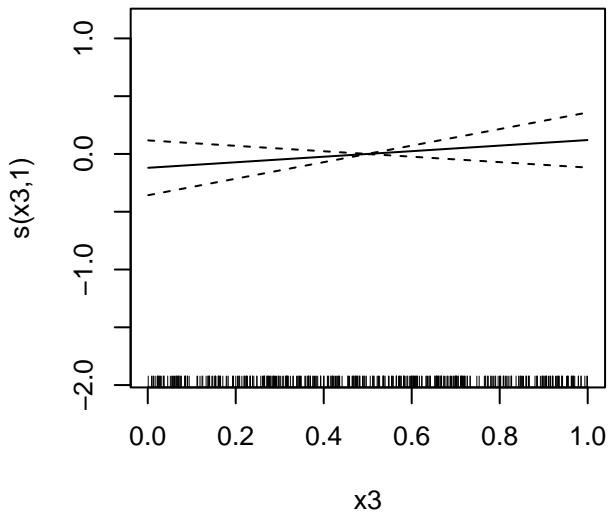
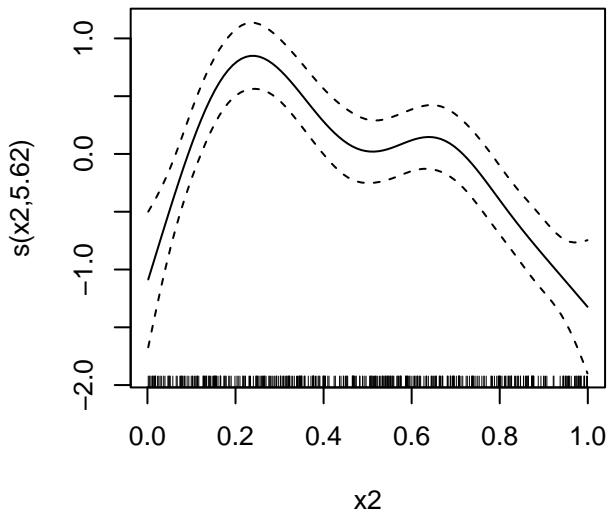
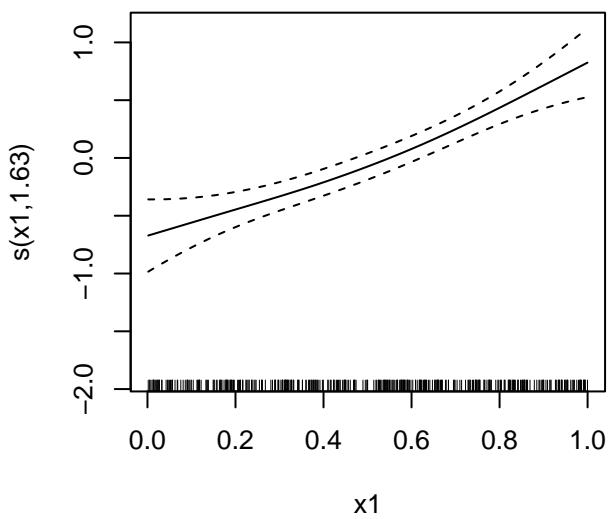
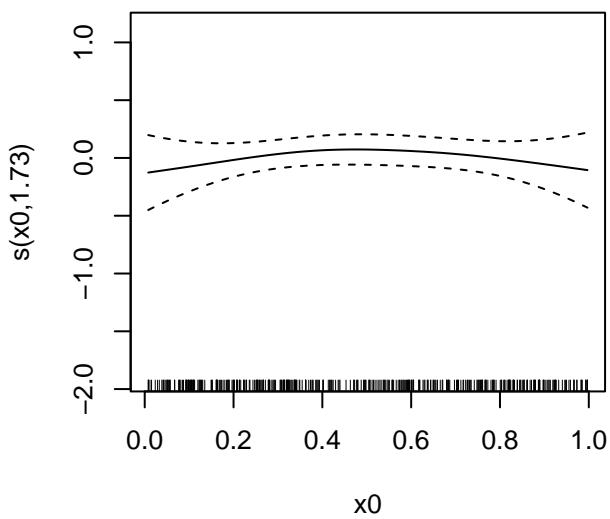
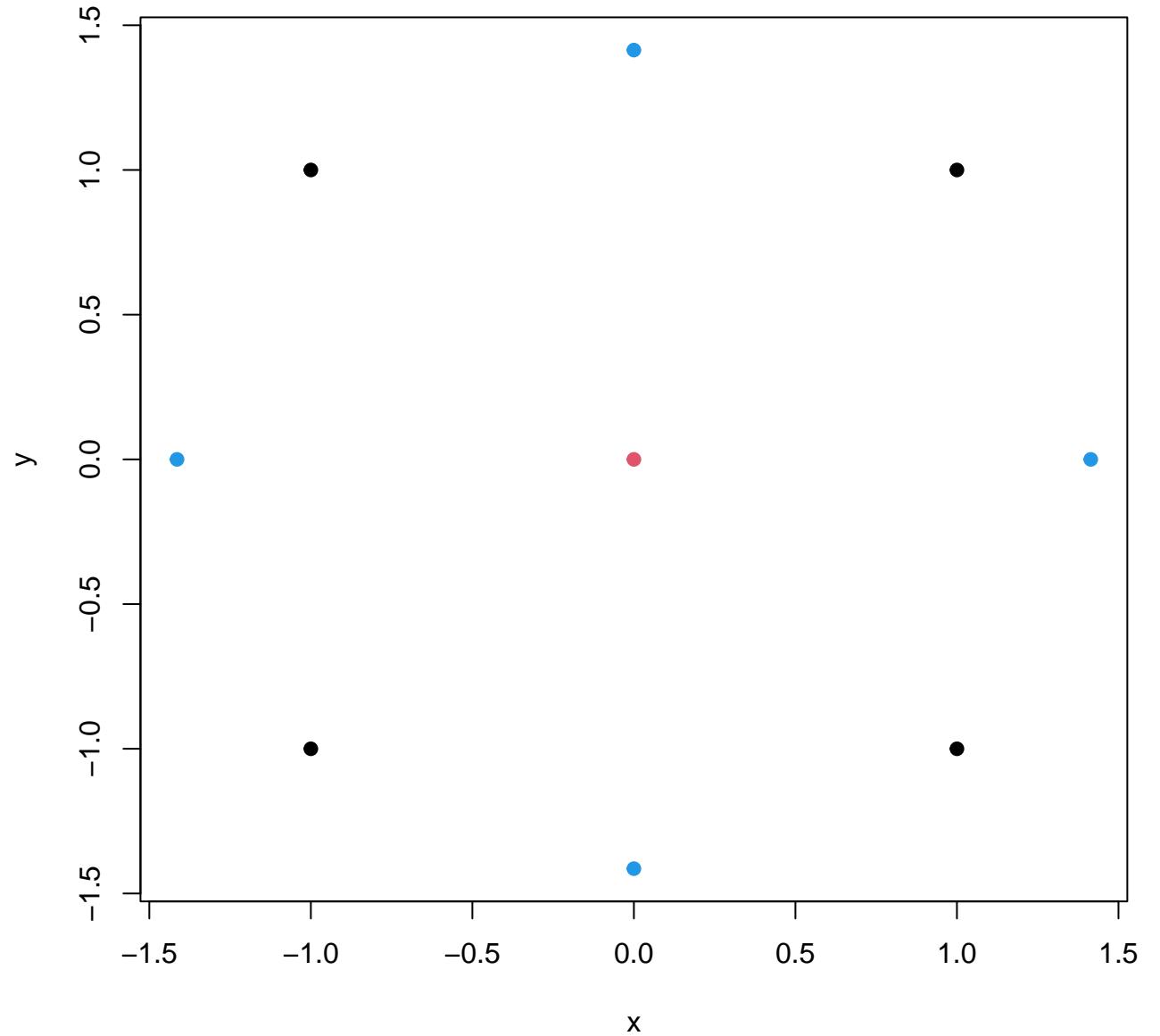


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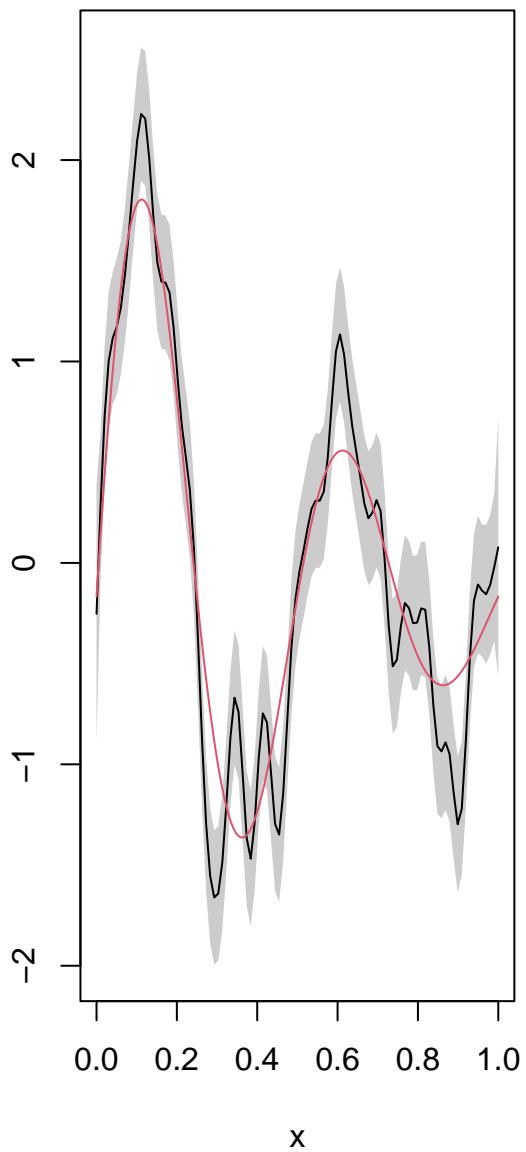


CCD

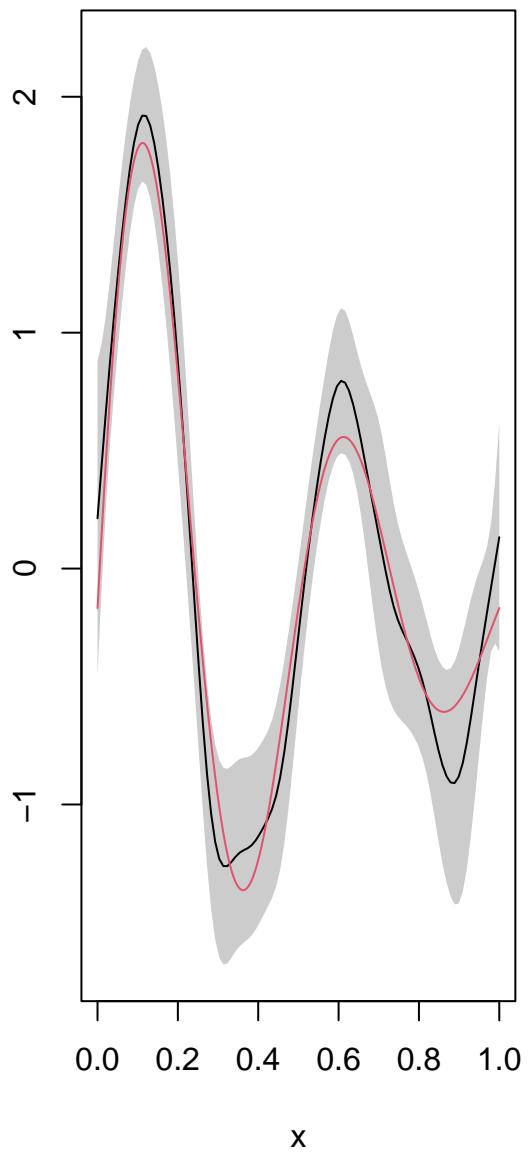


help("FFdes")

$s(x, 32.12)$



$s(x, 11.41)$



help("NCV")

fsb[[1]]\$y

0.5

0.0

-0.5

-1

0

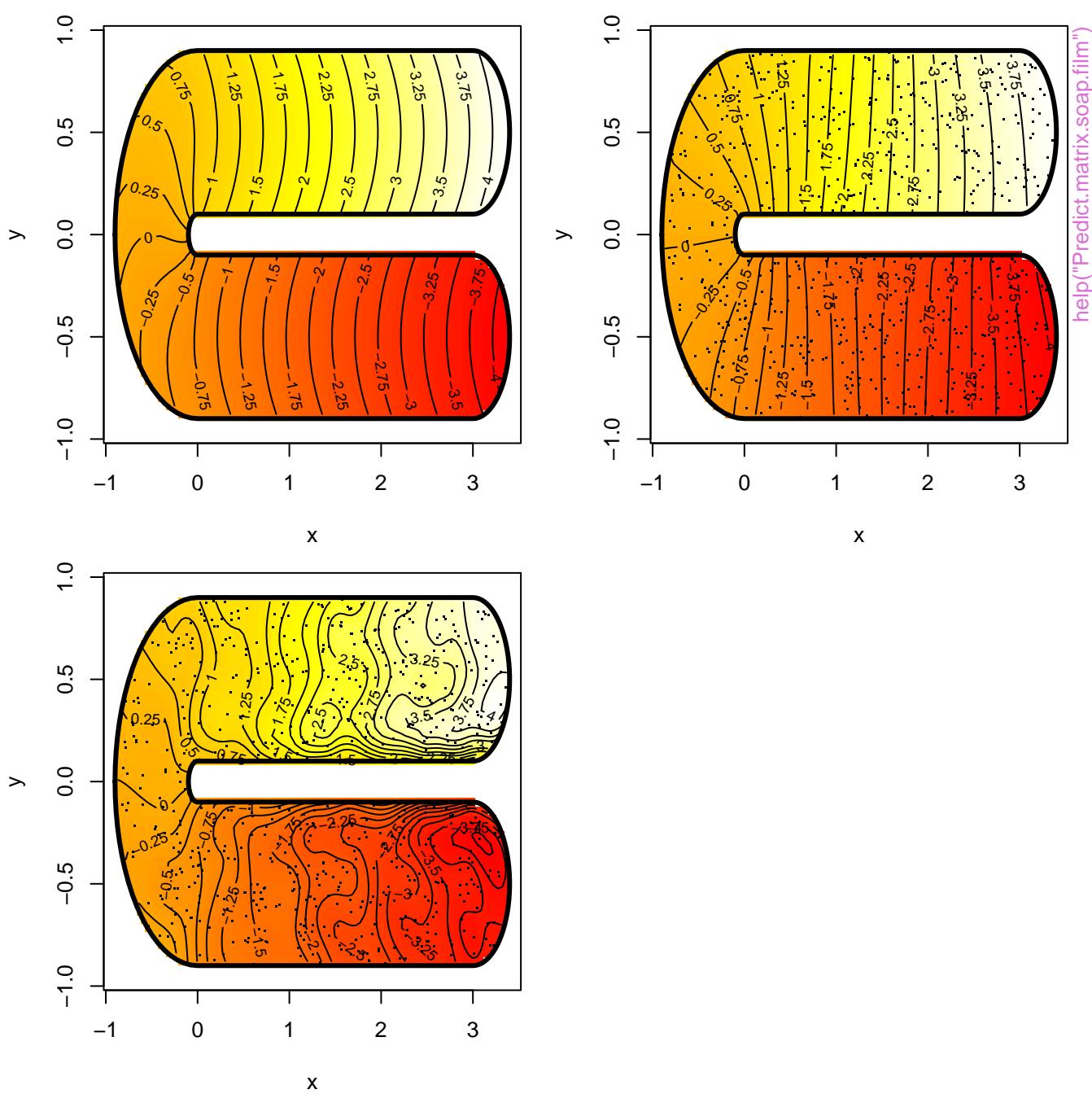
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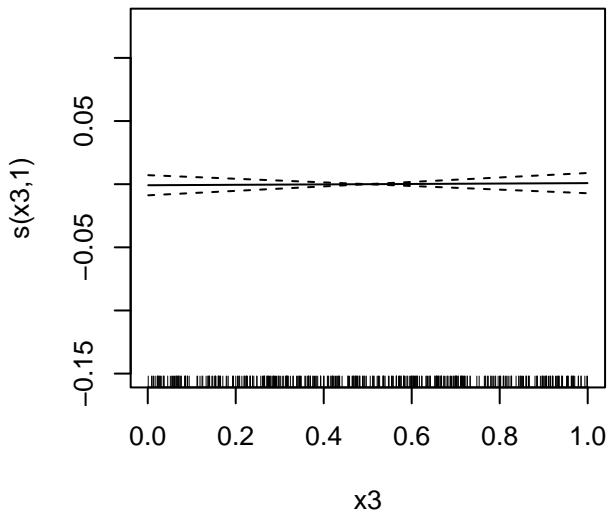
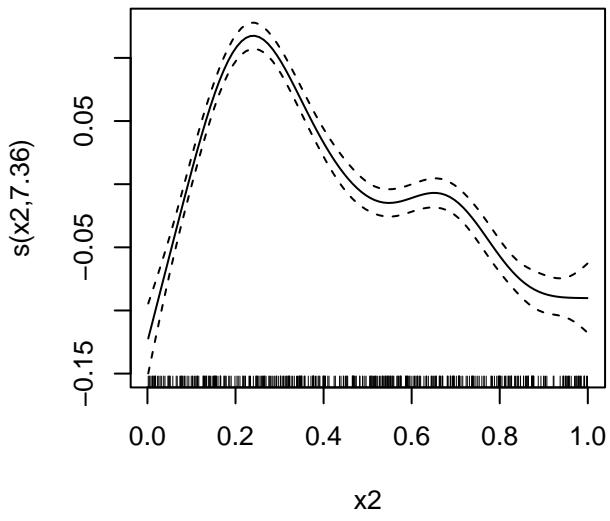
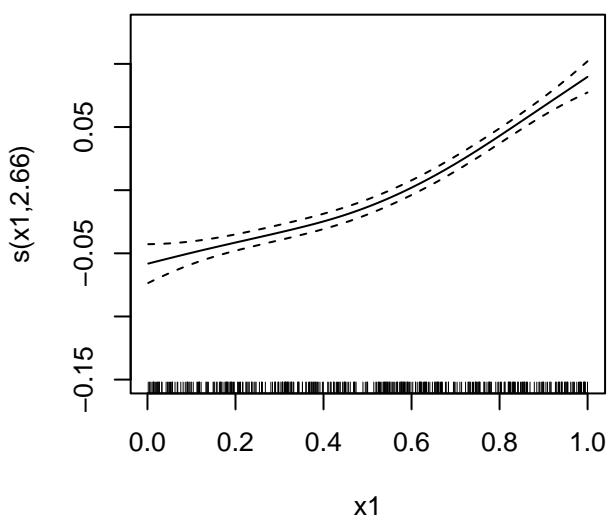
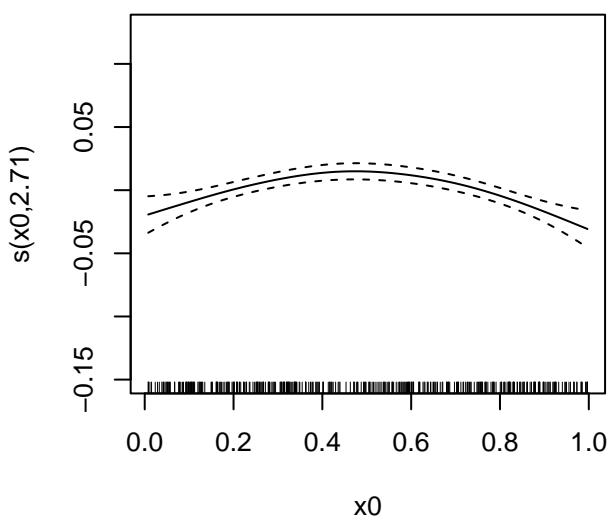
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3

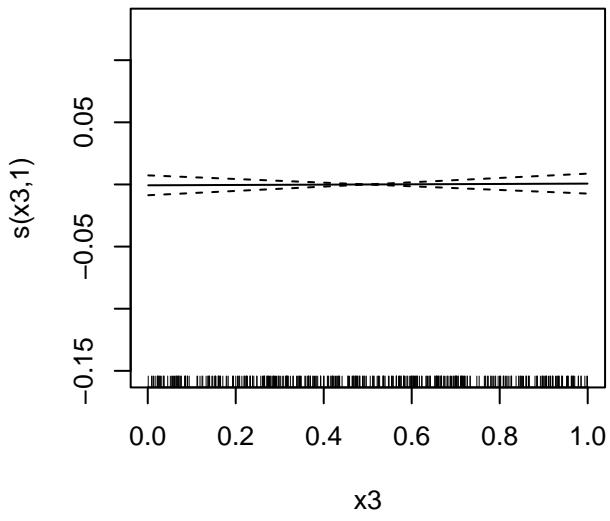
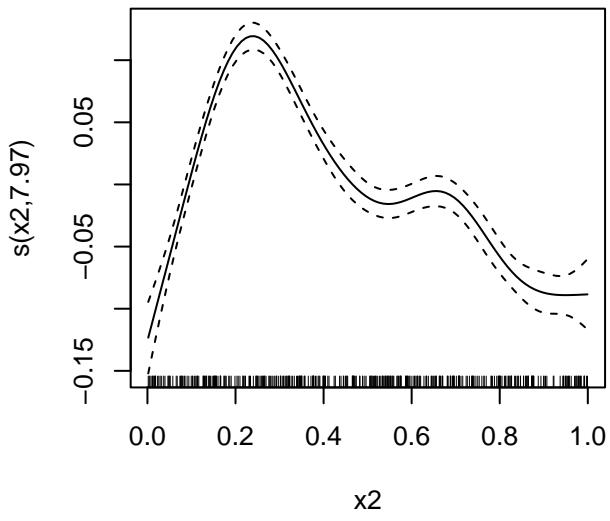
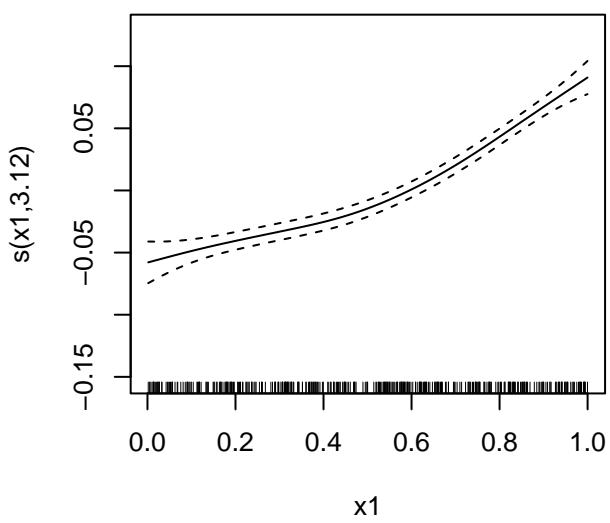
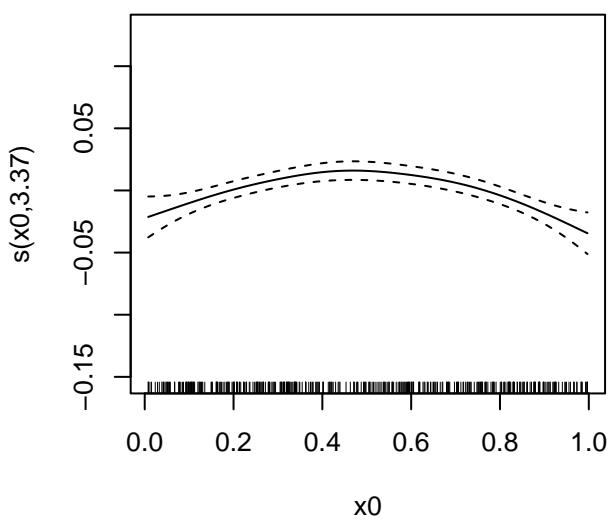
fsb[[1]]\$x

help("Predict.matrix.soap.film")

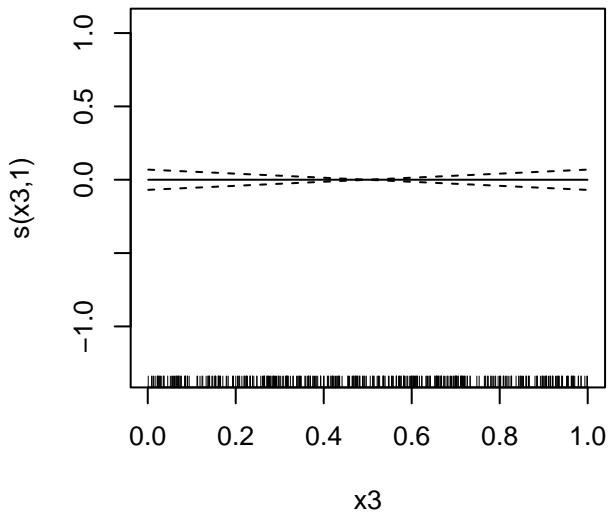
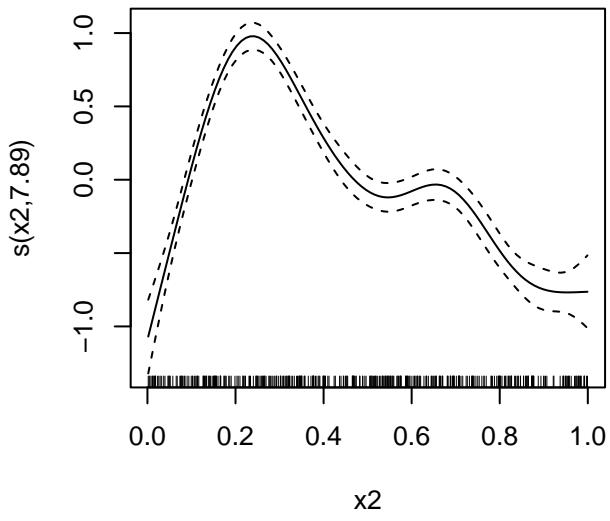
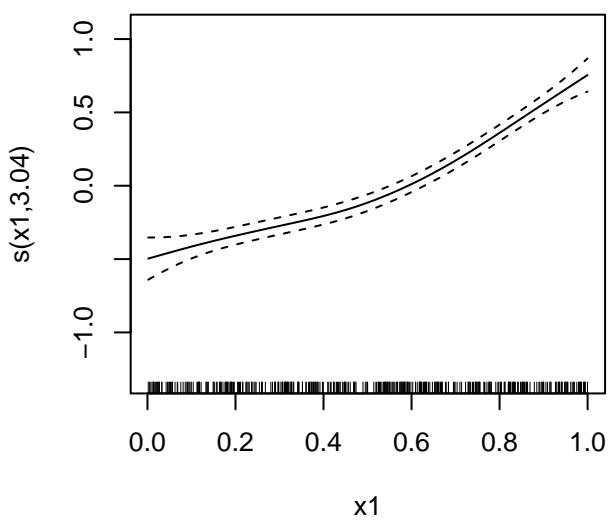
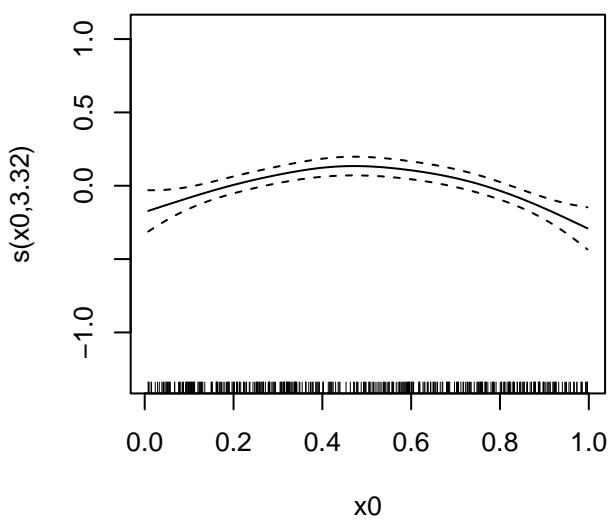




help("Tweedie")



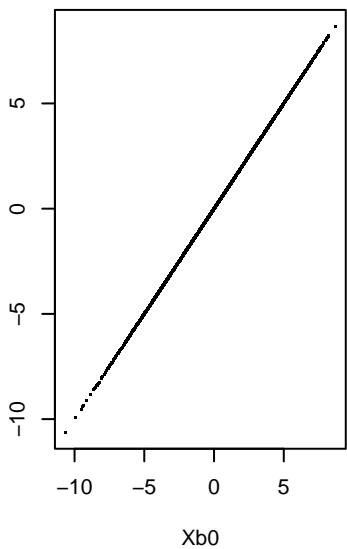
help("Tweedie")



help("Tweedie")

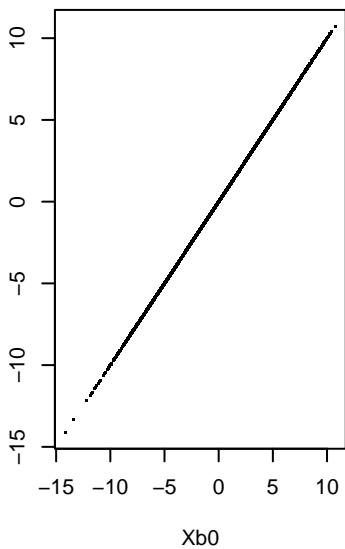
help("XWXd")

Xb1



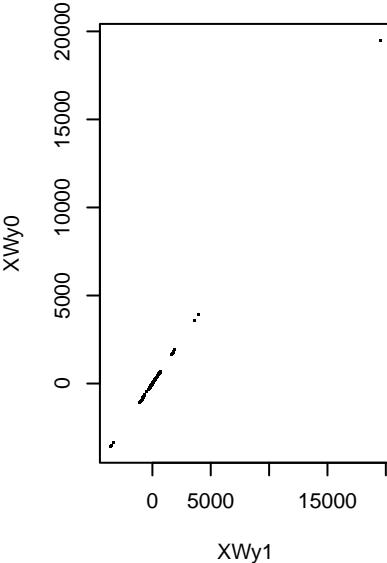
Xb0

Xb1



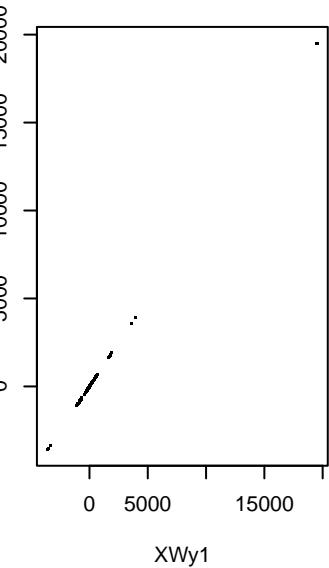
Xb0

XWy0



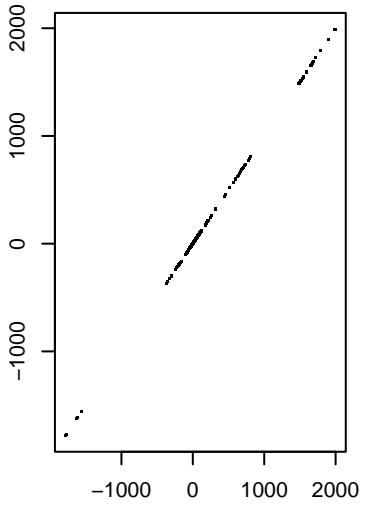
XWy1

XWy0



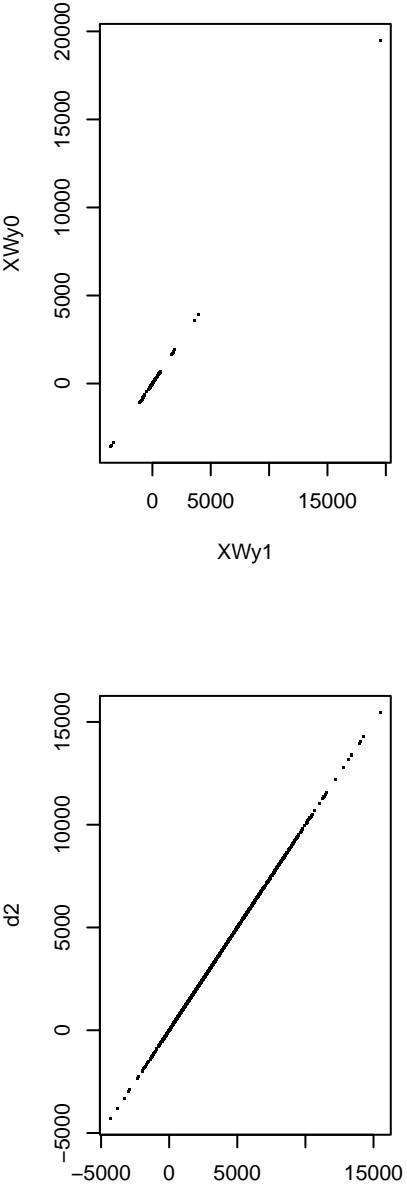
XWy1

B

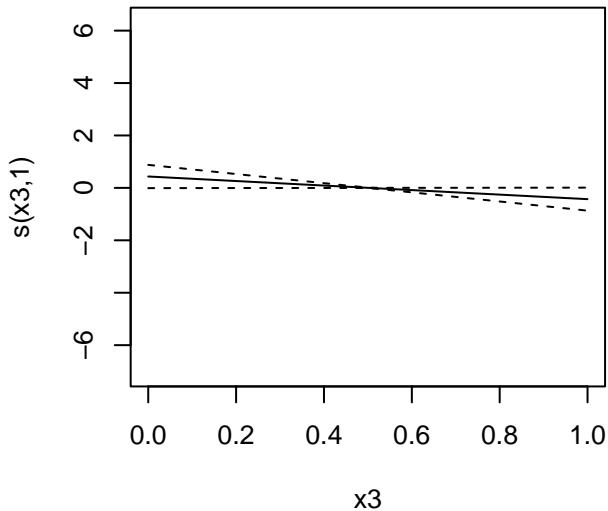
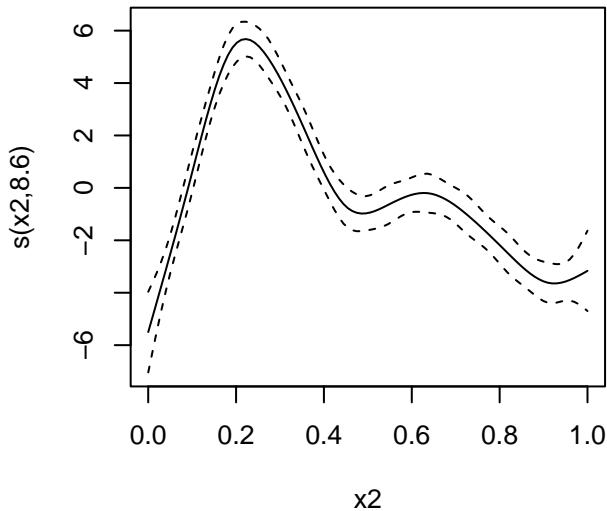
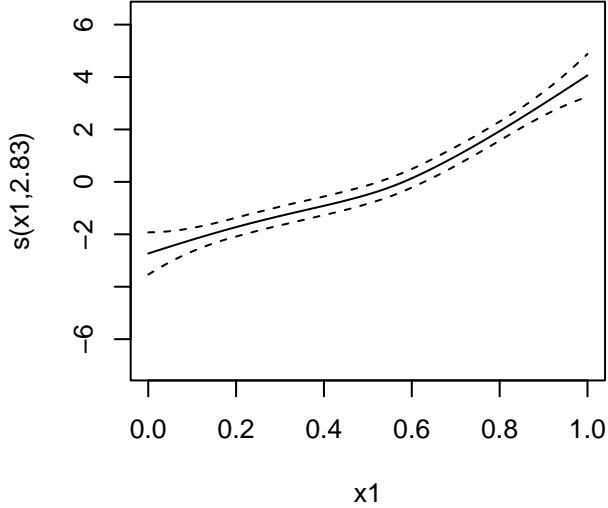
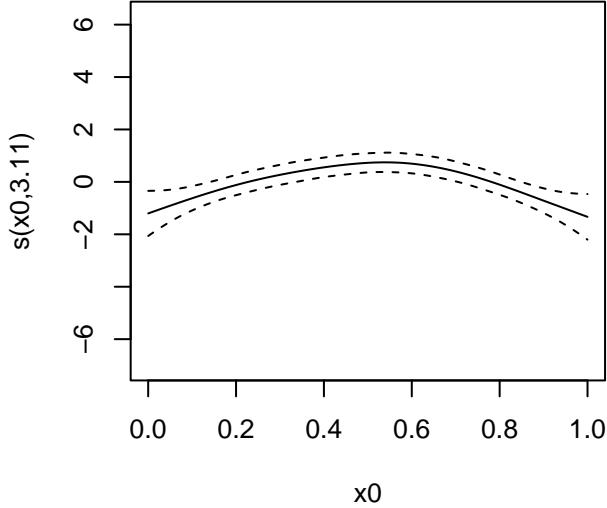


A

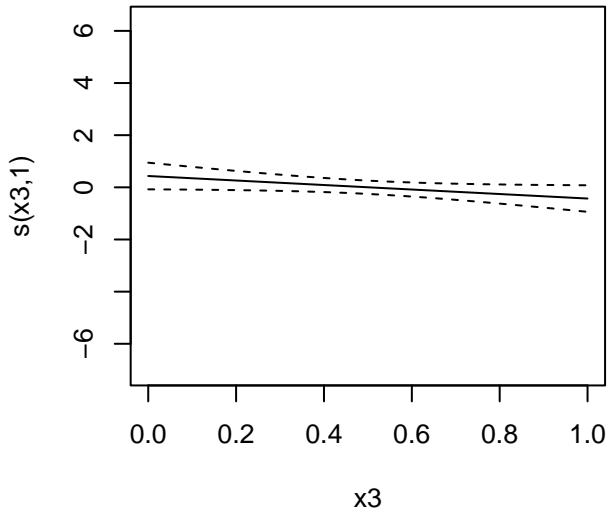
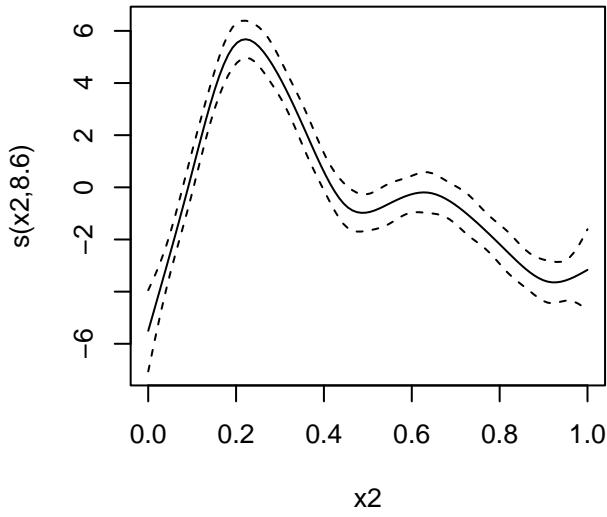
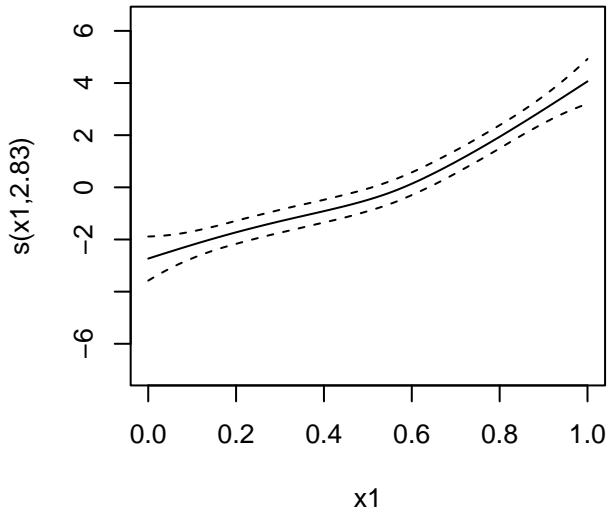
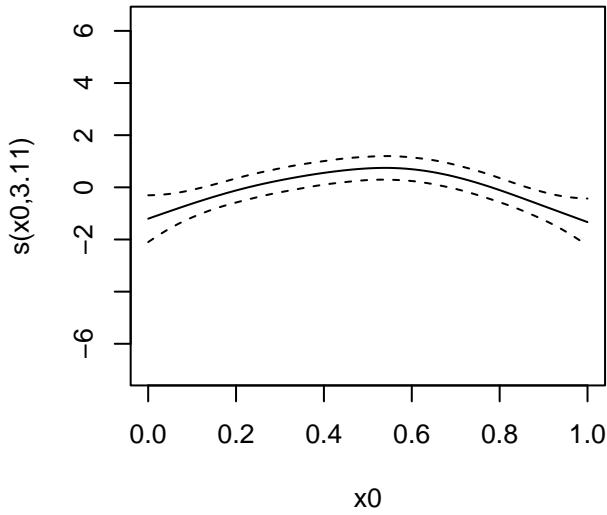
d2



d1

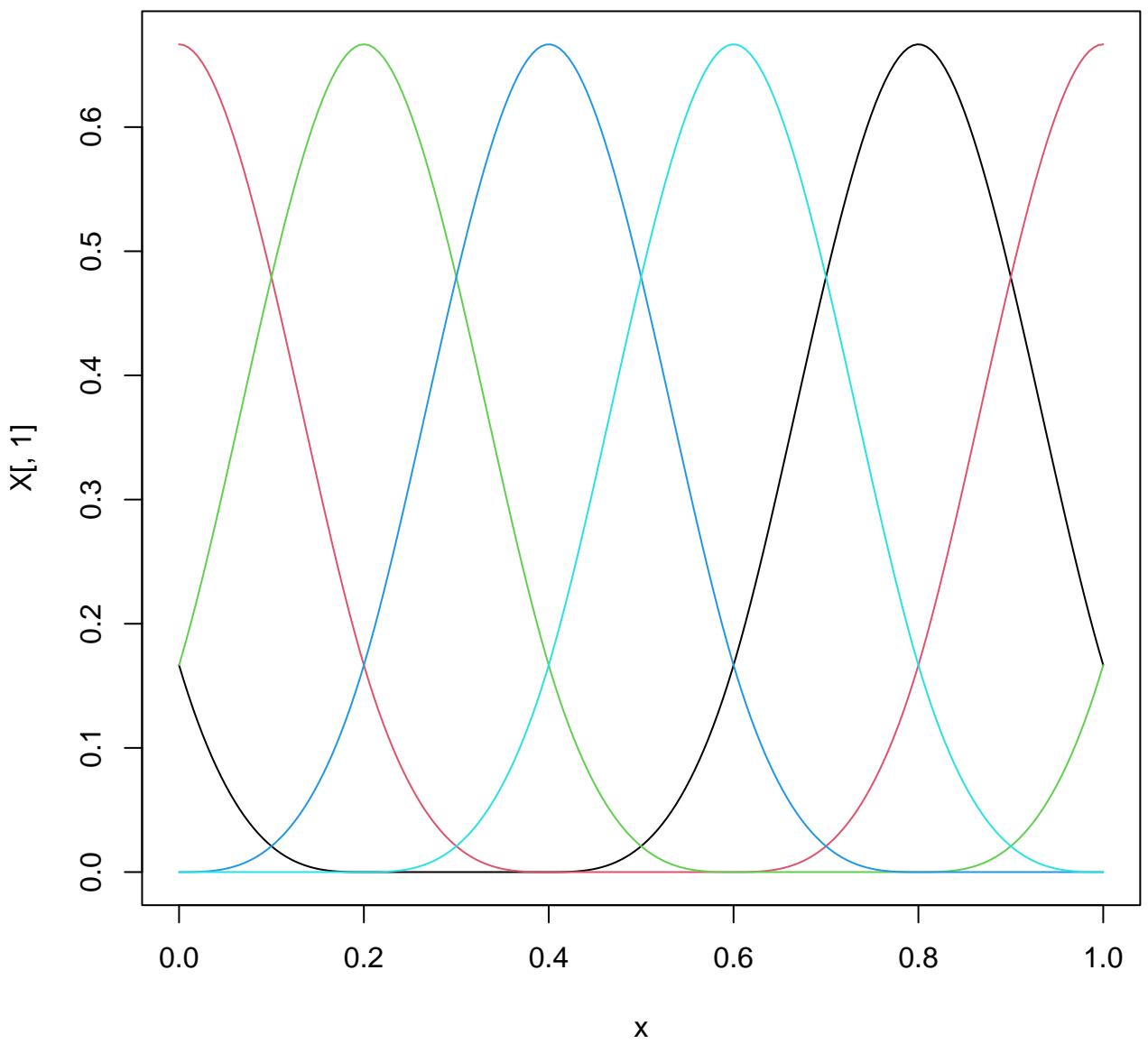


help("bam")

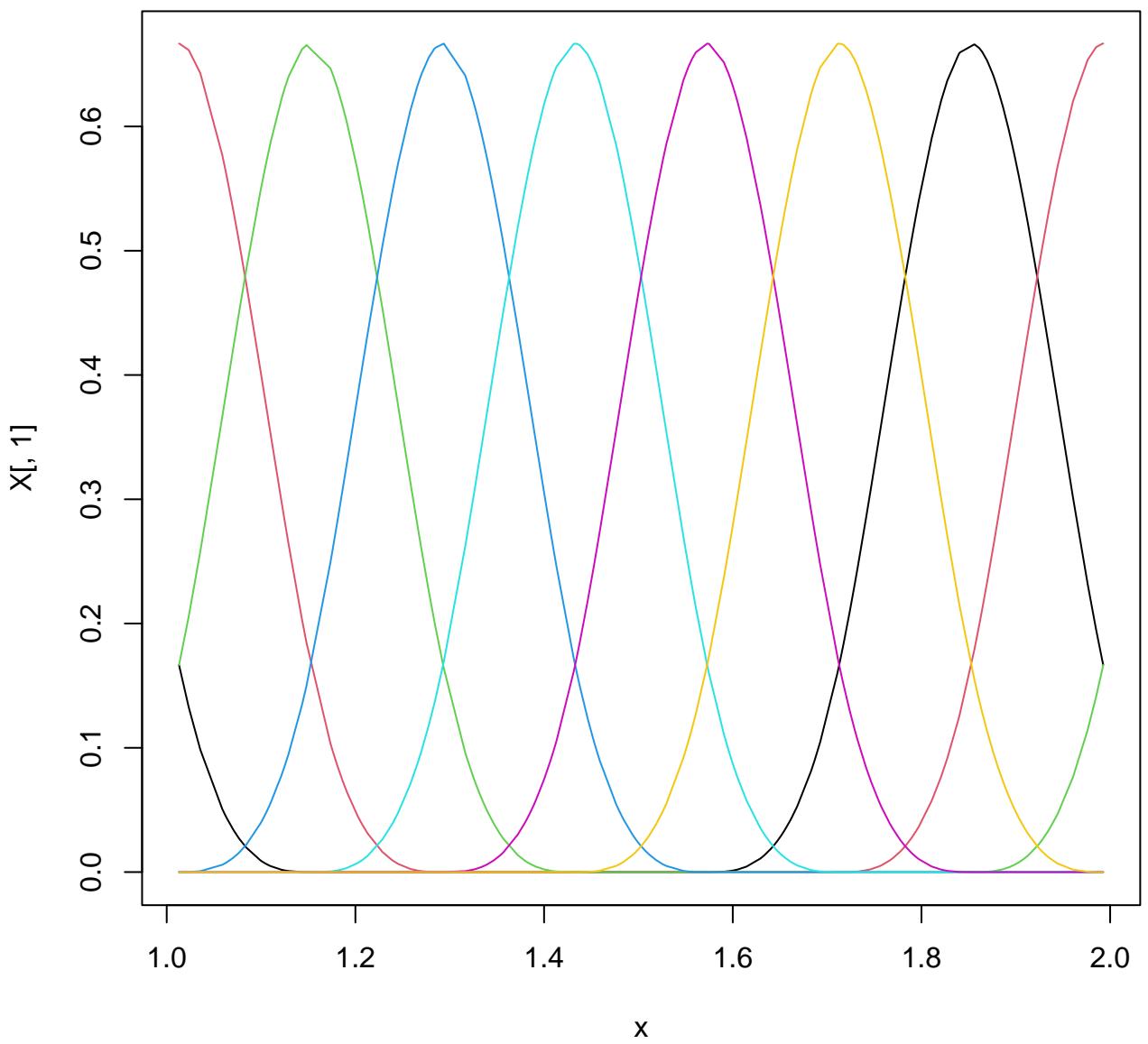


help("bam")

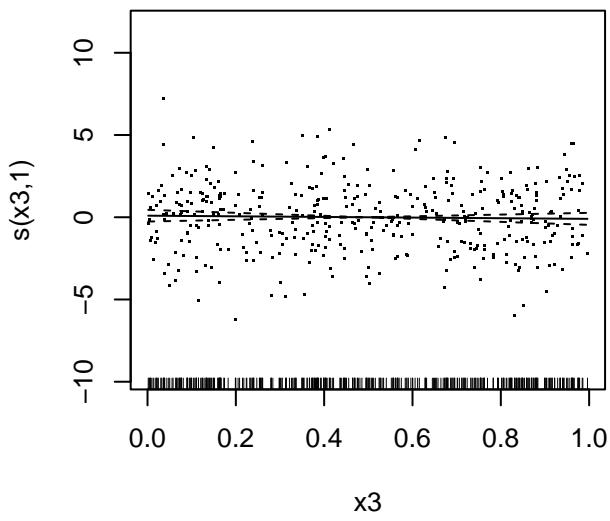
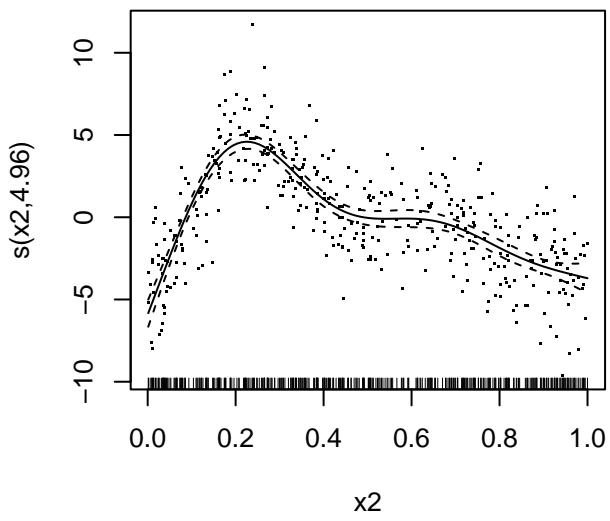
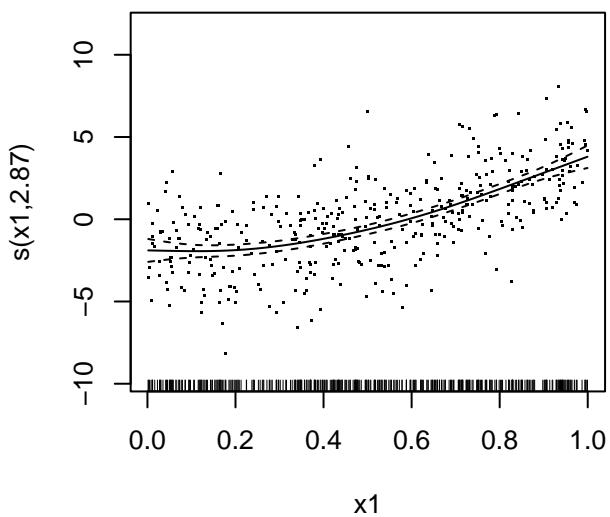
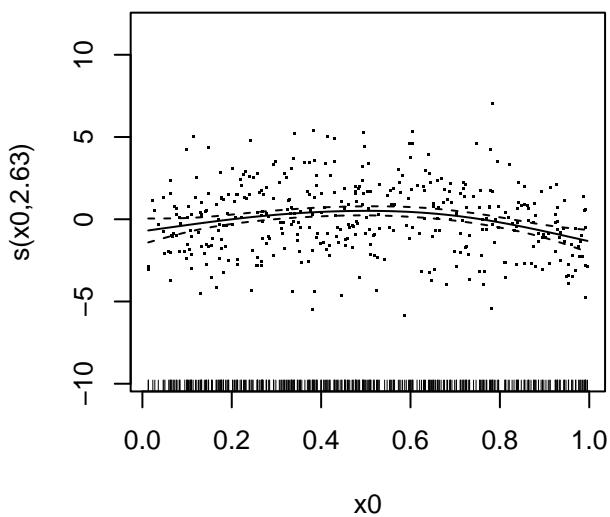
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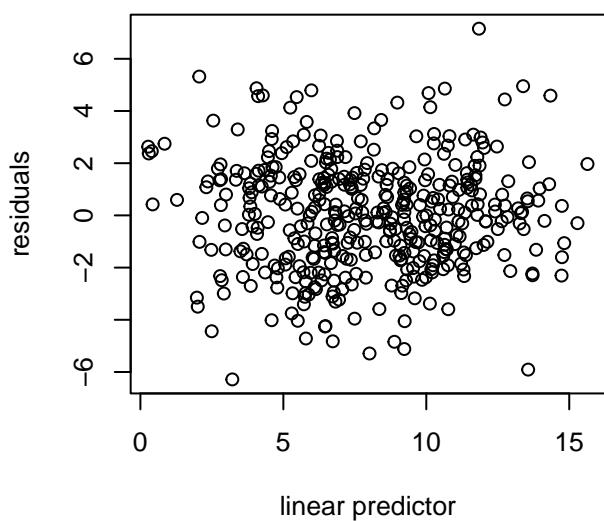
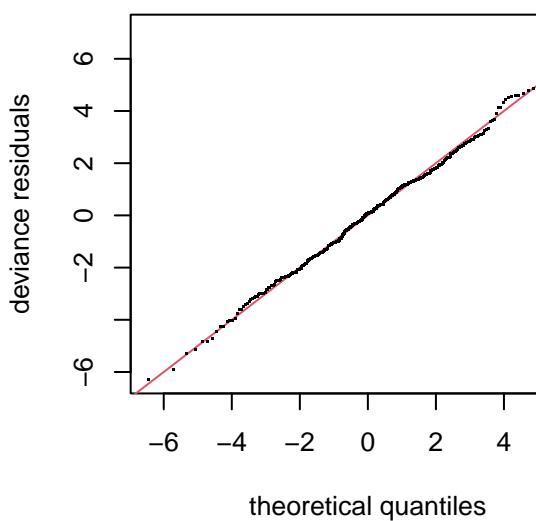
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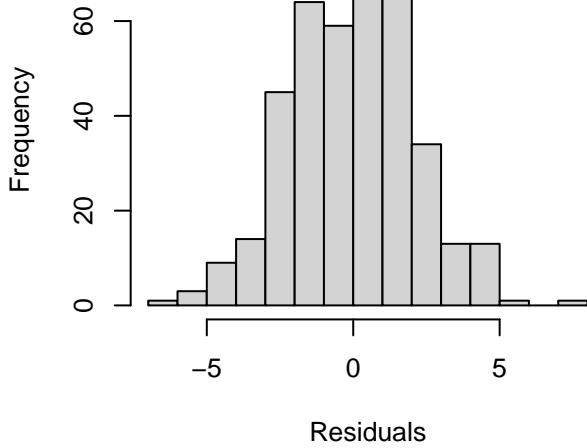
help("choose.k")



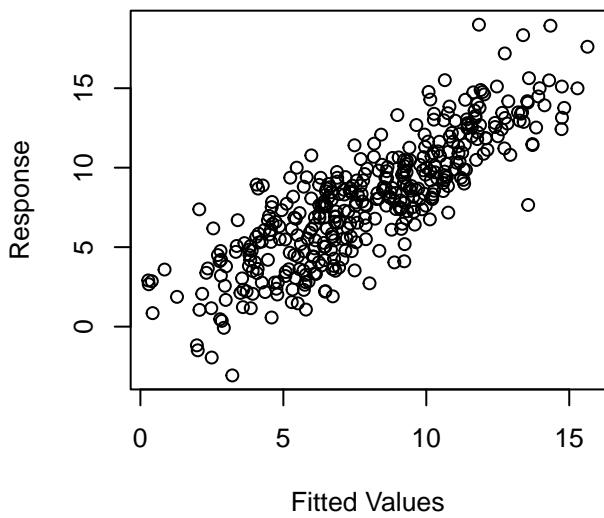
Resids vs. linear pred.



