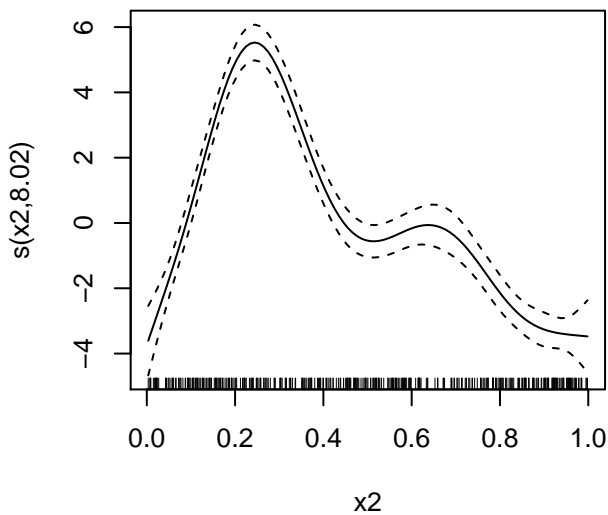
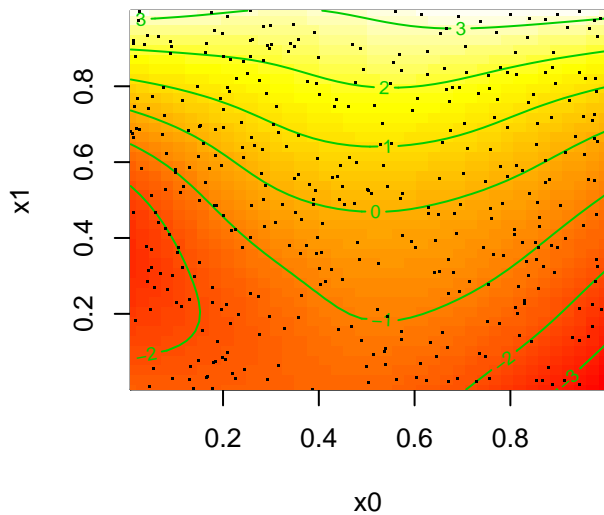




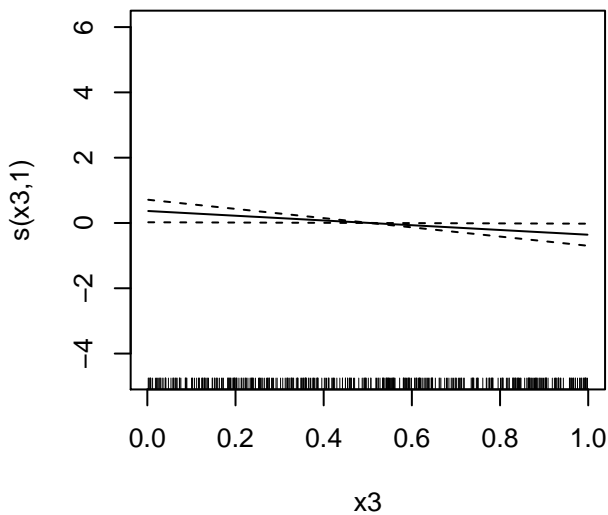
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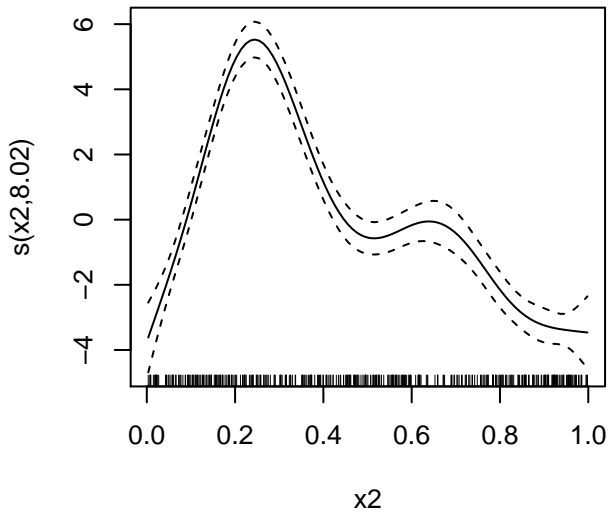
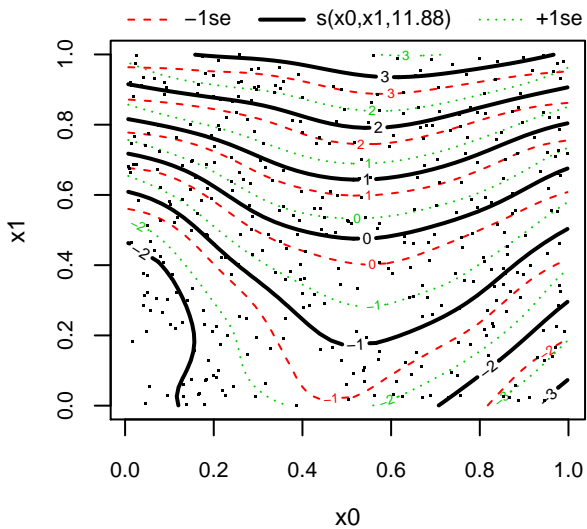


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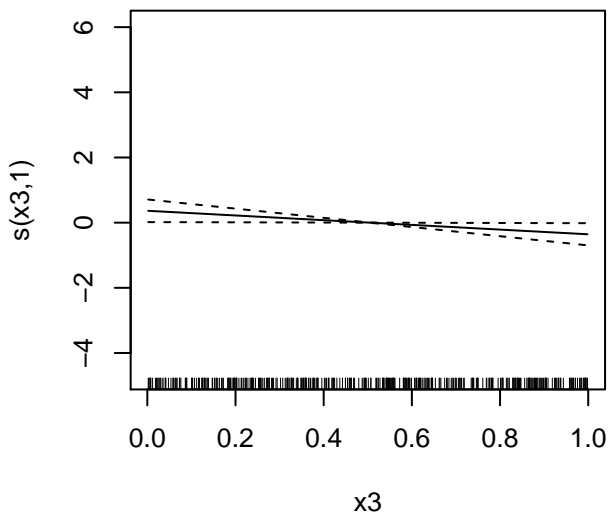


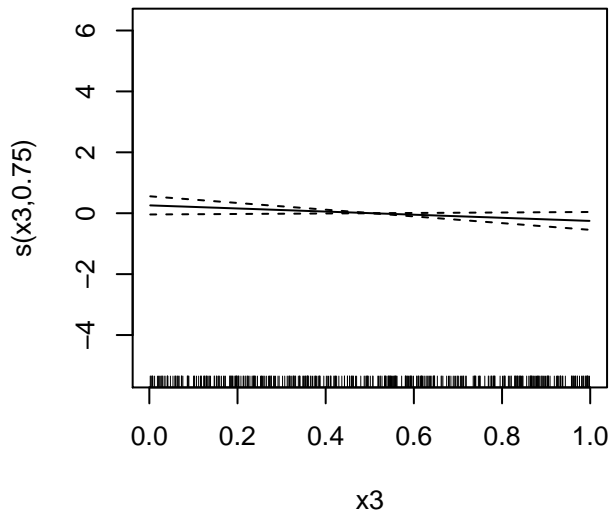
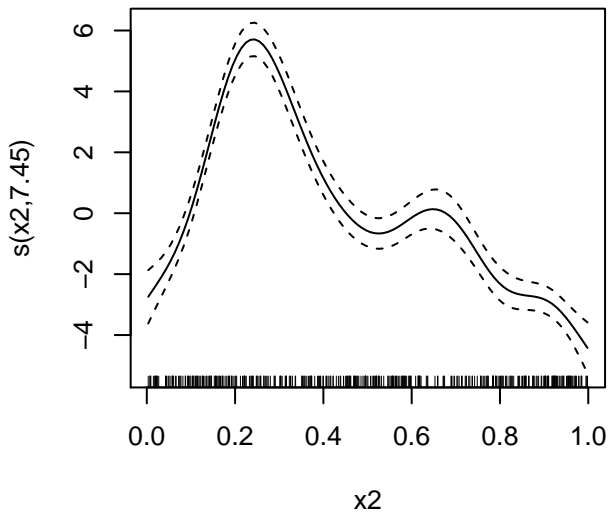
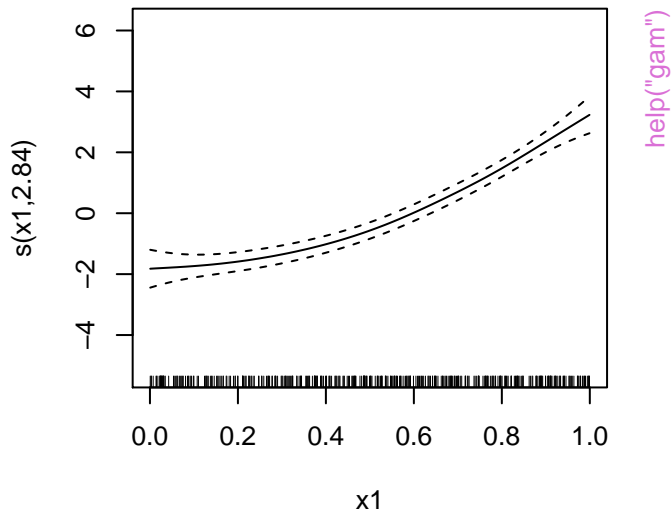
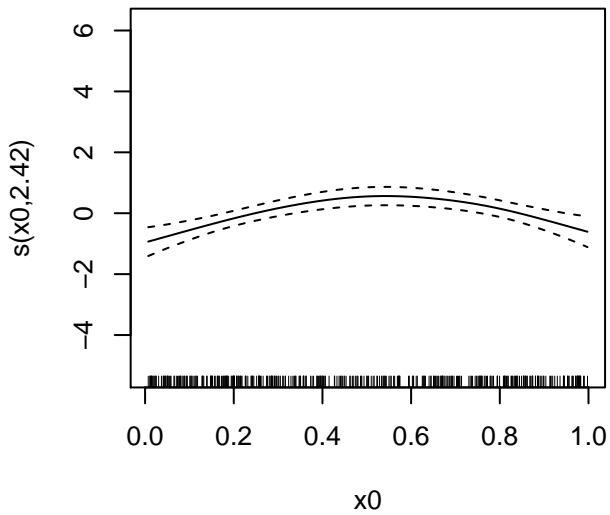
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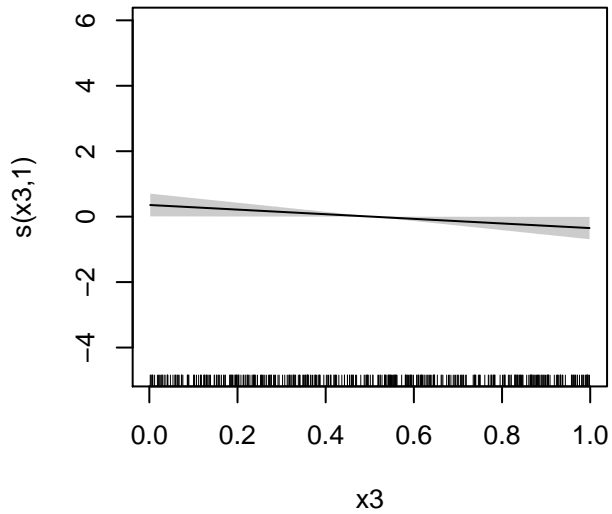
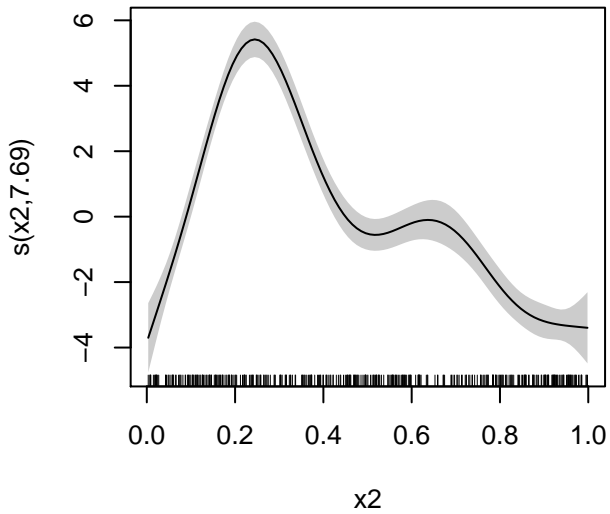
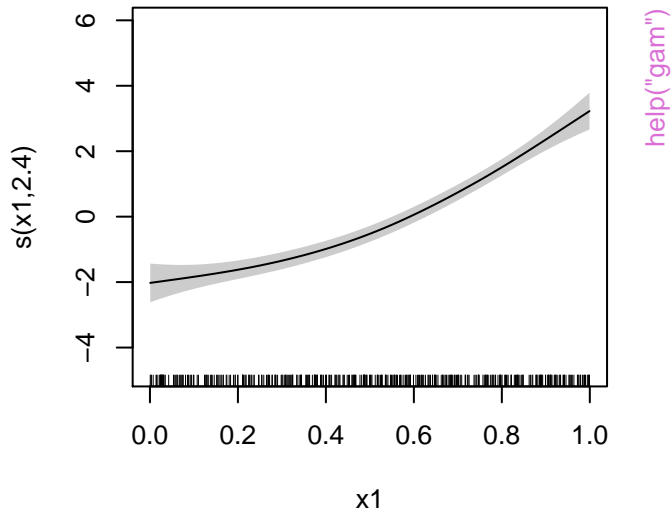
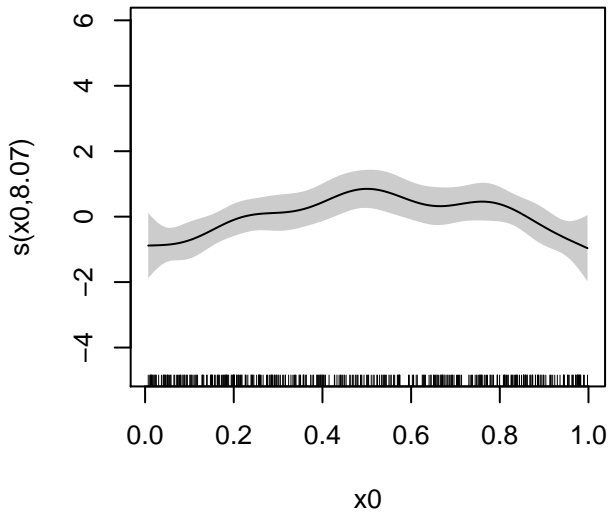


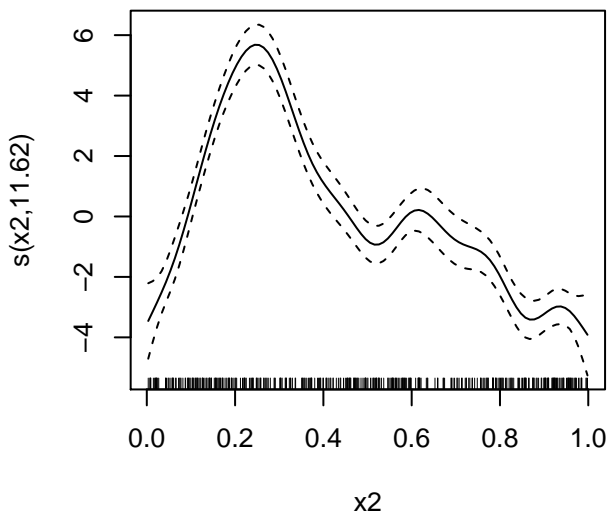
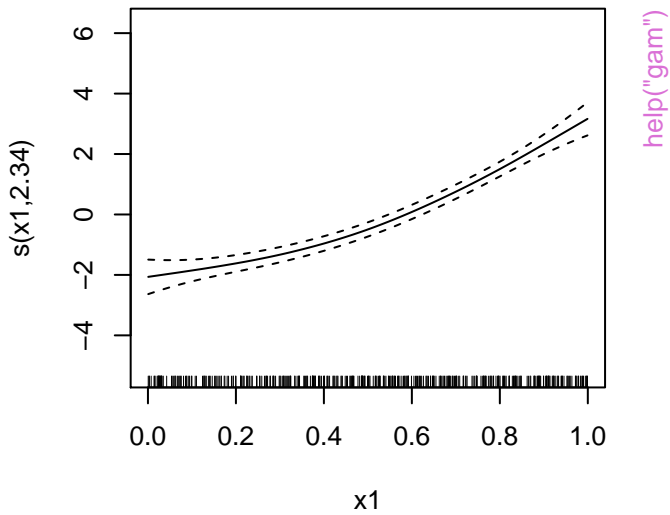
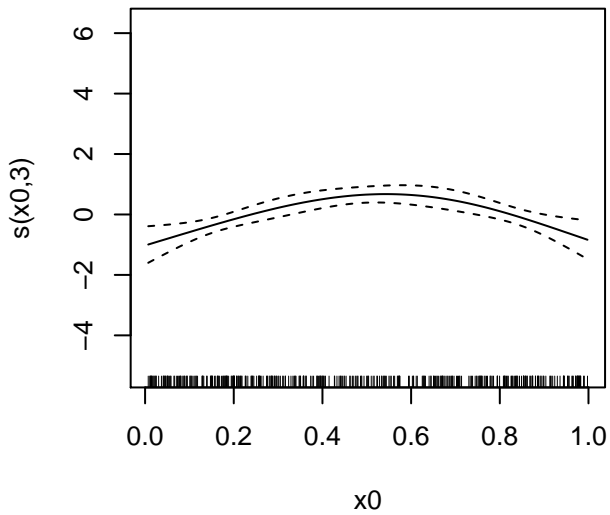


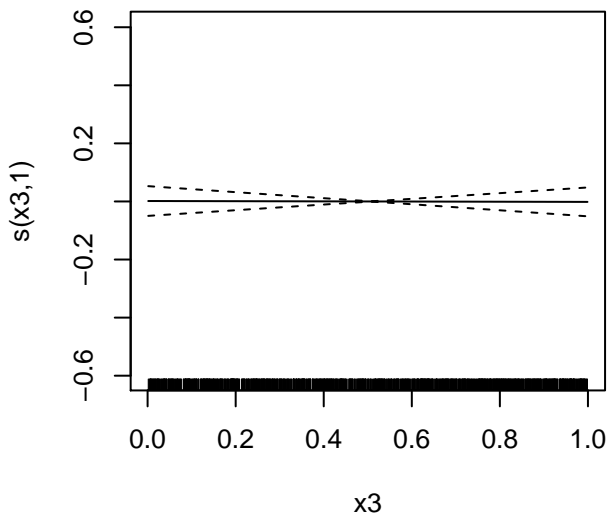
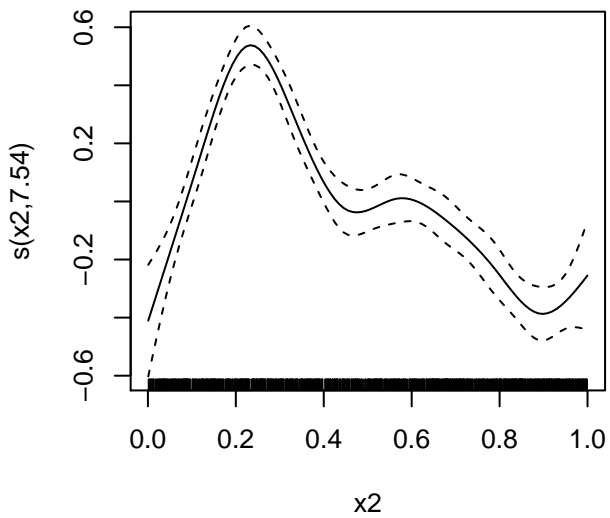
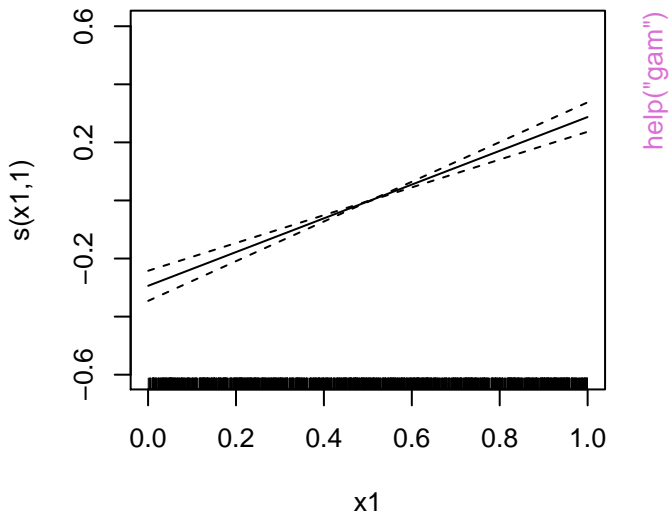
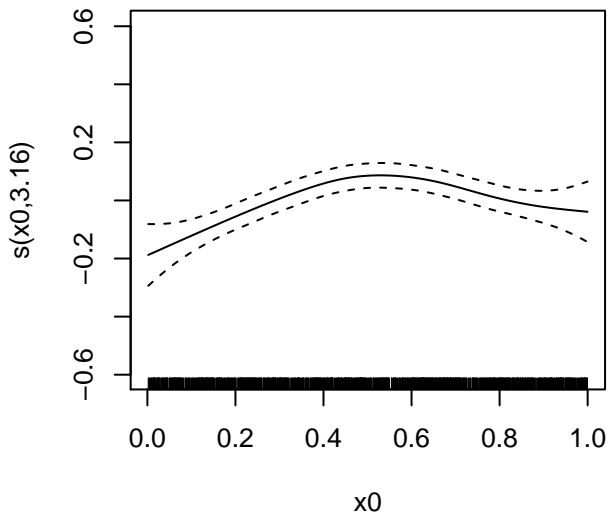
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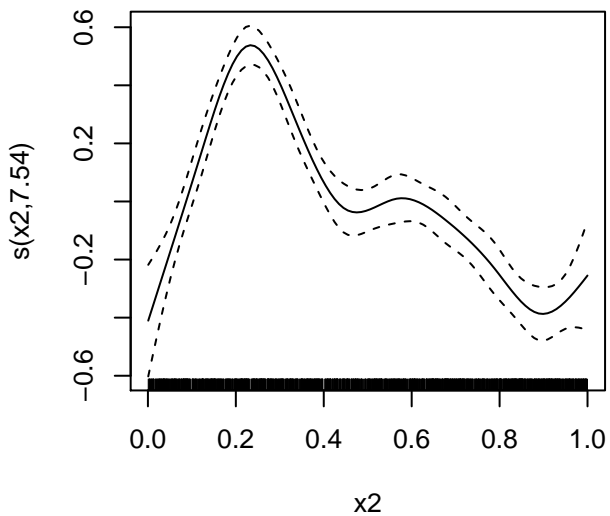
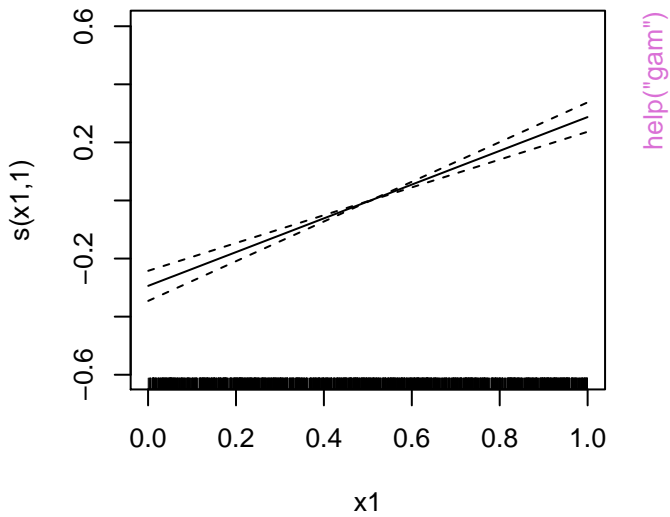
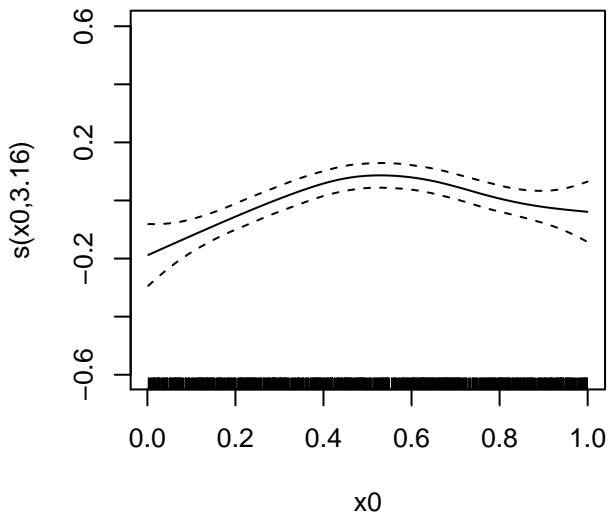


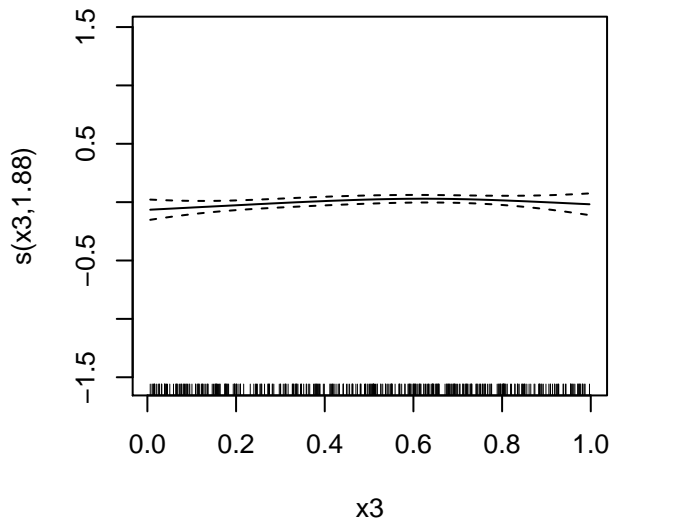
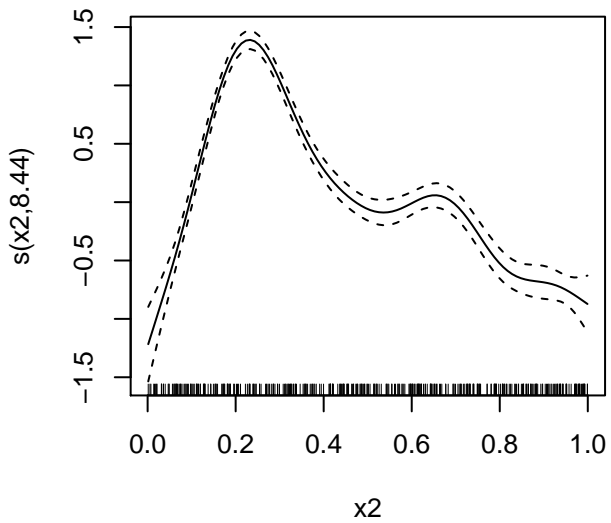
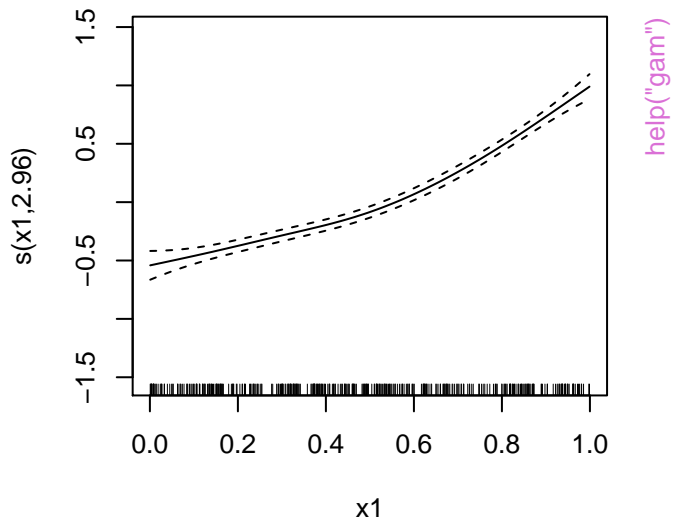
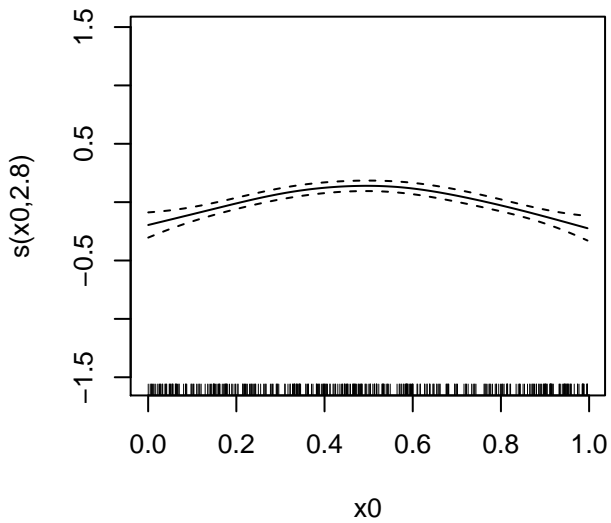




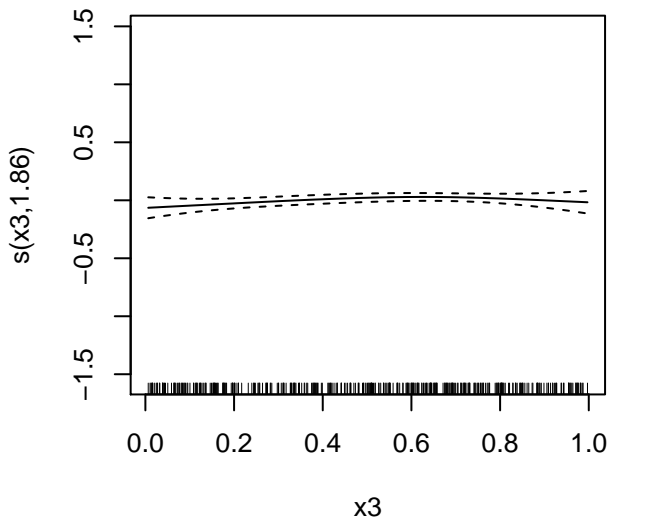
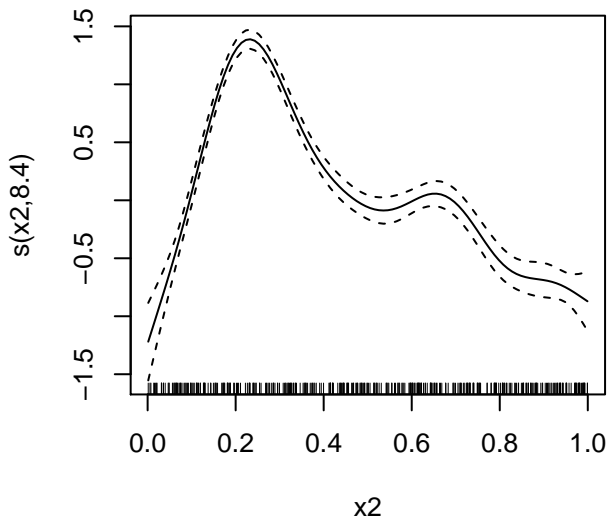
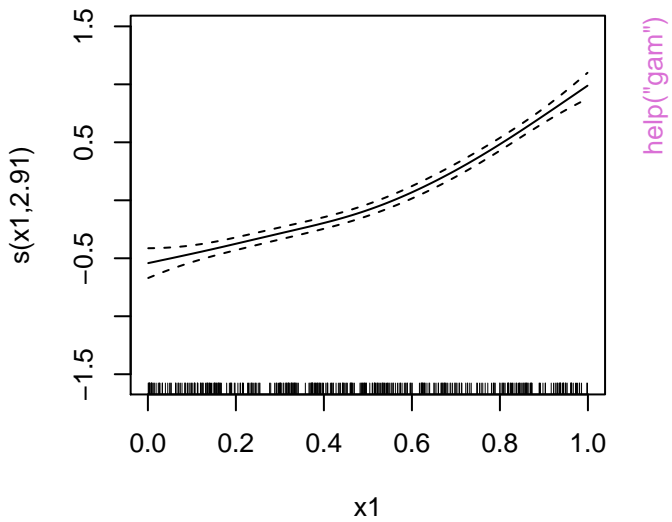
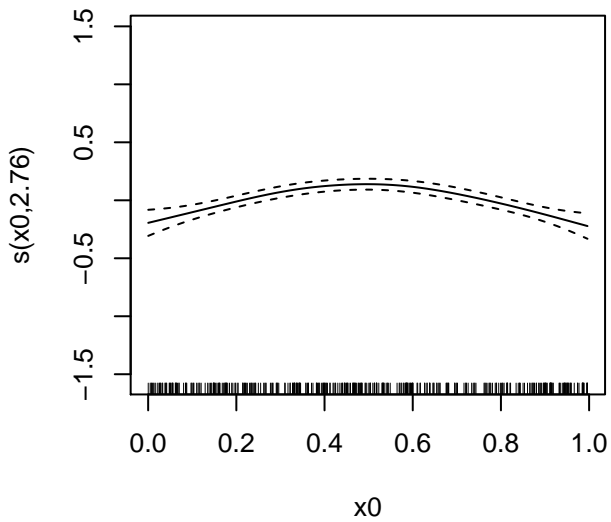




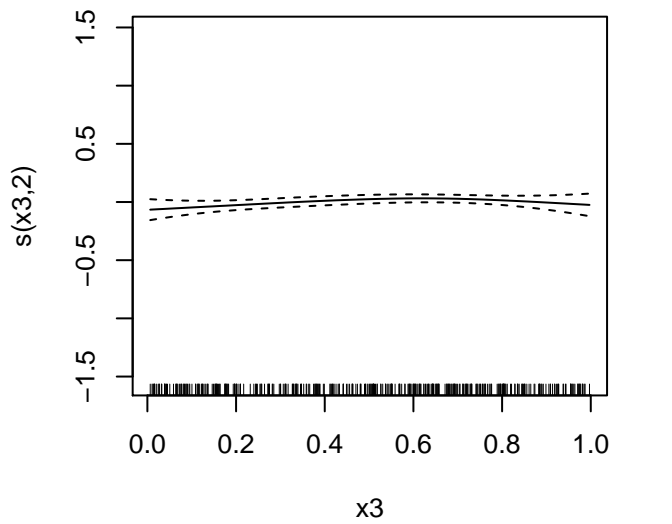
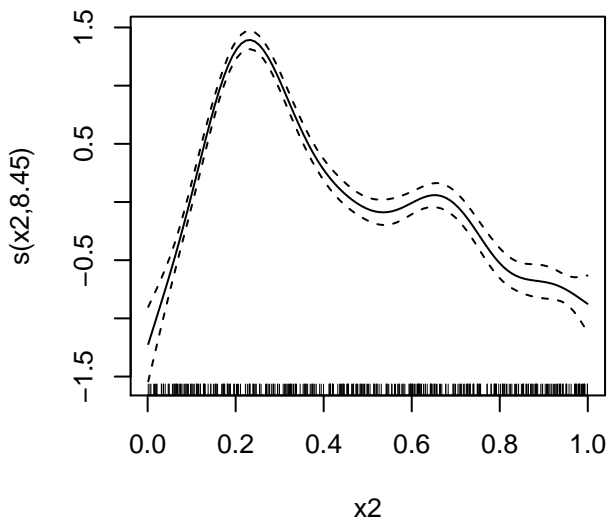
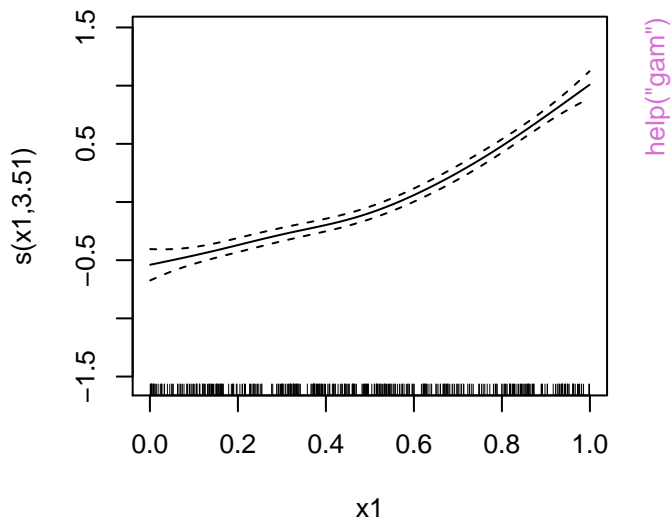
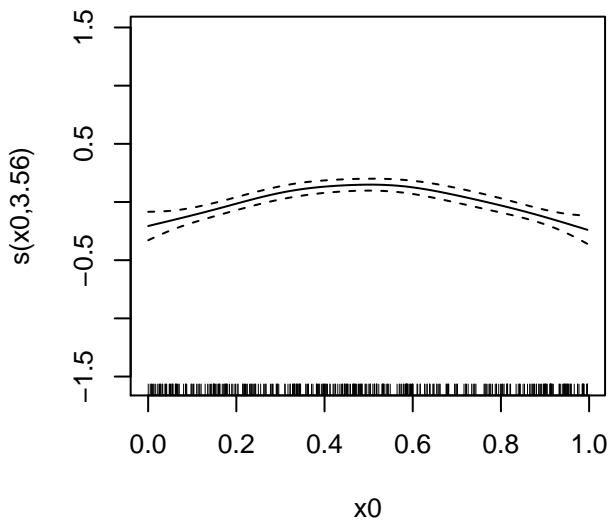




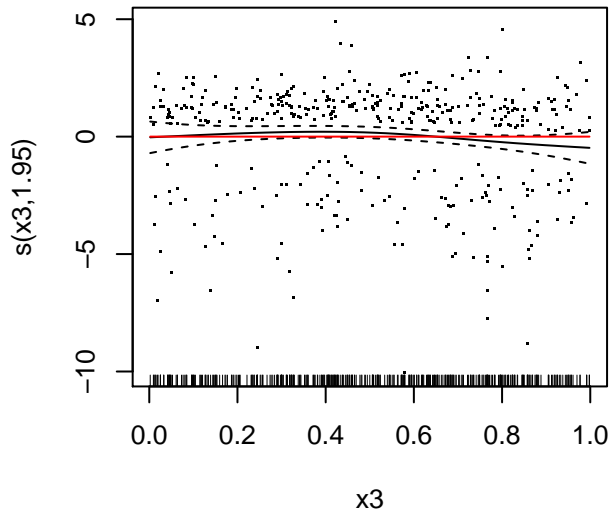
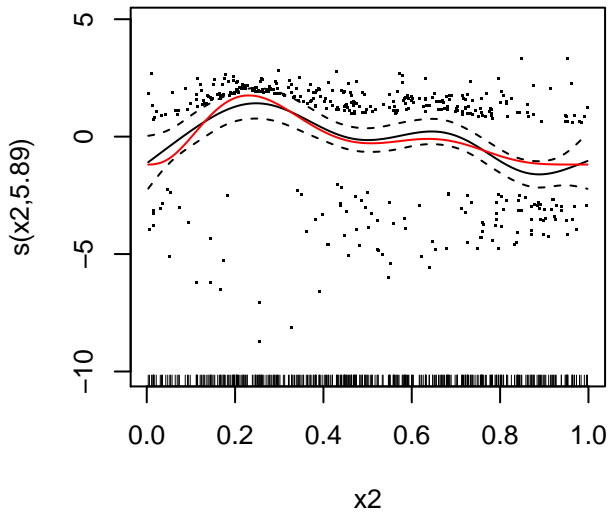
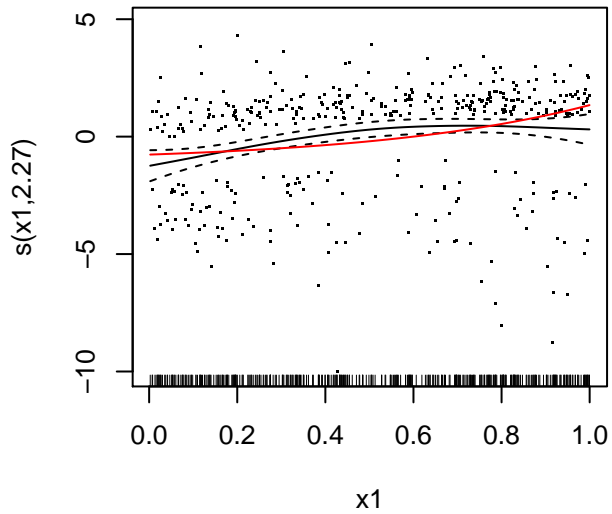
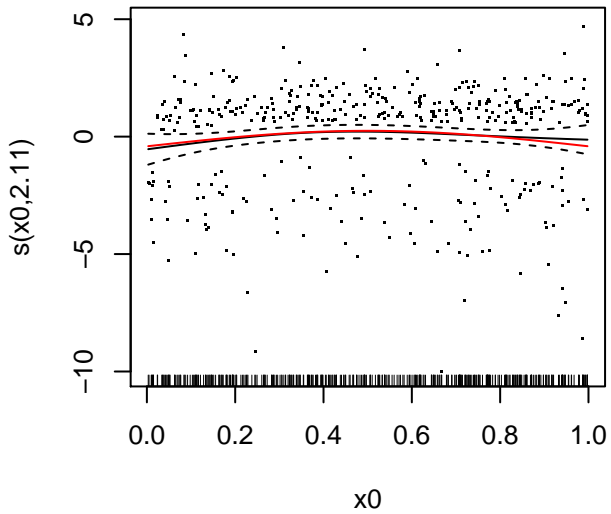
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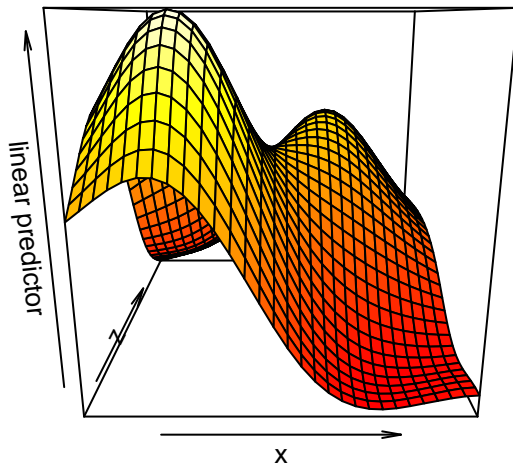
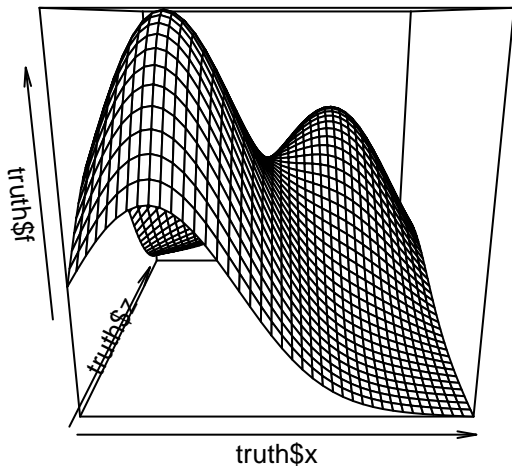
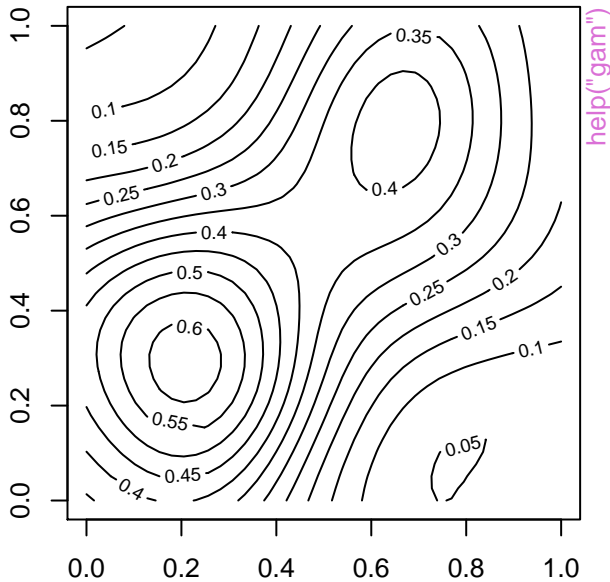
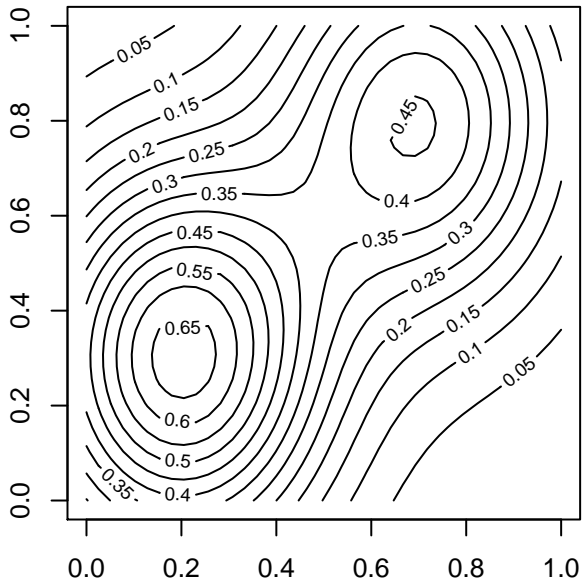
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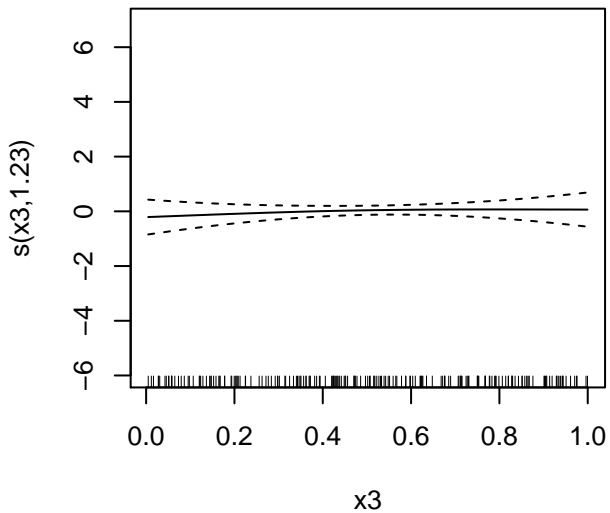
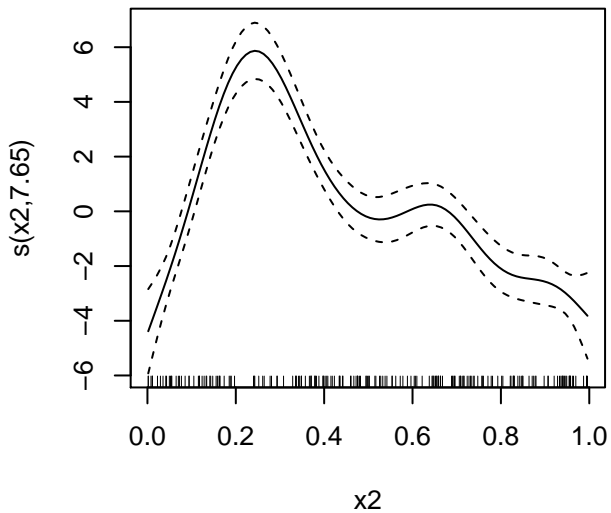
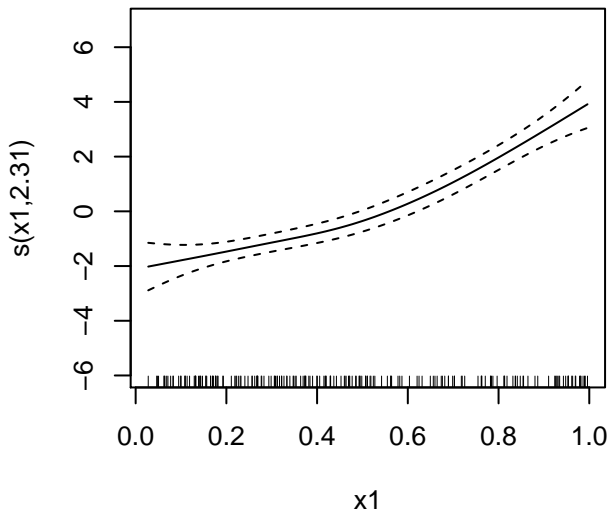
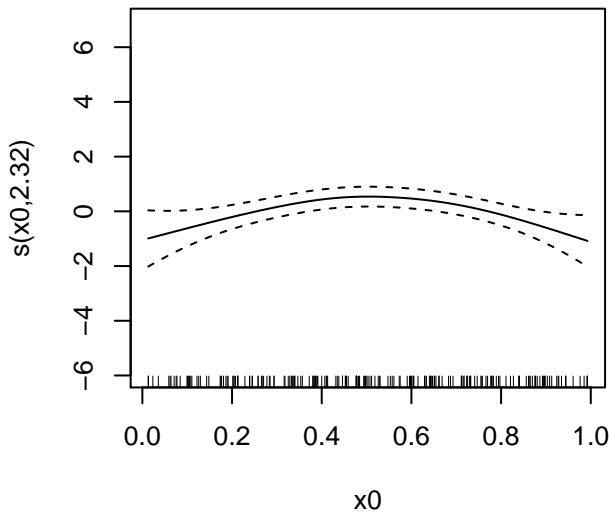


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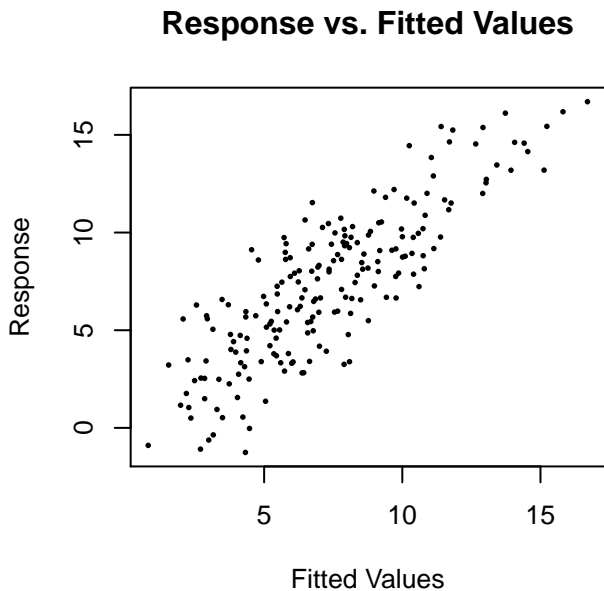
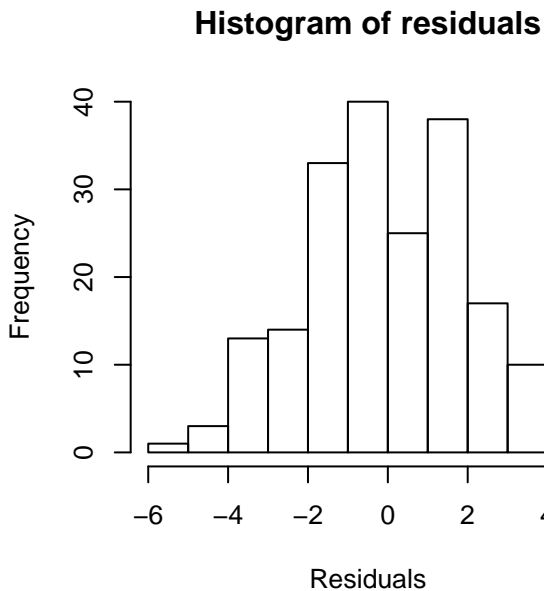
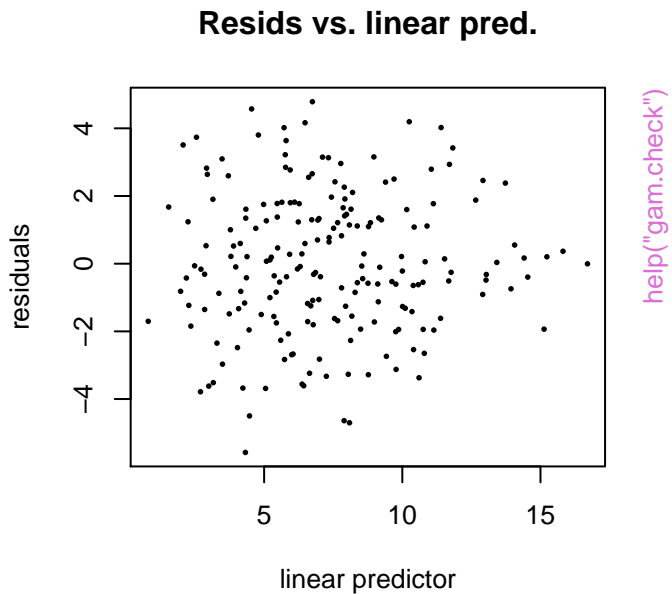
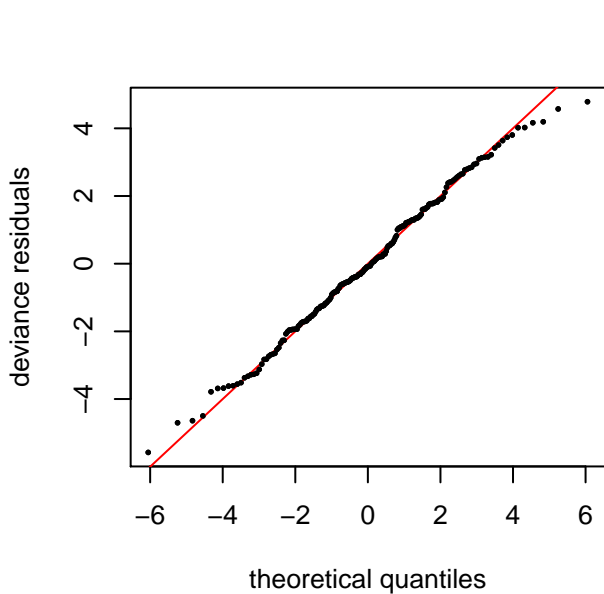


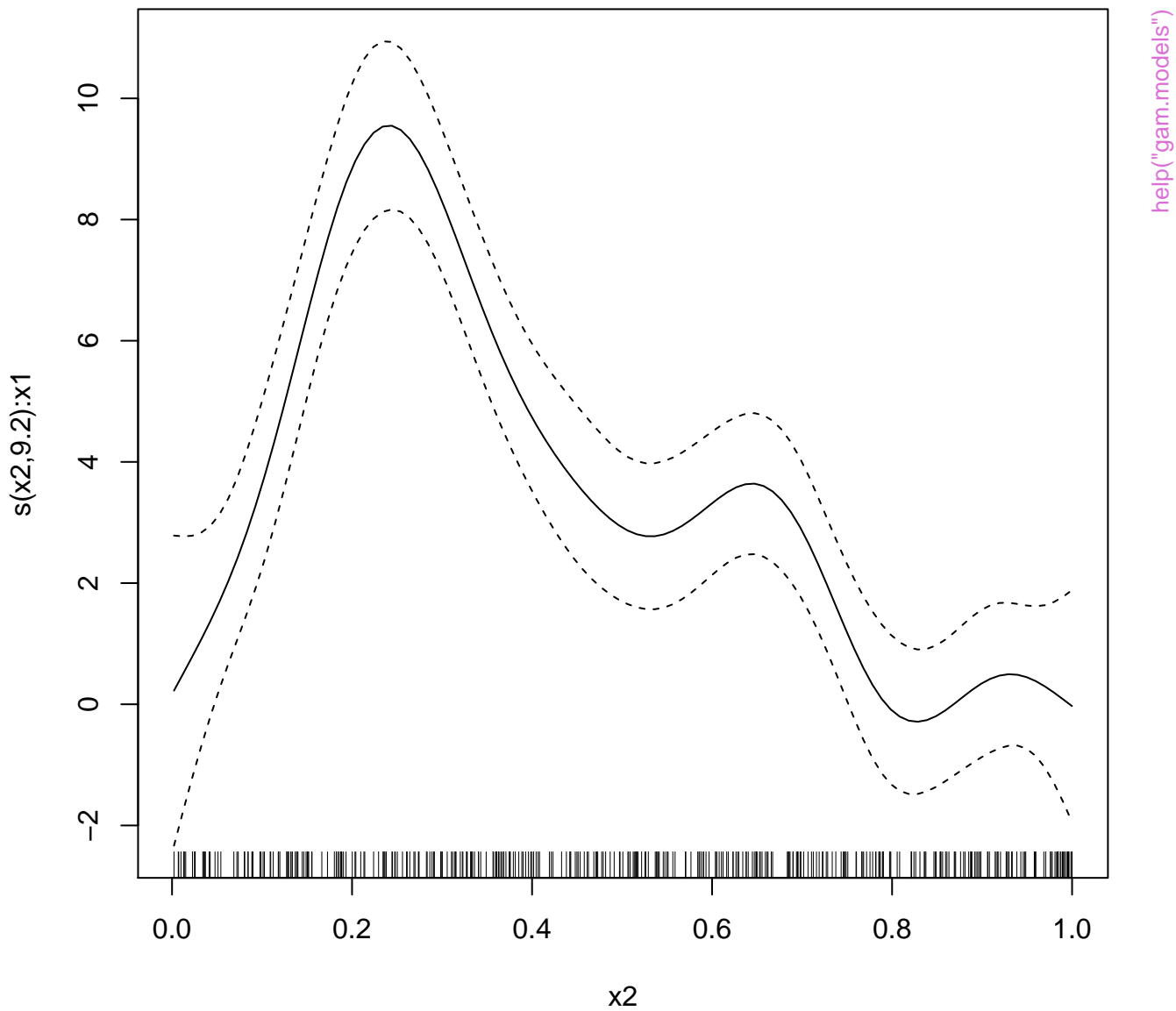
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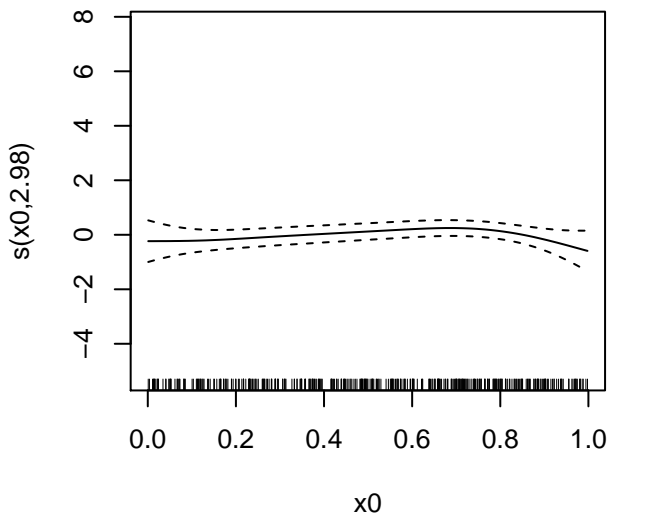
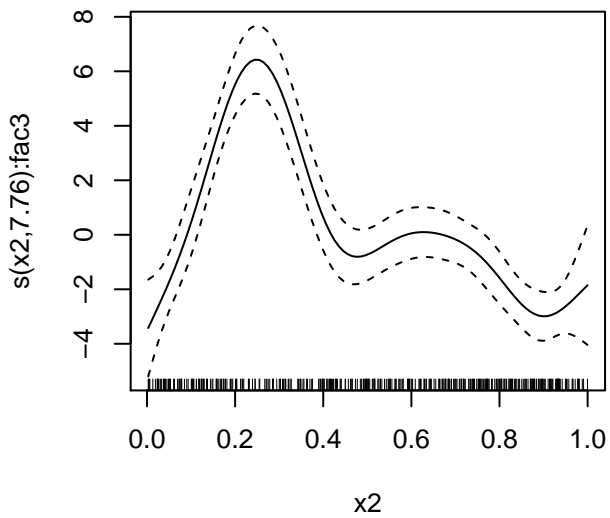
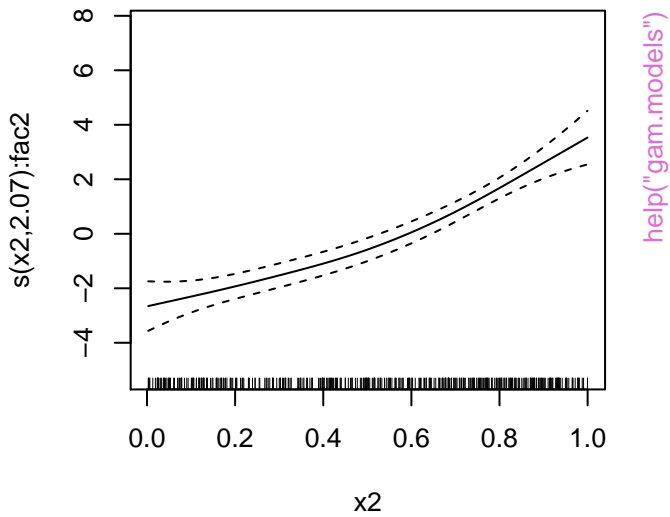
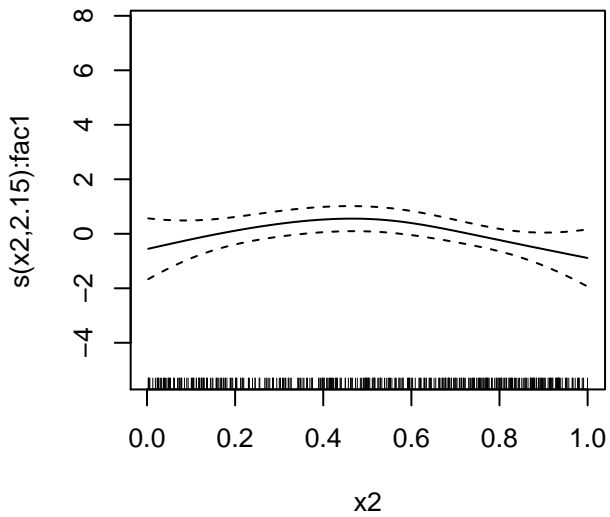