Histogram of residuals

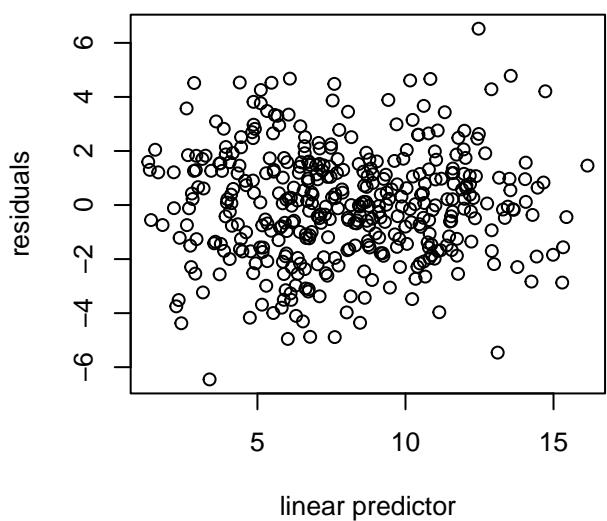
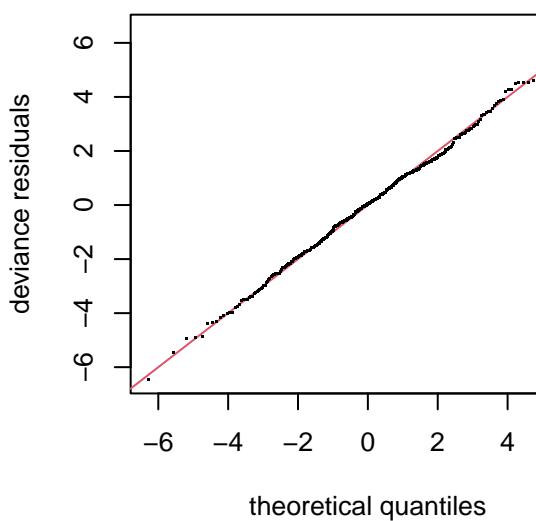


Response vs. Fitted Values

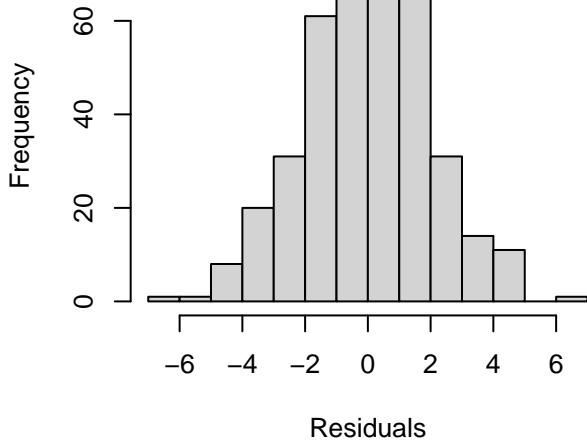


help("choose.k")

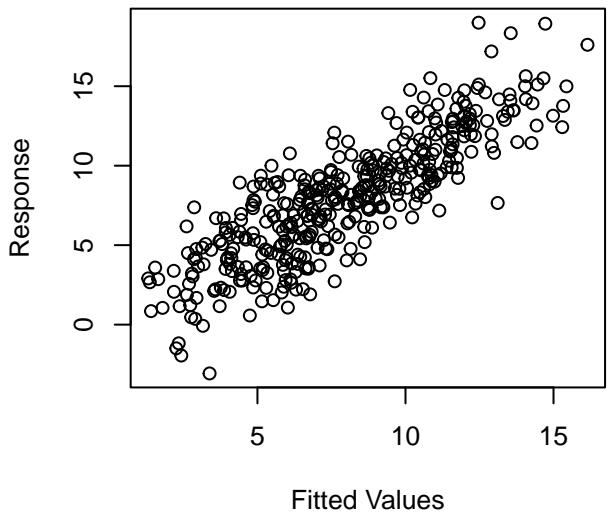
Resids vs. linear pred.



Histogram of residuals

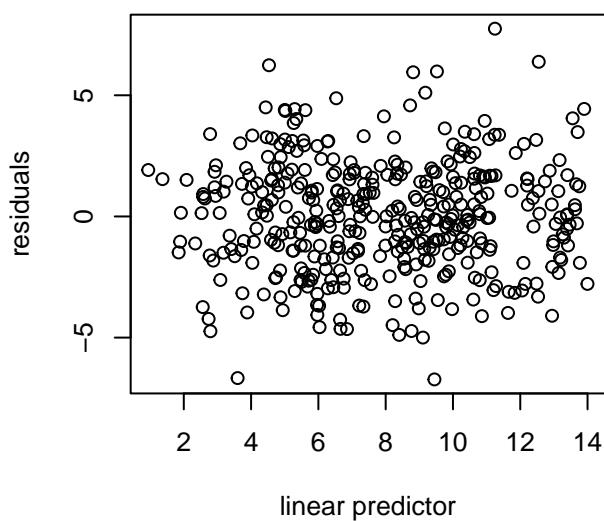
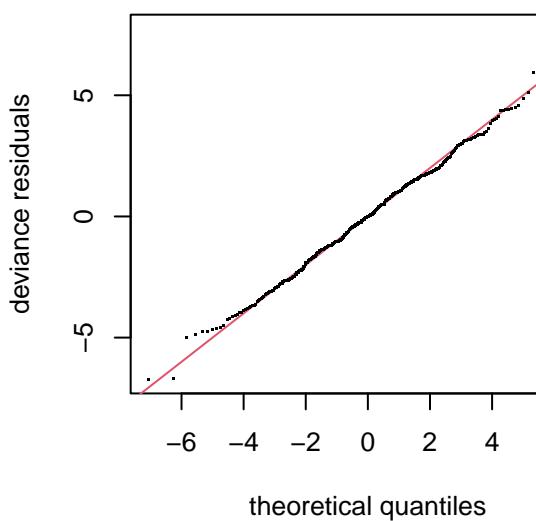


Response vs. Fitted Values

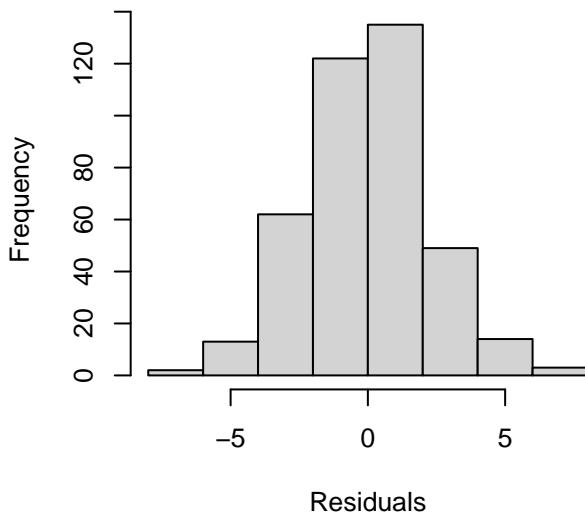


help("choose.k")

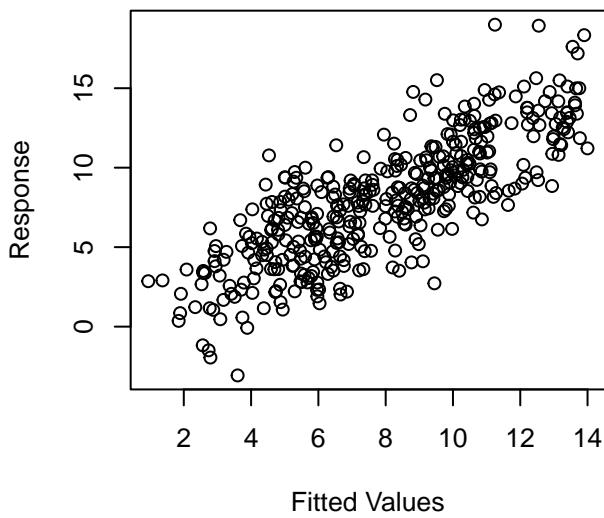
Resids vs. linear pred.



Histogram of residuals

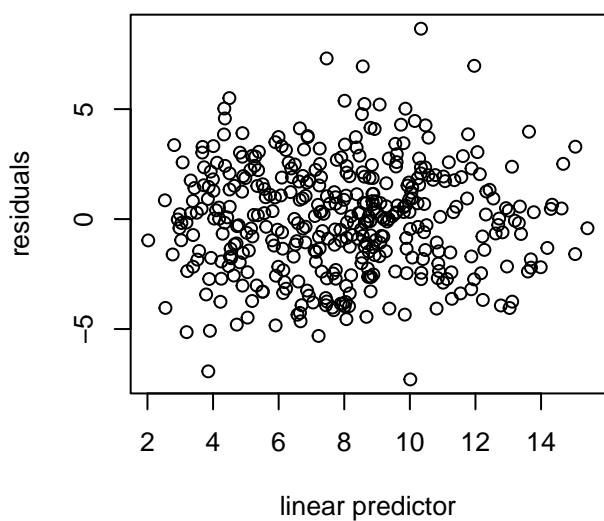
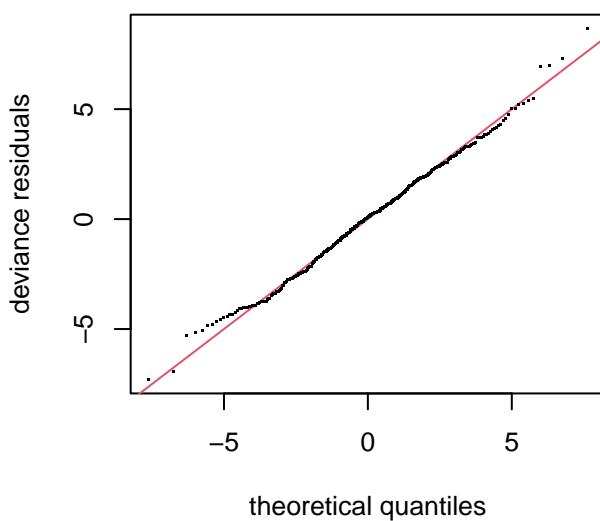


Response vs. Fitted Values

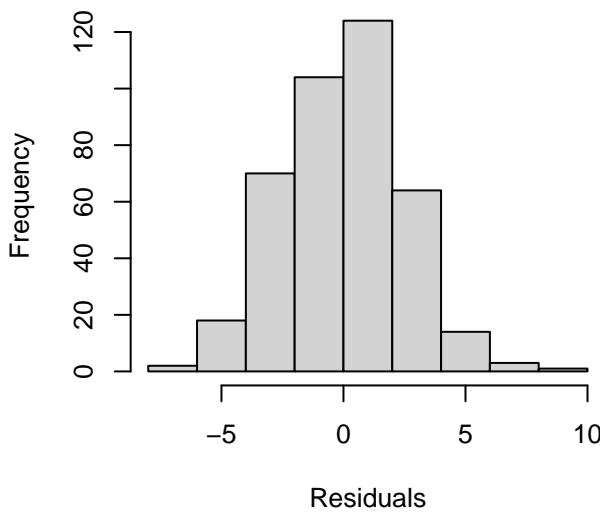


help("choose.k")

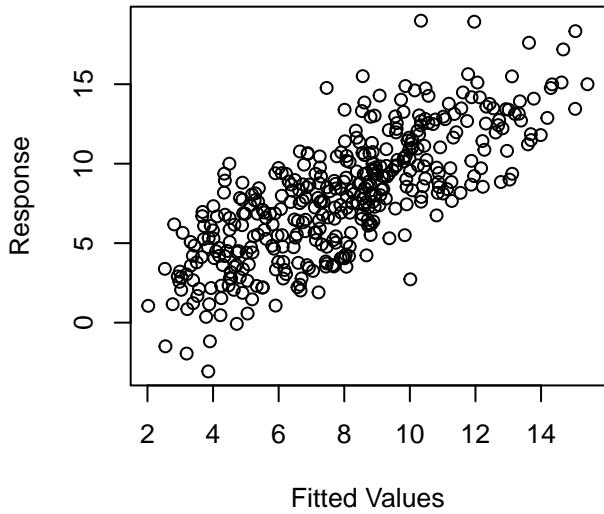
Resids vs. linear pred.



Histogram of residuals

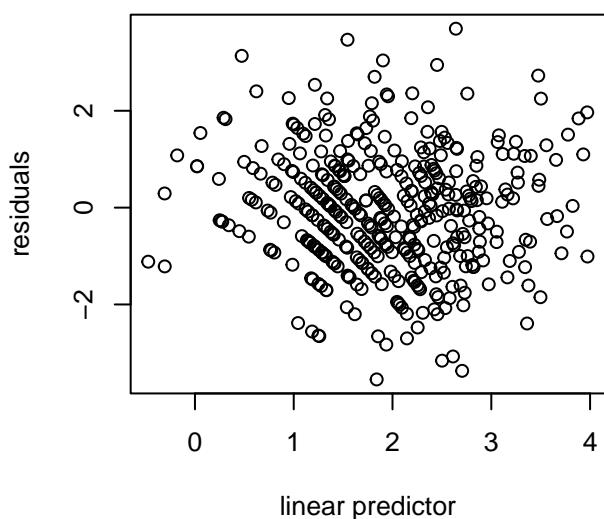
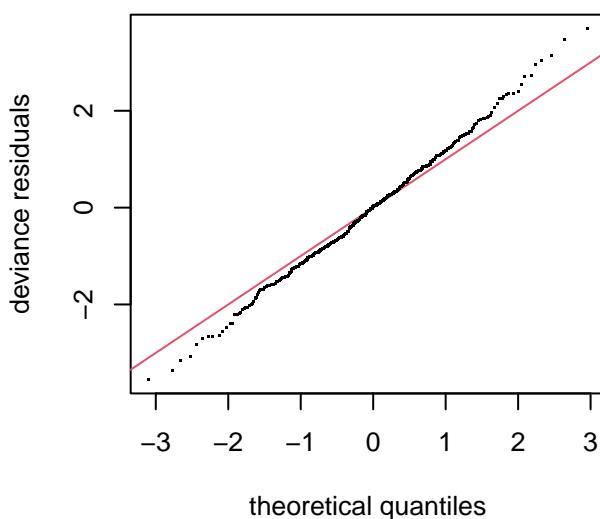


Response vs. Fitted Values

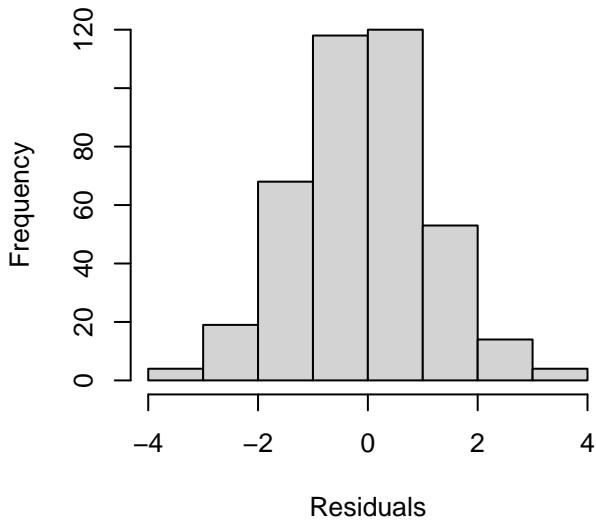


help("choose.k")

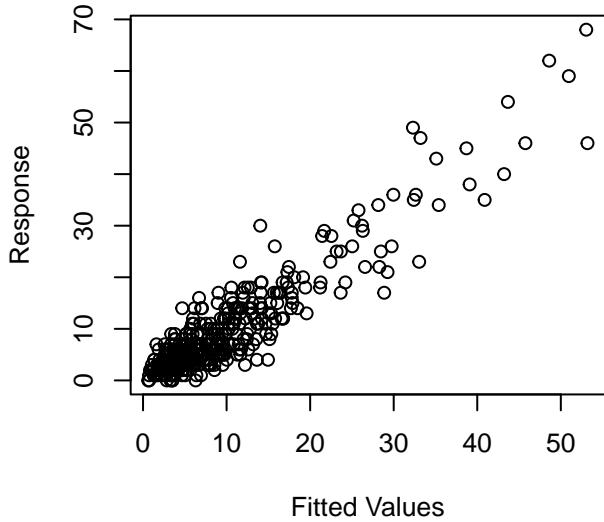
Resids vs. linear pred.



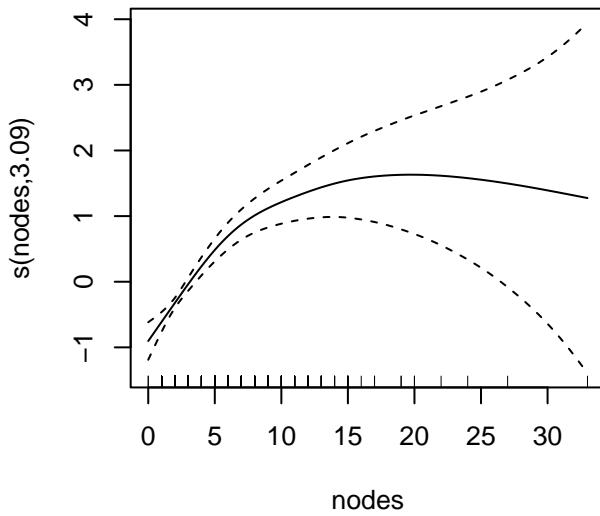
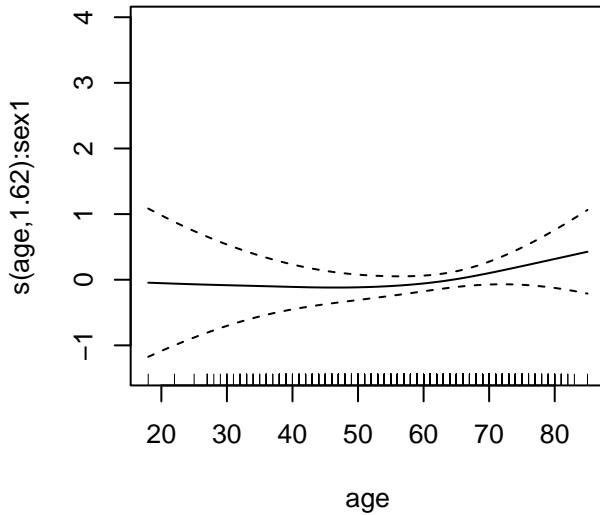
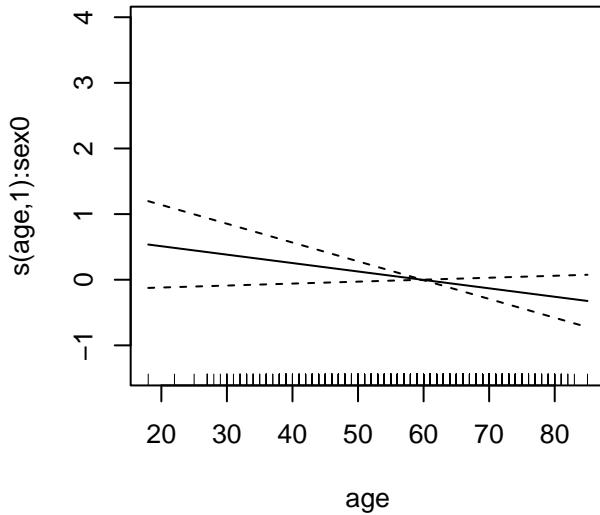
Histogram of residuals



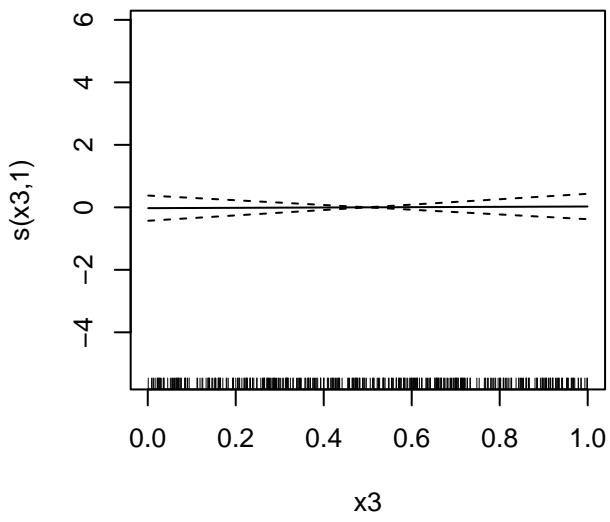
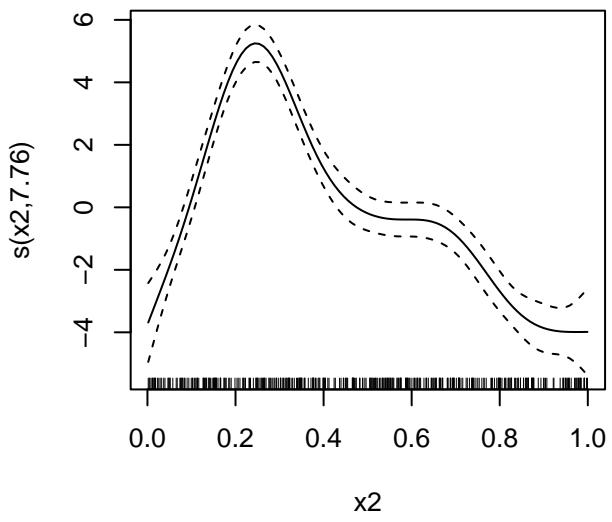
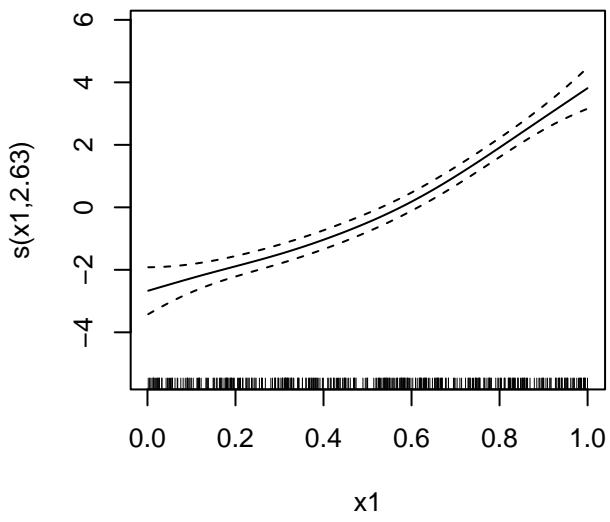
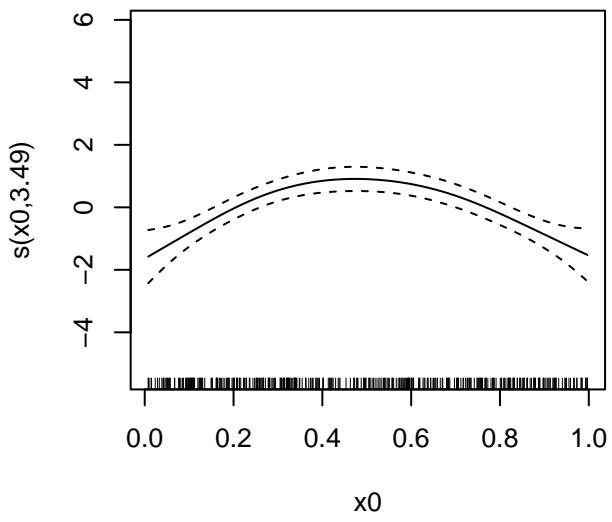
Response vs. Fitted Values



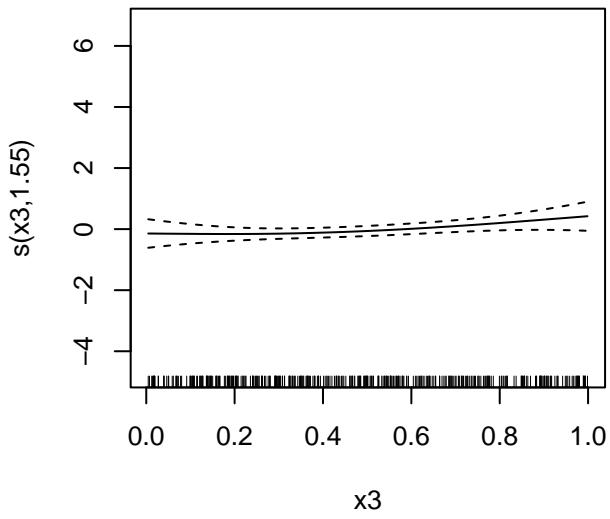
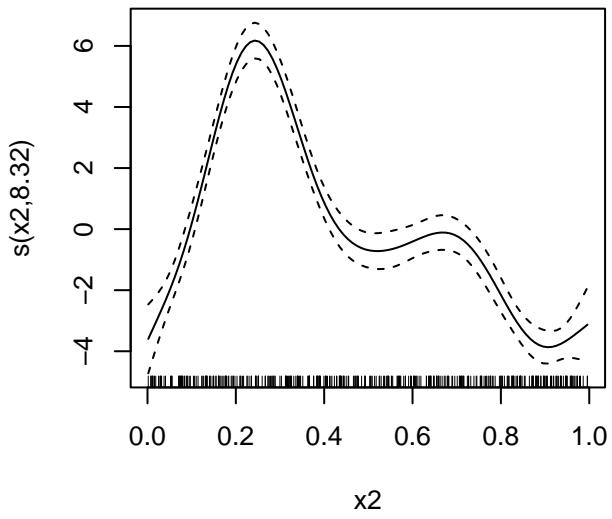
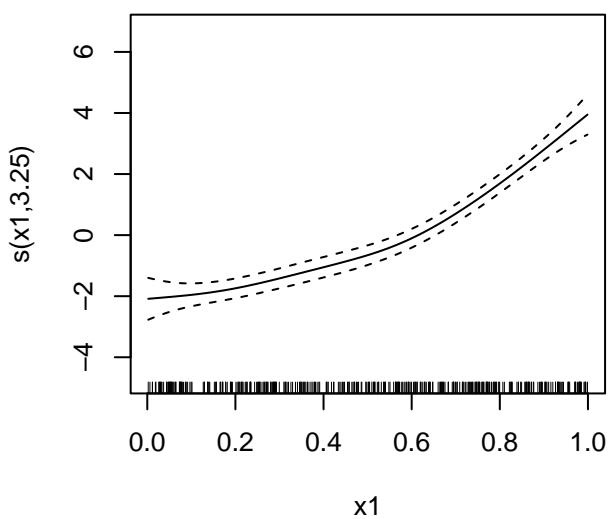
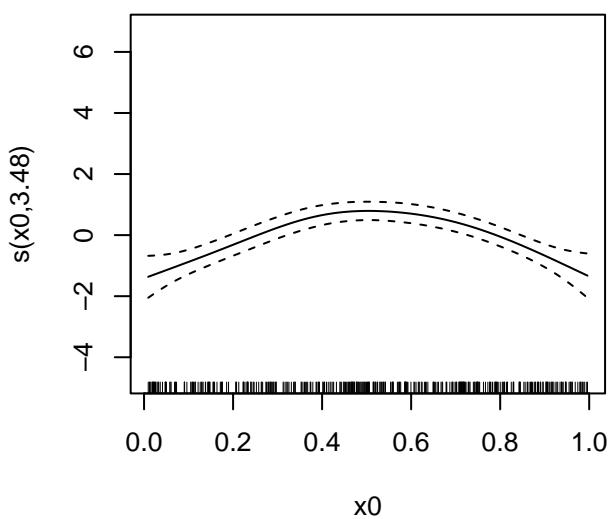
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help("cnorm")

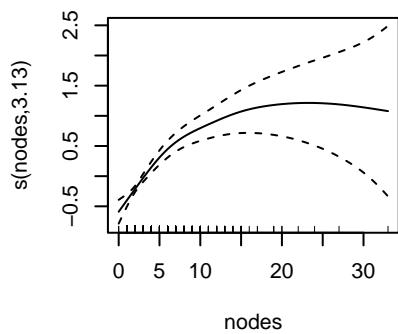
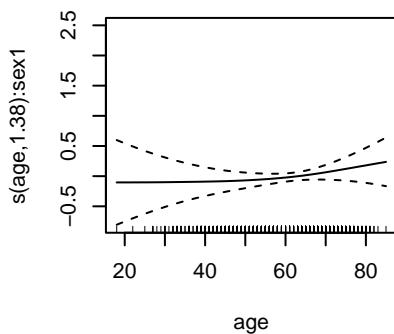
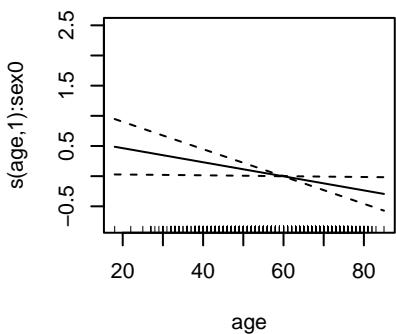


help("cnorm")

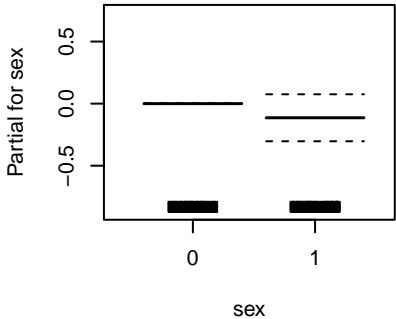


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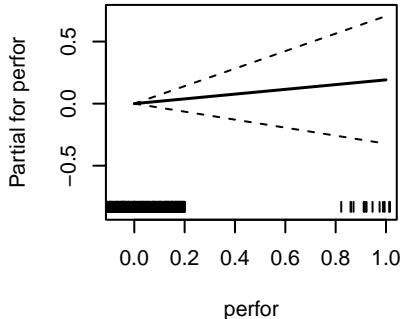
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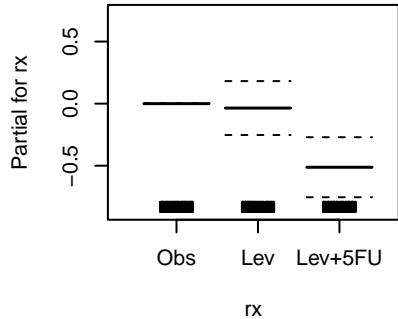
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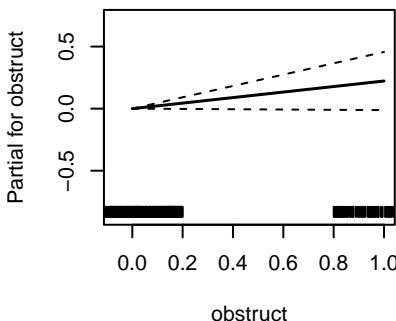
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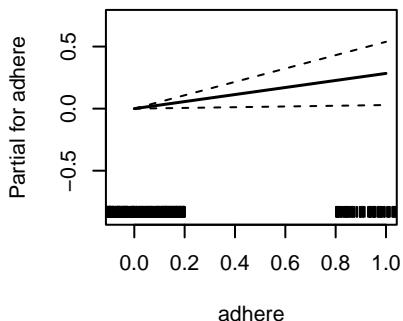
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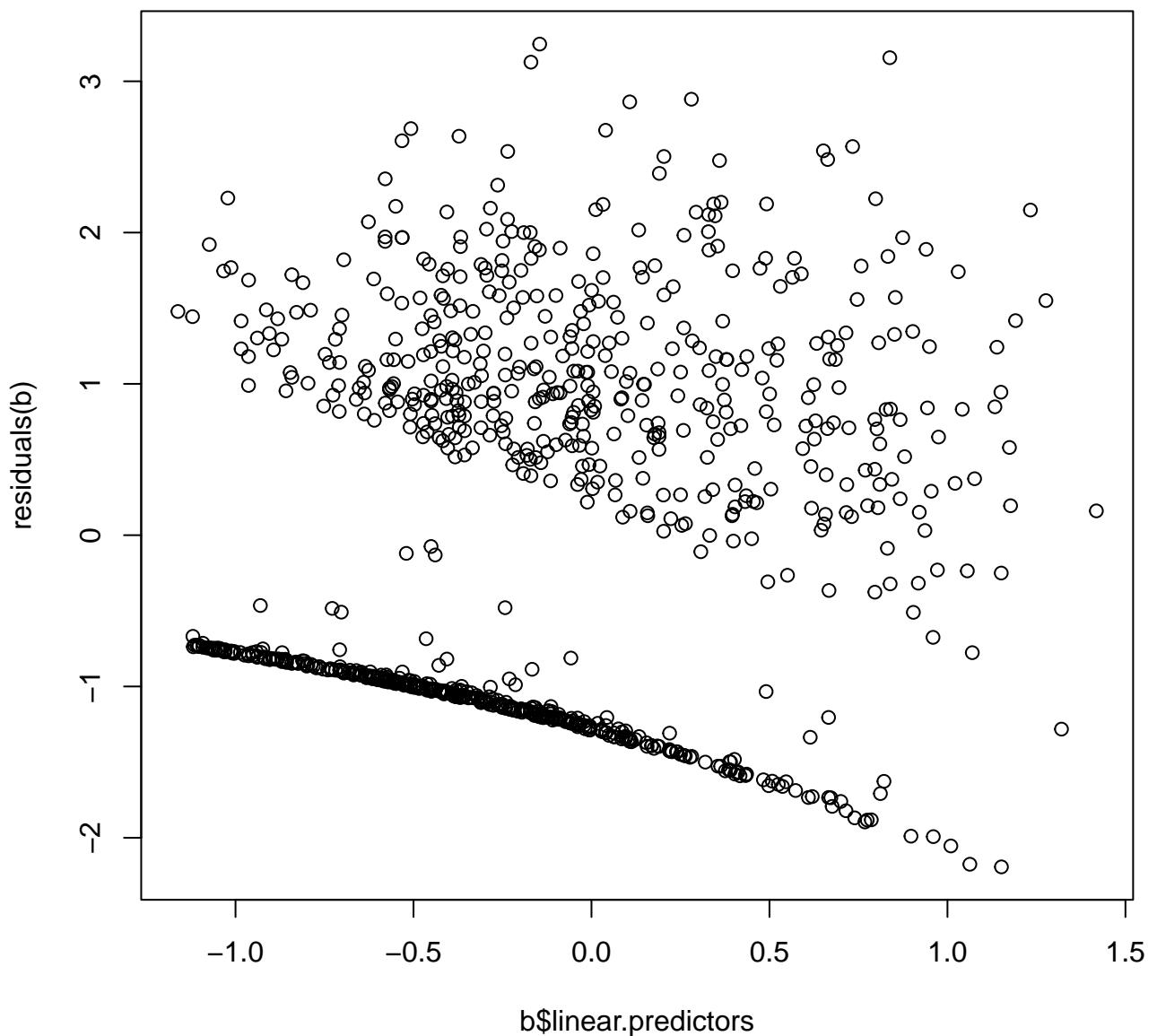
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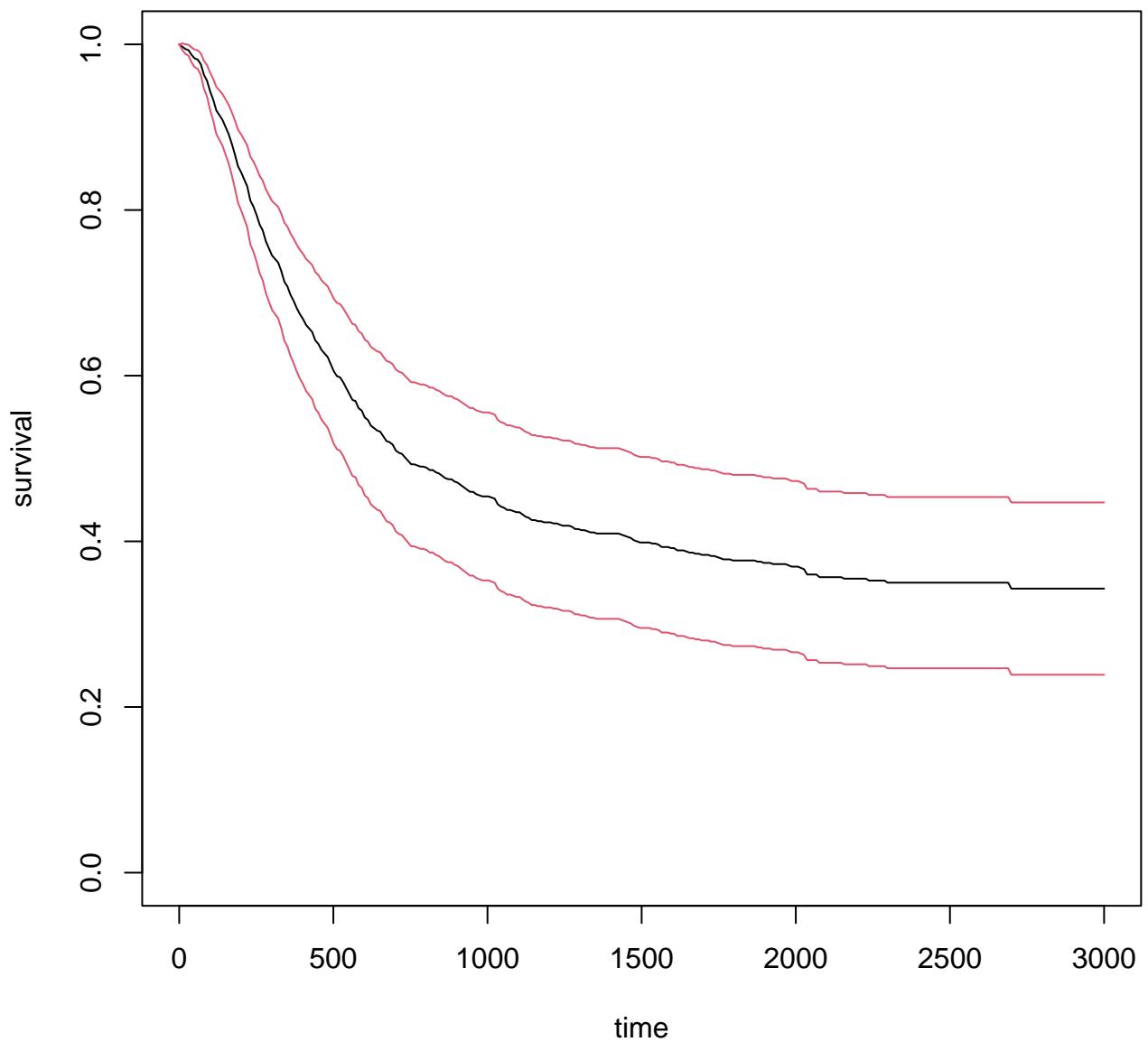
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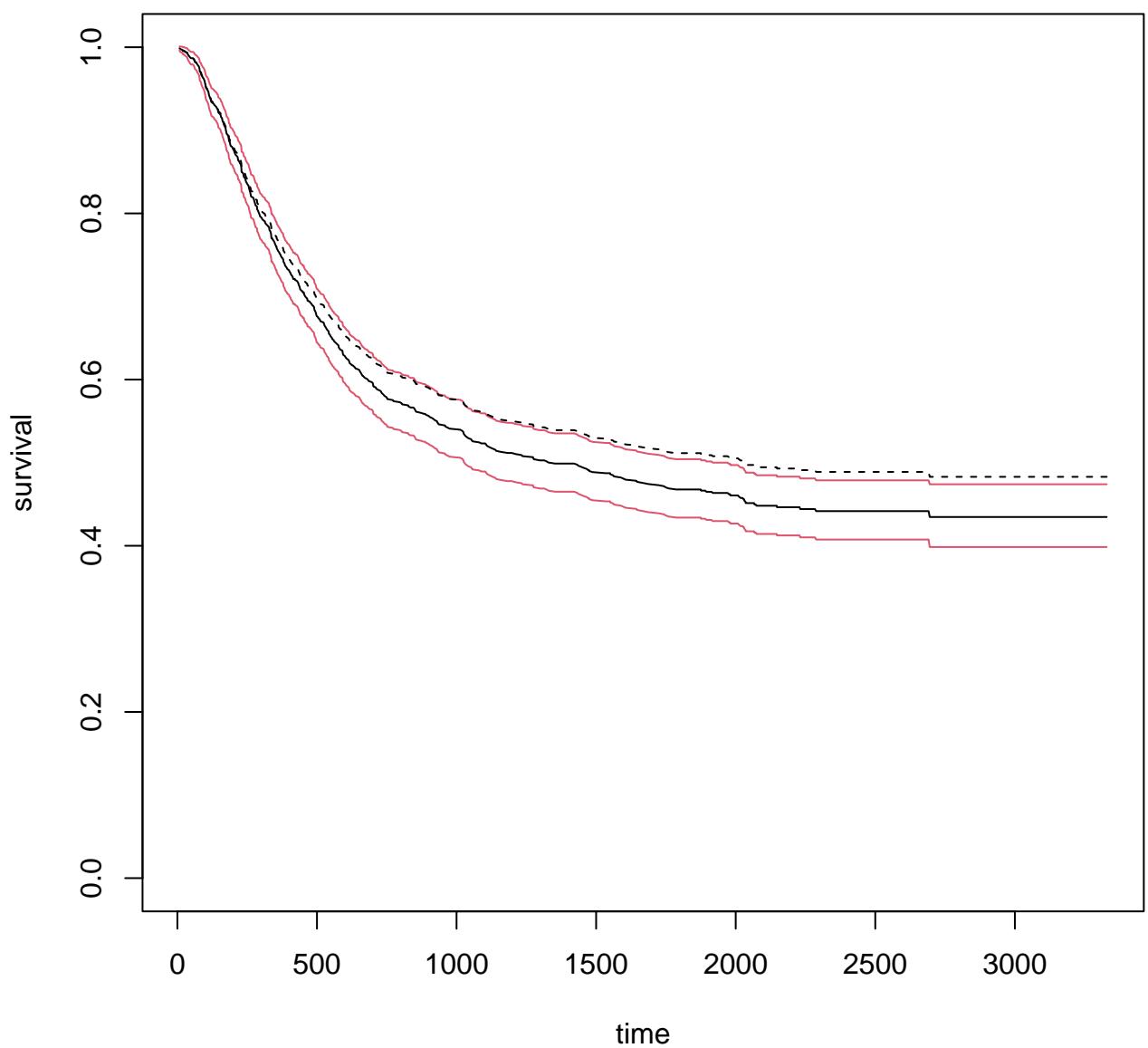
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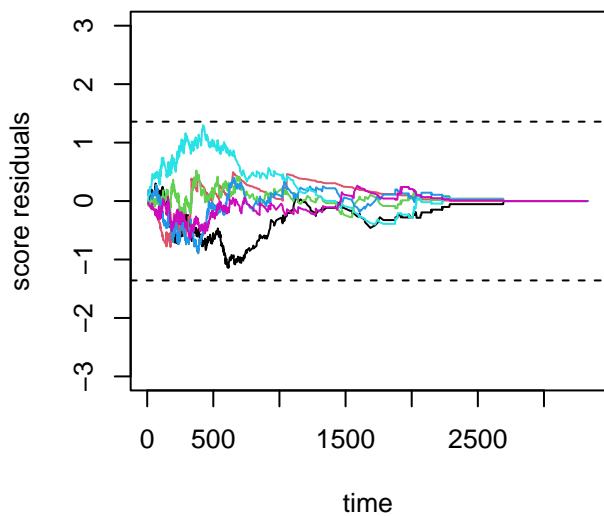
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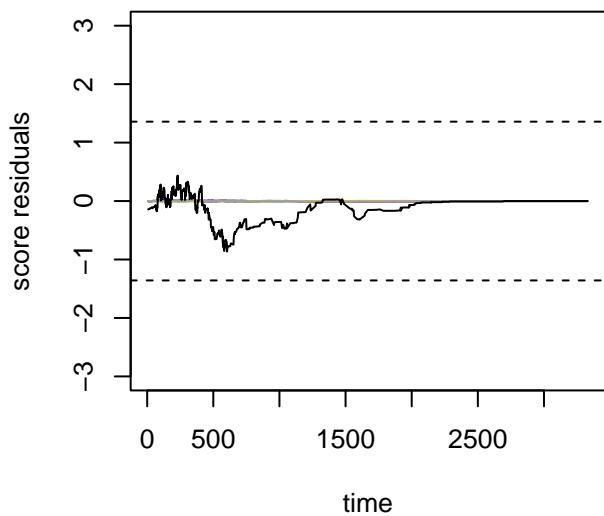
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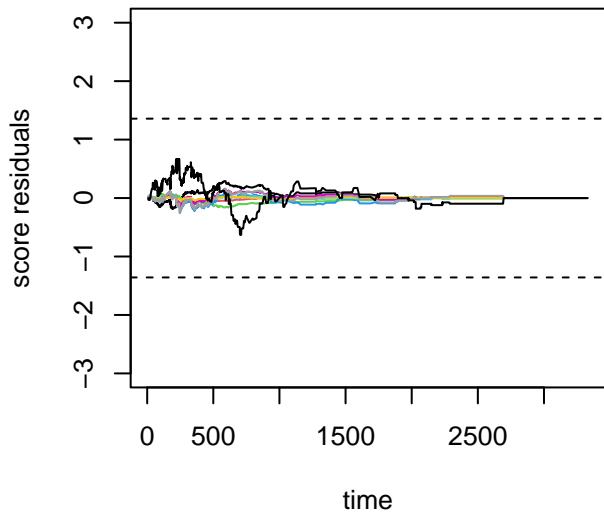
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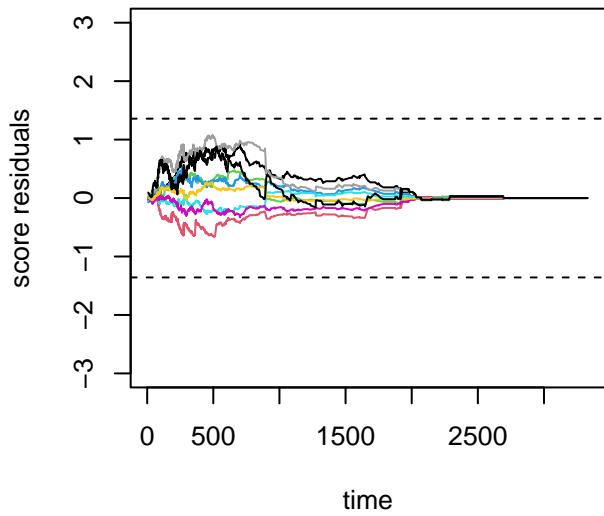
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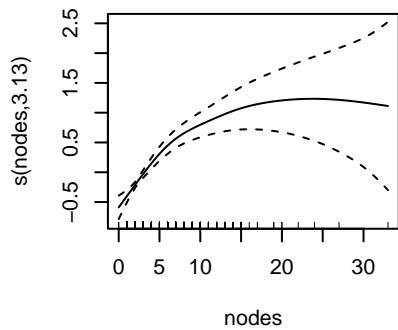
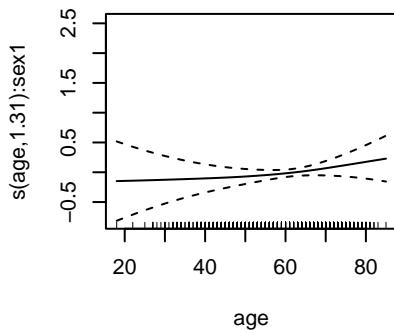
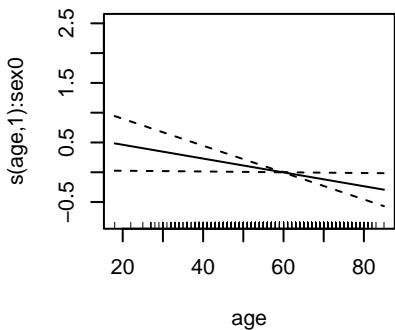


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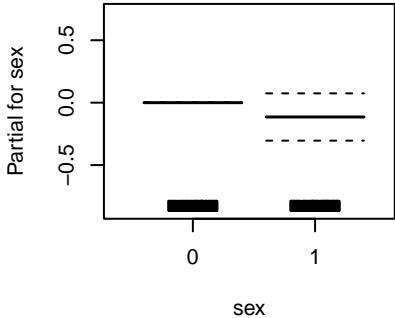


help("coxph")

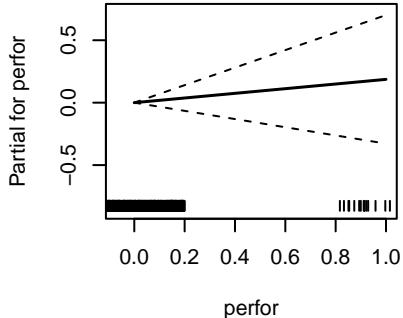
help("coxph")