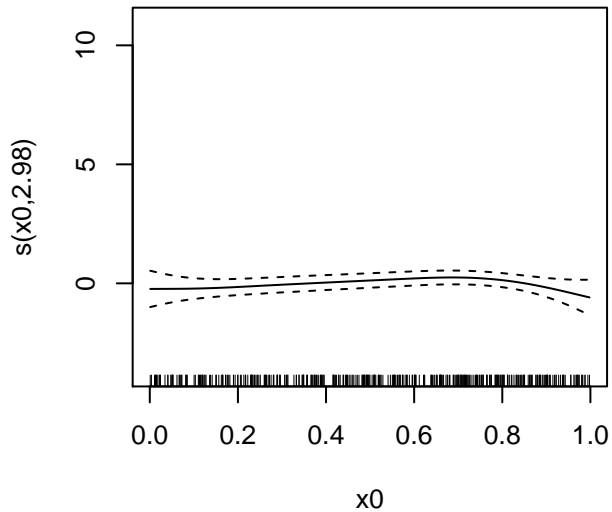
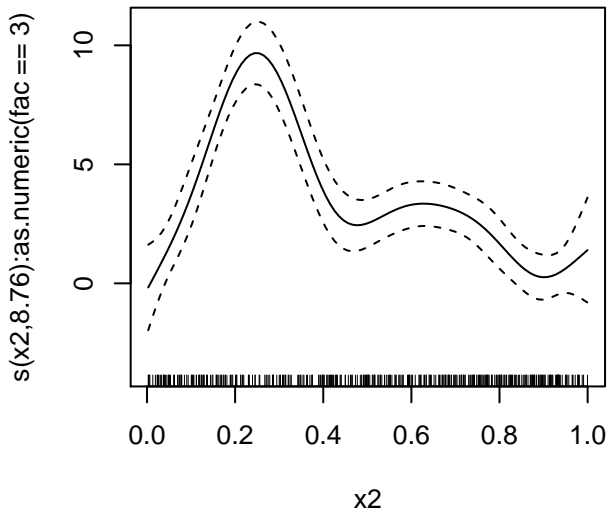
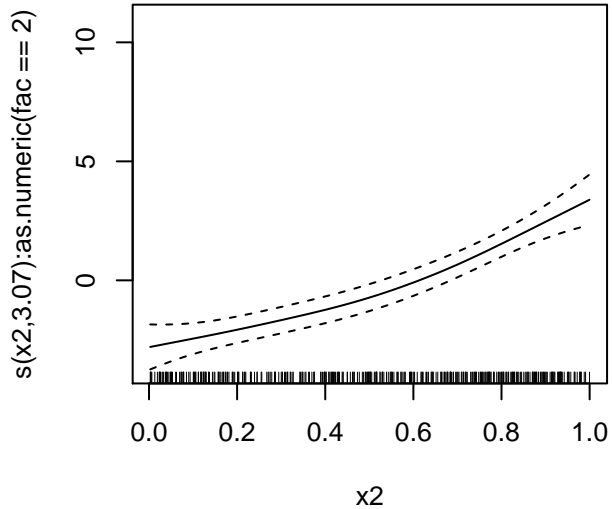
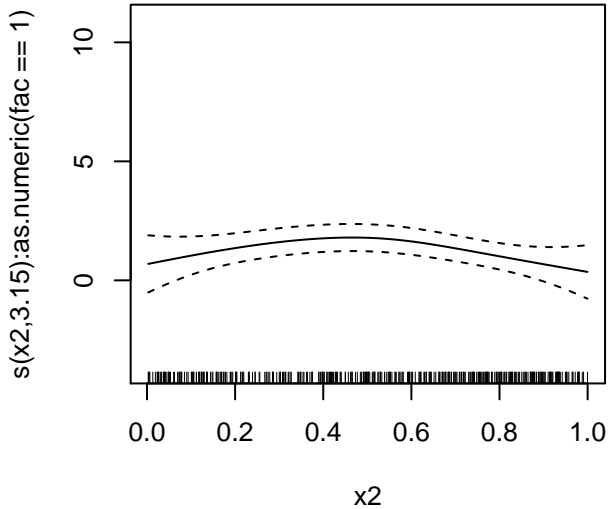


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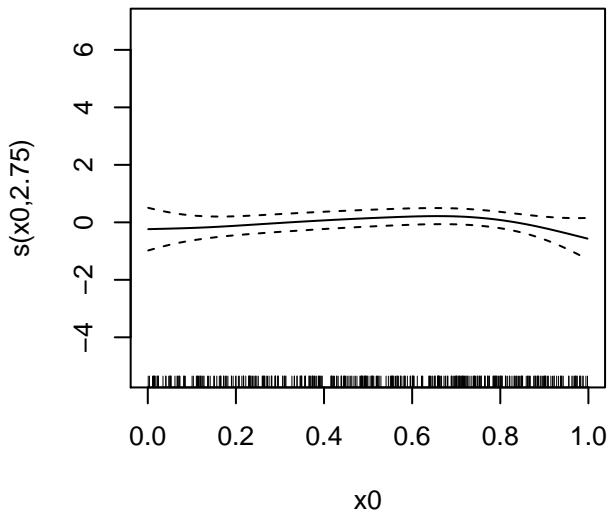
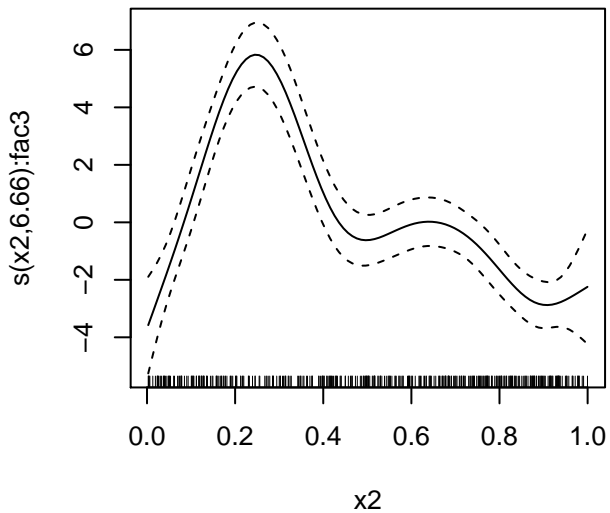
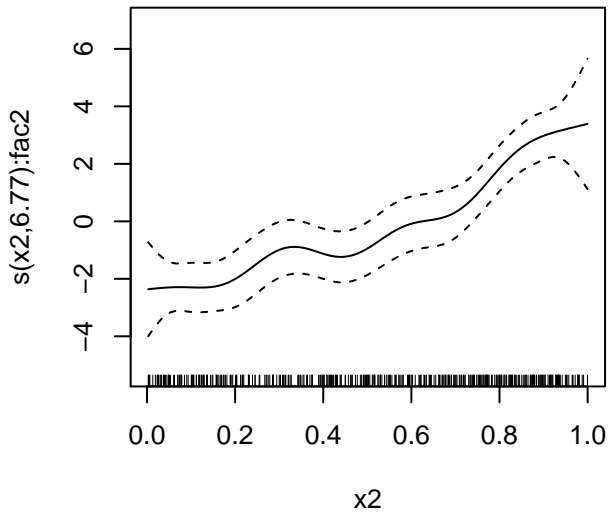
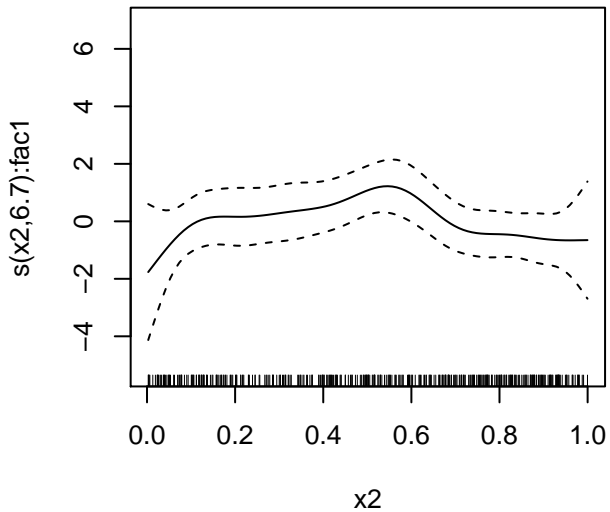




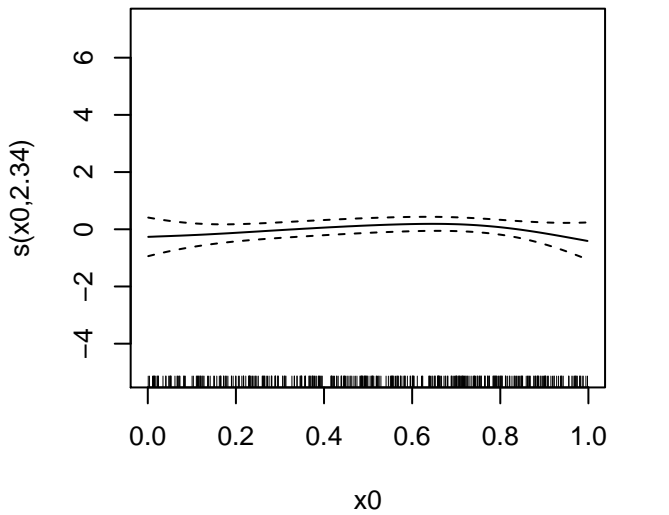
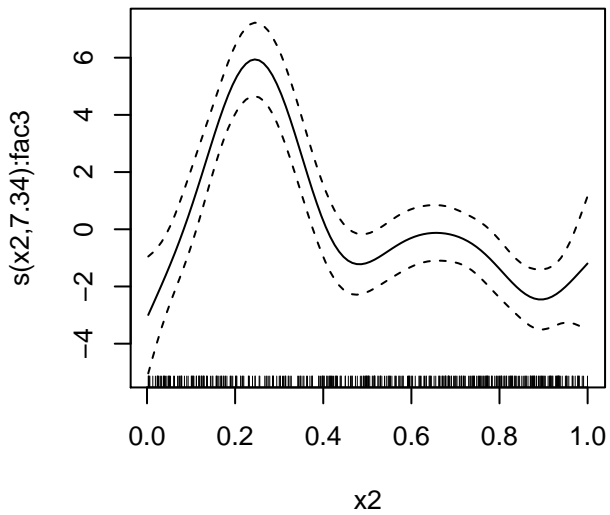
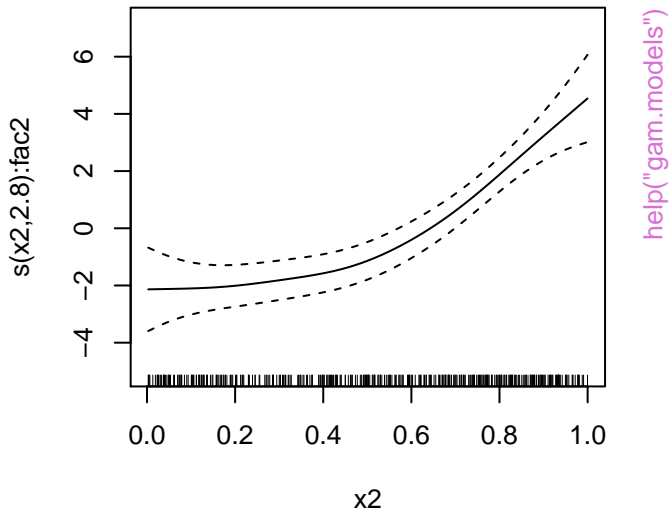
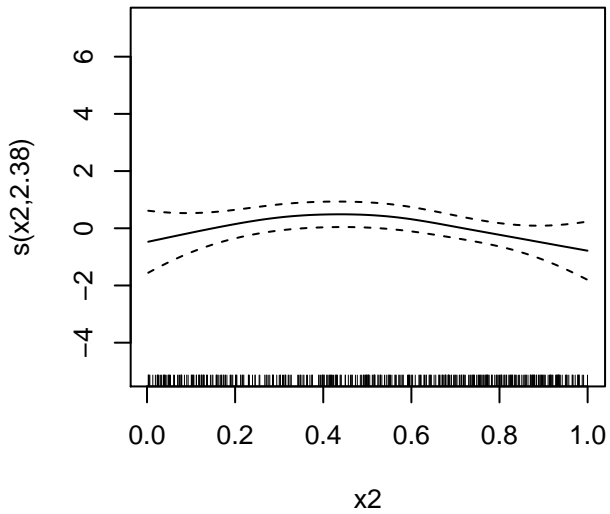


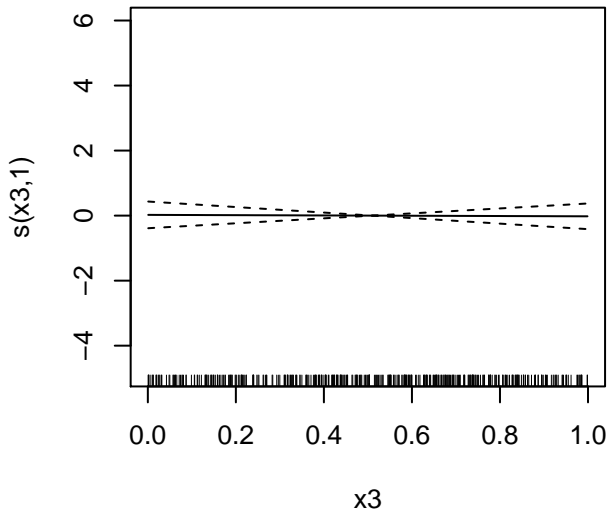
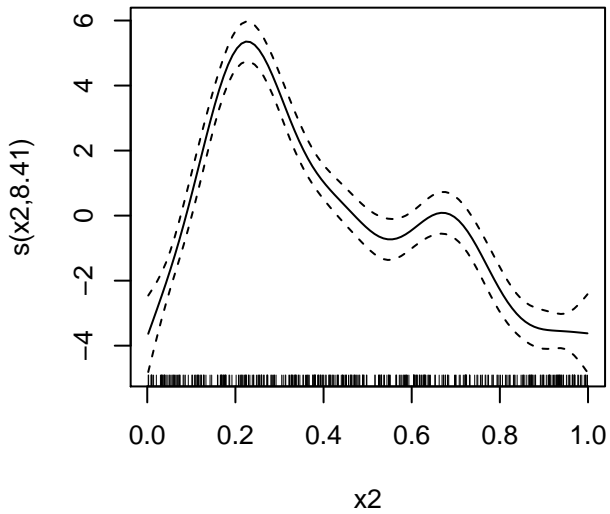
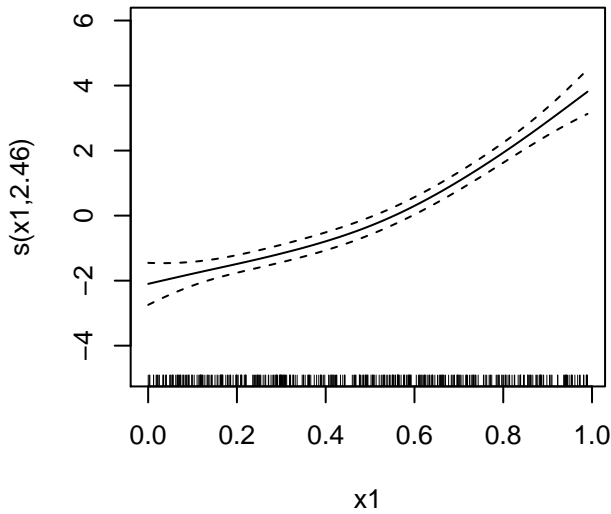
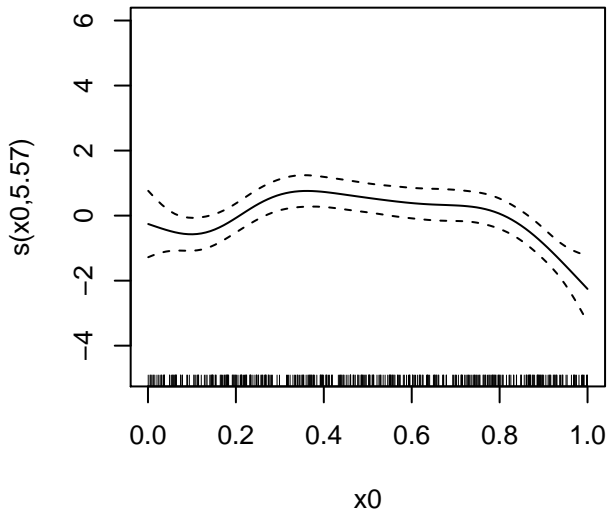


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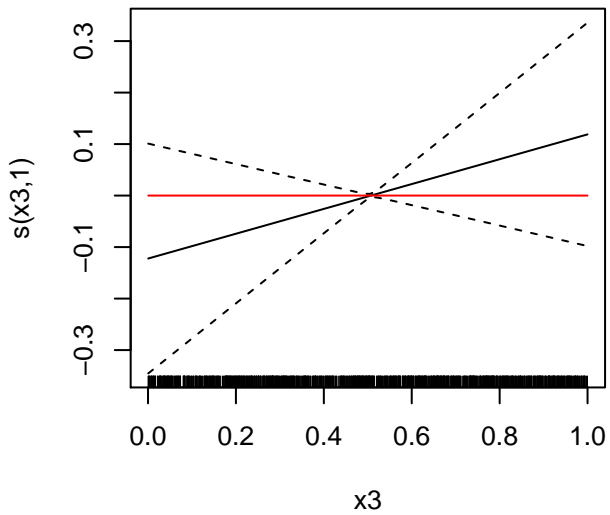
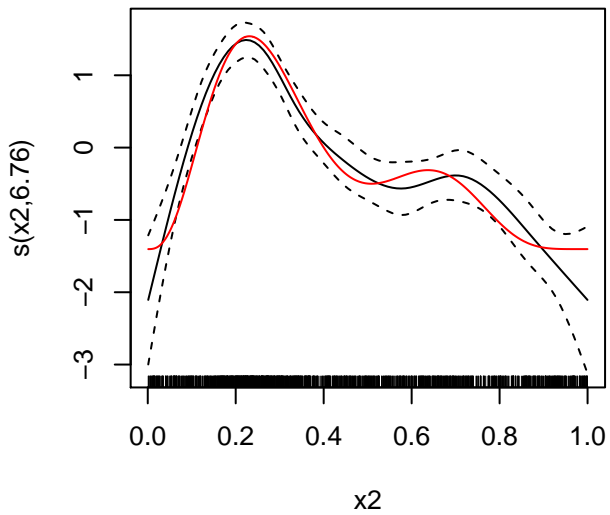
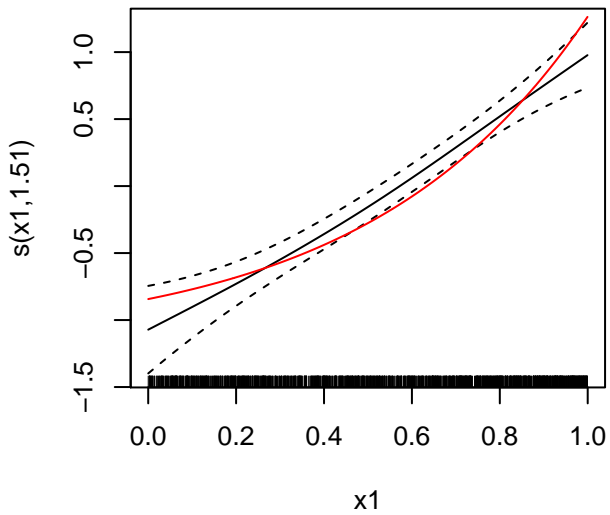
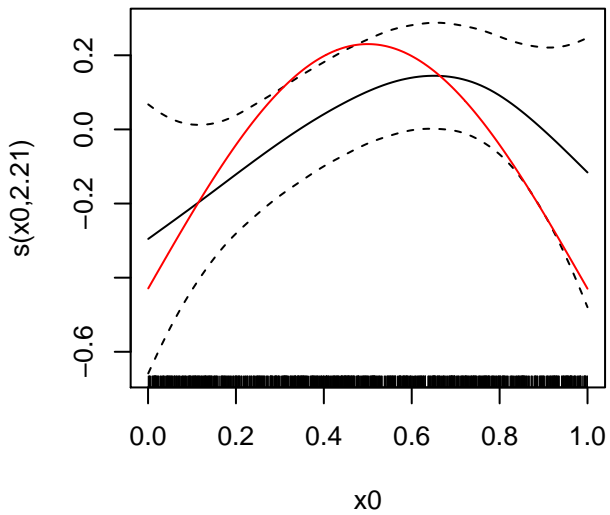


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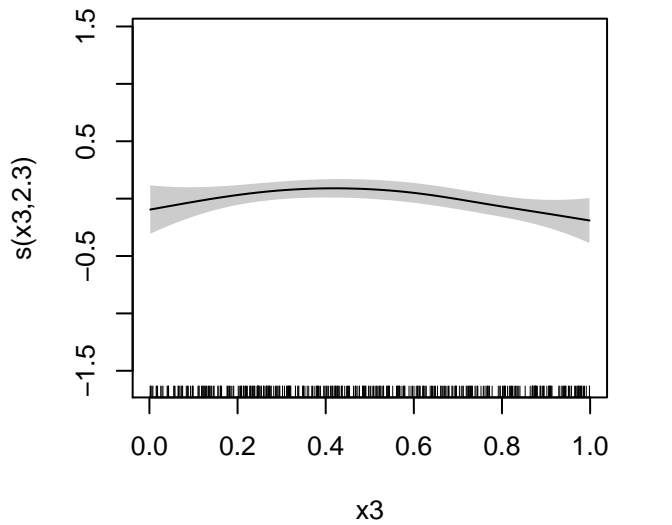
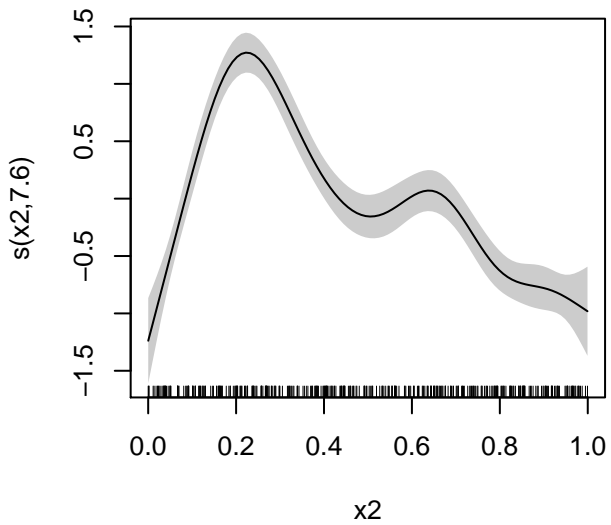
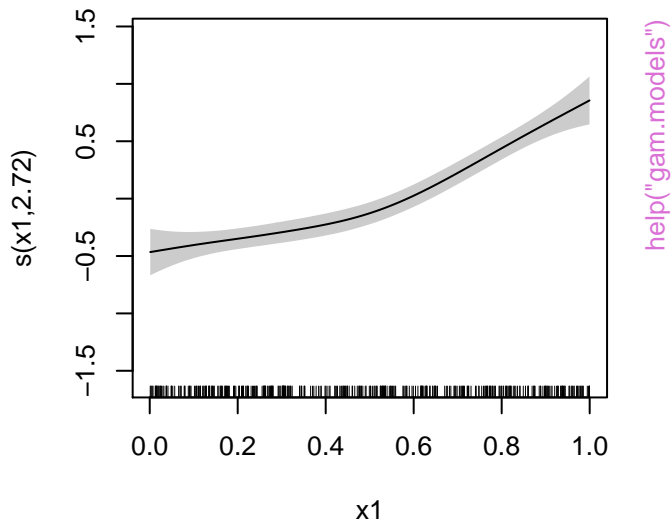
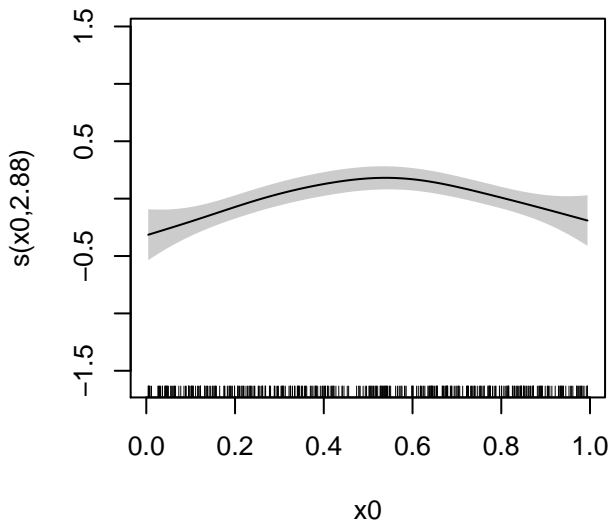




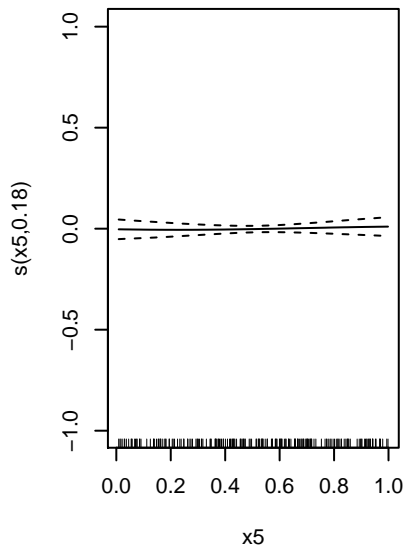
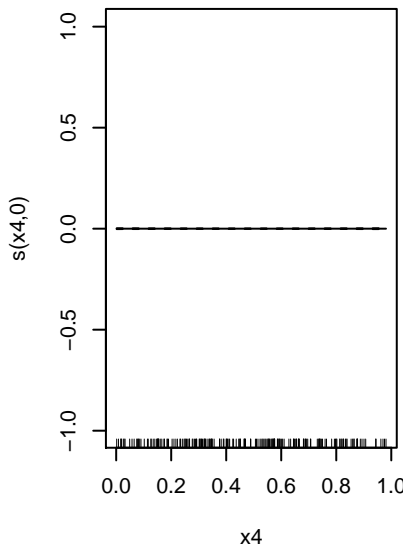
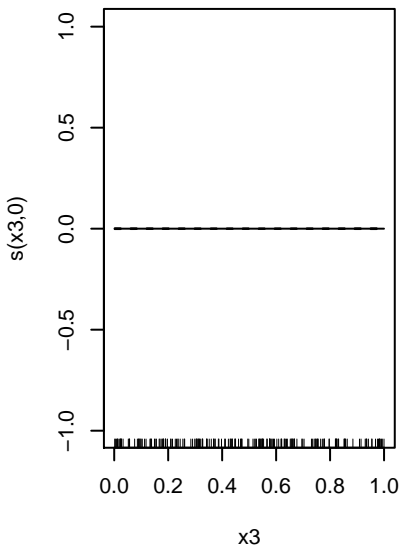
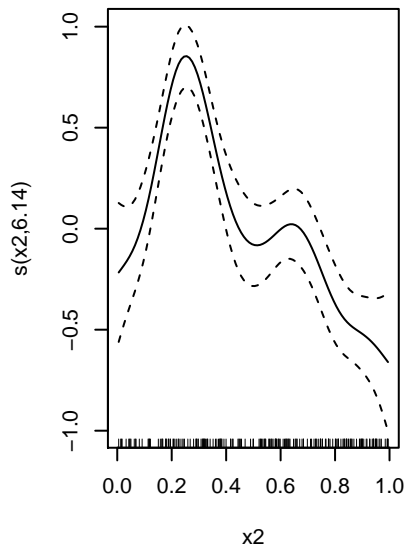
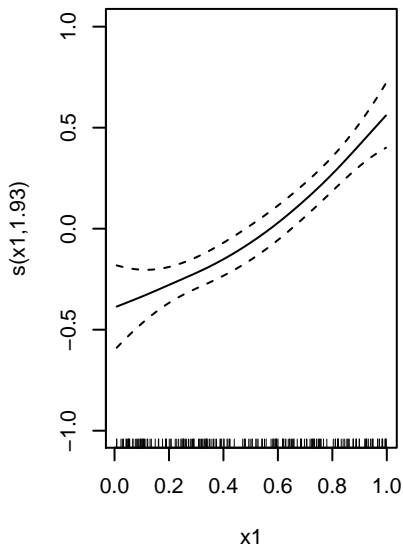
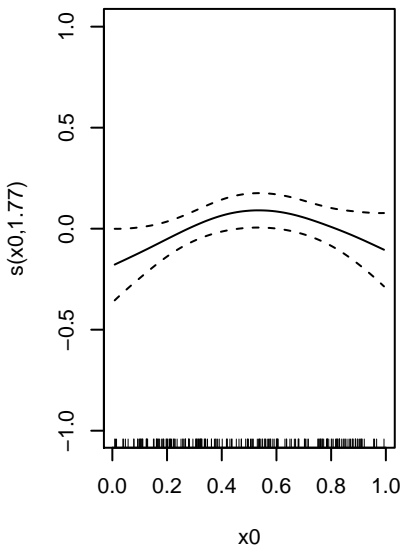
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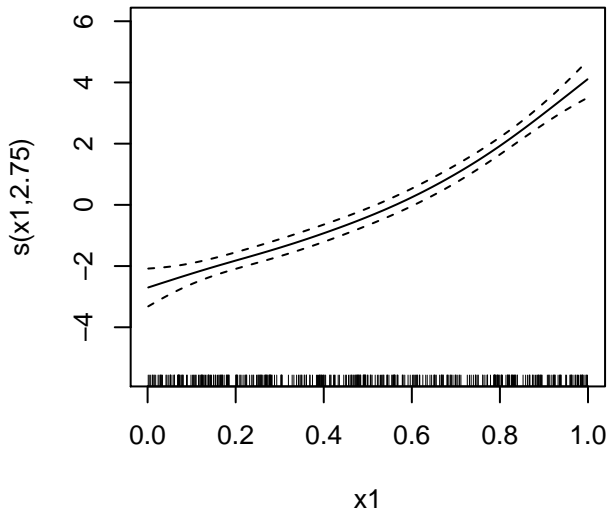
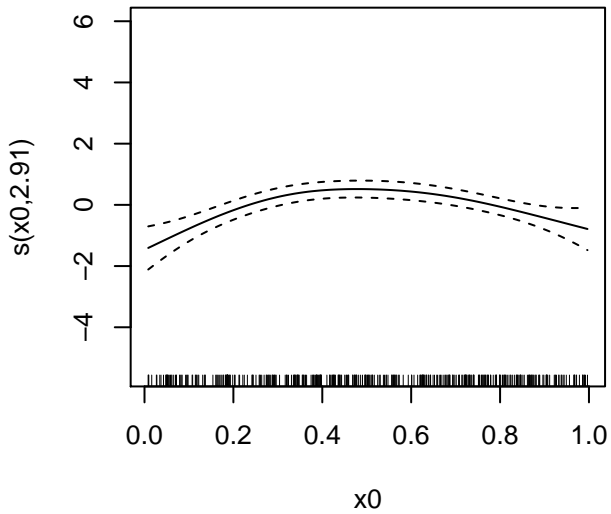
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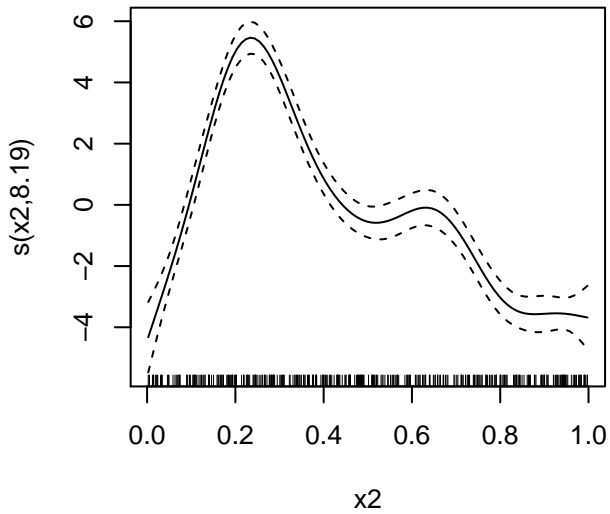
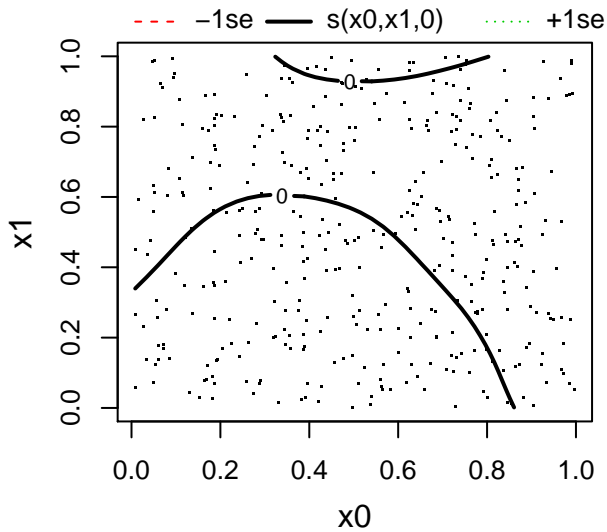
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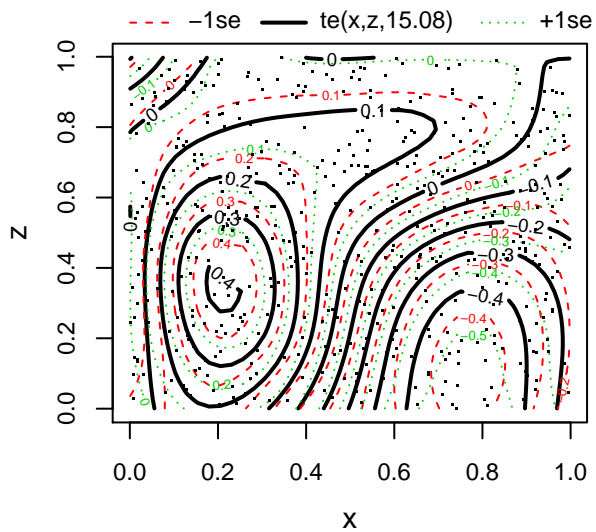
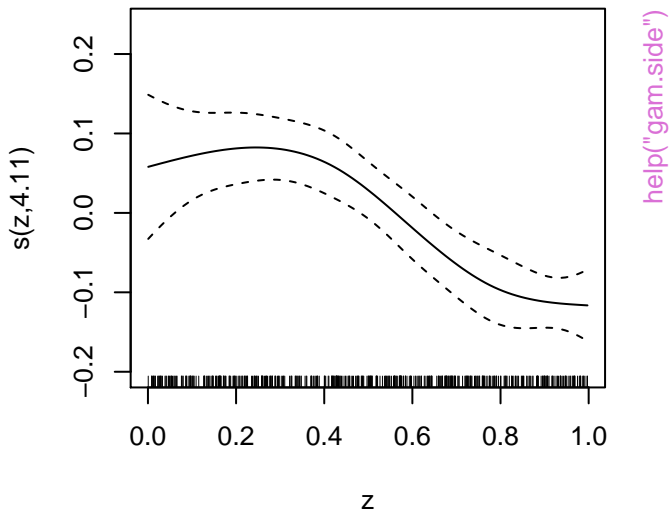
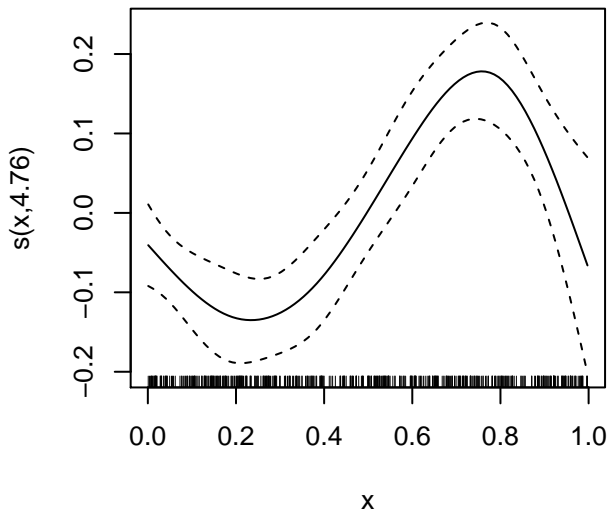


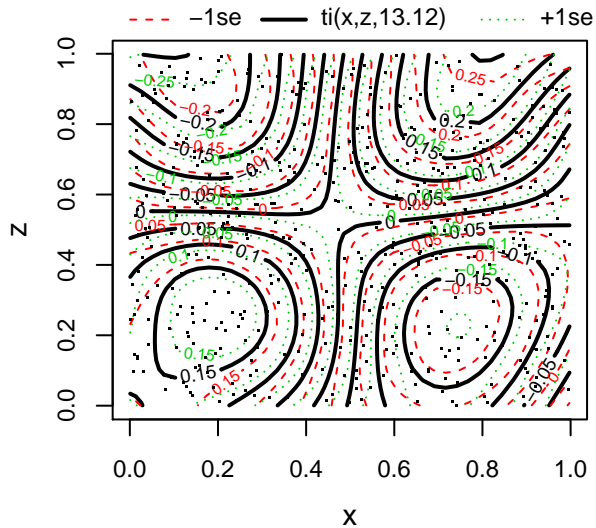
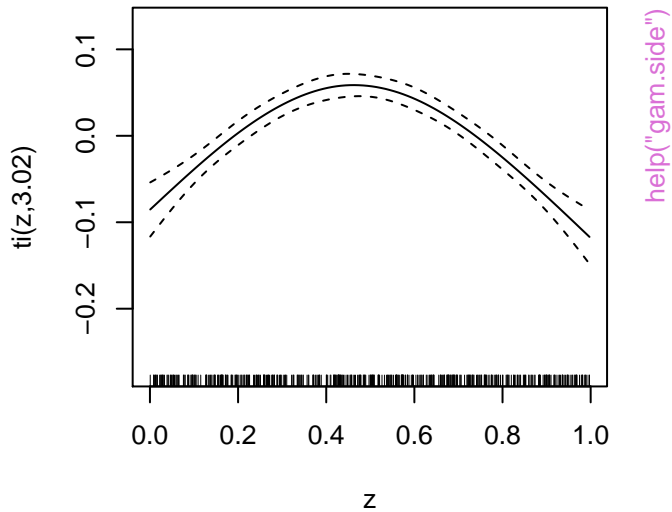
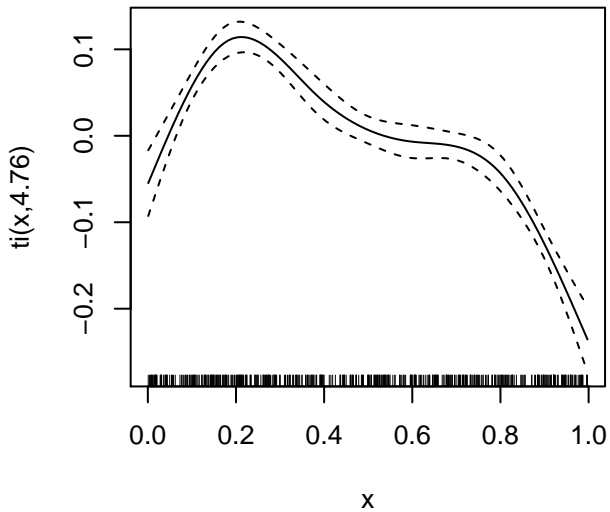
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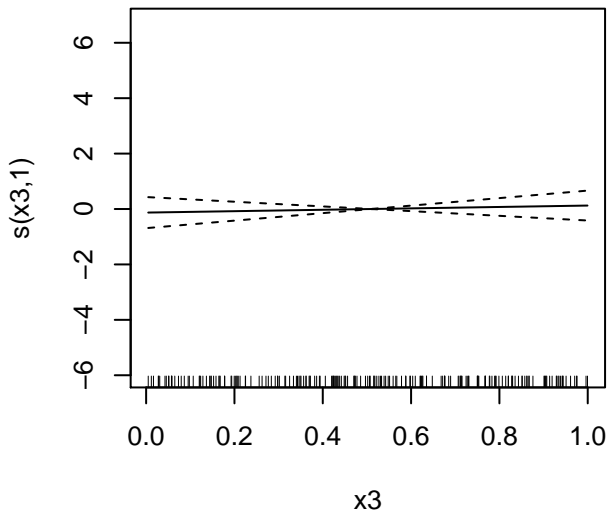
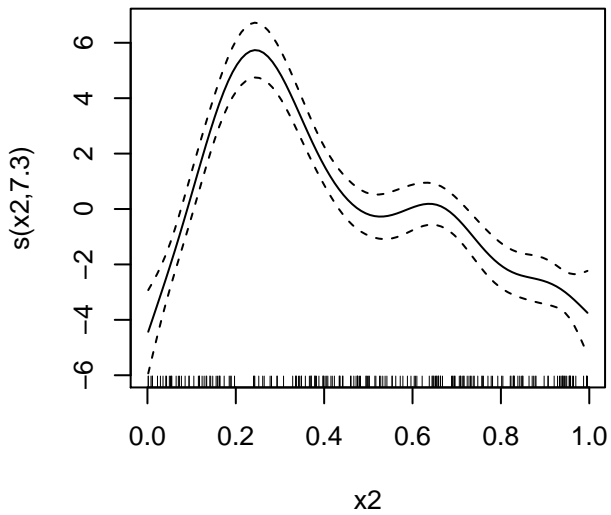
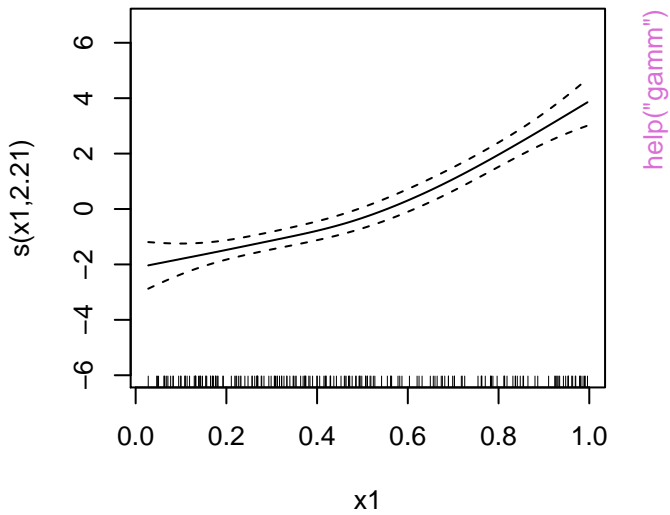
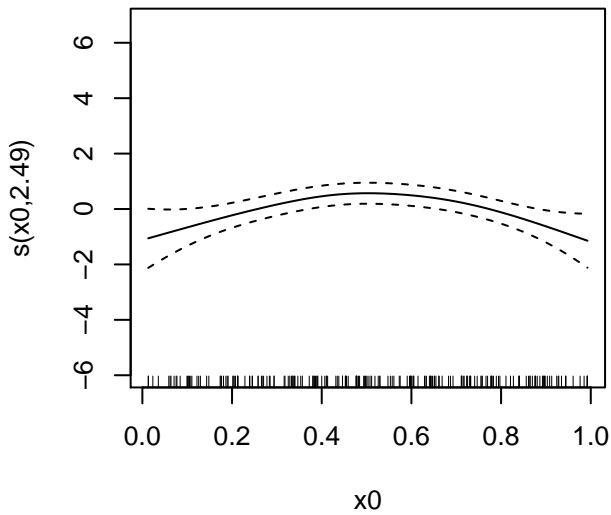


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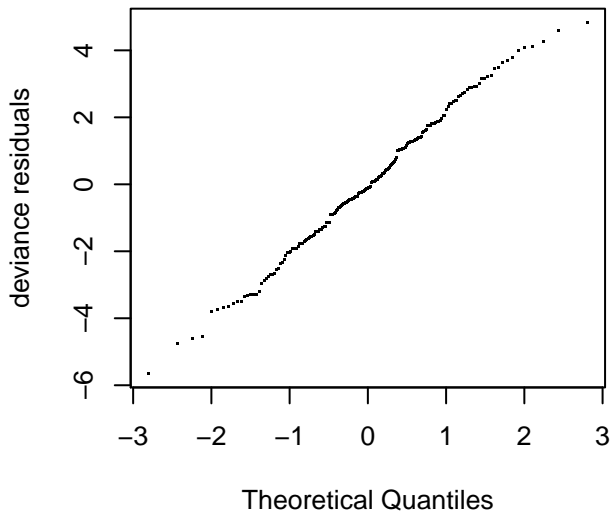




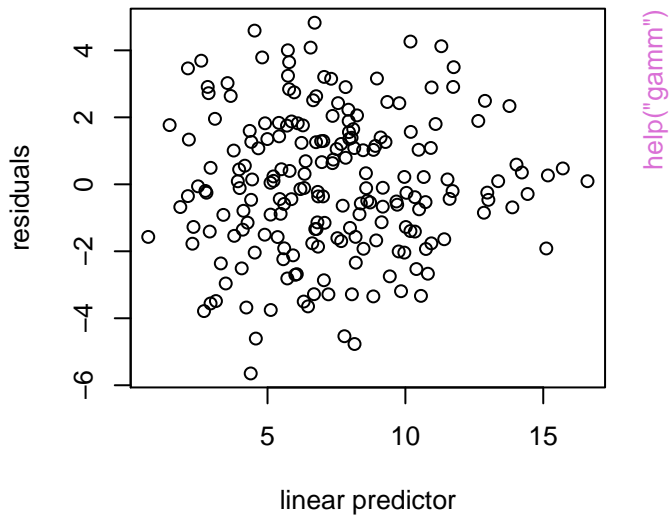




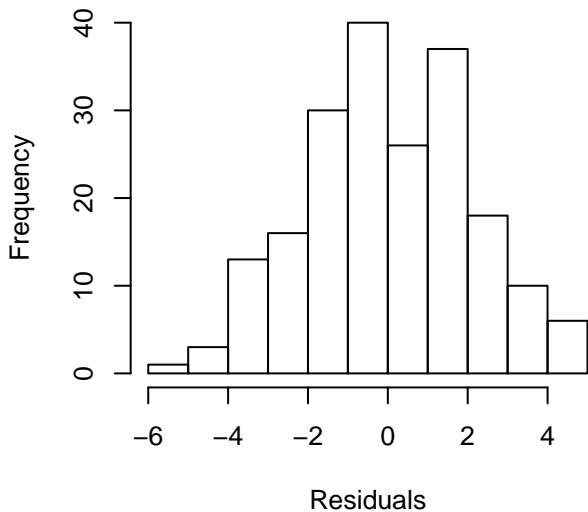
Normal Q-Q Plot



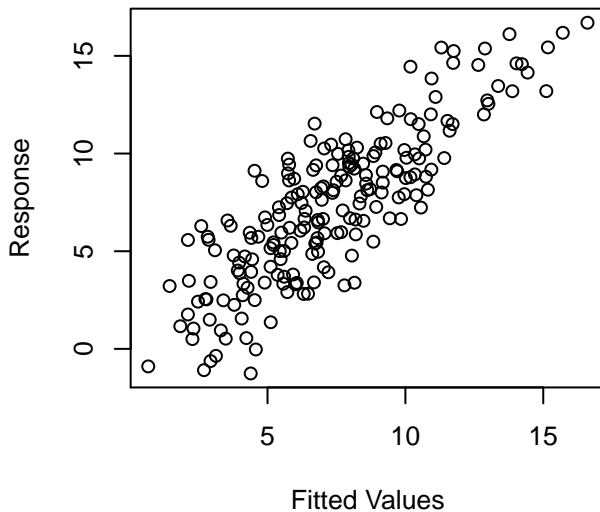
Resids vs. linear pred.

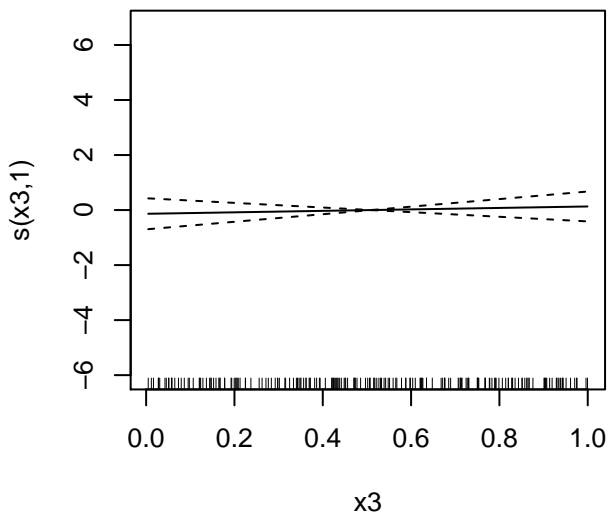
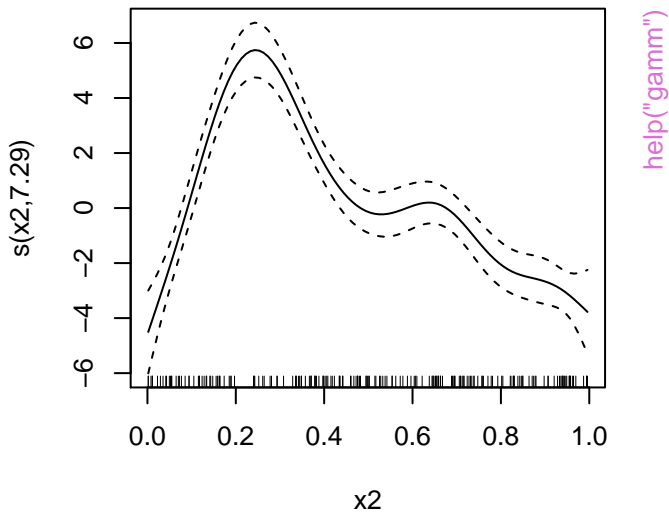
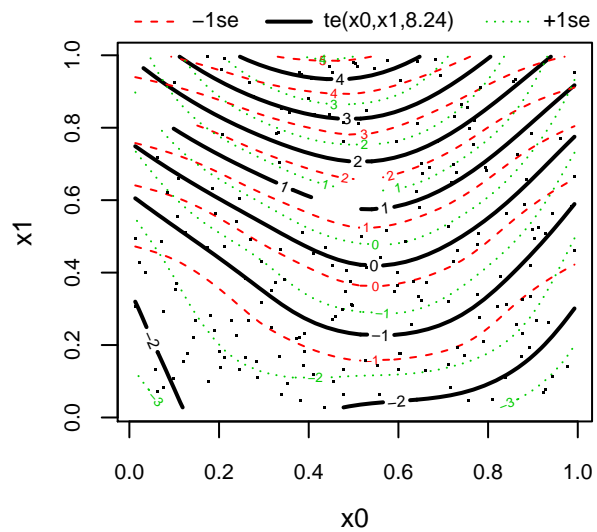


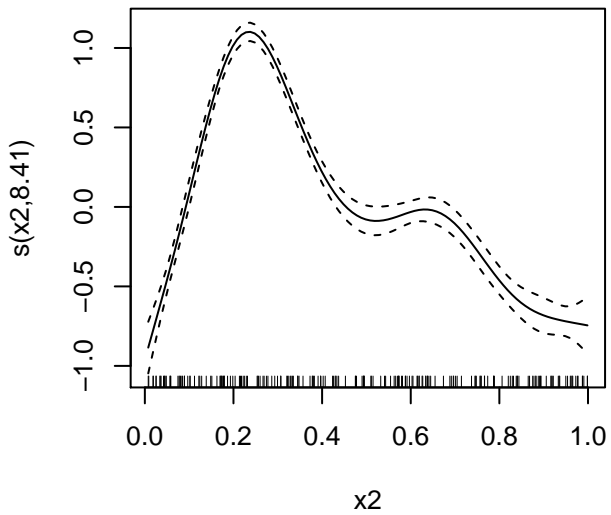
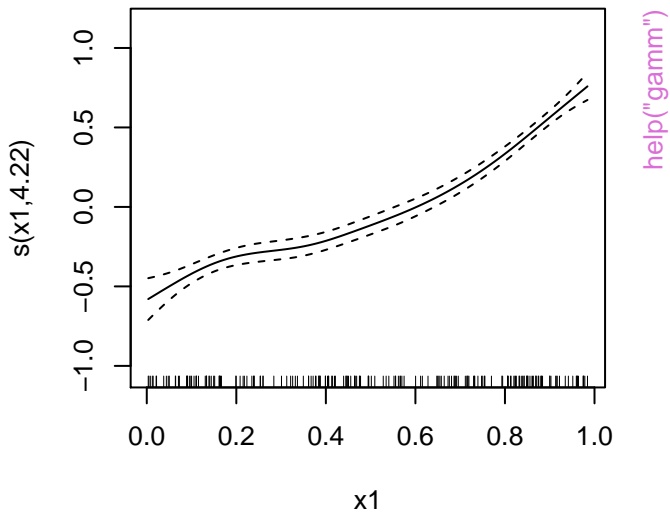
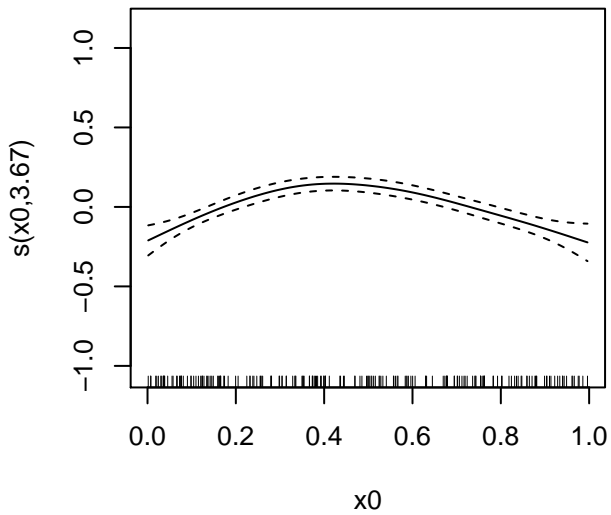
Histogram of residuals

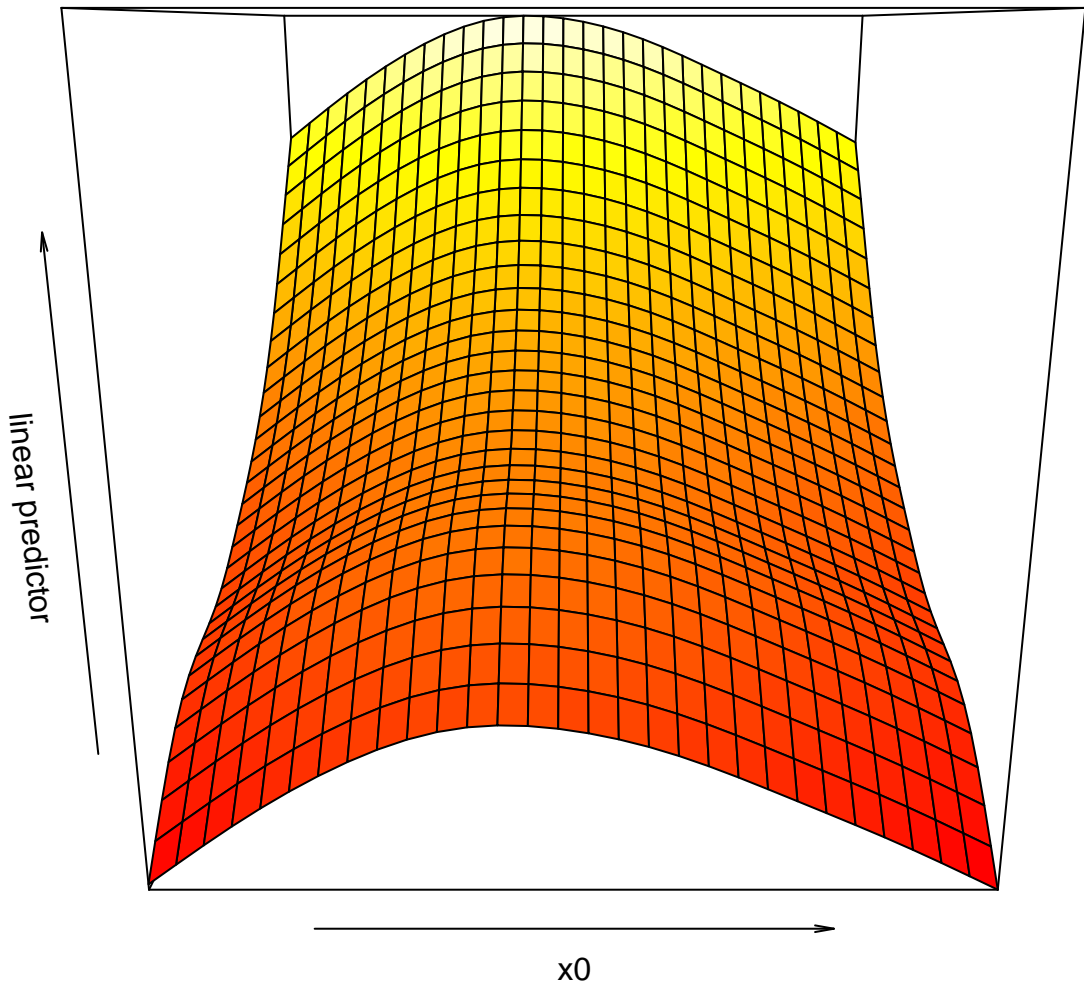


Response vs. Fitted Values



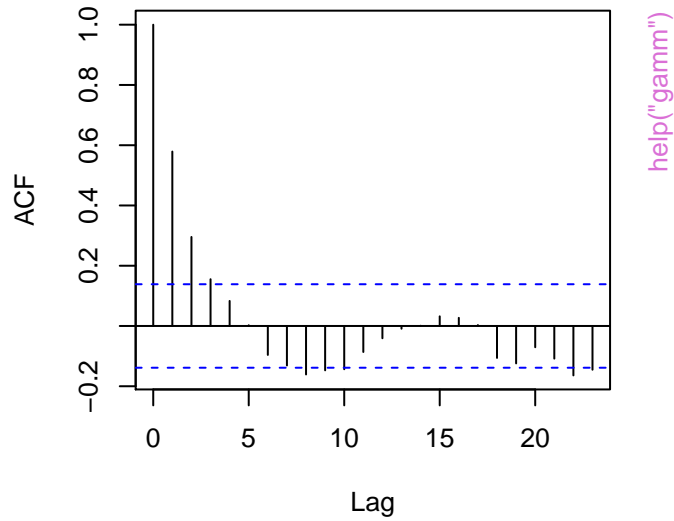




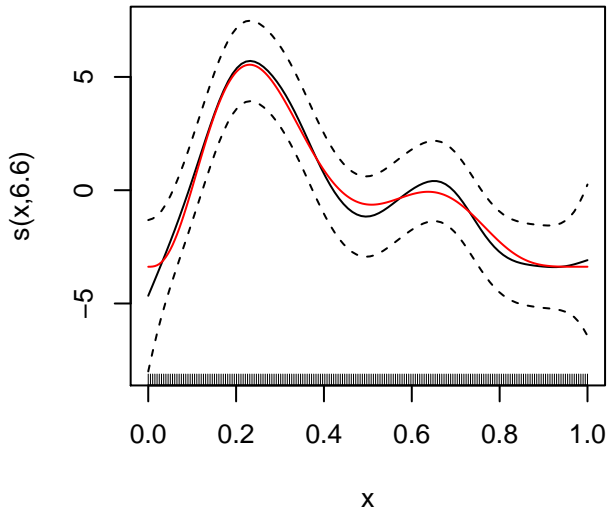
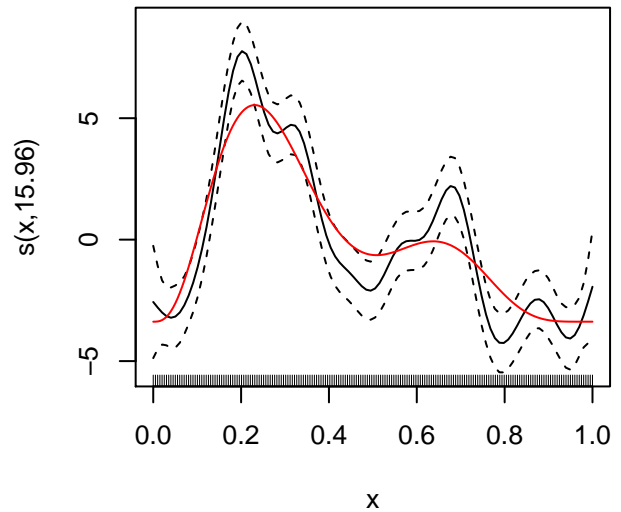
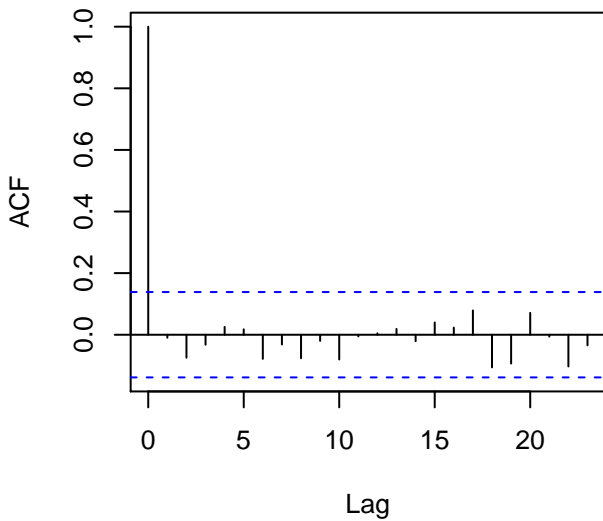


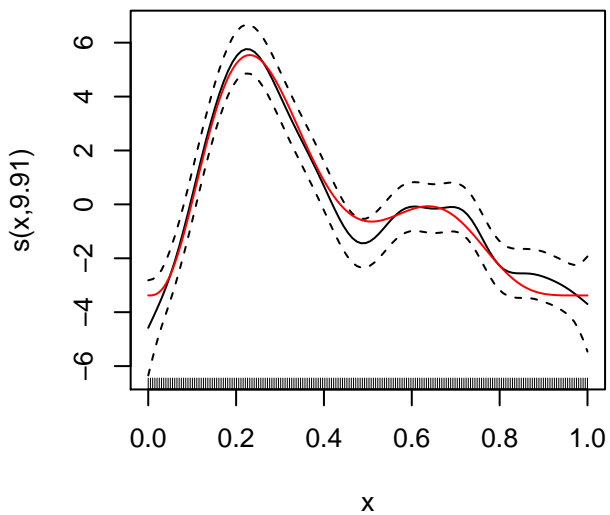
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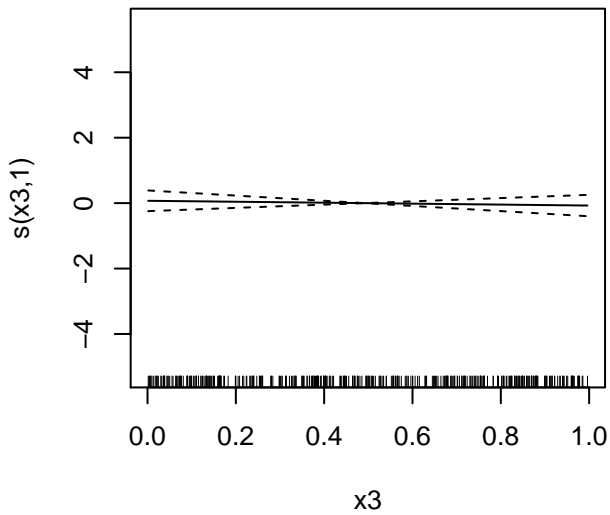
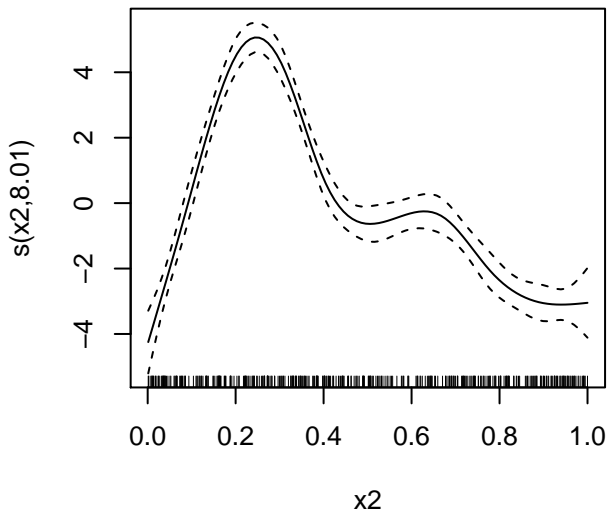
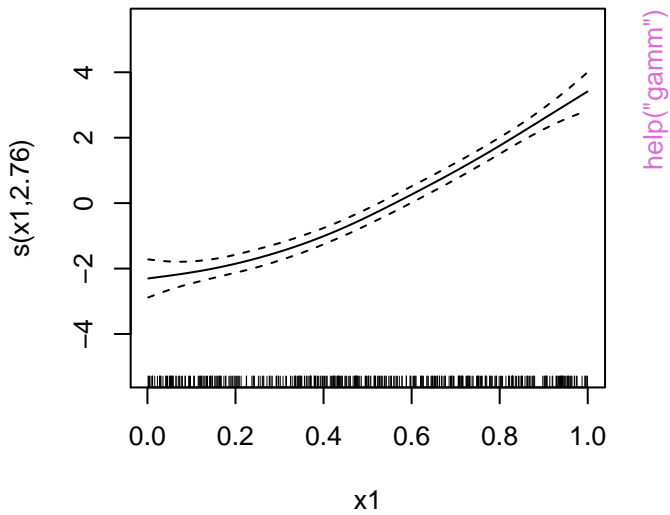
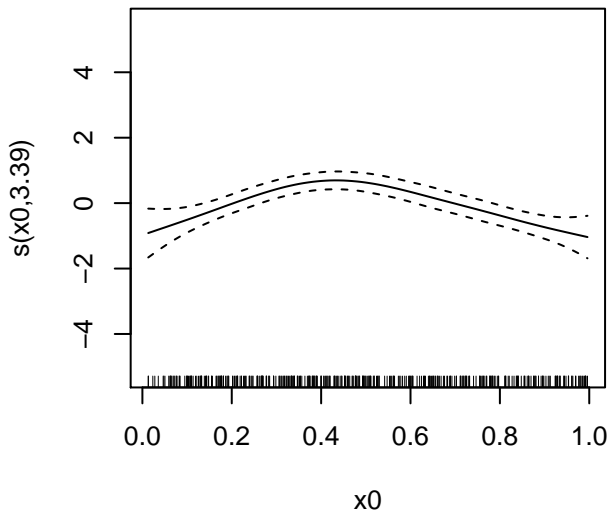
raw residual ACF

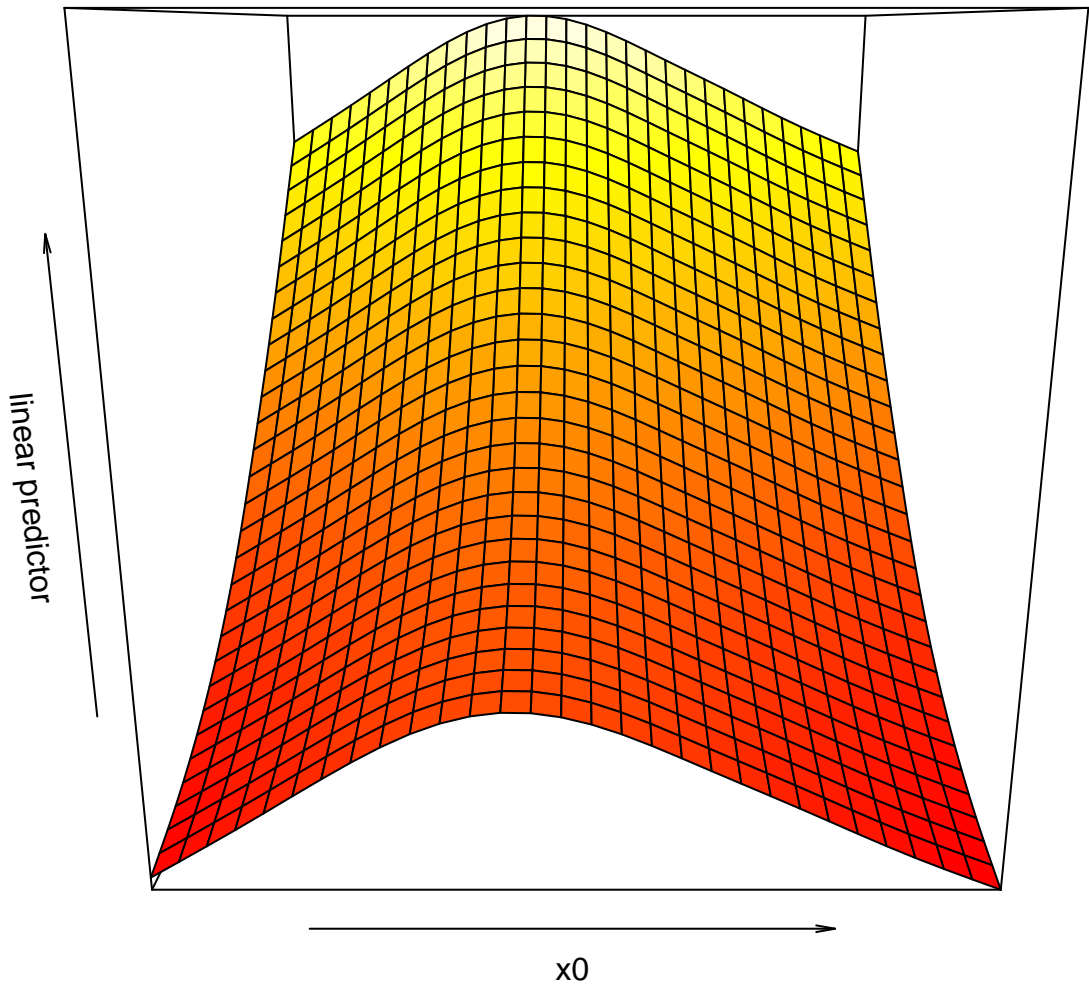


standardized residual ACF

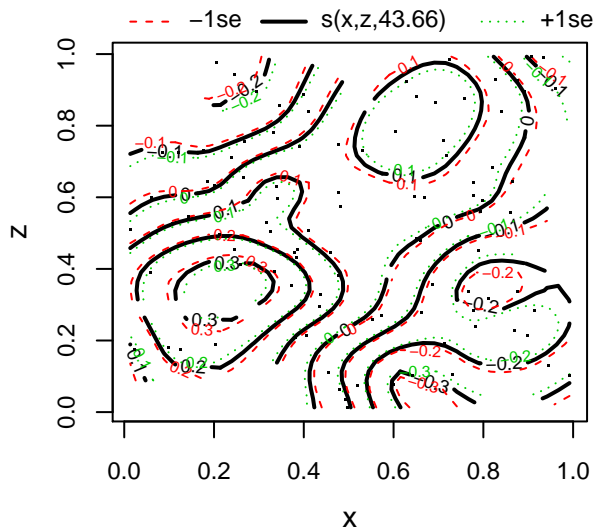
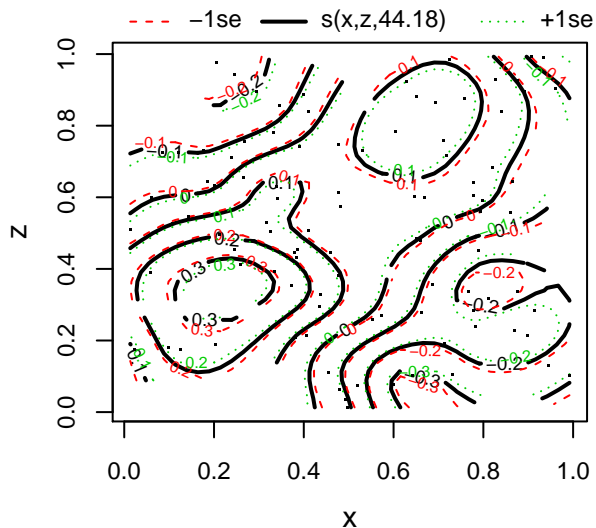
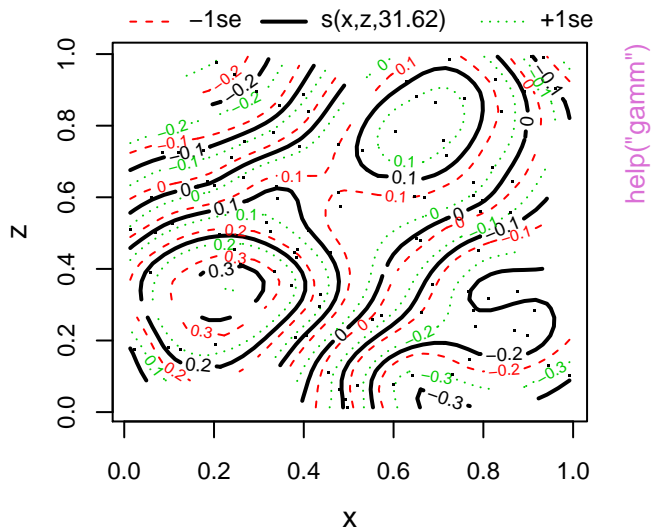
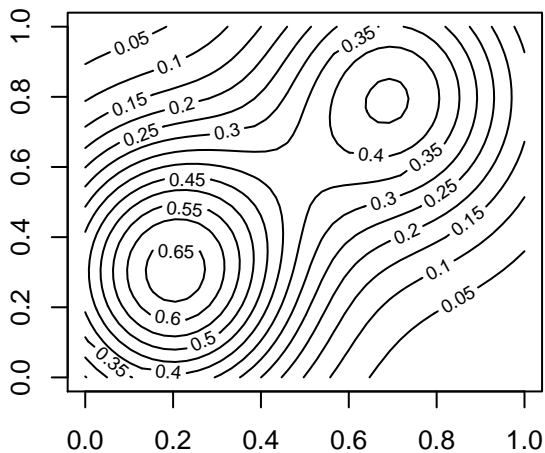


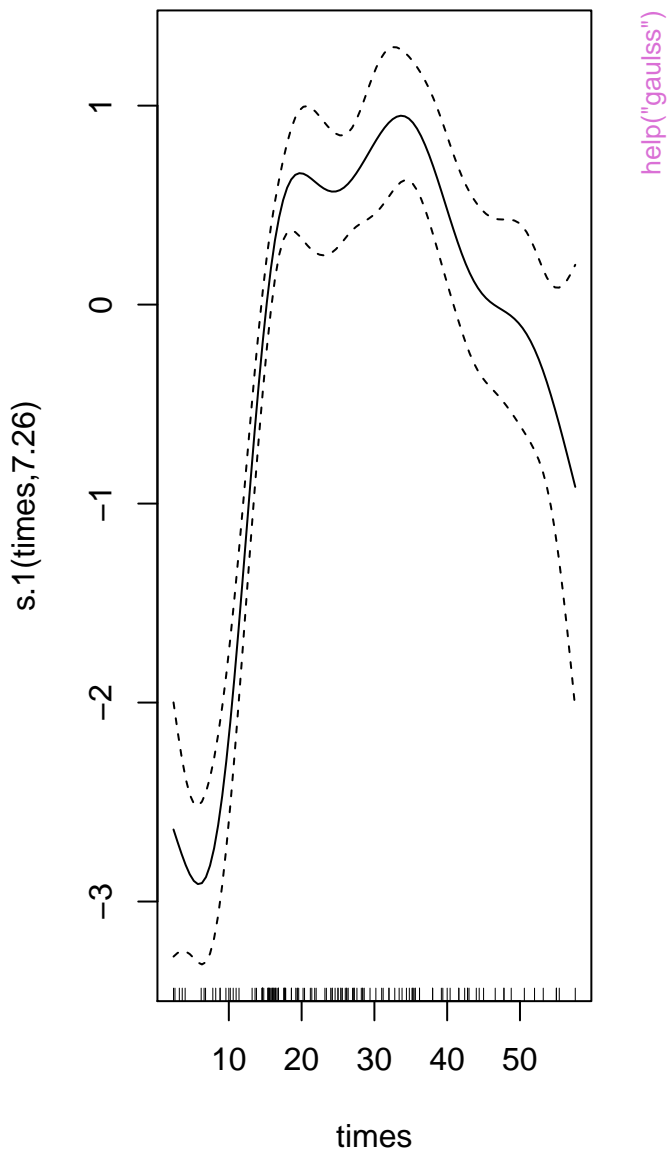
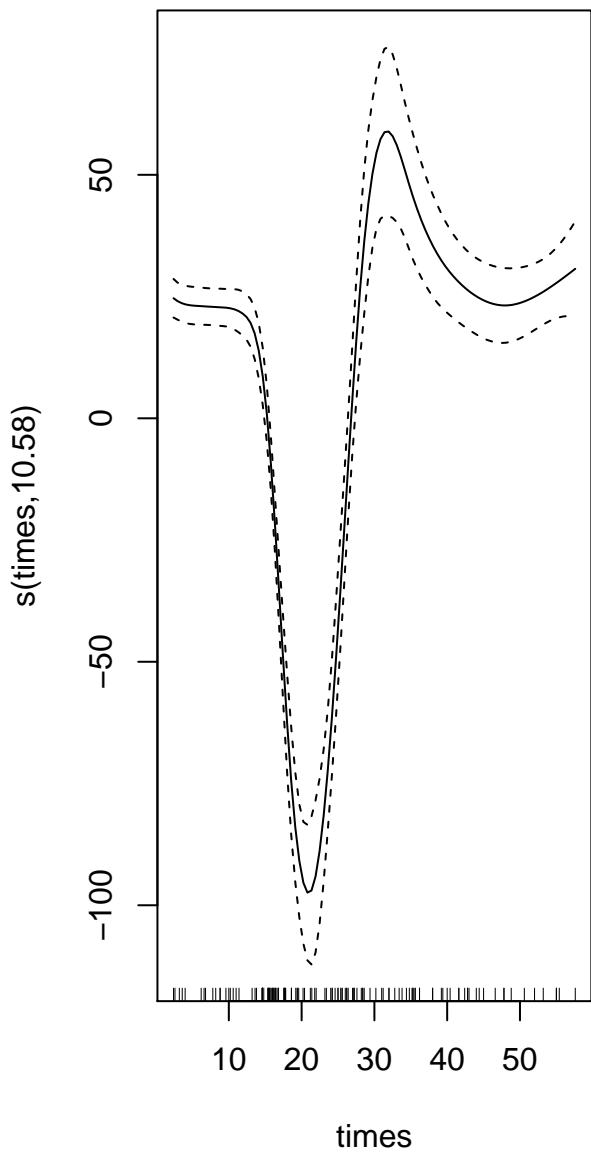


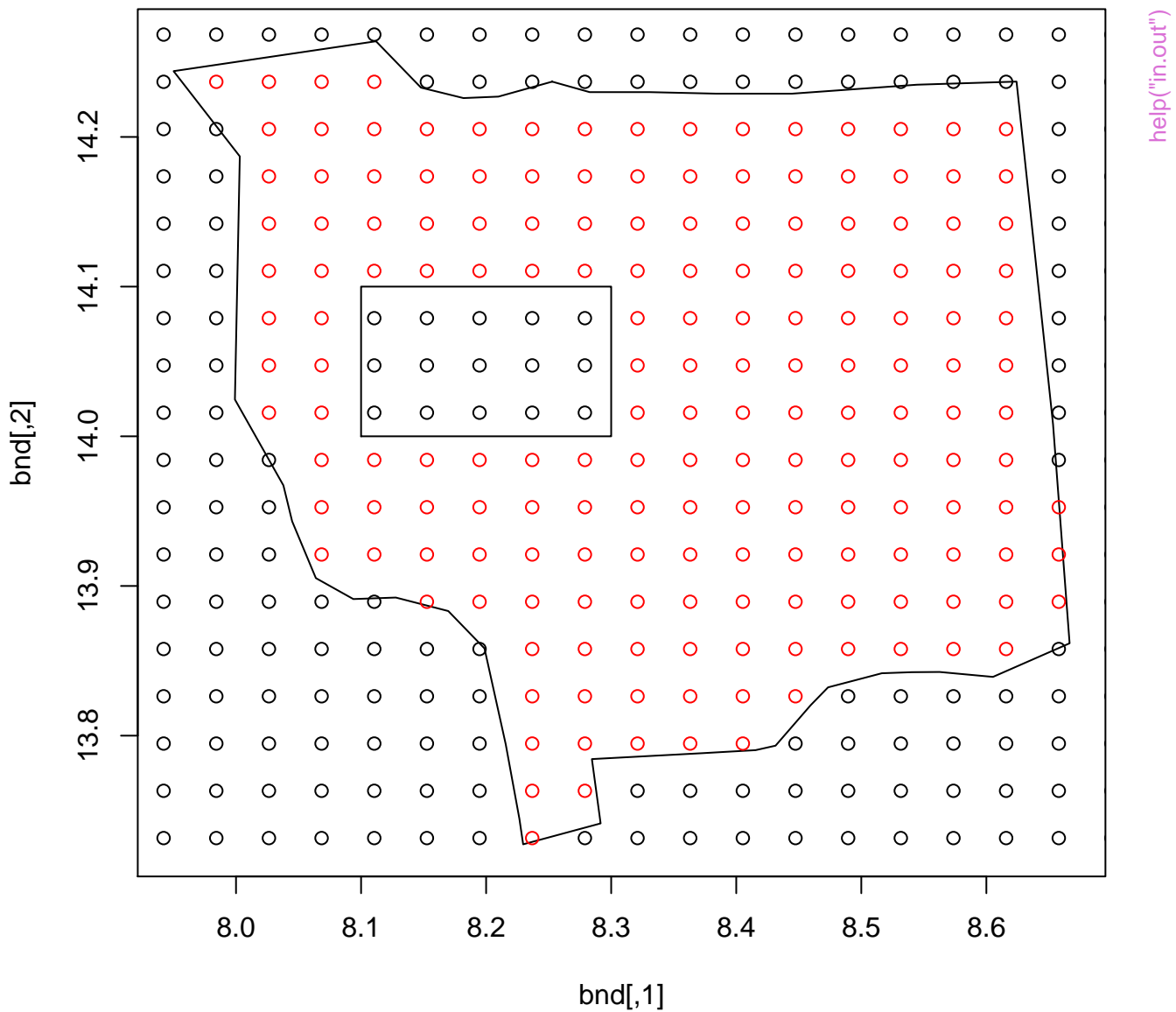


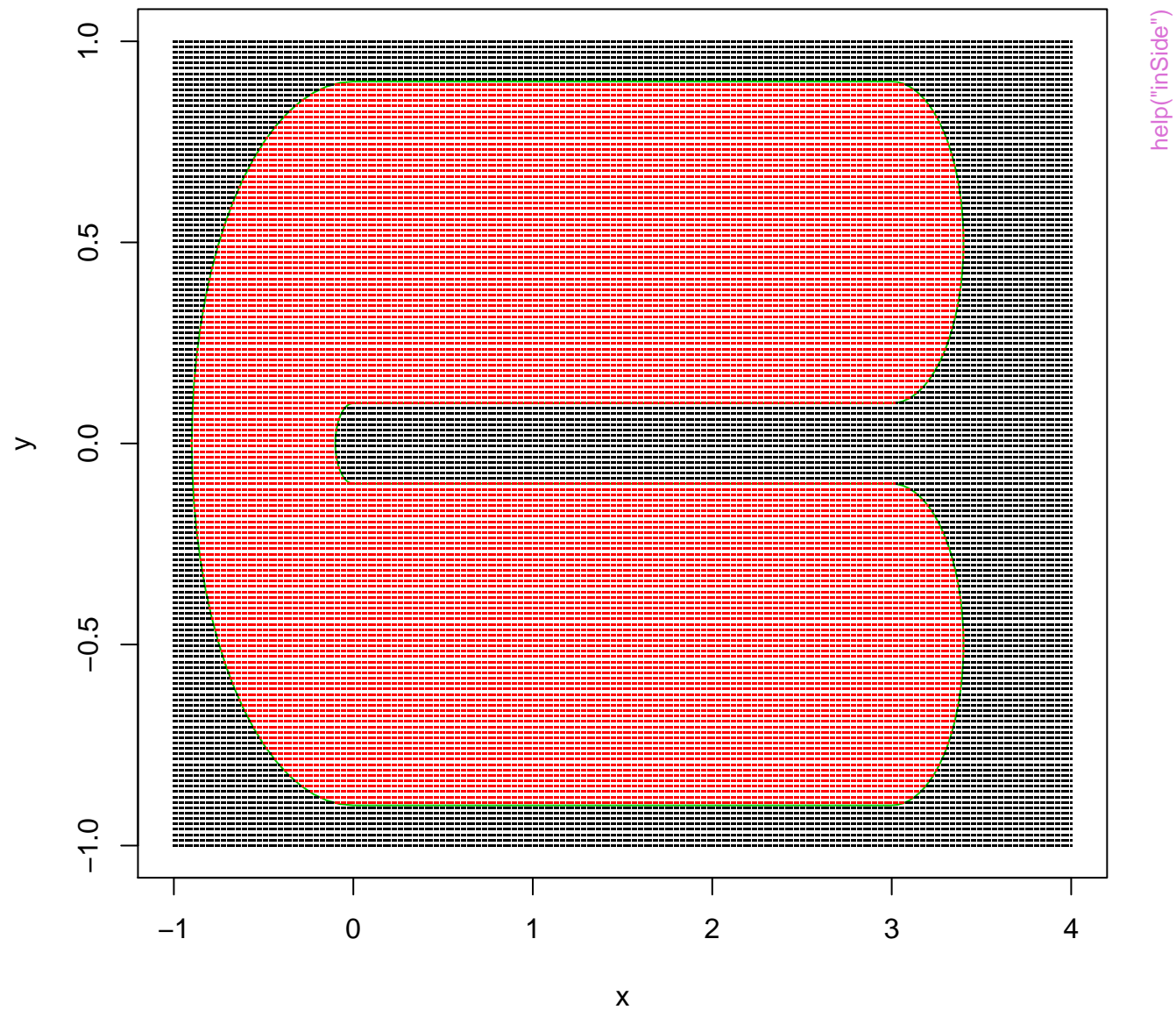


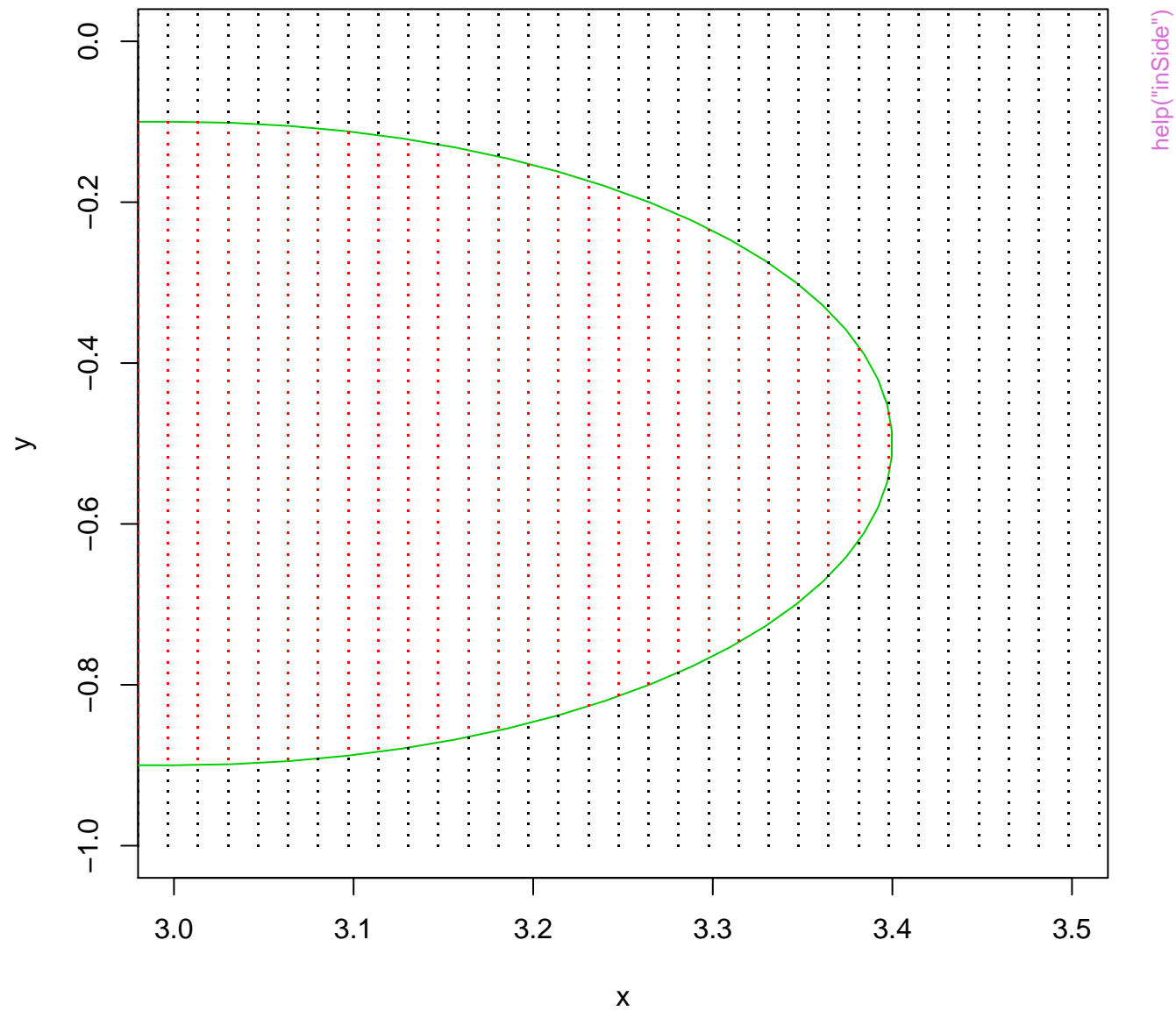
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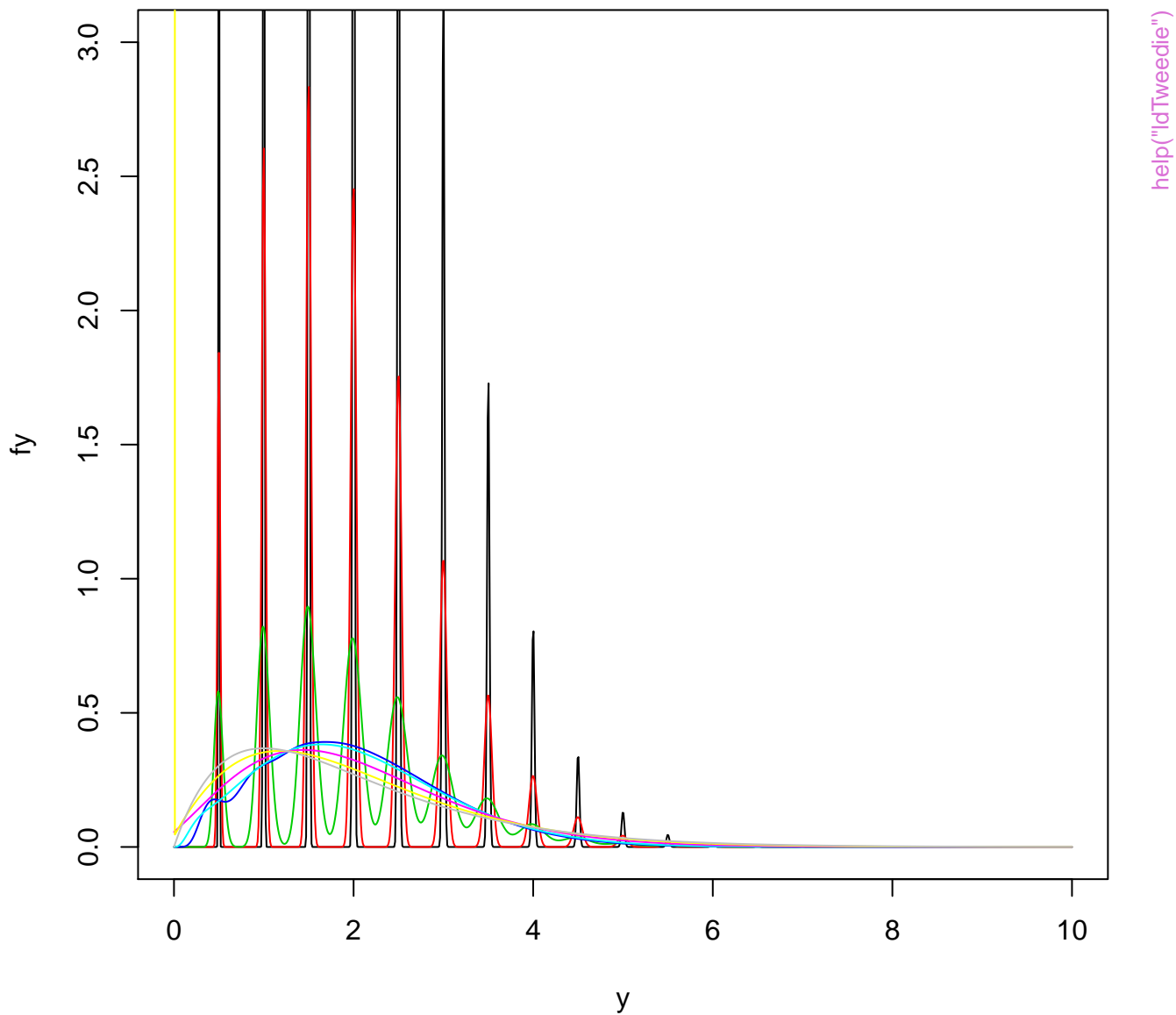


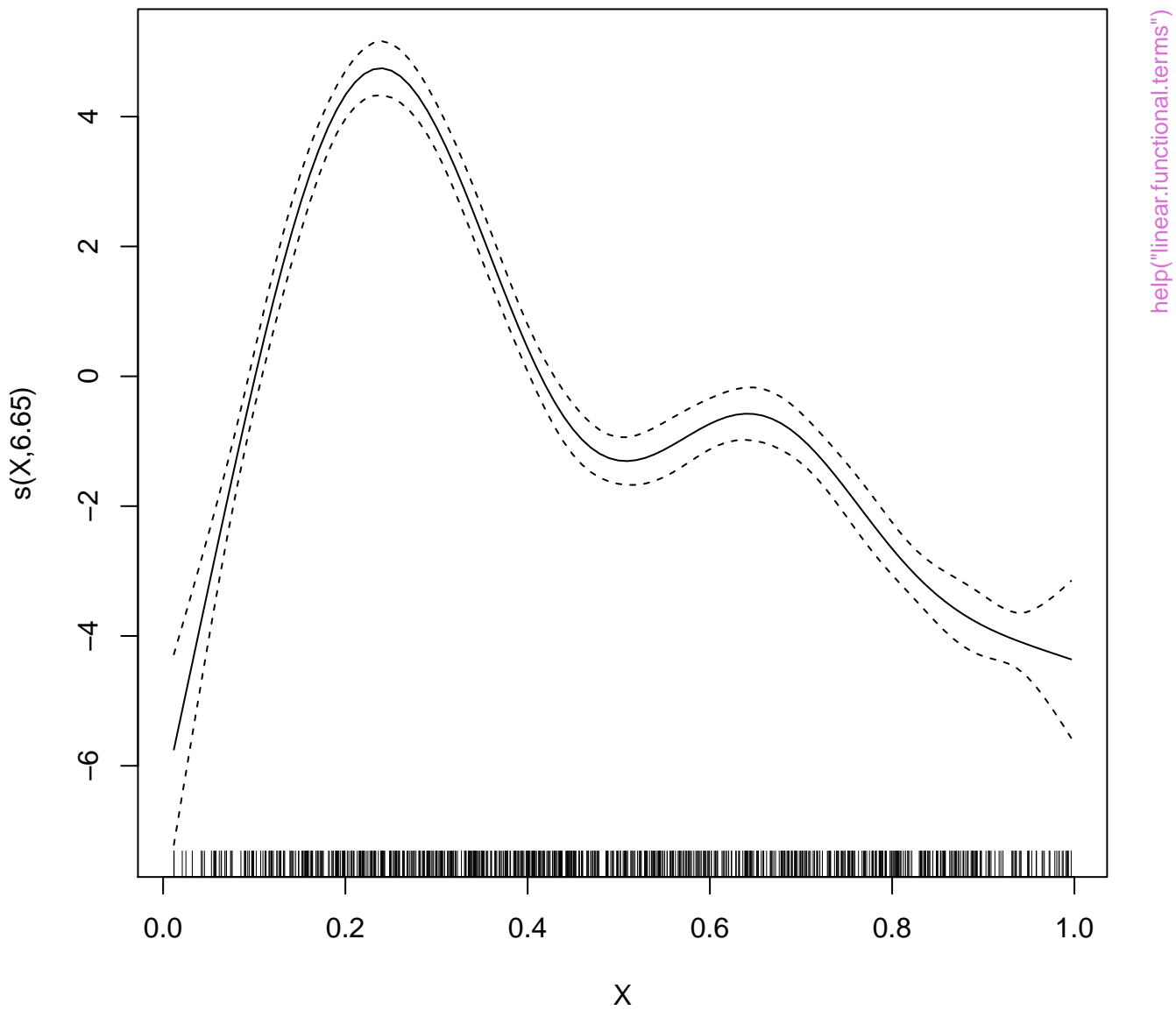


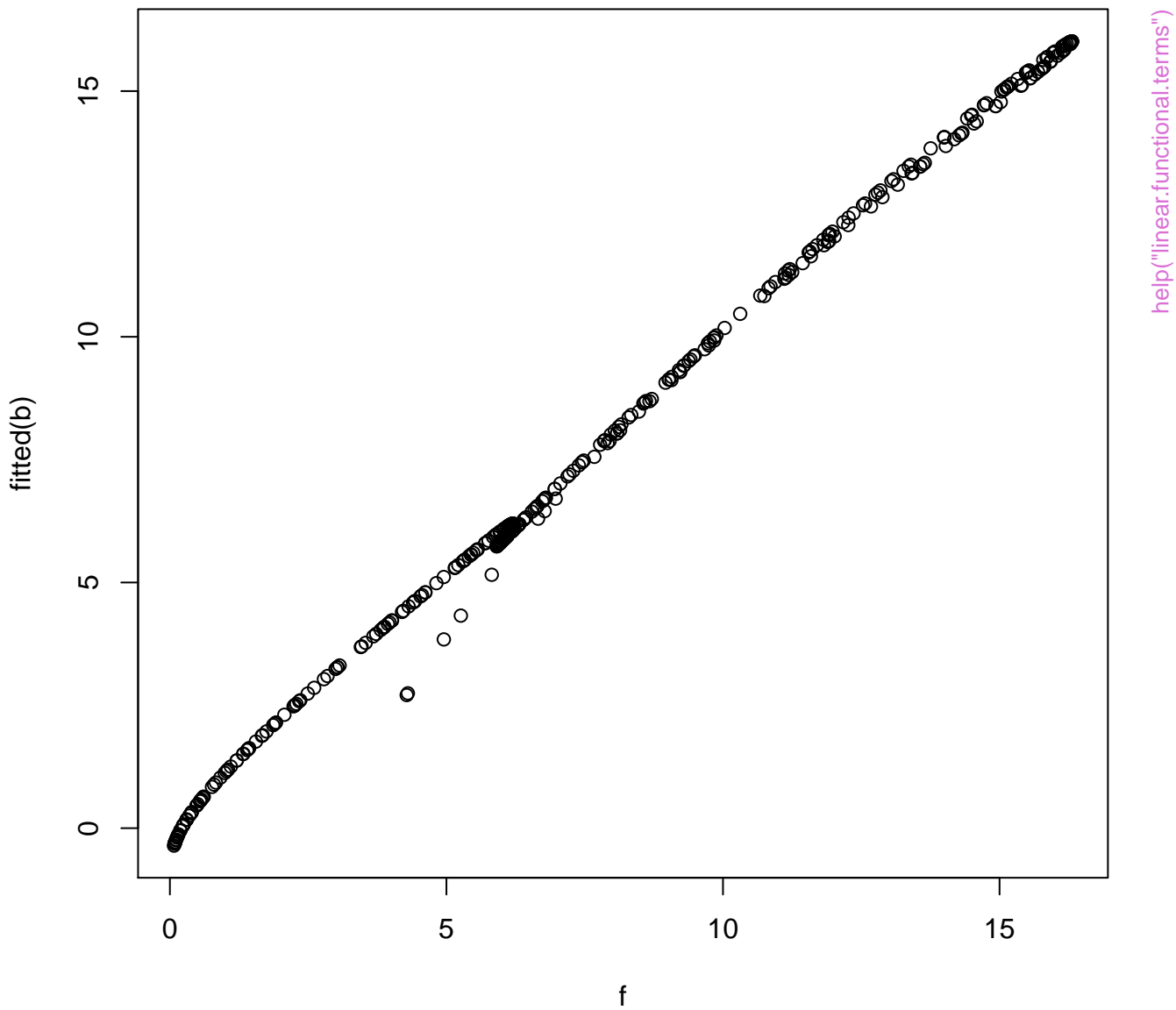


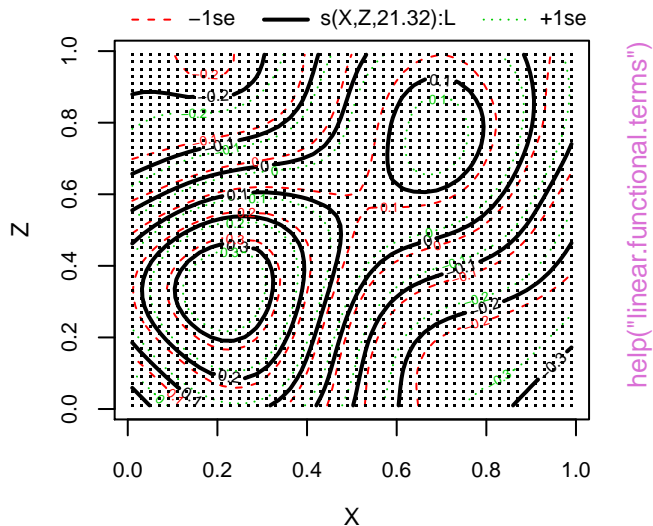
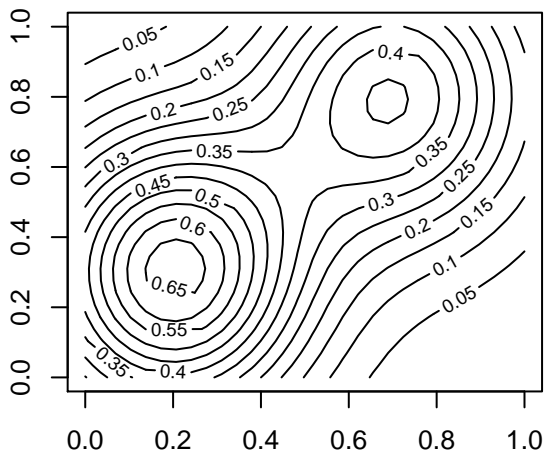


Tweedie density as p changes

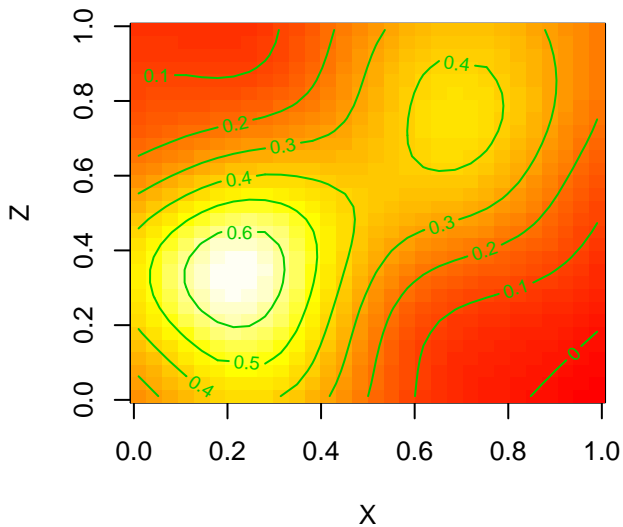




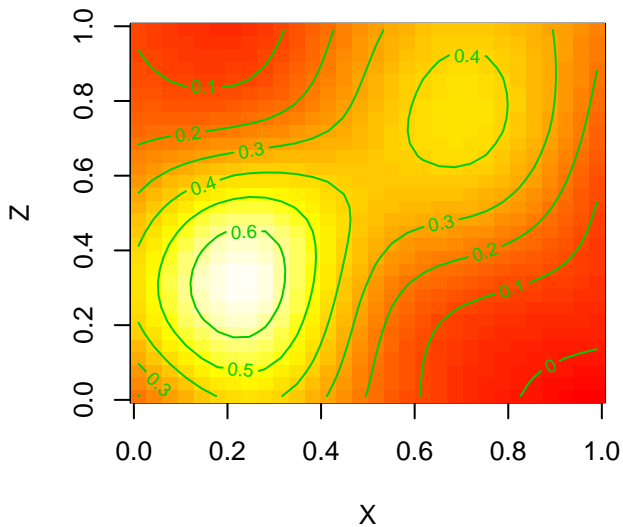


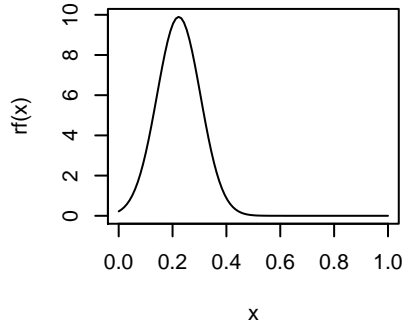
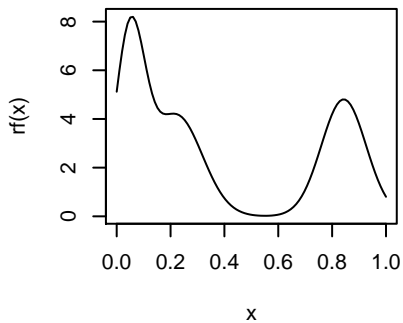
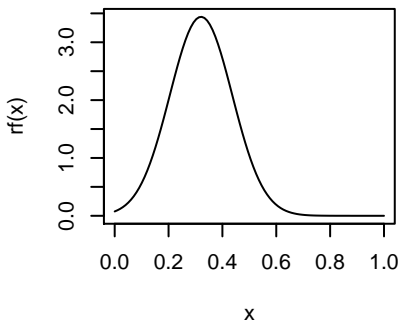
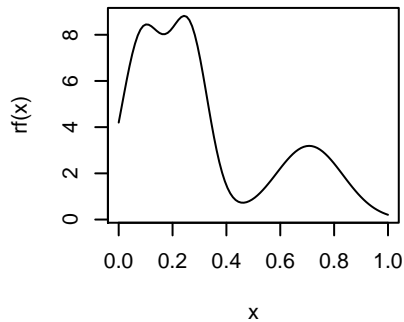
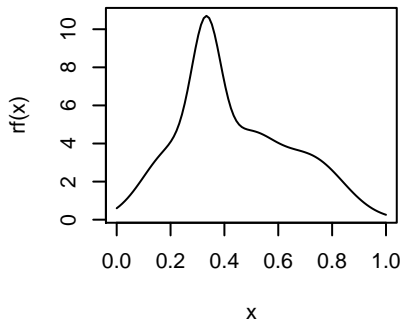
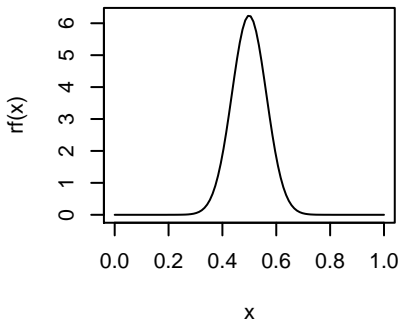
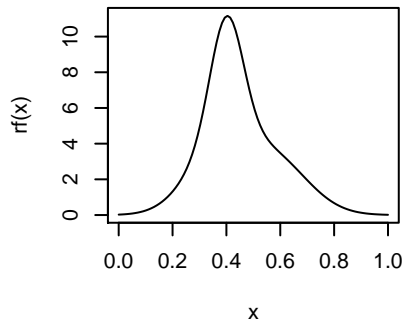
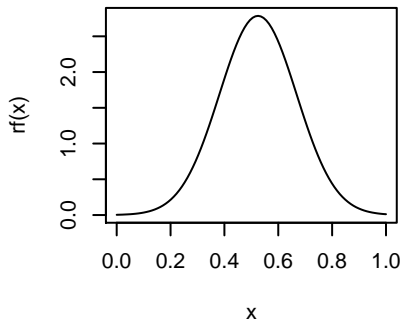
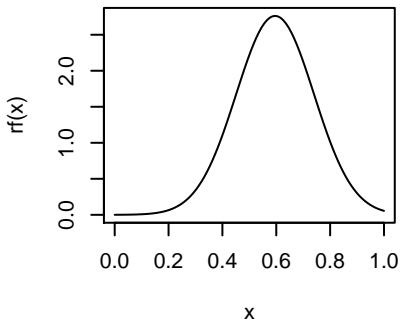


linear predictor

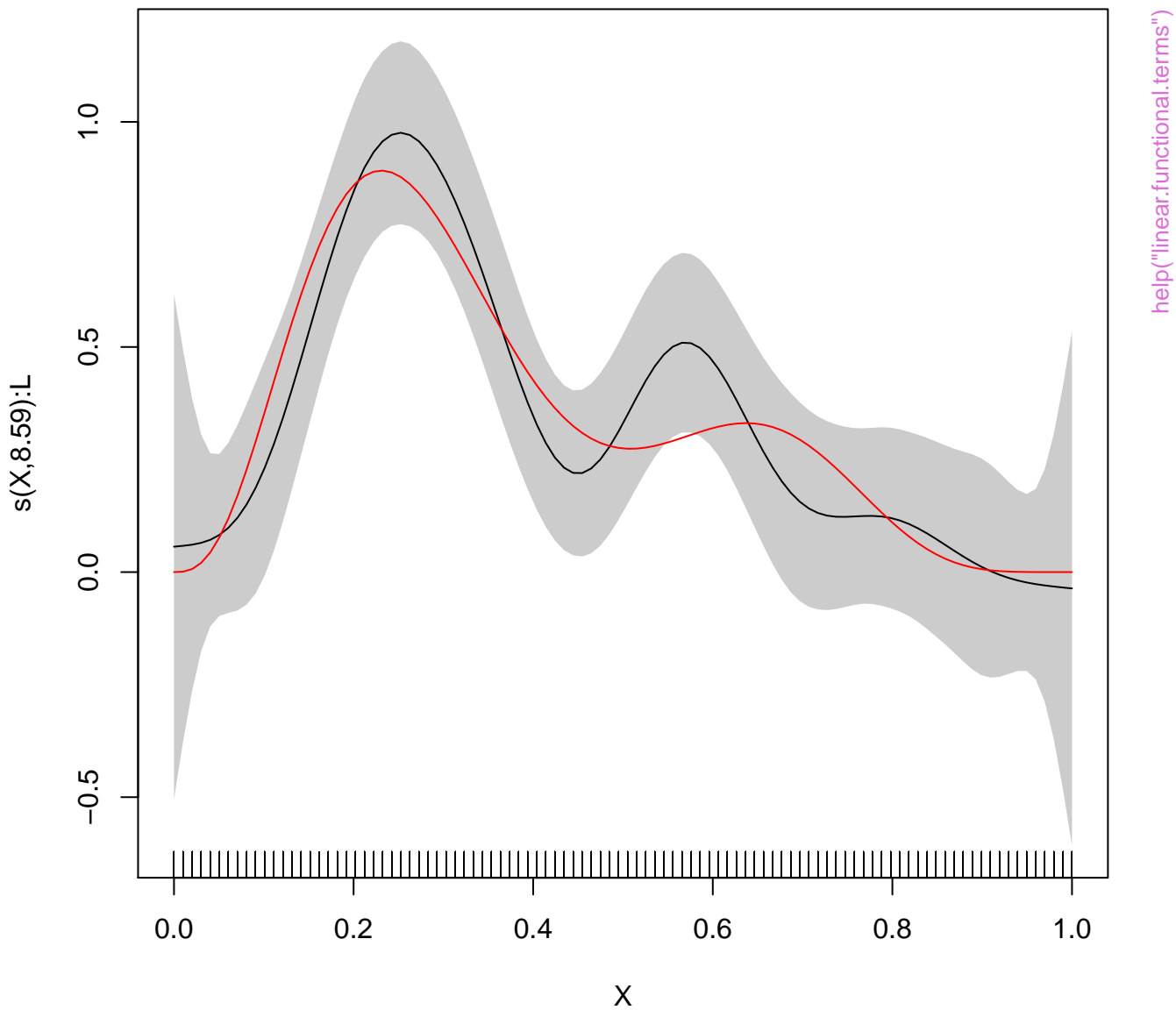


linear predictor

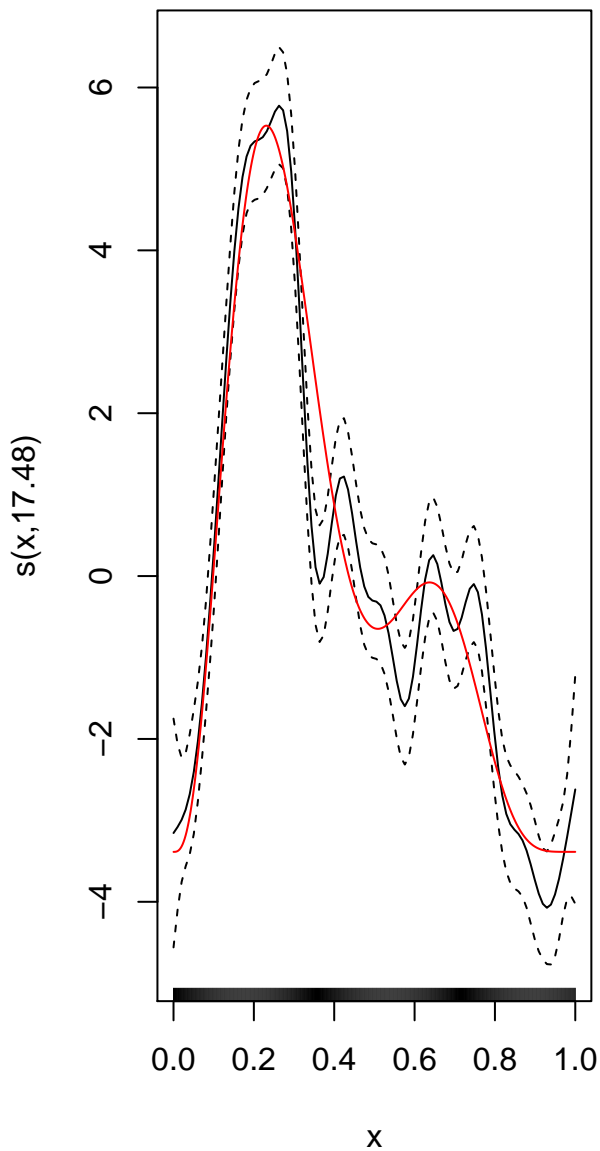




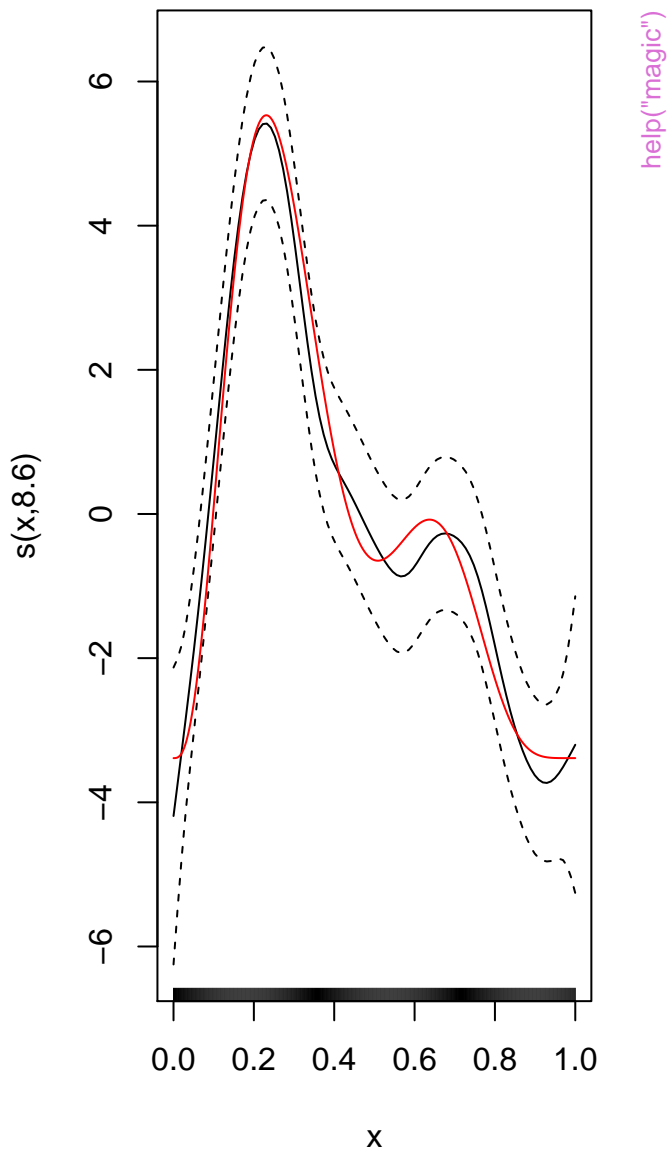
help("linear.functional.terms")