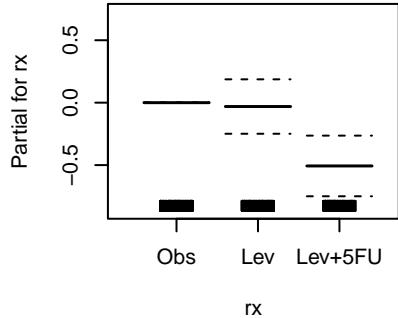
sex



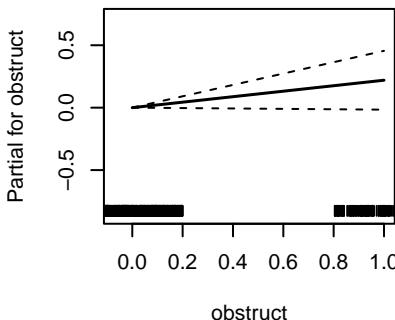
perfor



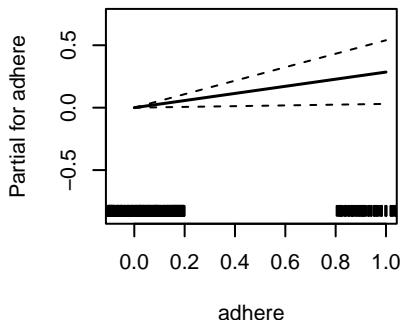
rx

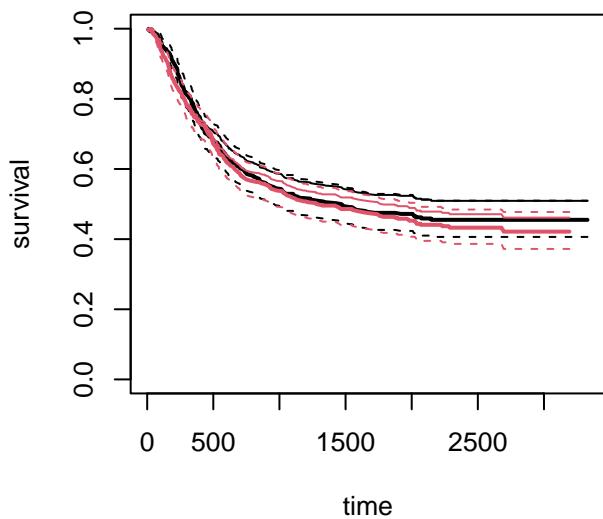


obstruct

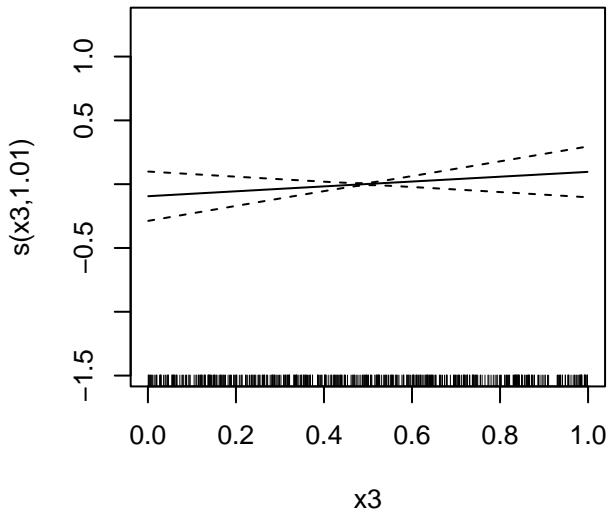
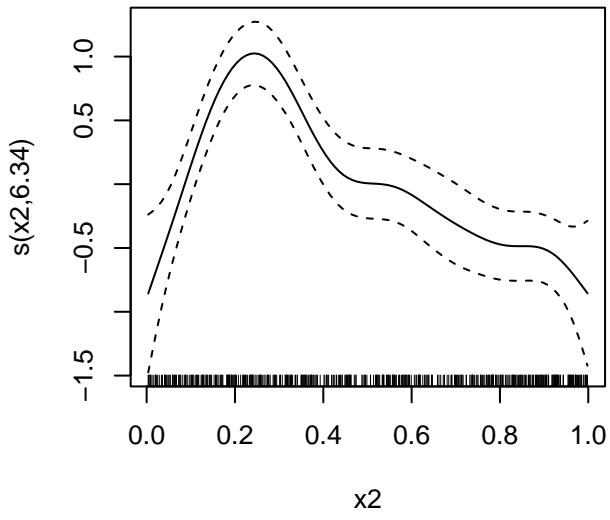
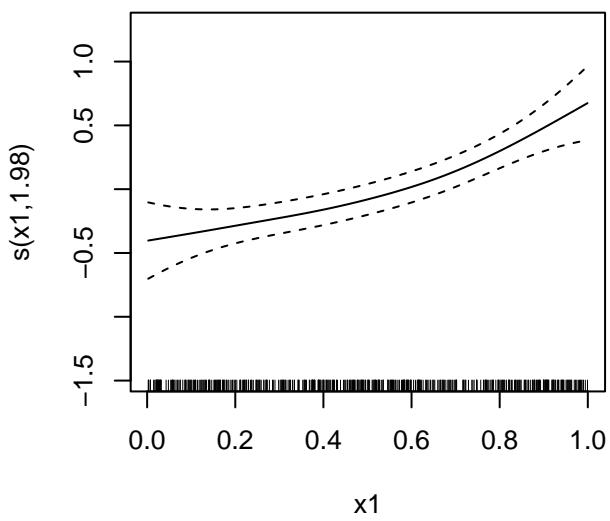
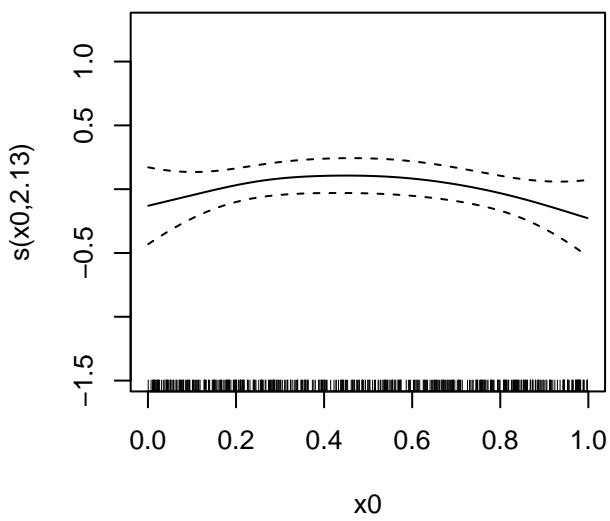


adhere

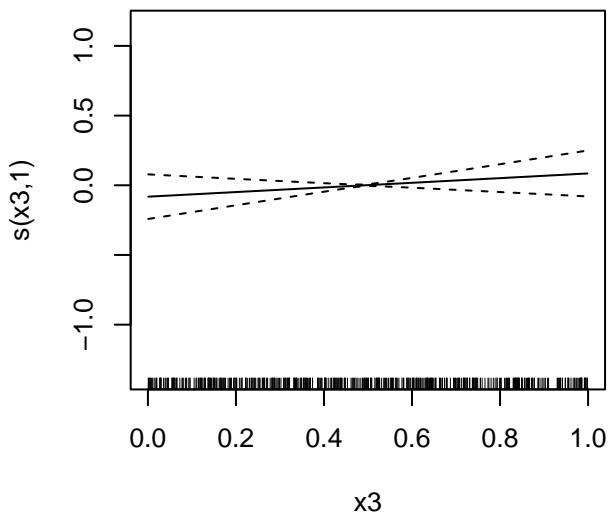
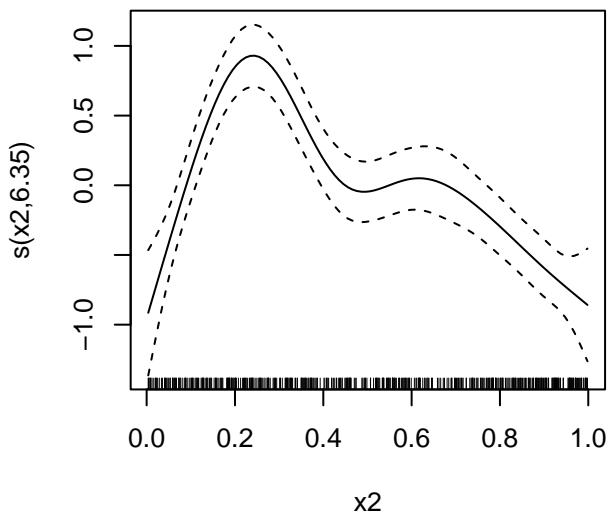
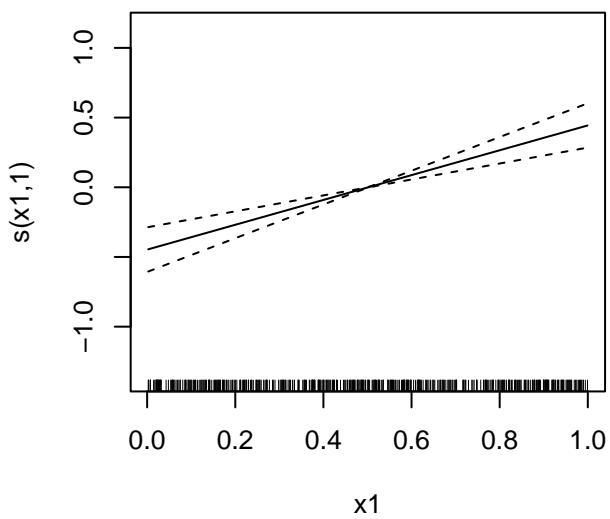
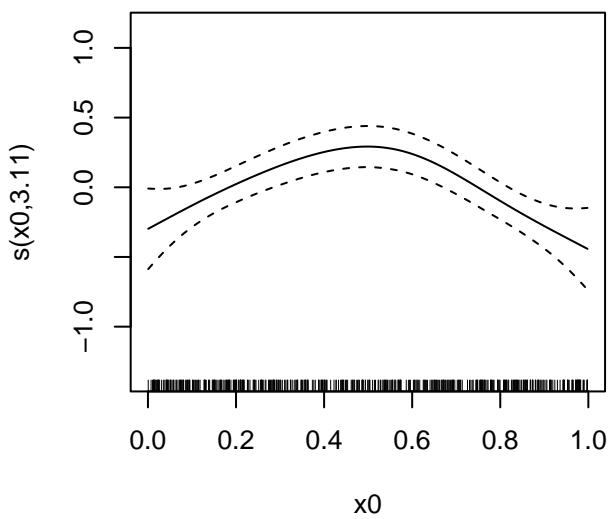




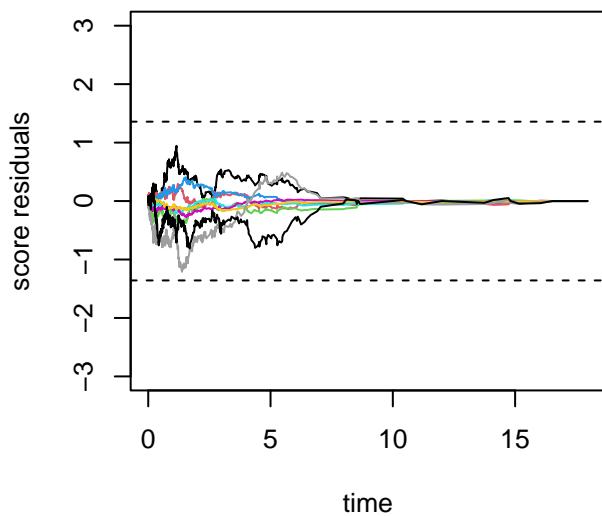
help("coxph")



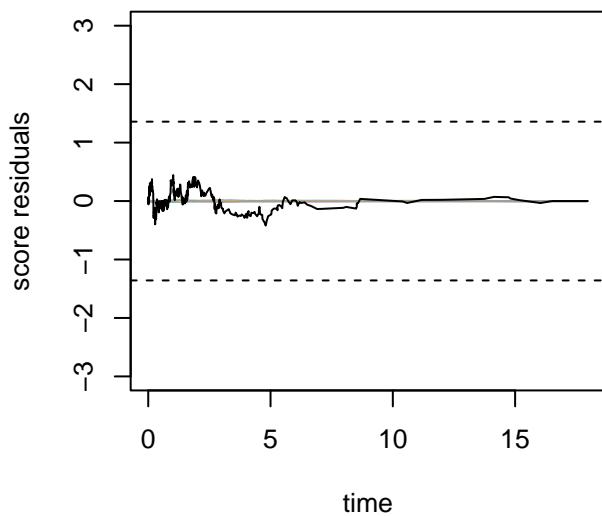
help("coxph")



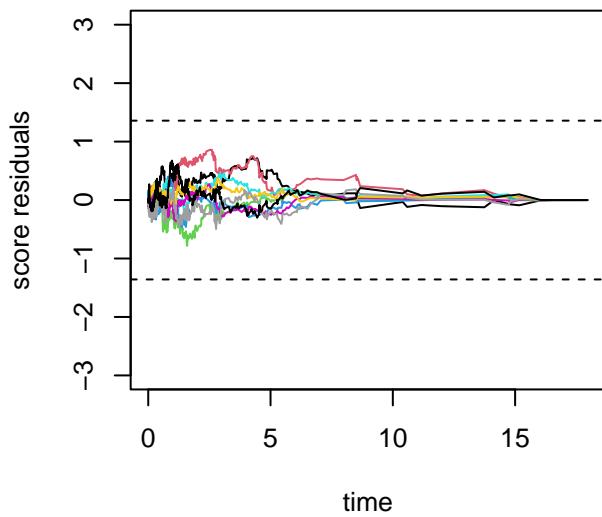
$s(x_0)$



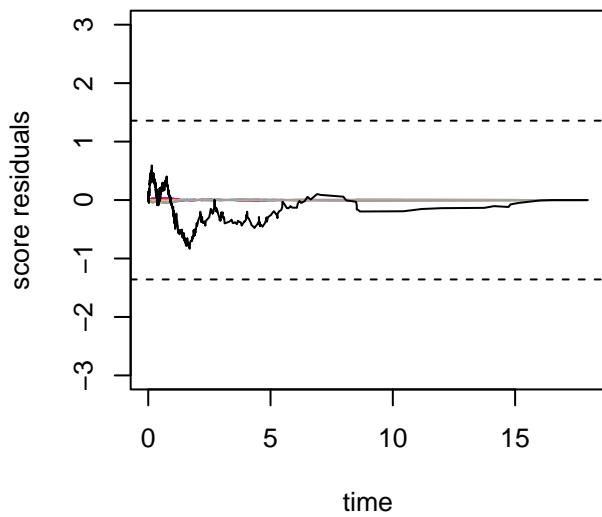
$s(x_1)$



$s(x_2)$

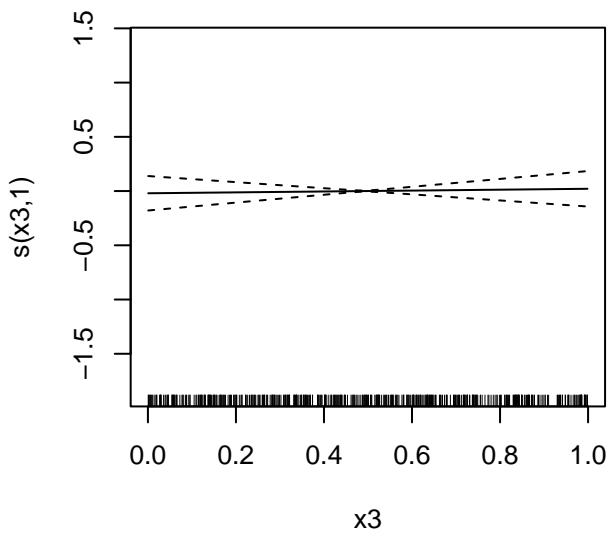
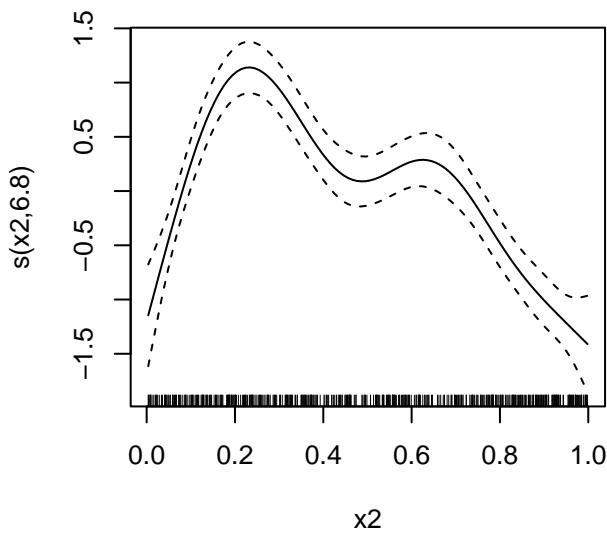
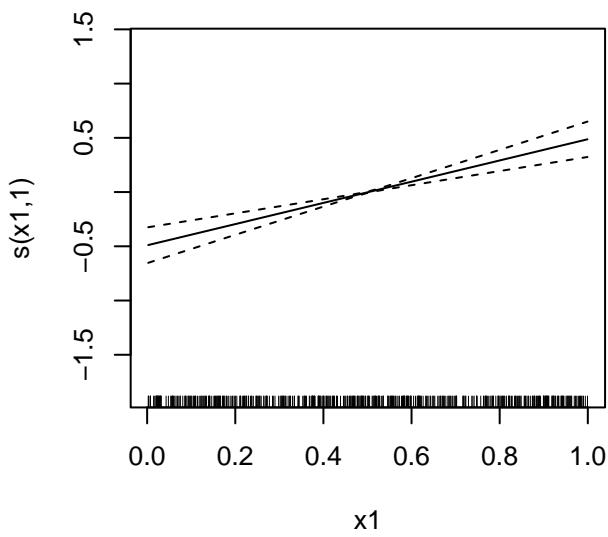
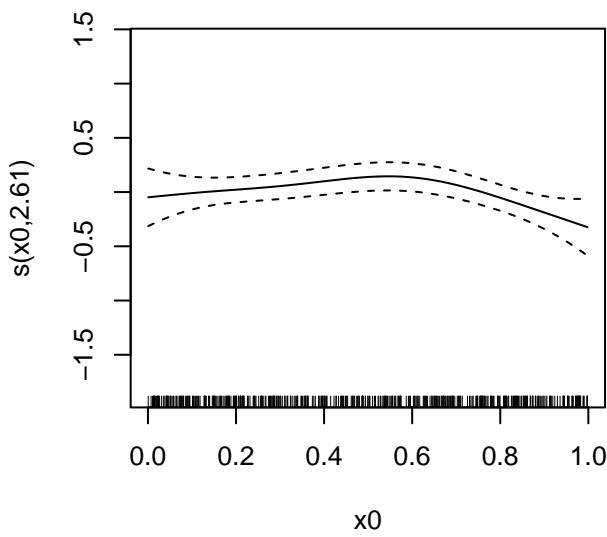


$s(x_3)$

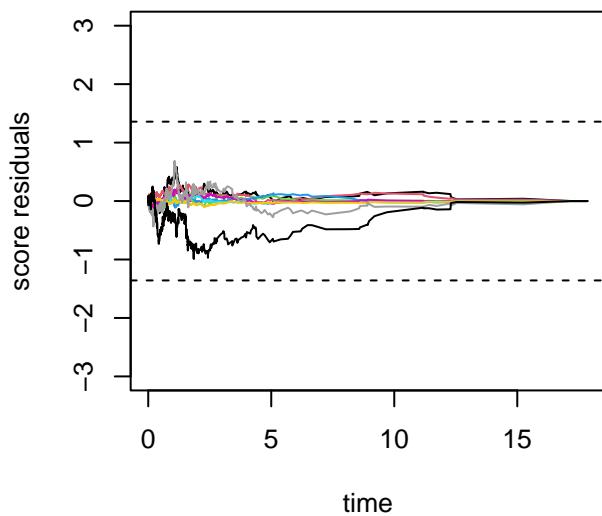


help("coxph")

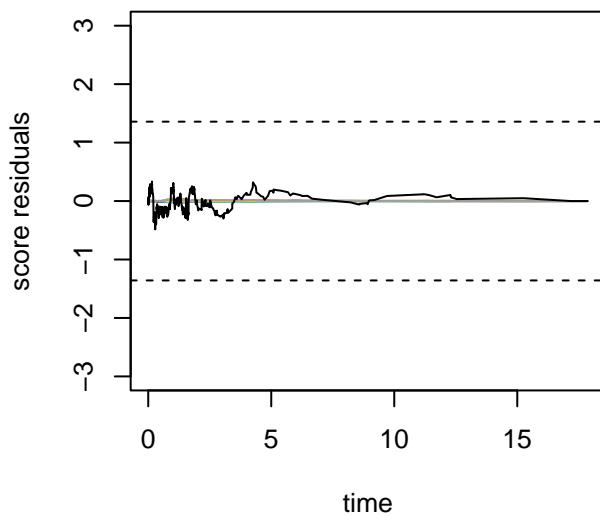
help("coxph")



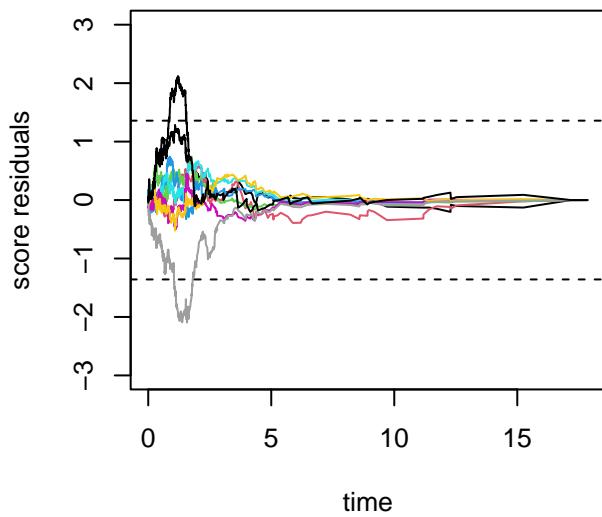
$s(x_0)$



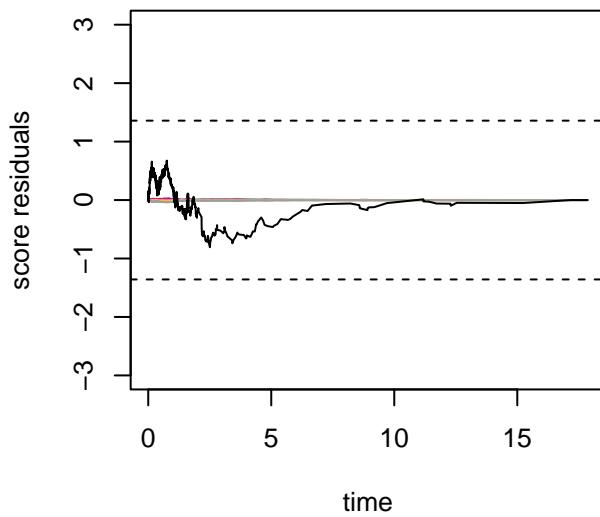
$s(x_1)$



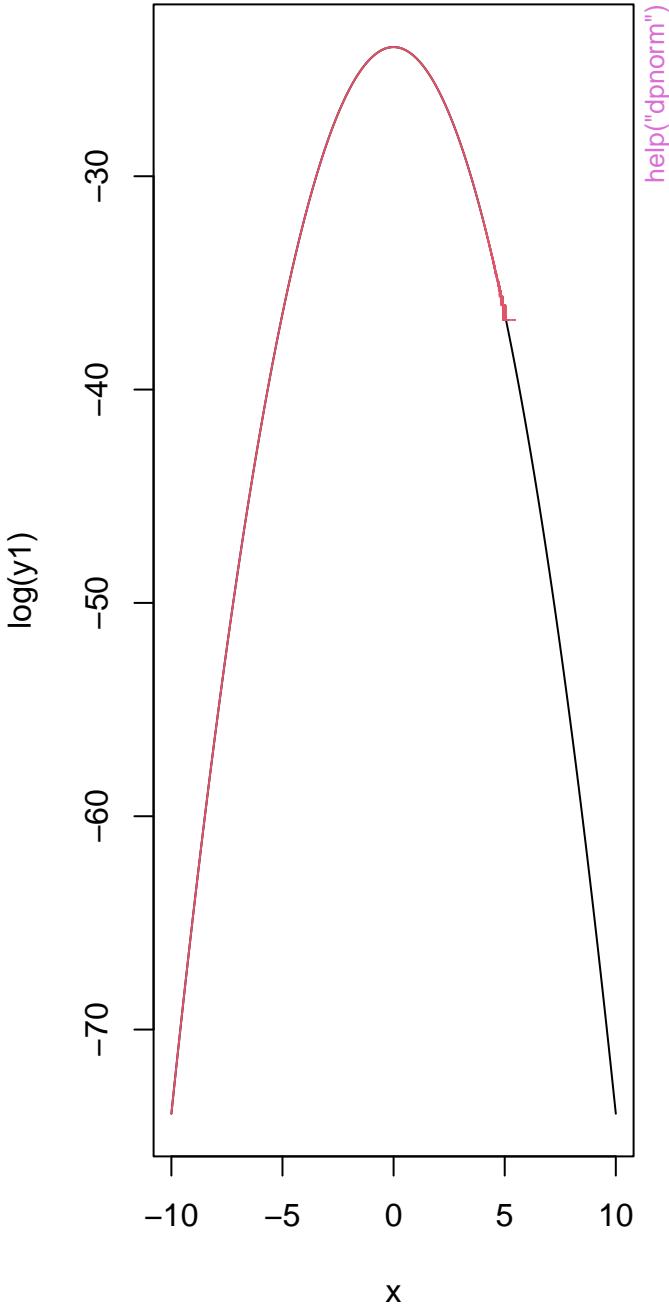
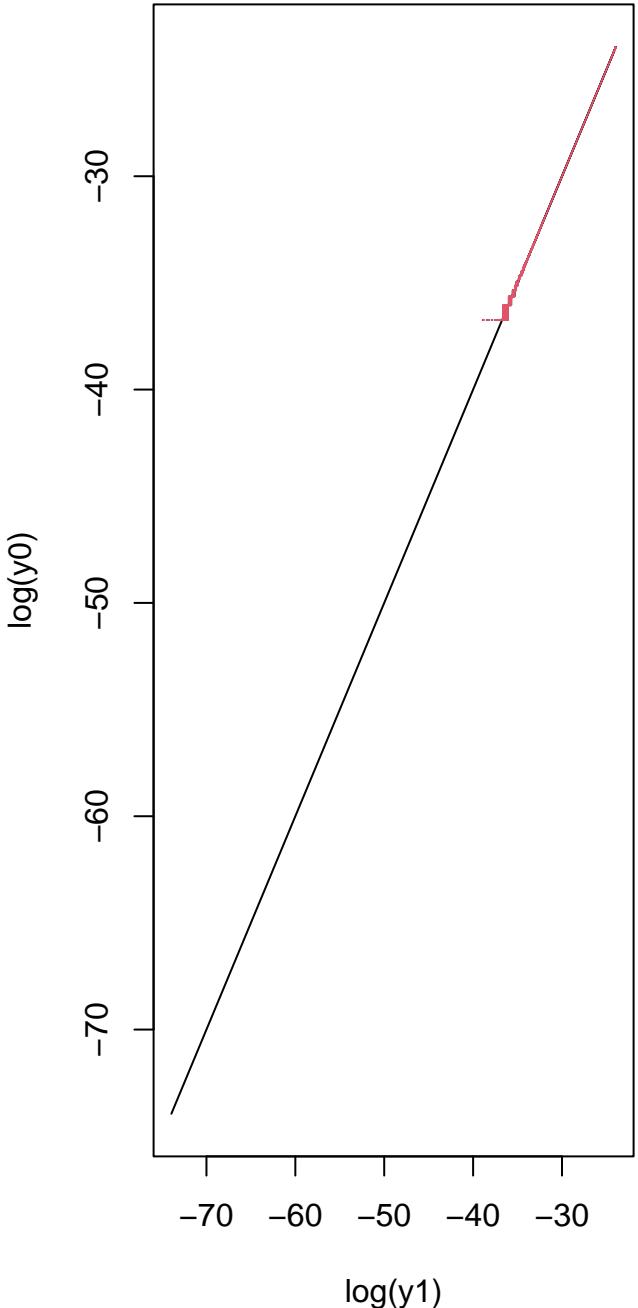
$s(x_2)$



$s(x_3)$



help("coxph")



help("dnorm")

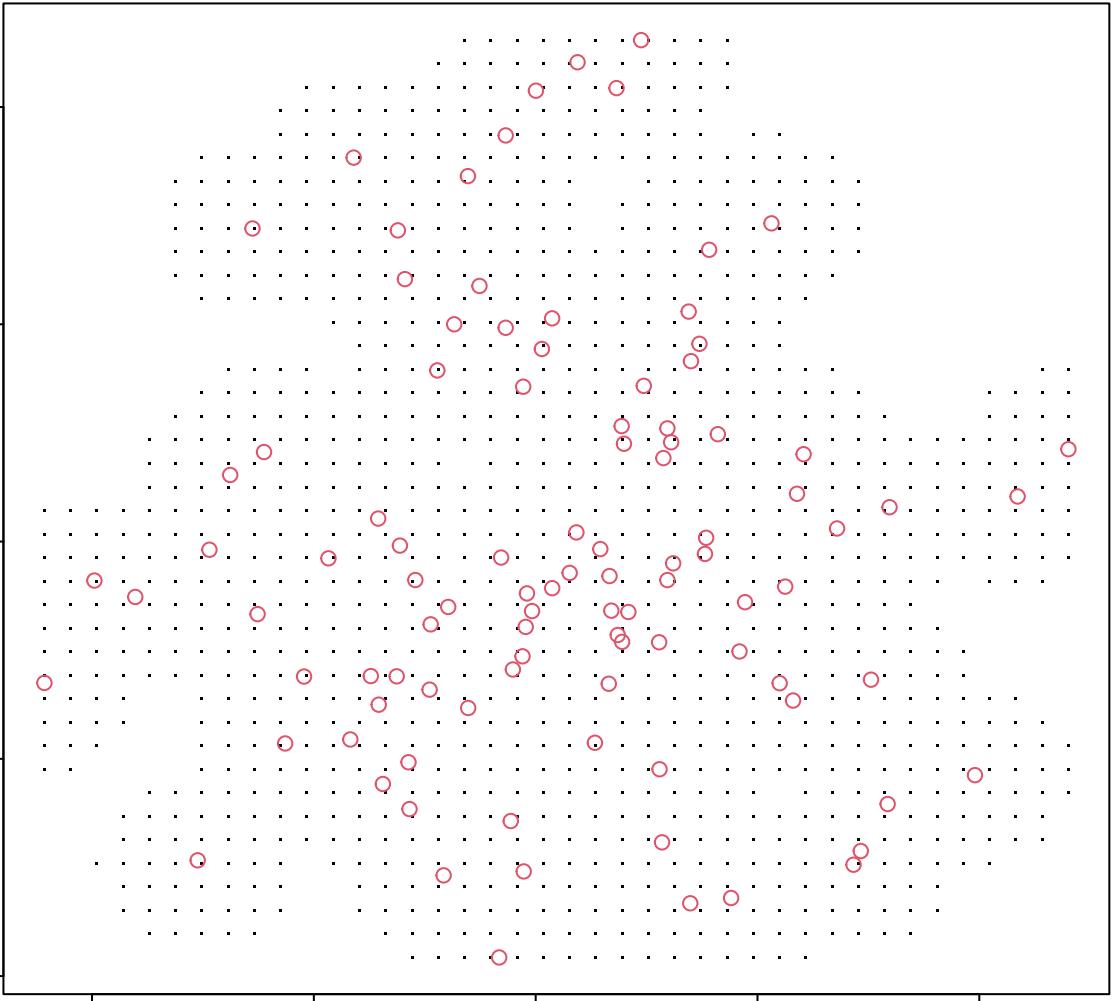
gy[!tf]

2
1
0
-1
-2

-2 -1 0 1 2

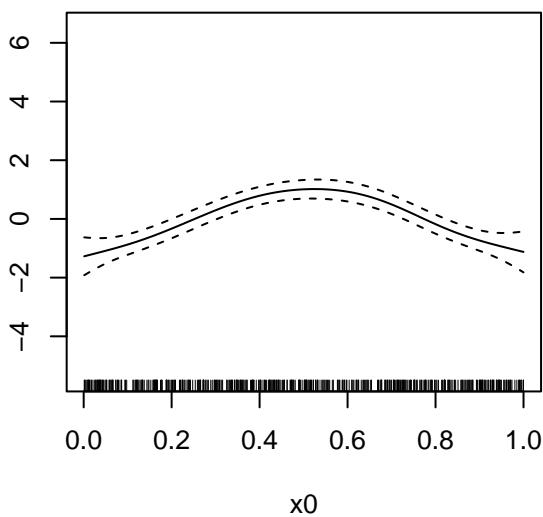
gx[!tf]

help("exclude.too.far")



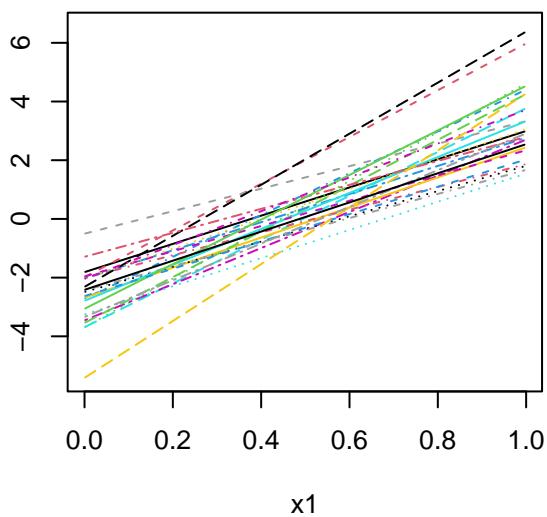
help("factor.smooth")

s(x0,3.93)



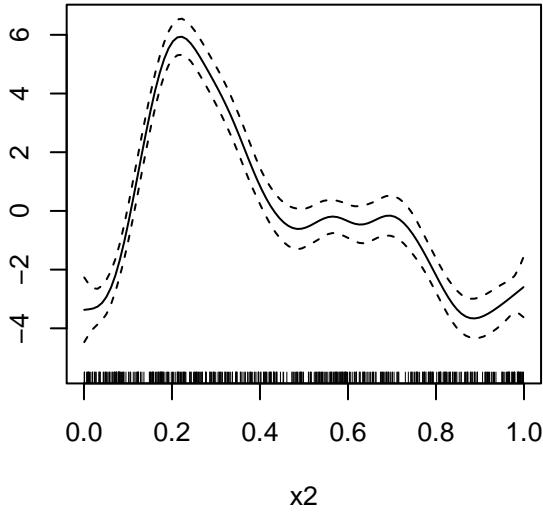
x_0

s(x1,fac,41.6)



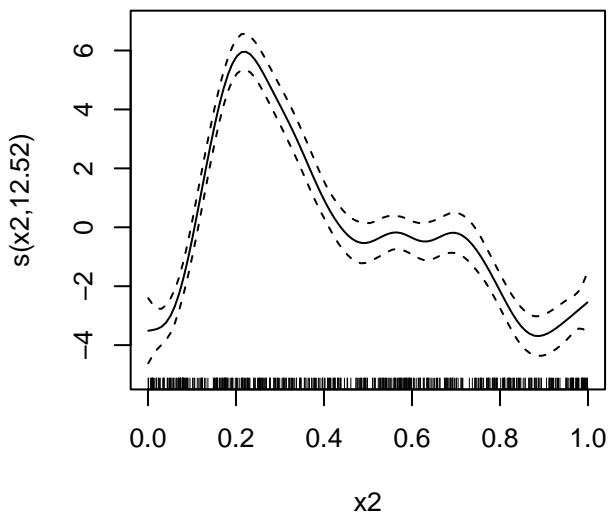
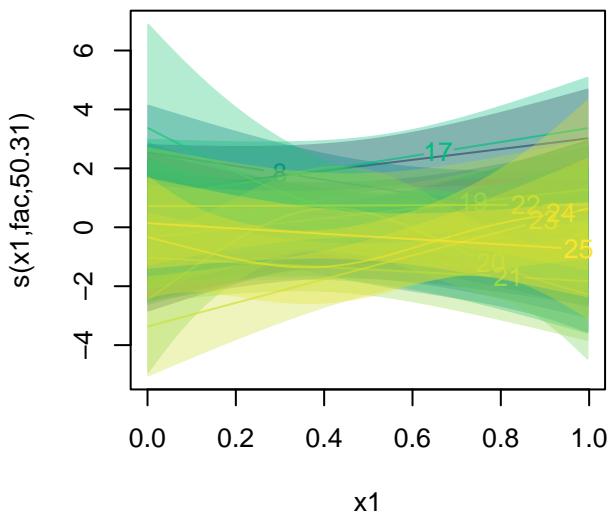
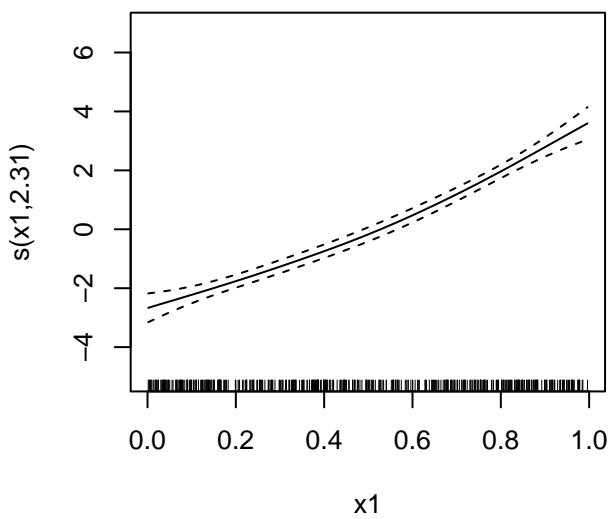
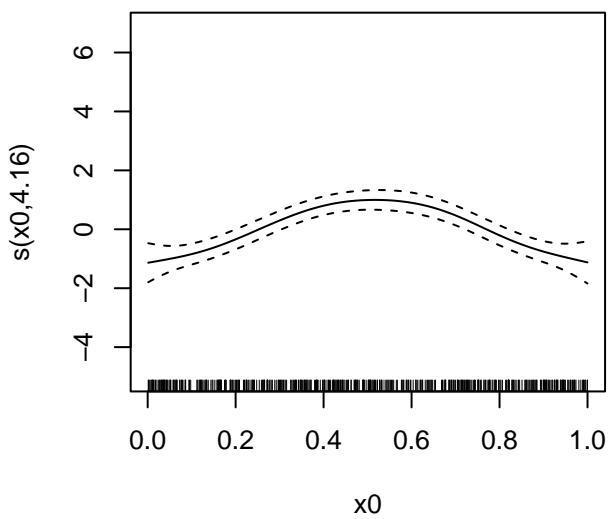
x_1

s(x2,12.42)

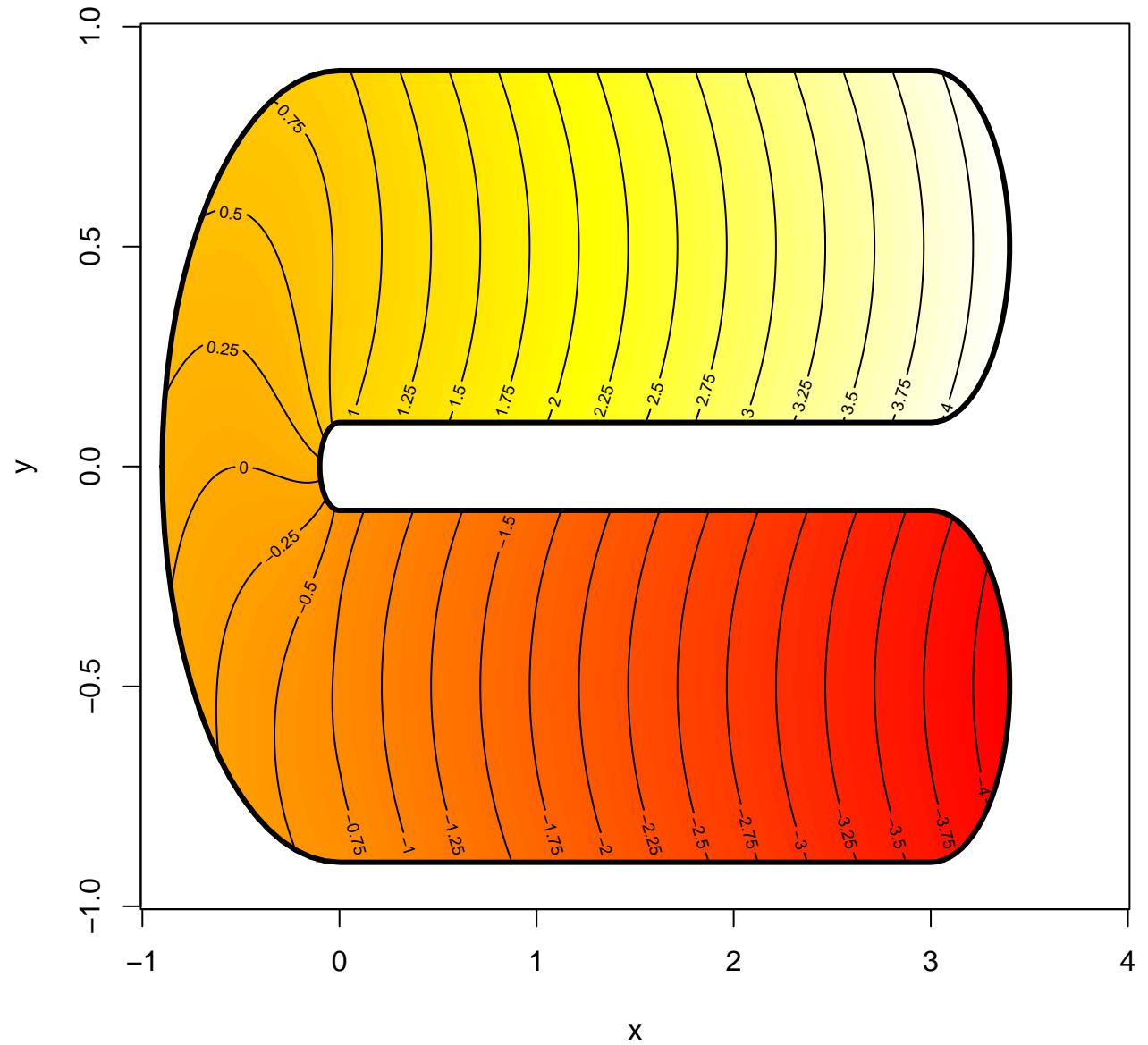


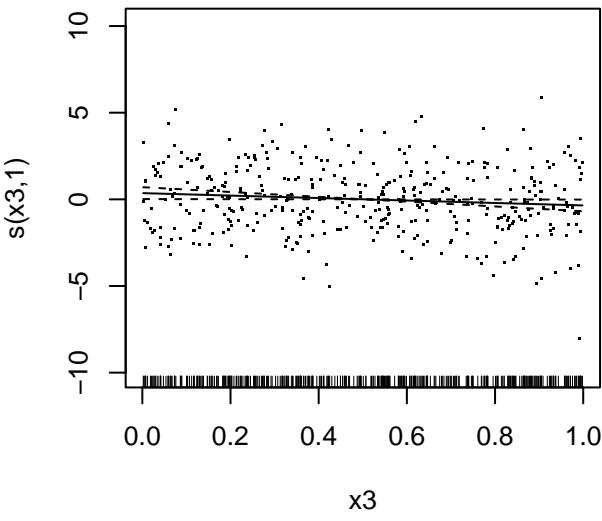
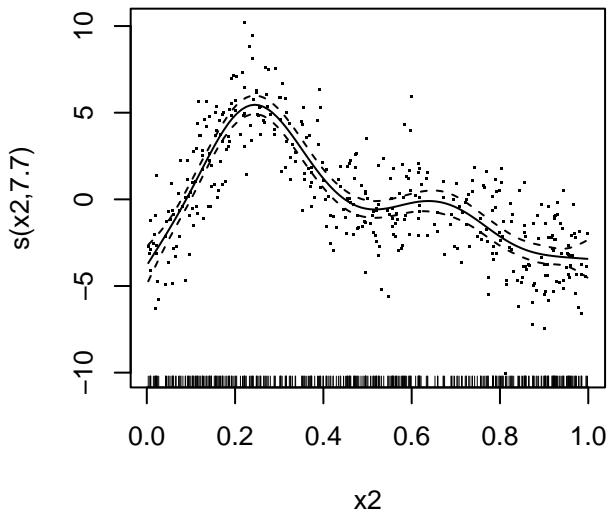
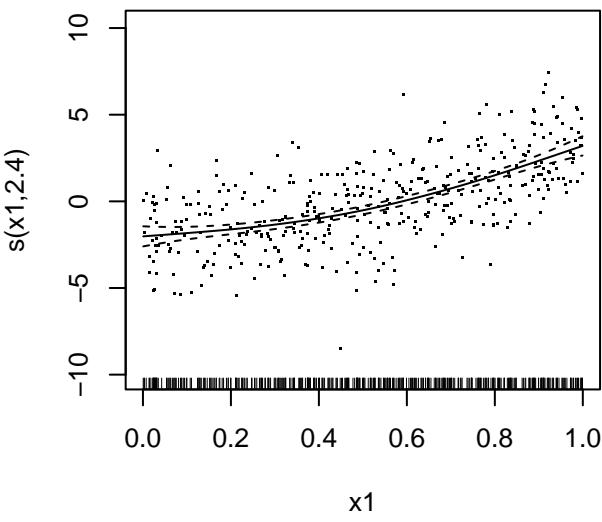
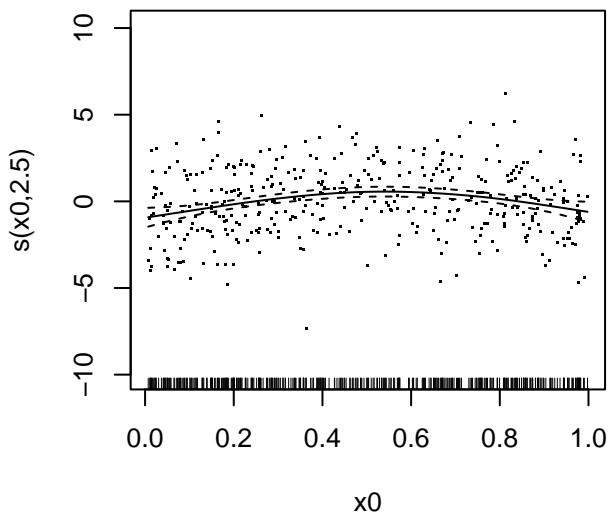
x_2

help("factor.smooth")

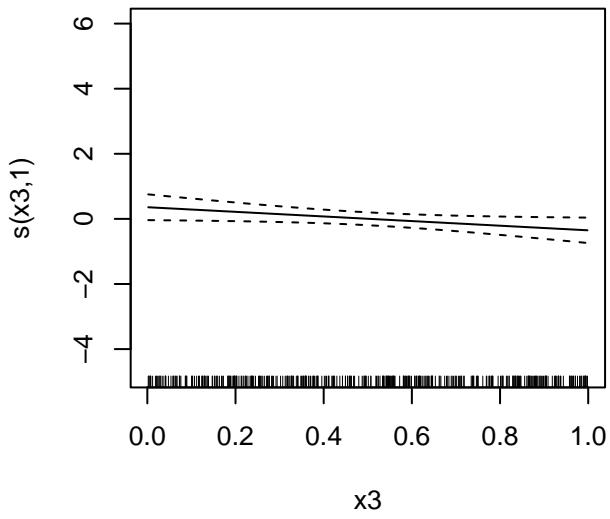
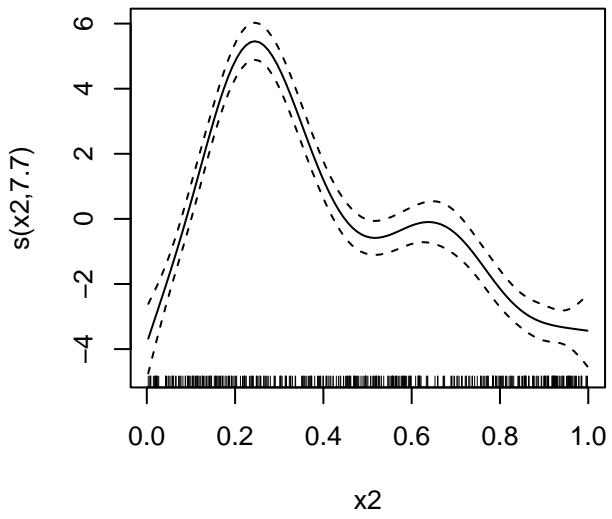
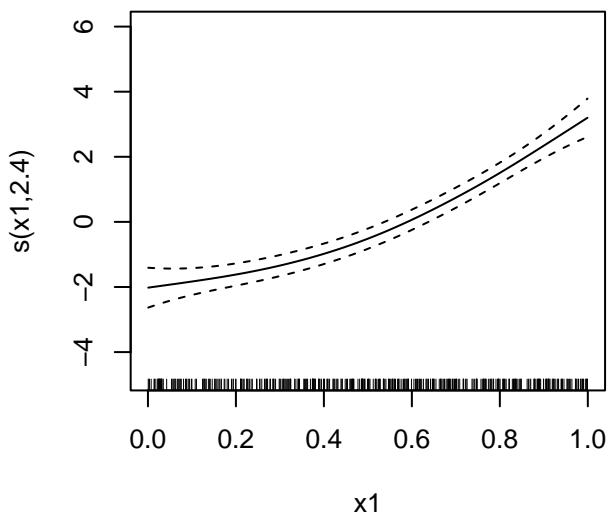
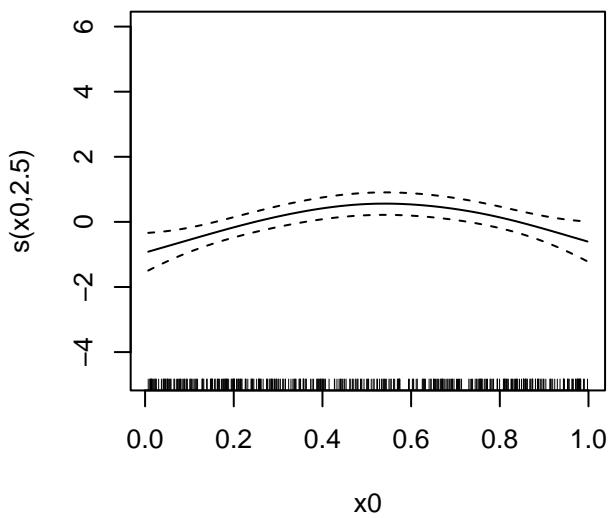


help("fs.test")



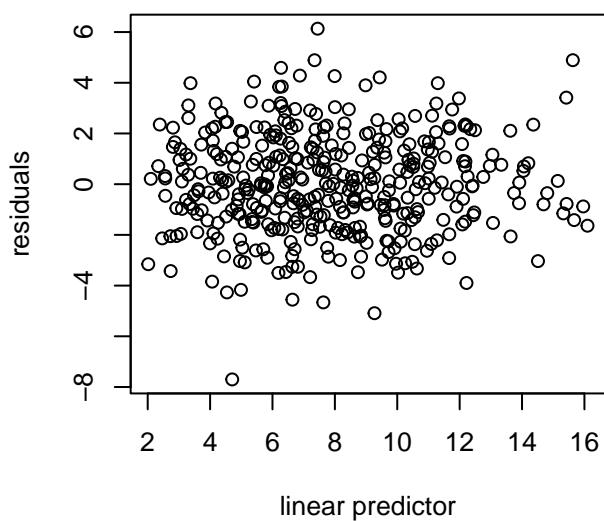
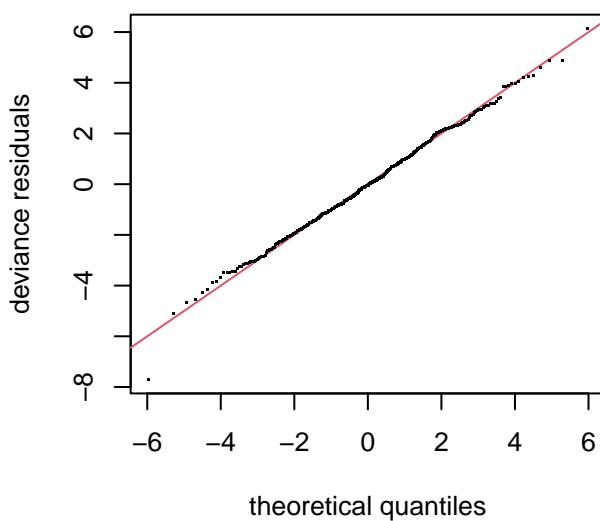


help("gam")

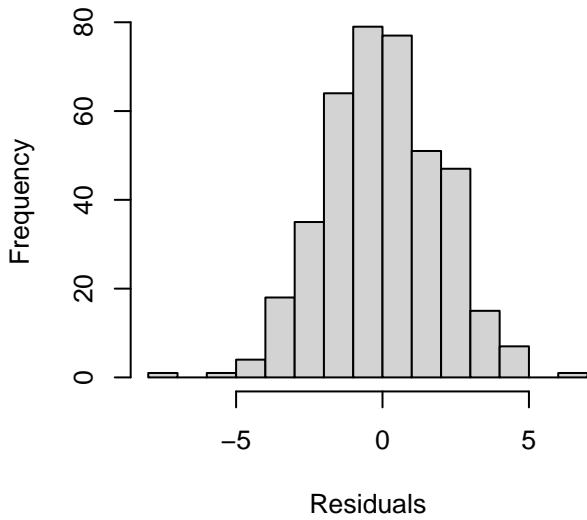


help("gam")

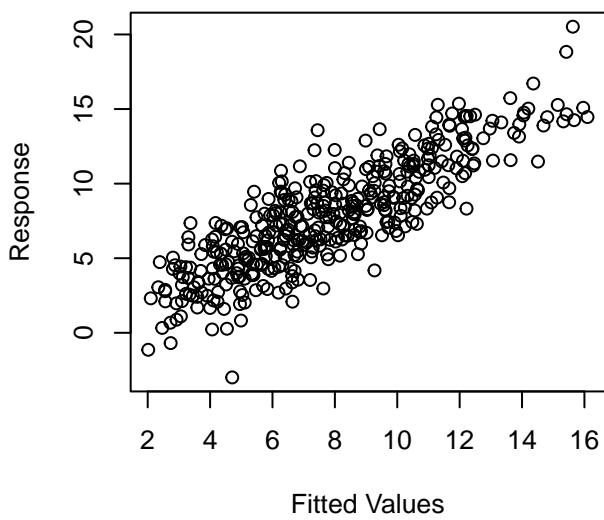
Resids vs. linear pred.