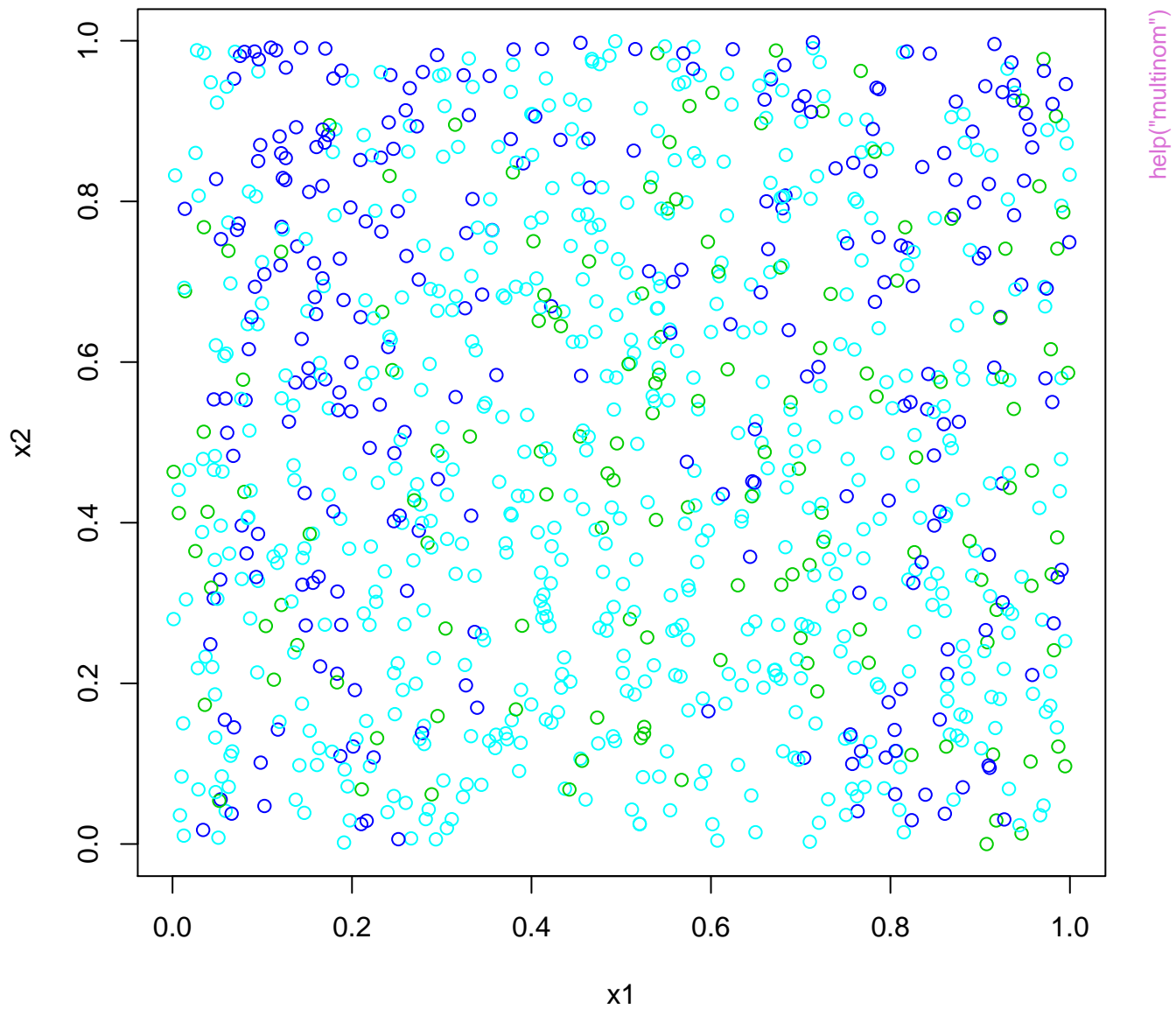


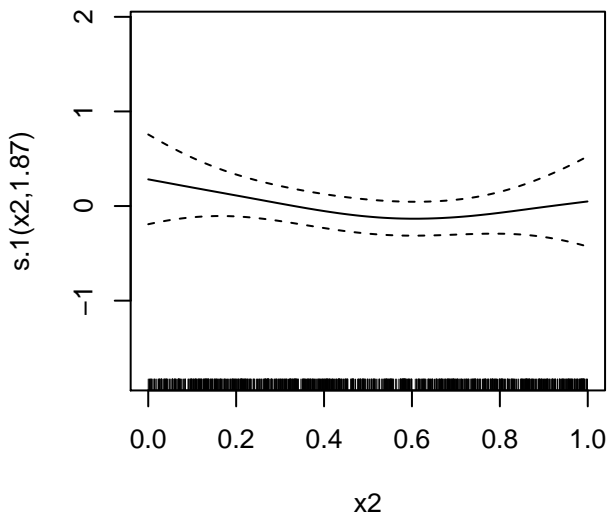
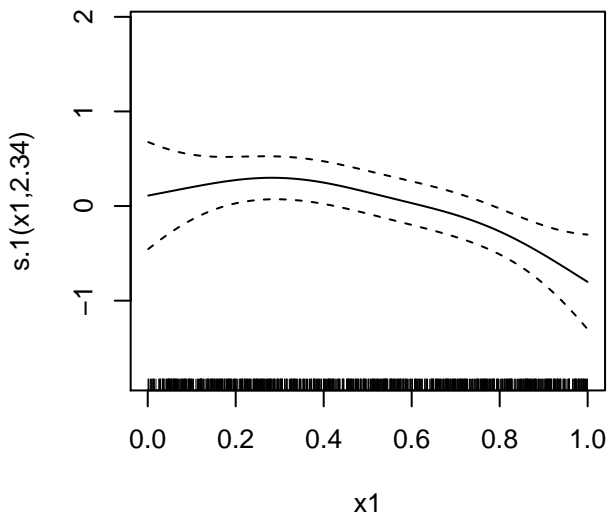
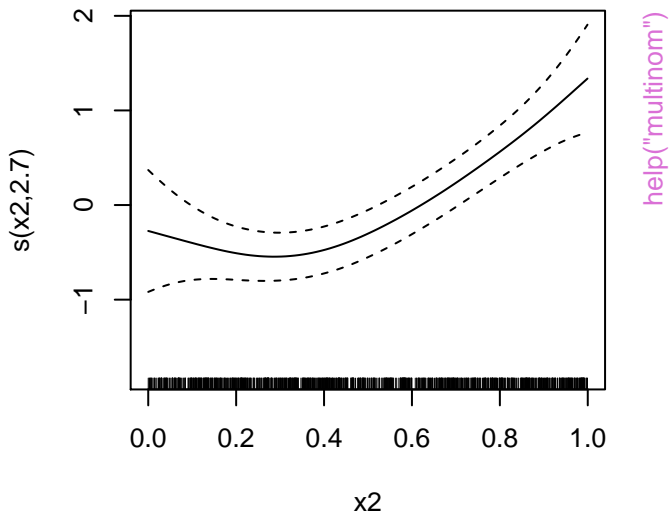
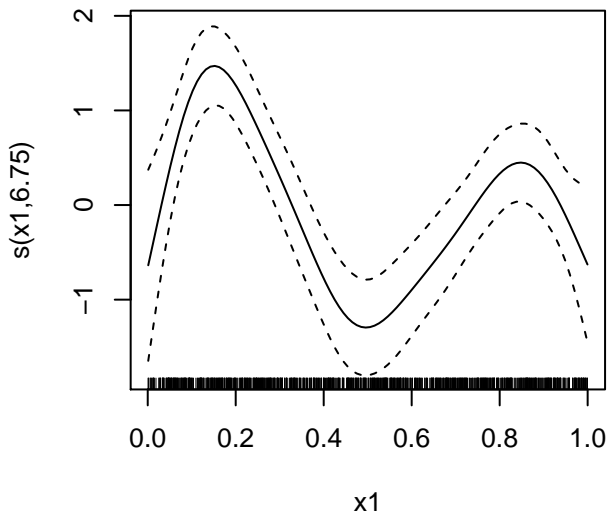
Ignoring correlation



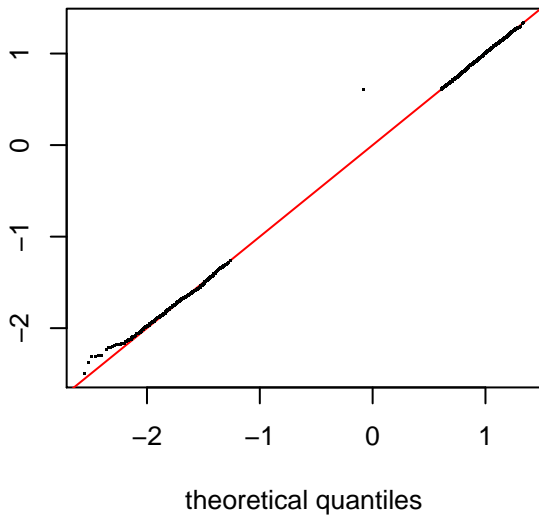
Known correlation



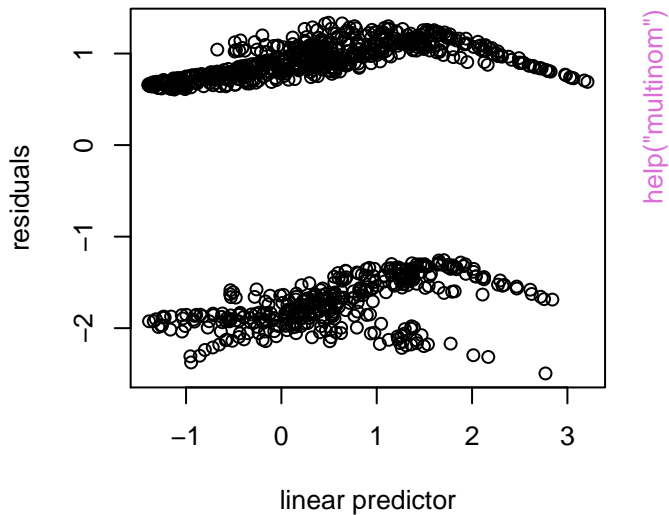




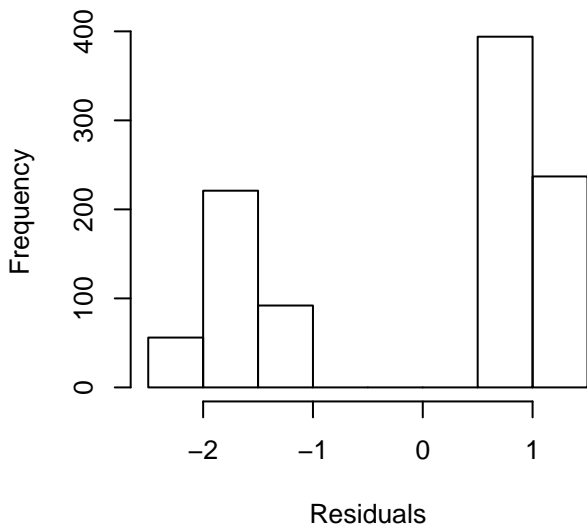
deviance residuals



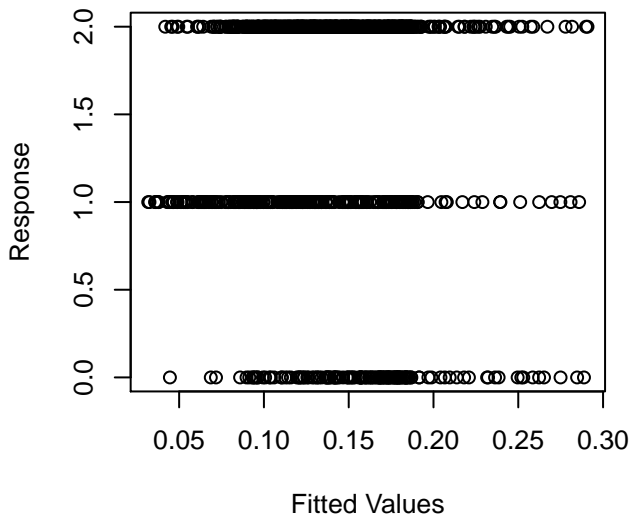
Resids vs. linear pred.

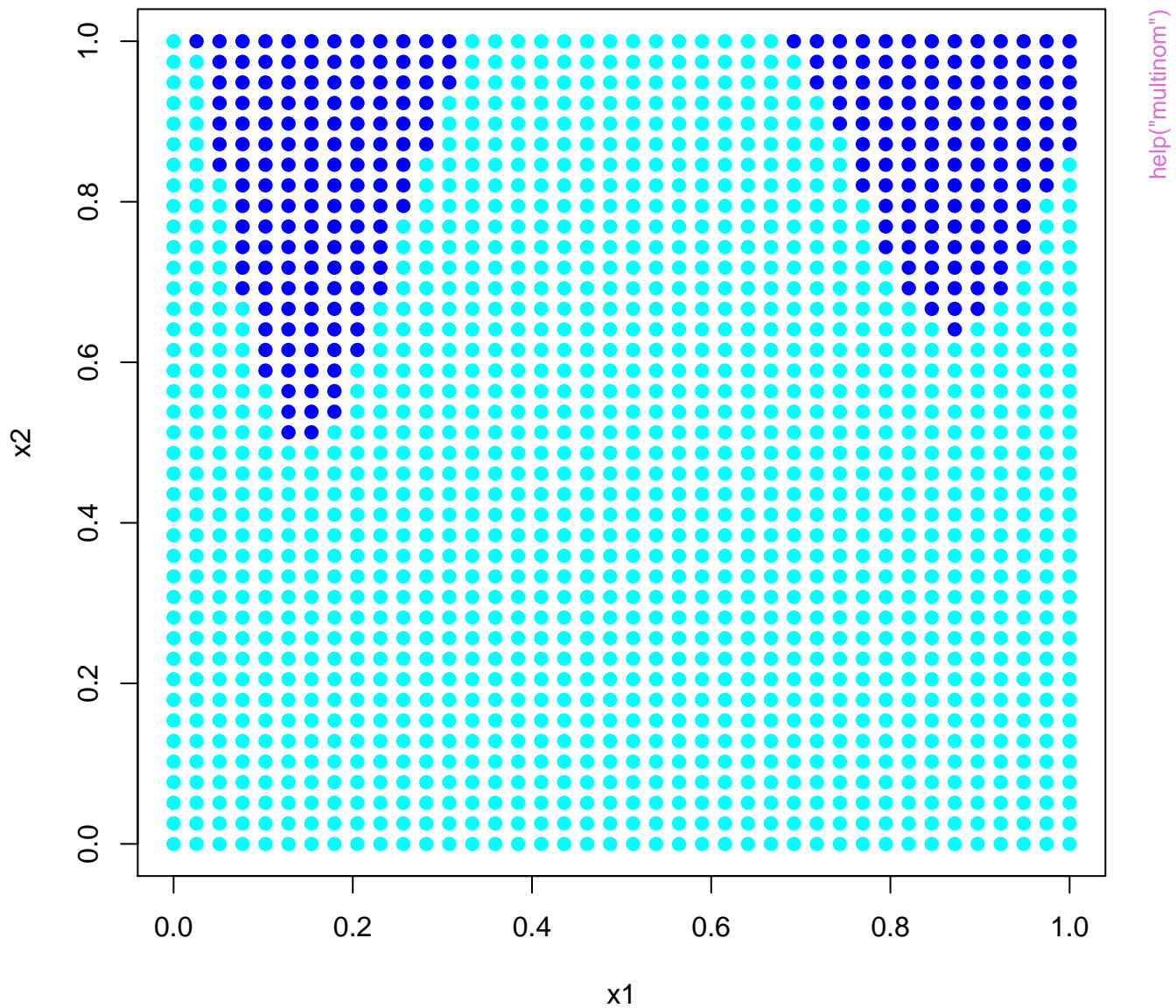


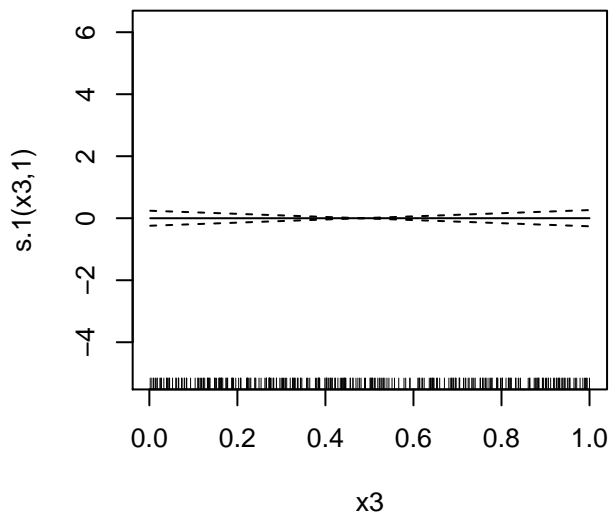
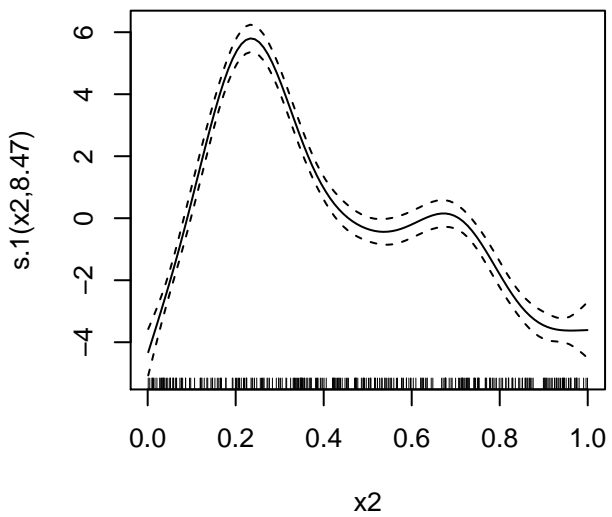
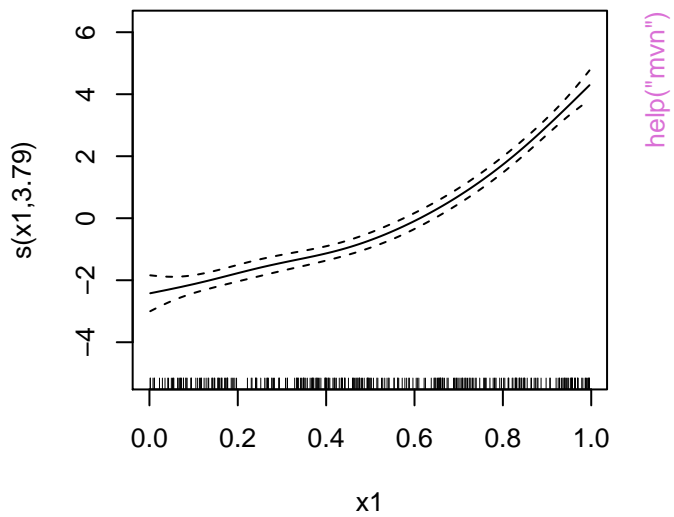
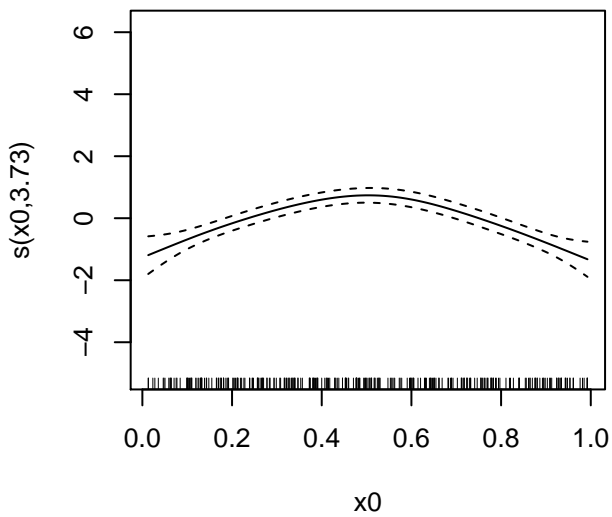
Histogram of residuals

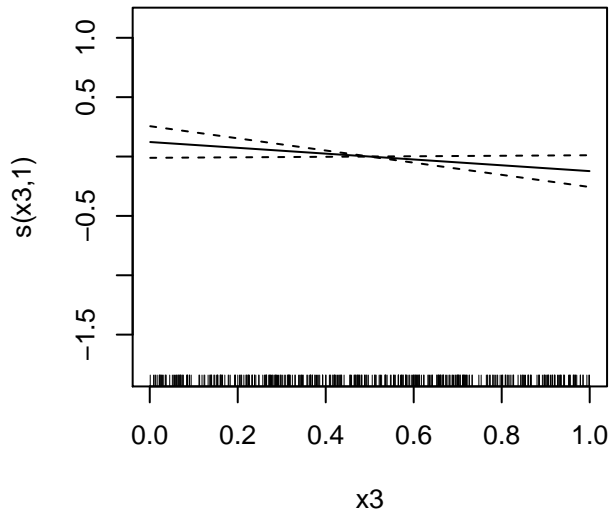
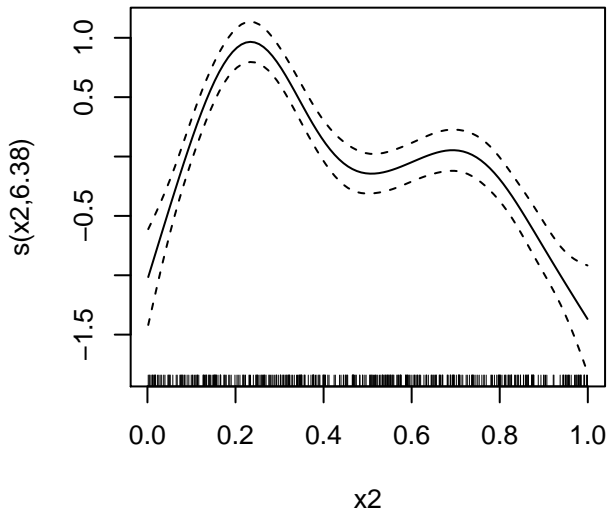
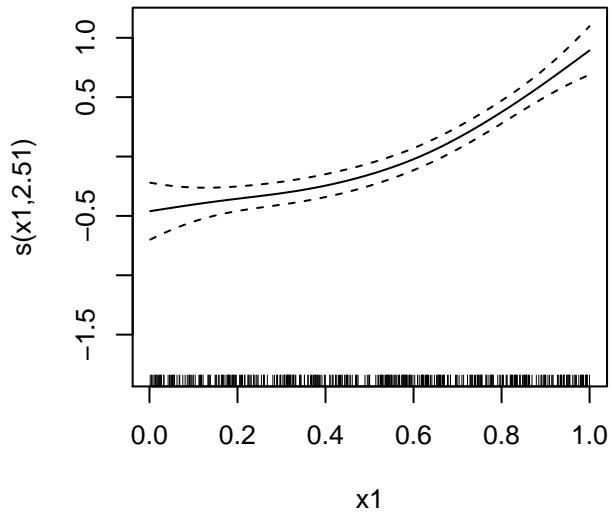
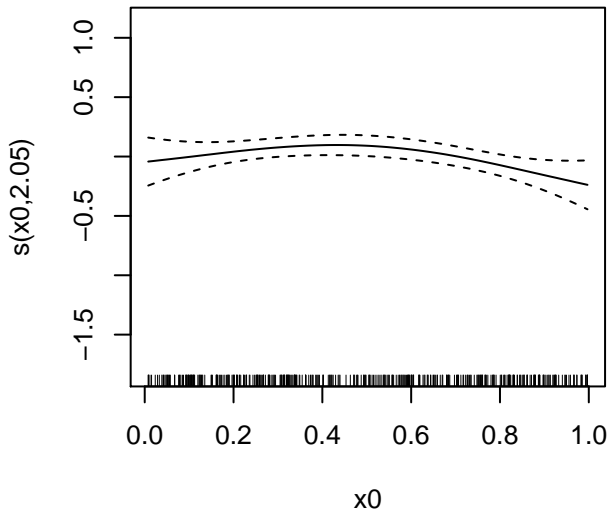


Response vs. Fitted Values

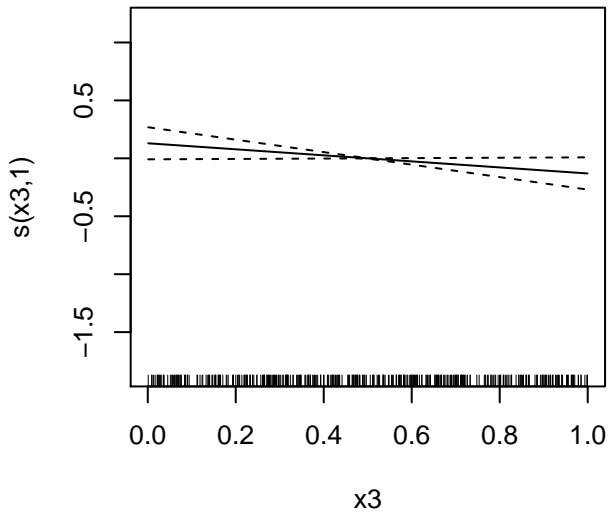
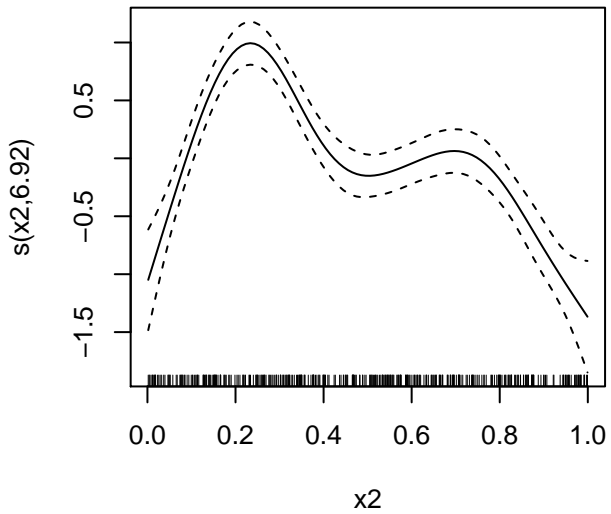
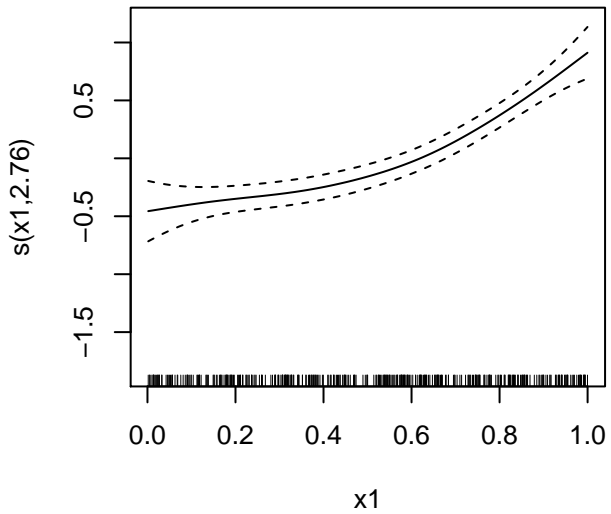
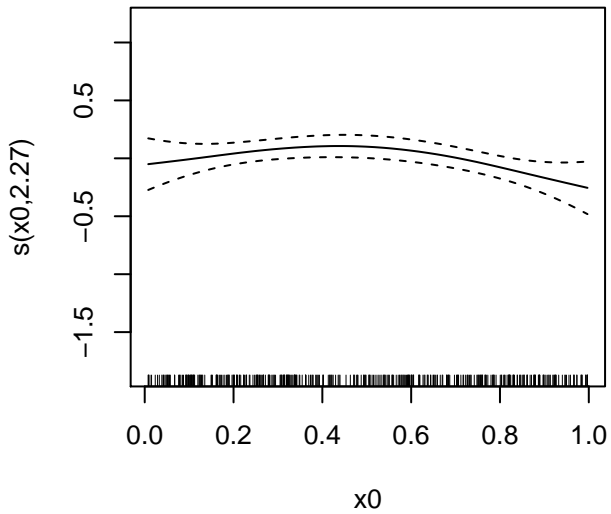




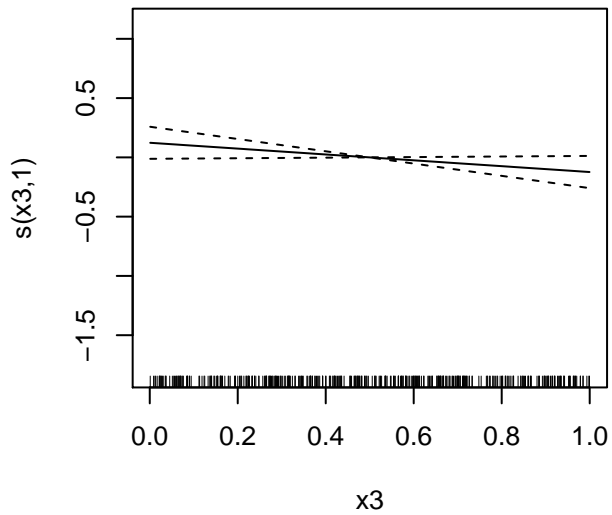
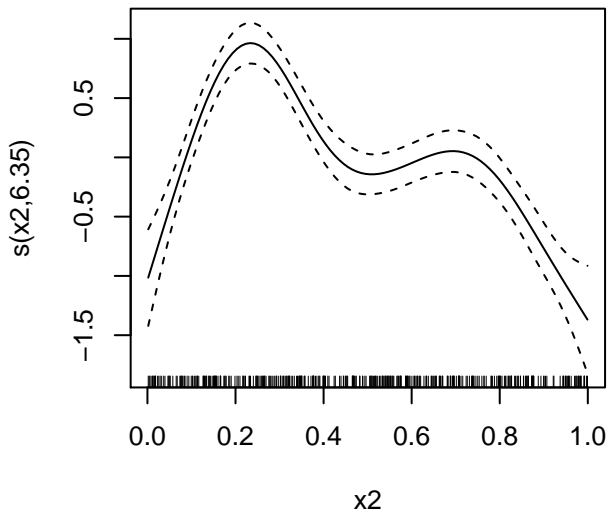
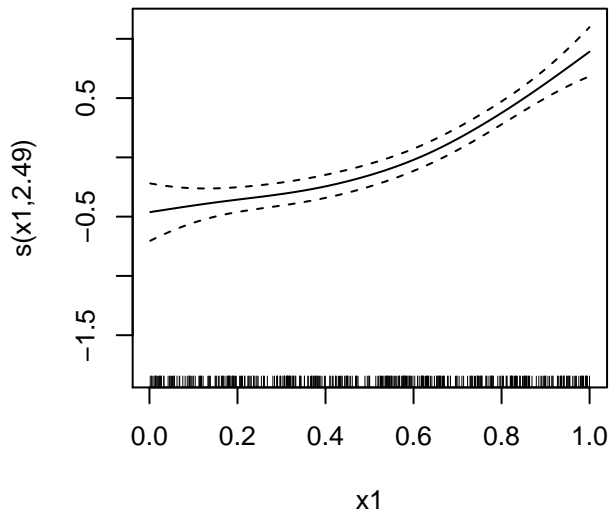
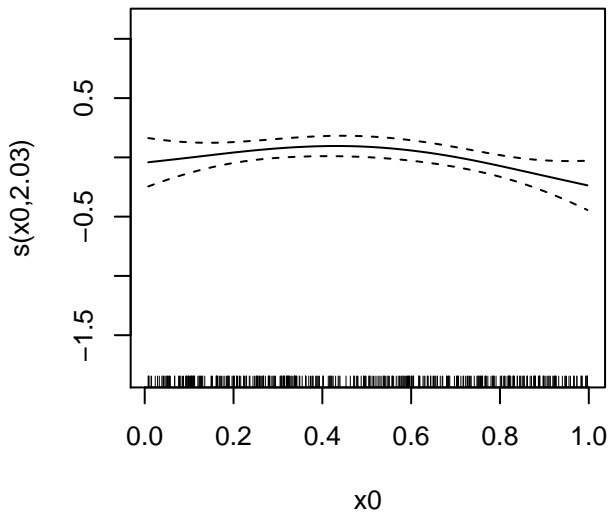




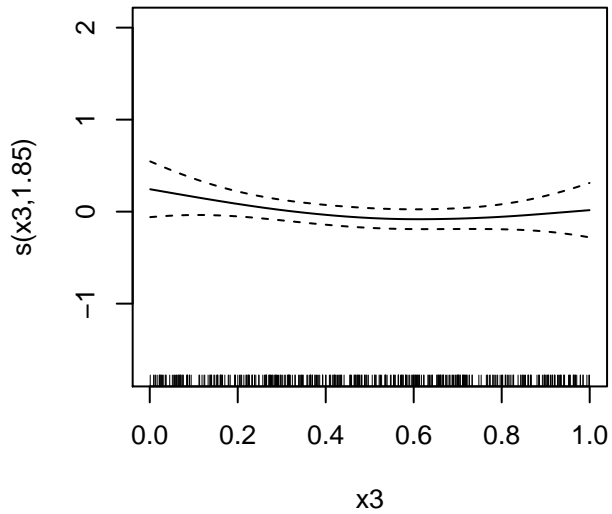
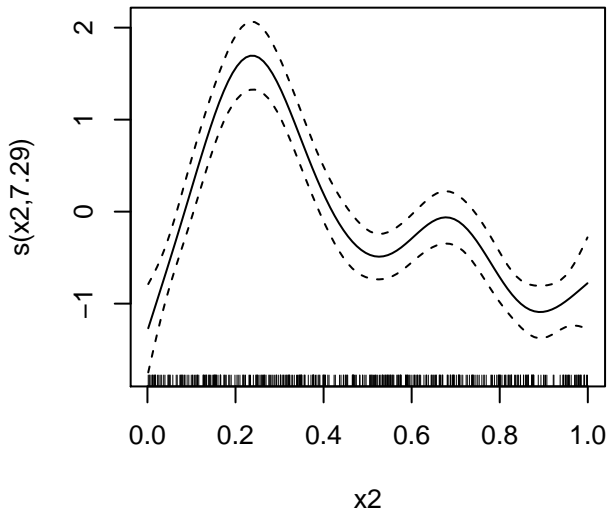
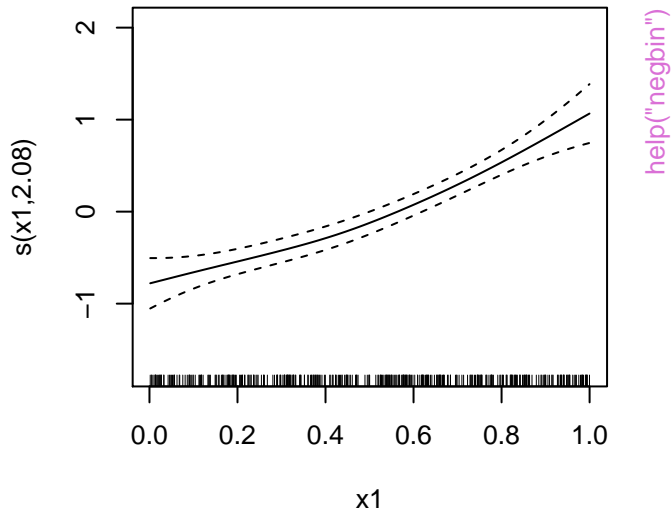
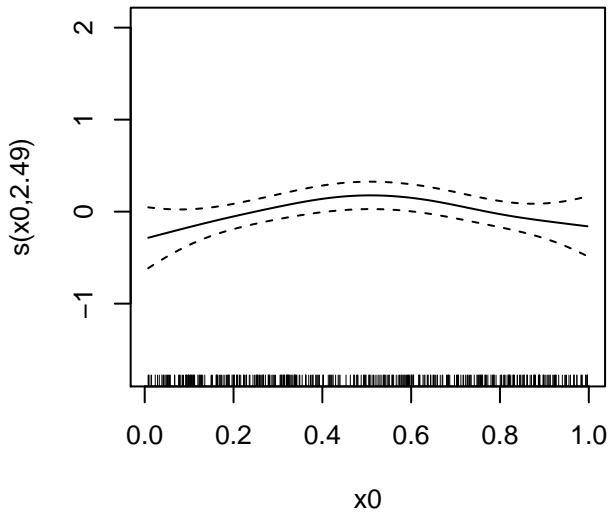
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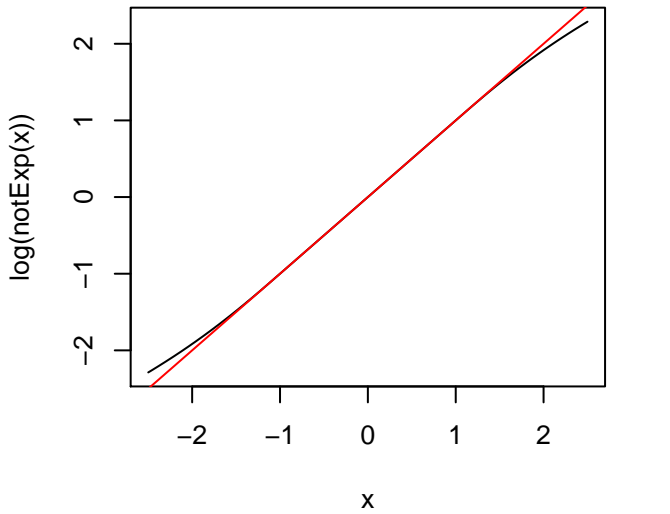
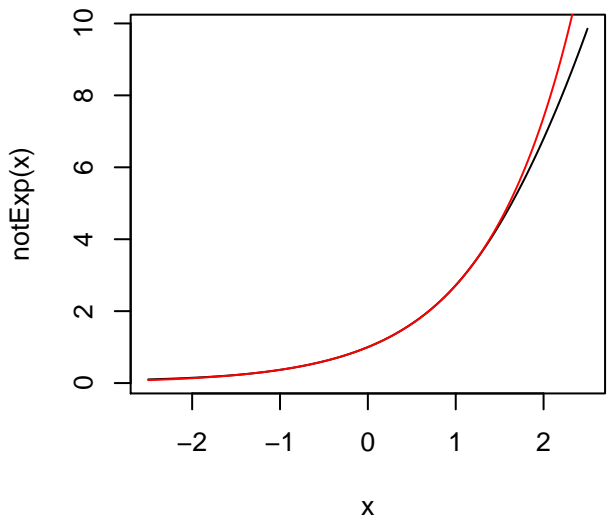
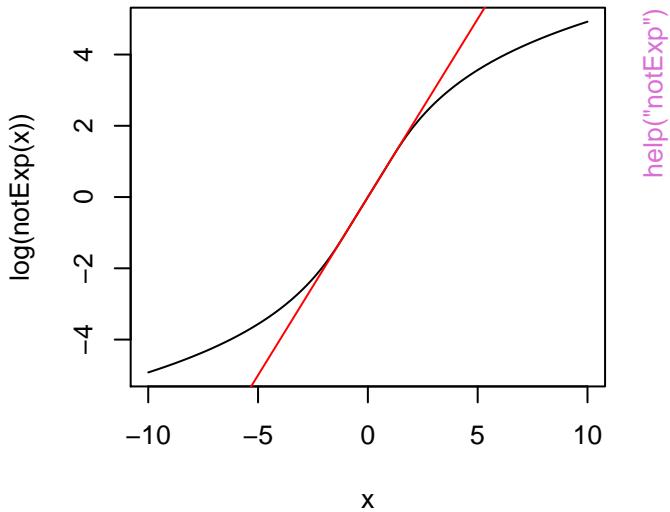
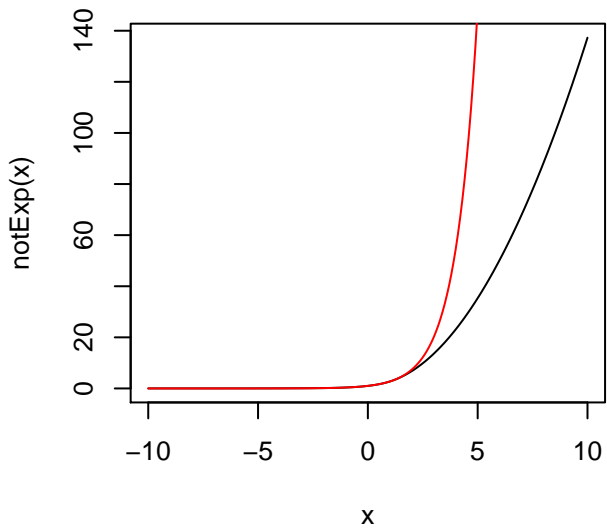


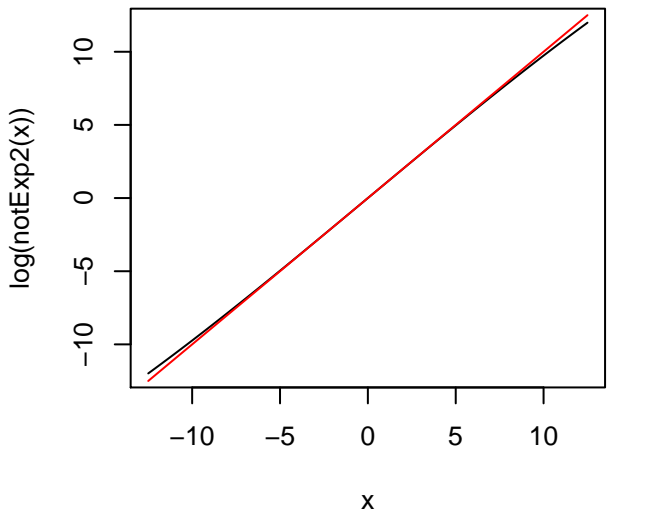
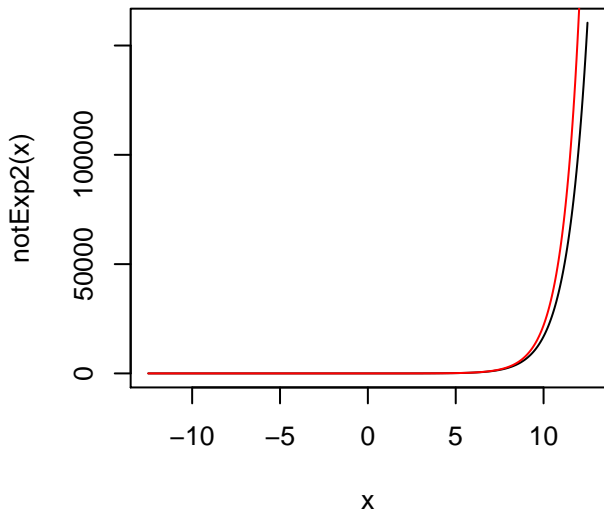
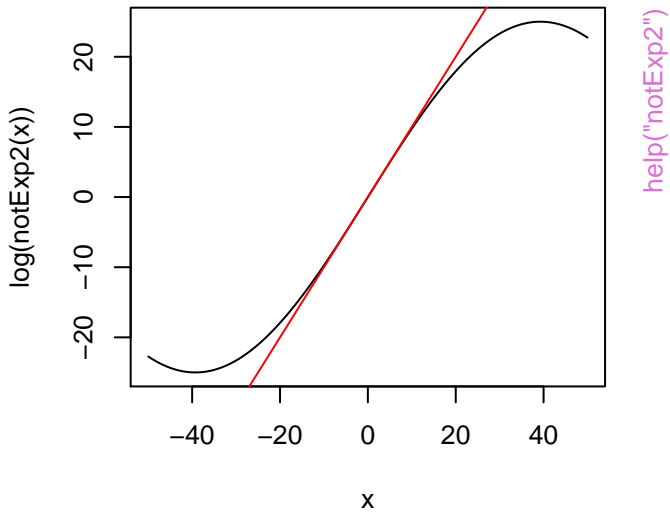
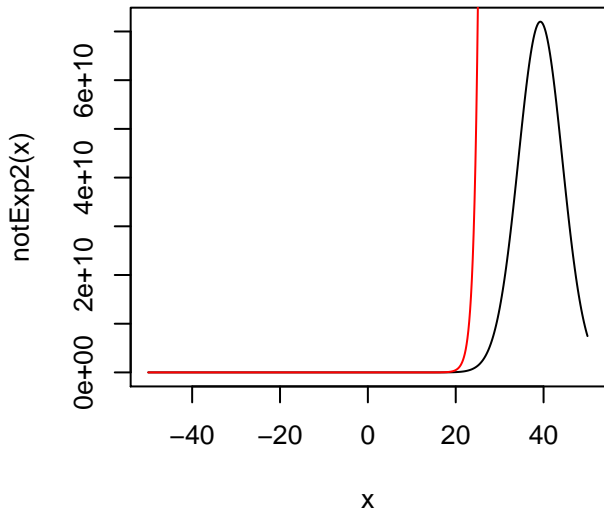
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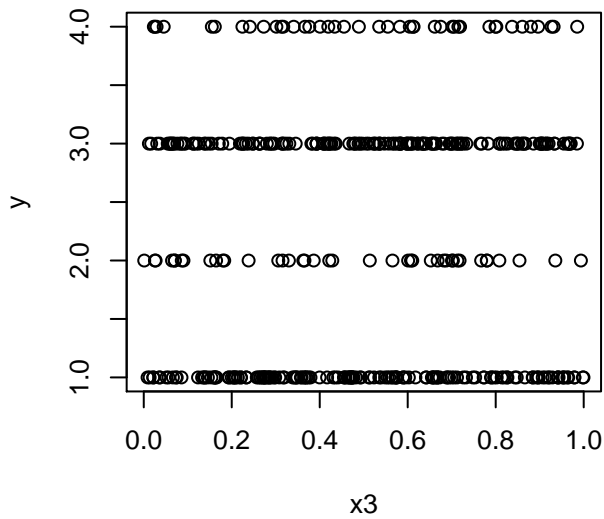
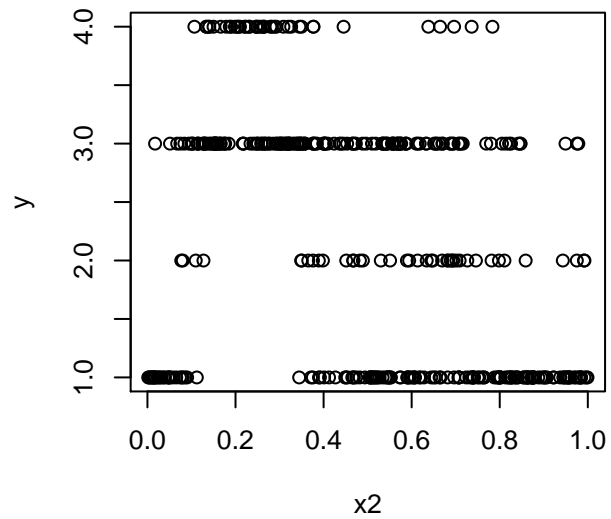
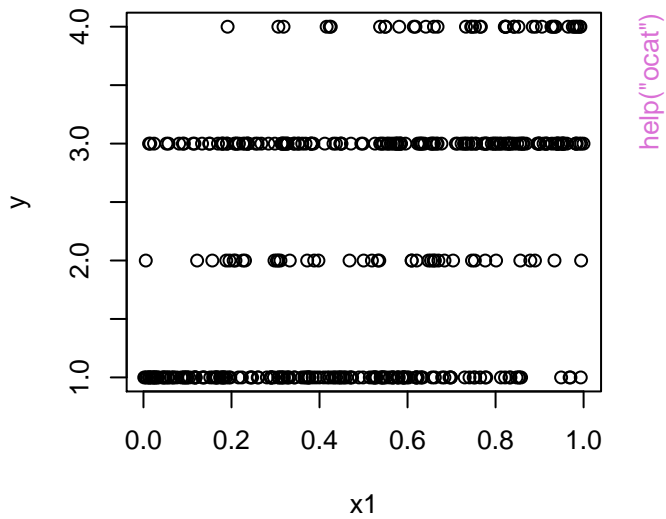
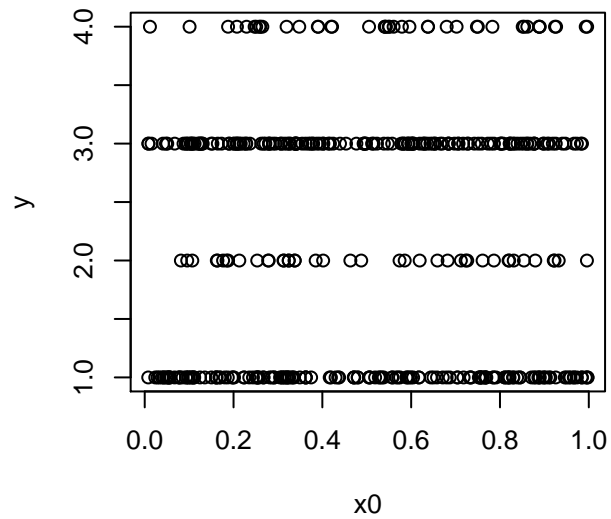


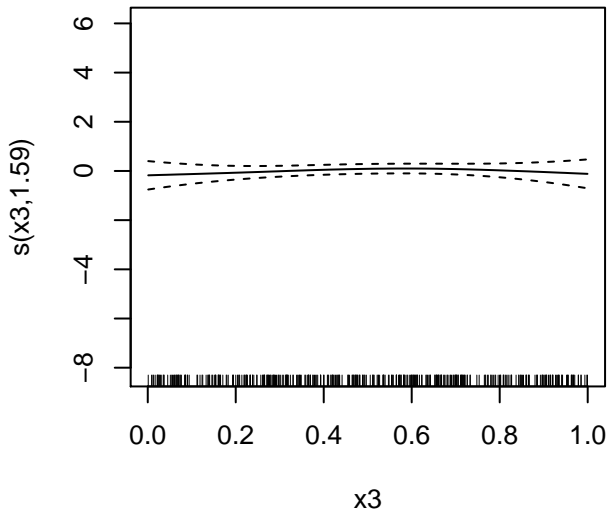
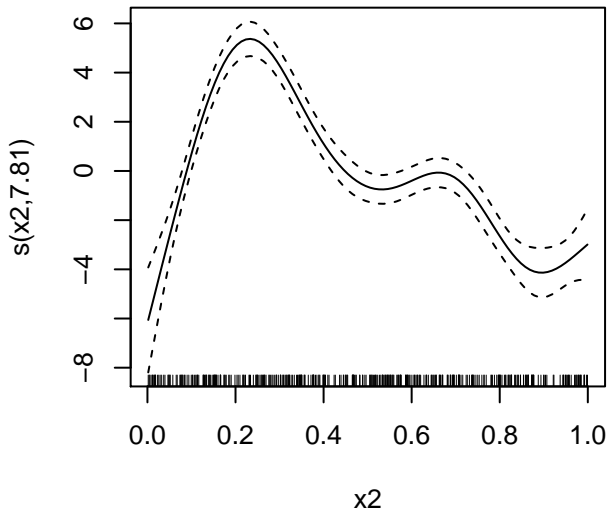
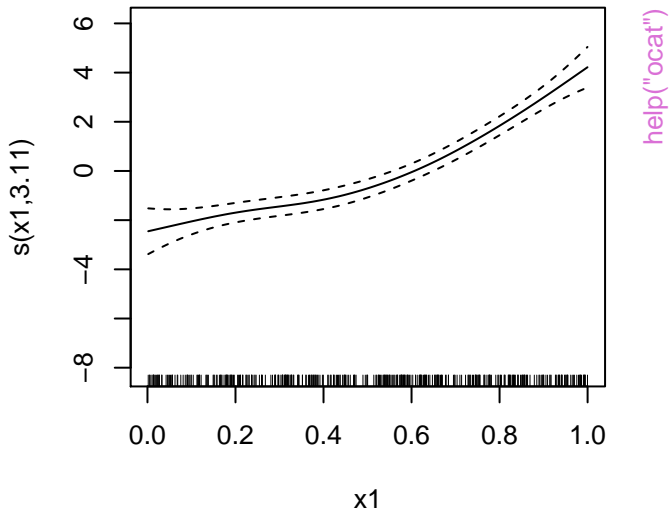
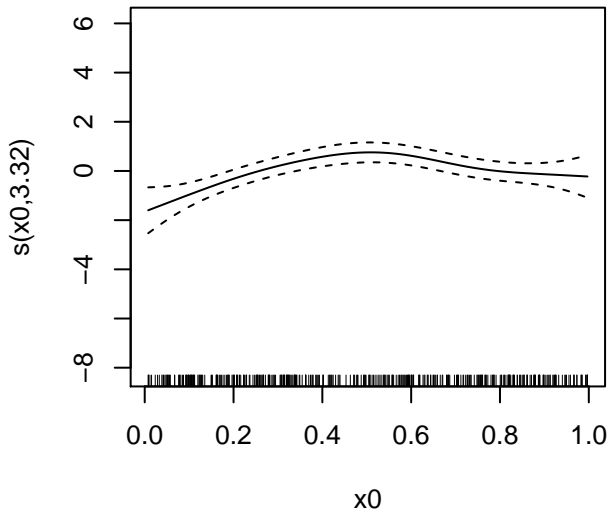
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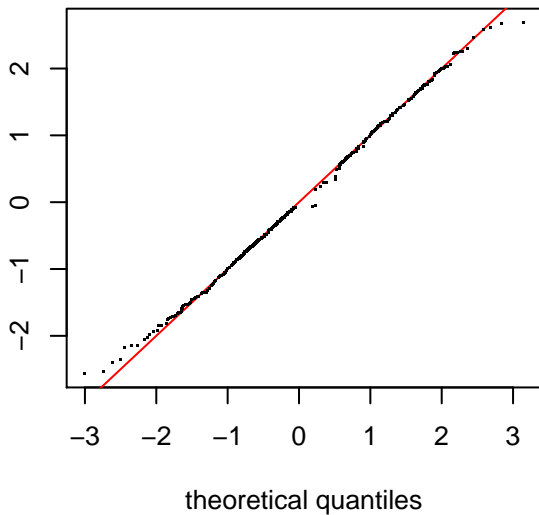




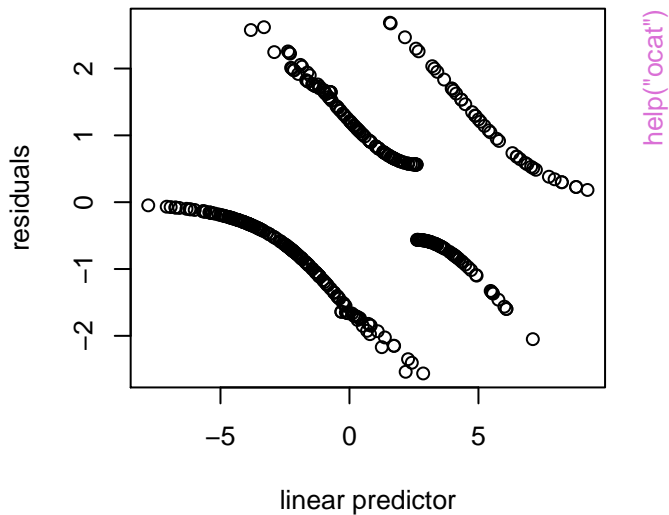


help("ocat")

deviance residuals

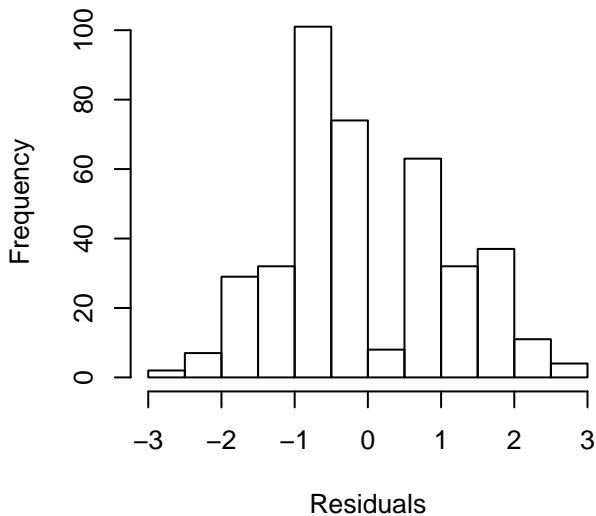


Resids vs. linear pred.

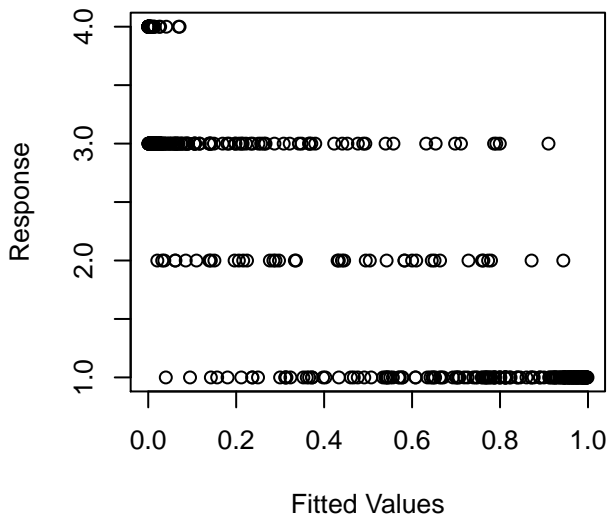


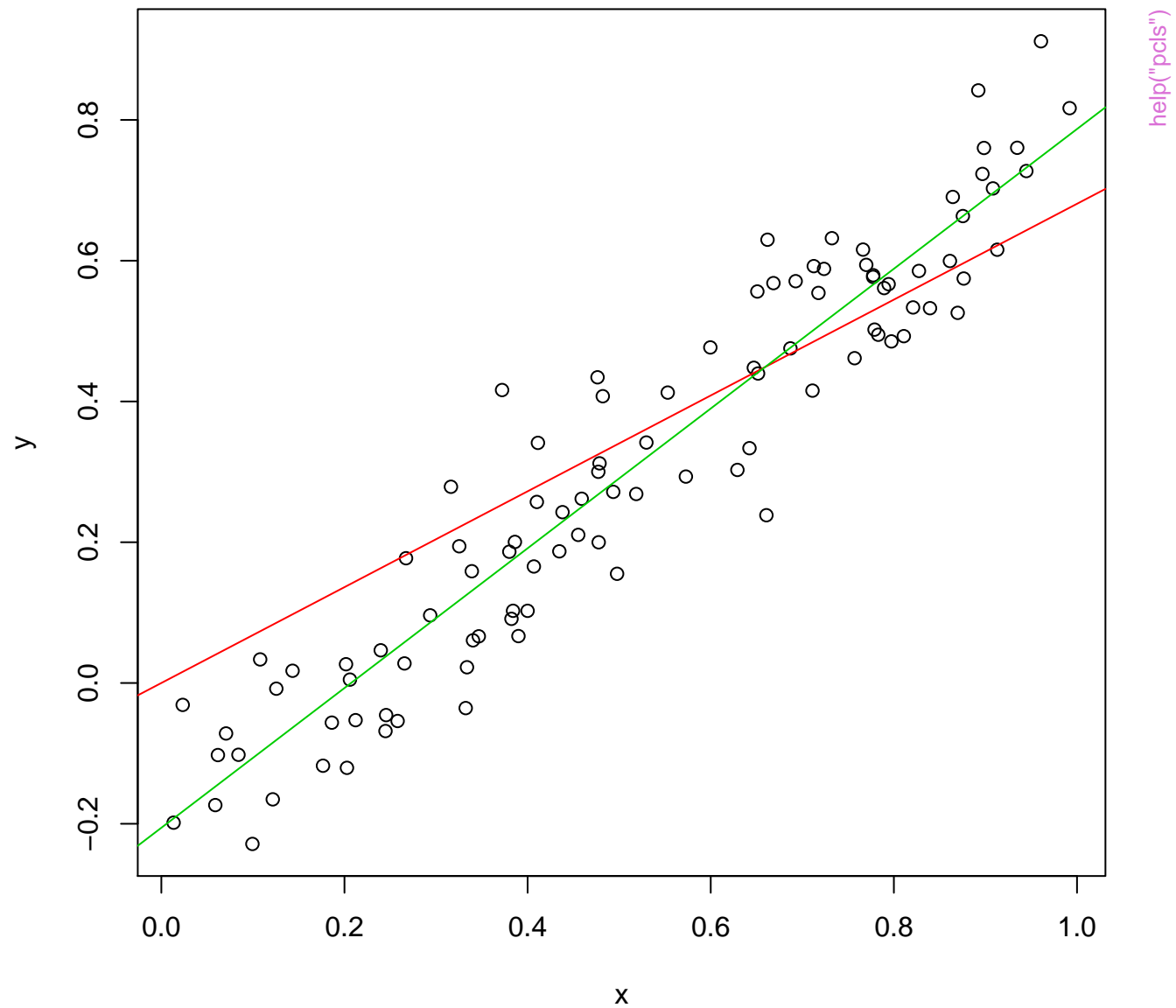
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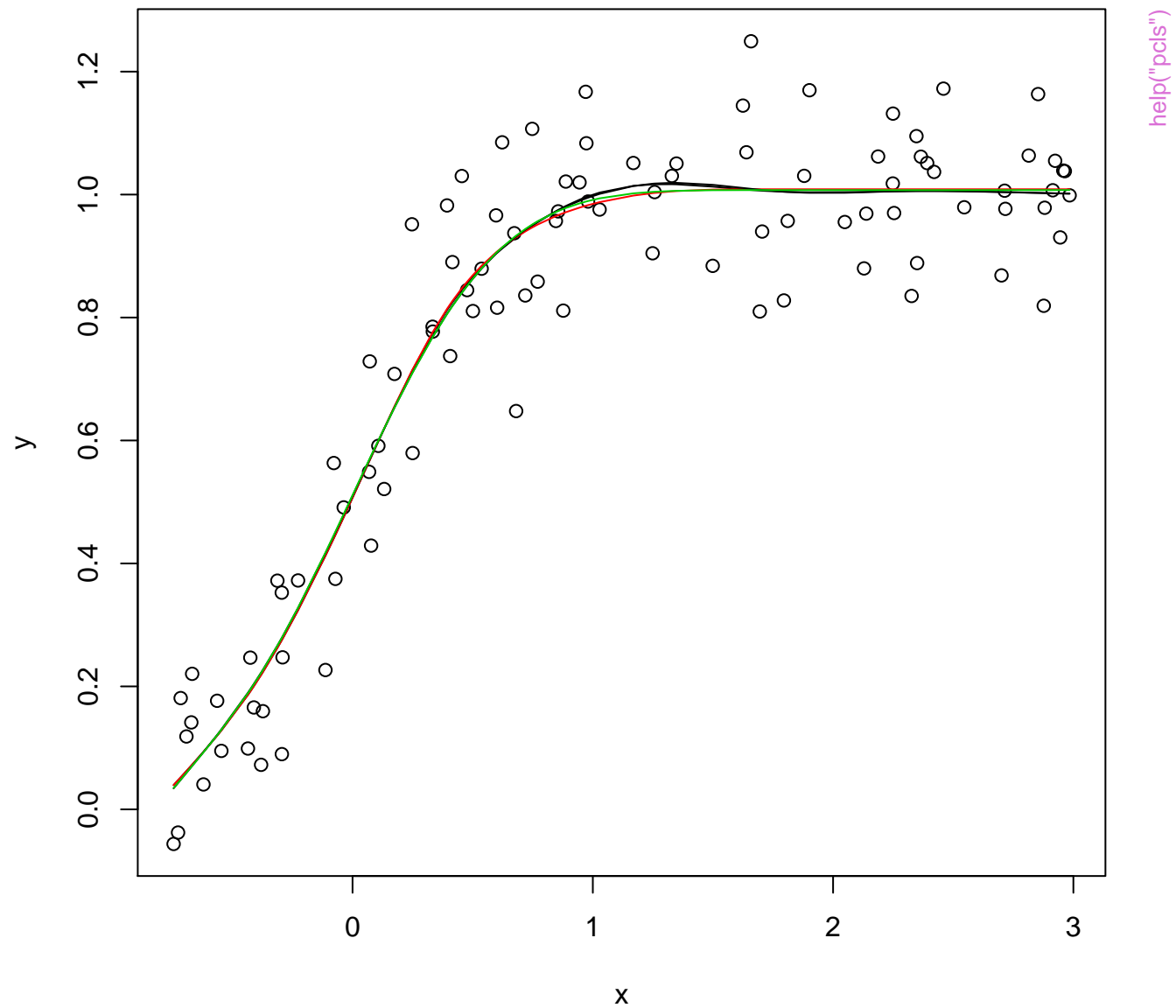
Histogram of residuals

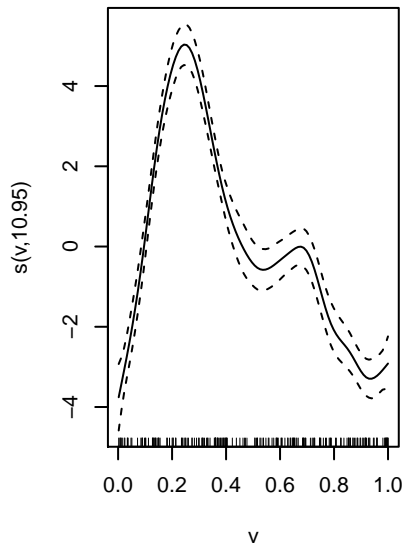
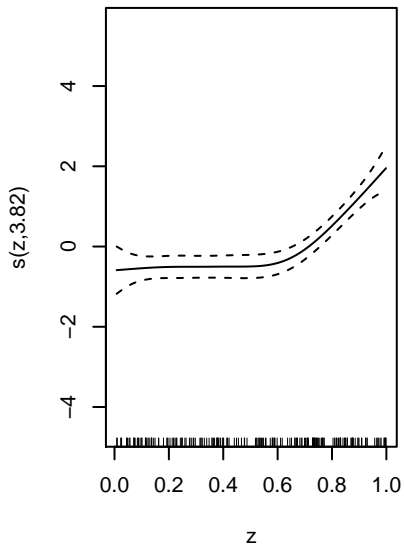
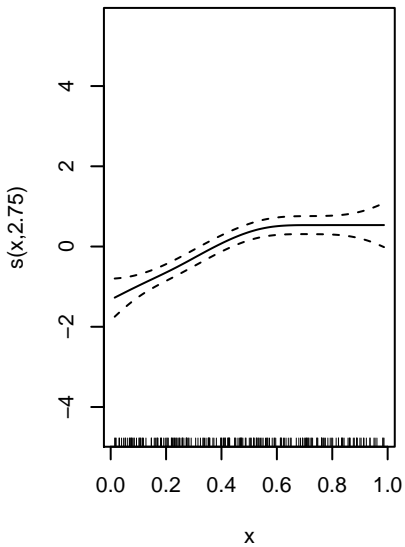
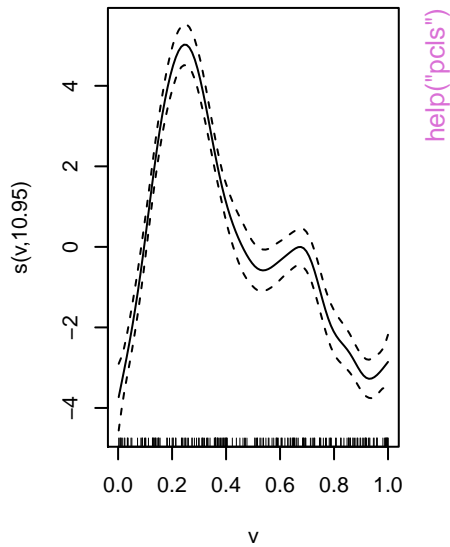
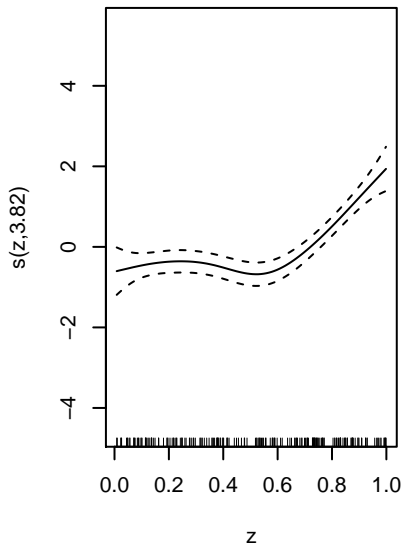
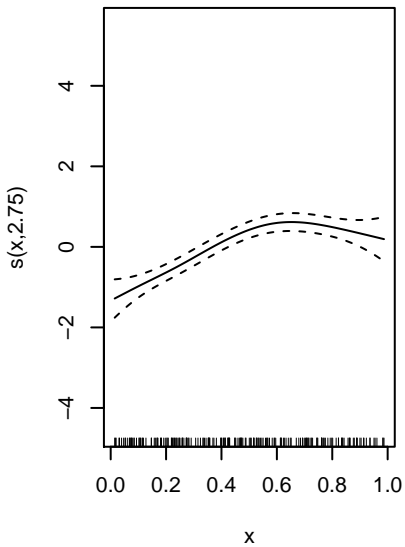


Response vs. Fitted Values

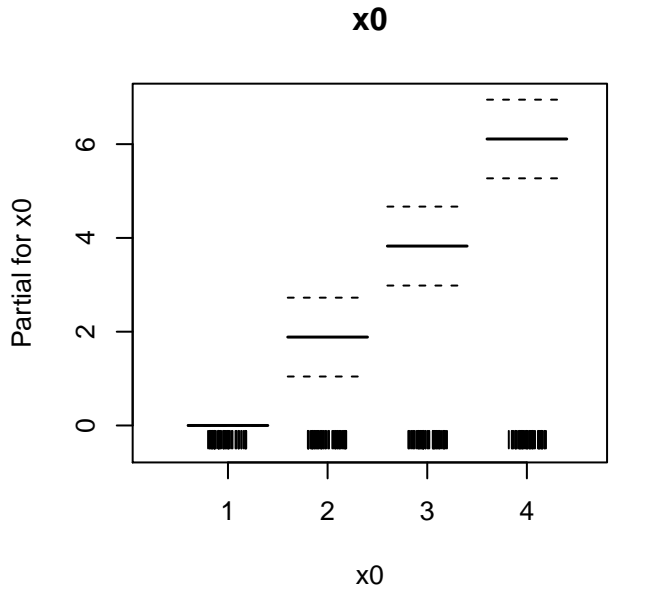
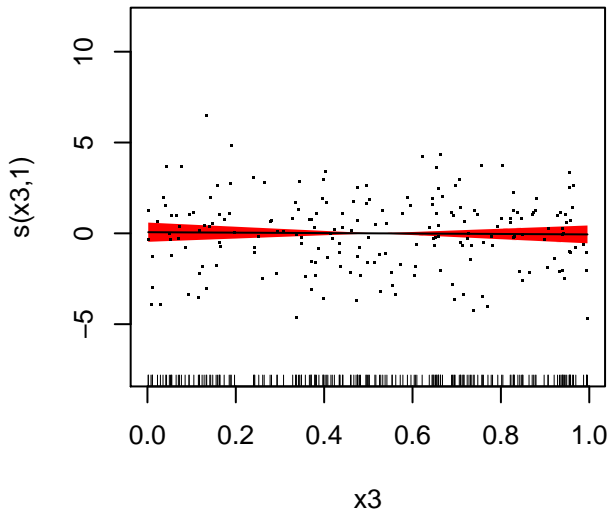
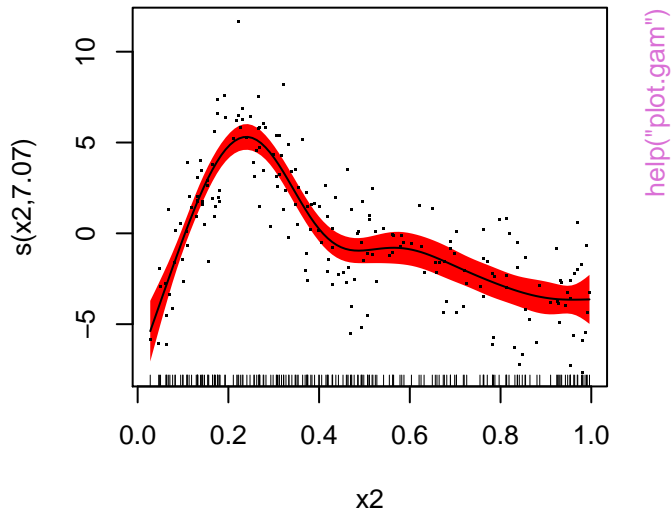
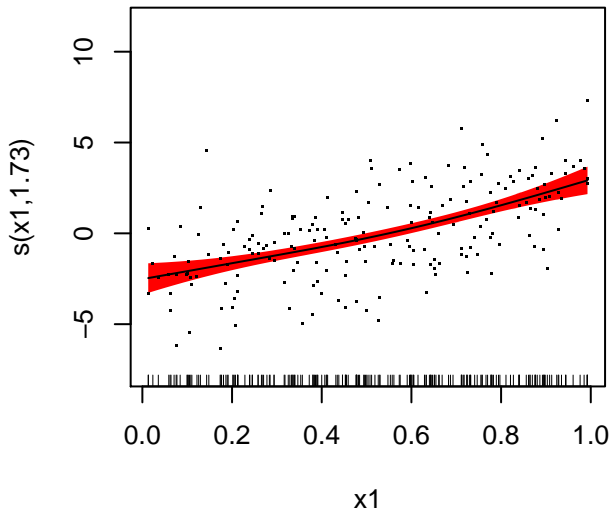


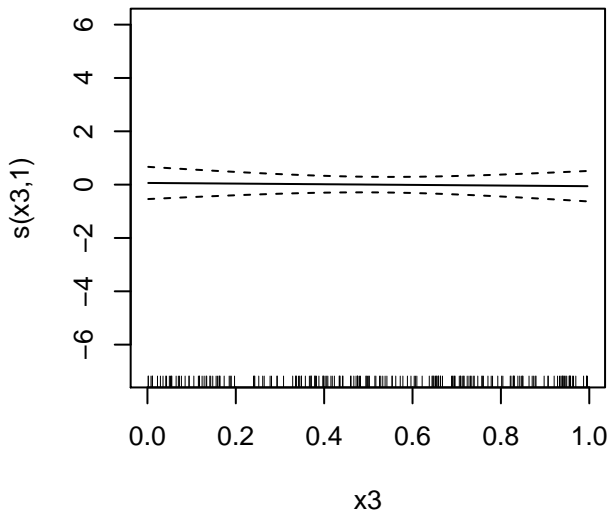
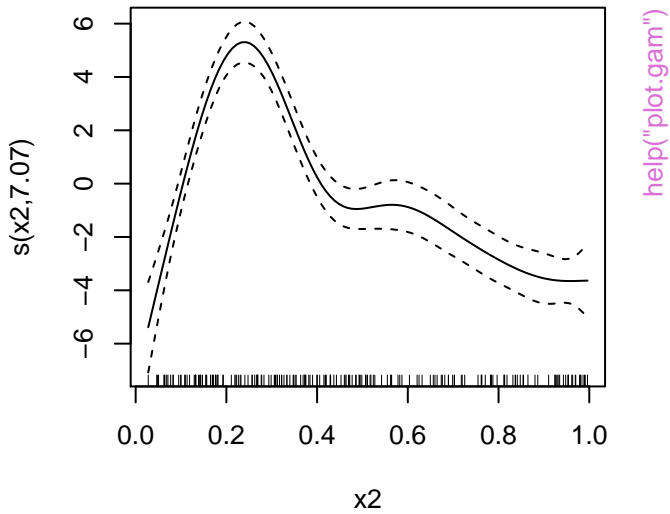
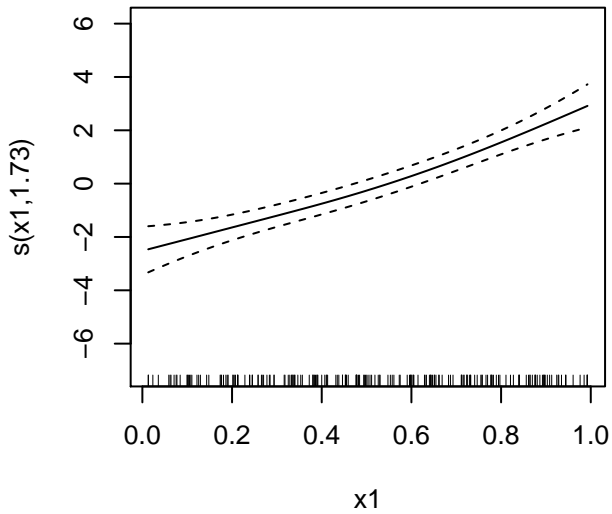




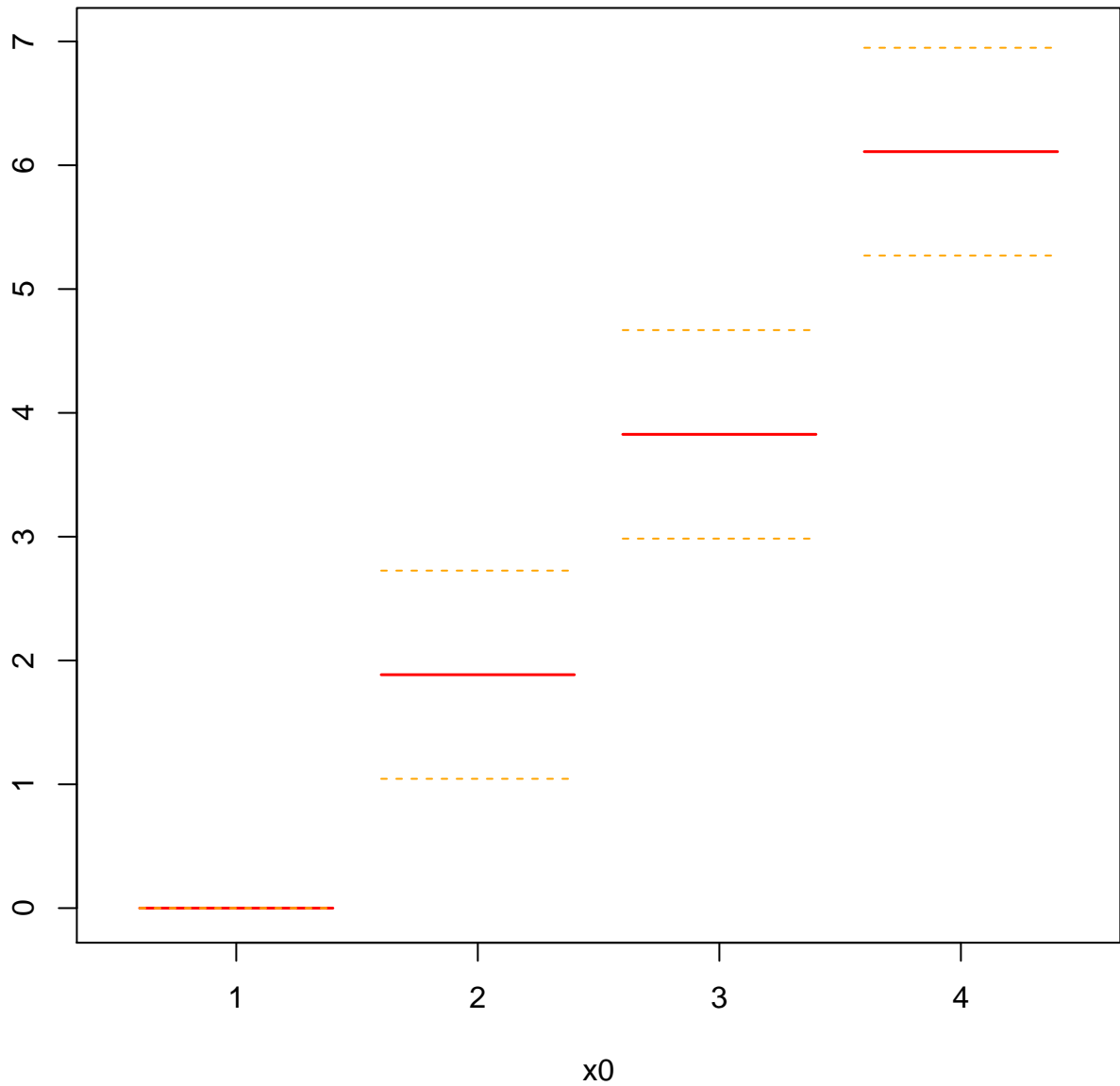


help("pals")

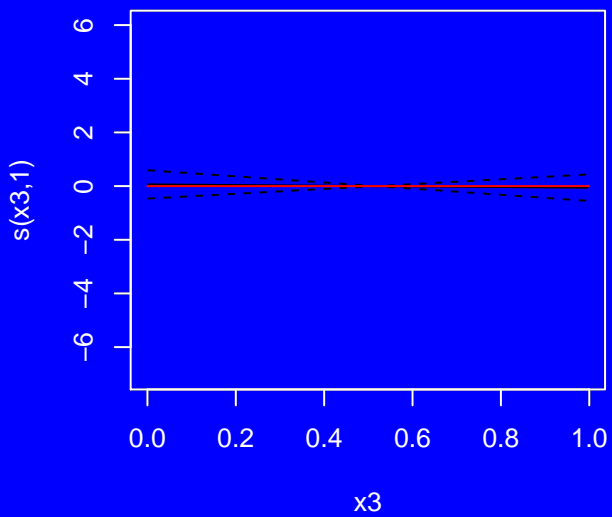
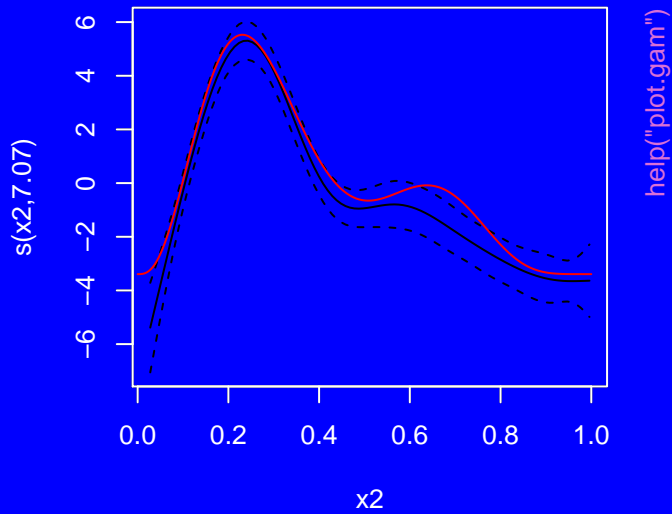
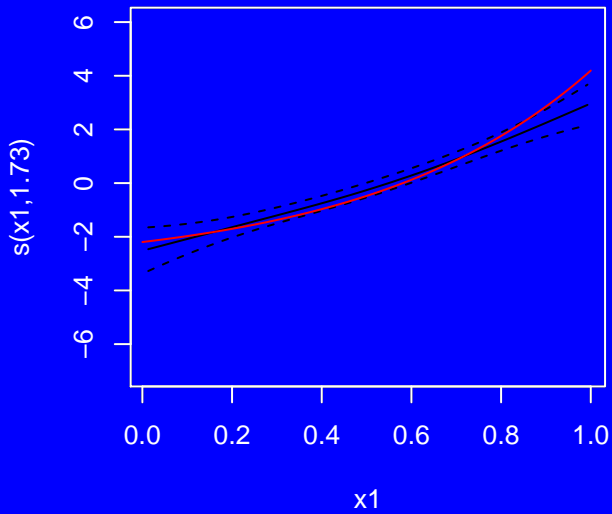


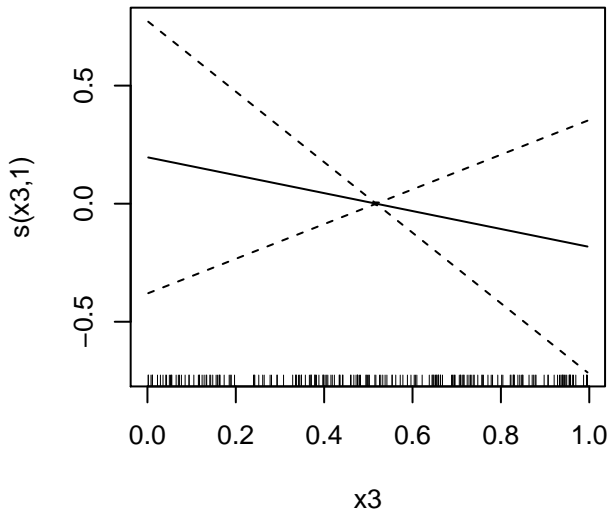
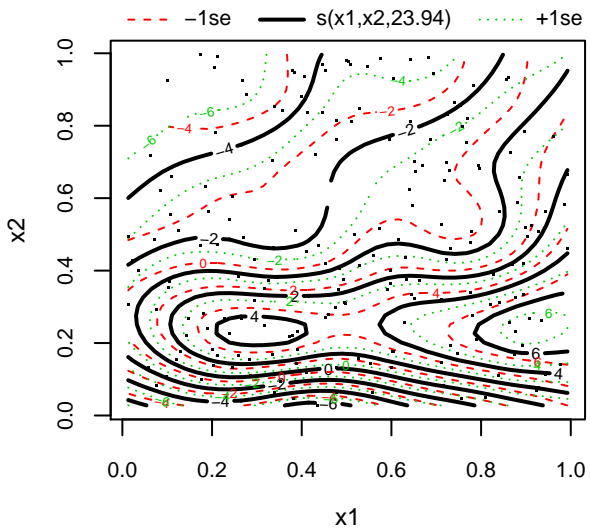


Partial for x0

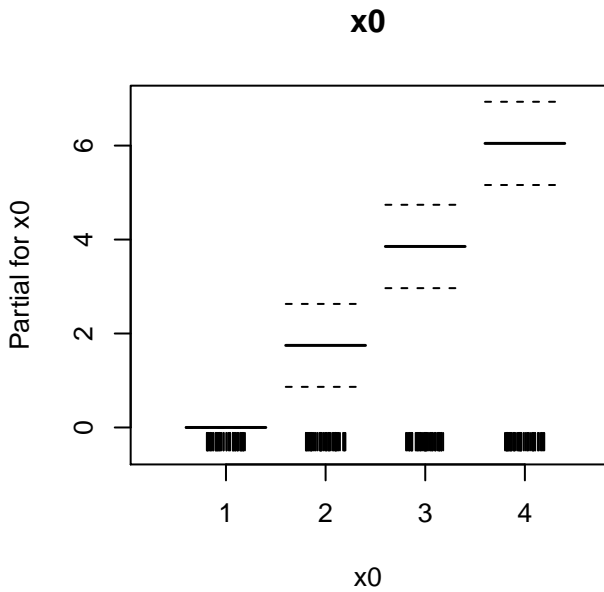


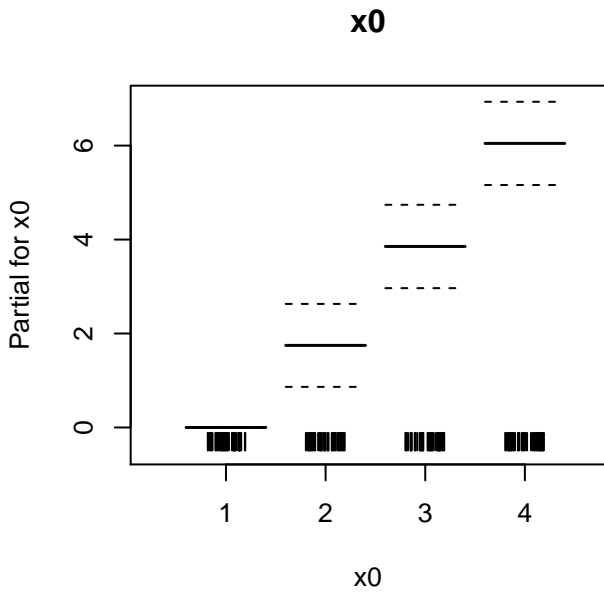
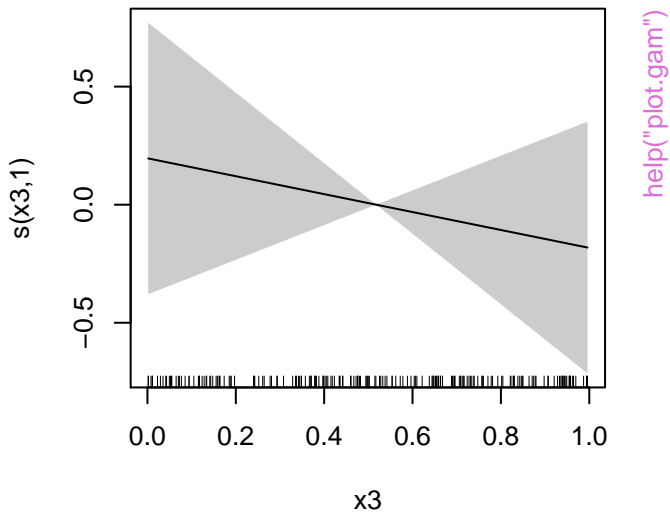
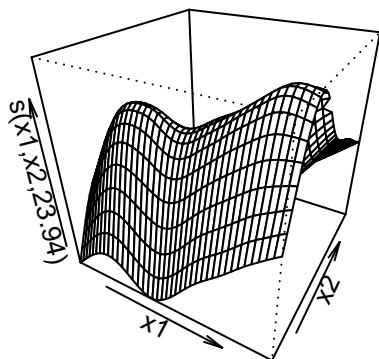
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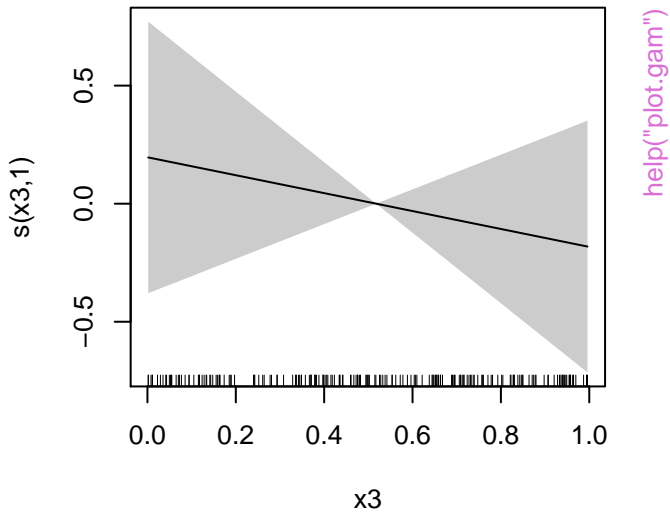
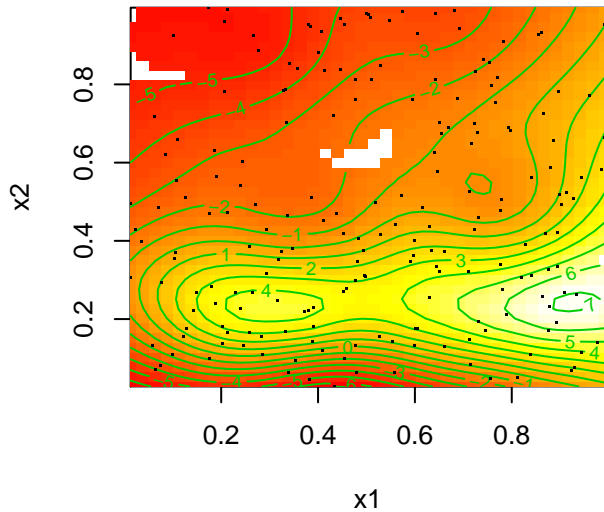


help("plot.gam")

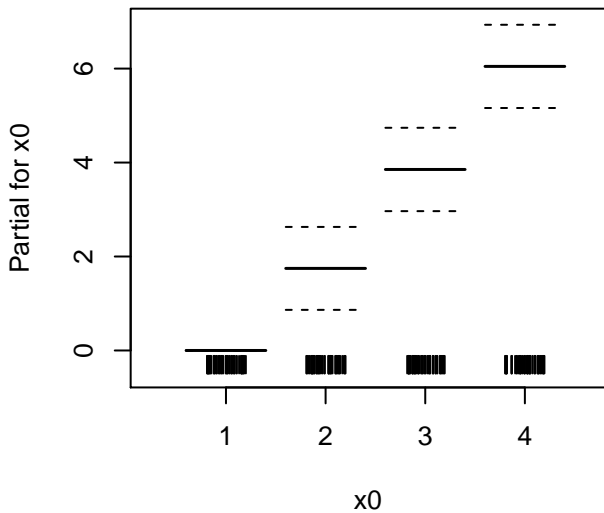


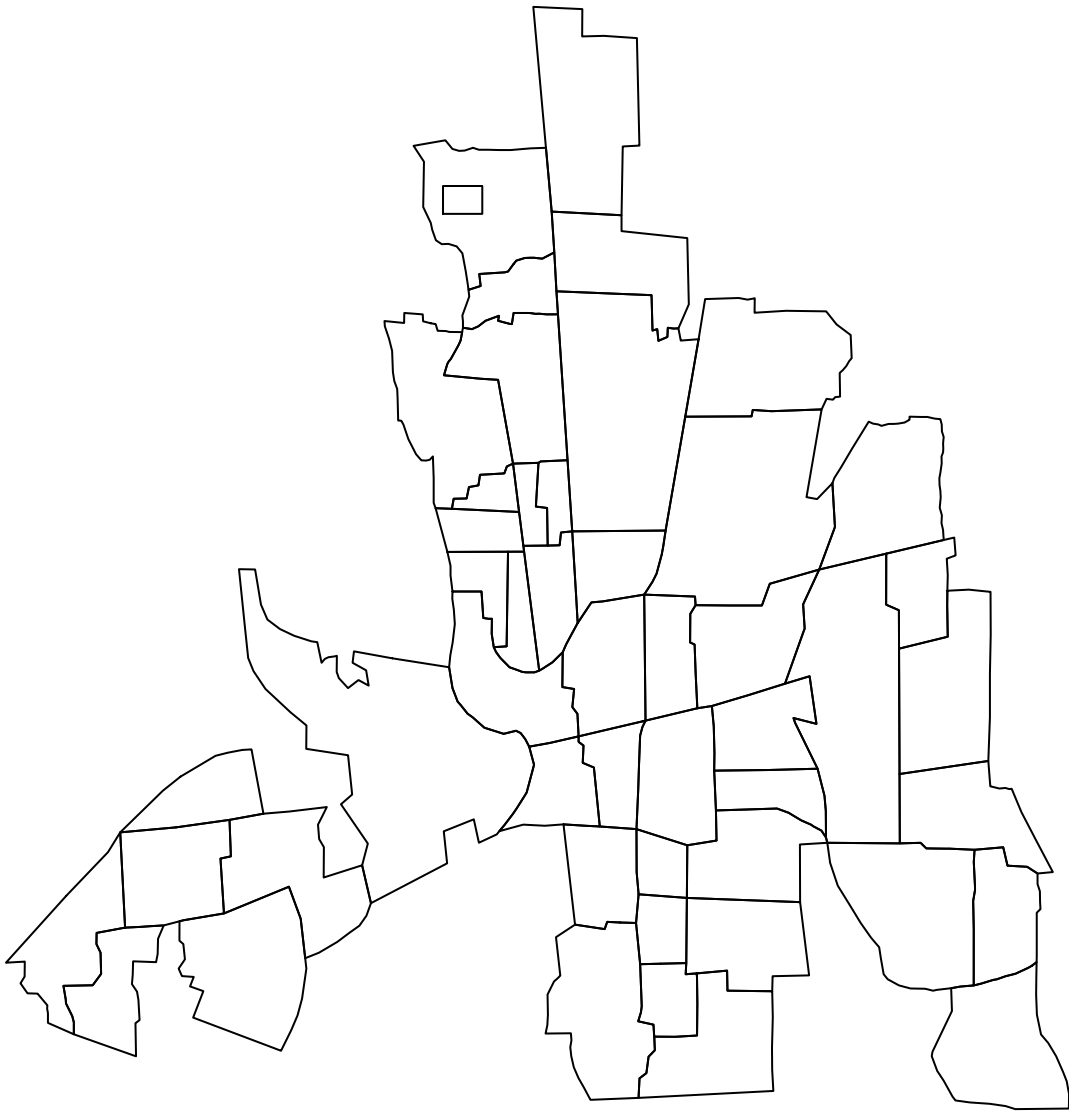


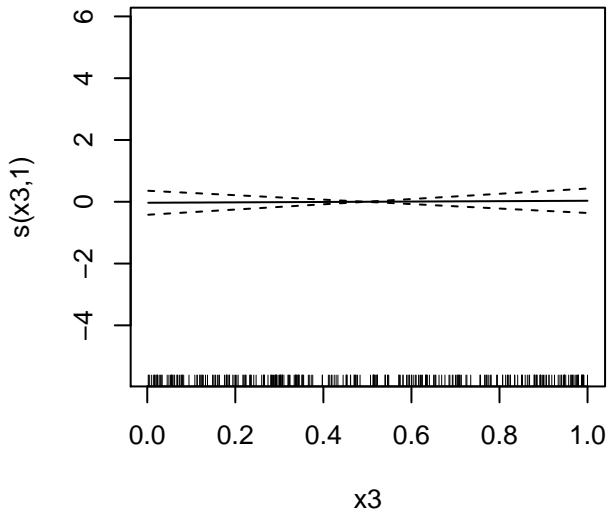
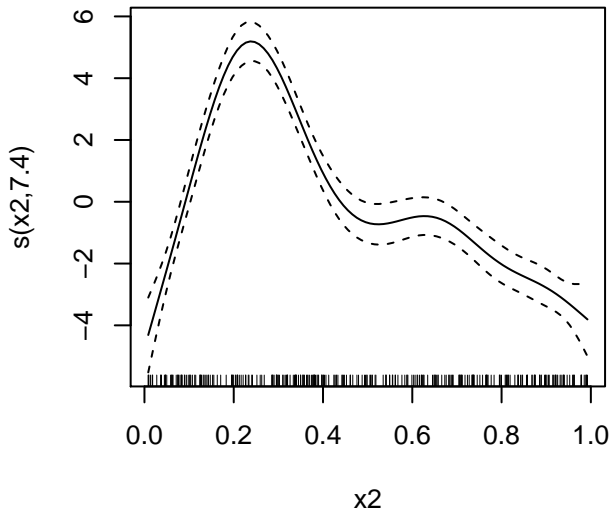
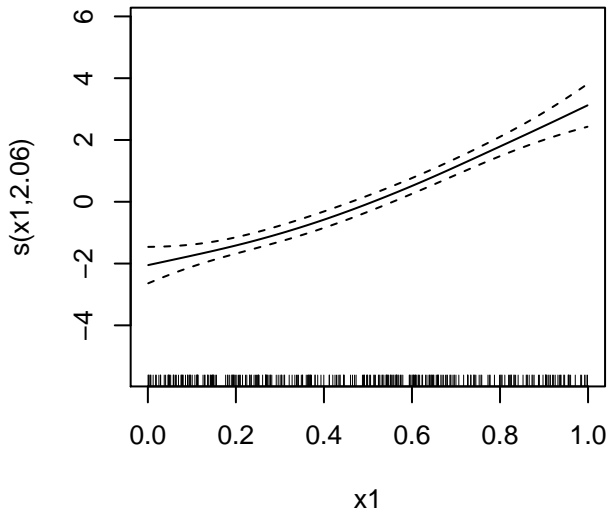
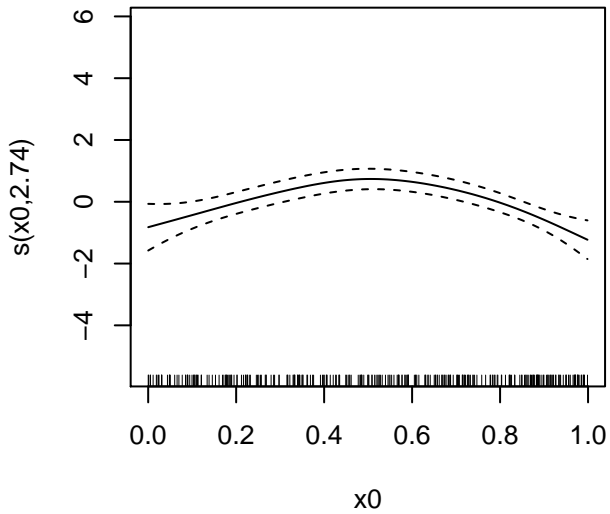
s(x1,x2,23.94)



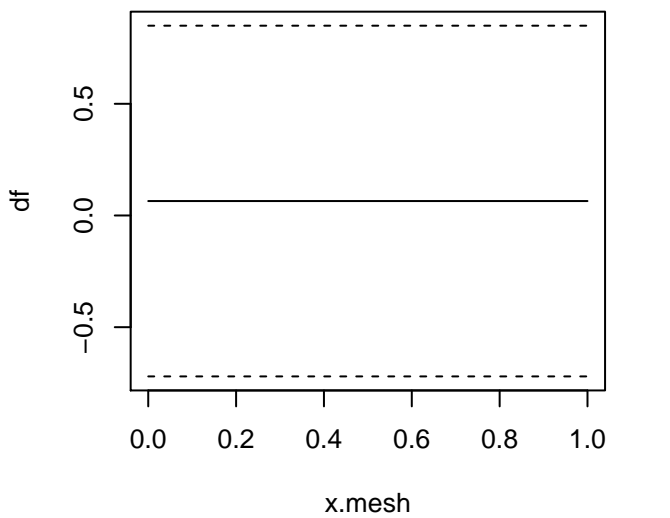
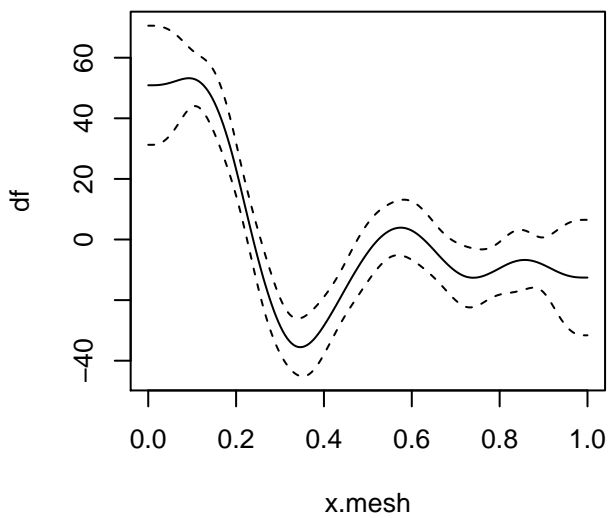
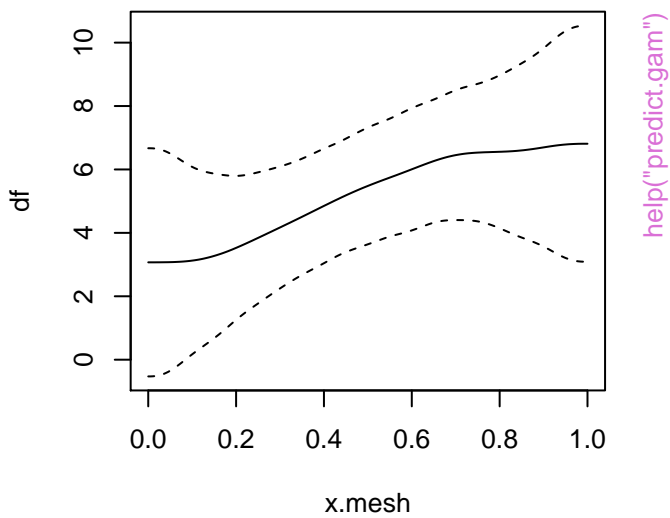
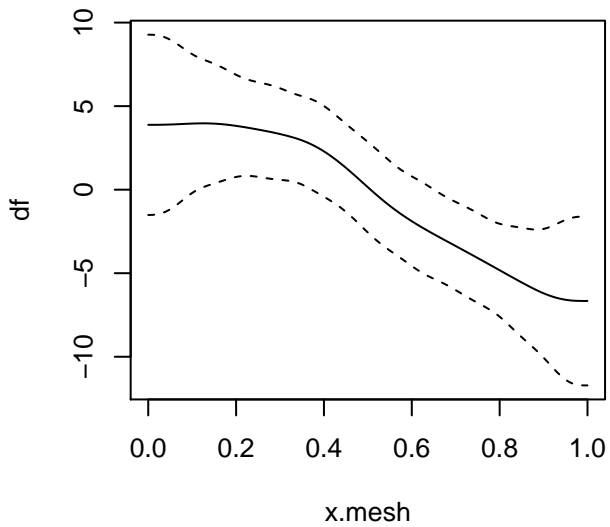
x0





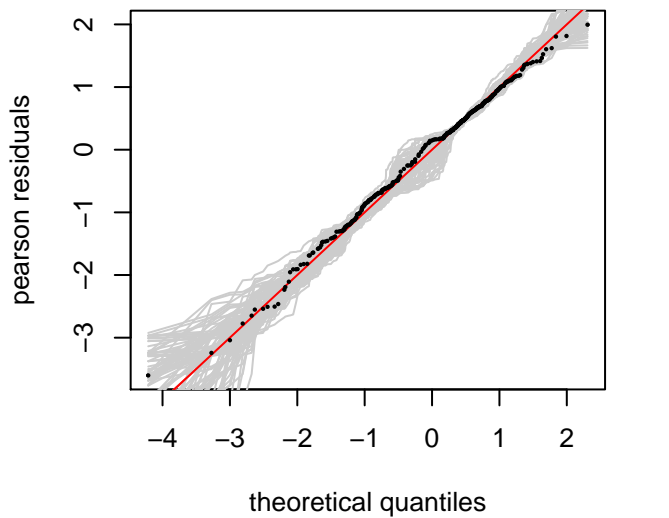
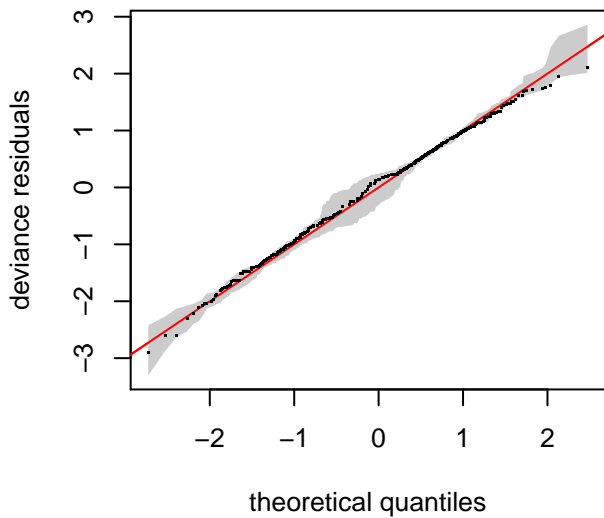
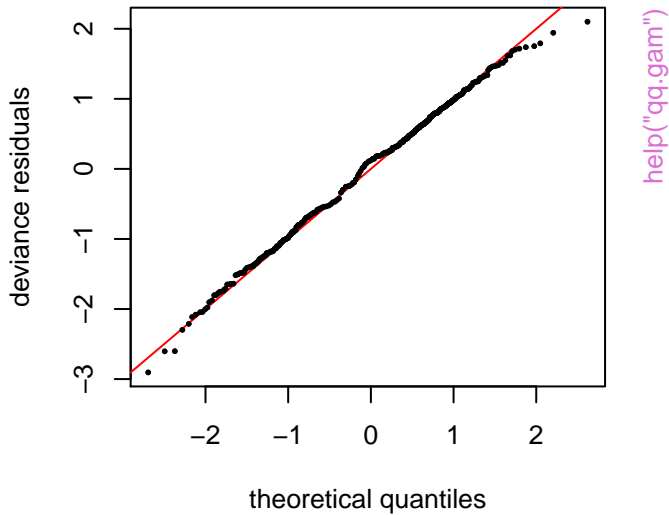
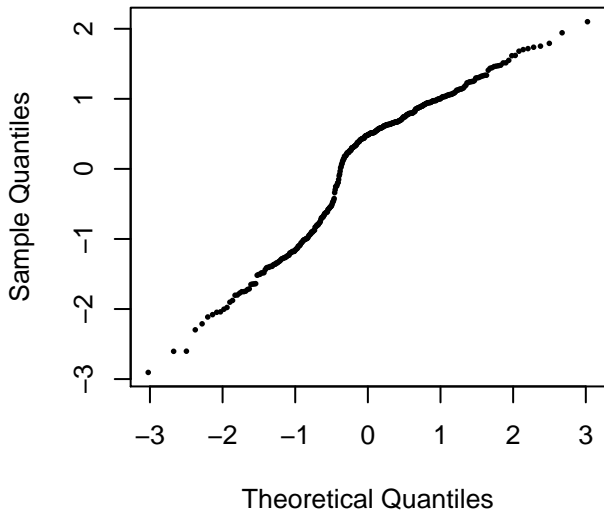


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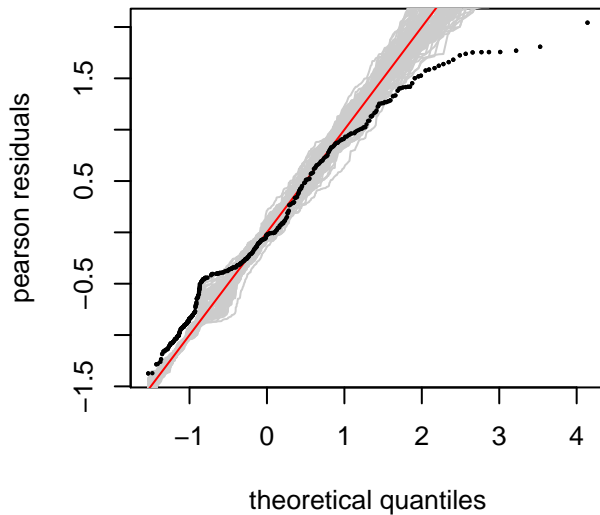
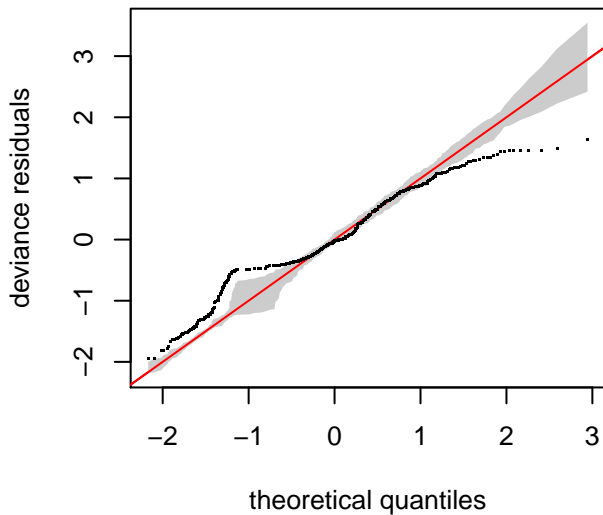
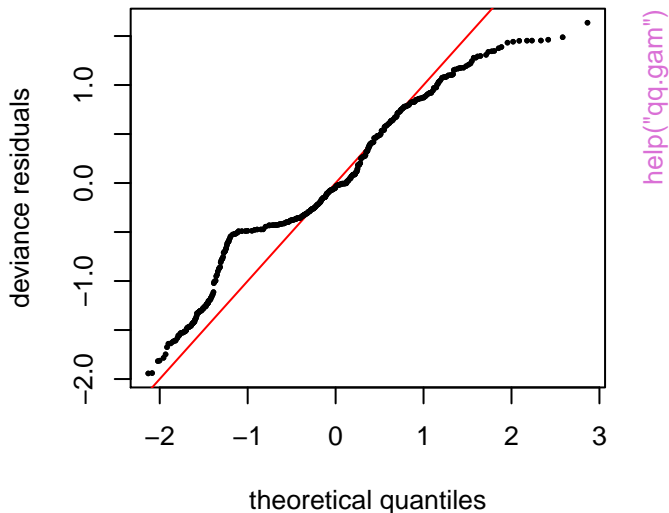
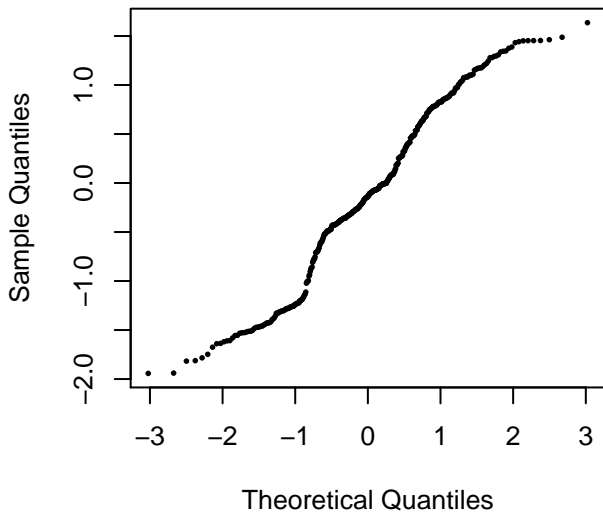


help("predict.gam")