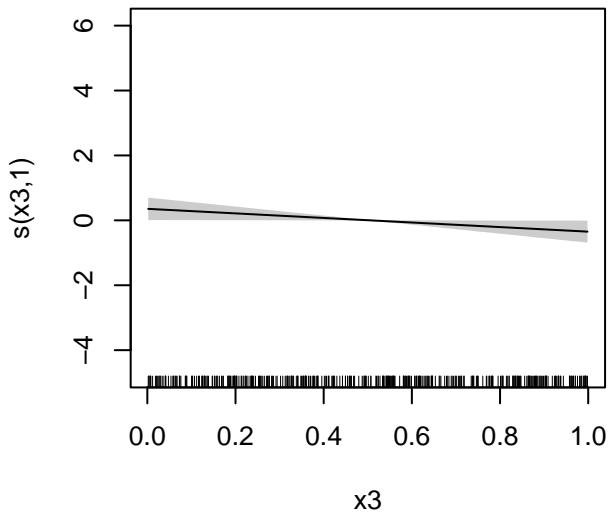
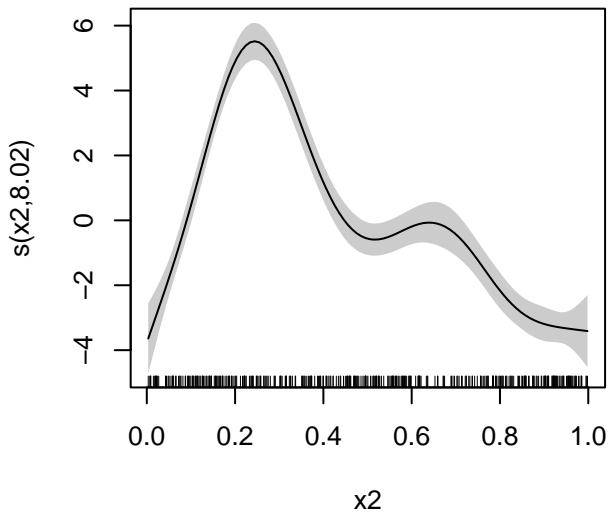
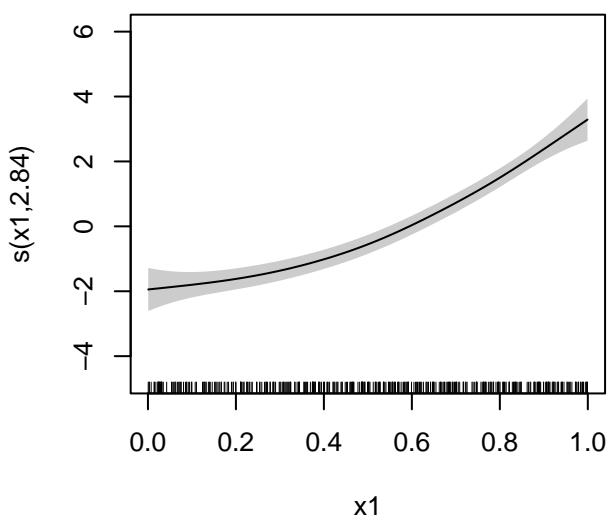
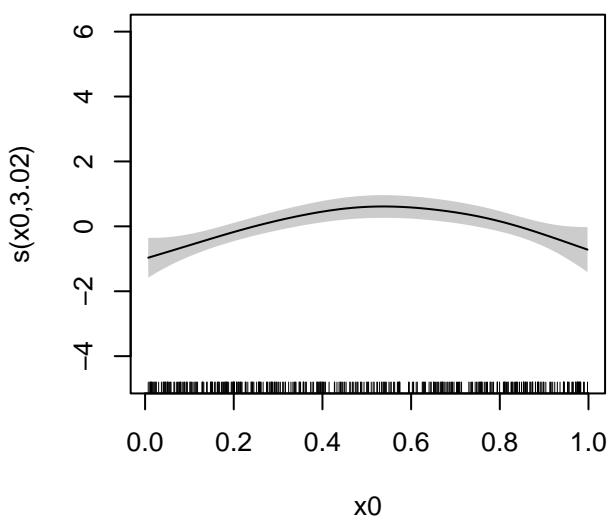
Histogram of residuals



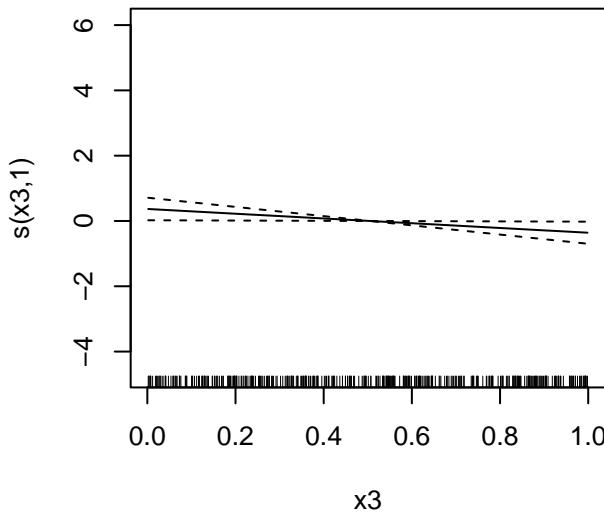
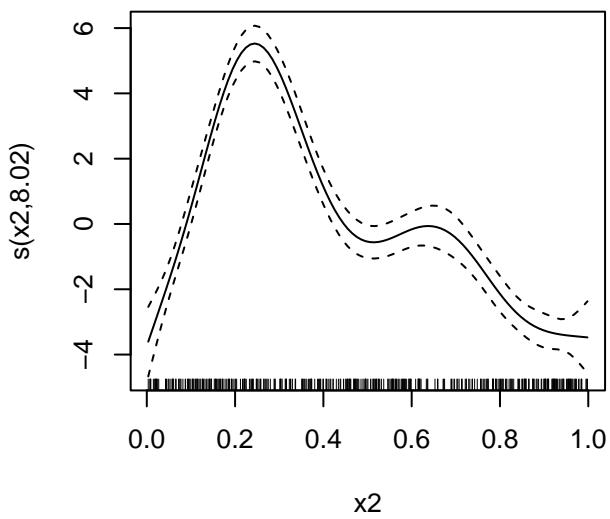
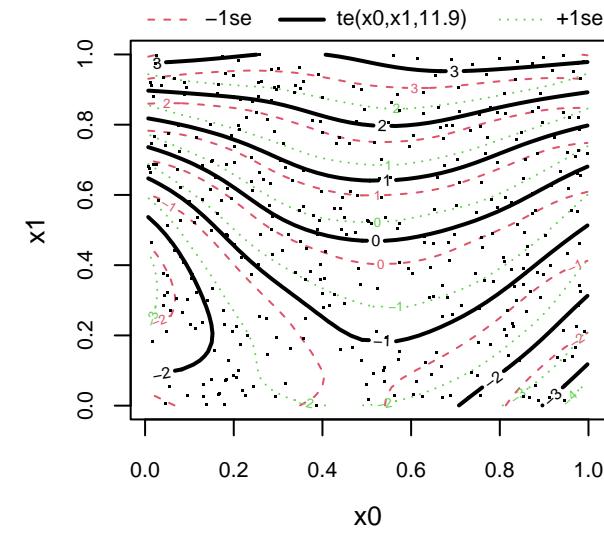
Response vs. Fitted Values



help("gam")

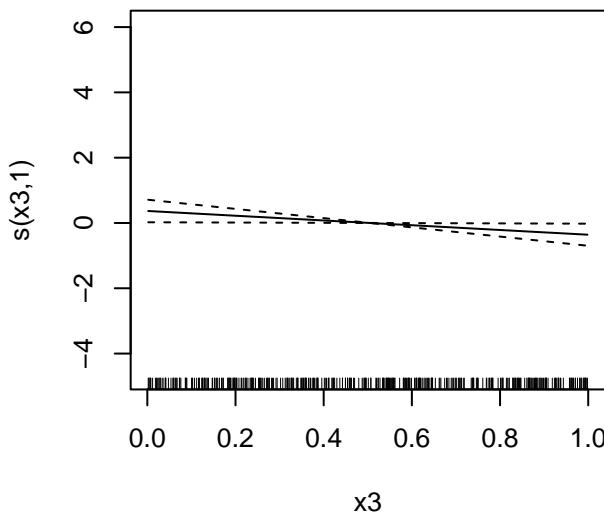
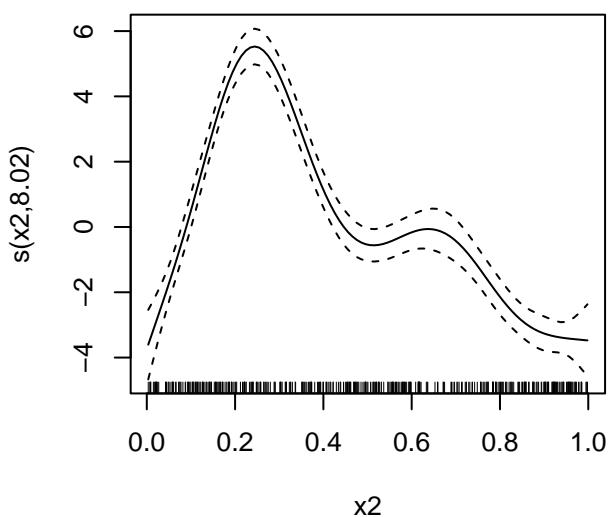
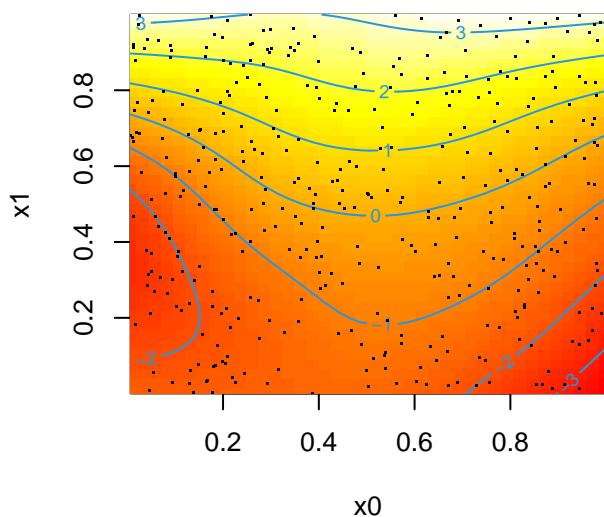


help("gam")

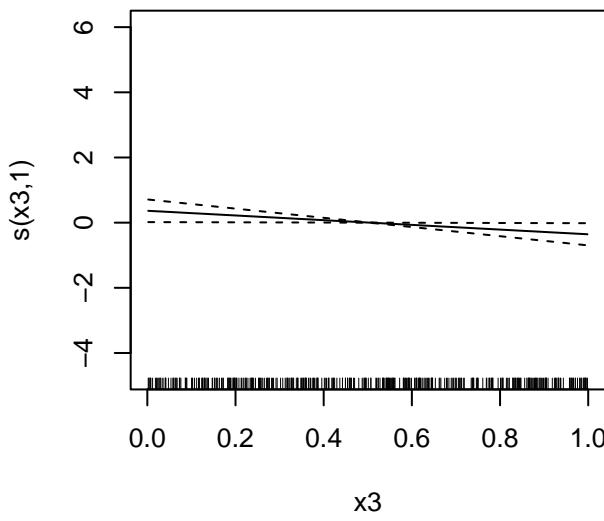
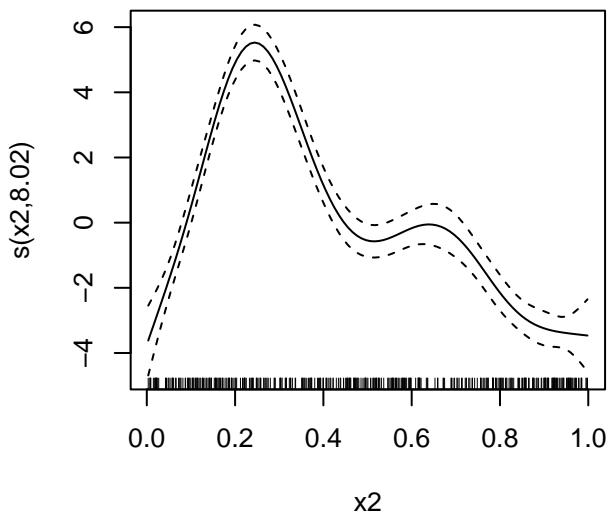
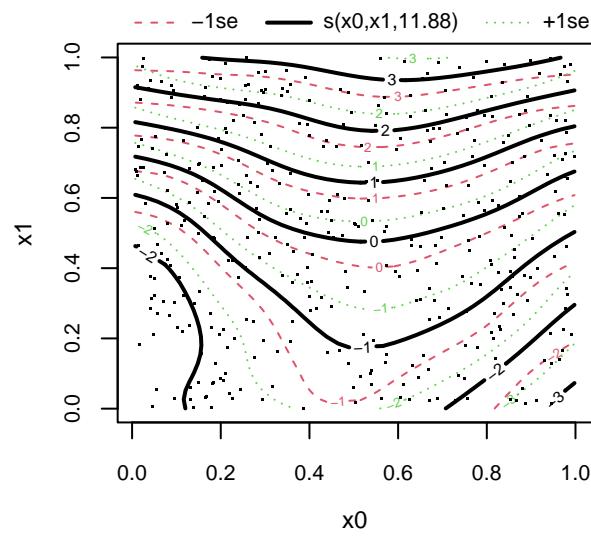


help("gam")

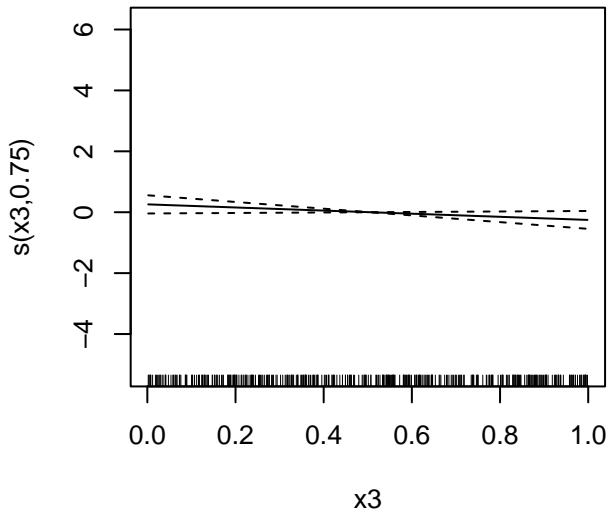
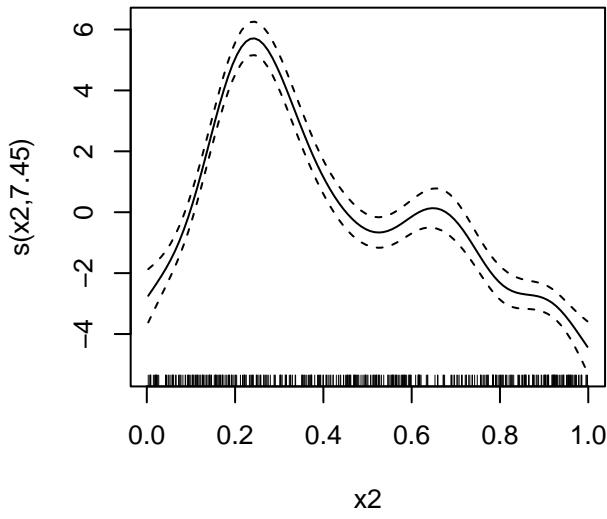
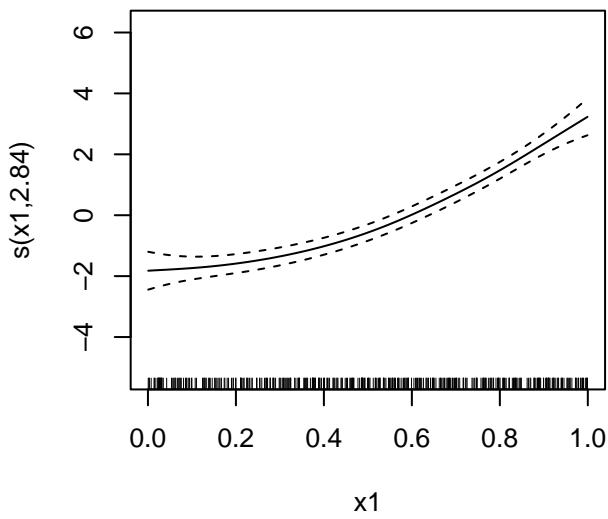
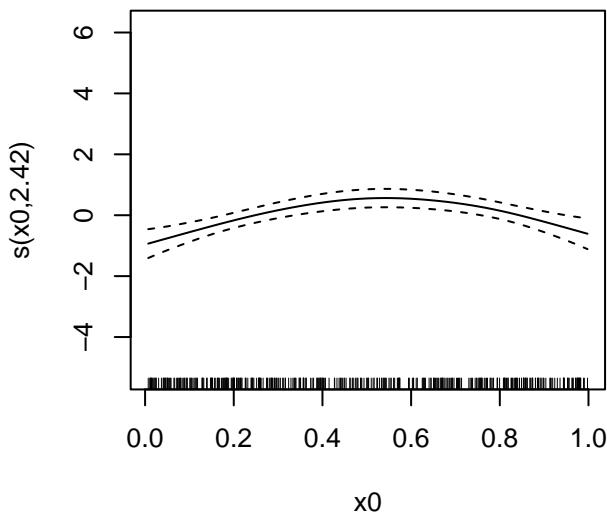
$te(x_0, x_1, 11.9)$



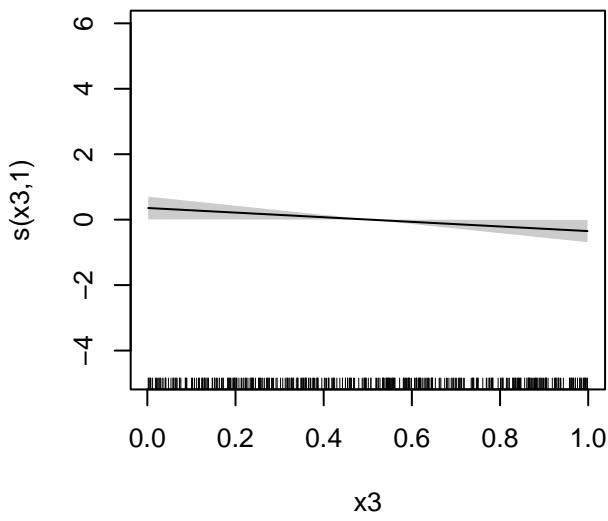
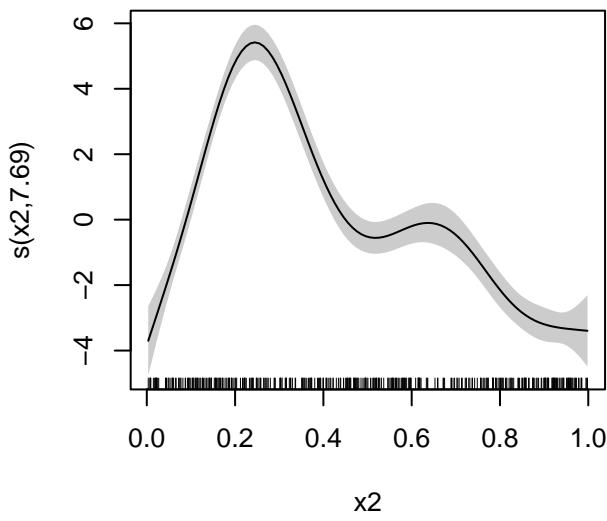
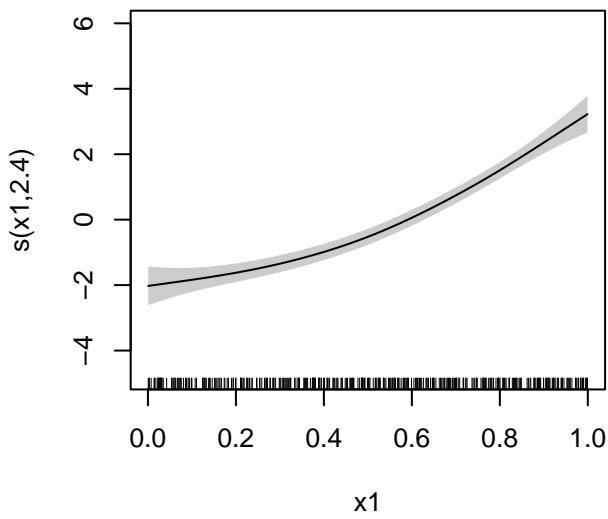
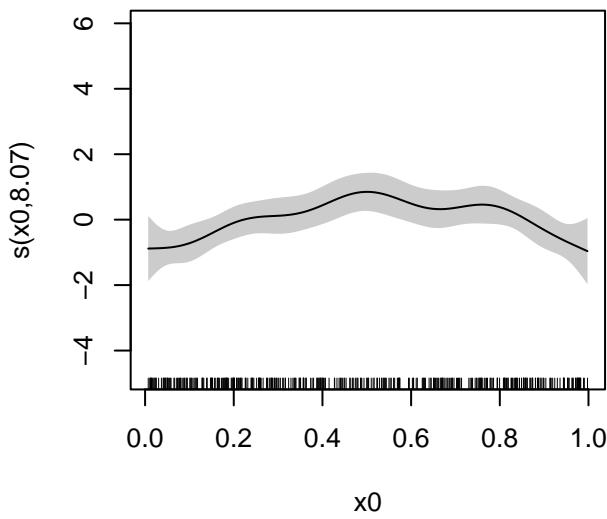
help("gam")



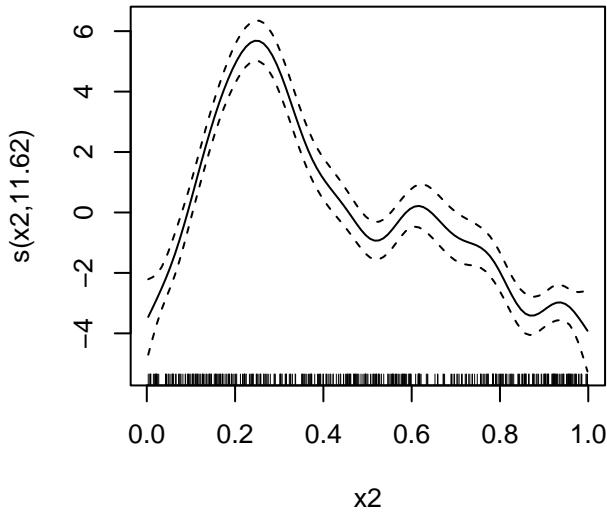
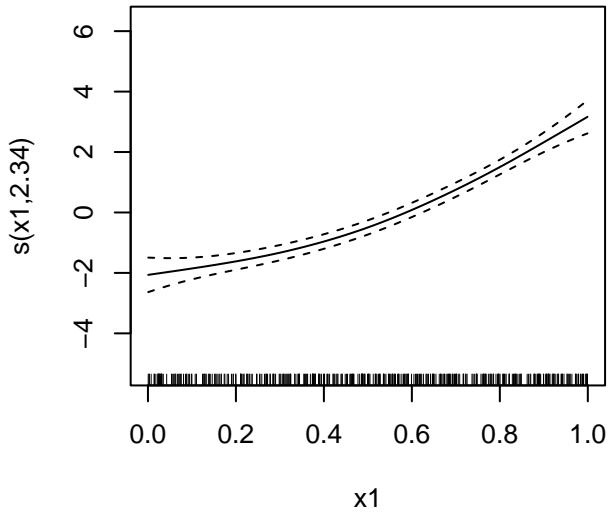
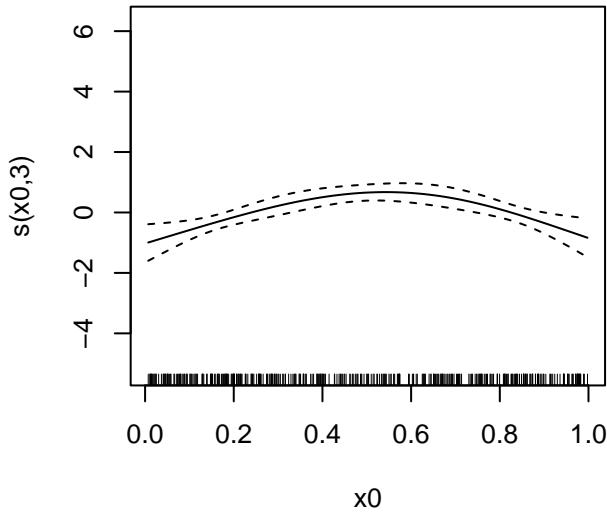
help("gam")



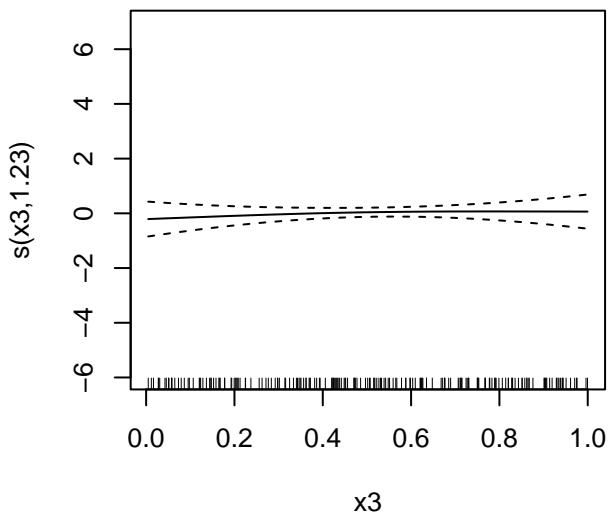
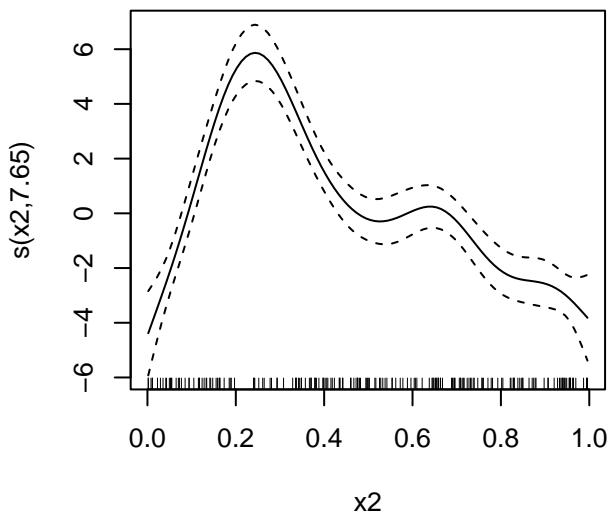
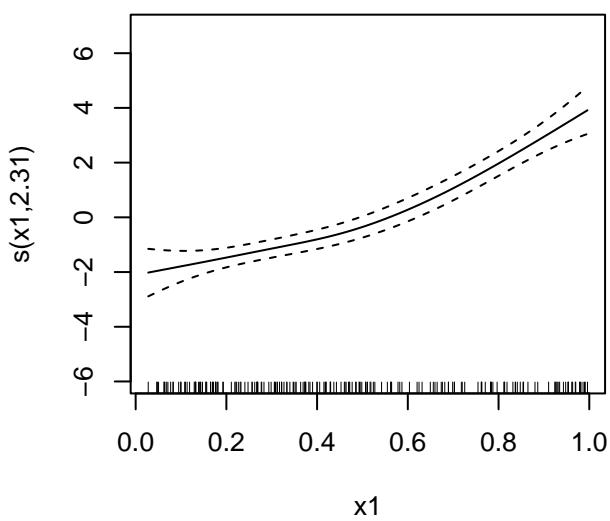
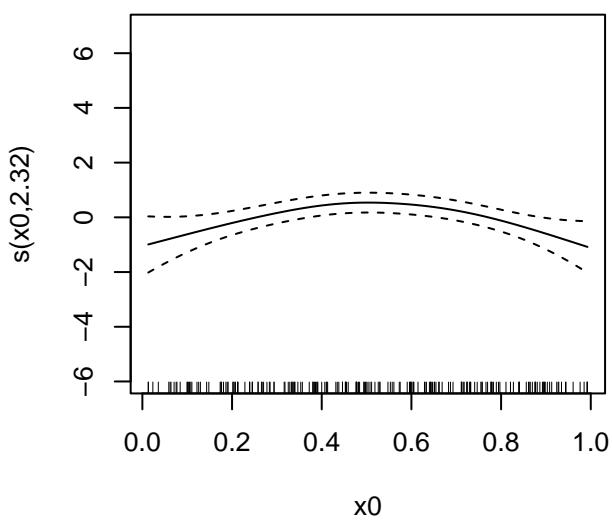
help("gam")



help("gam")

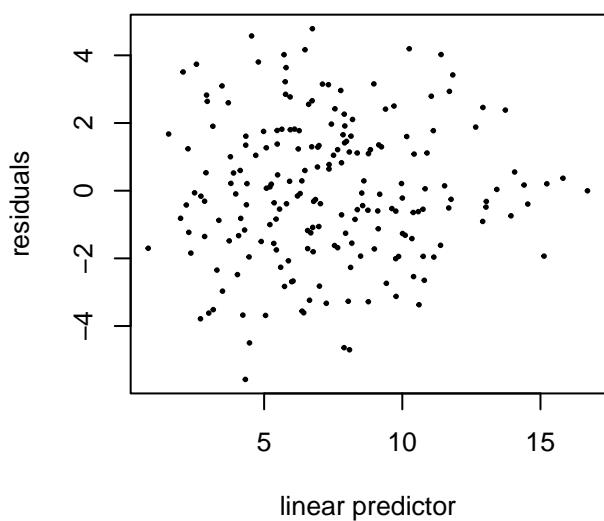
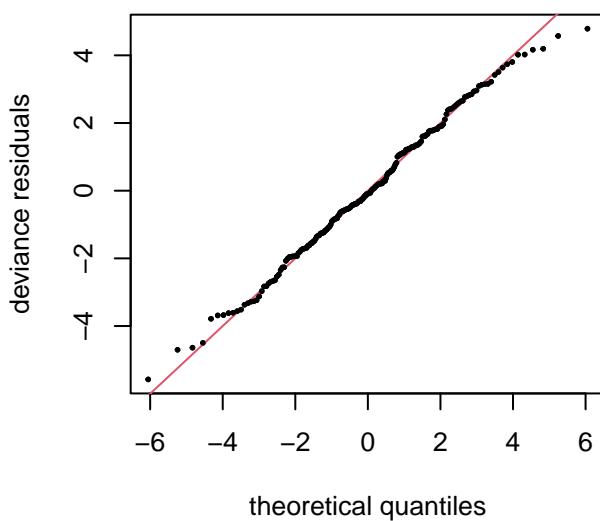


help("gam")



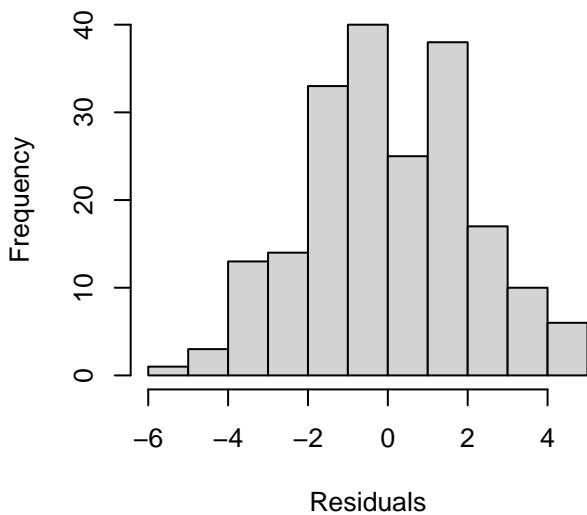
help("gam.check")

Resids vs. linear pred.

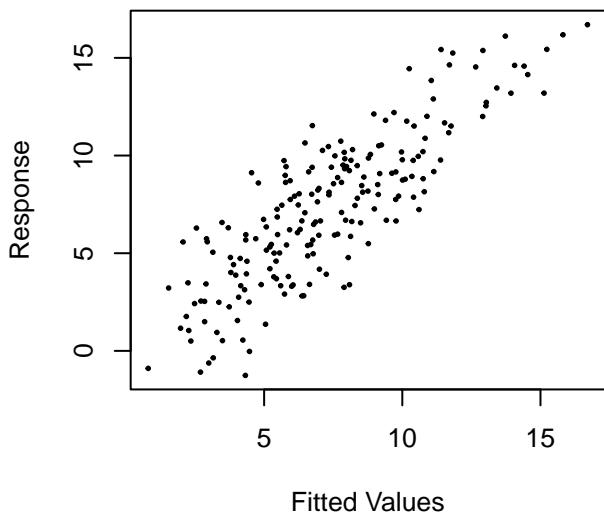


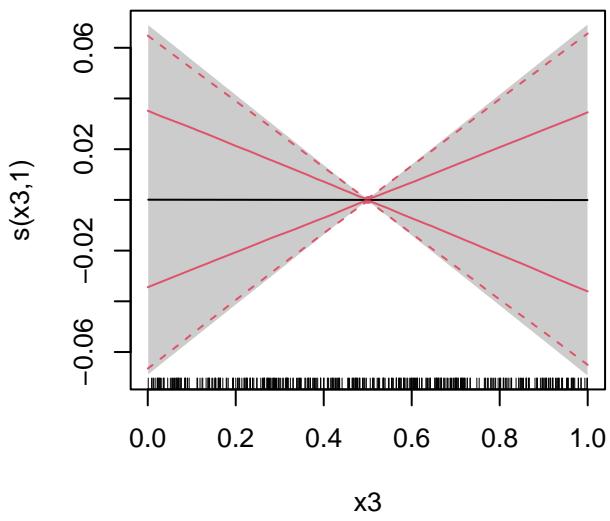
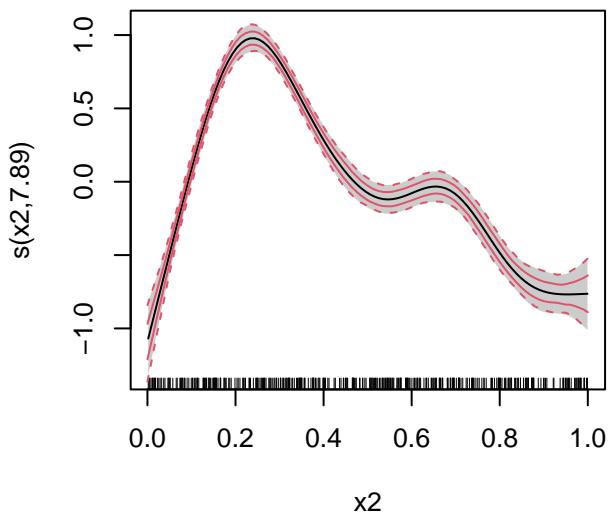
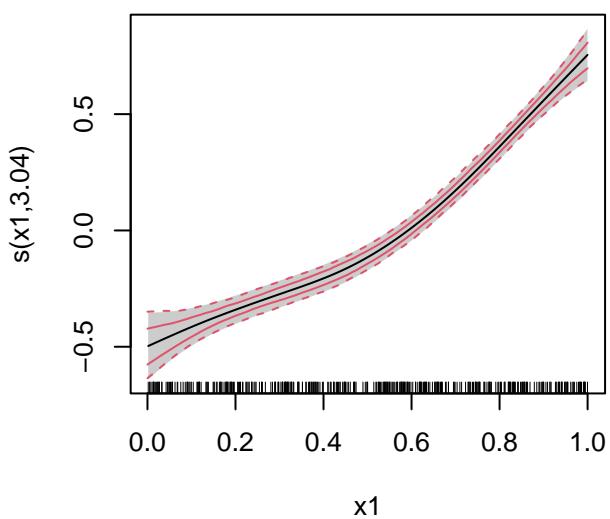
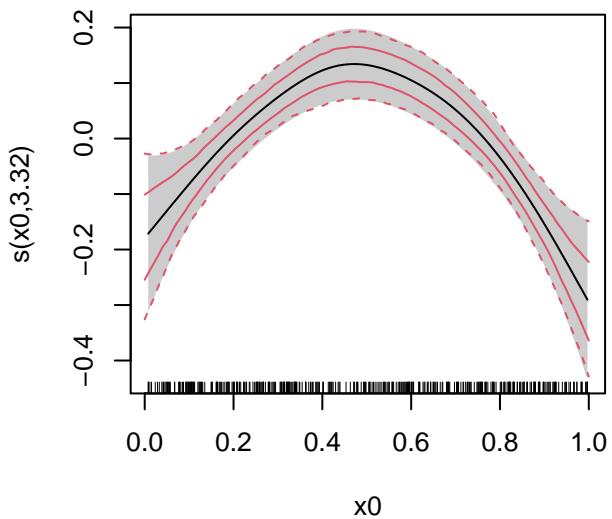
help("gam.check")

Histogram of residuals



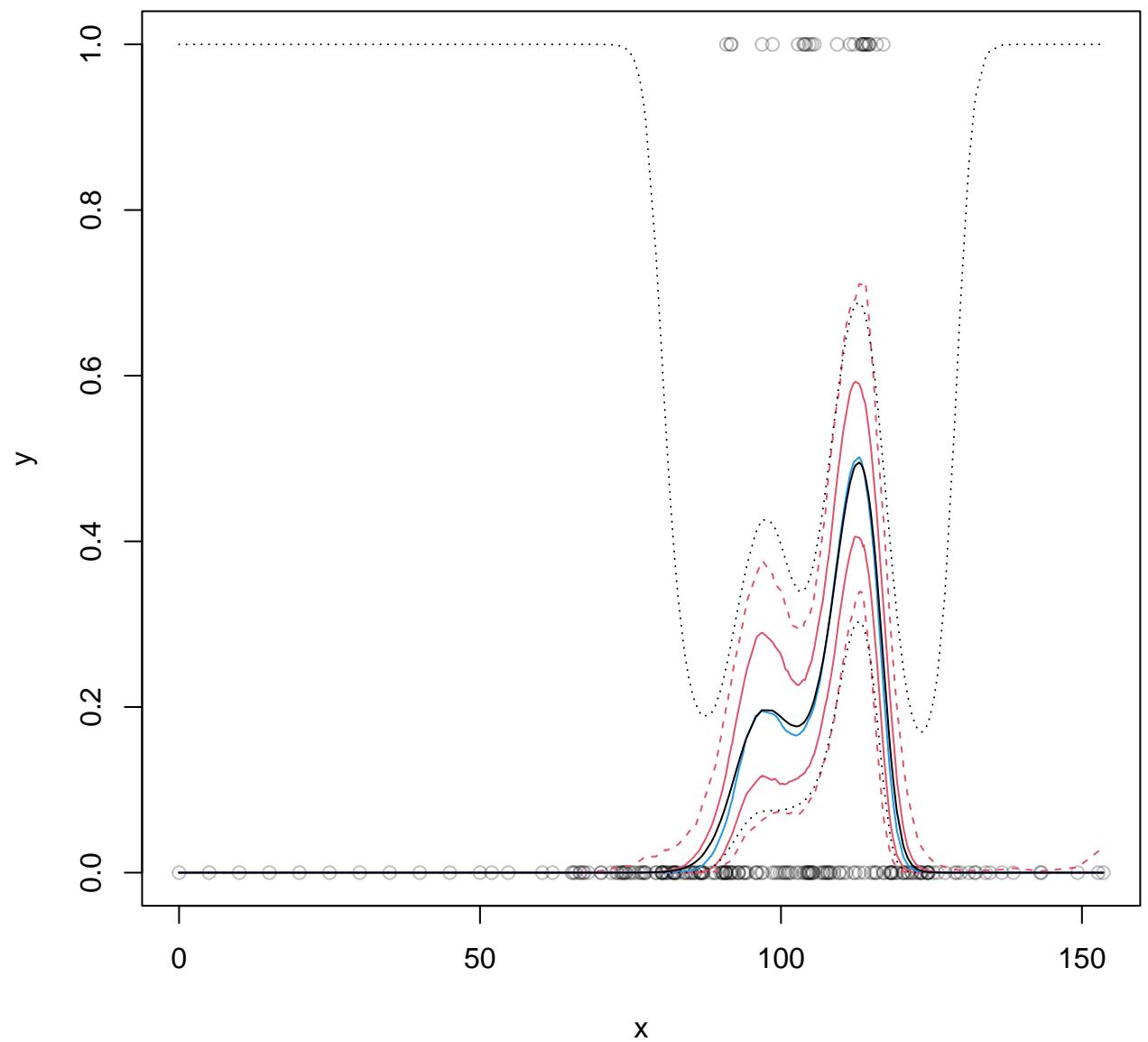
Response vs. Fitted Values



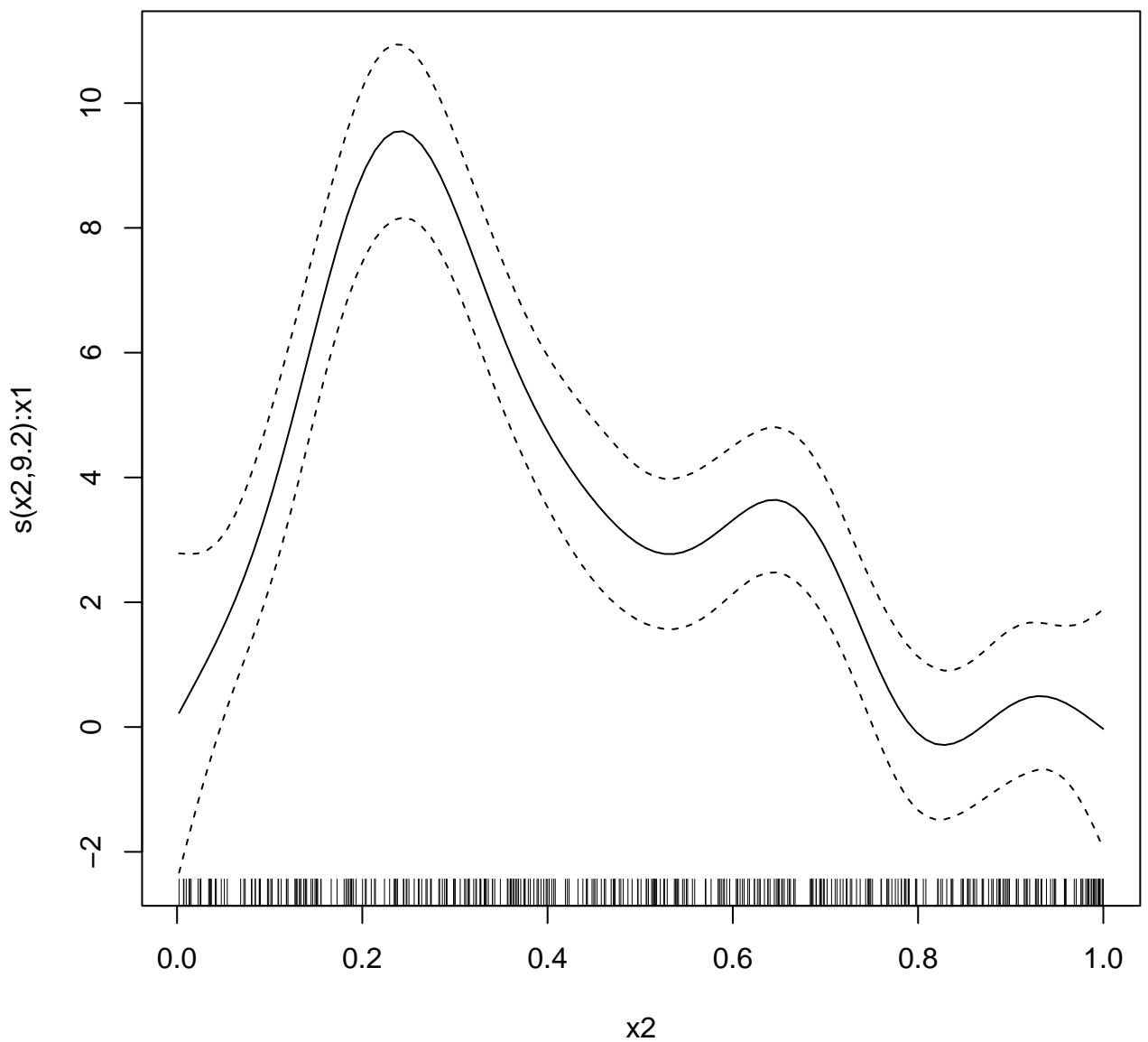


help("gam.mh")

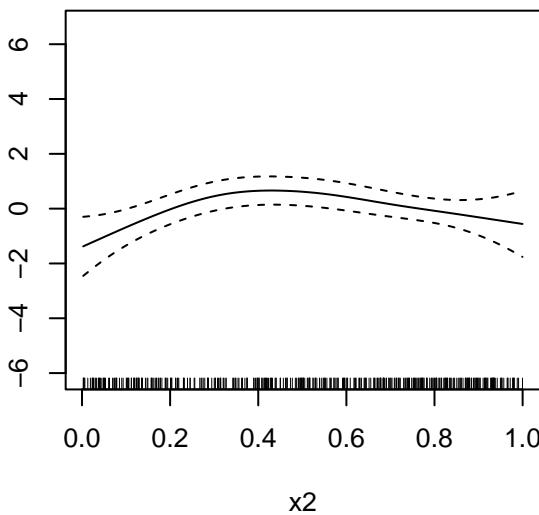
help("gam.mh")



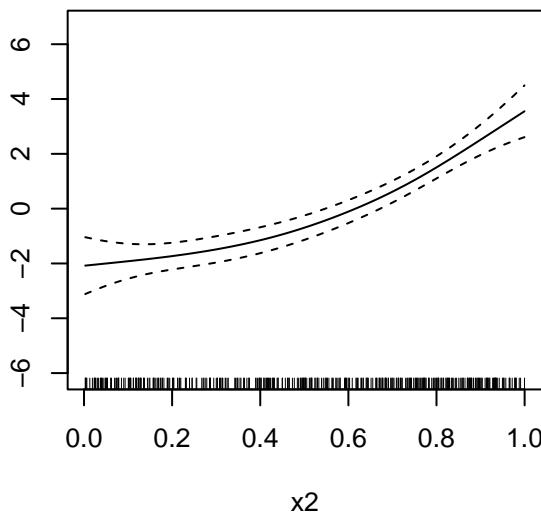
help("gam.models")



s(x2,2.58):fac1

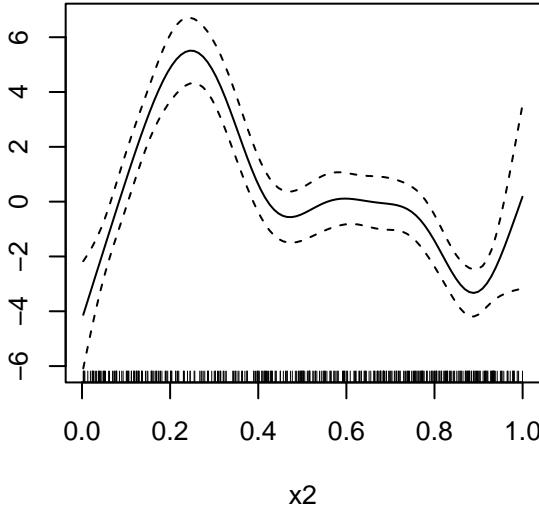


s(x2,2.22):fac2

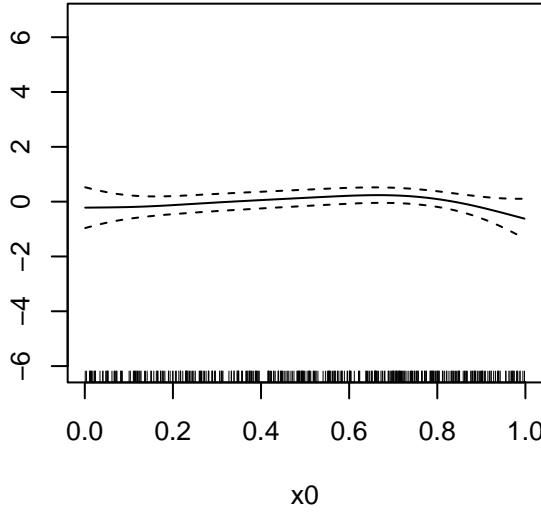


help("gam.models")

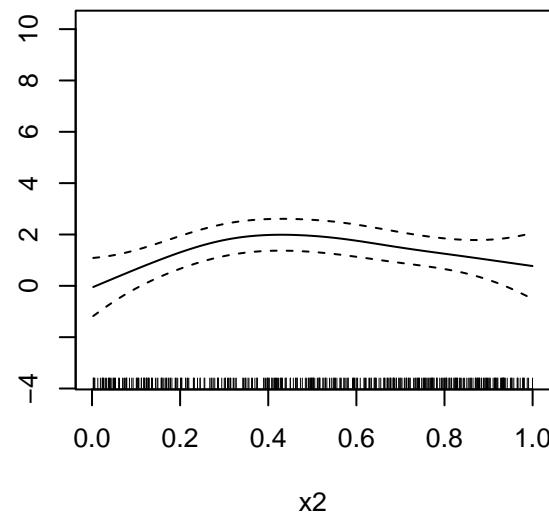
s(x2,7.88):fac3



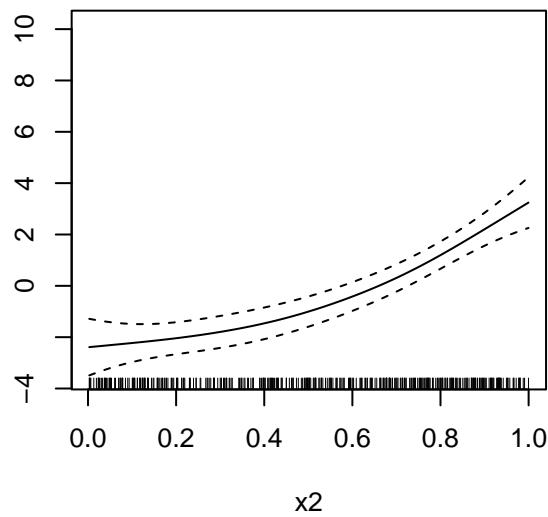
s(x0,2.88)