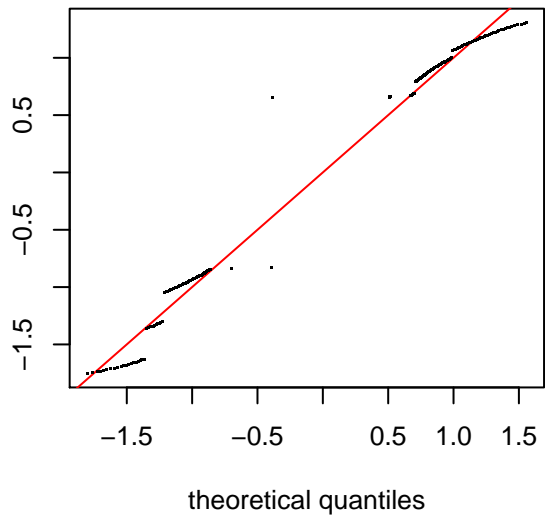
Normal Q-Q Plot



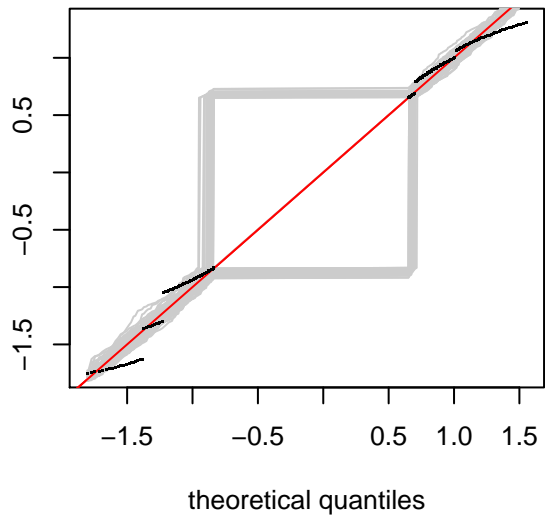
Normal Q-Q Plot



deviance residuals

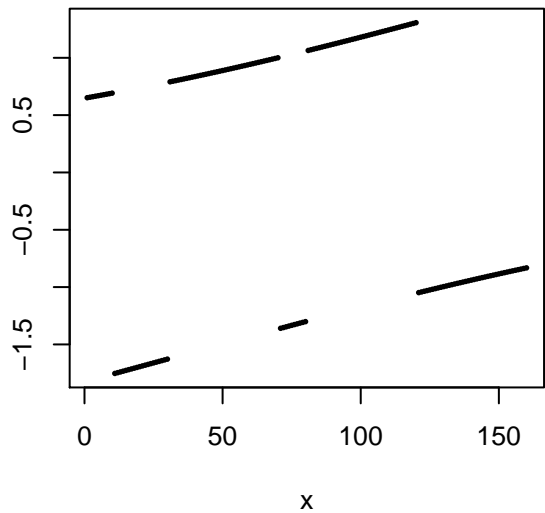


deviance residuals

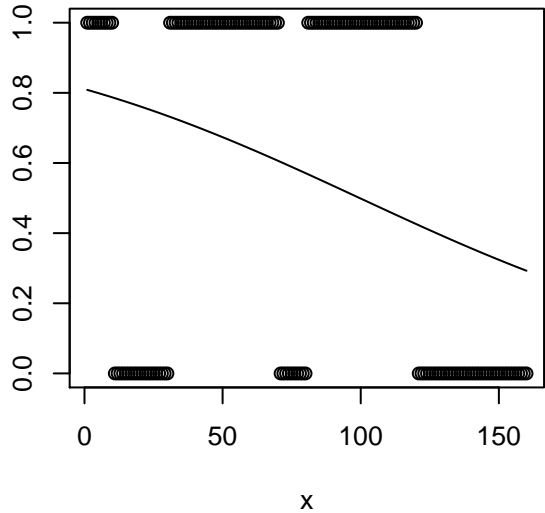


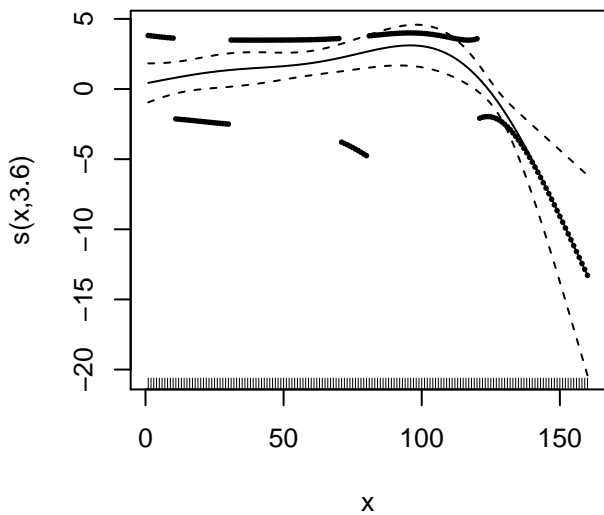
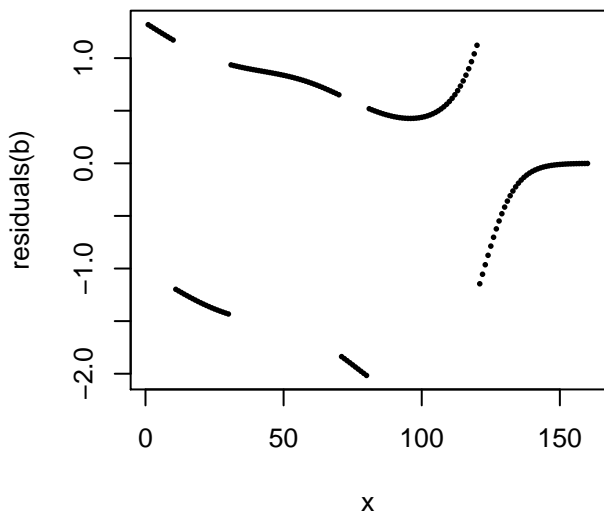
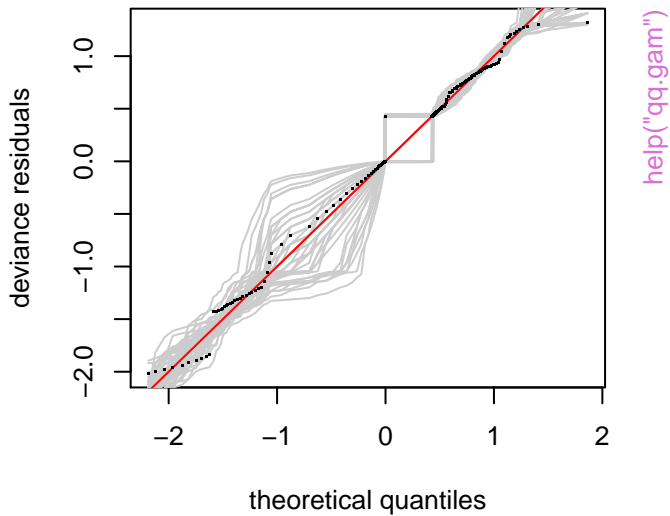
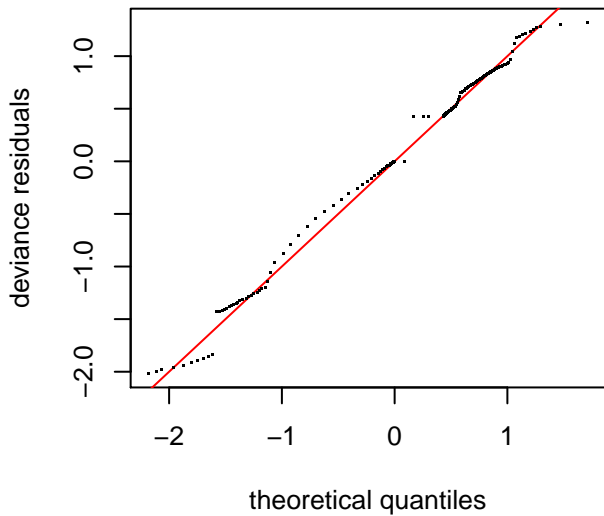
[help\("qq.gam"\)](#)

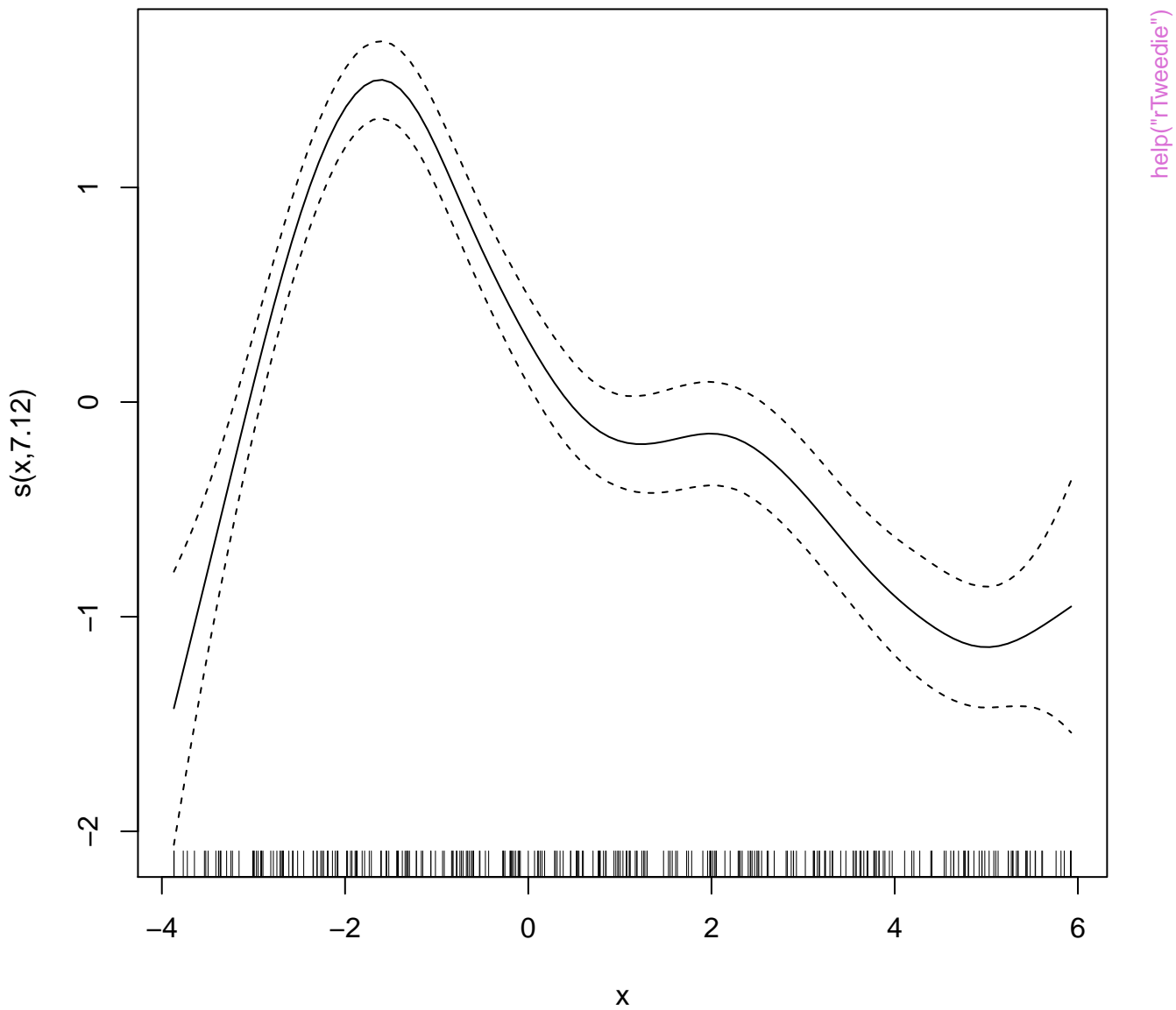
residuals(b)

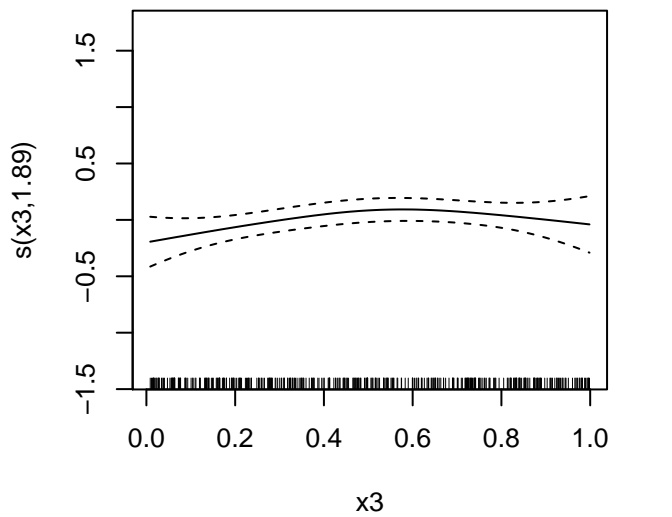
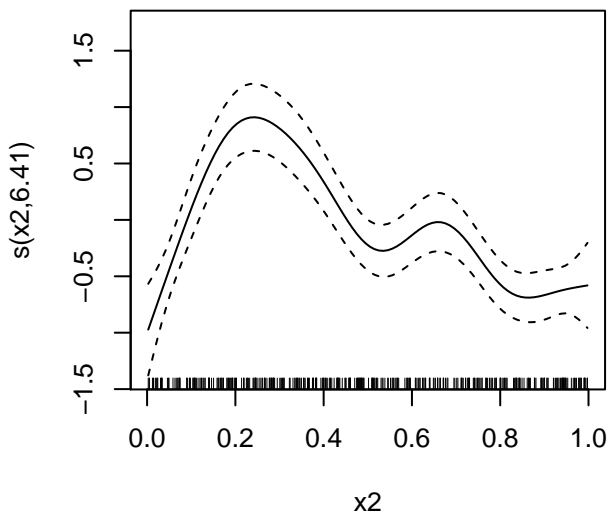
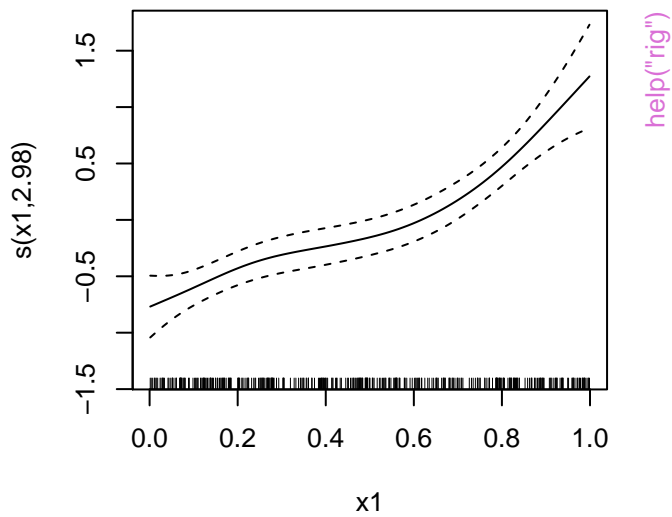
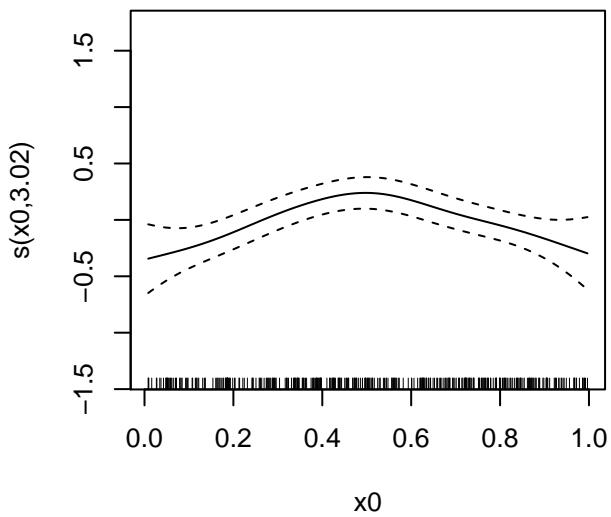


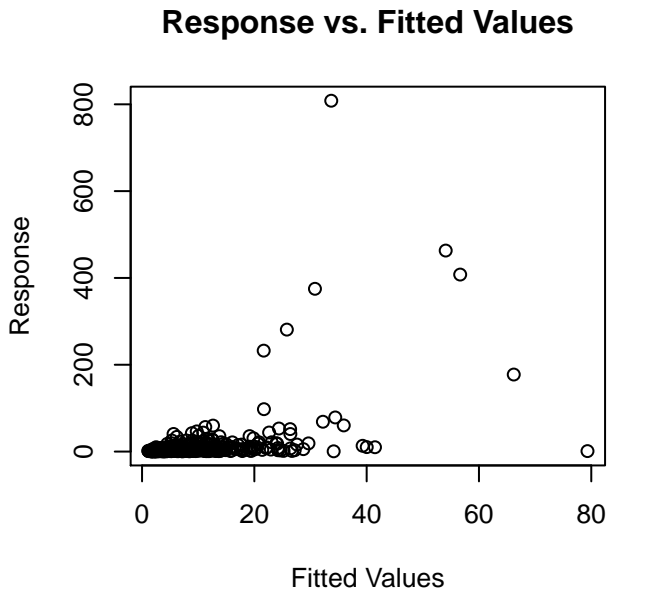
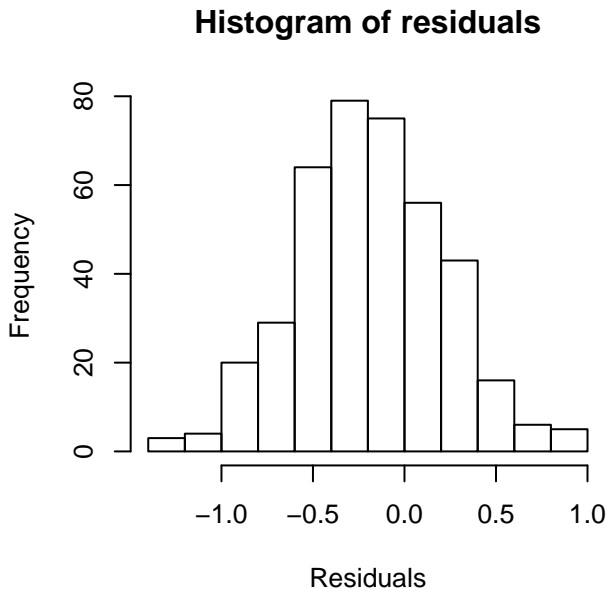
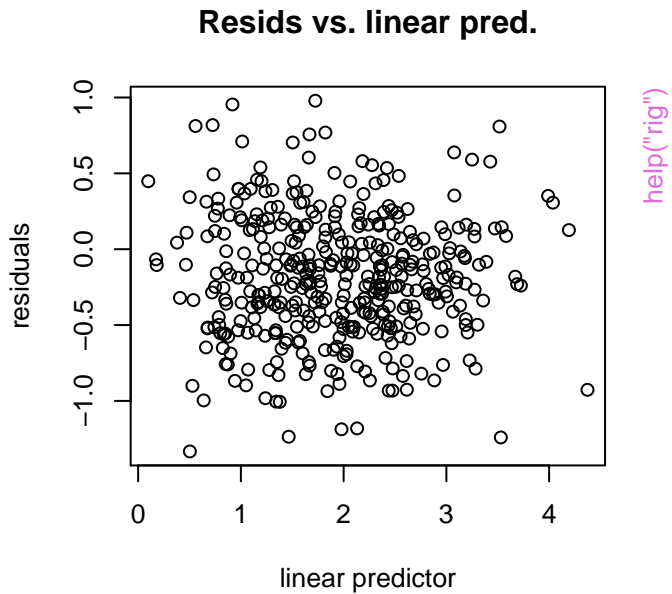
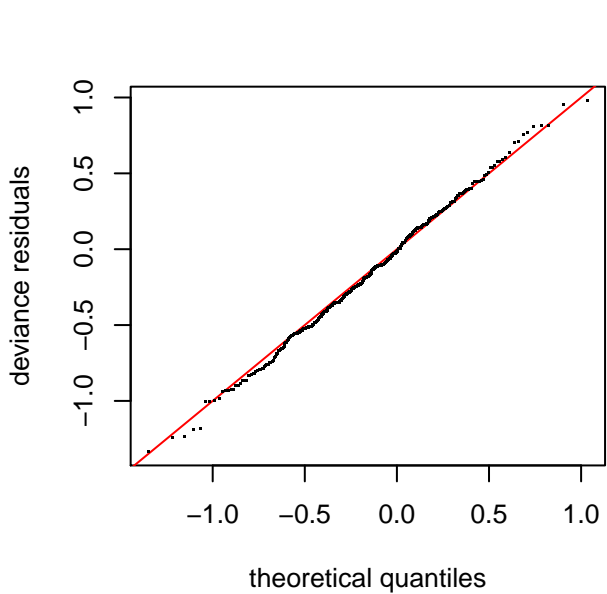
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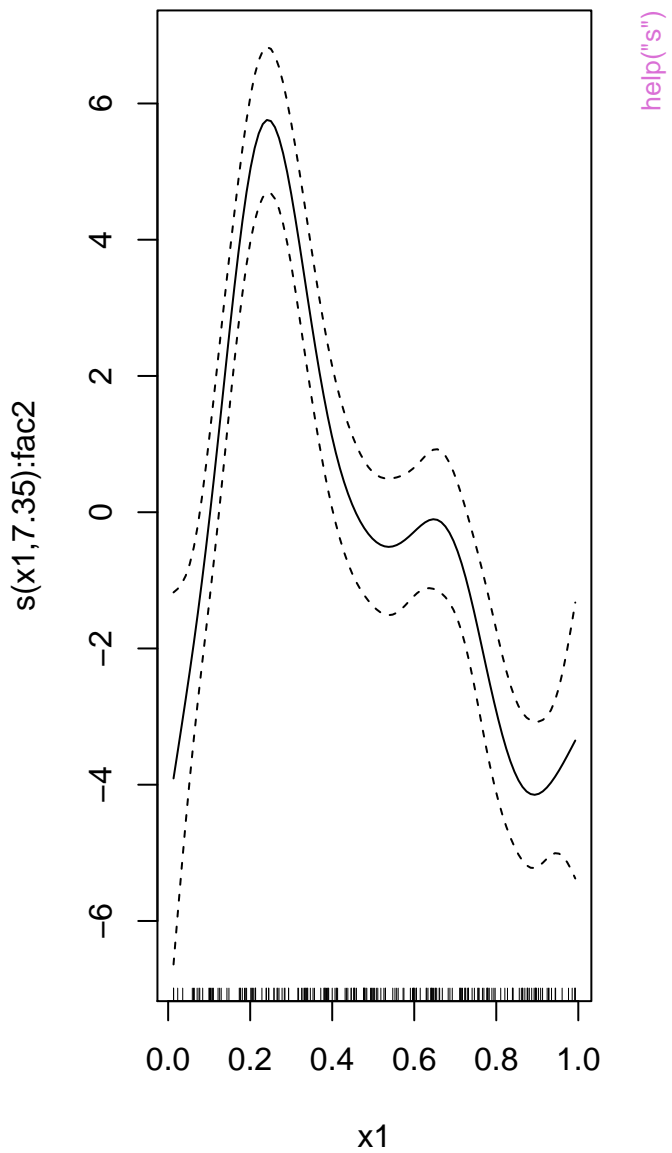
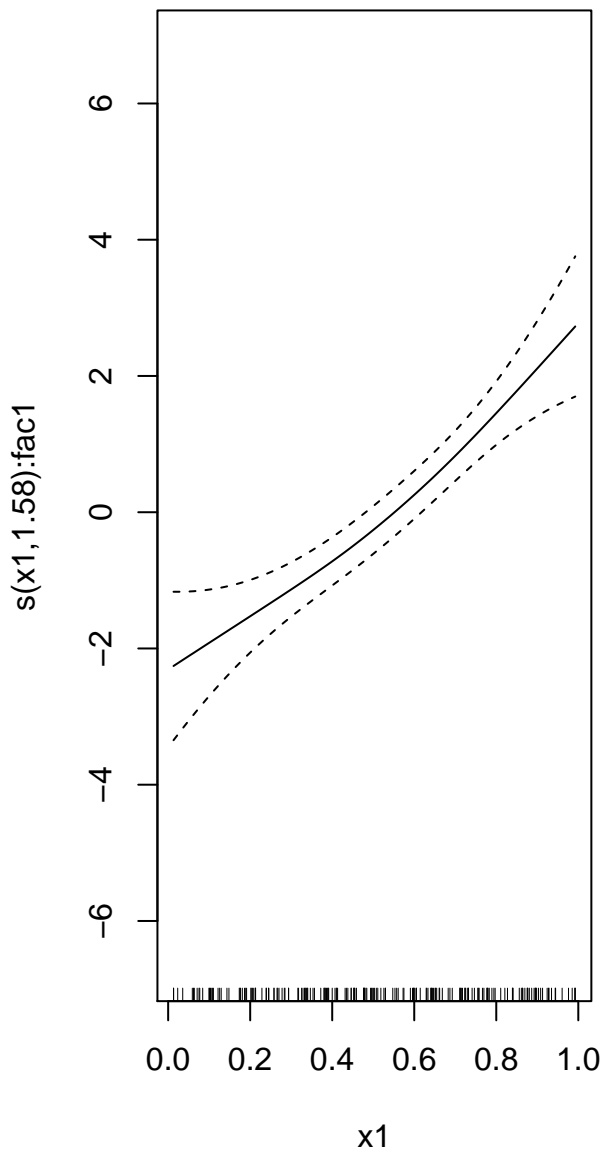


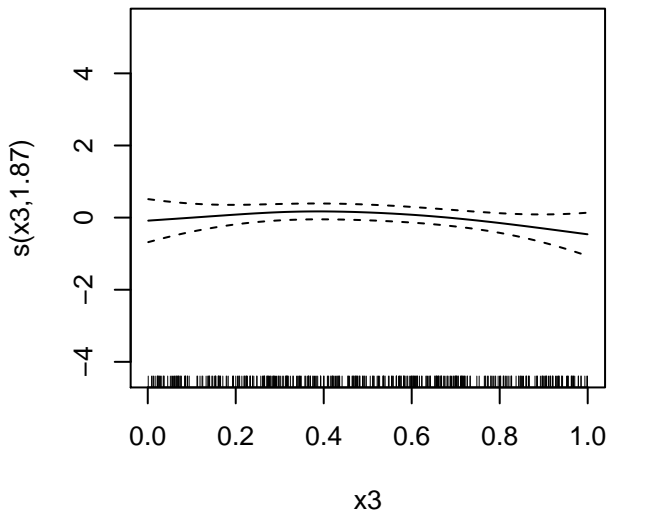
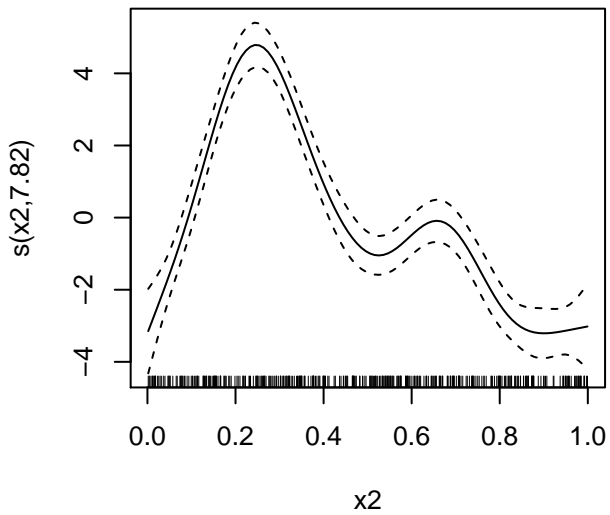
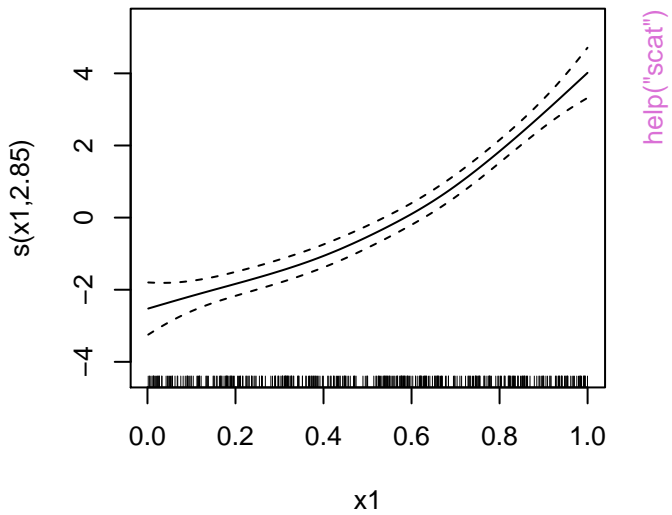
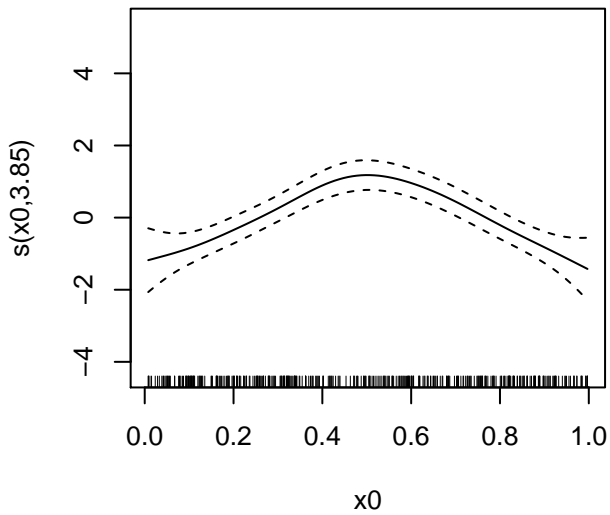




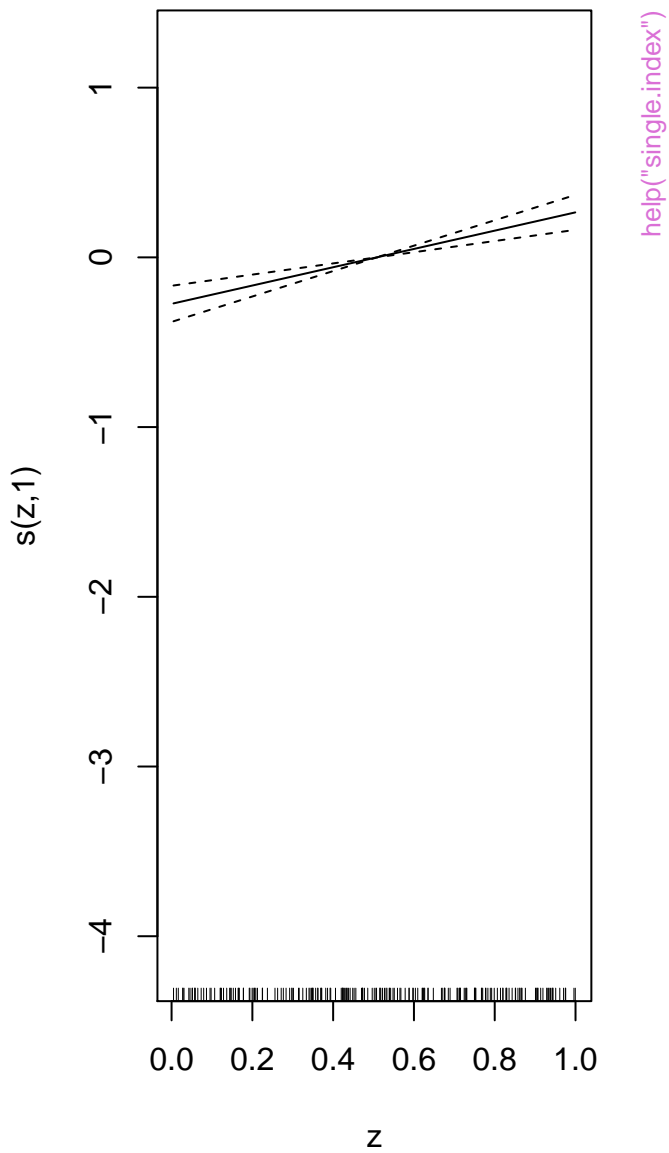
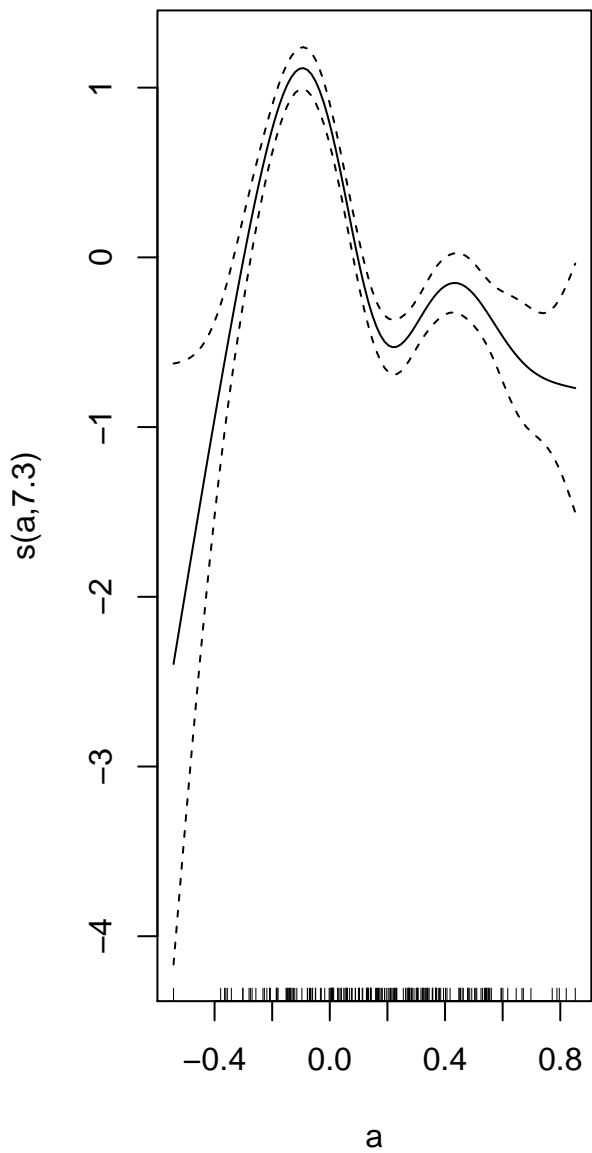


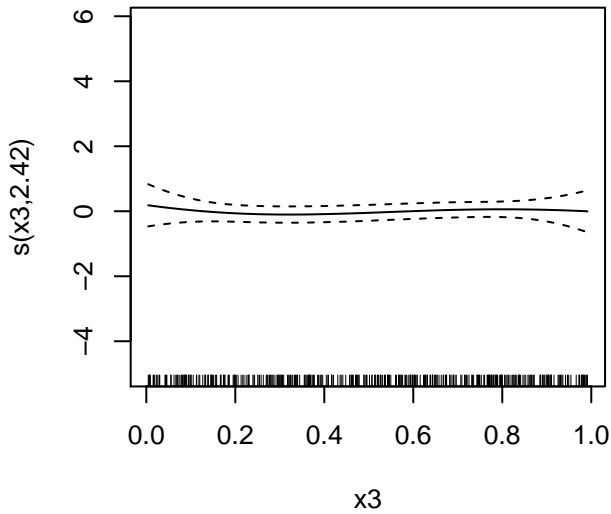
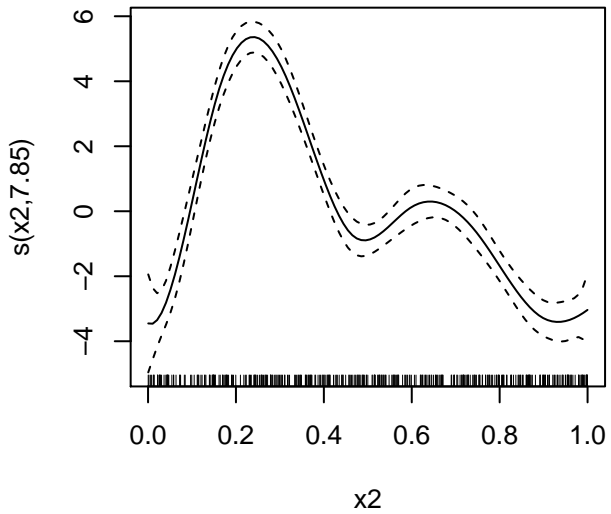
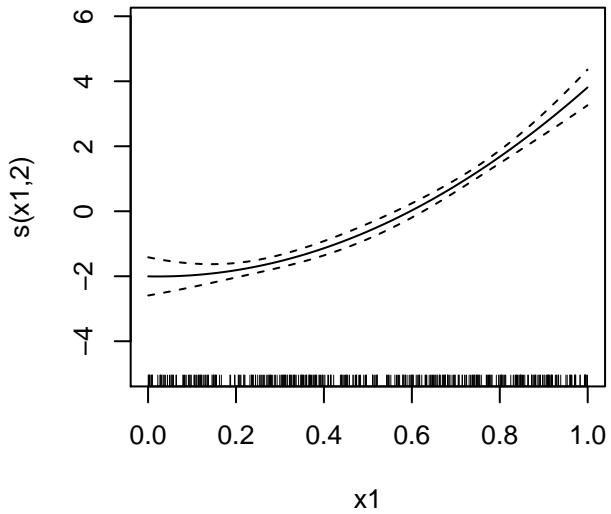
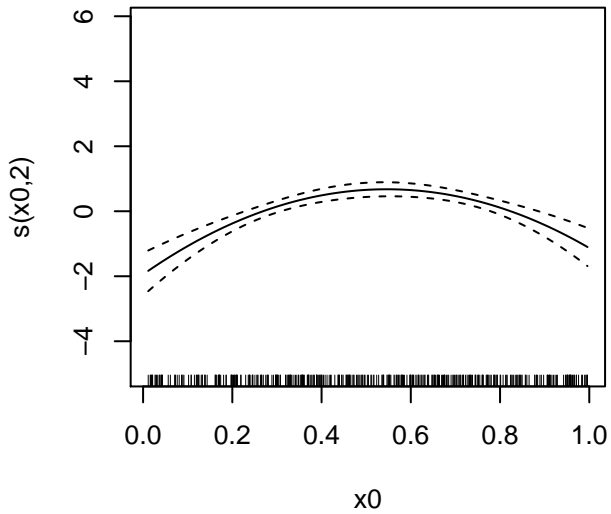




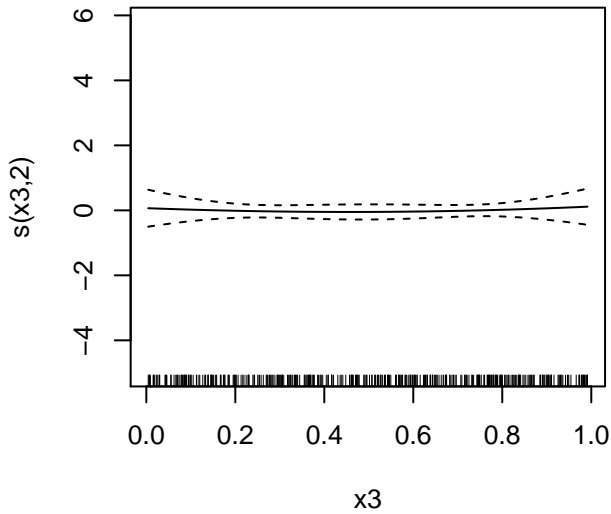
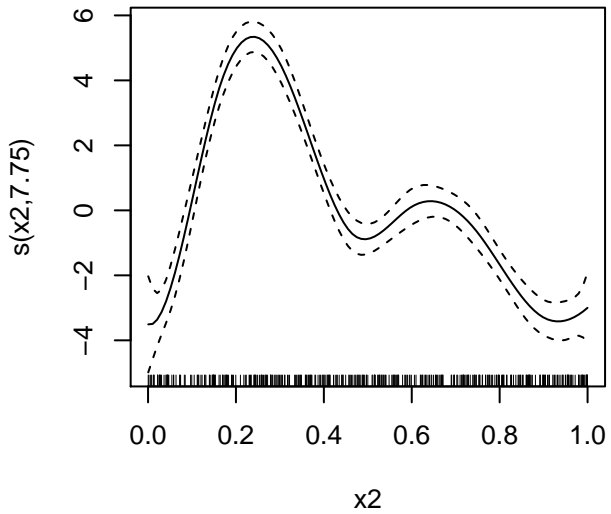
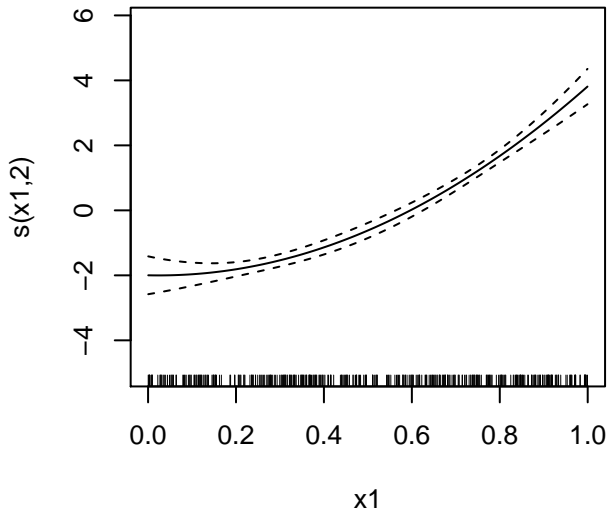
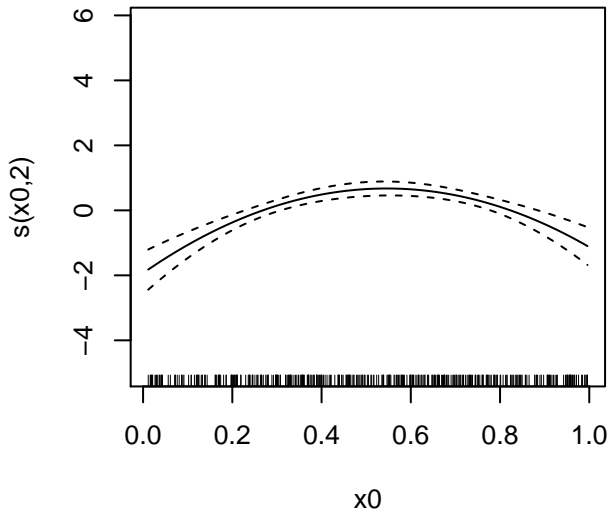


help("scat")

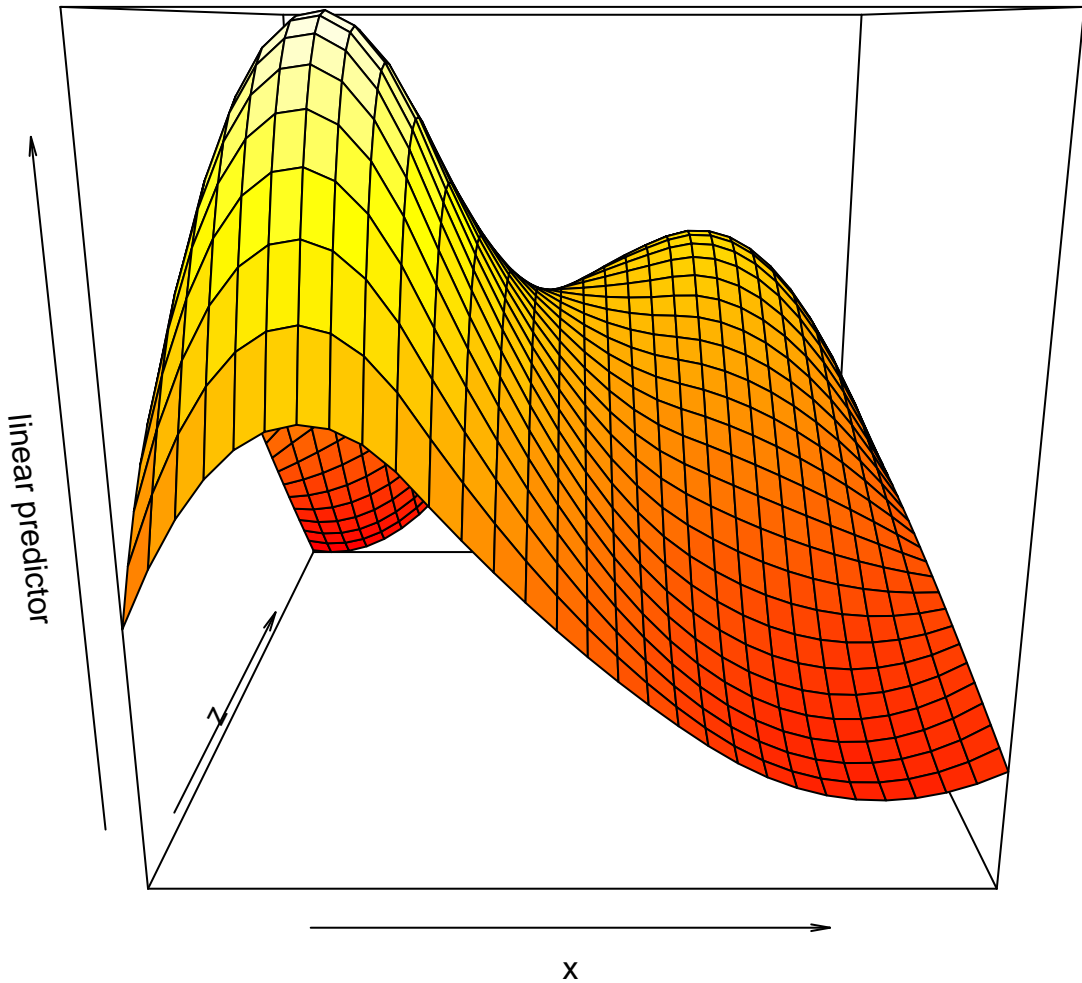




help("smooth.construct")

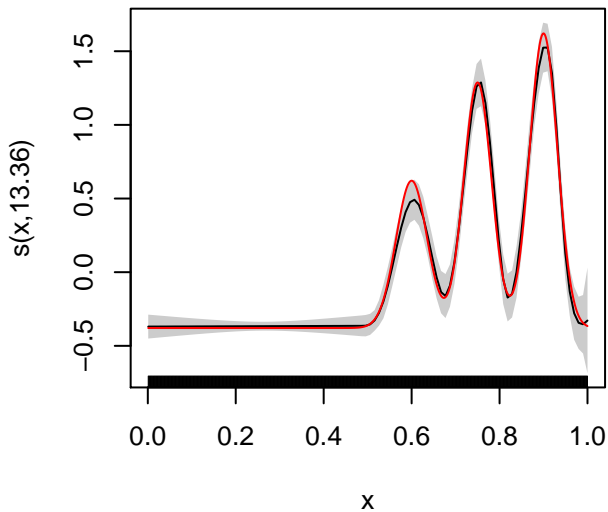


help("smooth.construct")

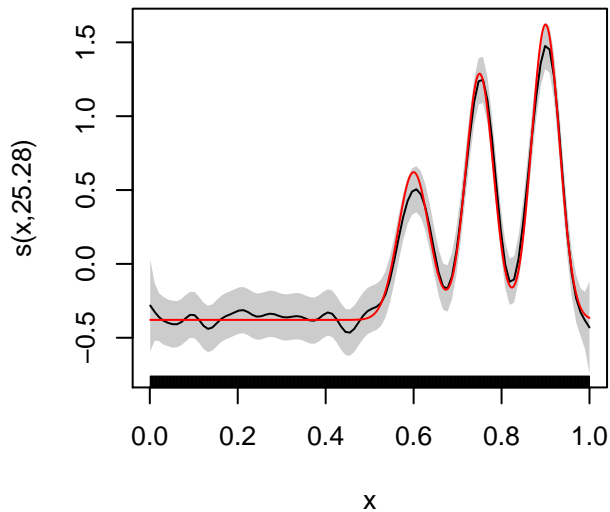


`help("smooth.construct")`

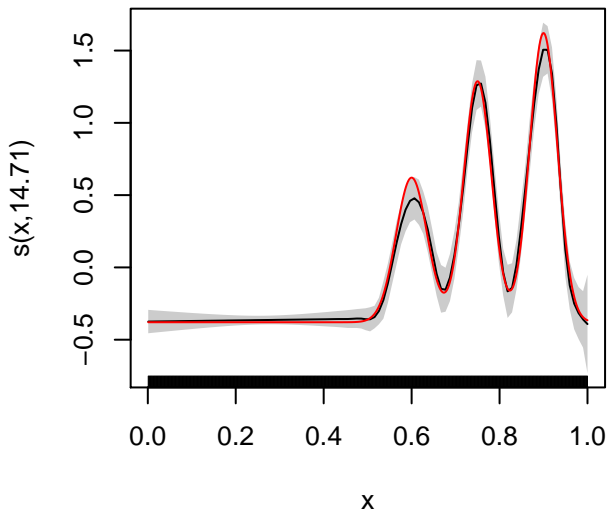
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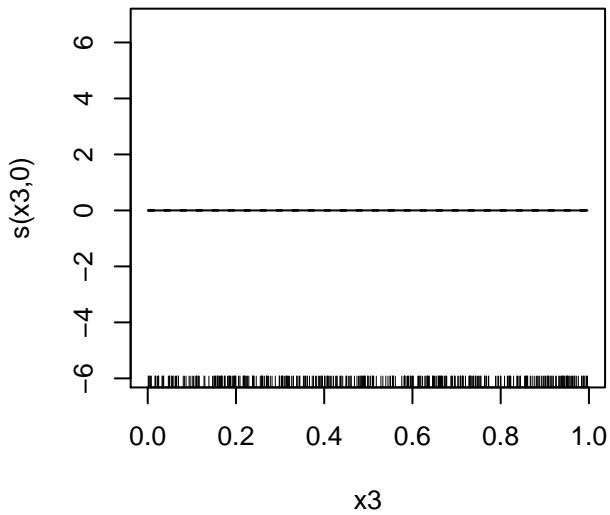
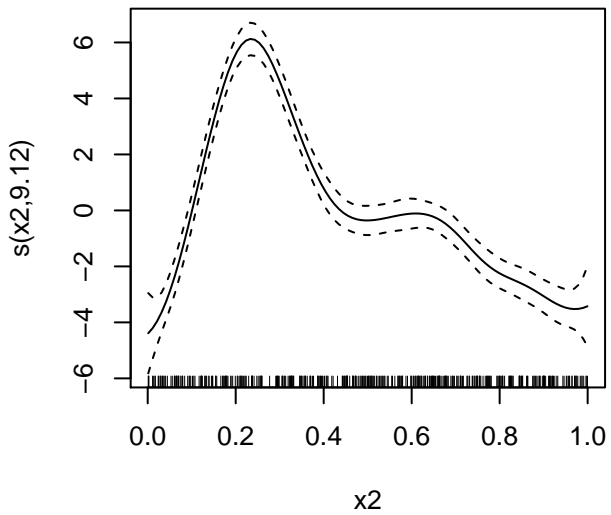
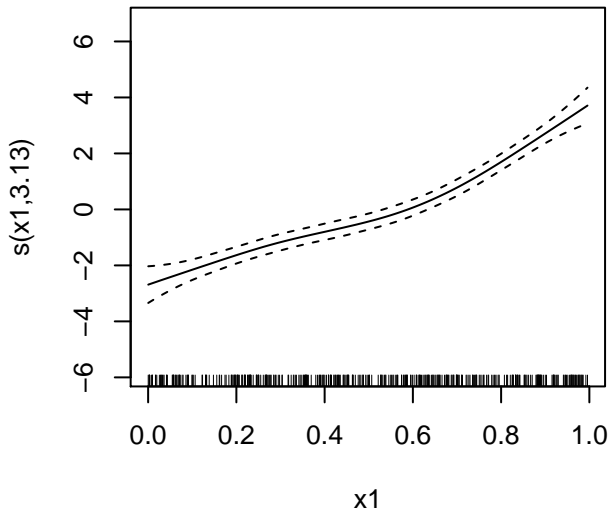
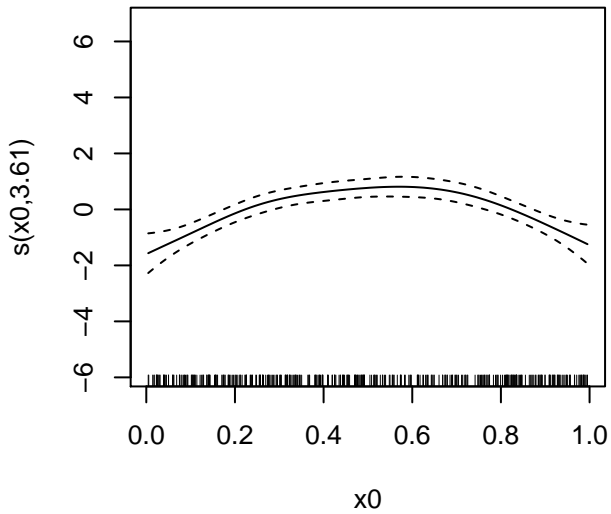


0.9957

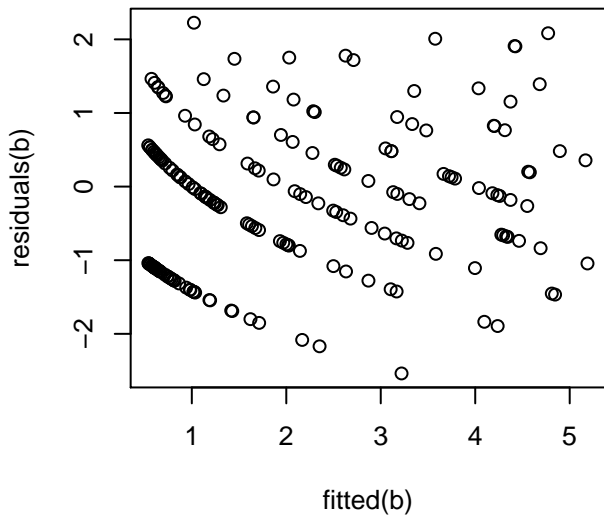
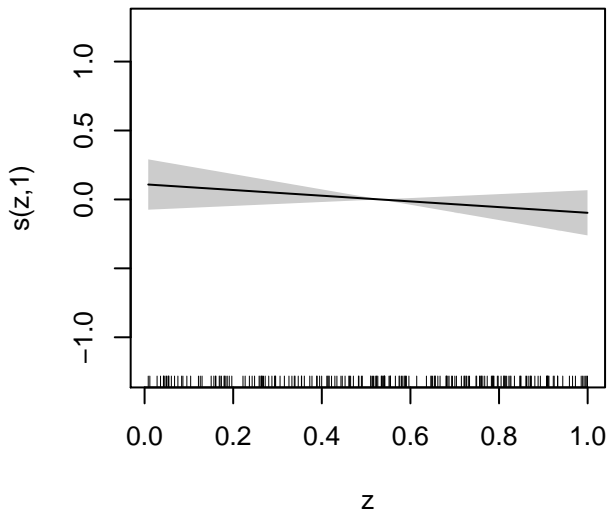
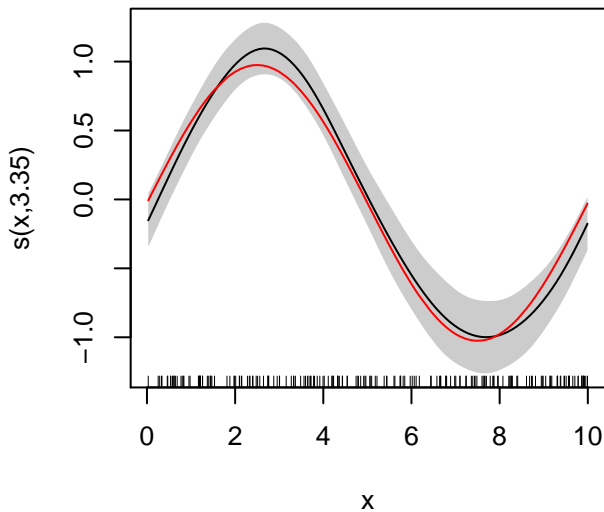
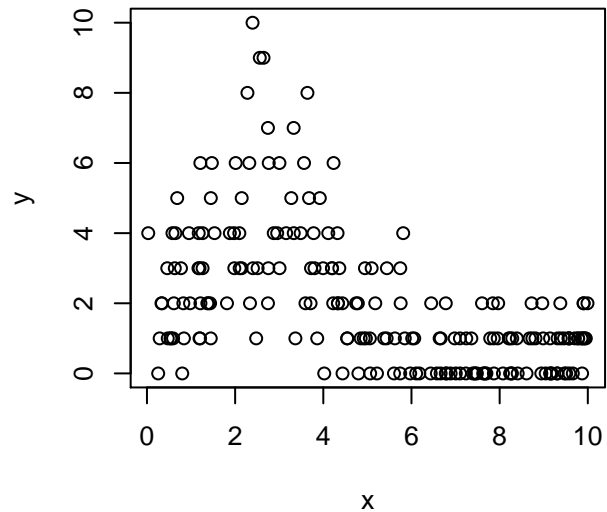