`s(x2,3.58):as.numeric(fac == 1)`

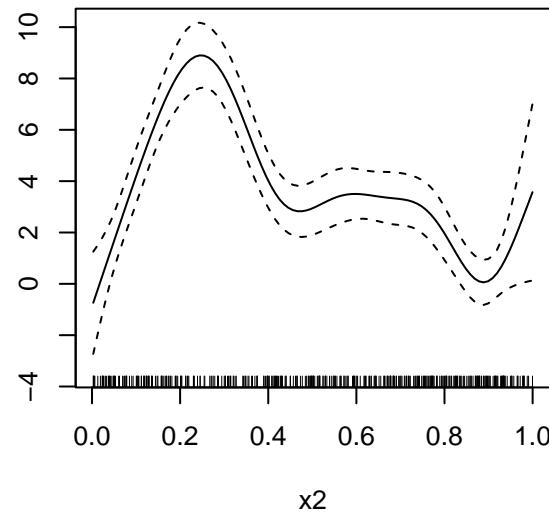


`s(x2,3.22):as.numeric(fac == 2)`

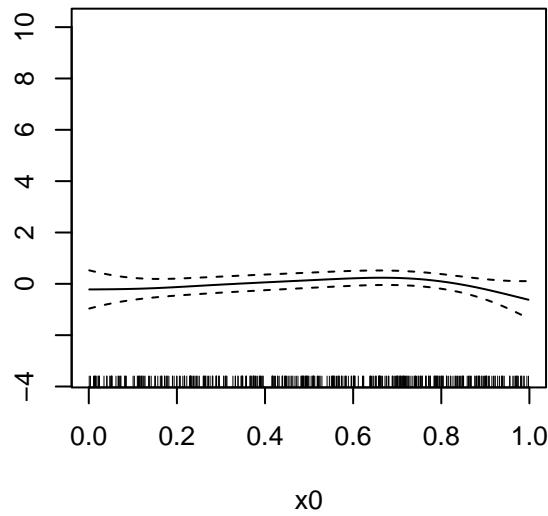


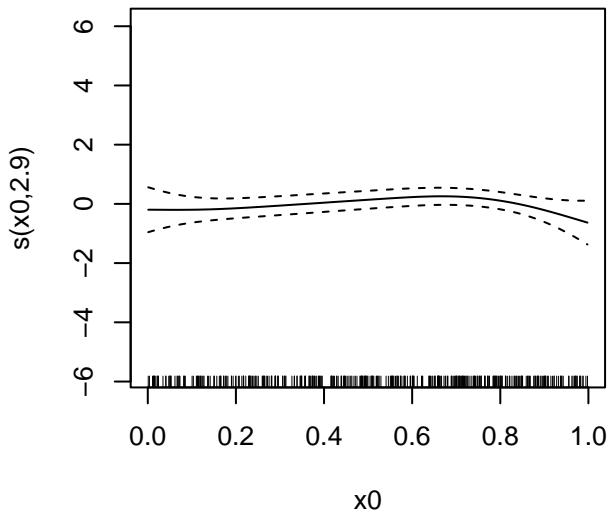
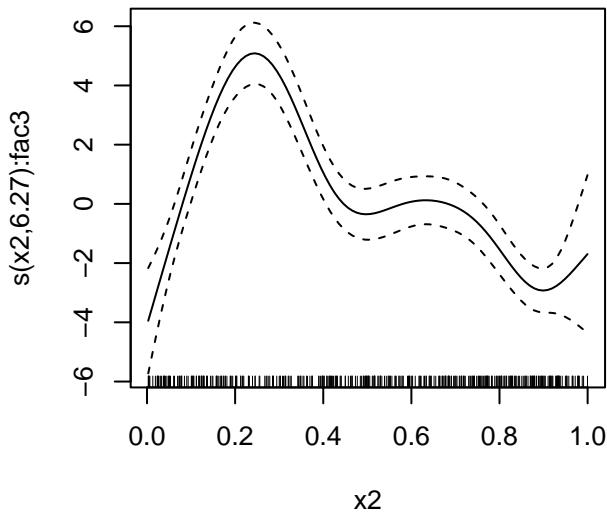
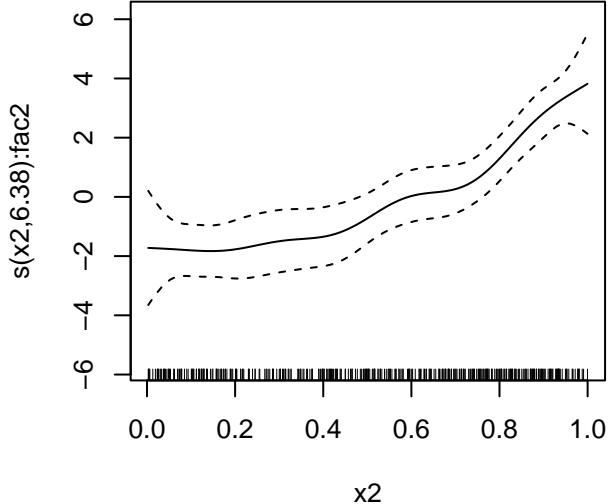
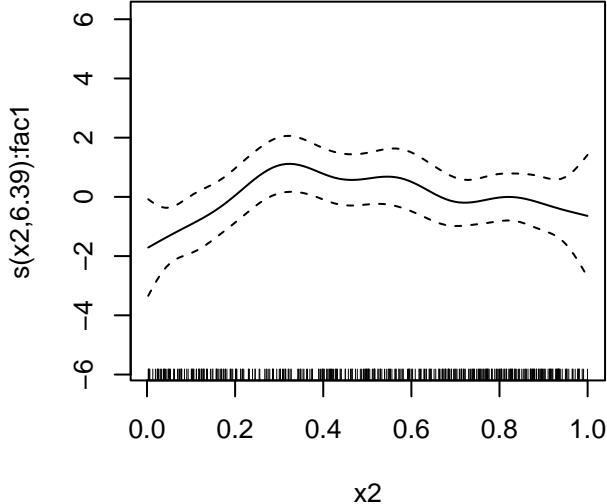
`help("gam.models")`

`s(x2,8.85):as.numeric(fac == 3)`

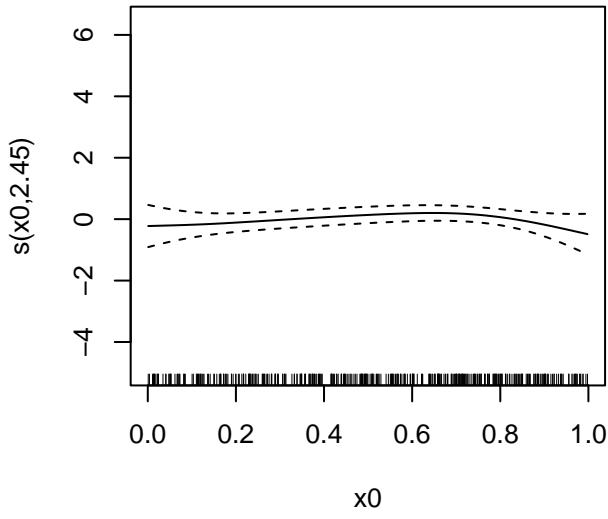
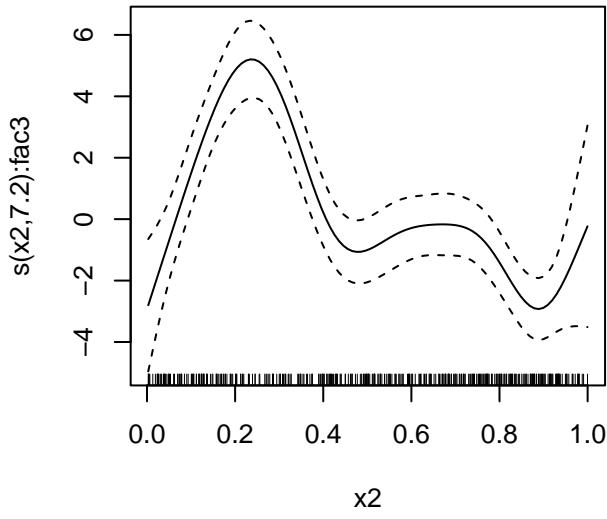
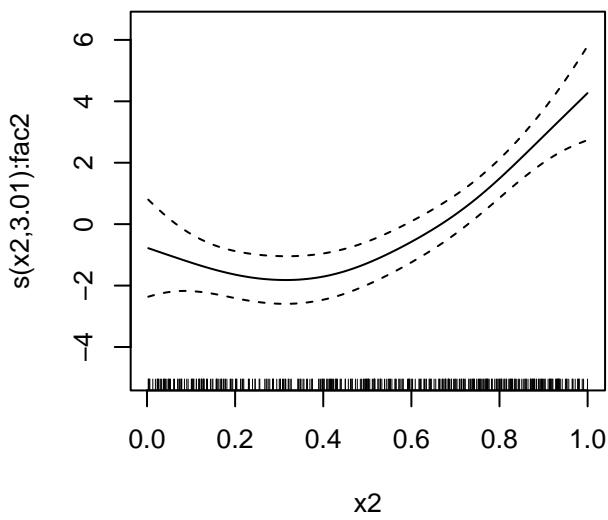
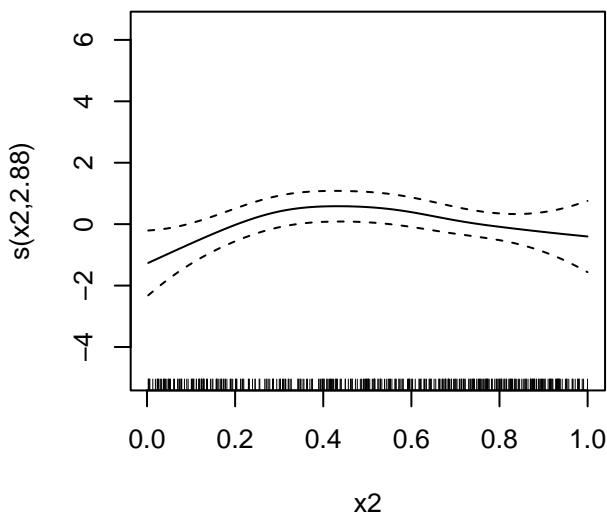


`s(x0,2.88)`

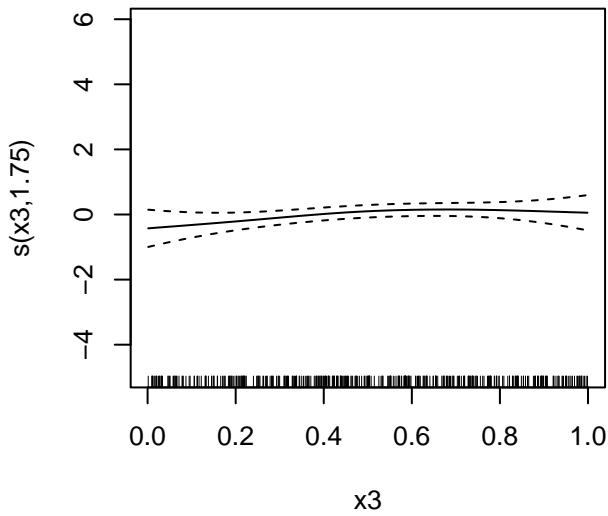
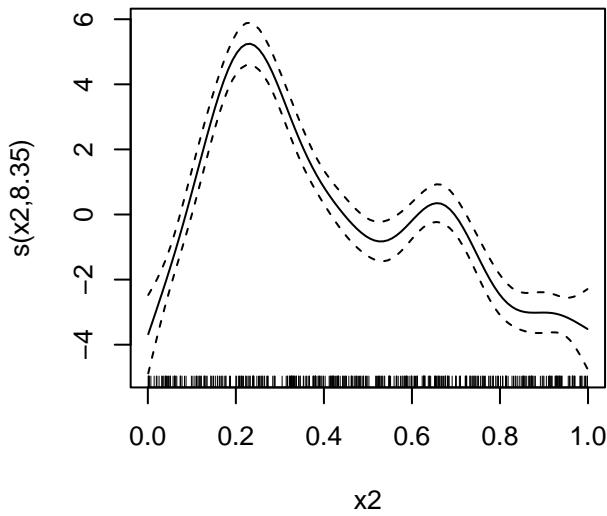
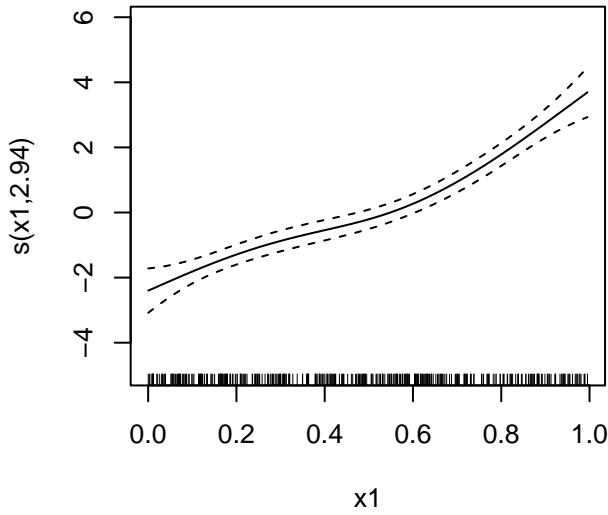
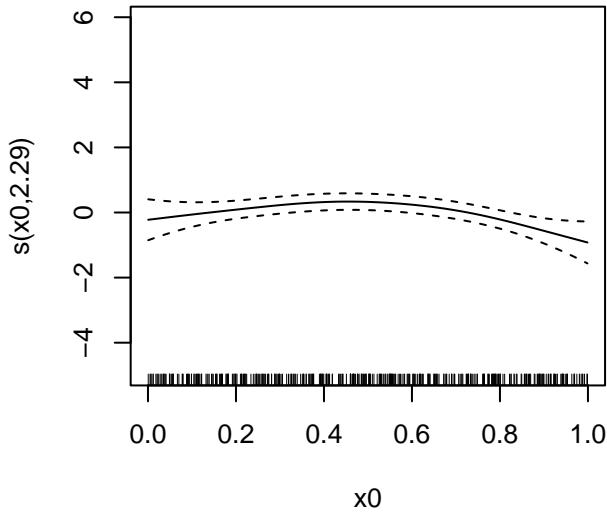




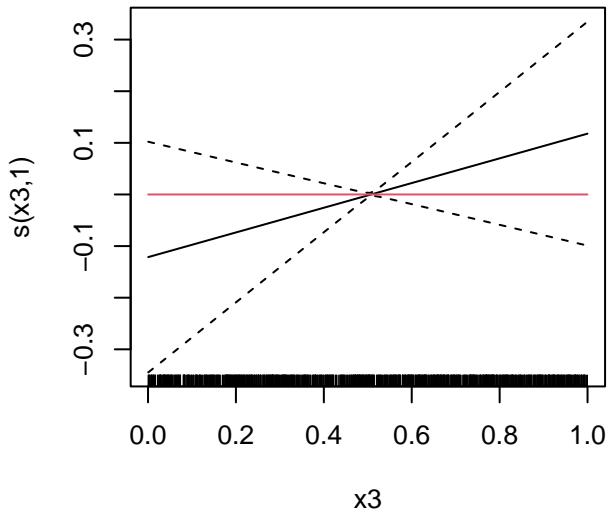
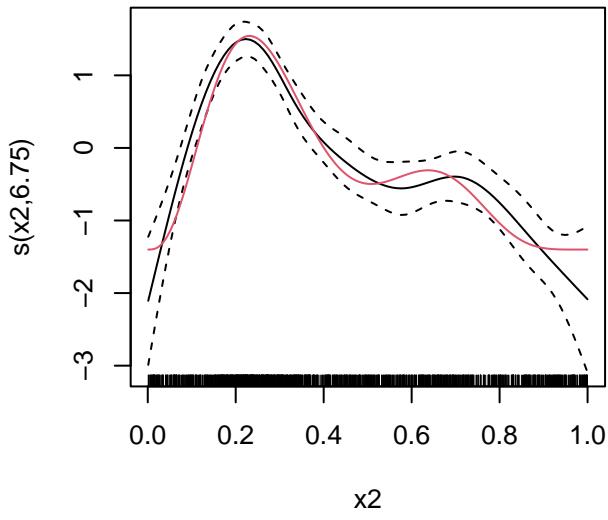
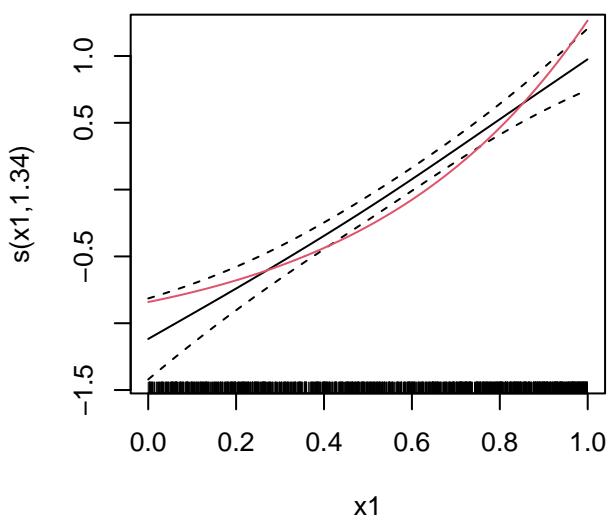
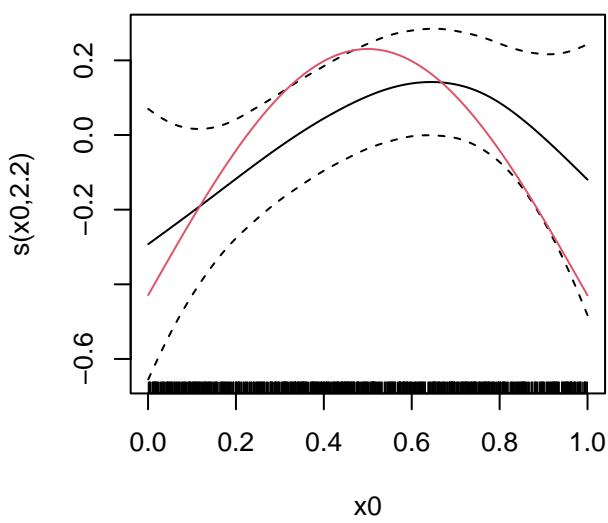
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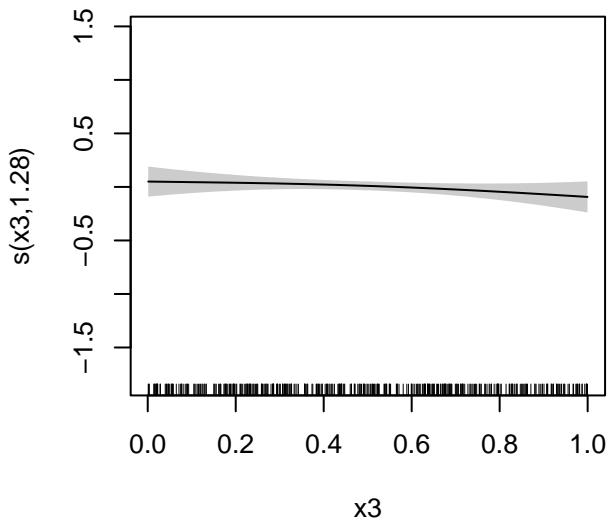
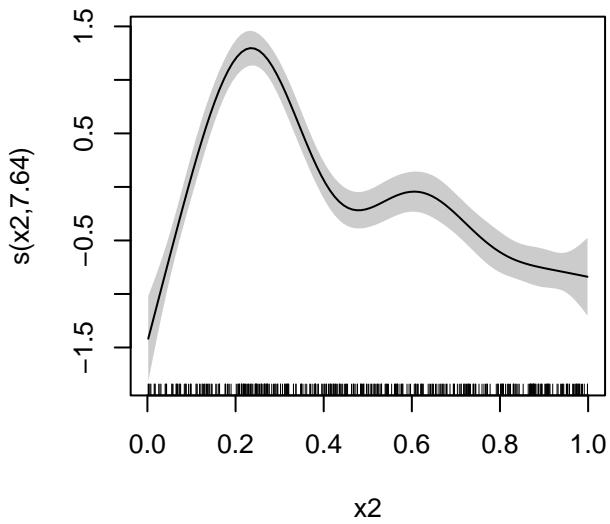
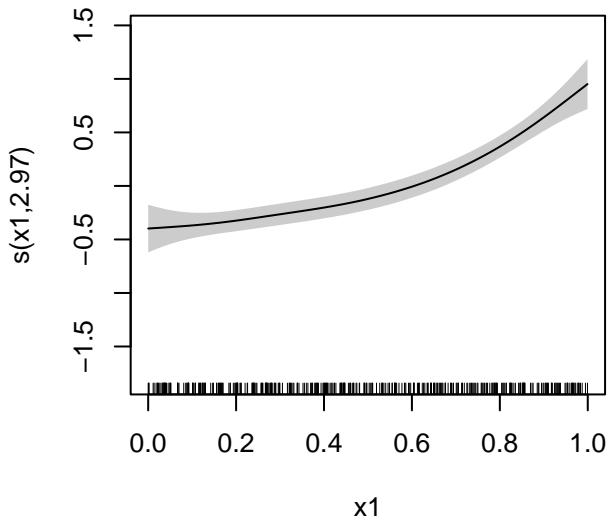
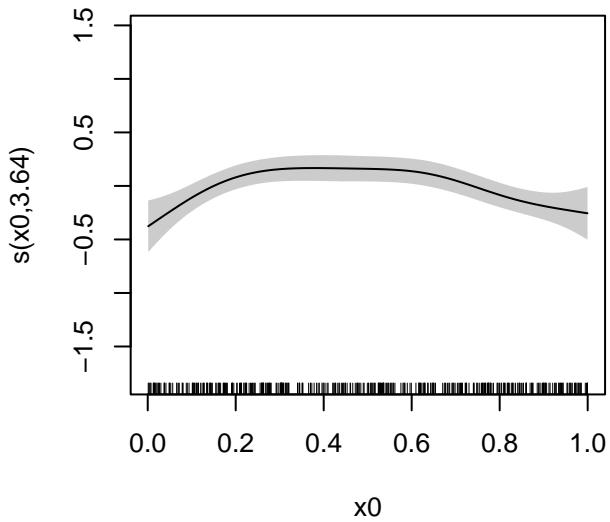
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help("gam.models")

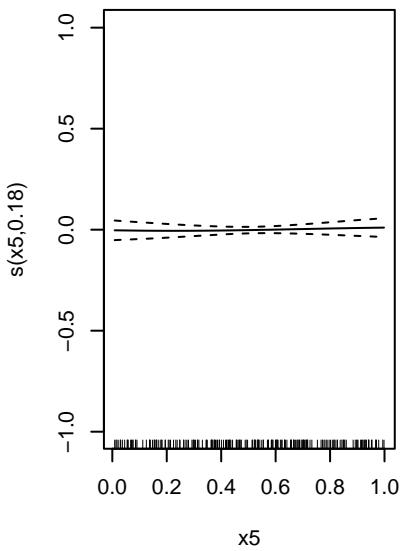
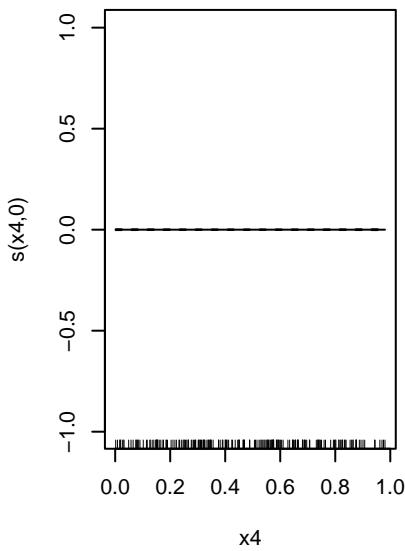
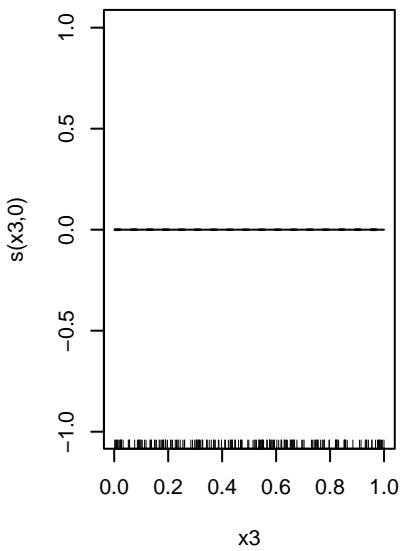
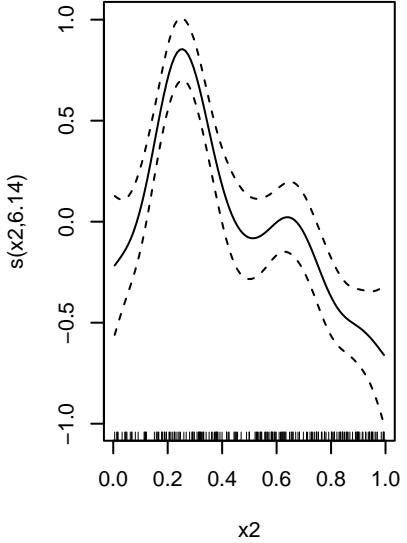
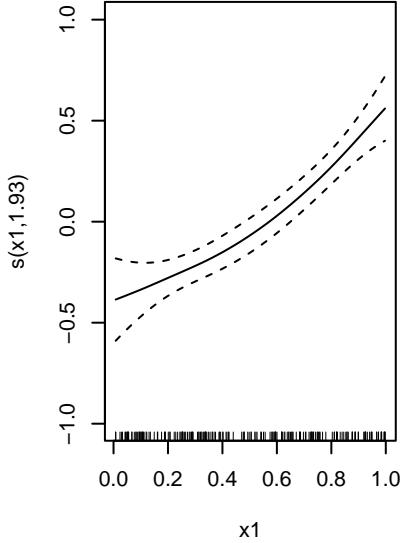
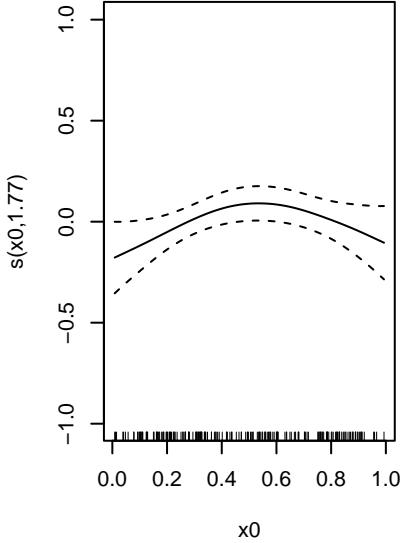


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help("gam.models")

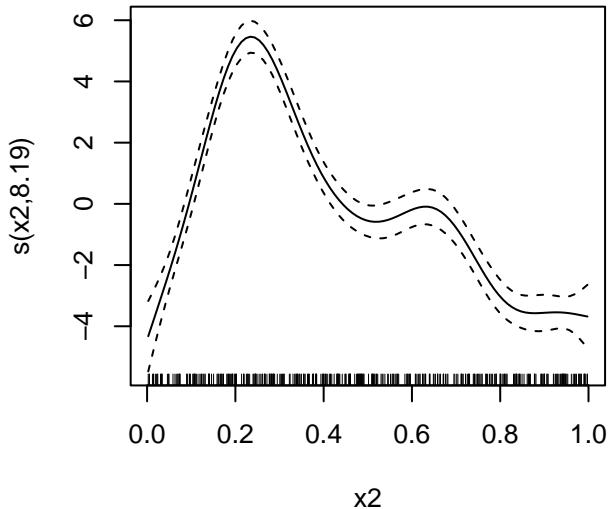
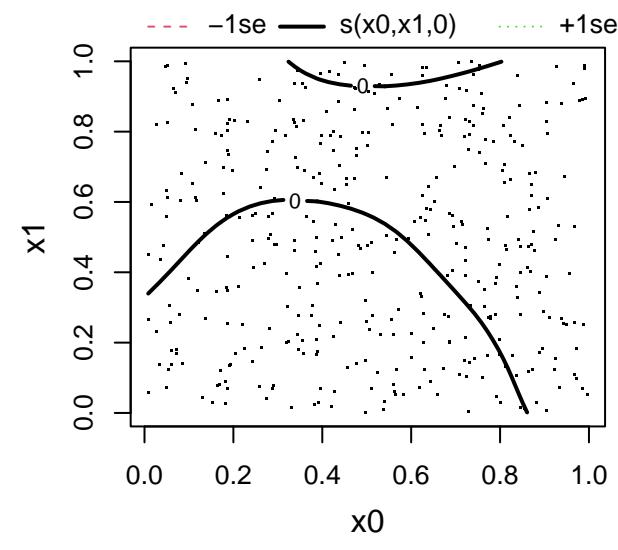
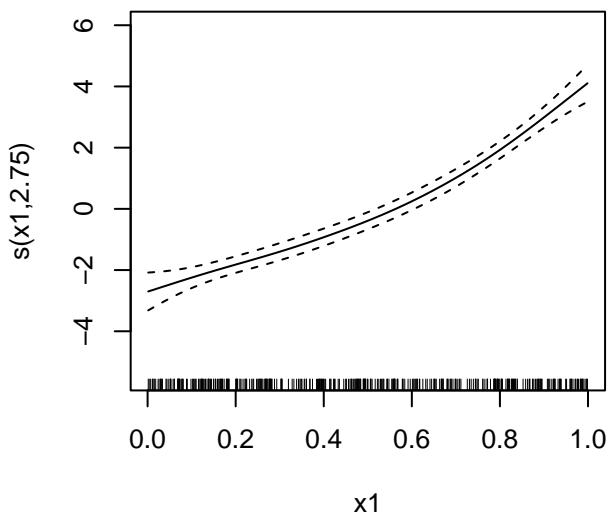
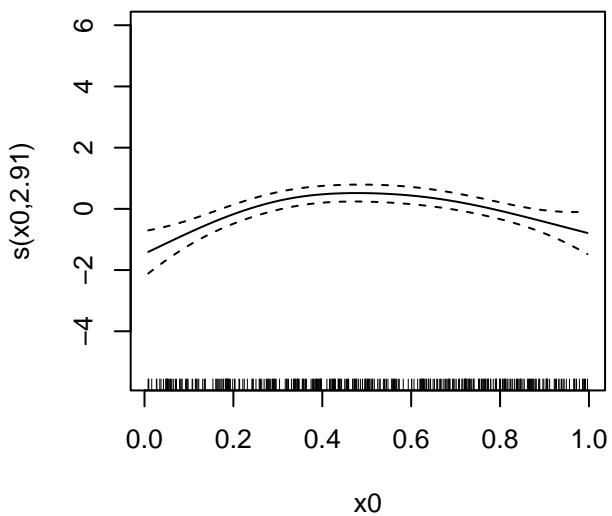
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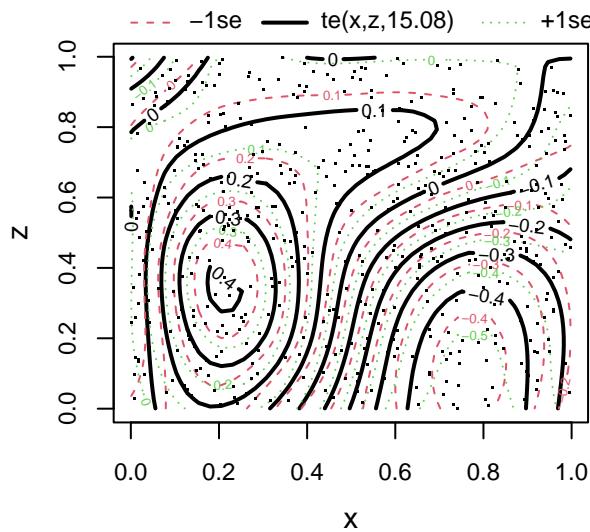
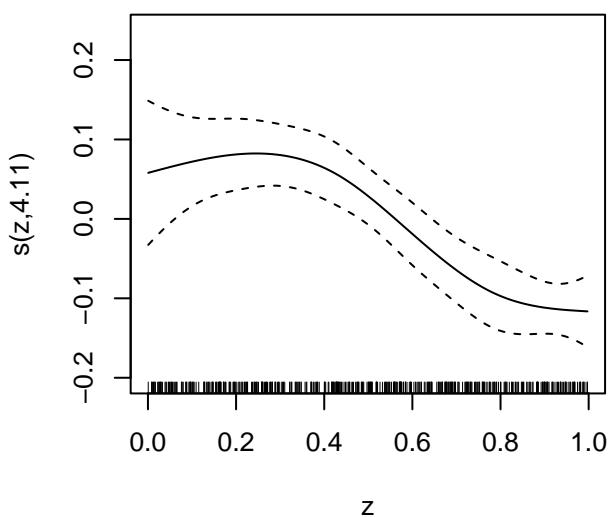
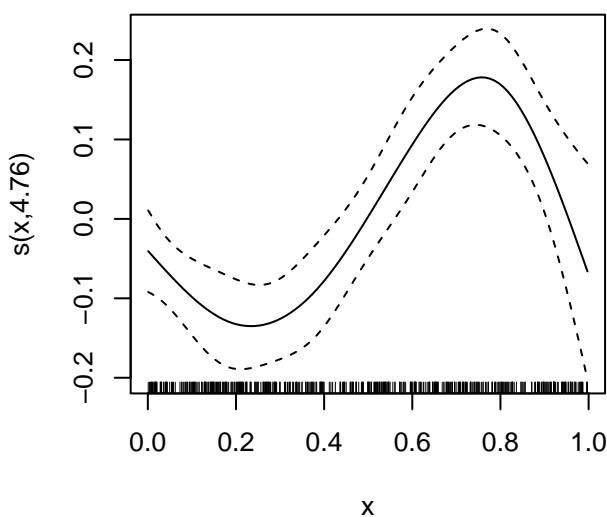
x_3

x_4

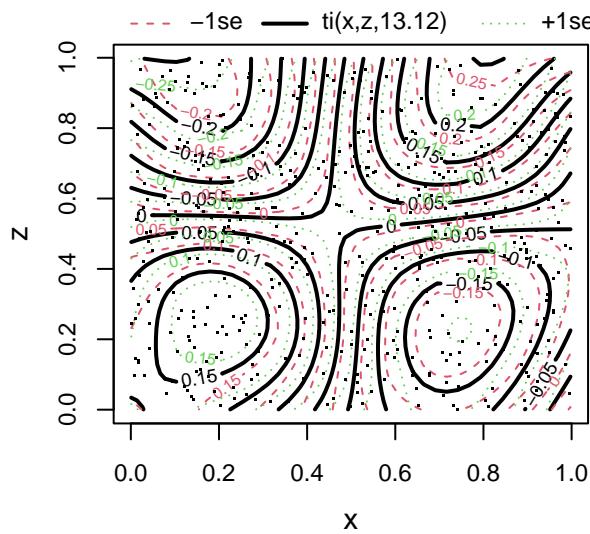
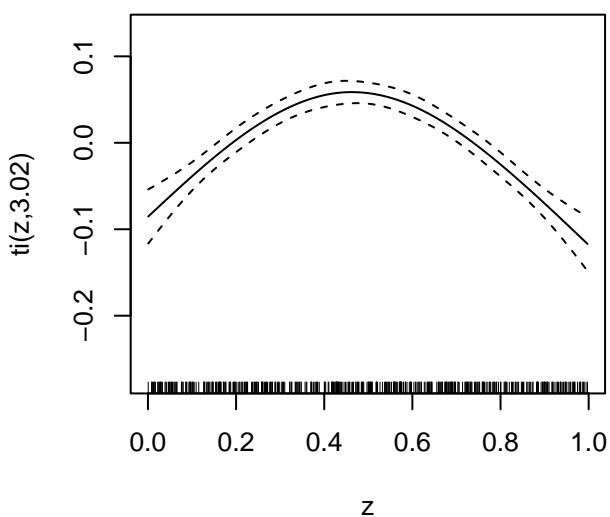
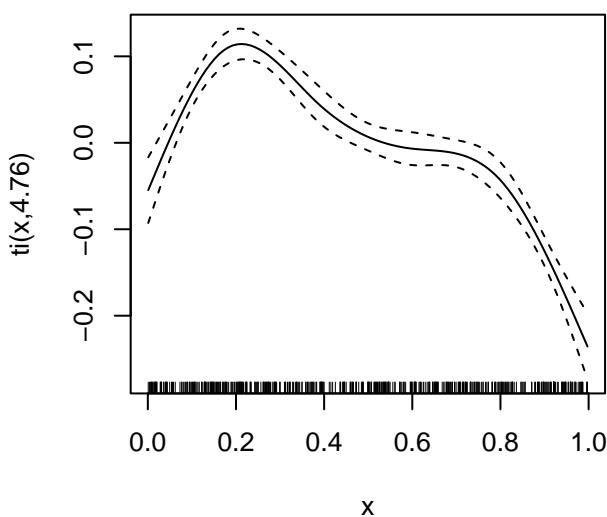
x_5



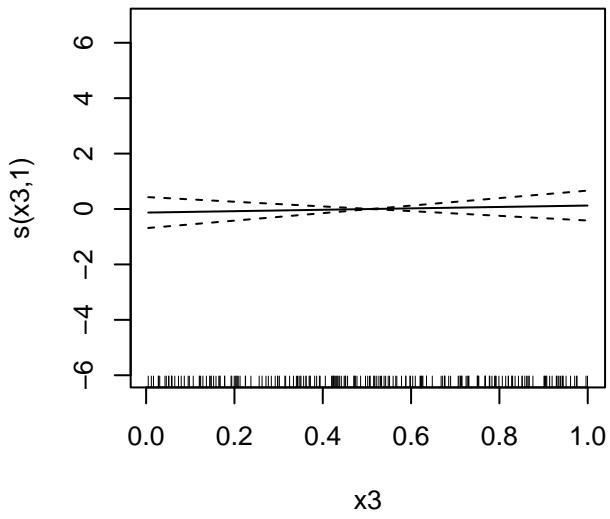
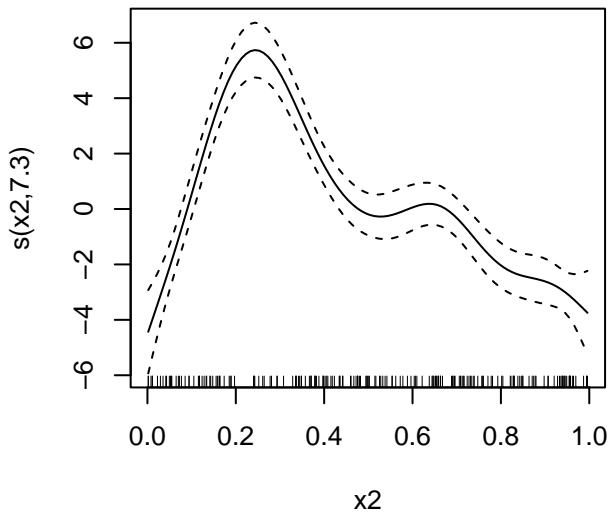
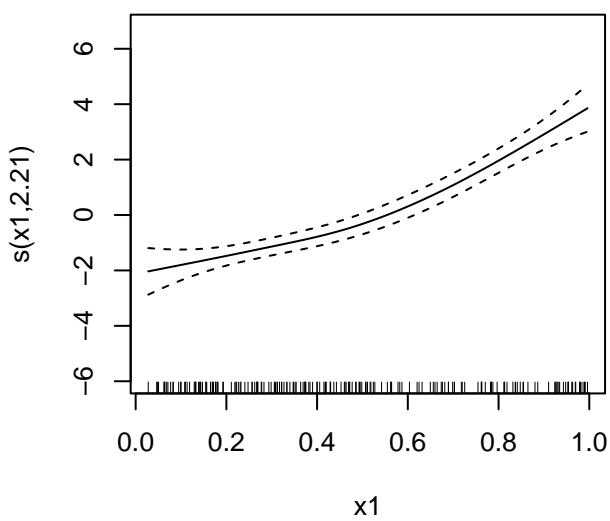
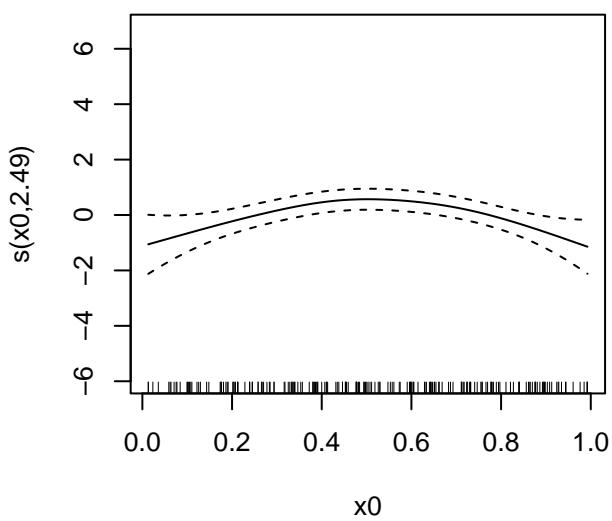
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help("gam.side")

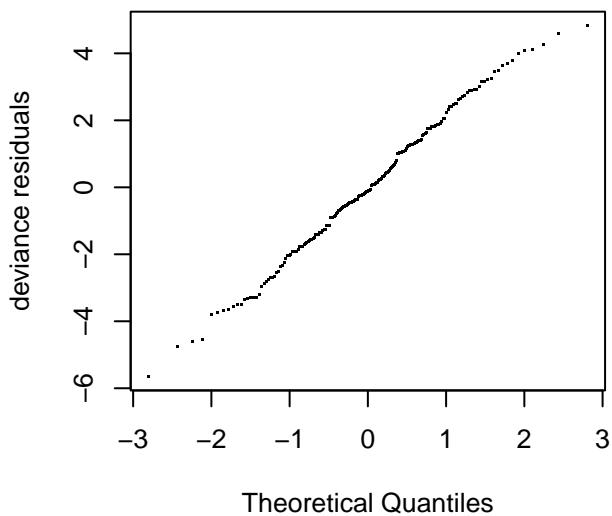


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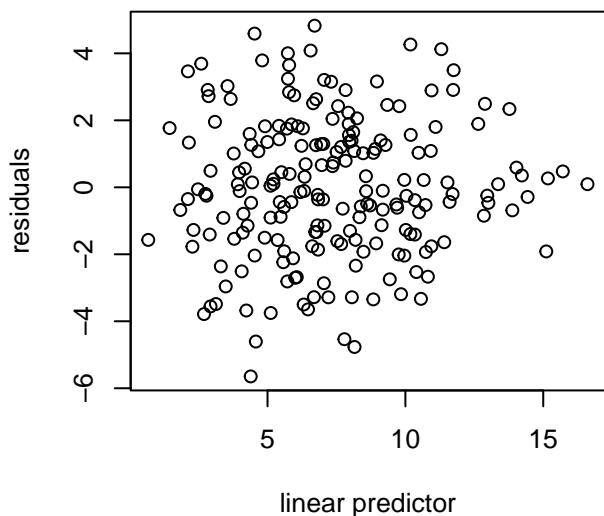


help("gamm")

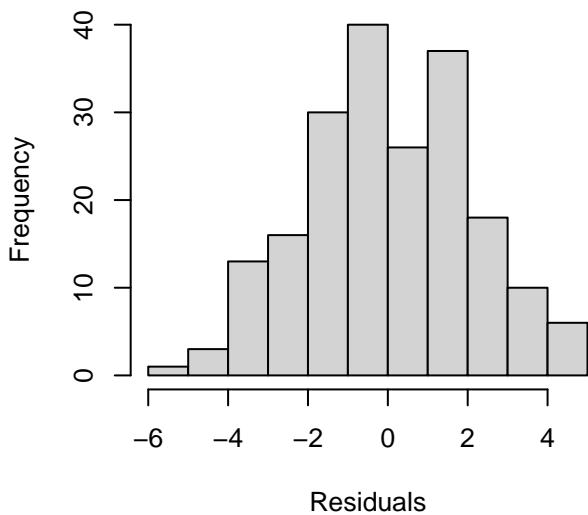
Normal Q–Q Plot



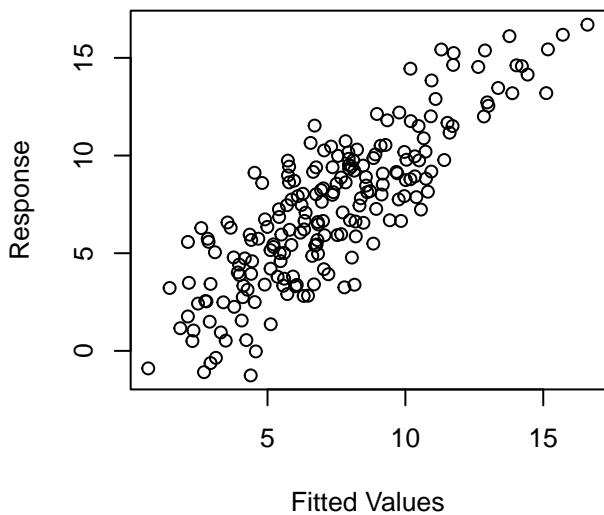
Resids vs. linear pred.



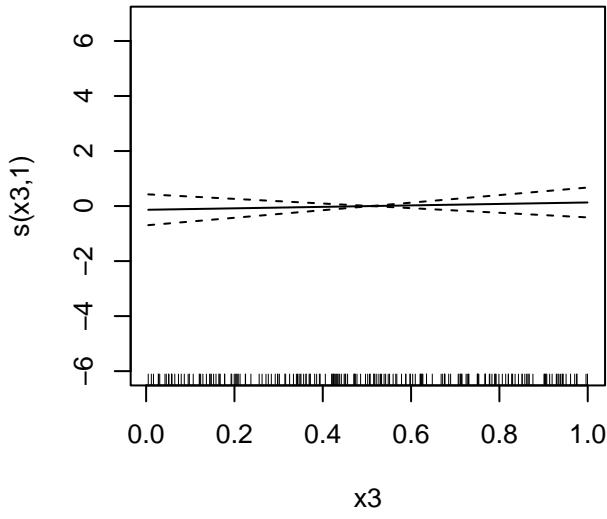
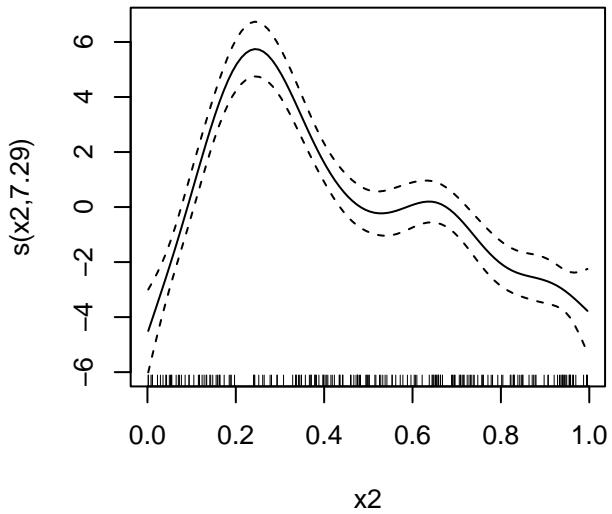
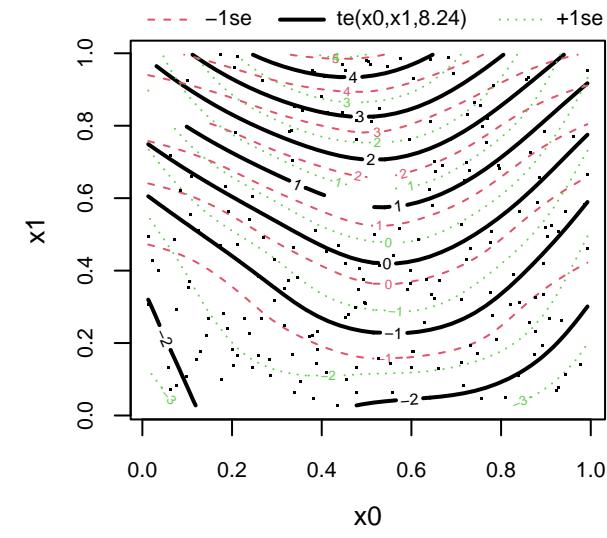
Histogram of residuals



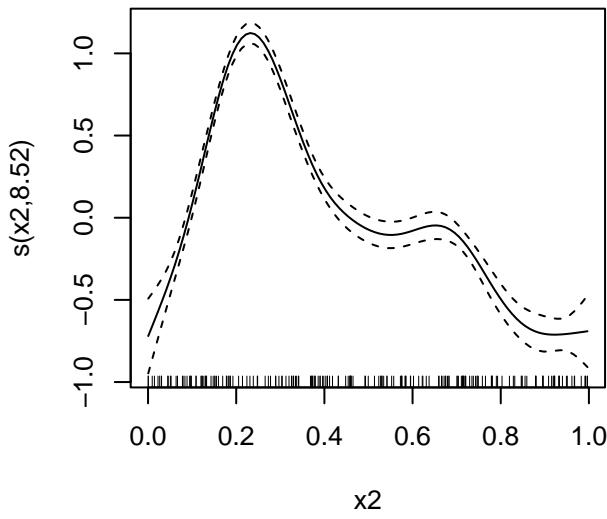
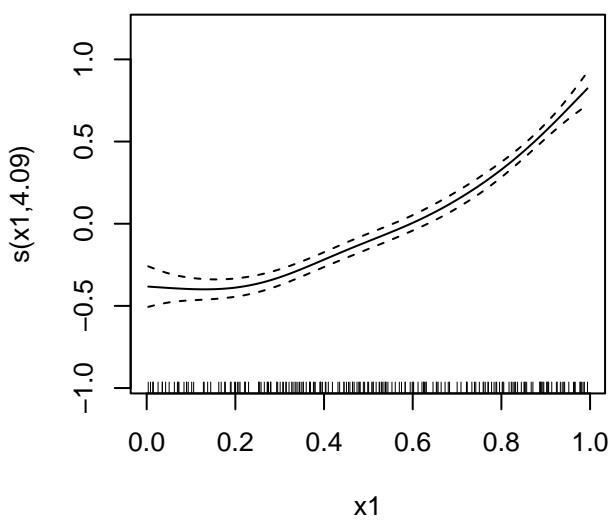
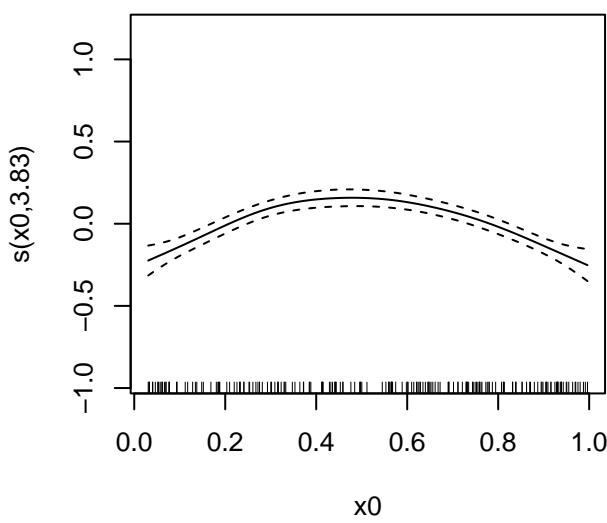
Response vs. Fitted Values



help("gamm")

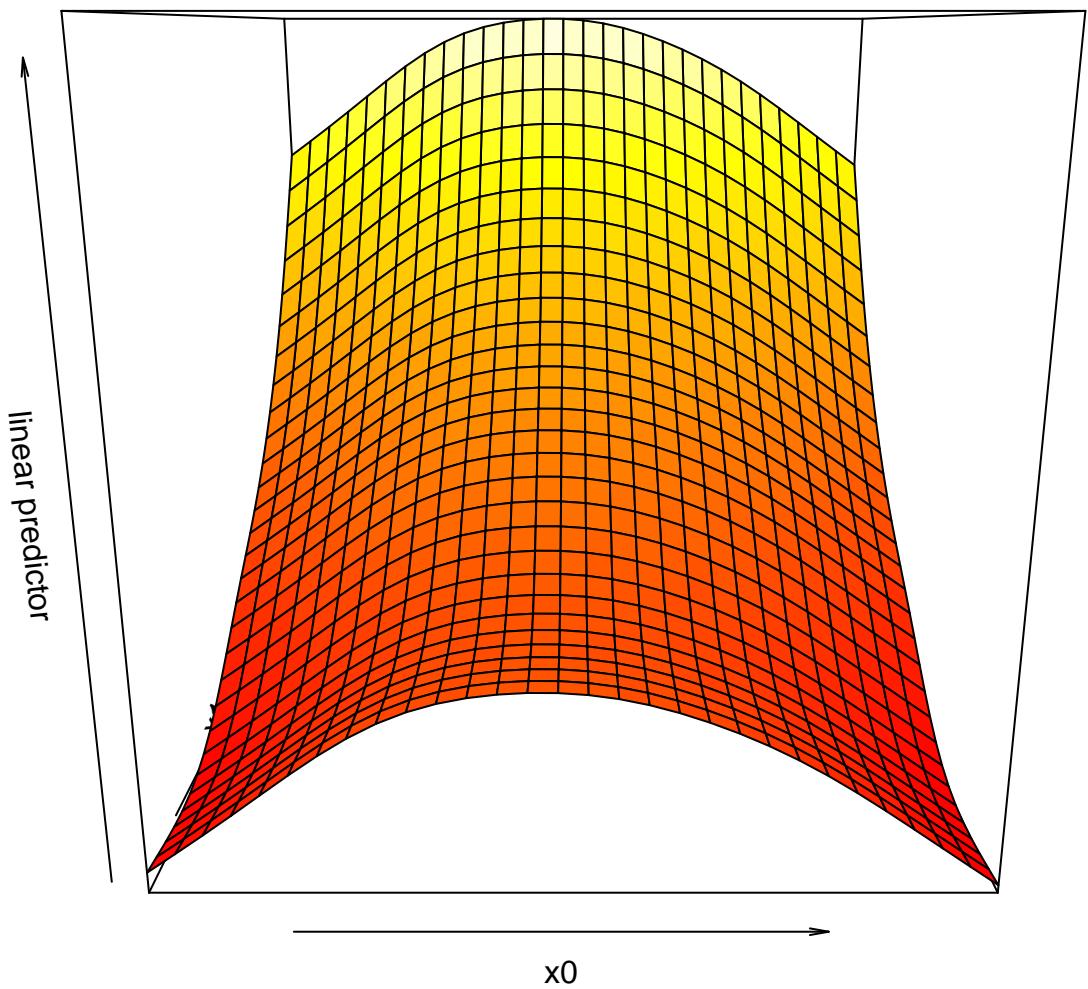


help("gamm")

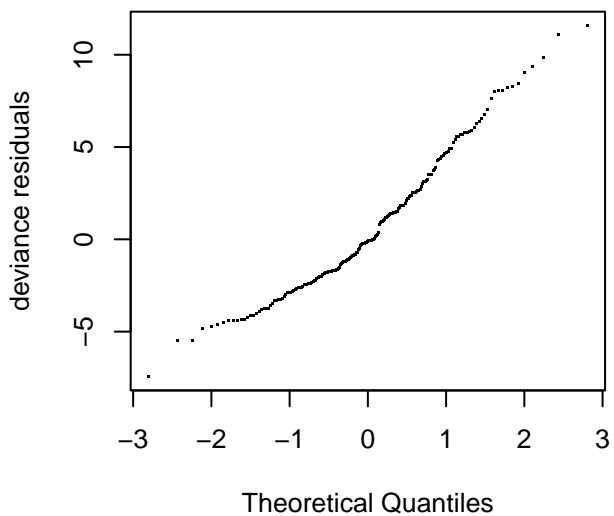


help("gamm")

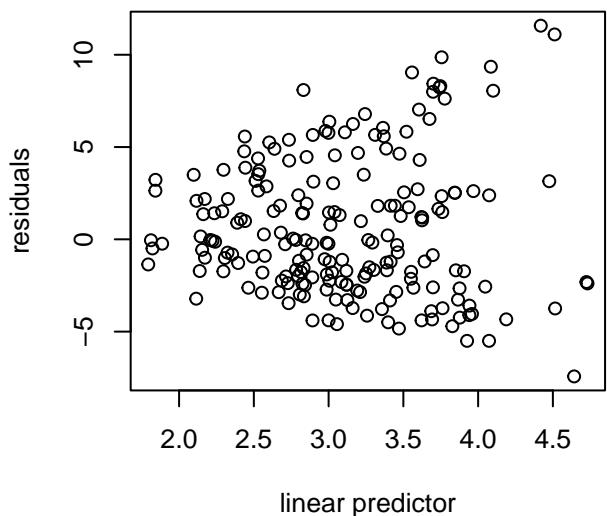
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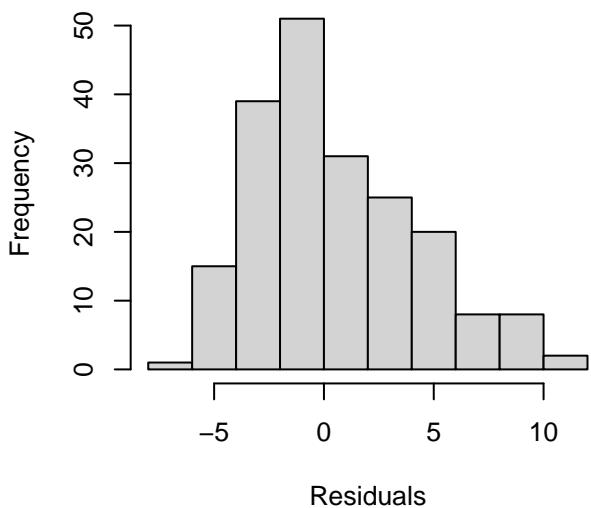
Normal Q–Q Plot



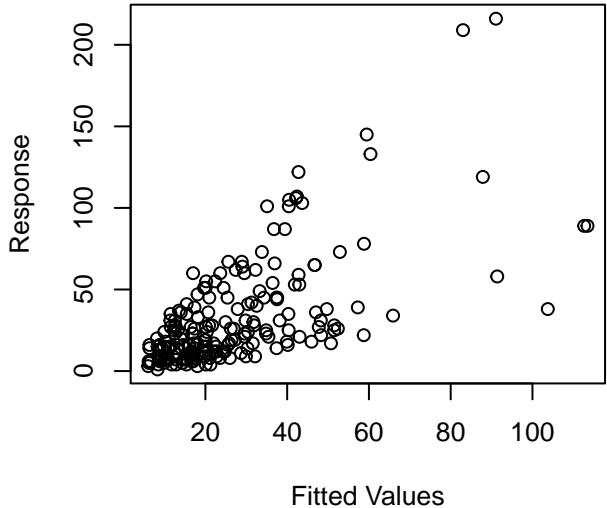
Resids vs. linear pred.



Histogram of residuals

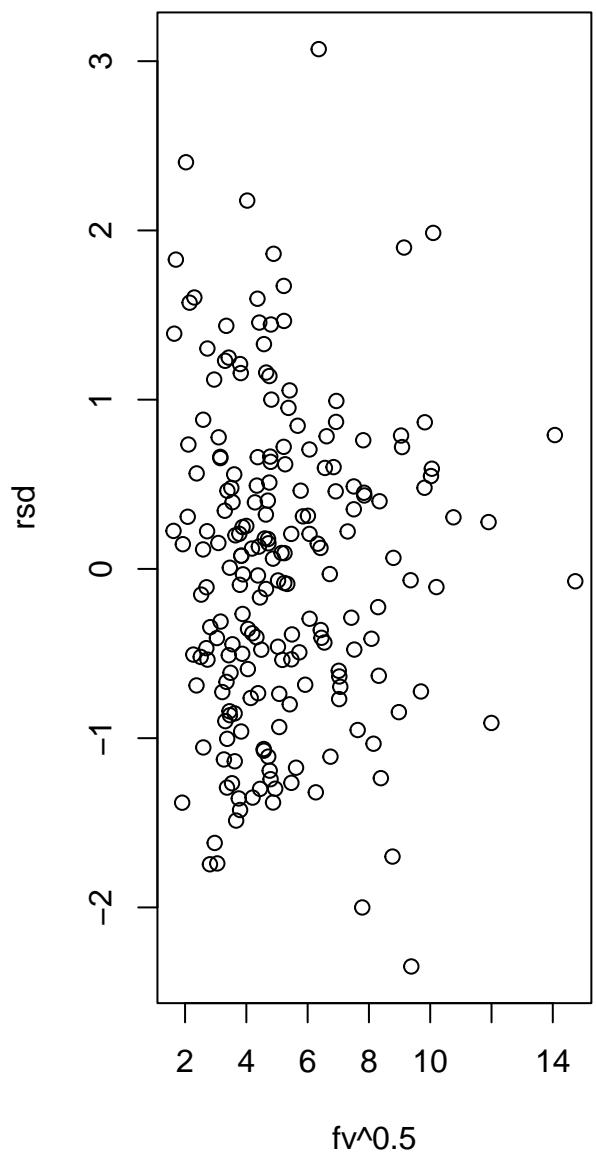
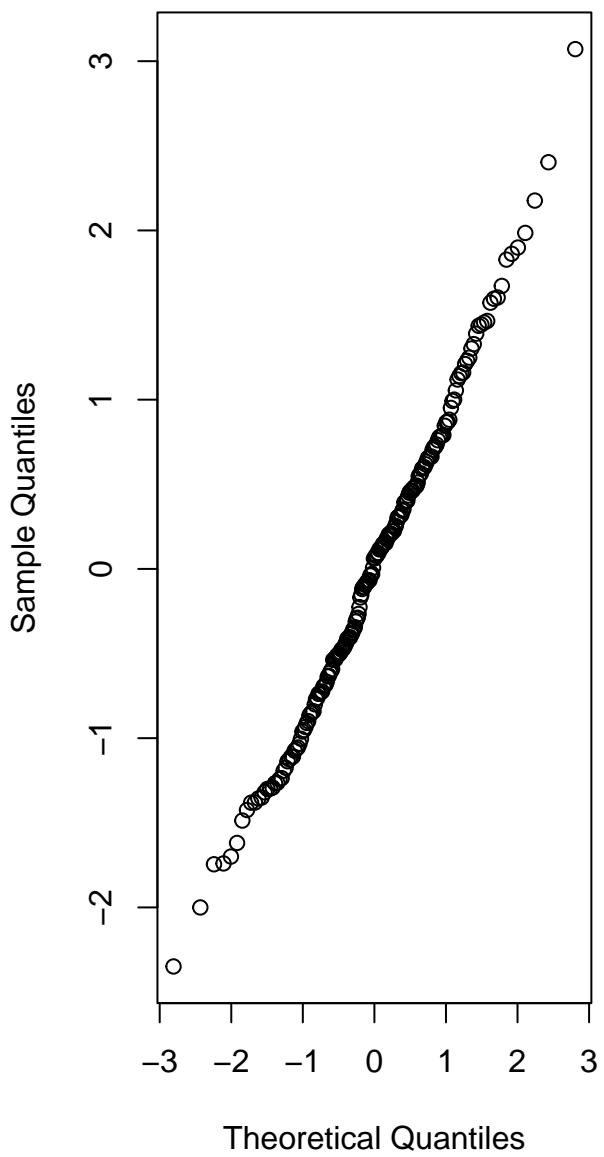


Response vs. Fitted Values



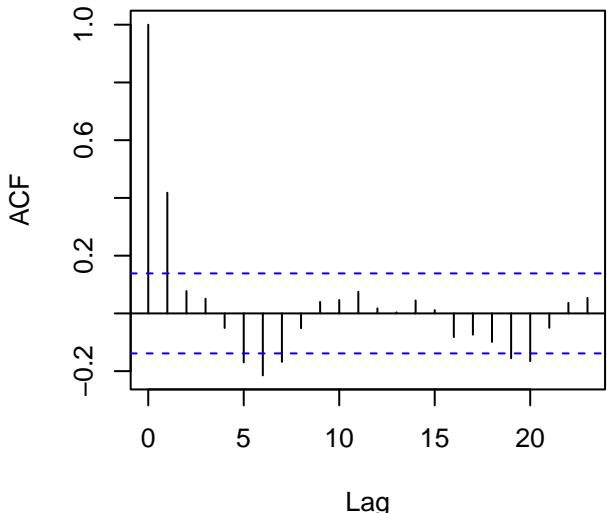
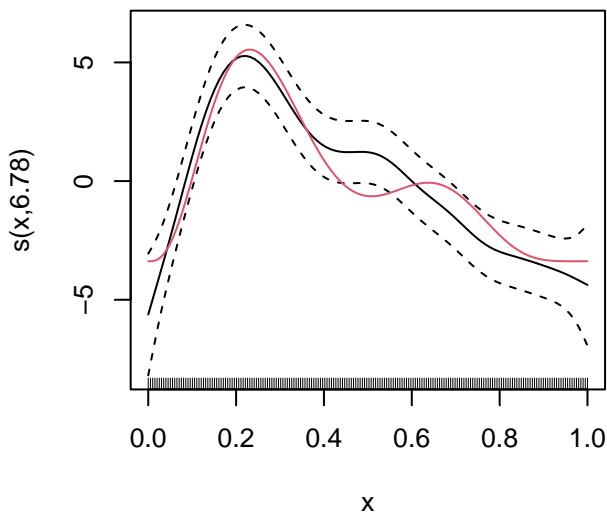
help("gamm")

Normal Q-Q Plot

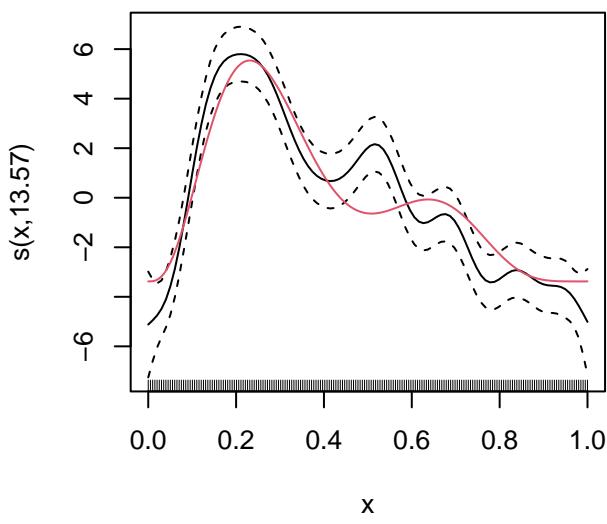
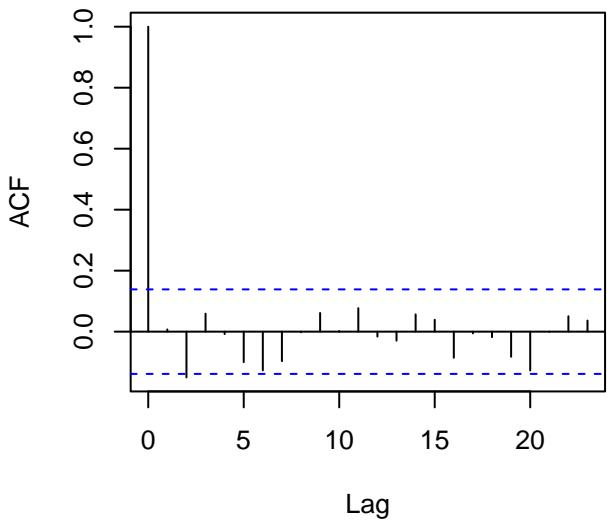


help("gamm")

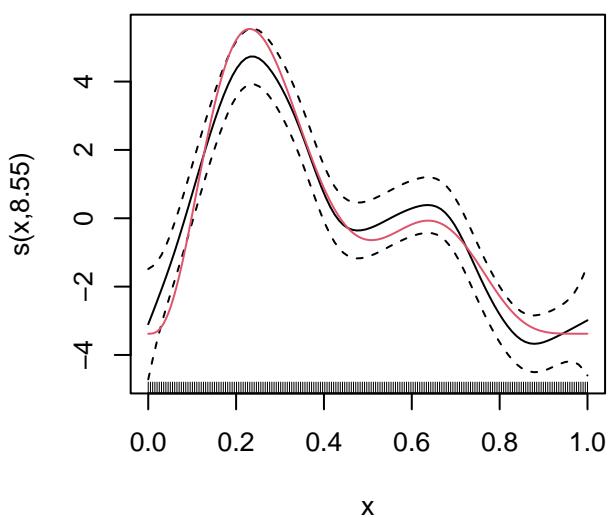
raw residual ACF

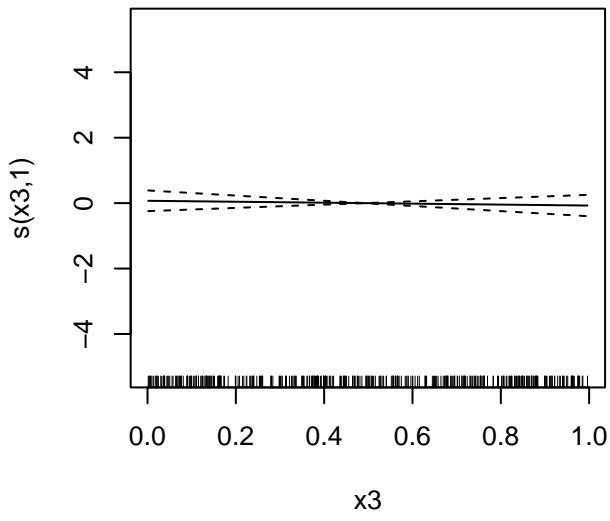
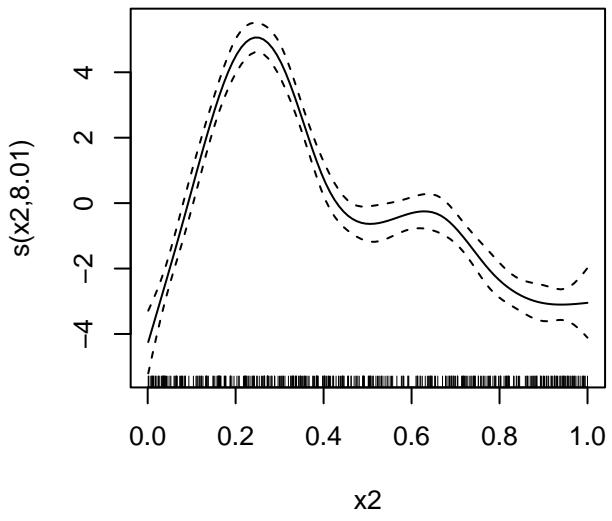
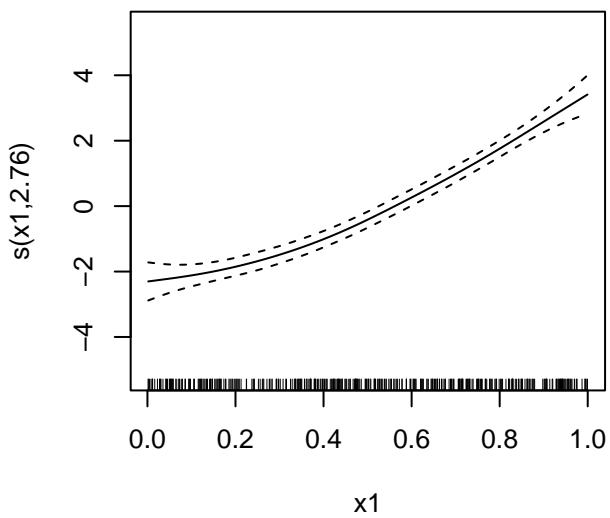
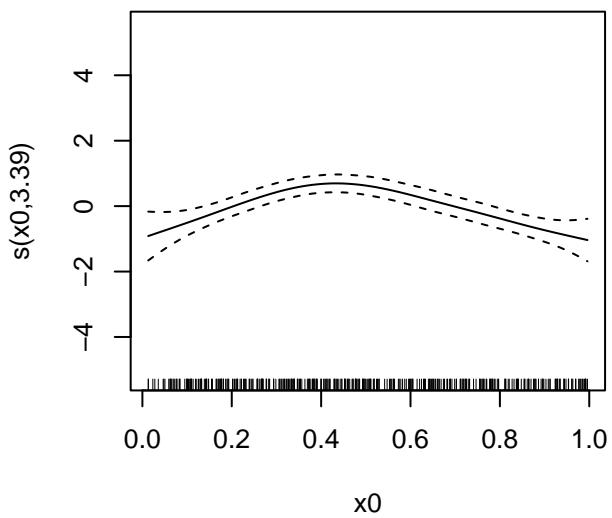


standardized residual ACF



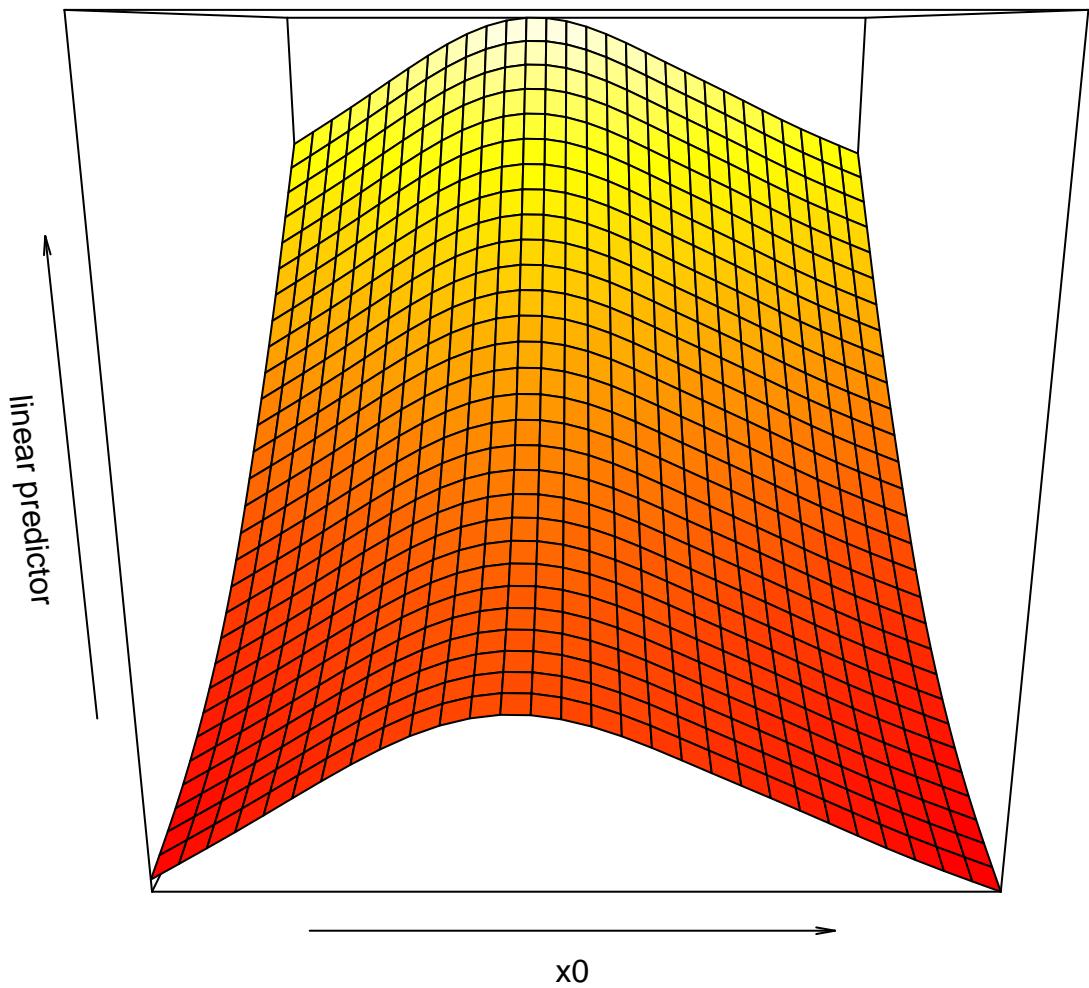
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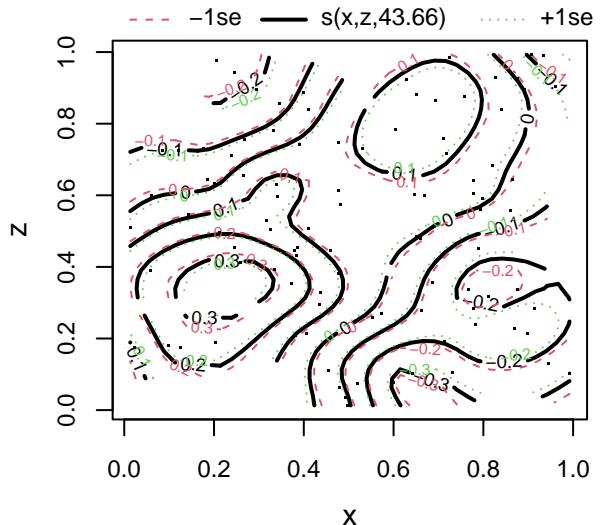
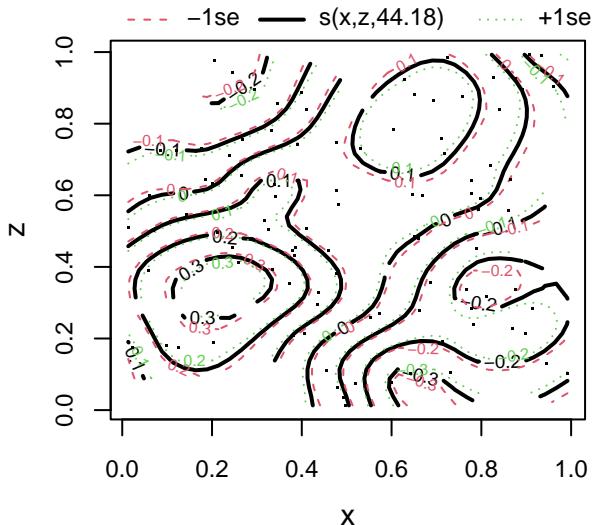
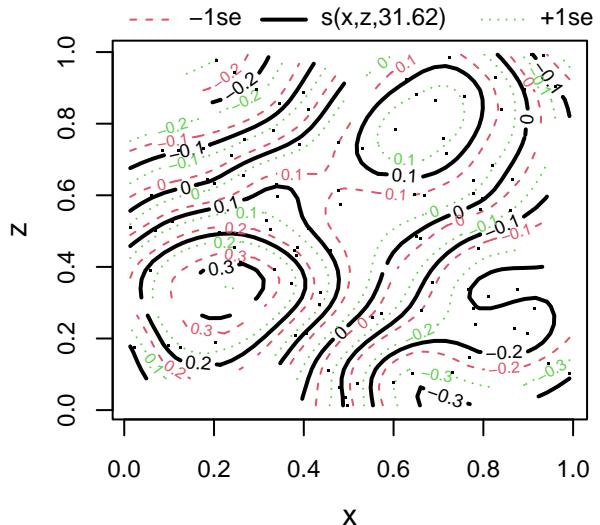
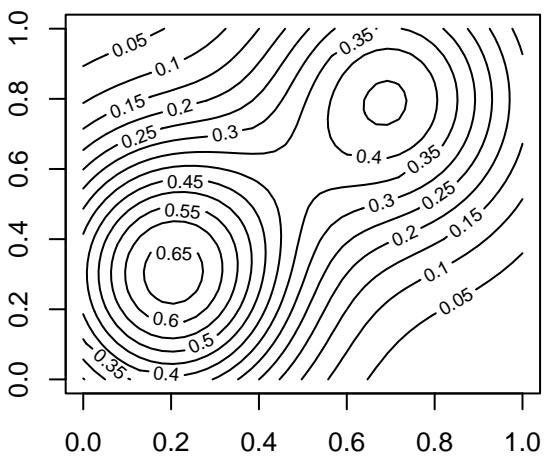




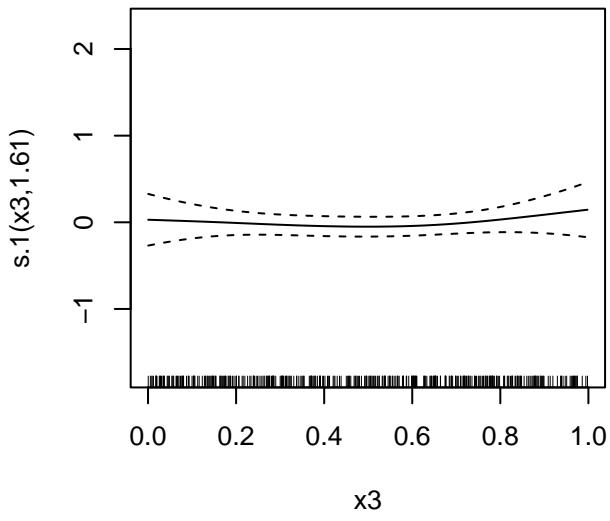
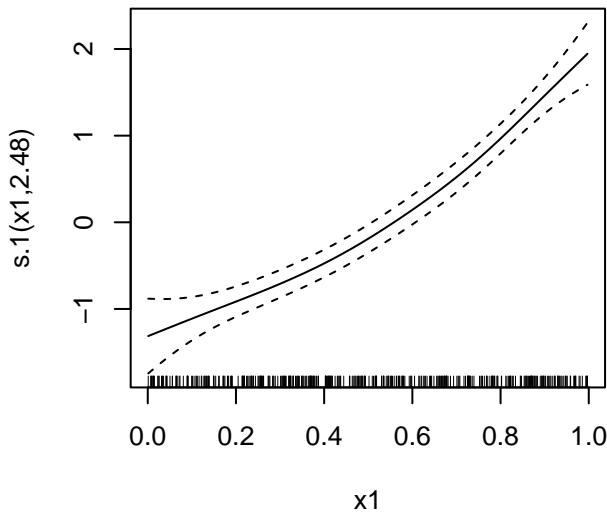
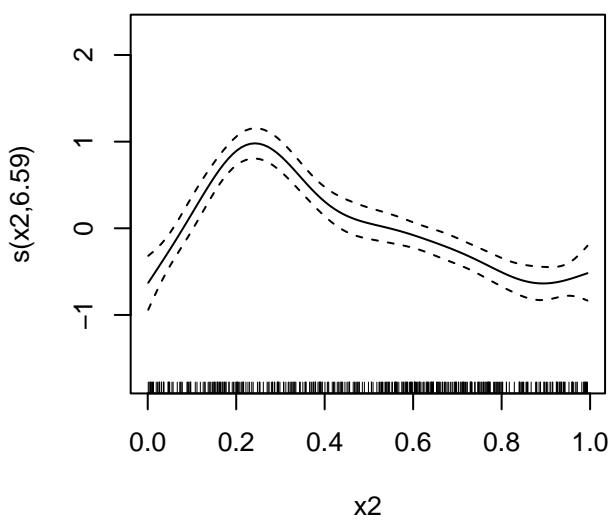
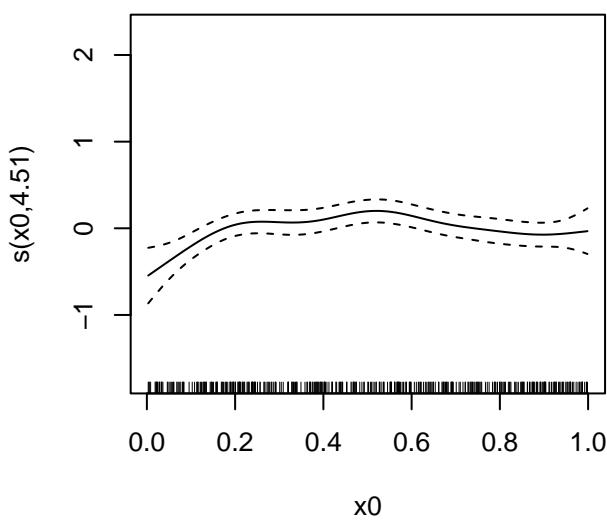
help("gamm")

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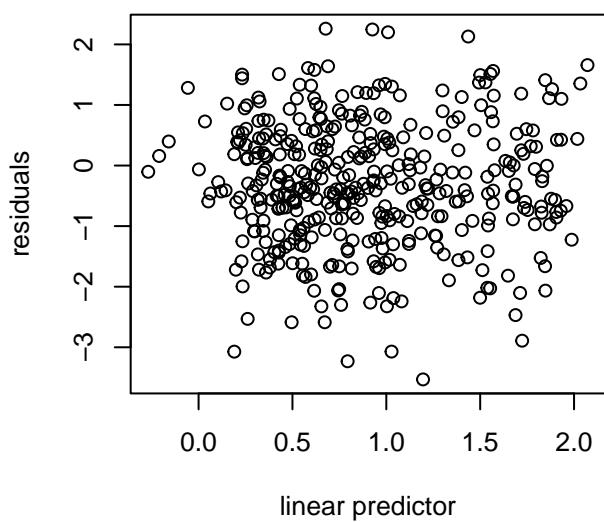
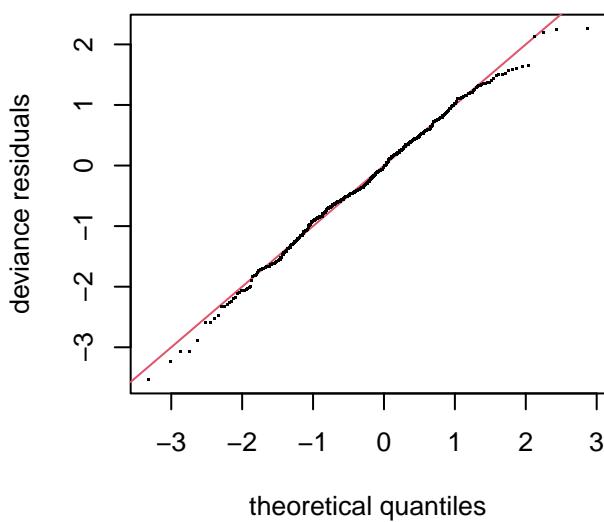


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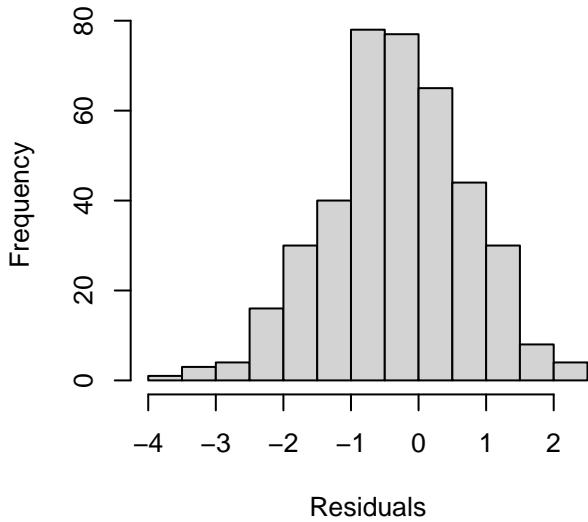


help("gammals")

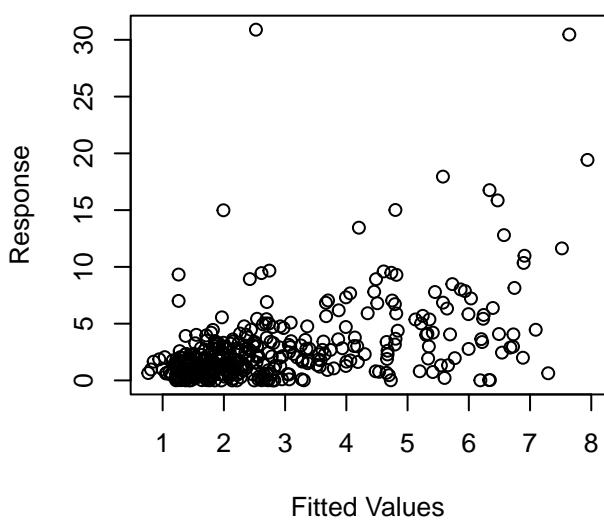
Resids vs. linear pred.



Histogram of residuals



Response vs. Fitted Values



help("gammals")

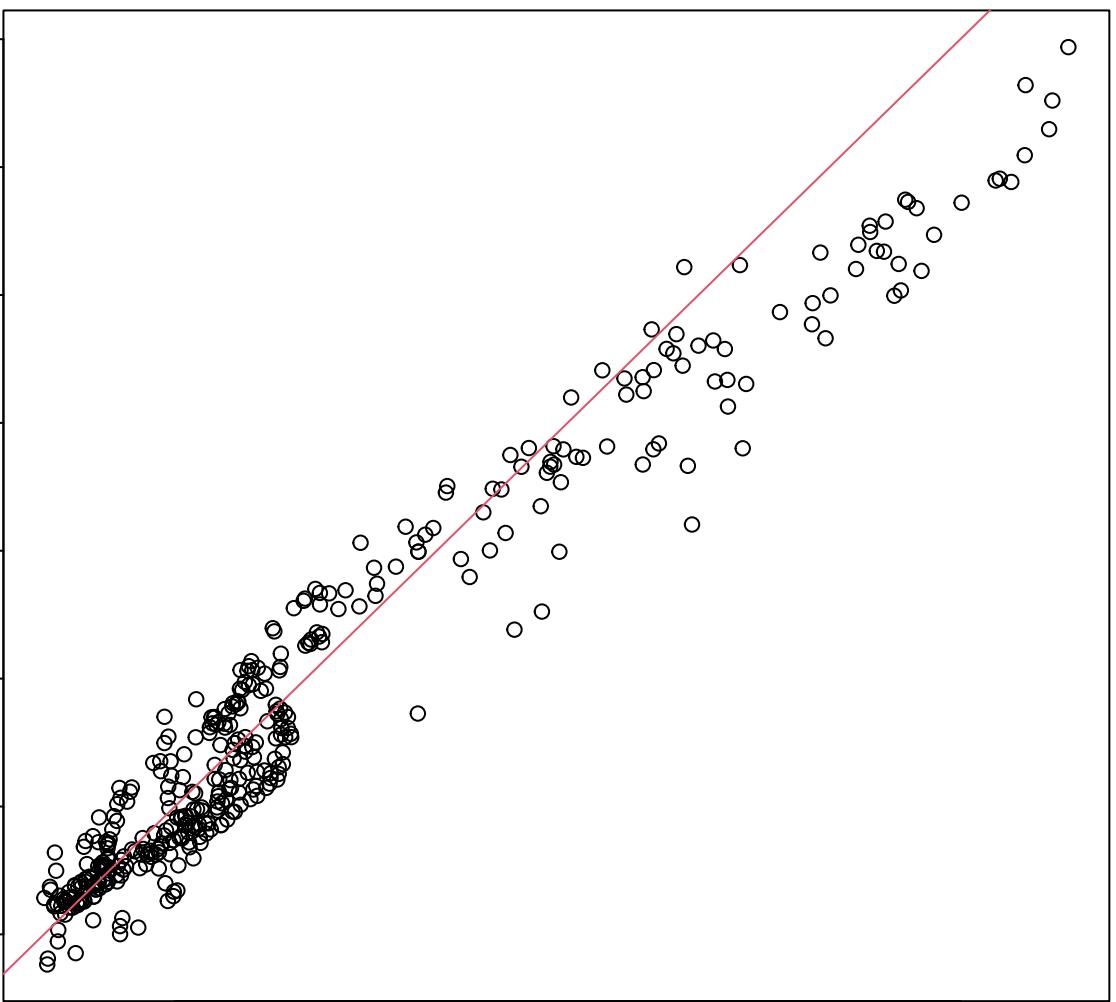
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8
7
6
5
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3
2
1

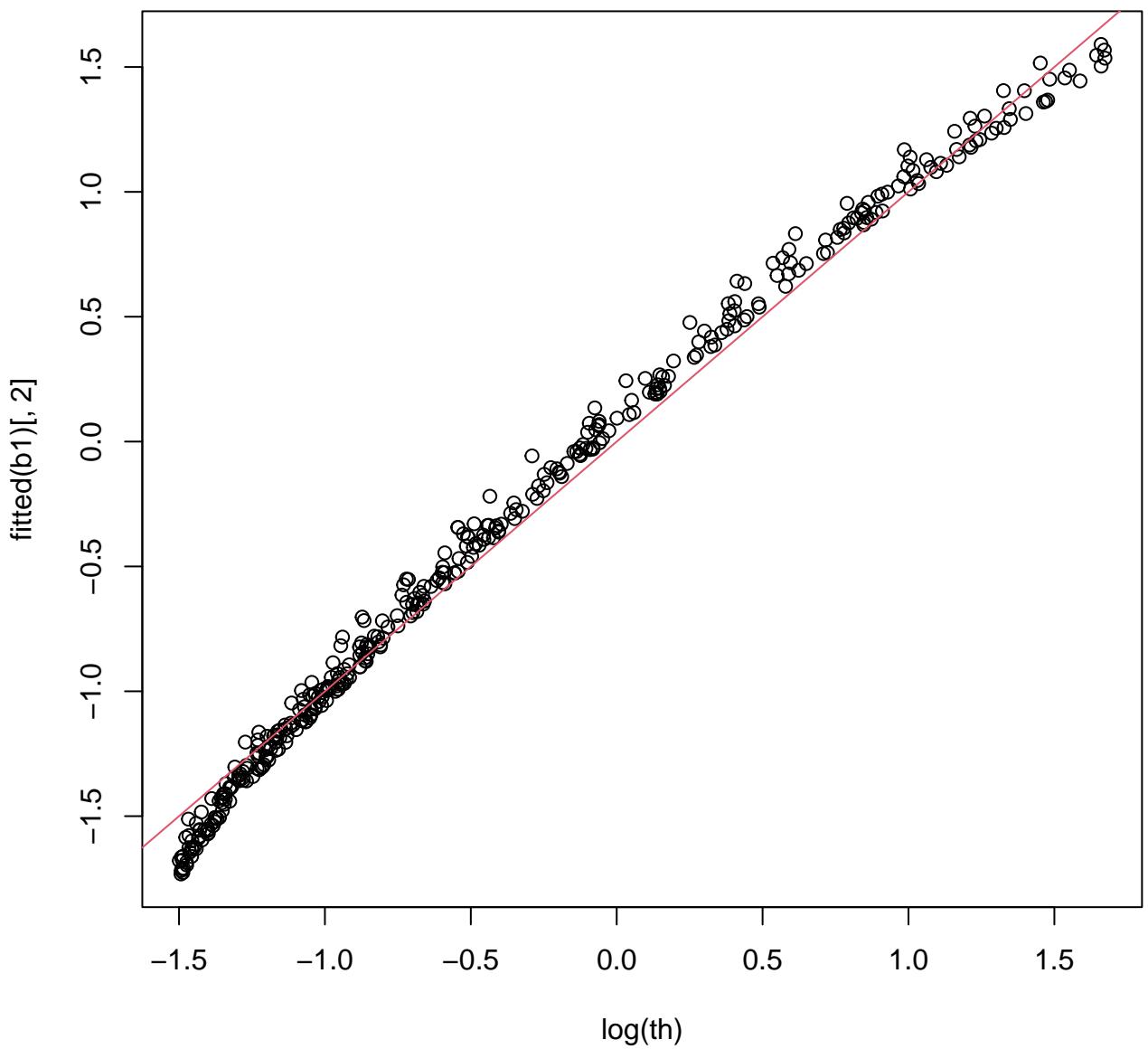
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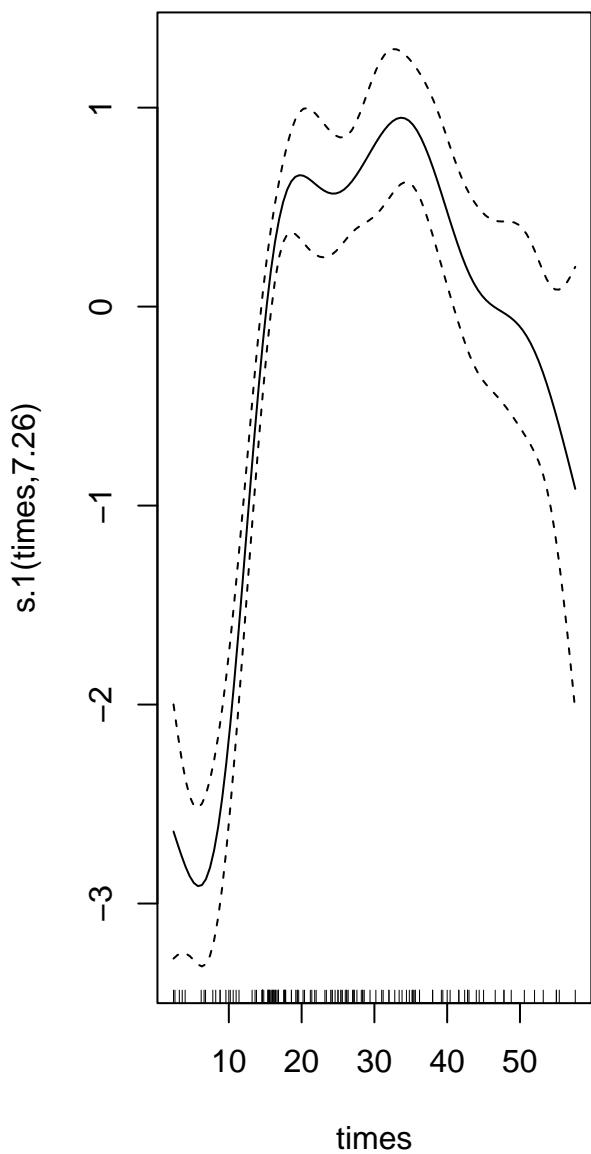
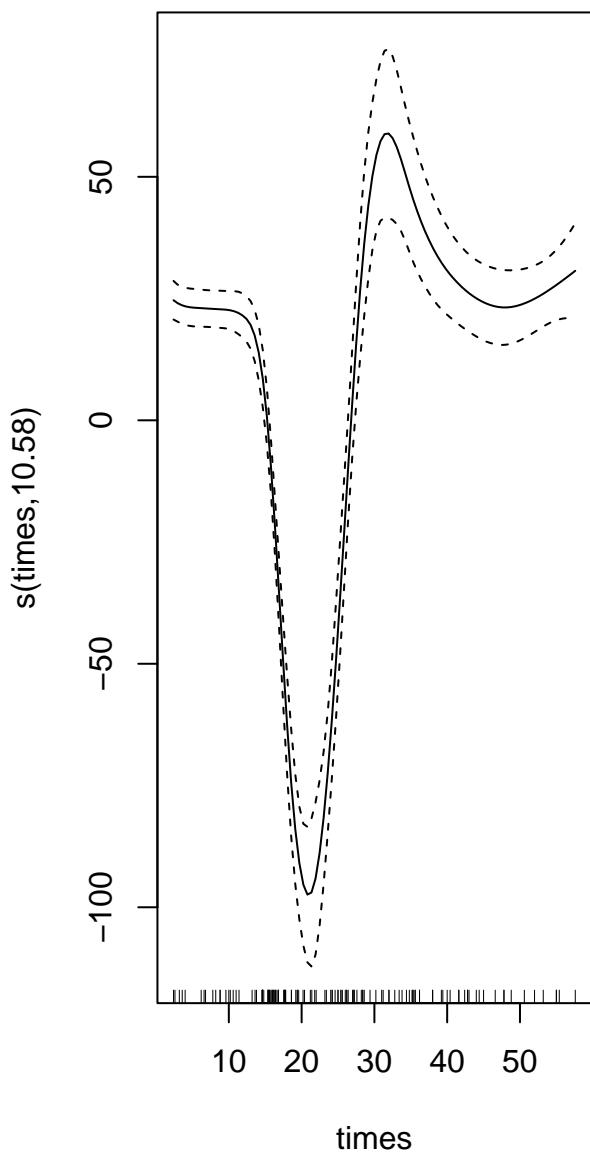
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help("gammals")

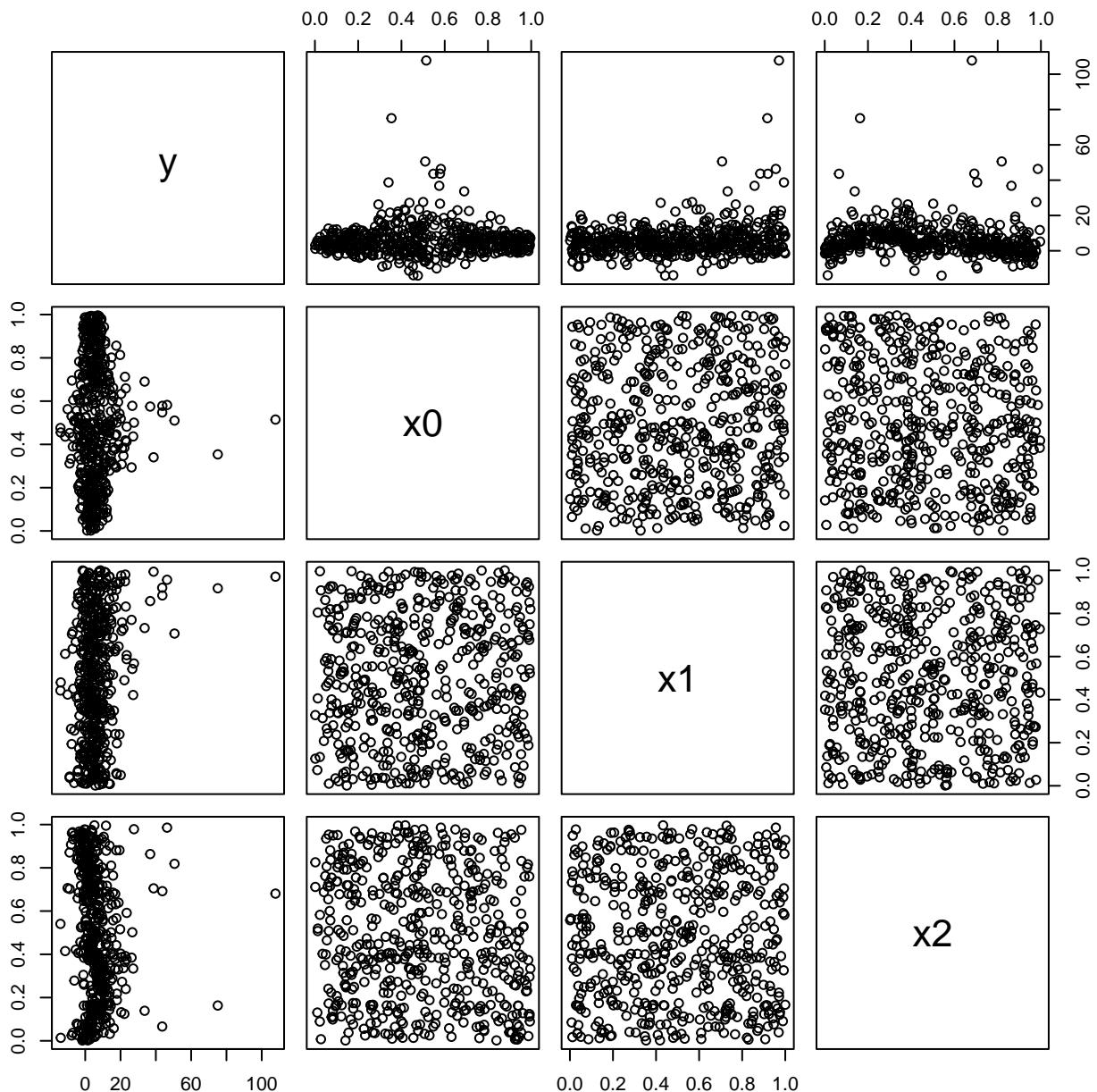


help("gammas")

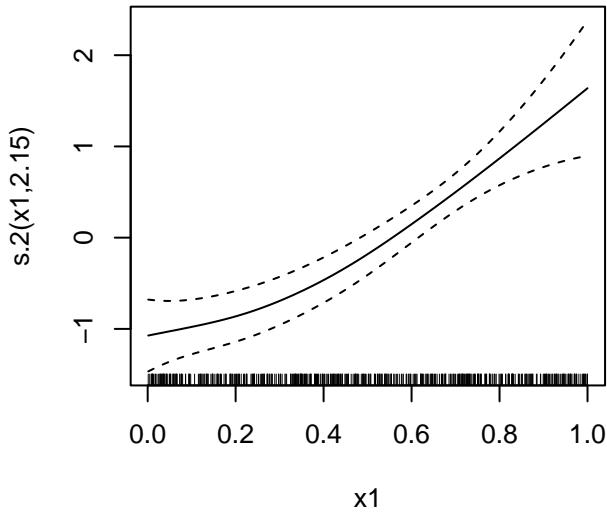
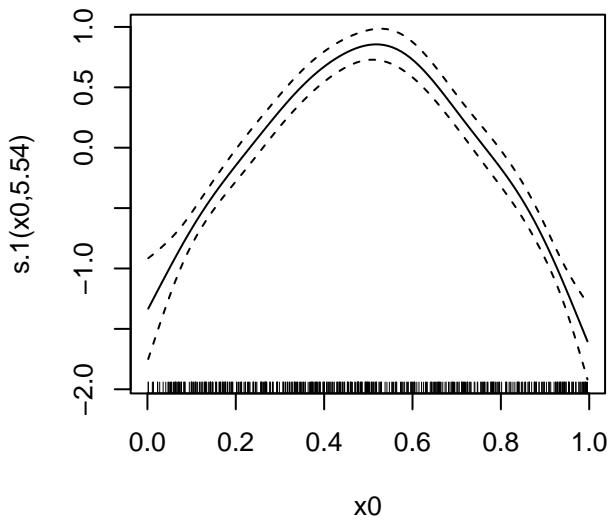
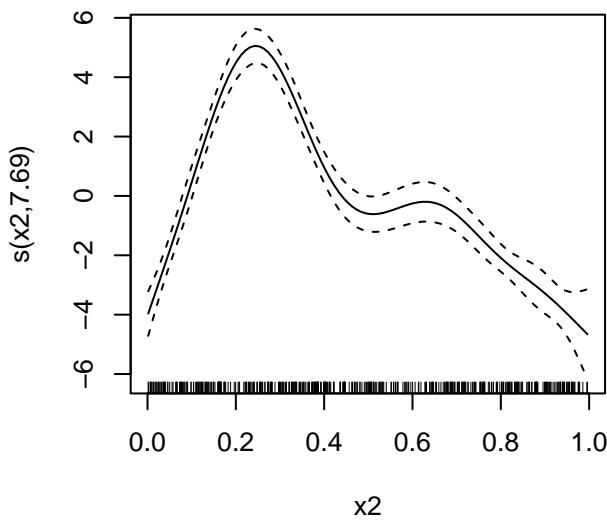




help("gauss")