0.9959

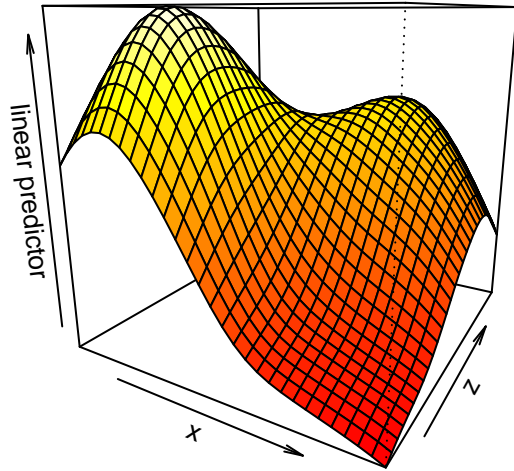
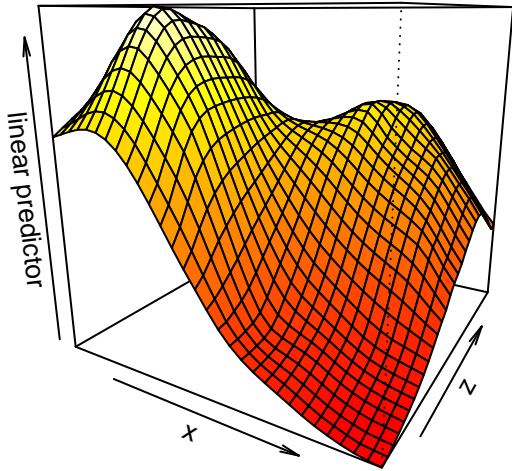
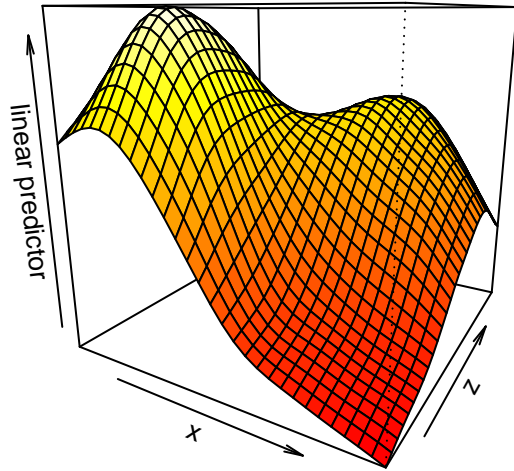
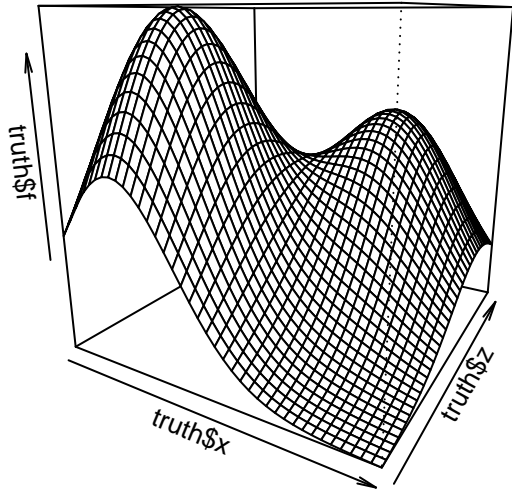




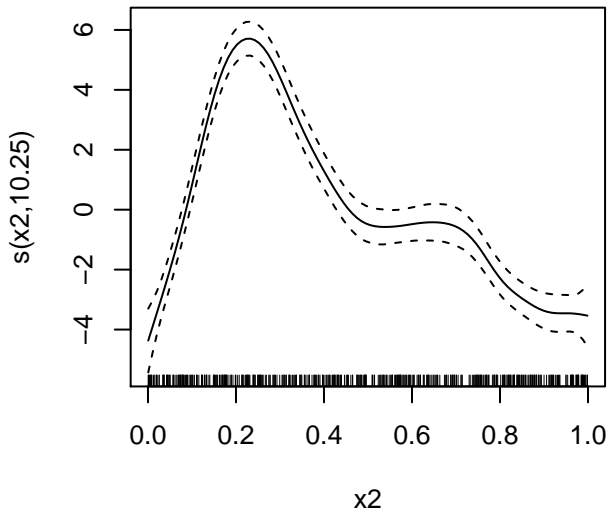
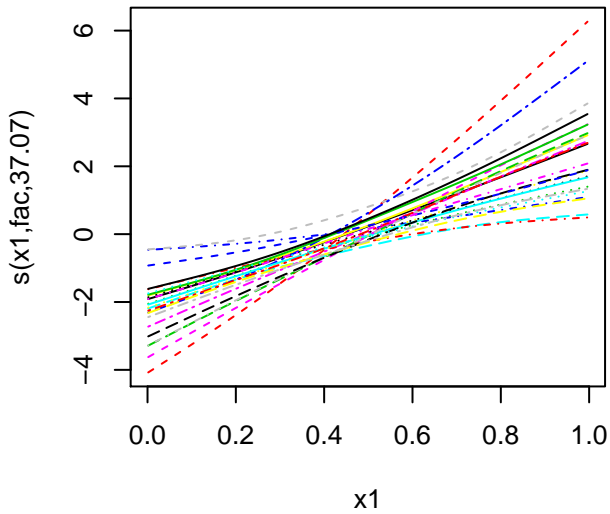
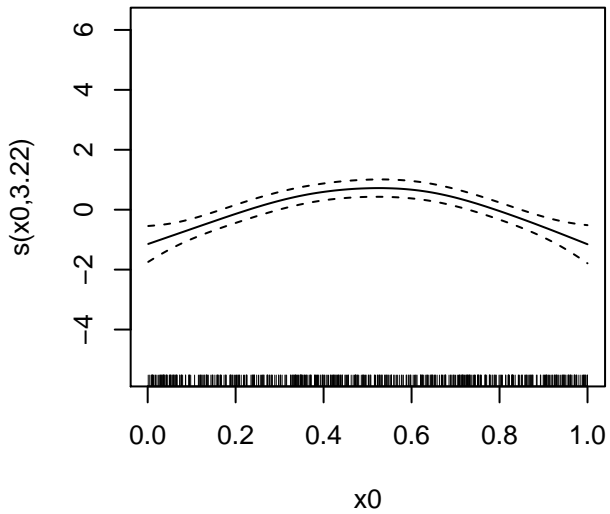
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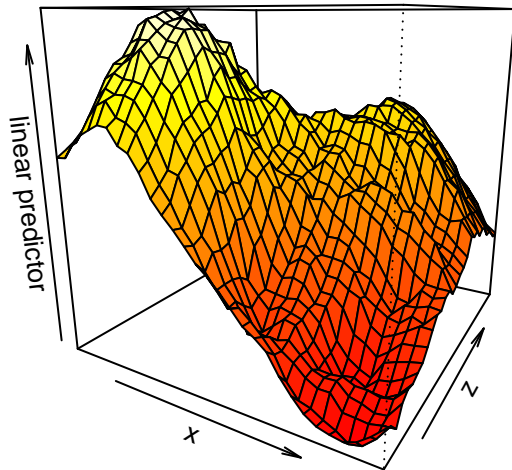
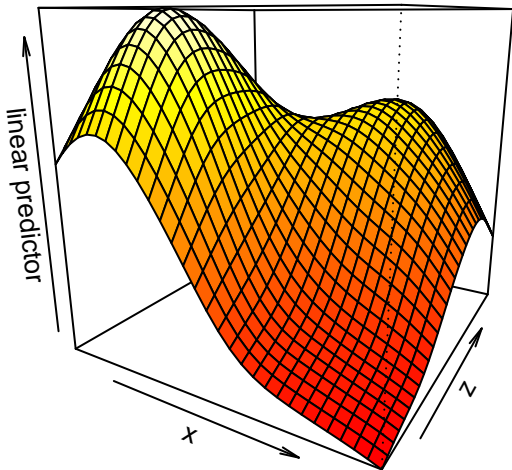
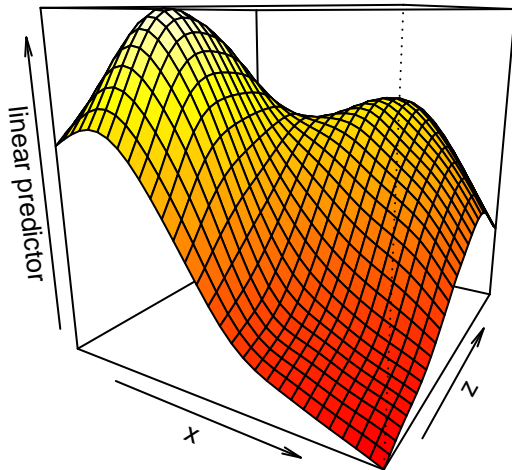
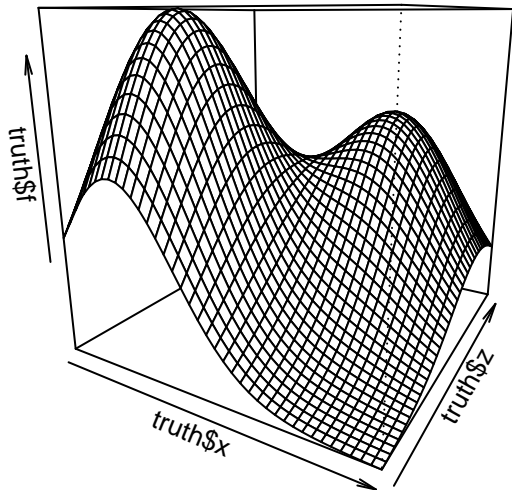
help("smooth.construct.cr.smooth.spec")



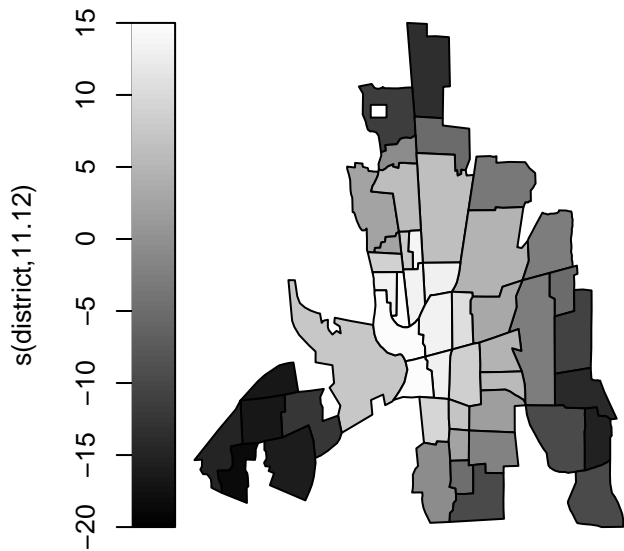
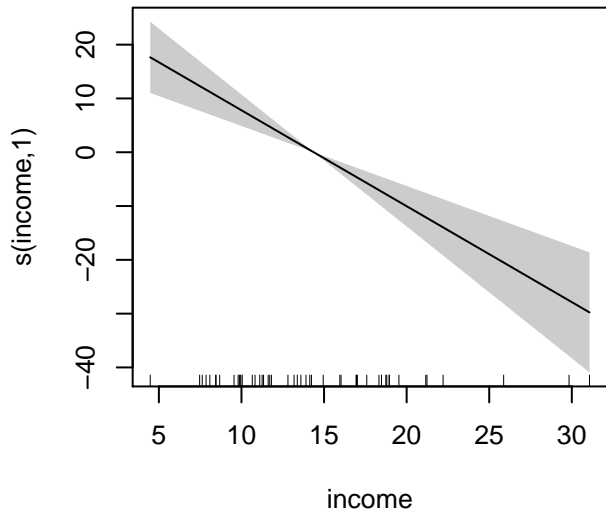
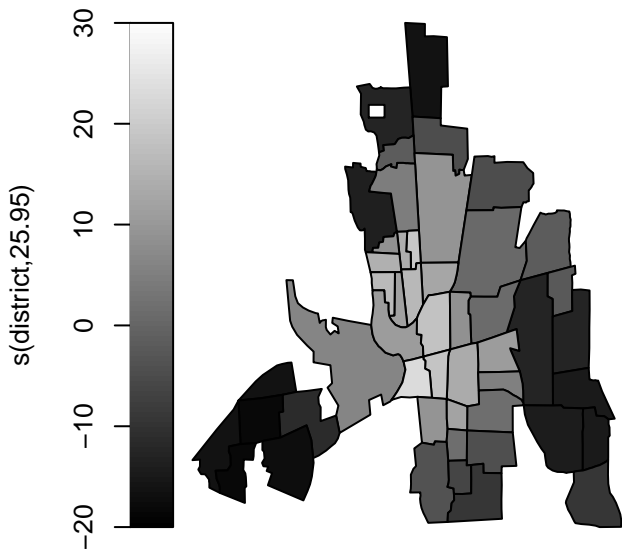
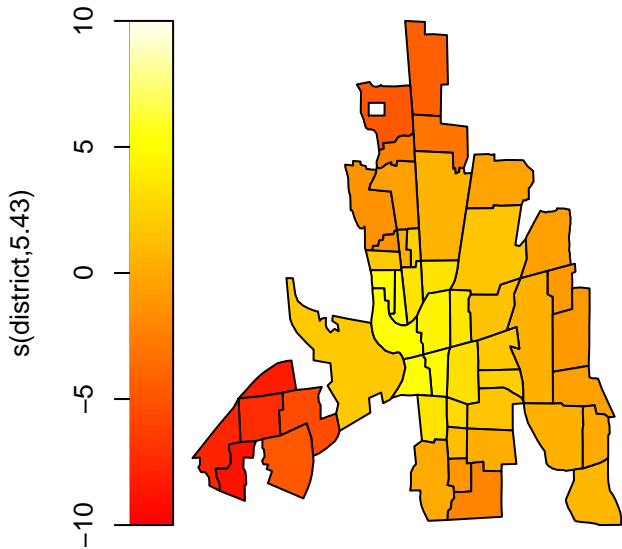
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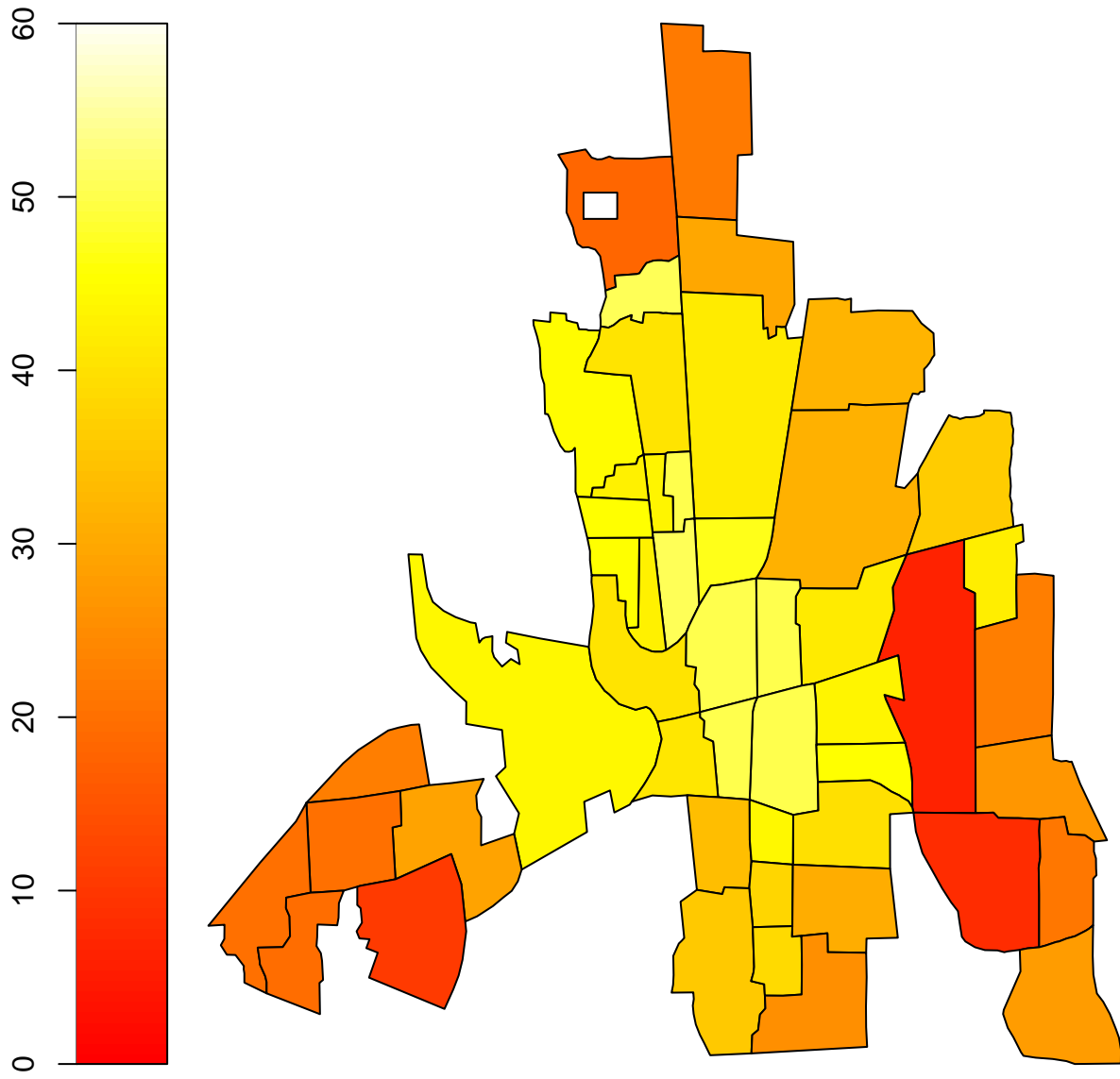
[help\("smooth.construct.fs.smooth.spec"\)](#)



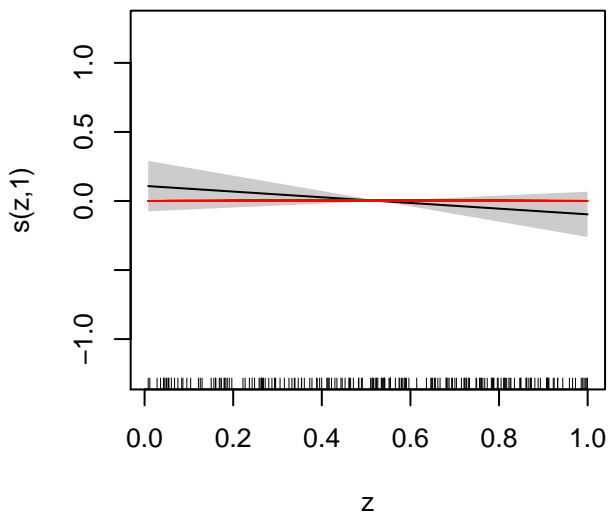
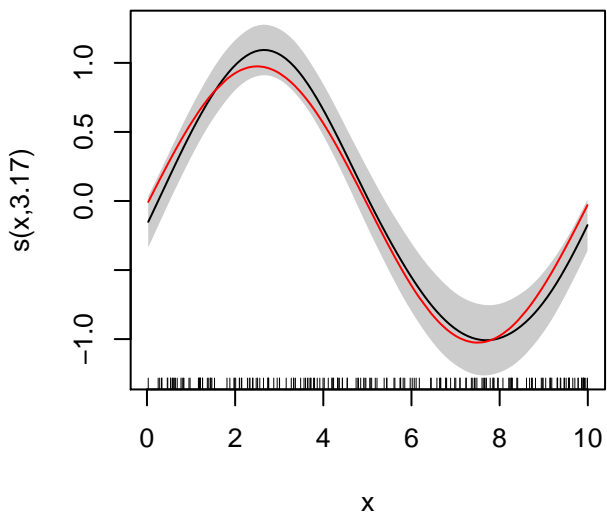
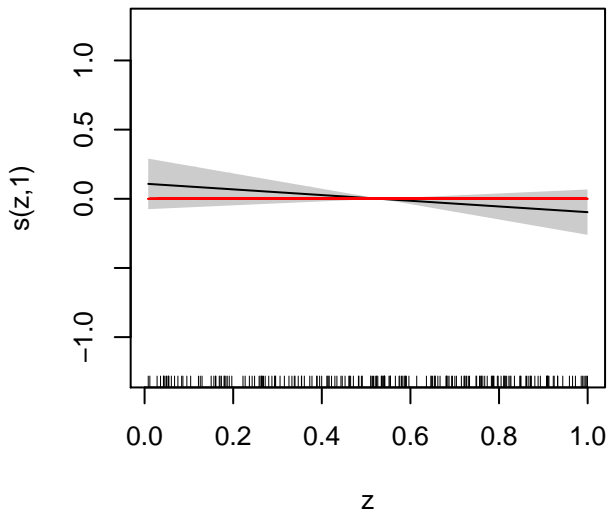
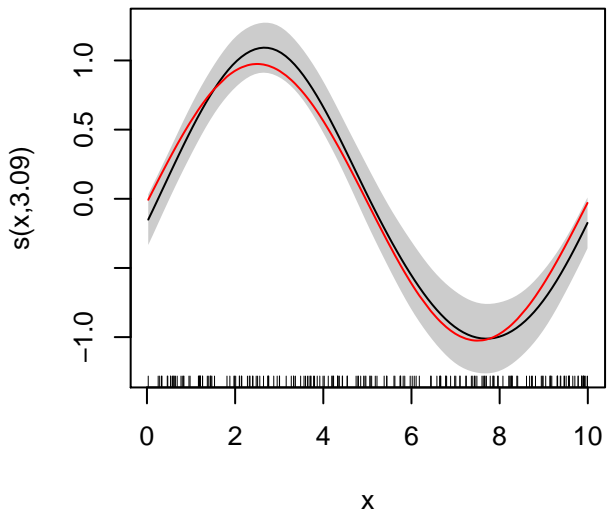
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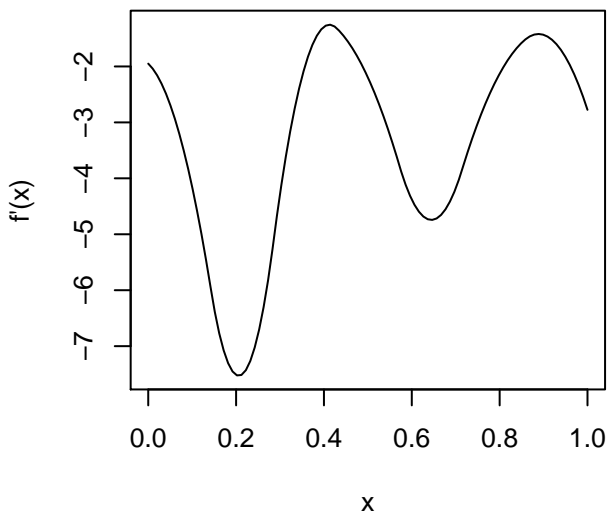
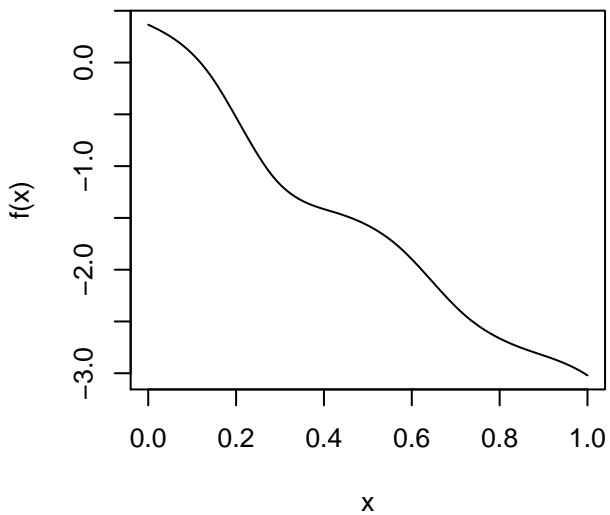
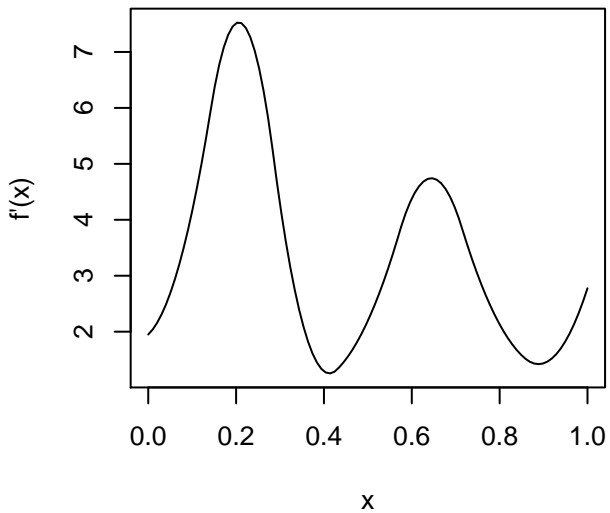
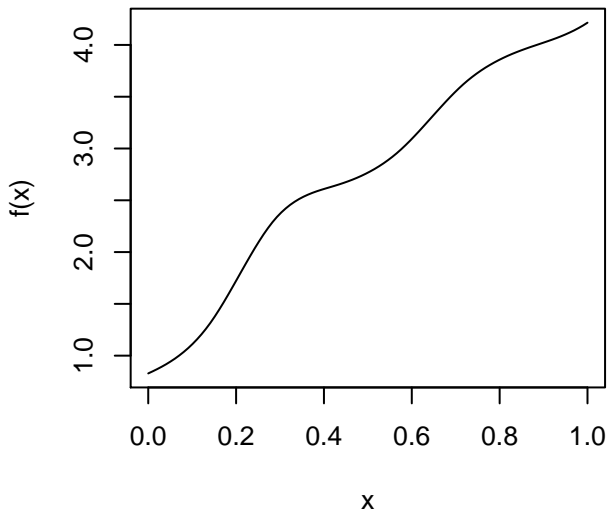
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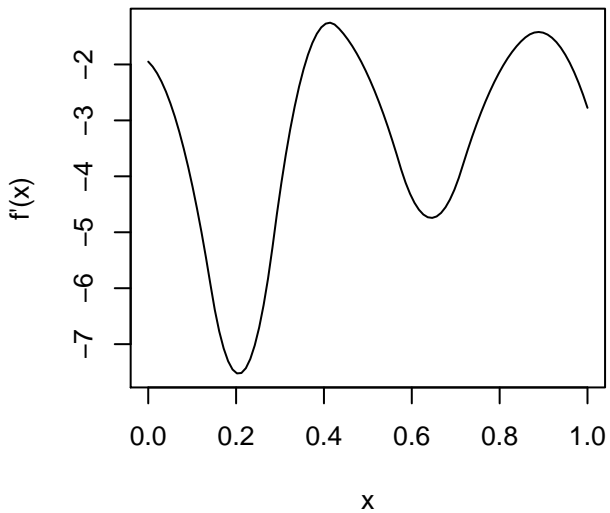
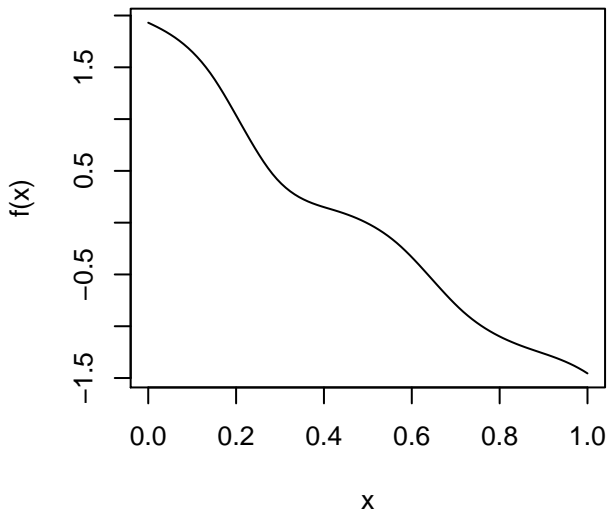
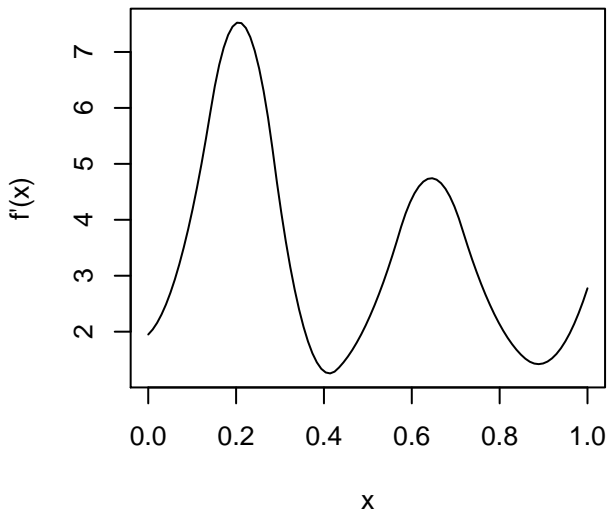
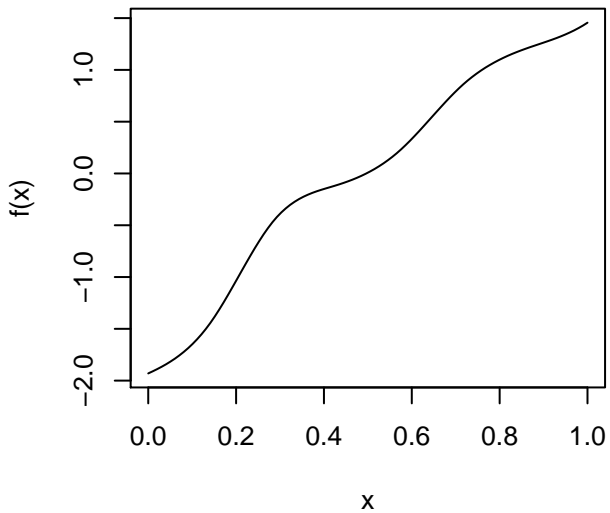
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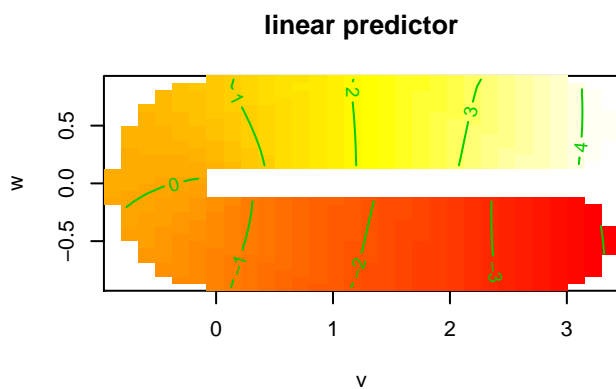
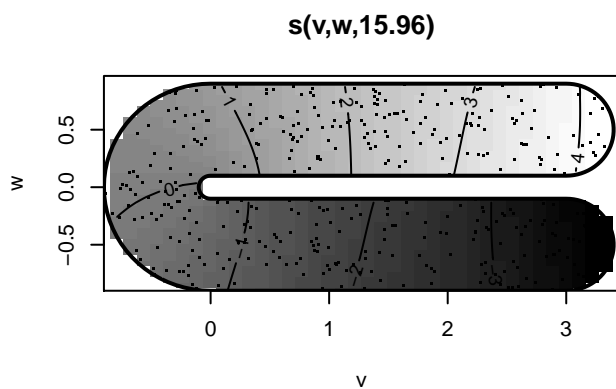
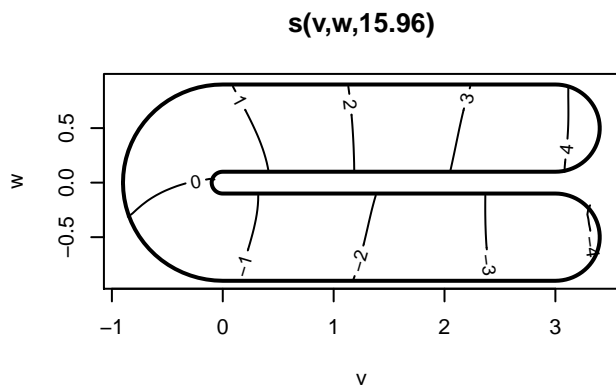
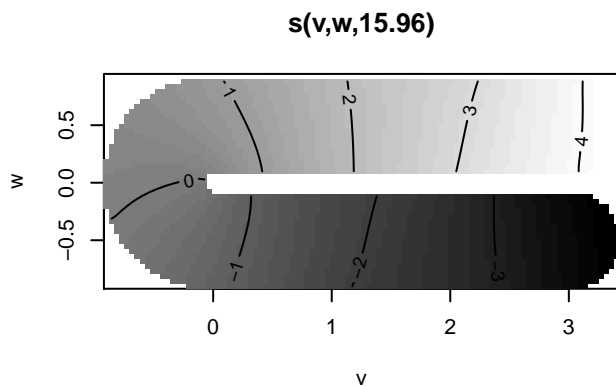
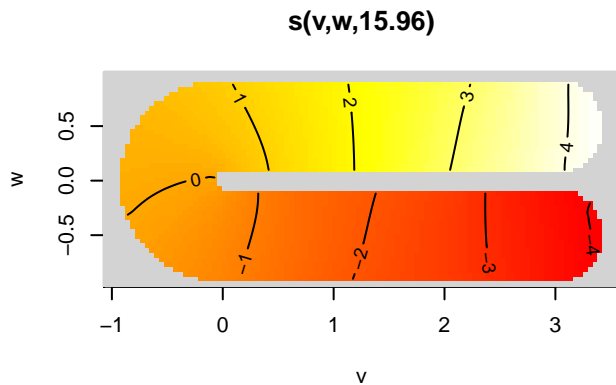
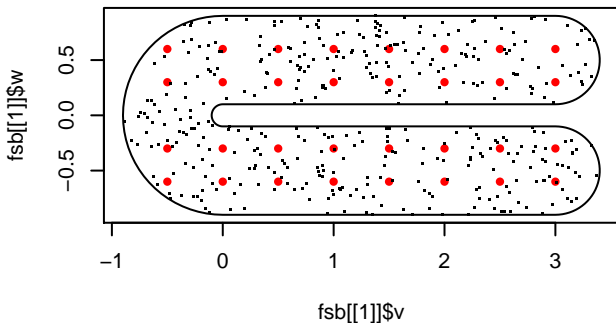
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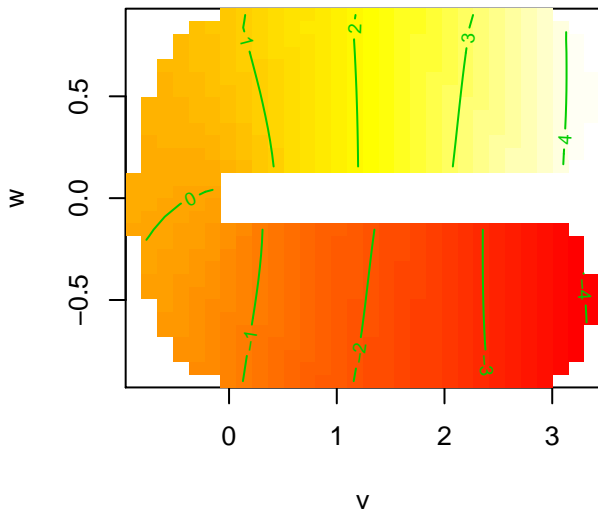
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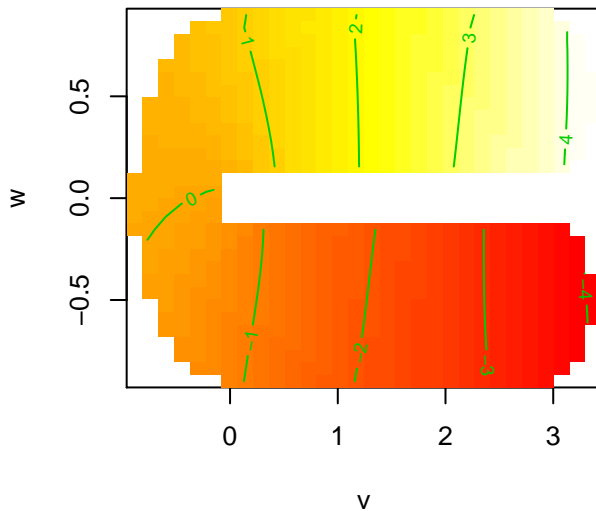
help("smooth.construct.ps.smooth.spec")



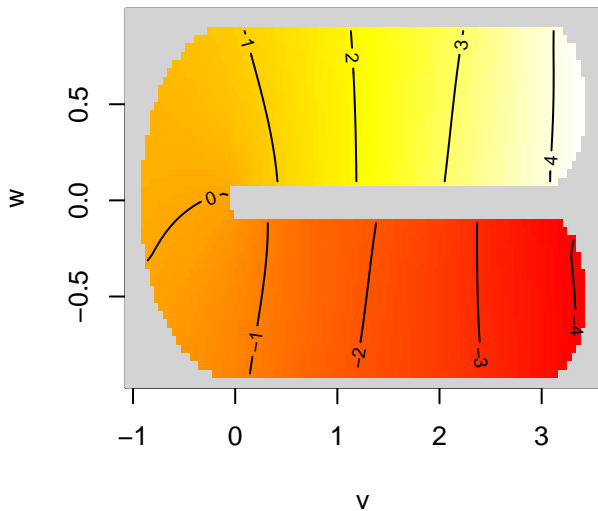
linear predictor



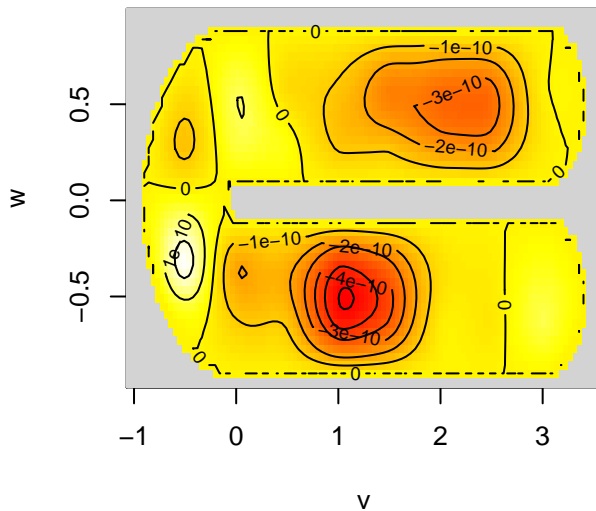
linear predictor



$s(v, w, 15.96)$

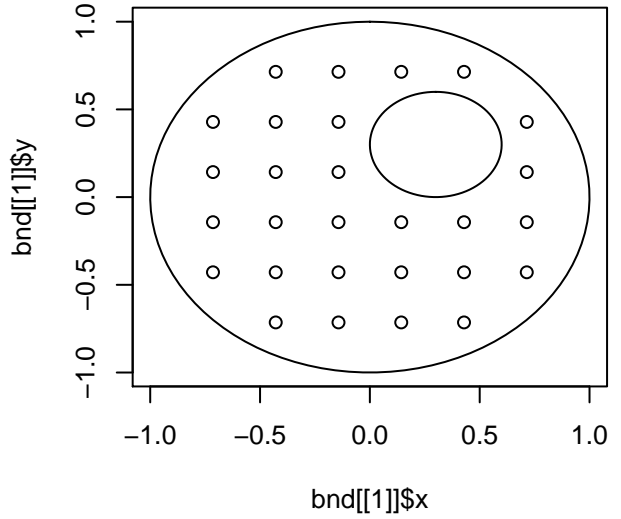
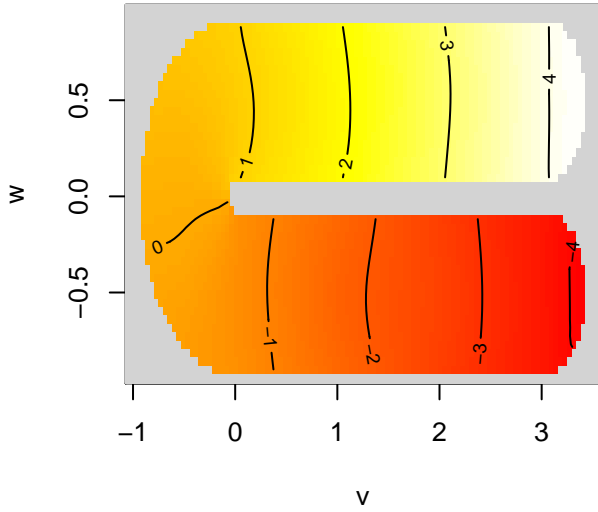


$s(v, w, 0)$

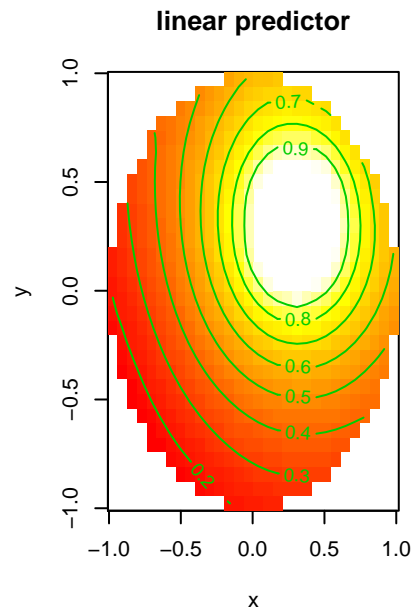
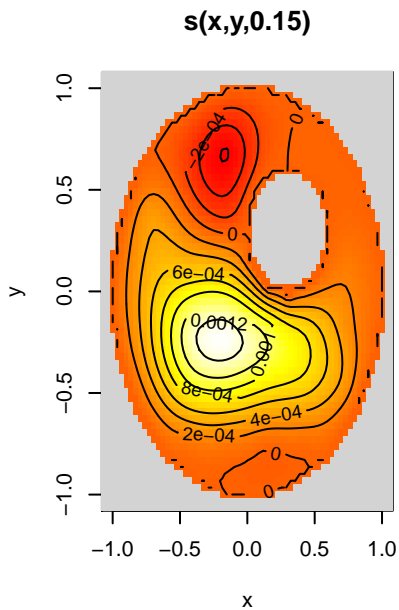
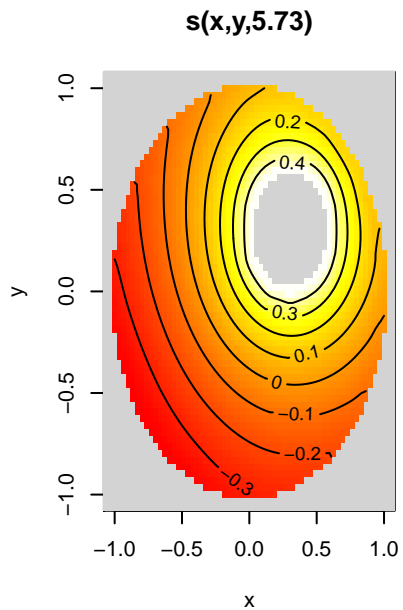
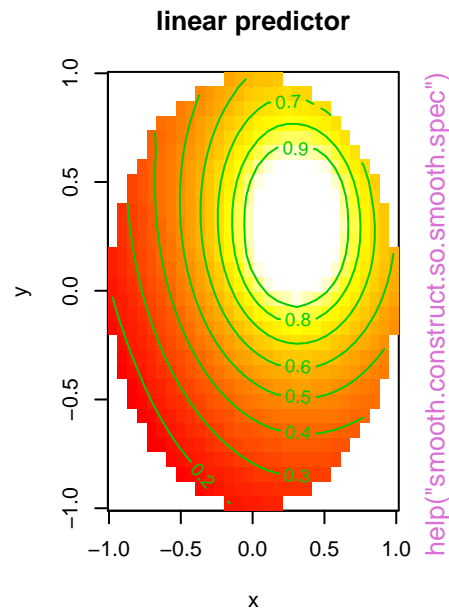
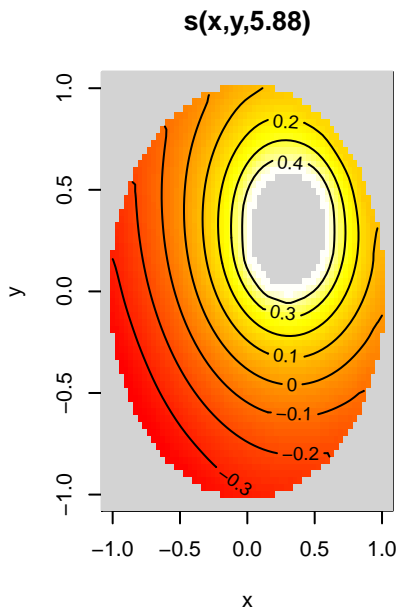
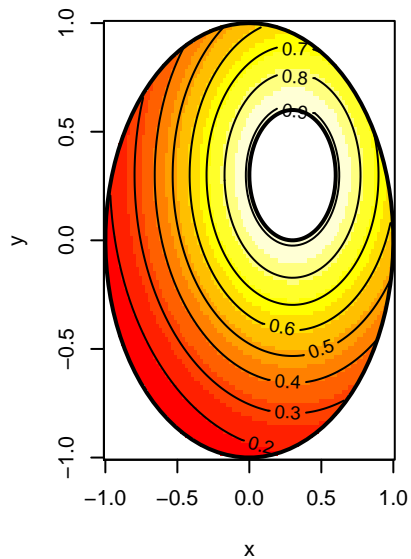


help("smooth.construct.so.smooth.spec")

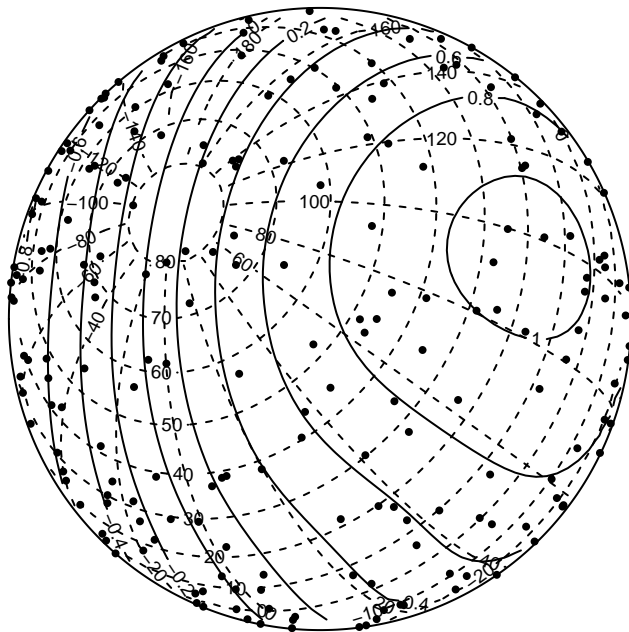
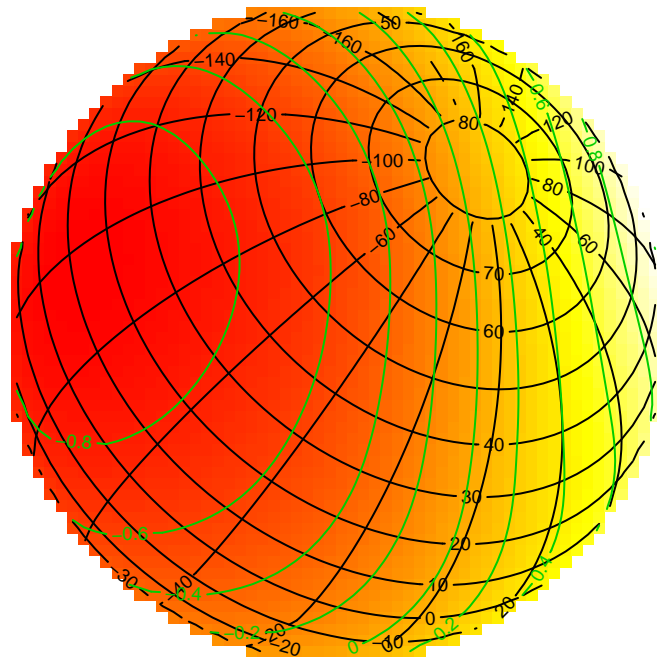
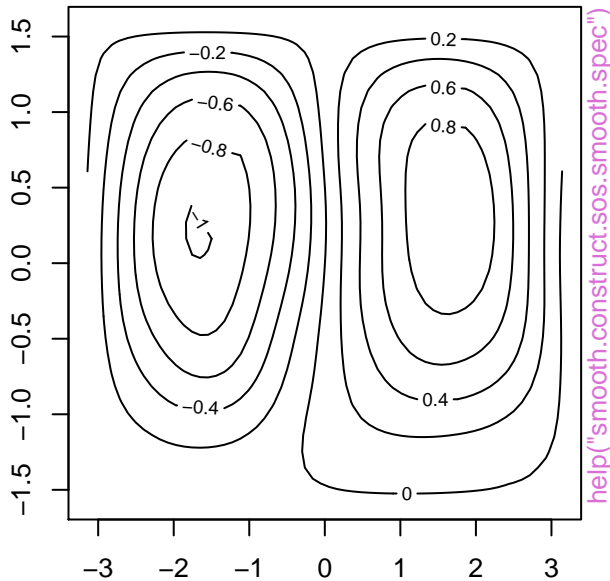
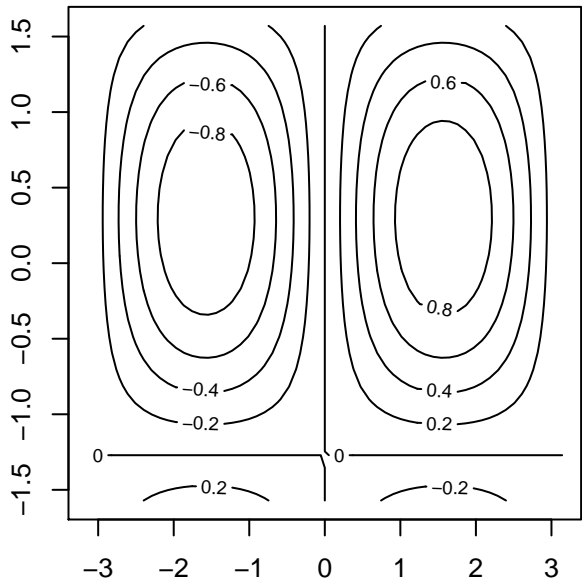
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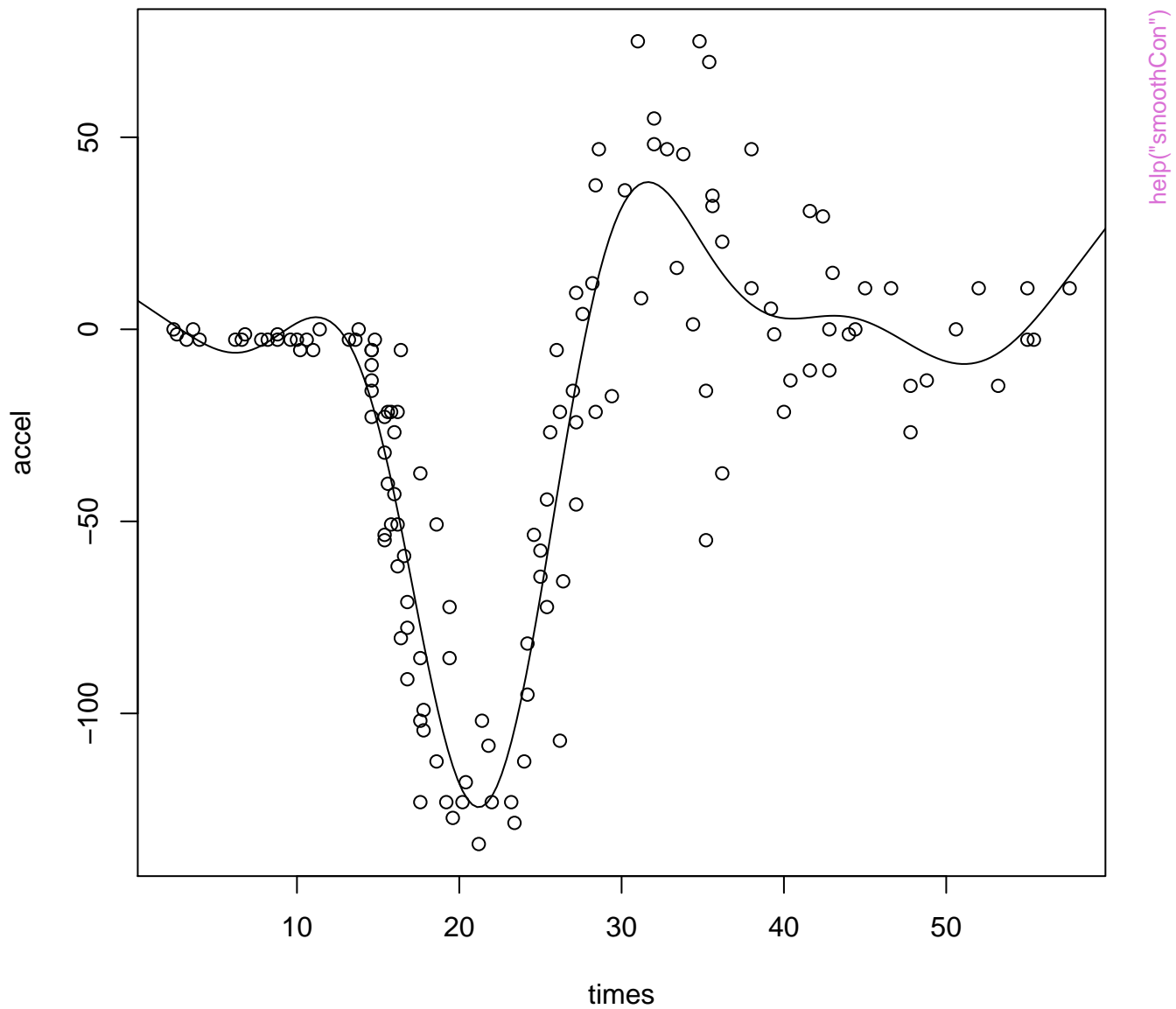


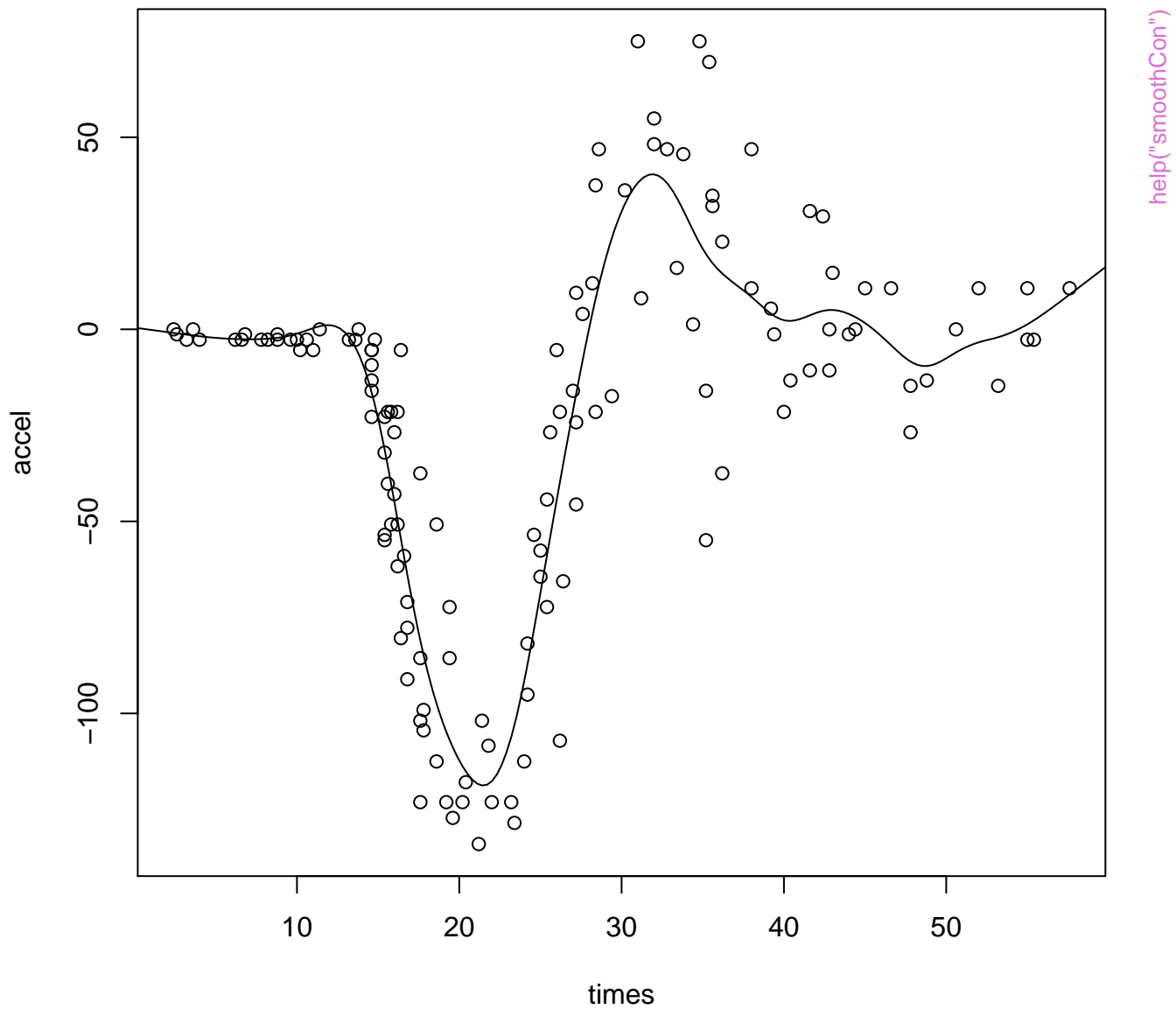
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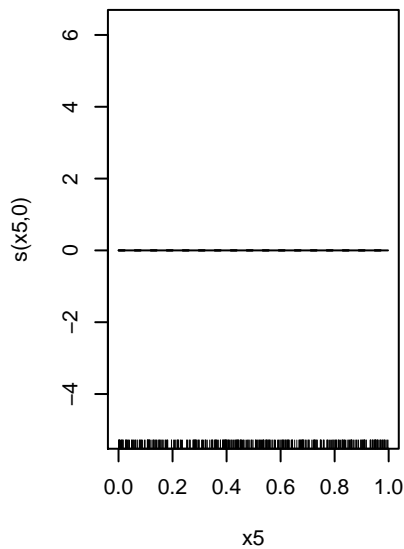
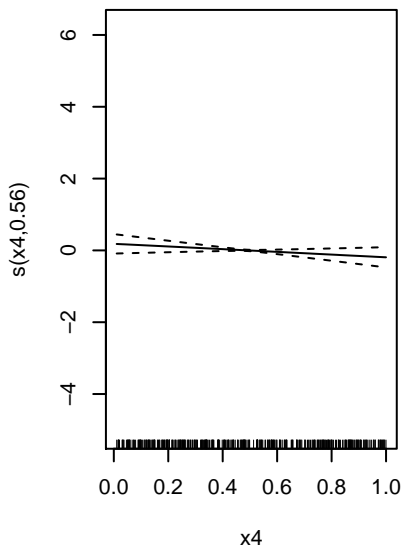
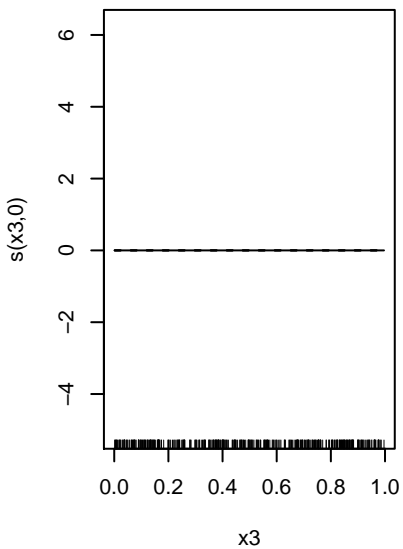
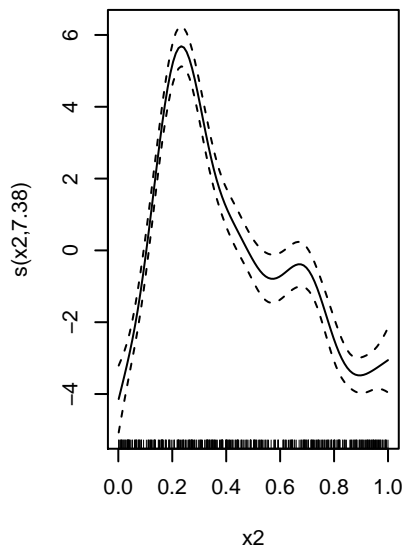
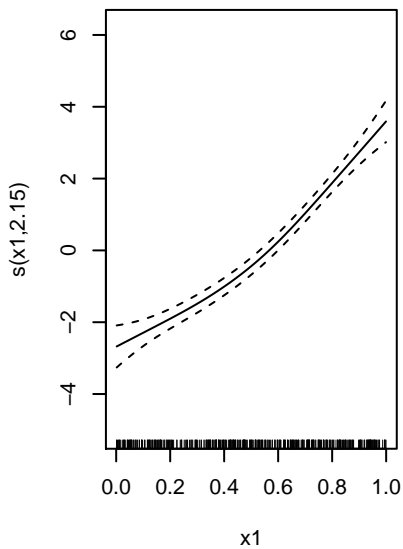
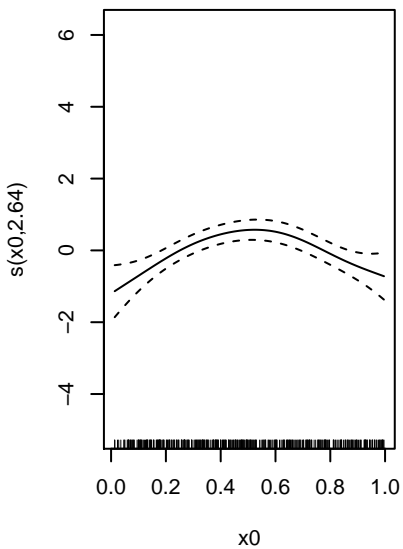


help("smooth.construct.so.smooth.spec")