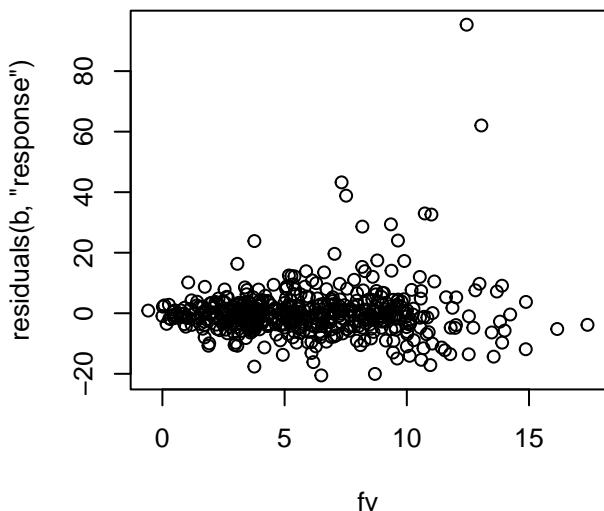
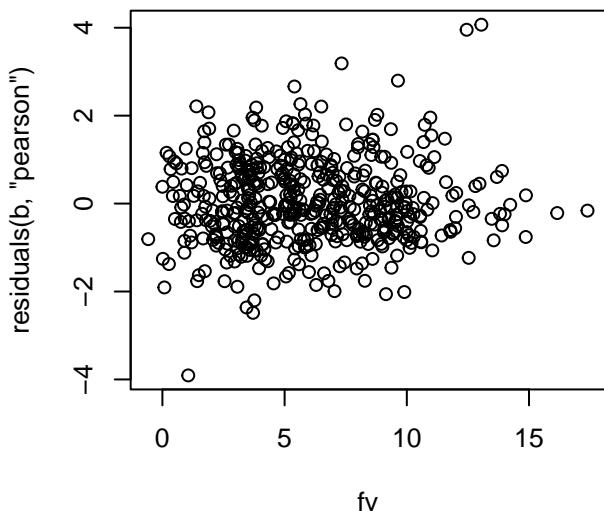
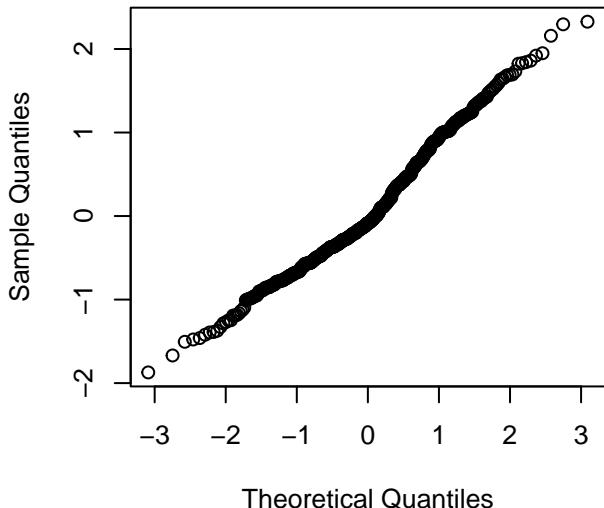
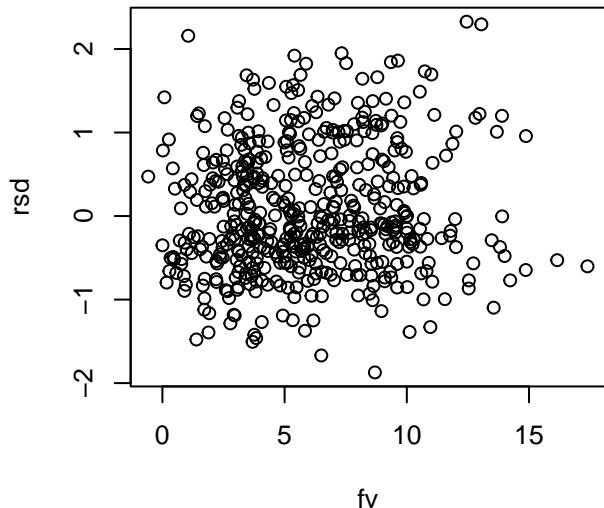


help("geviss")



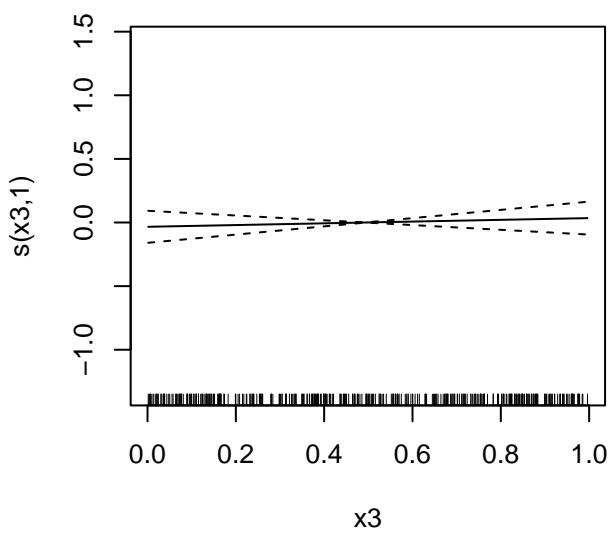
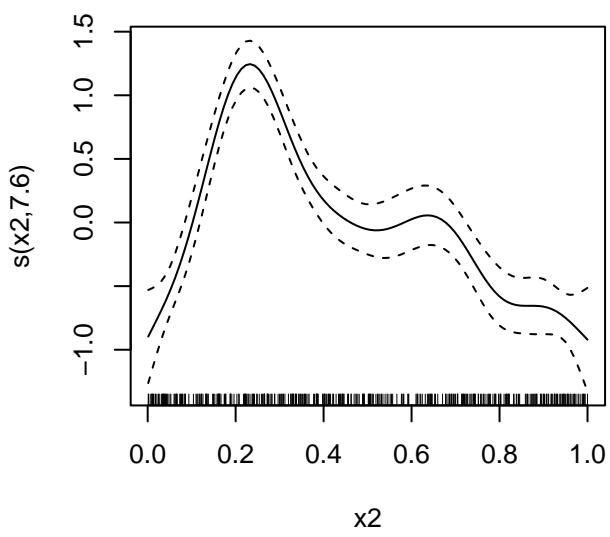
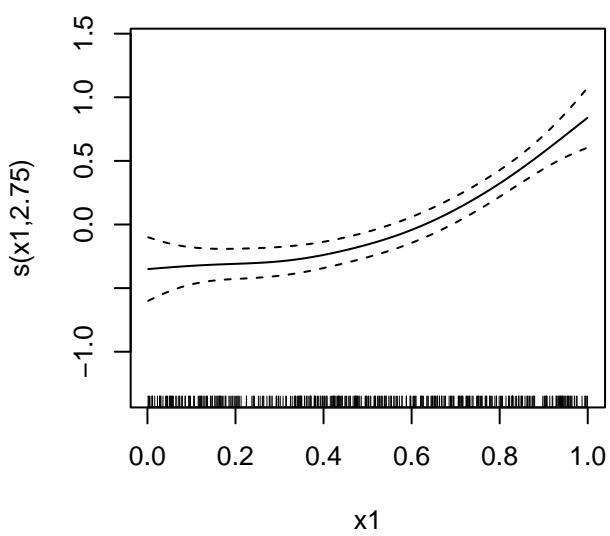
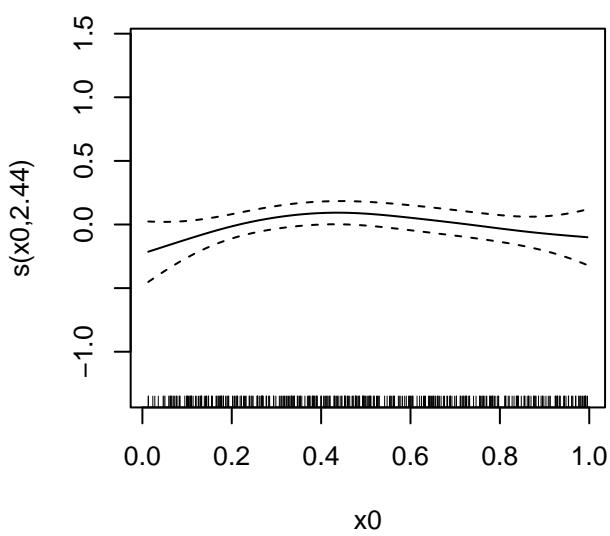
help("geviss")

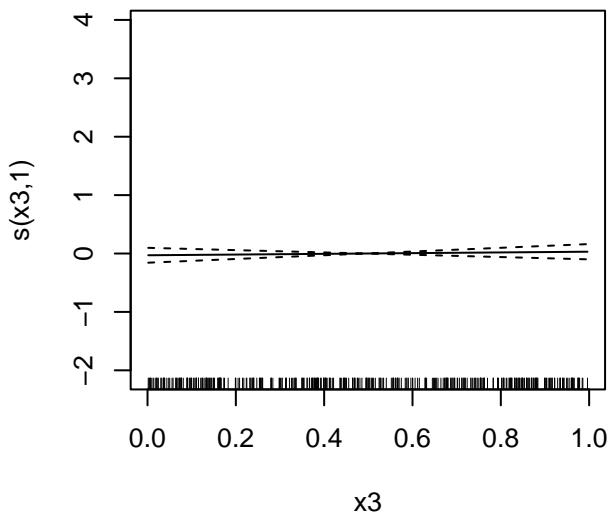
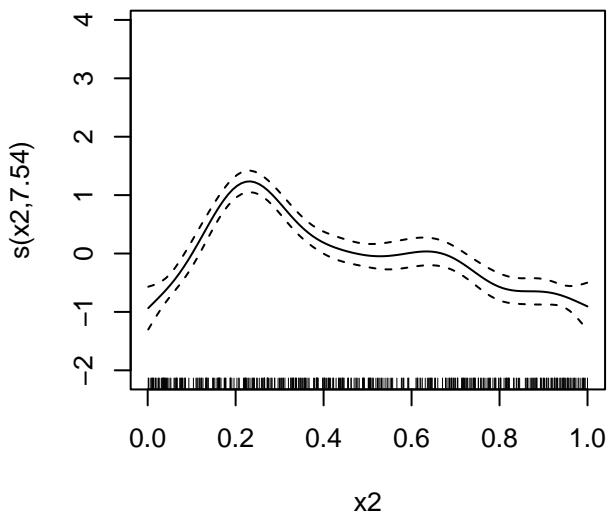
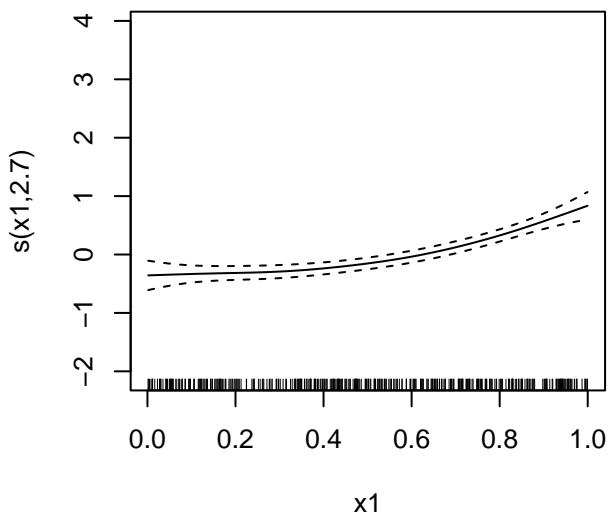
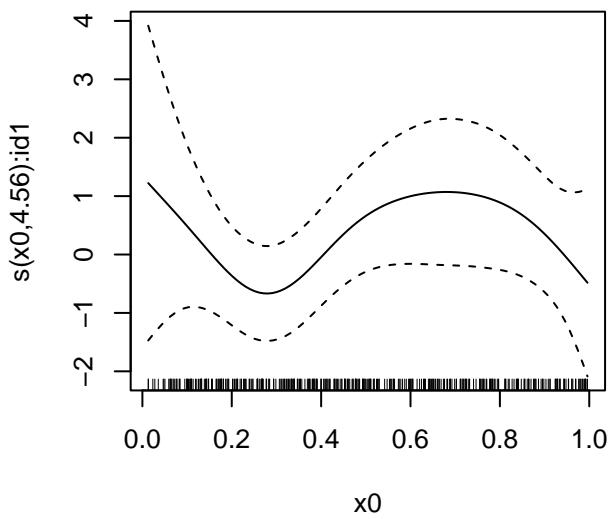
Normal Q-Q Plot



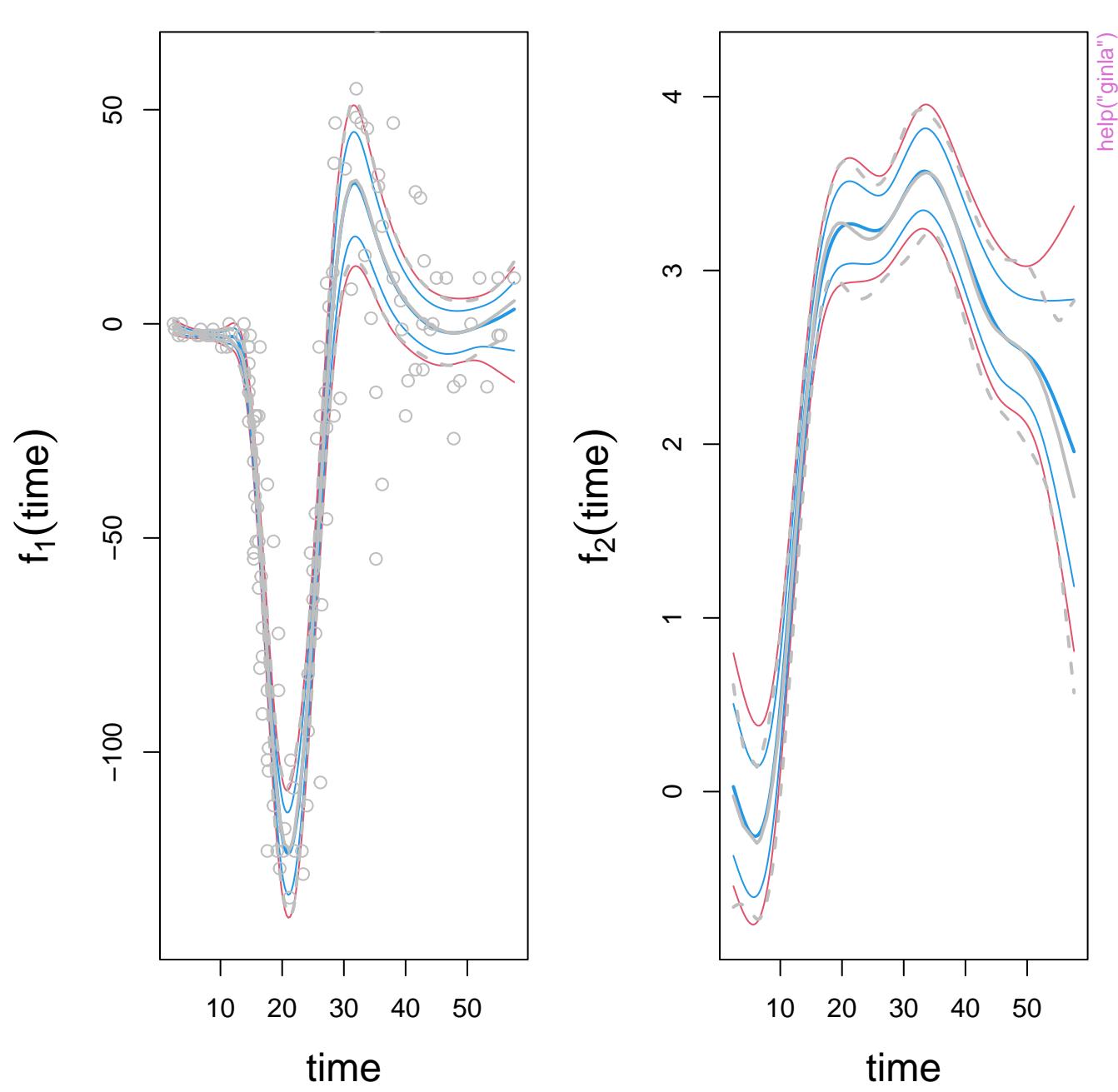
help("geviss")

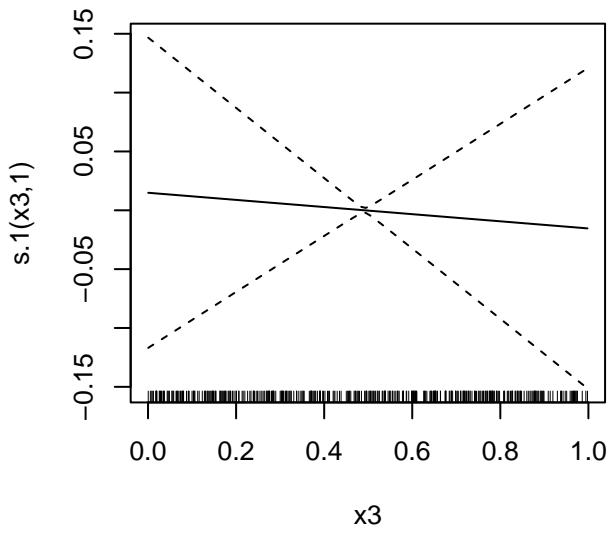
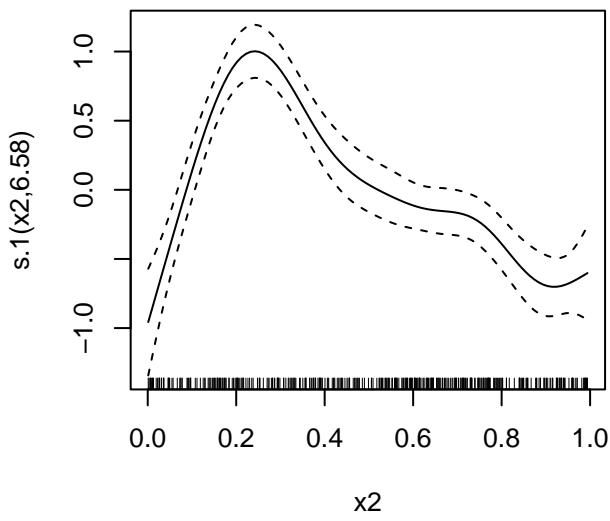
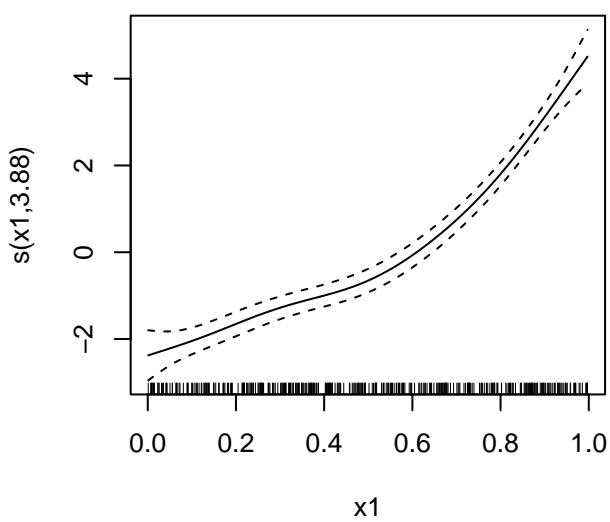
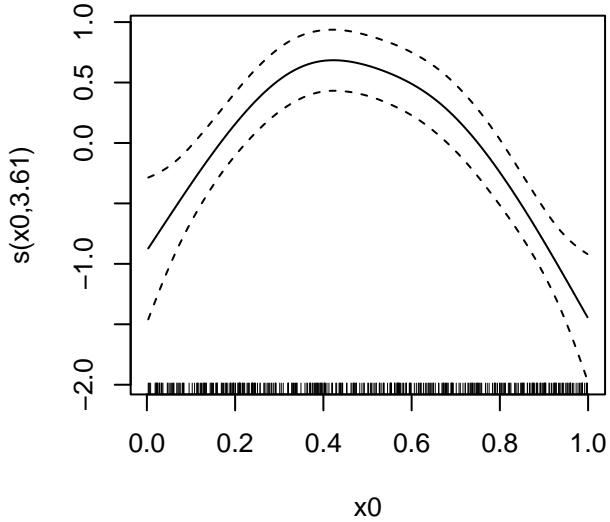
help("gfam")





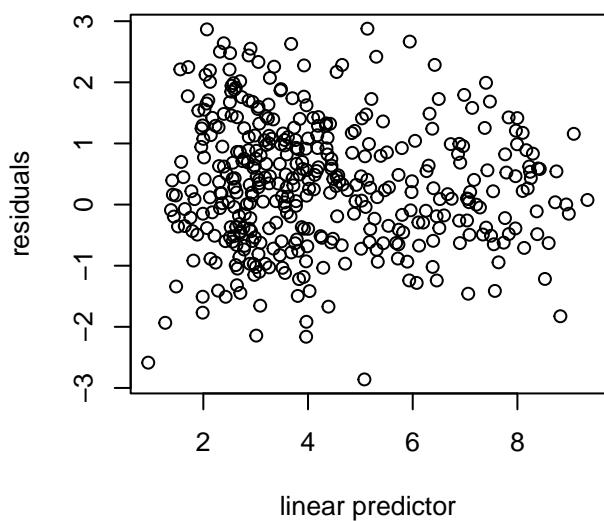
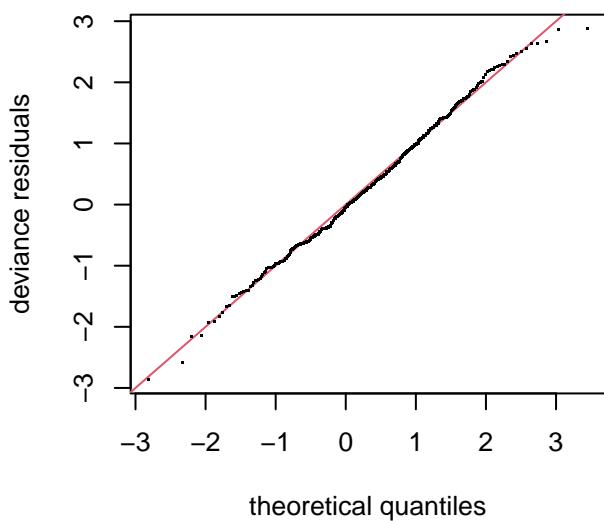
help("gfam")



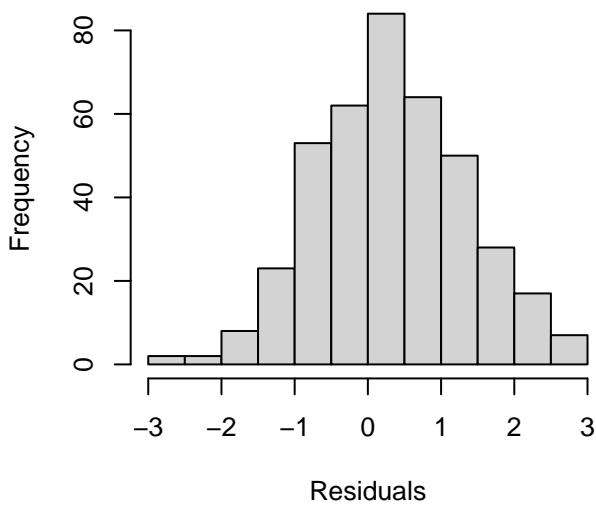


help("gumbels")

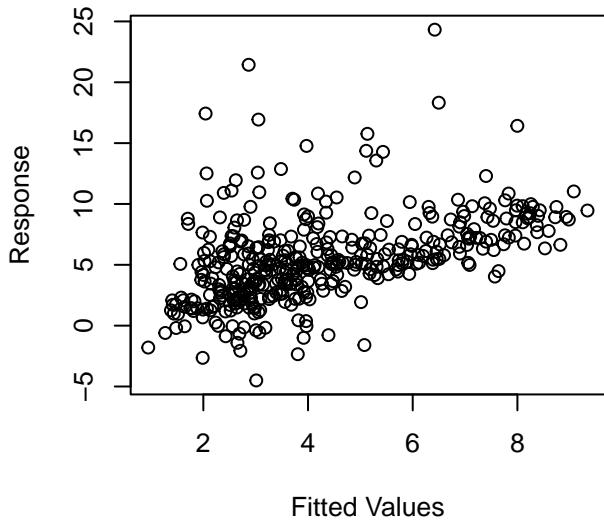
Resids vs. linear pred.



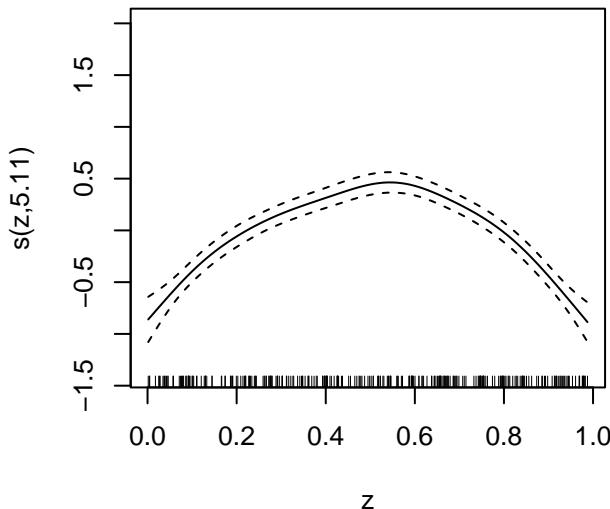
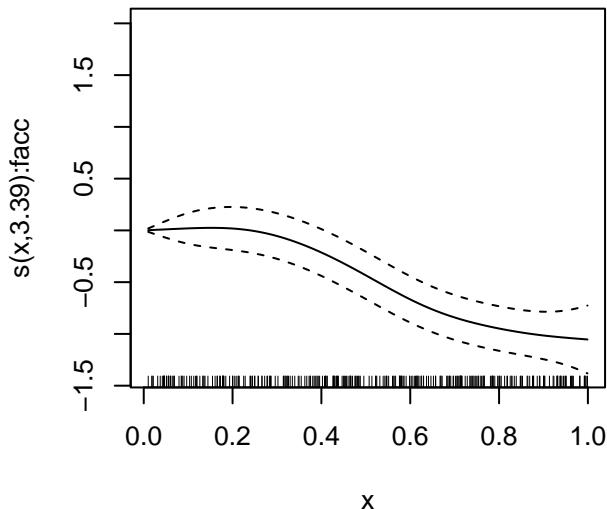
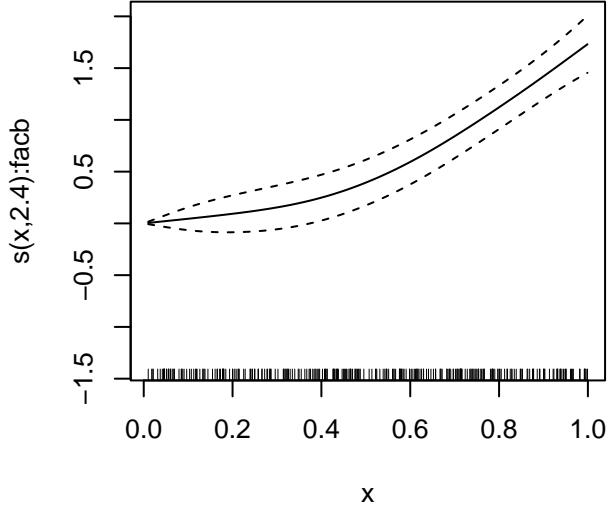
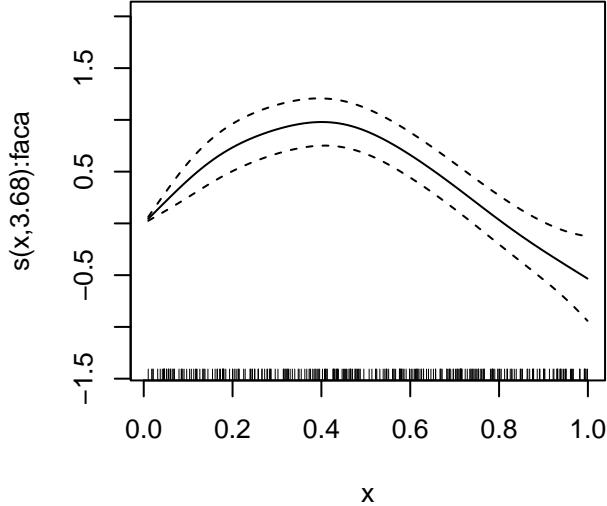
Histogram of residuals



Response vs. Fitted Values

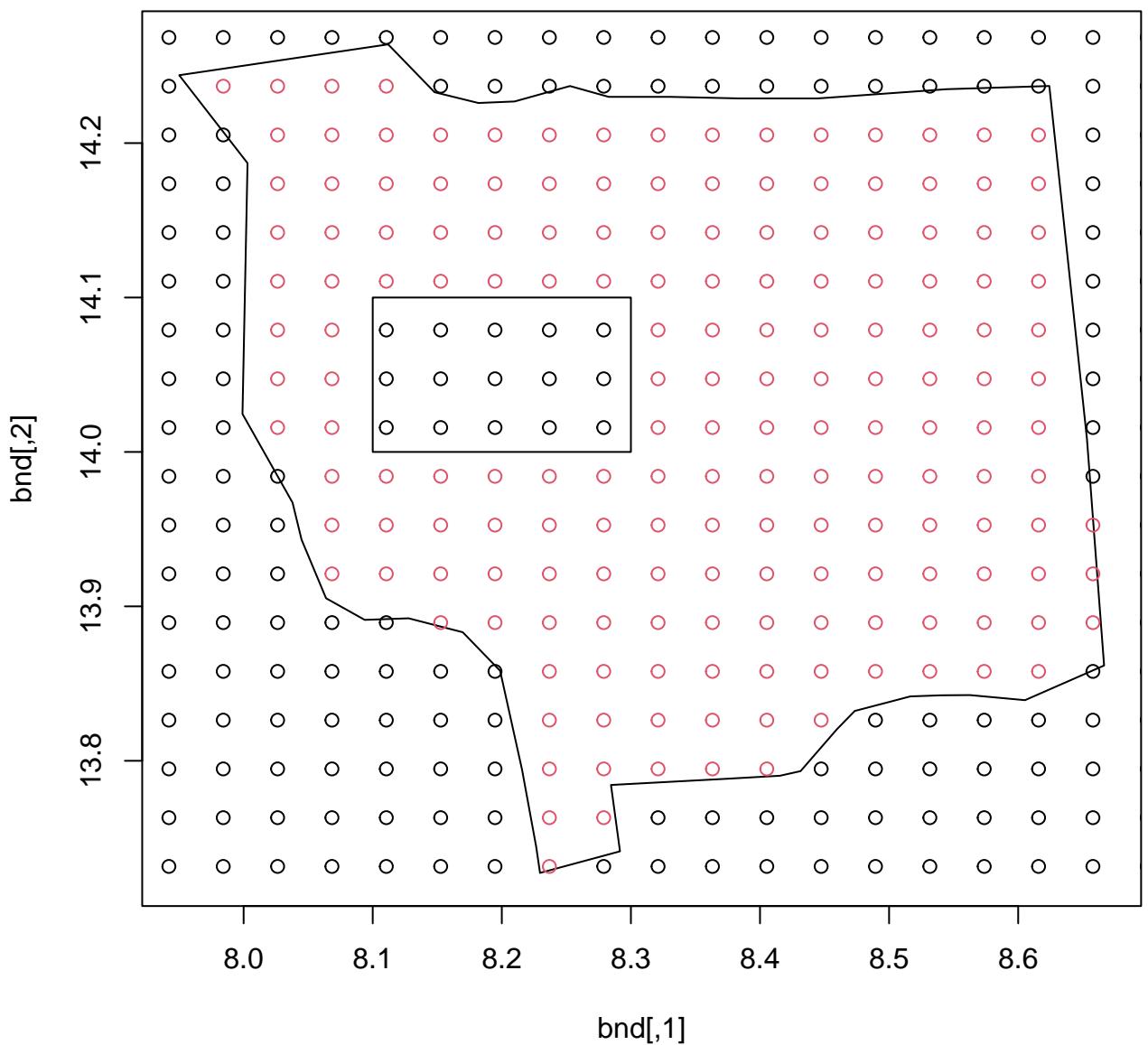


help("gumbels")

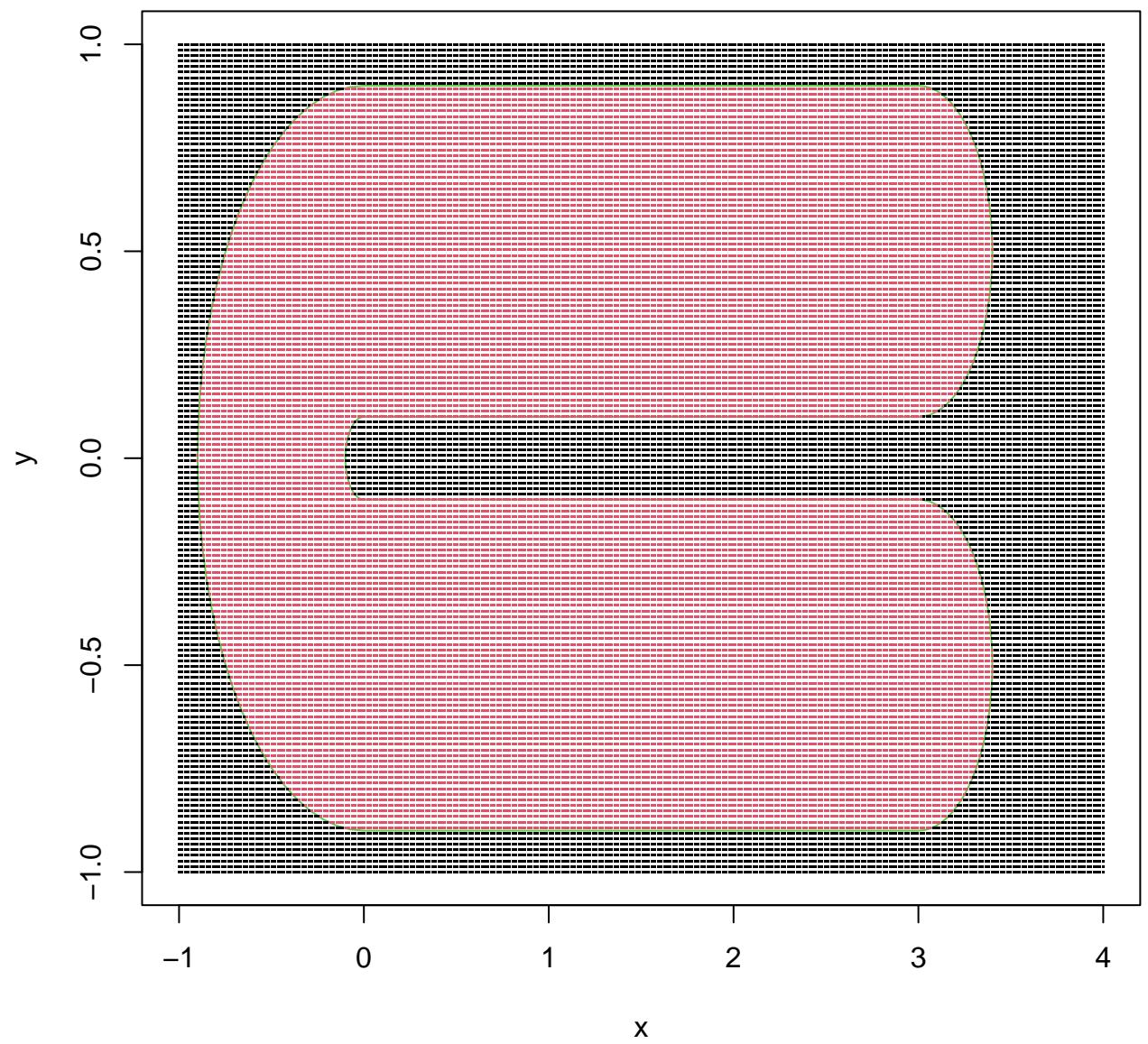


help("identifiability")

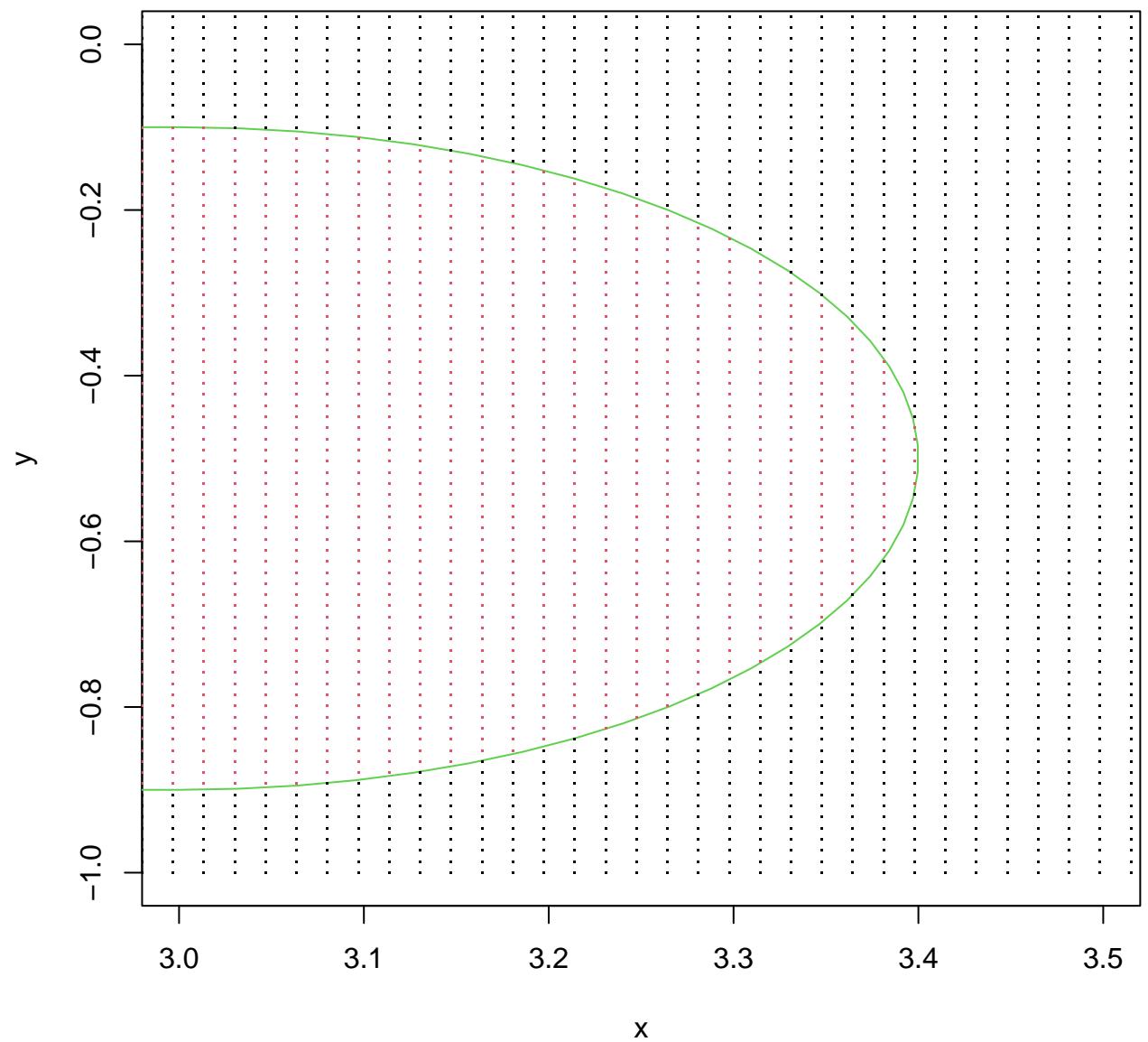
help("in.out")

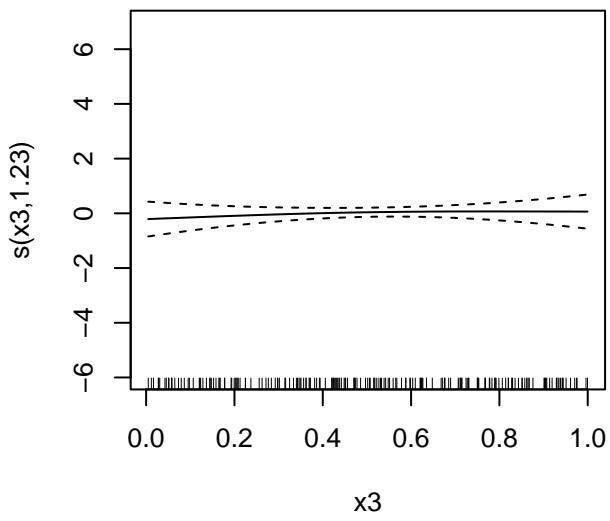
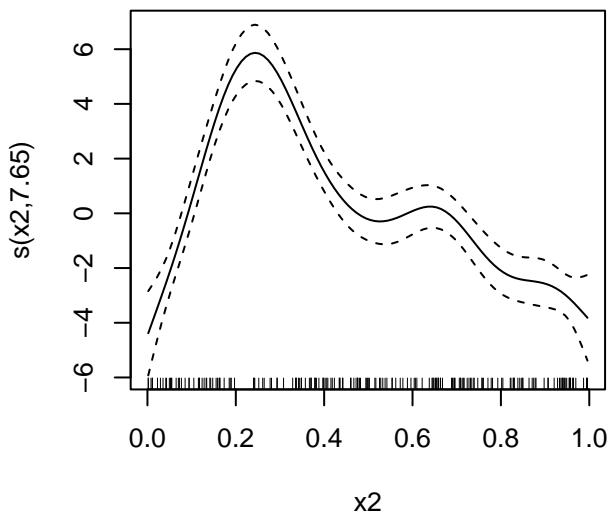
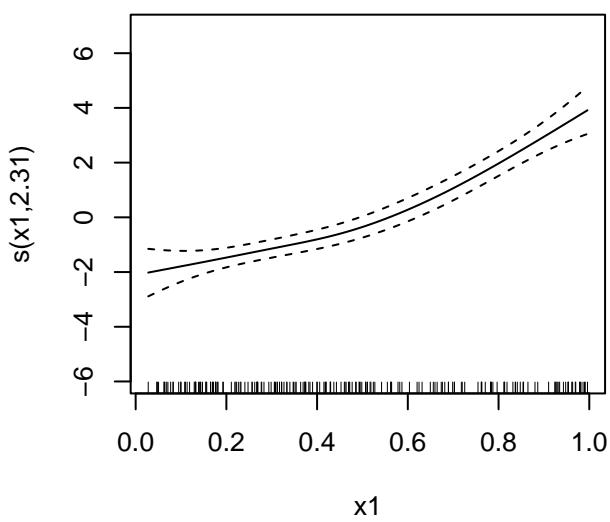
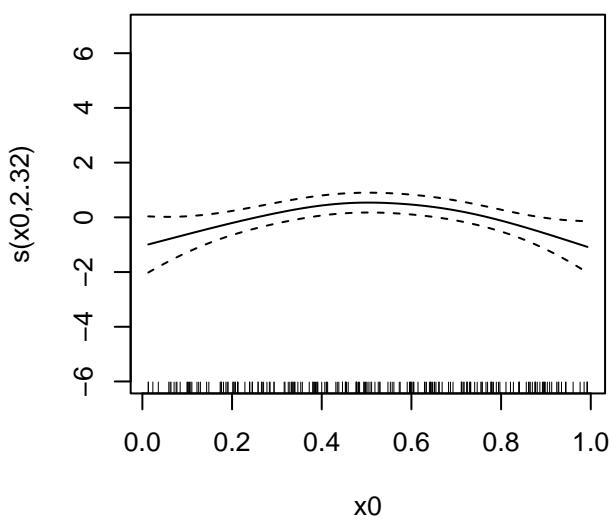


help("inSide")



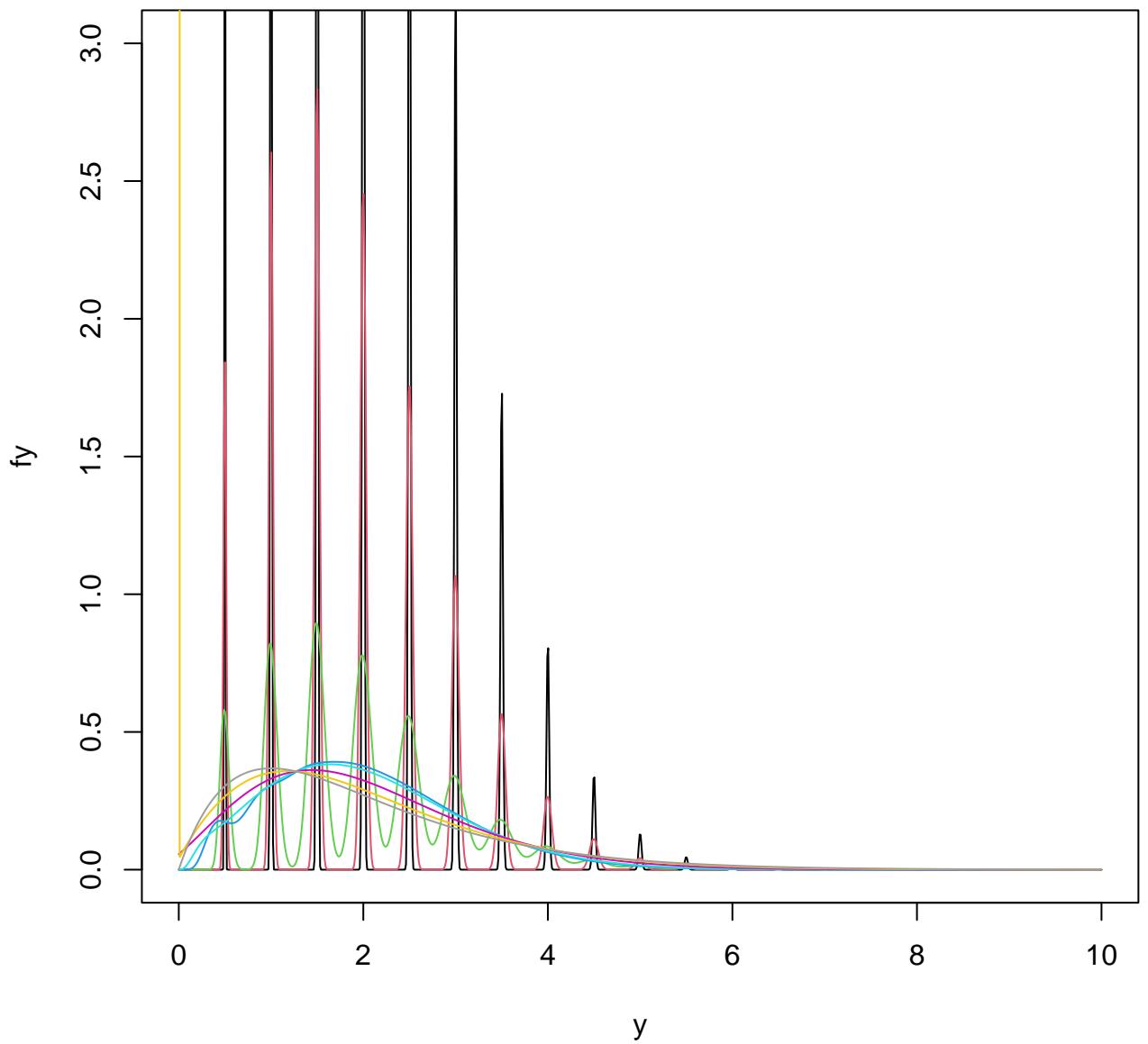
help("inSide")





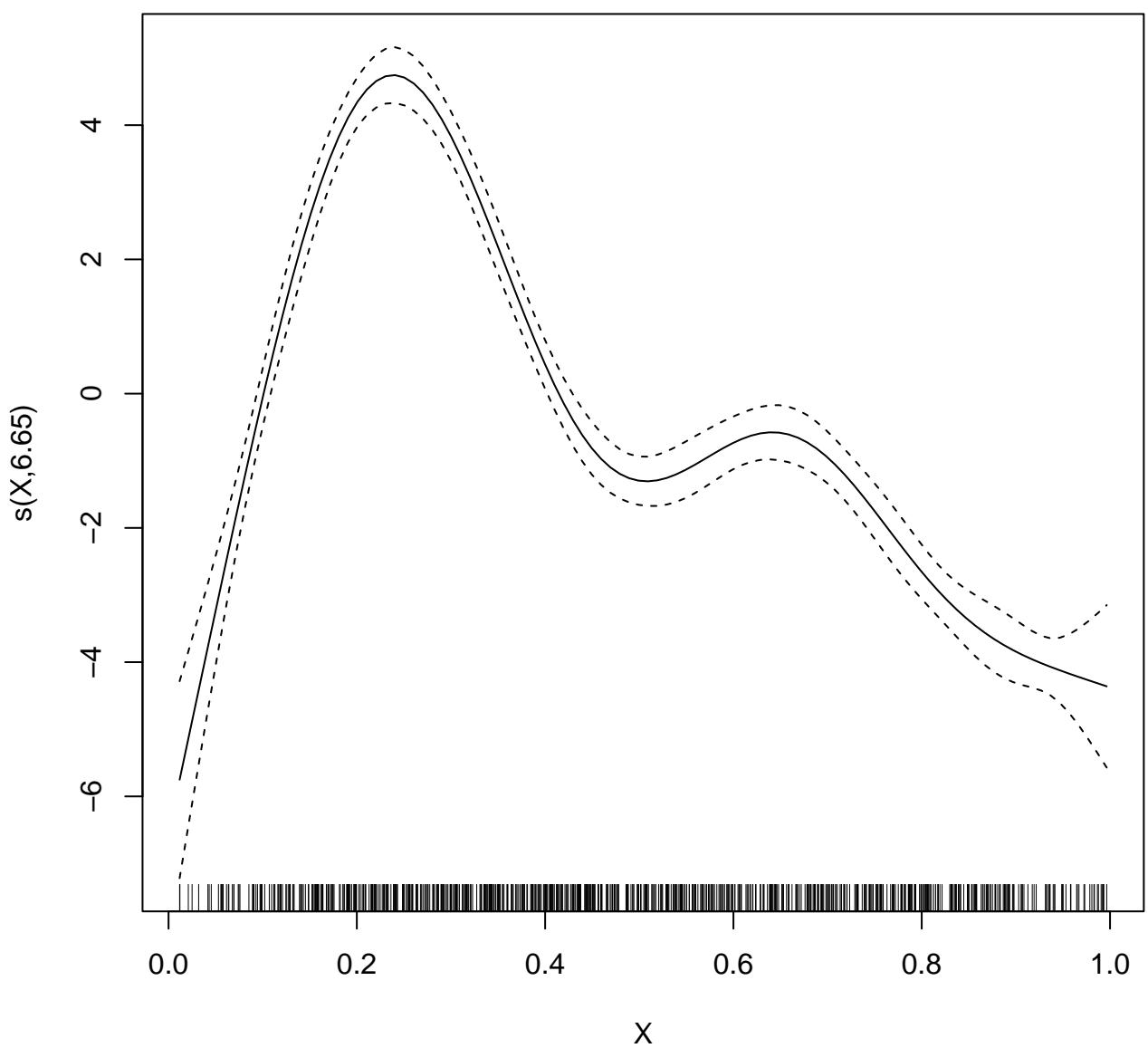
help("k.check")