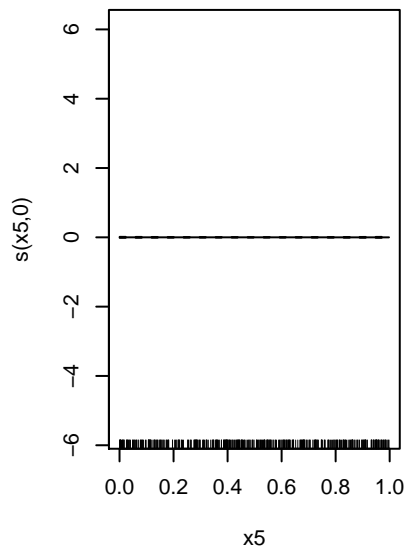
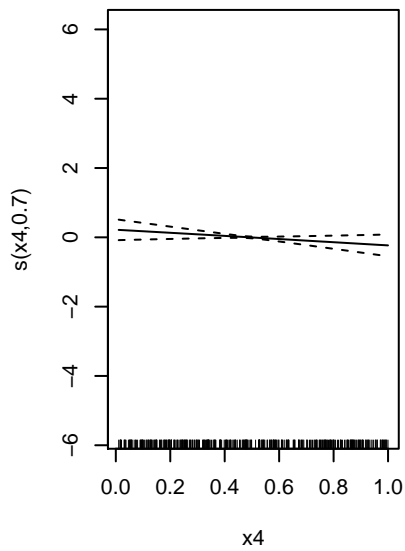
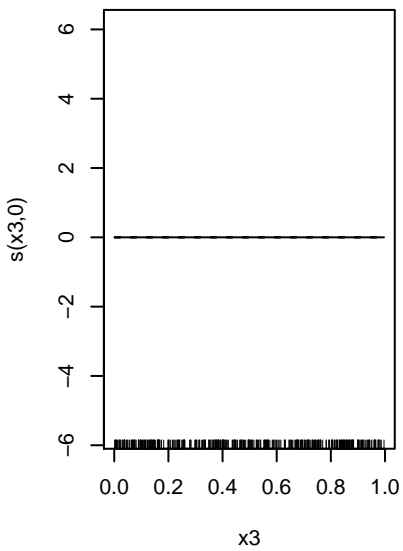
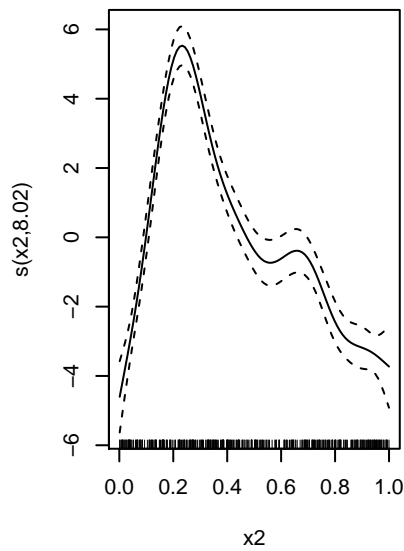
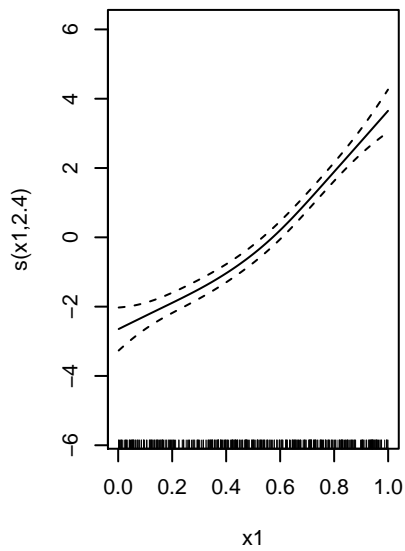
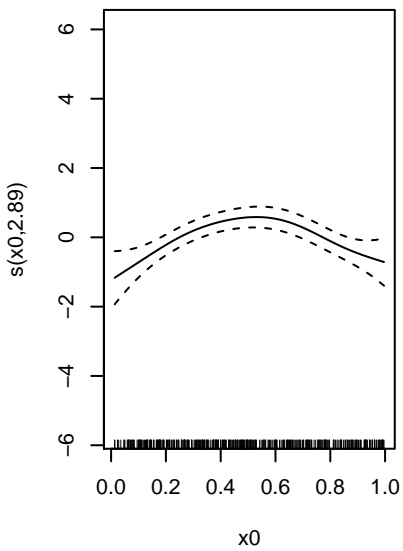




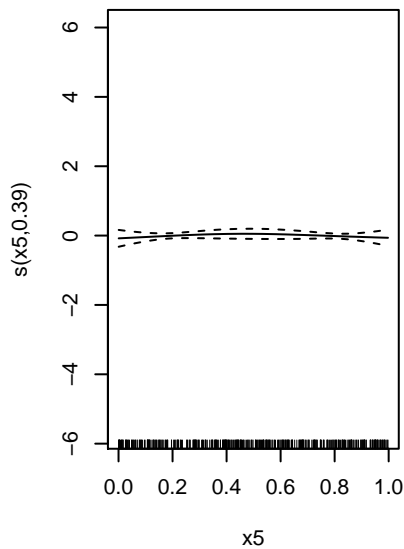
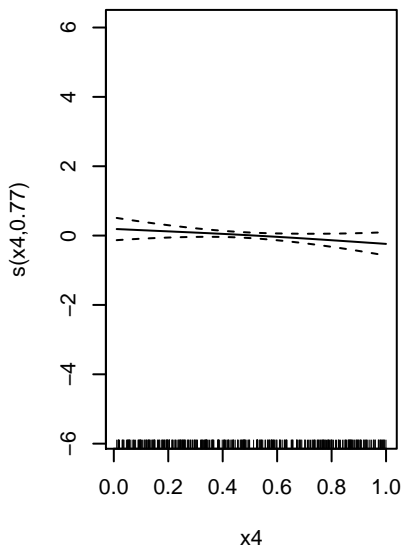
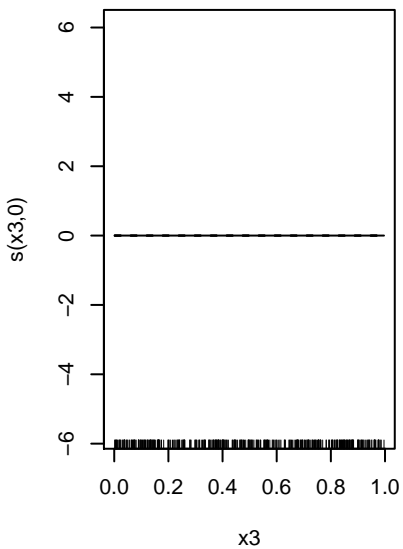
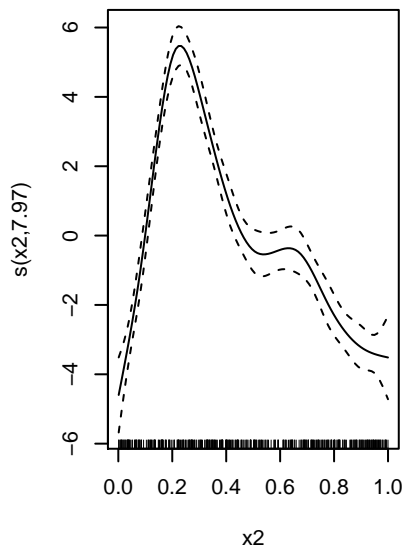
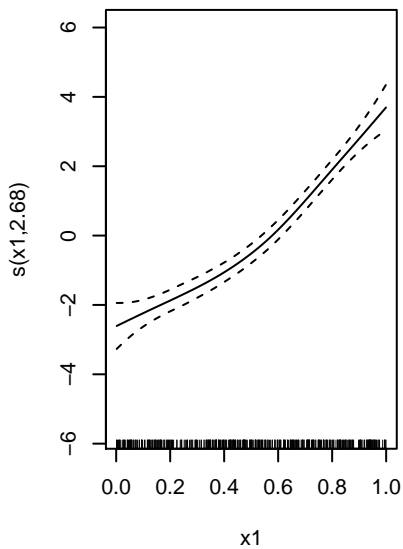
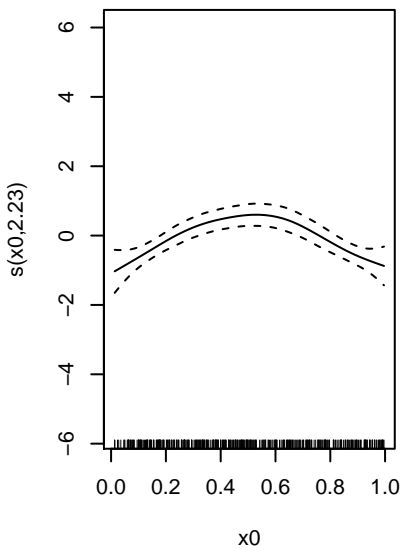




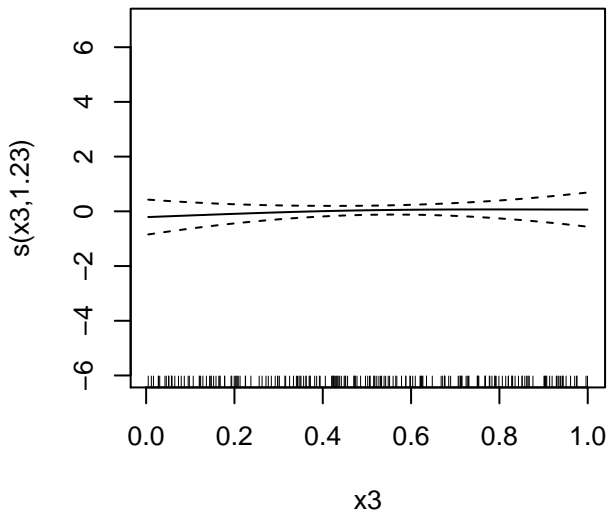
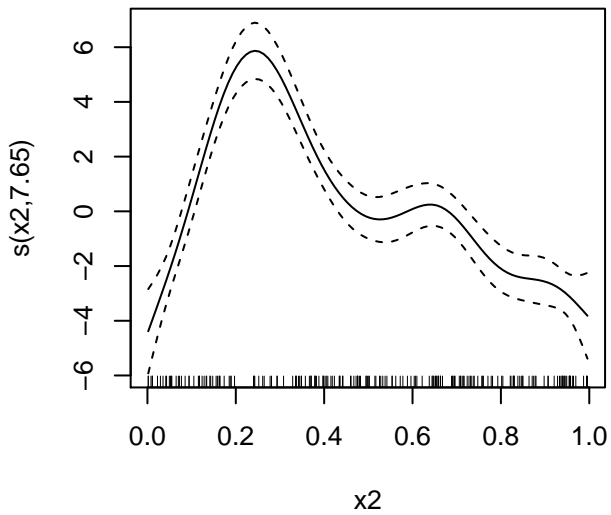
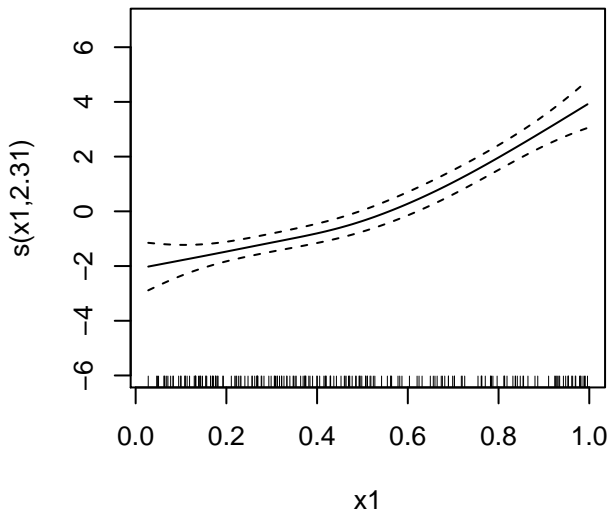
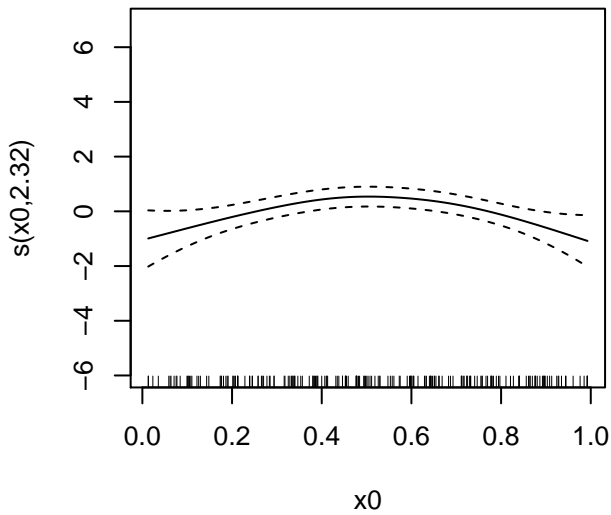
help("step.gam")



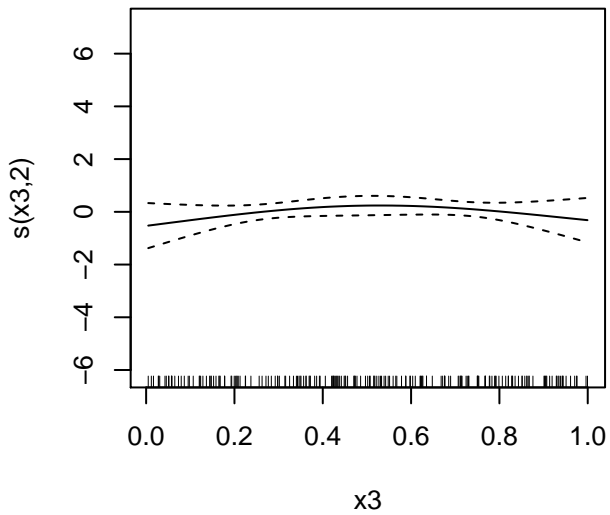
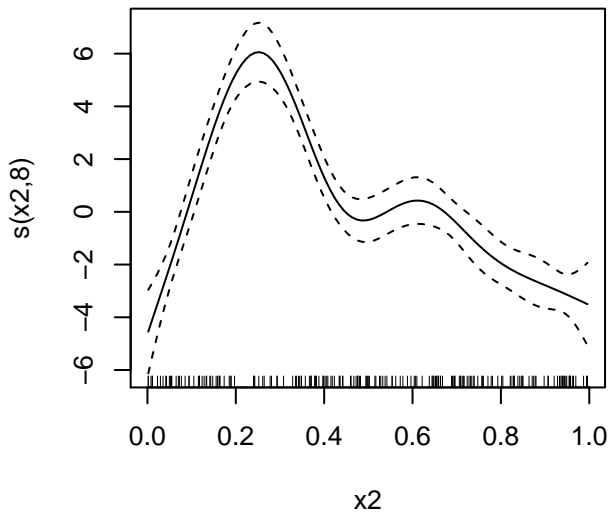
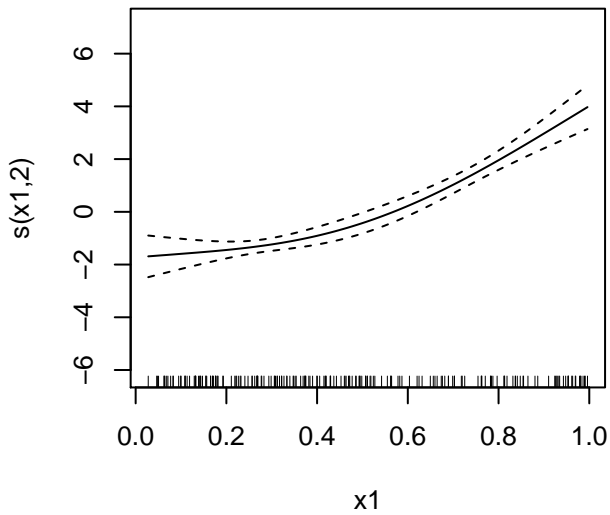
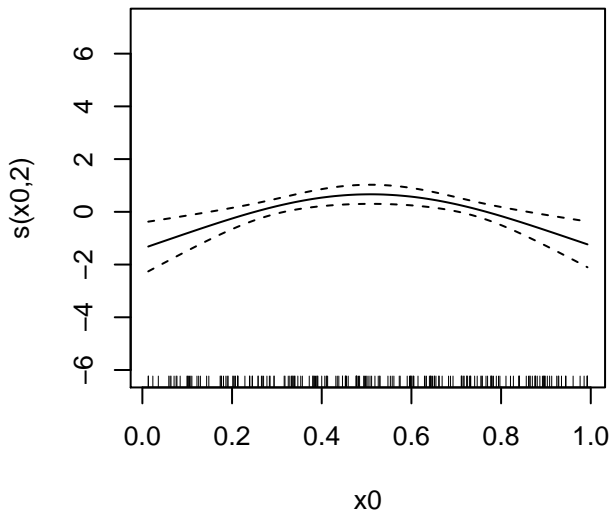
help("step.gam")



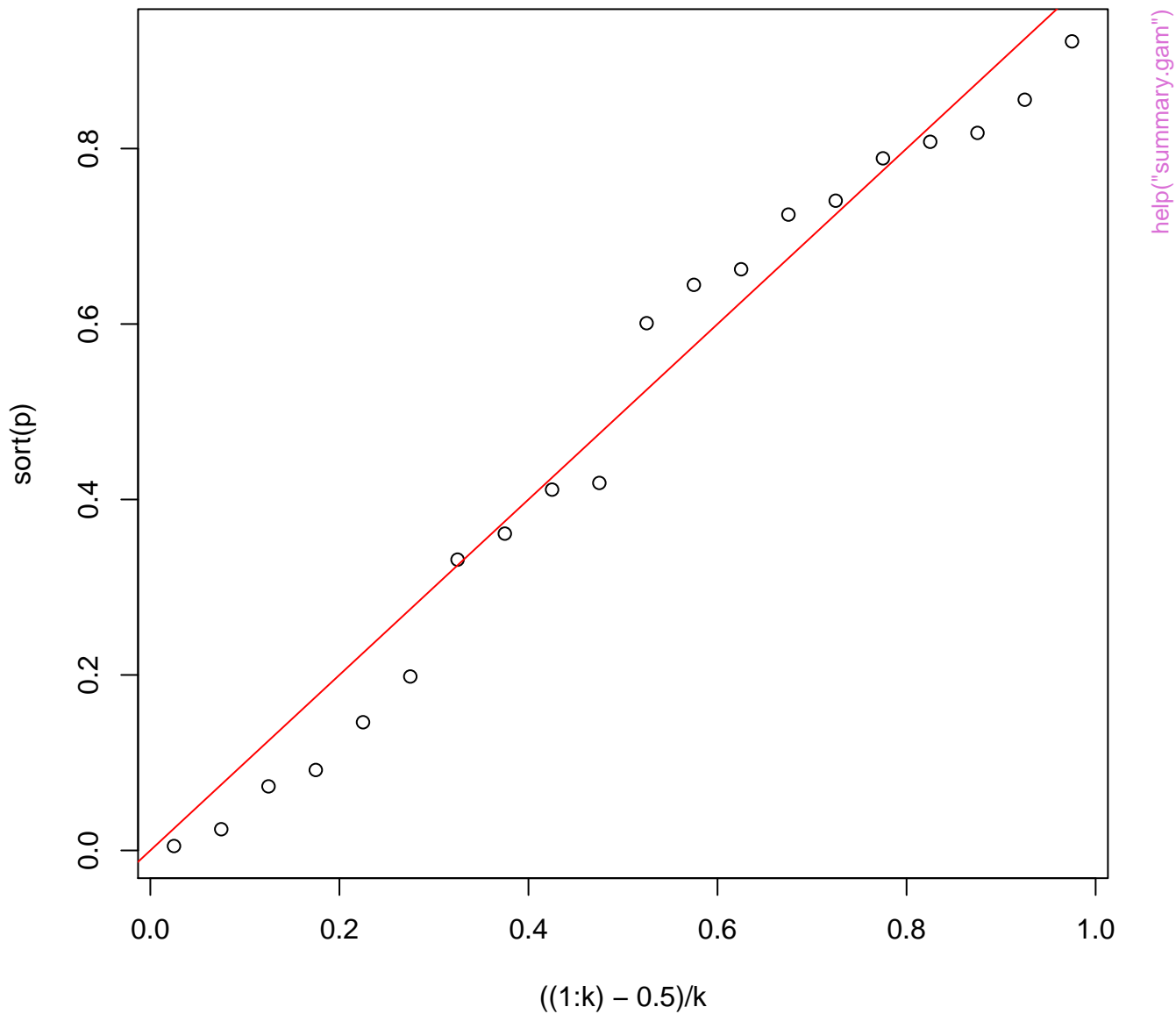
help("step.gam")



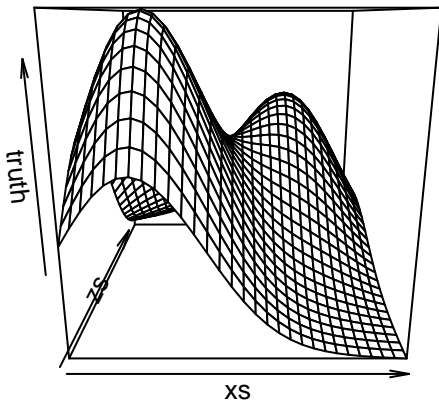
[help\("summary.gam"\)](#)



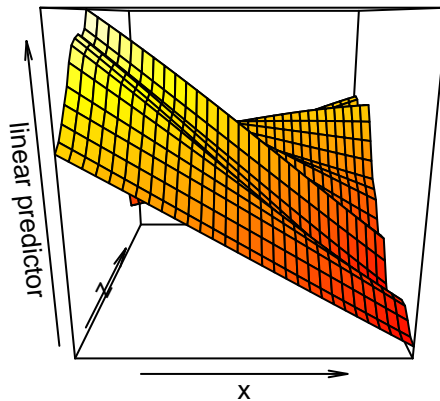
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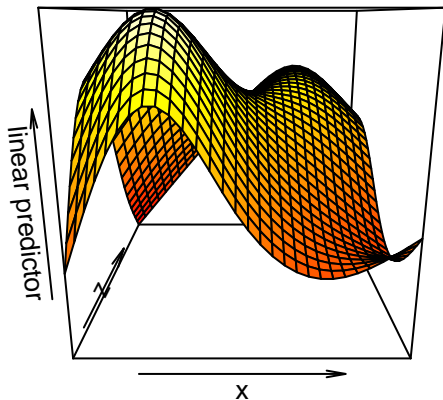
truth



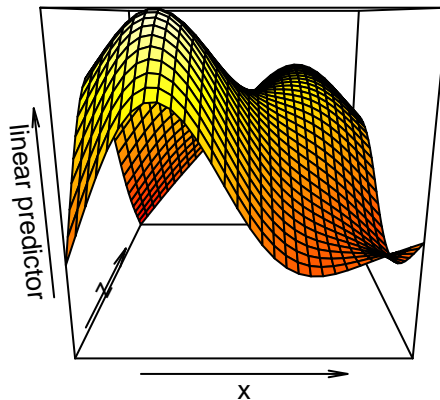
t.p.r.s

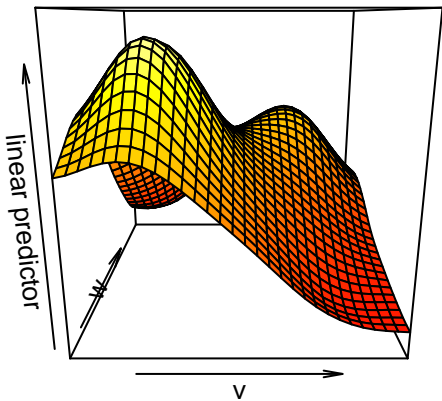
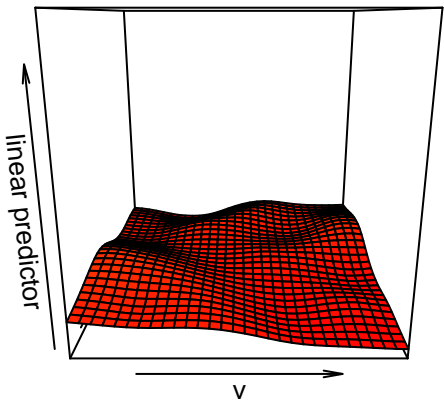
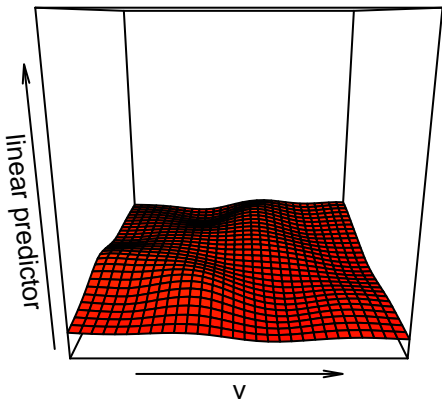
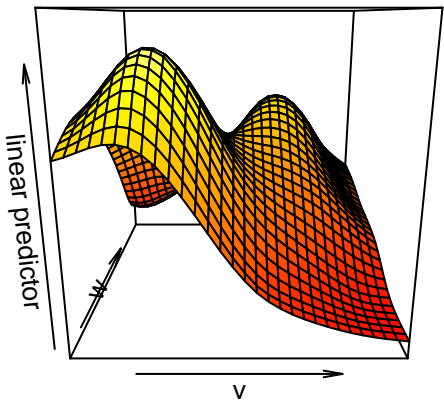


tensor product

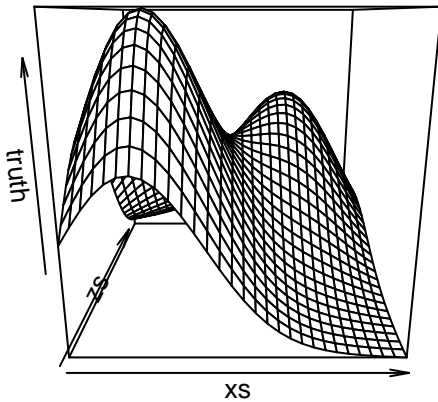


tensor product

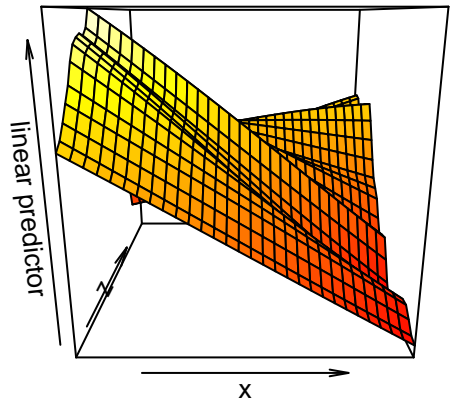




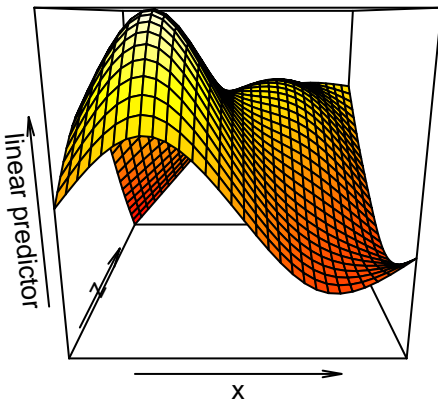
truth



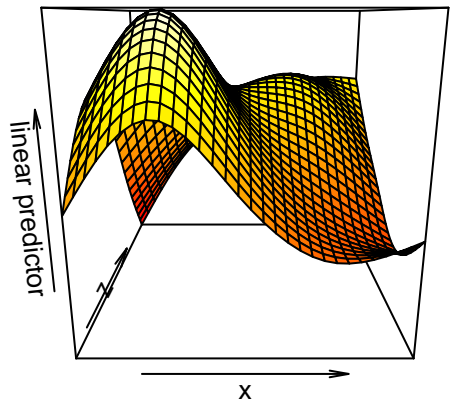
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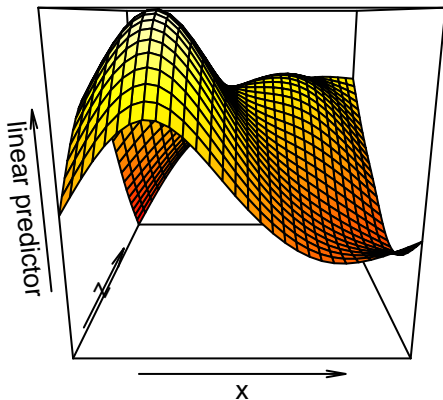
tensor product



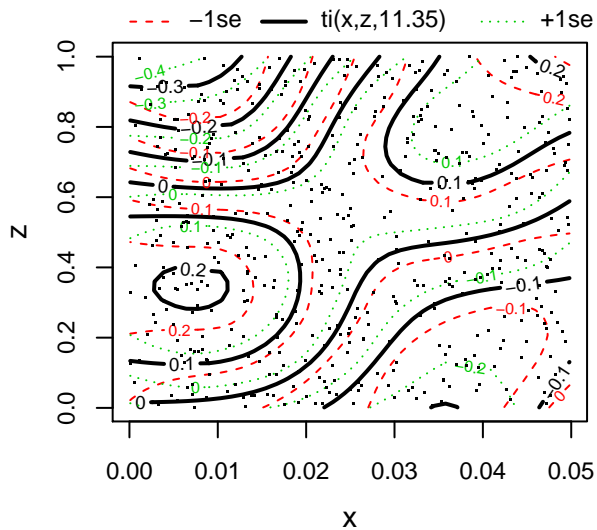
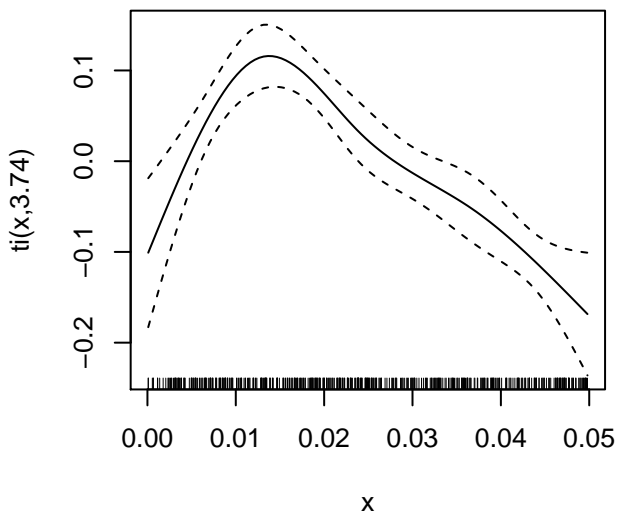
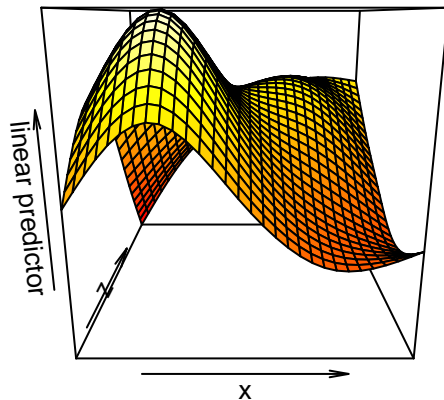
tensor anova

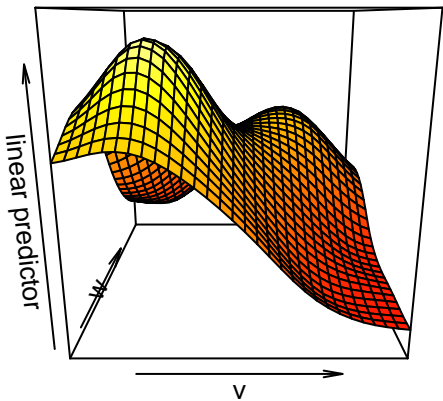
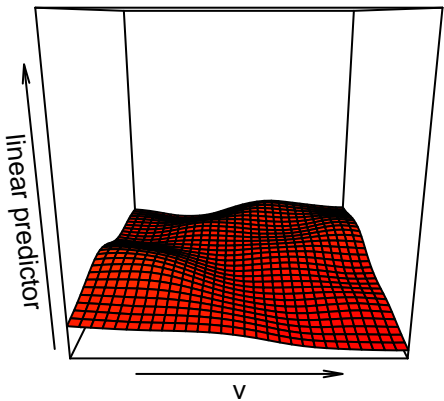
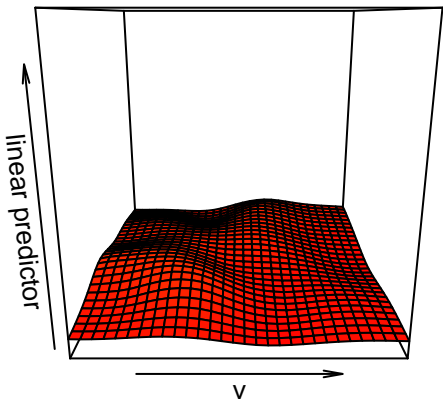
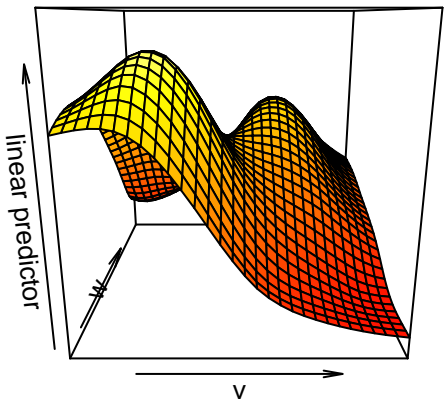


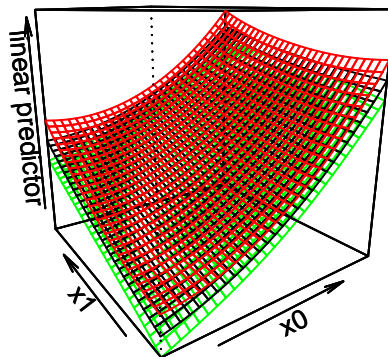
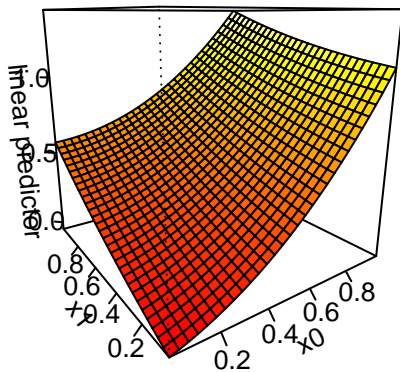
full anova



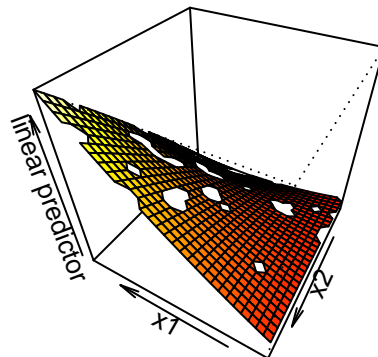
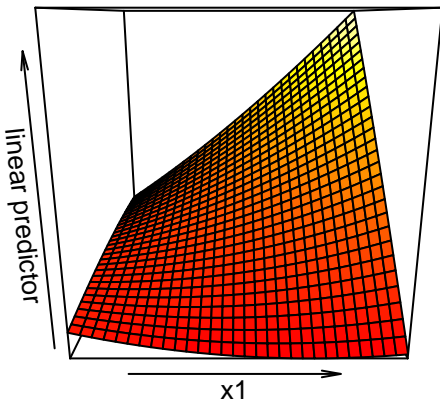
partial anova



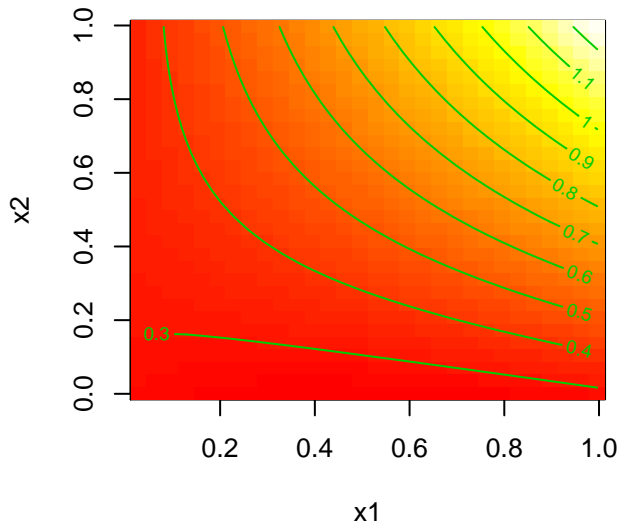




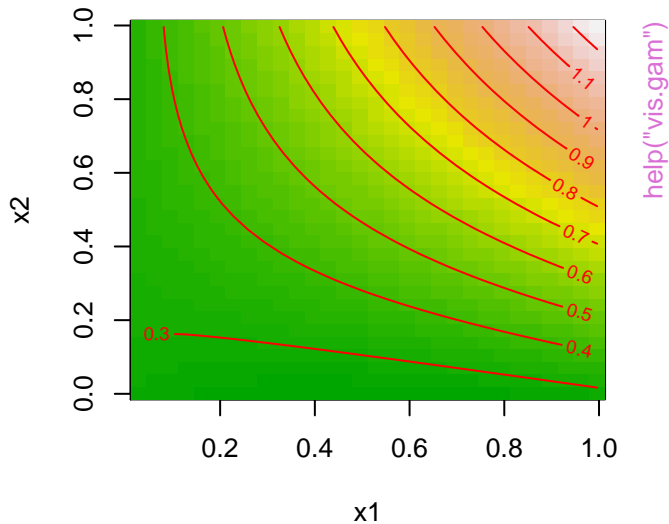
red/green are ± 2 s.e.



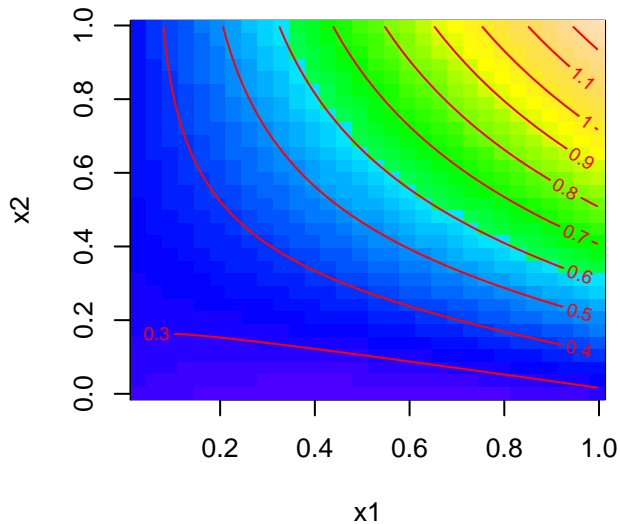
linear predictor



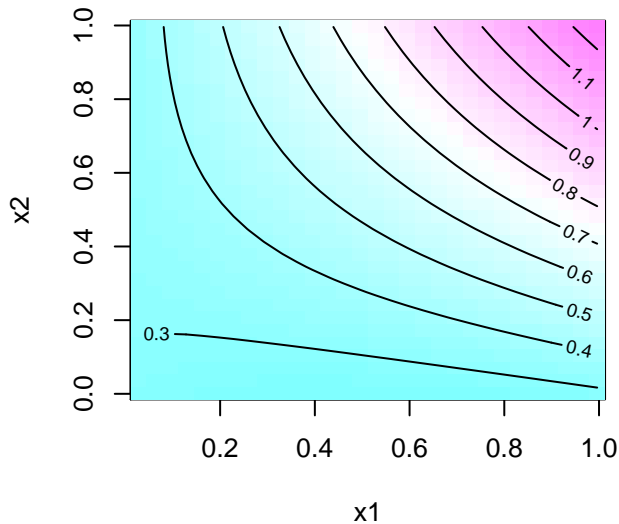
linear predictor

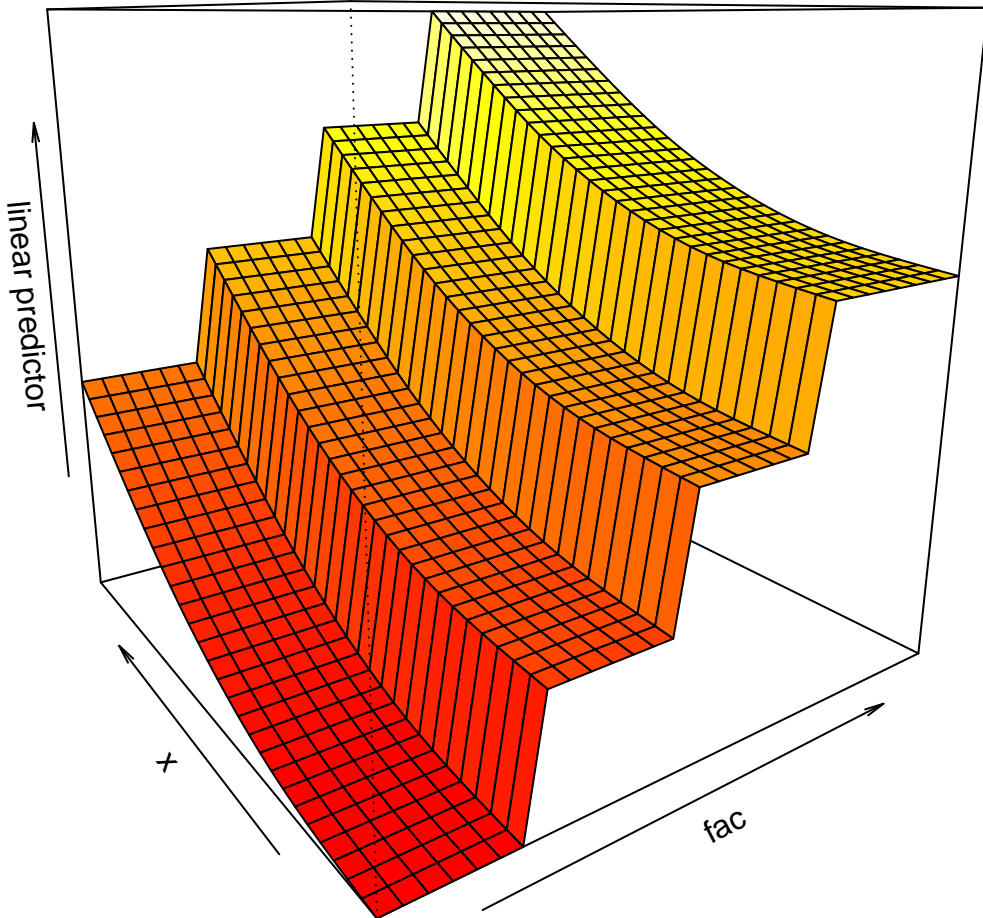


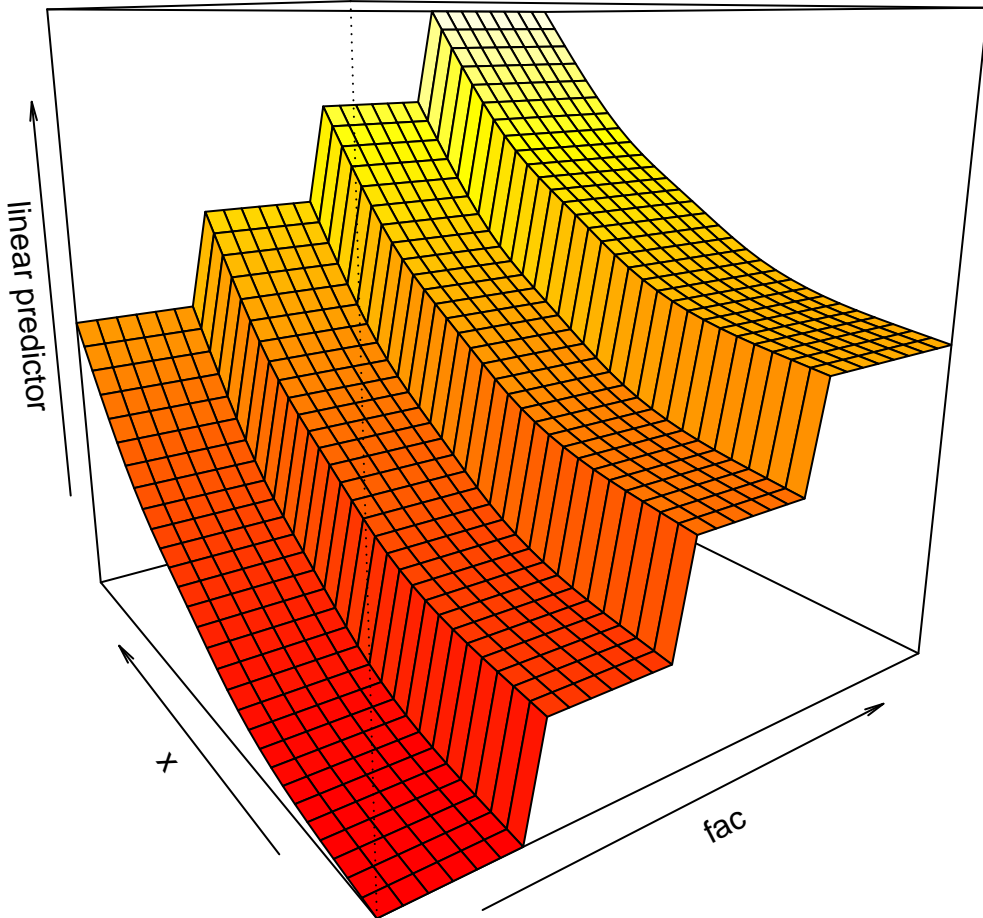
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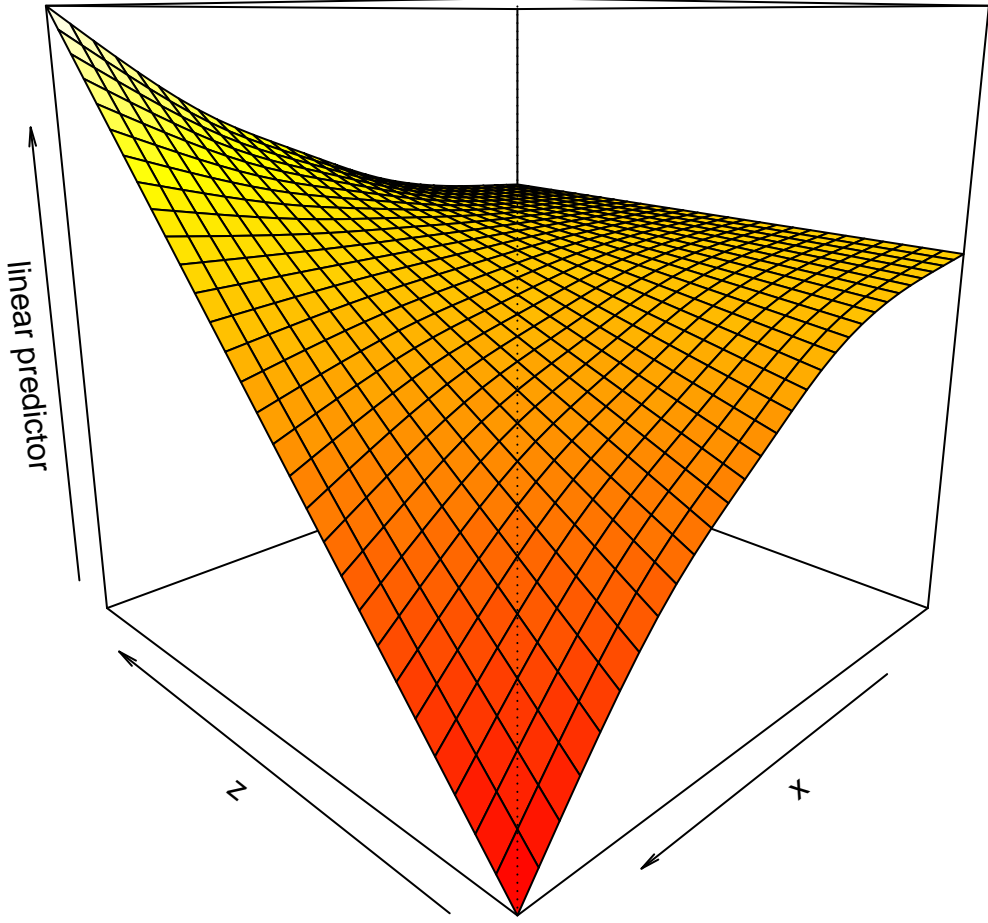


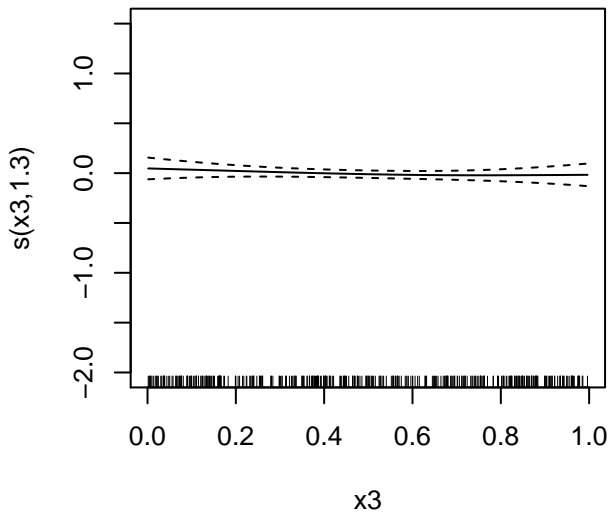
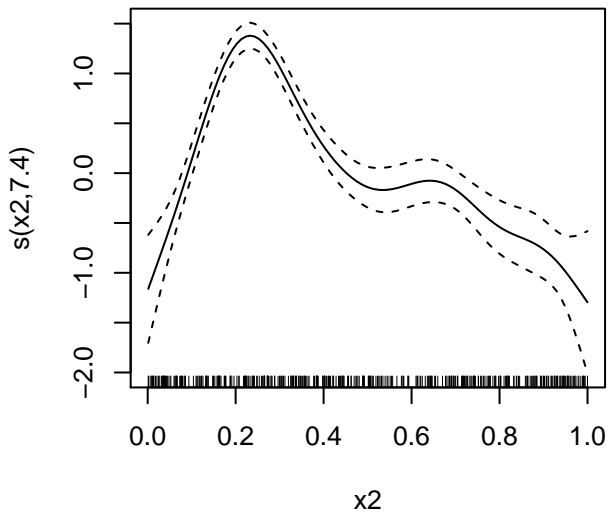
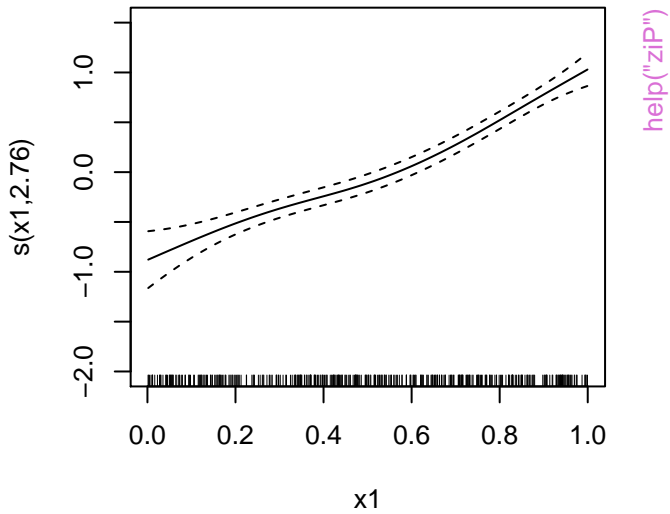
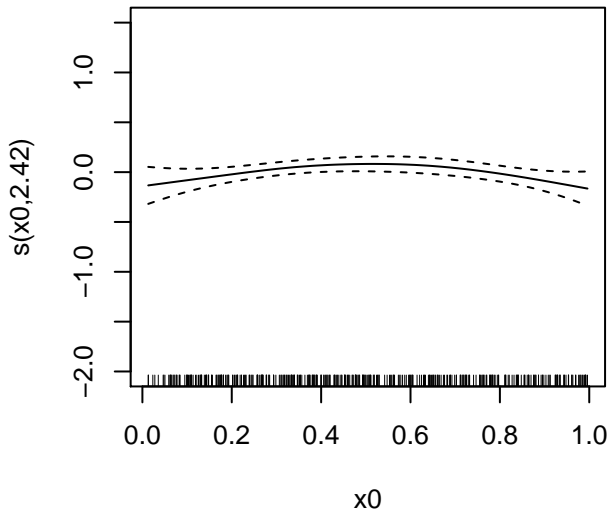
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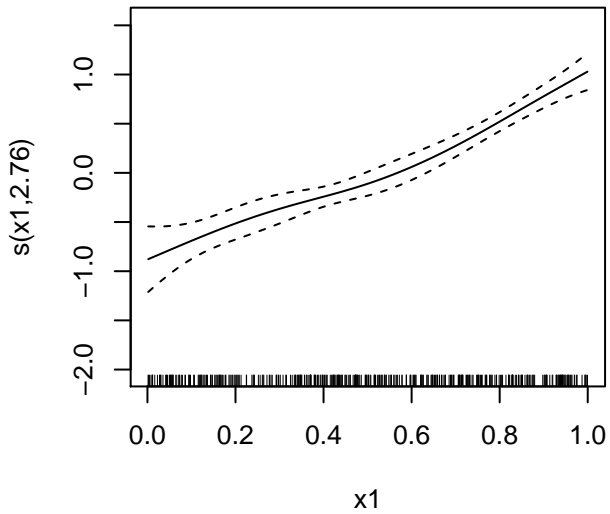
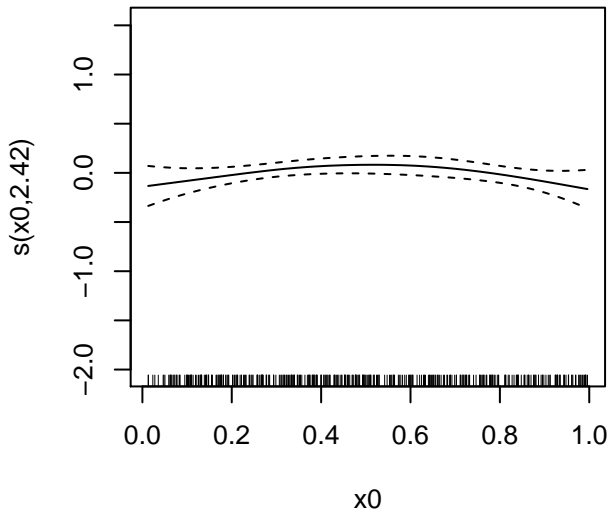












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