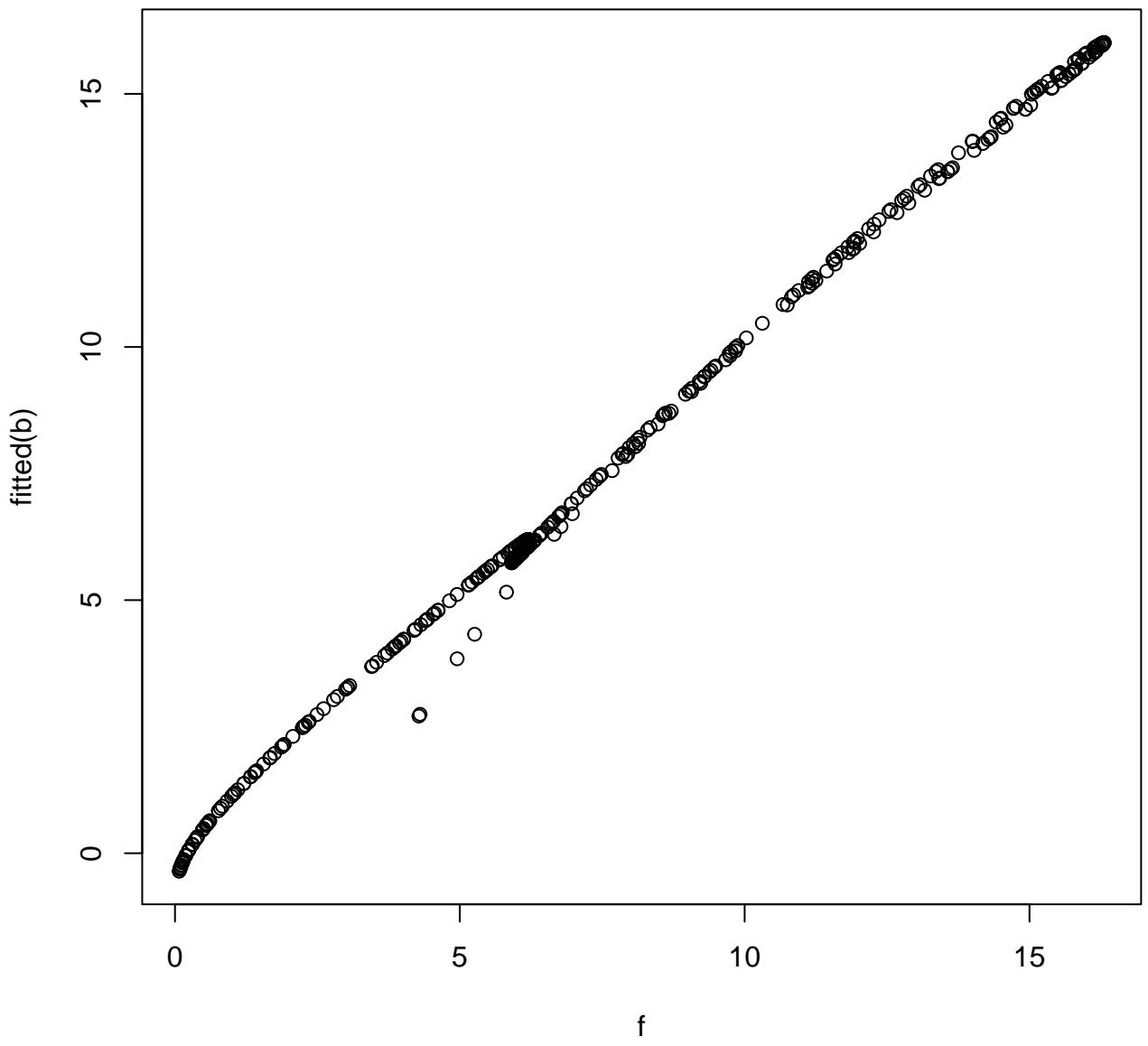
Tweedie density as p changes



help("ldTweedie")

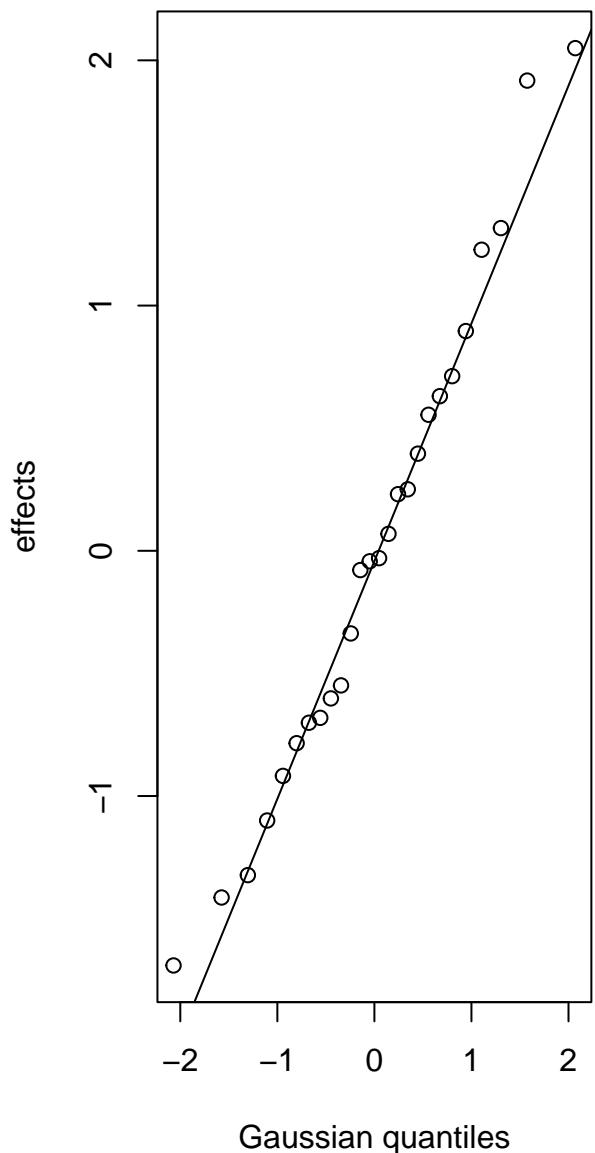
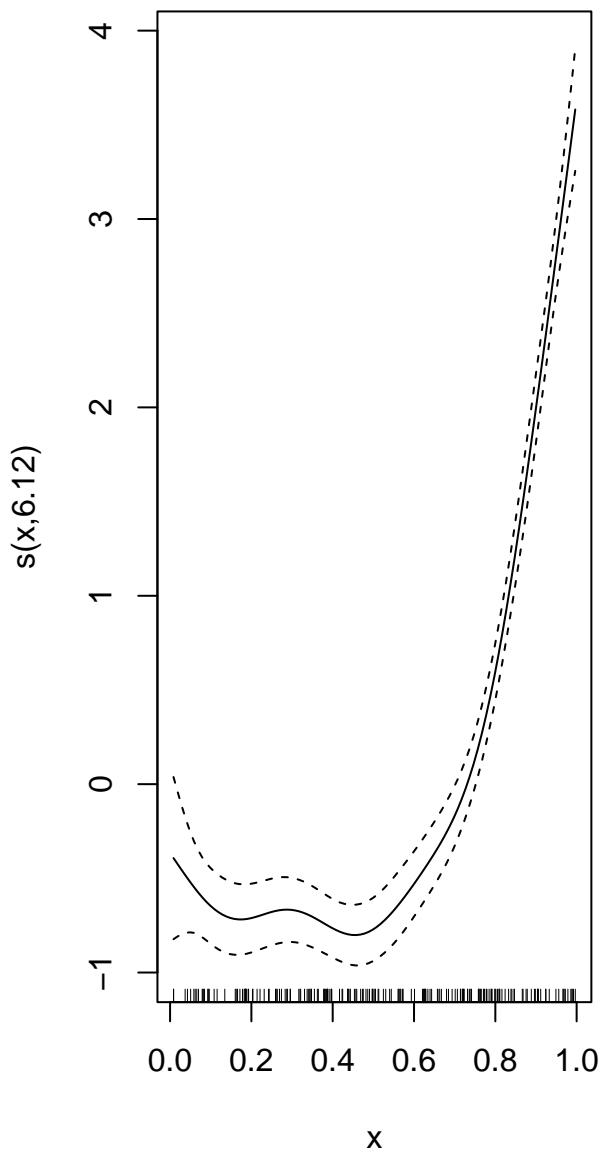
help("linear.functional.terms")



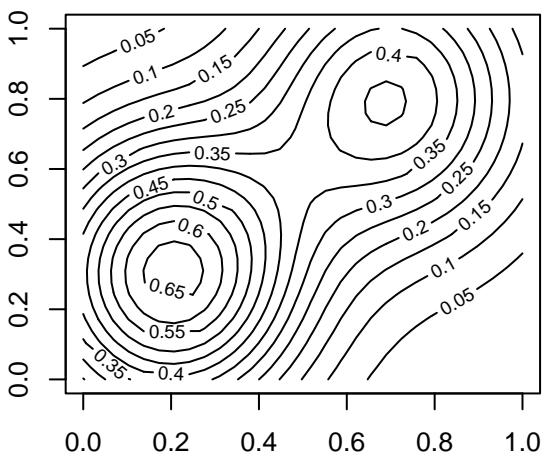


help("linear.functional.terms")

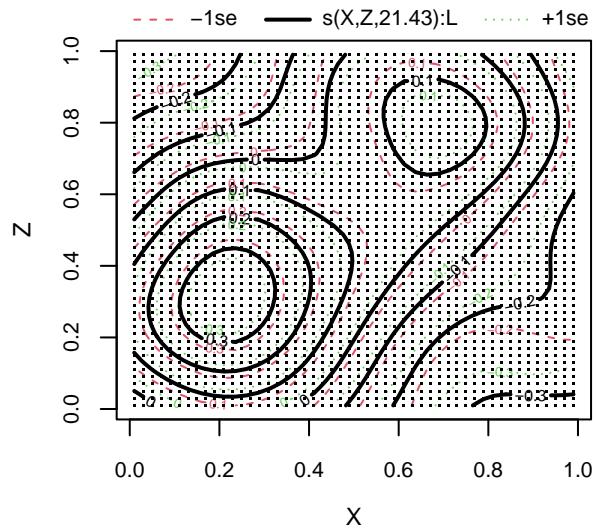
s(fac,24.54):L



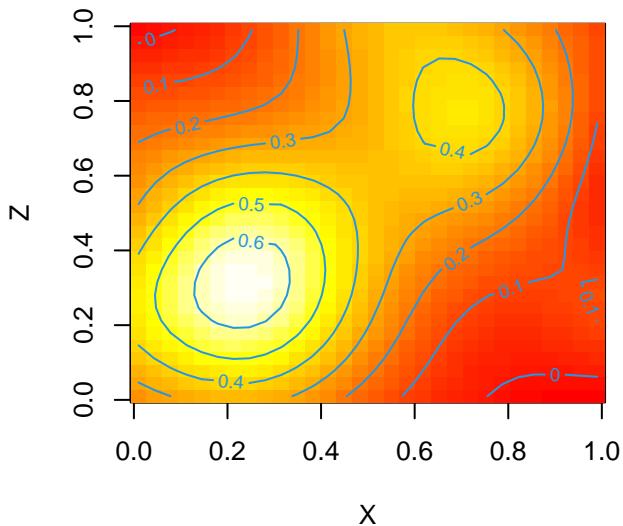
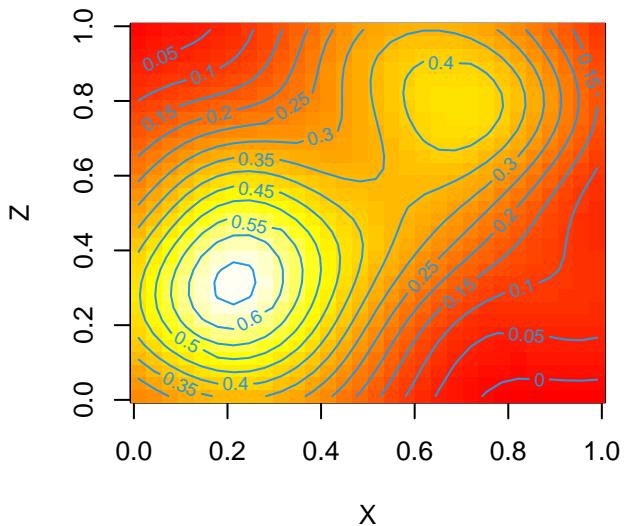
help("linear.functional.terms")



linear predictor



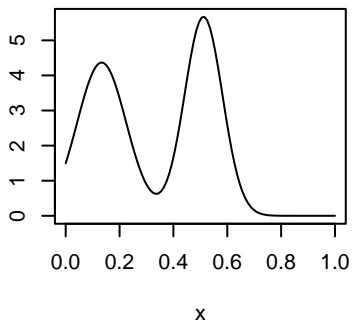
linear predictor



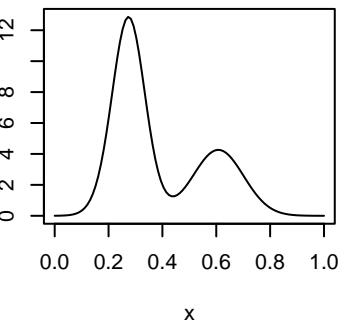
help("linear.functional.terms")

help("linear.functional.terms")

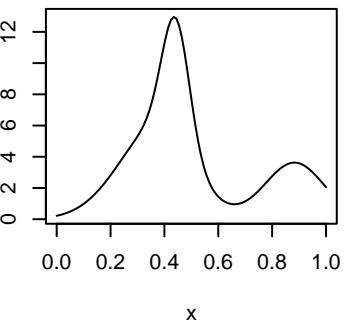
ff(x)



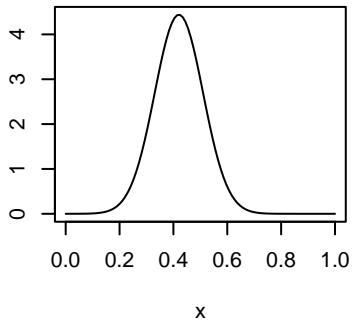
ff(x)



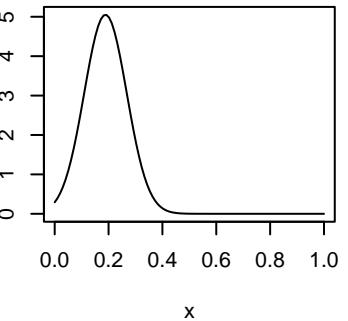
ff(x)



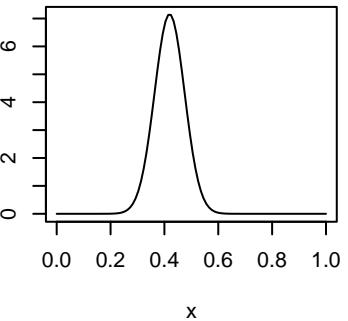
ff(x)



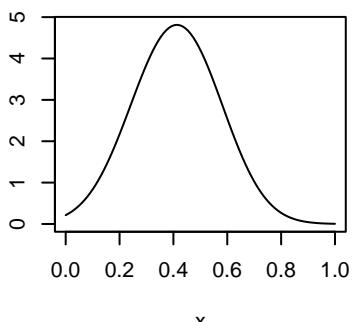
ff(x)



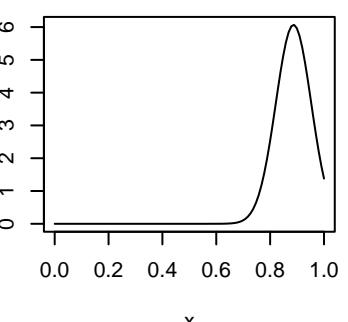
ff(x)



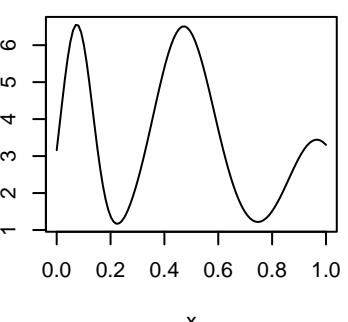
ff(x)



ff(x)



ff(x)



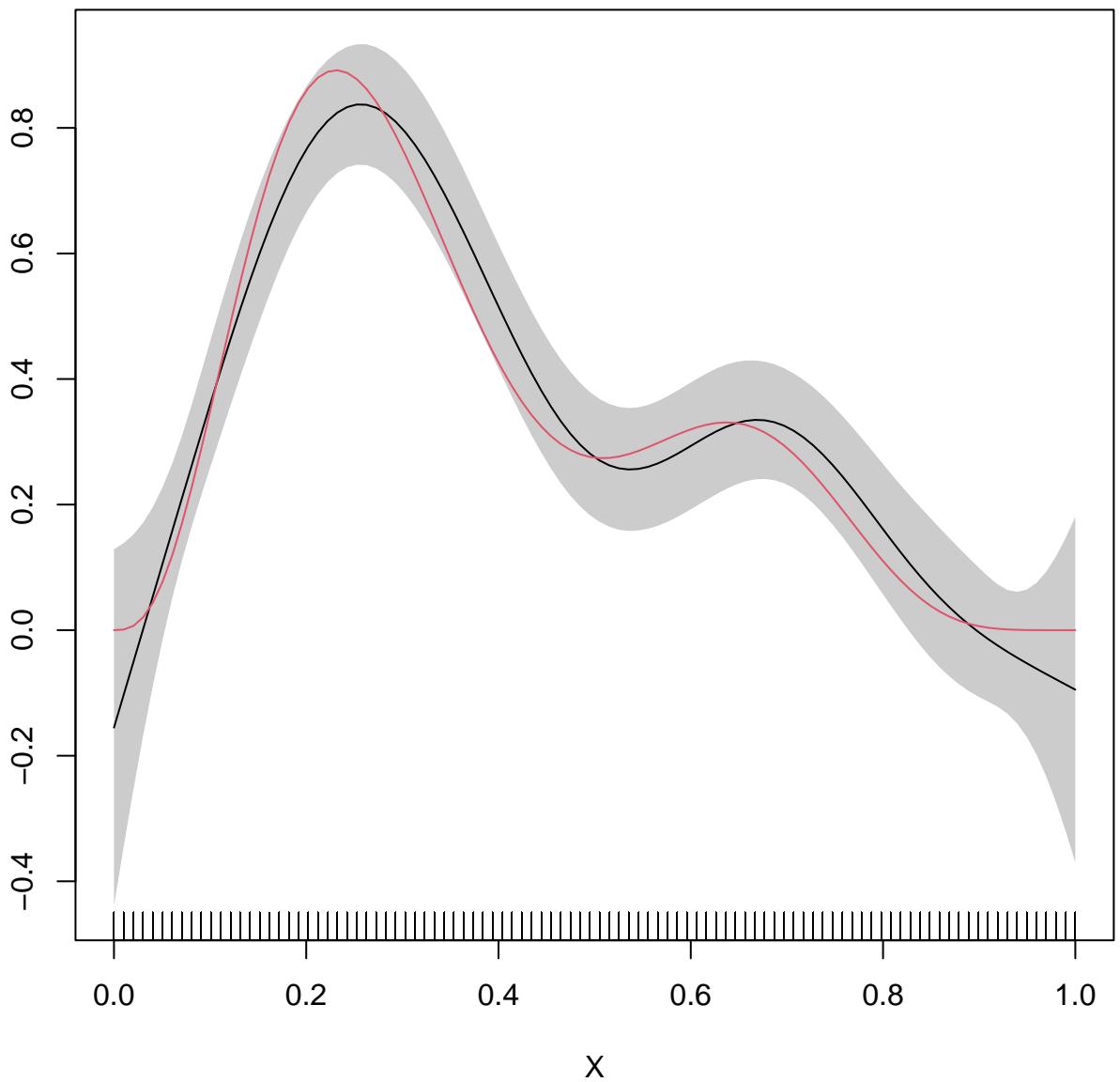
x

x

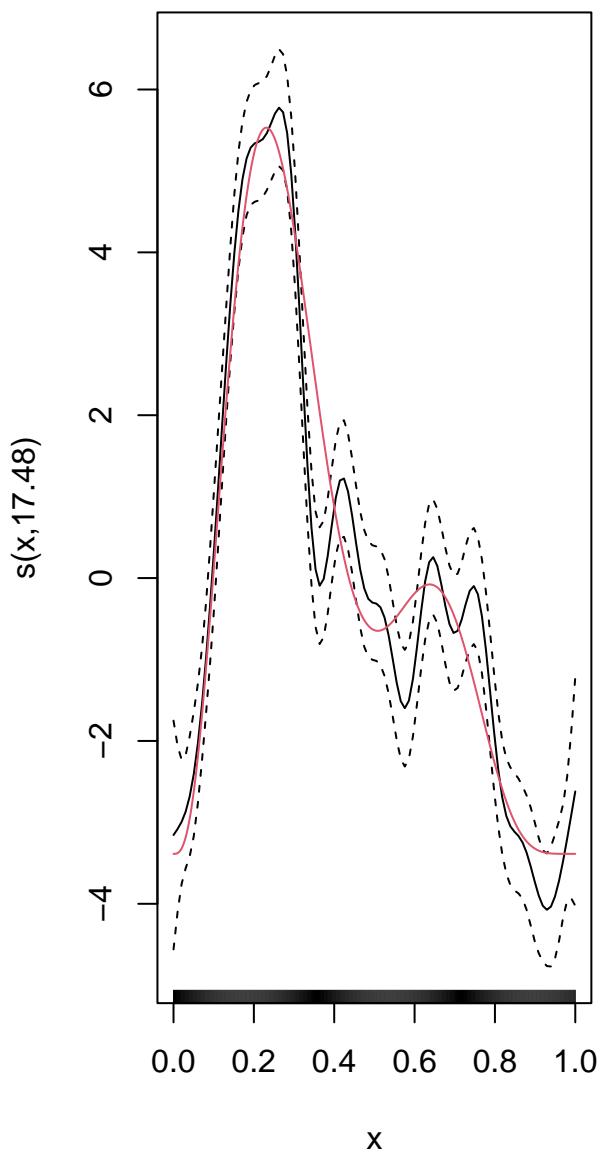
x

help("linear.functional.terms")

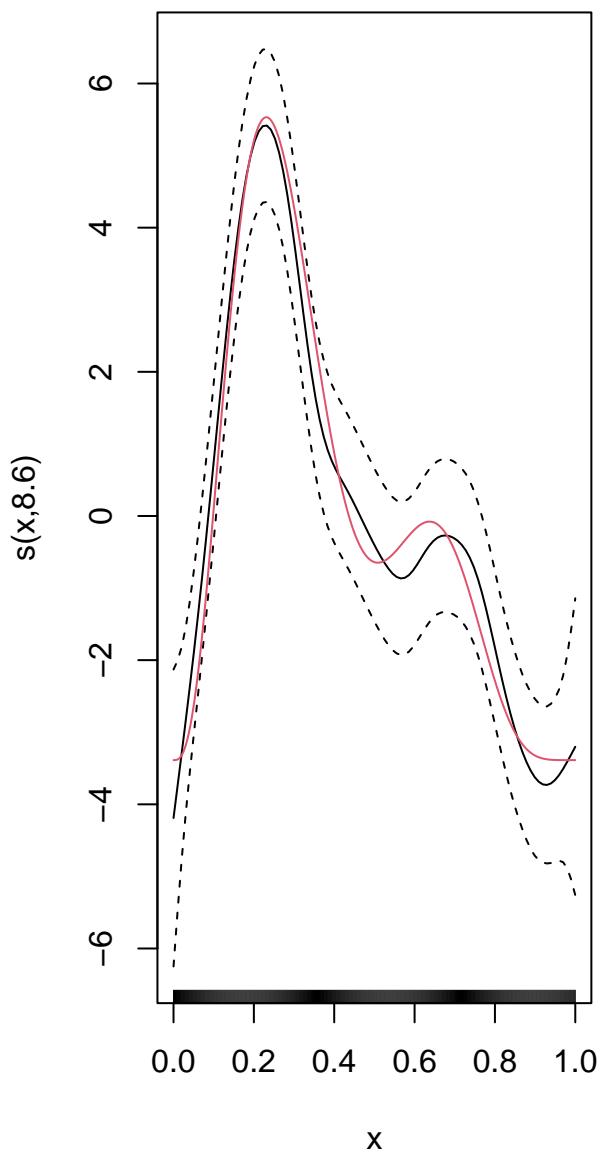
$s(X, 6.59):L$



Ignoring correlation

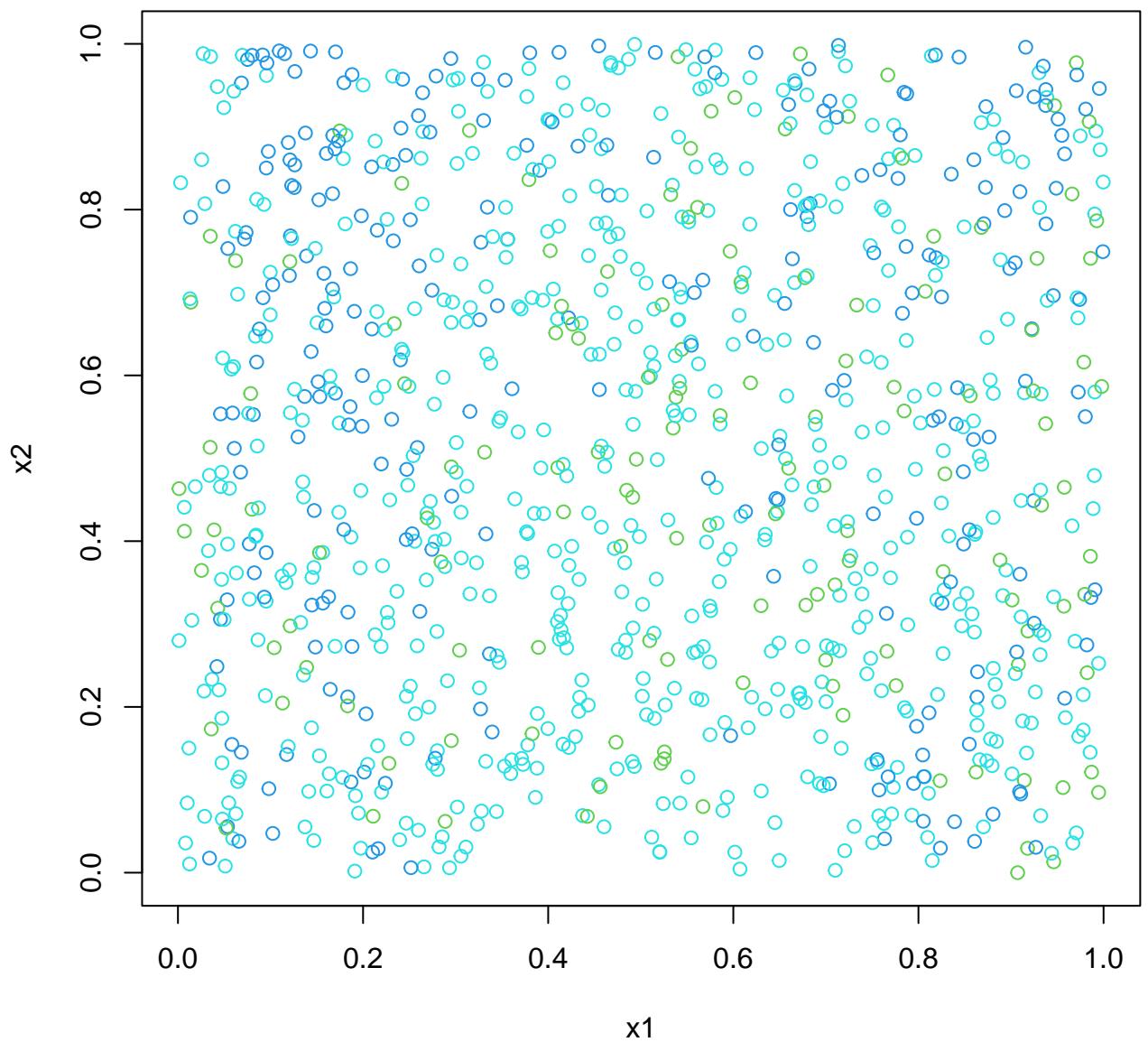


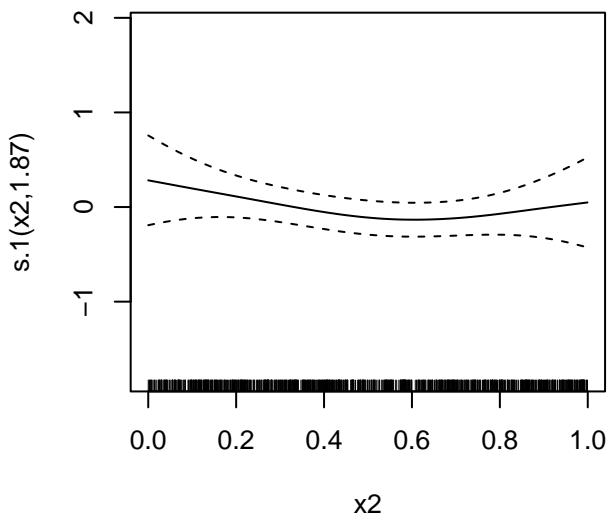
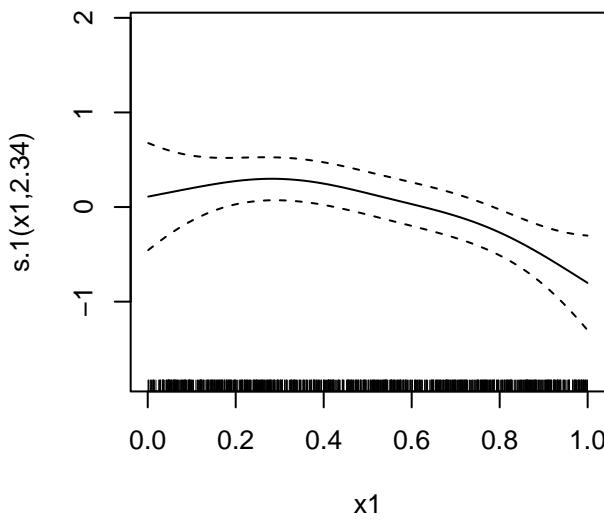
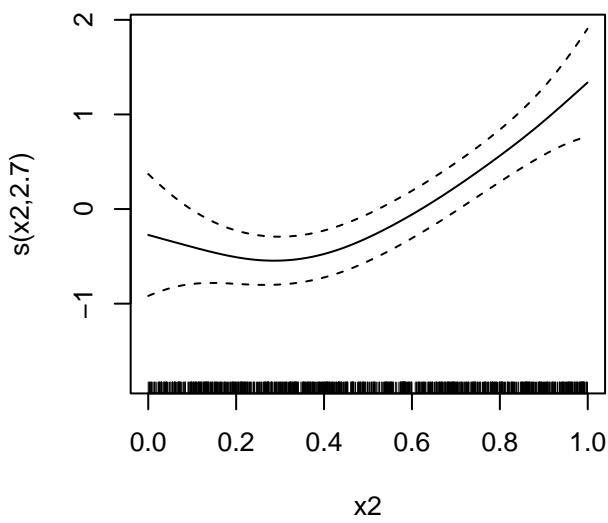
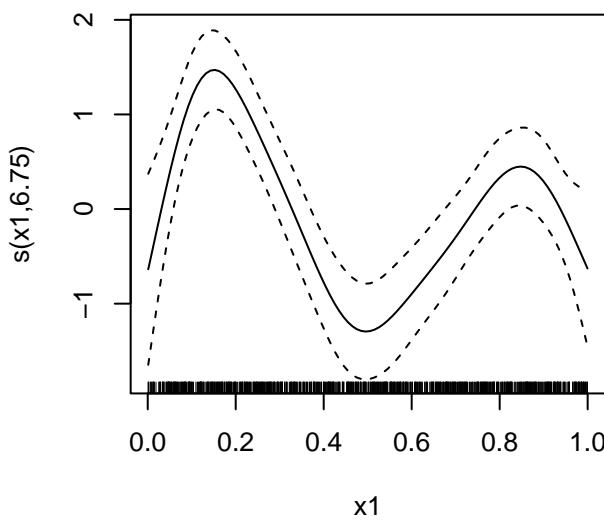
Known correlation



help("magic")

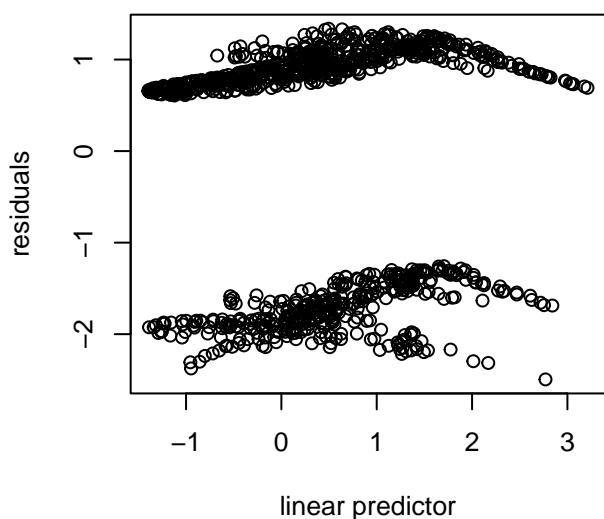
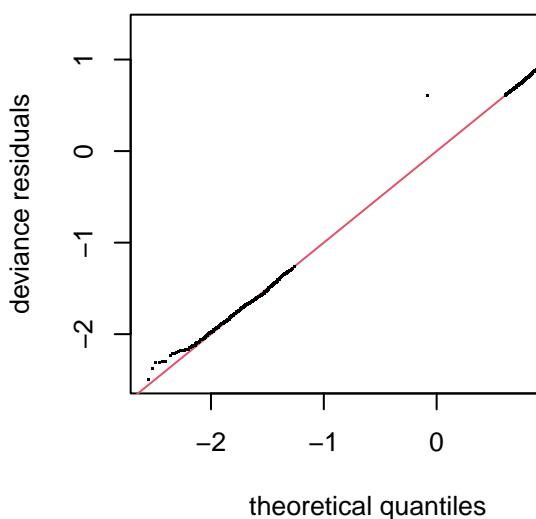
help("multinom")



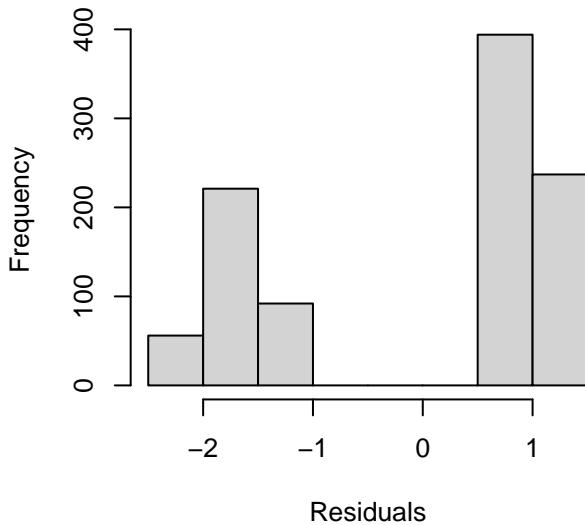


help("multinom")

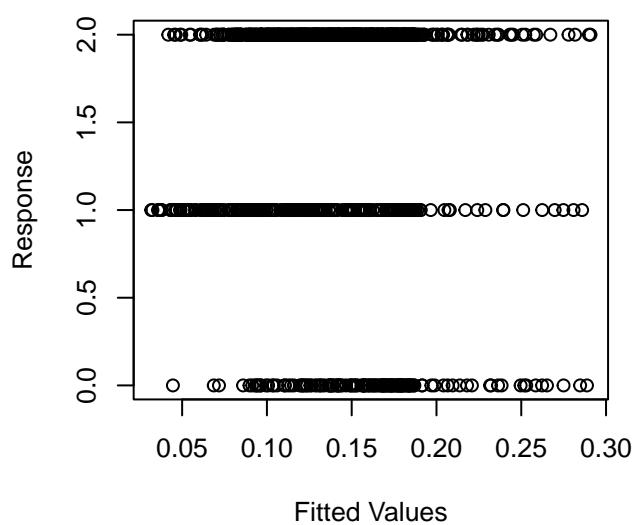
Resids vs. linear pred.



Histogram of residuals

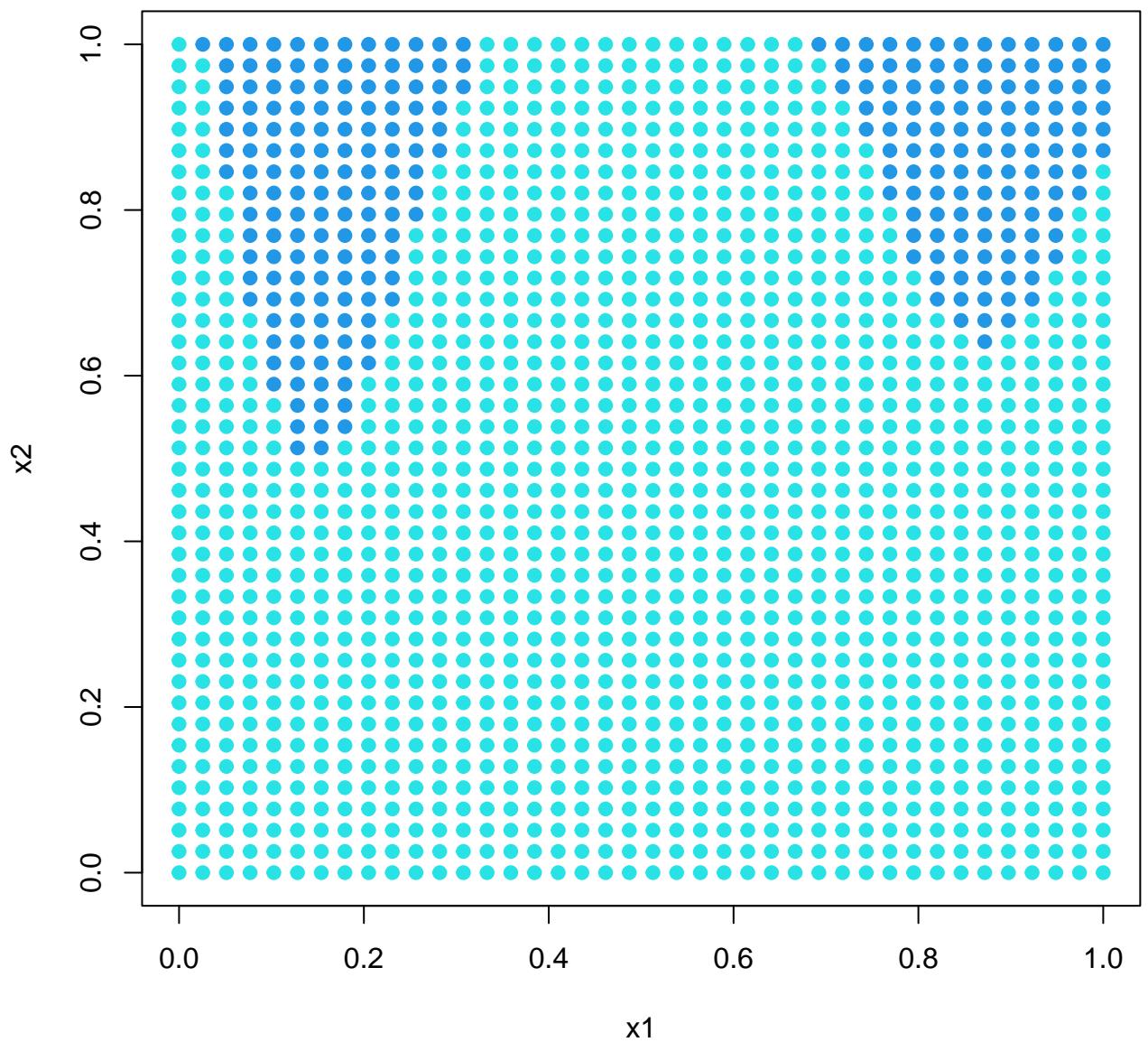


Response vs. Fitted Values

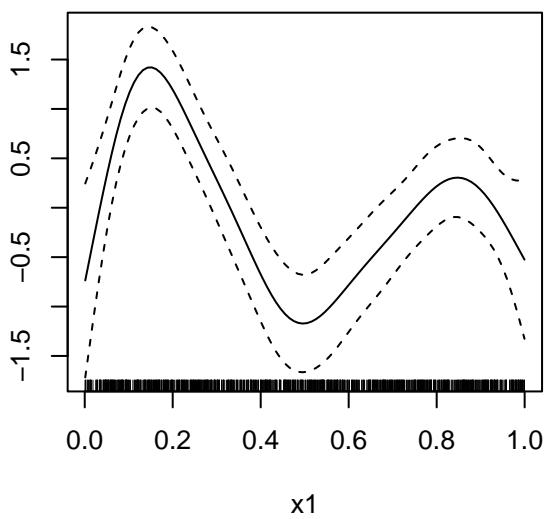


help("multinom")

help("multinom")

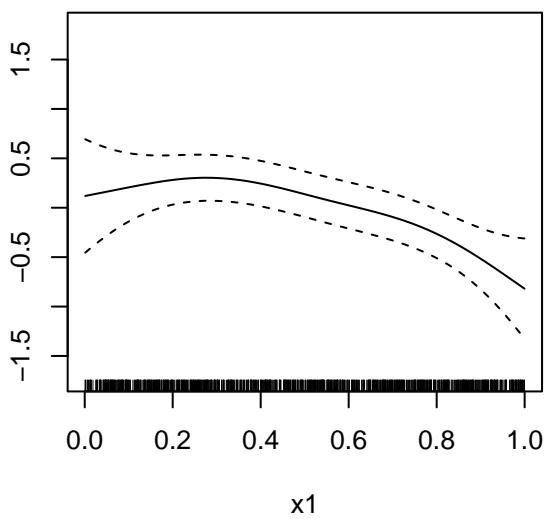


s(x1,6.76)



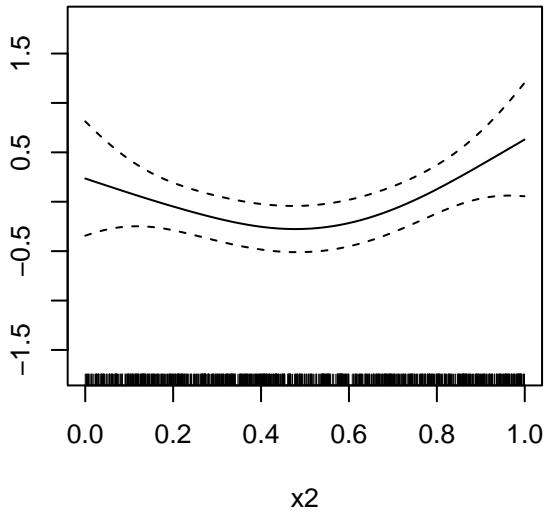
x_1

s.1(x1,2.41)



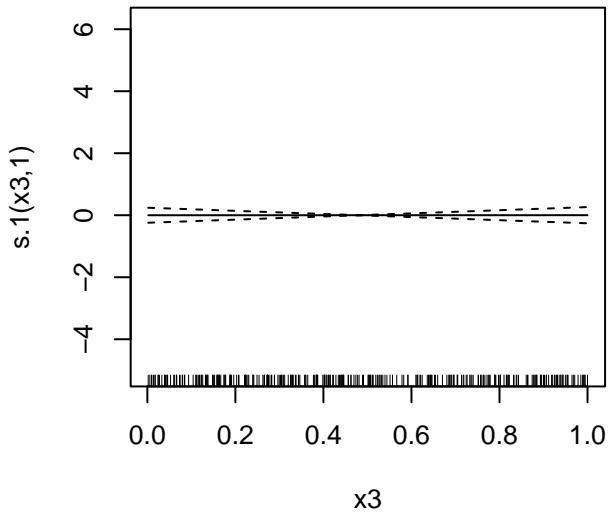
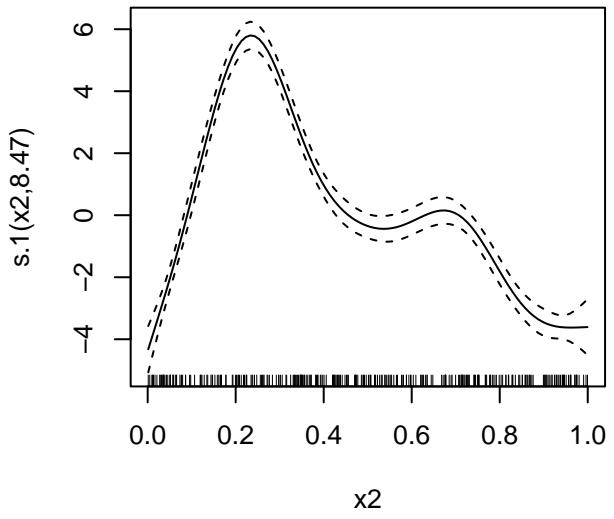
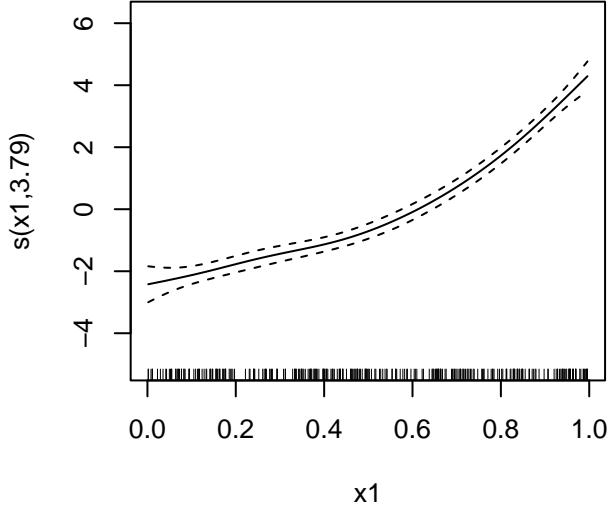
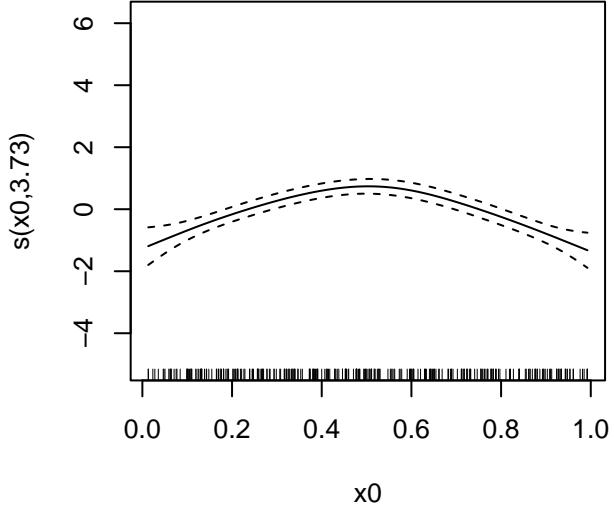
x_1

s.2(x2,2.39)

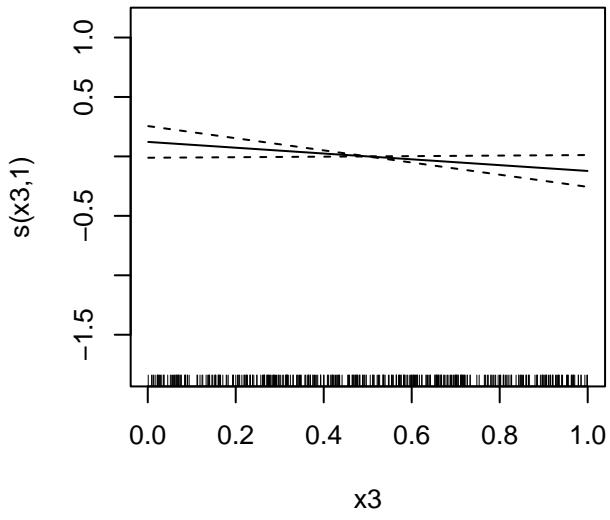
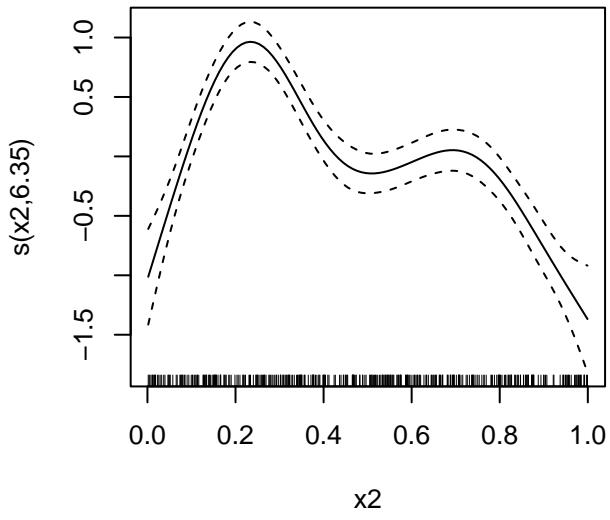
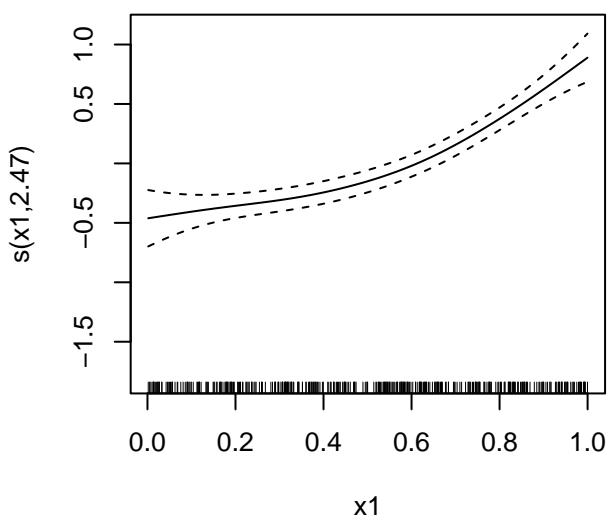
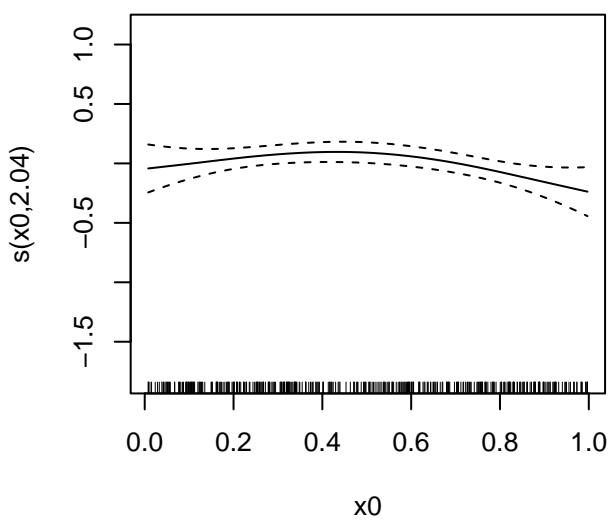


x_2

help("multinom")

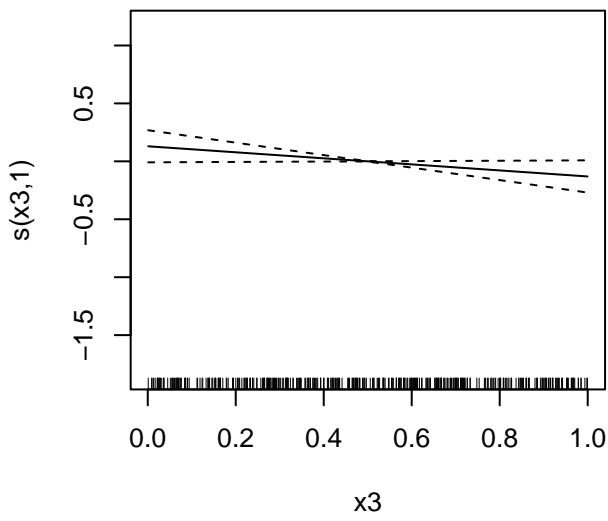
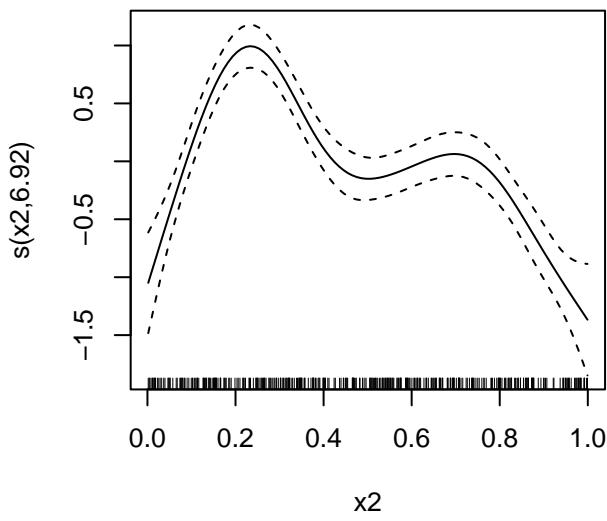
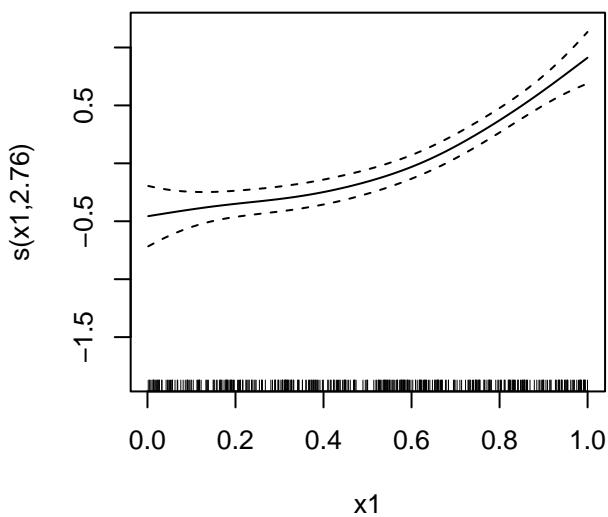
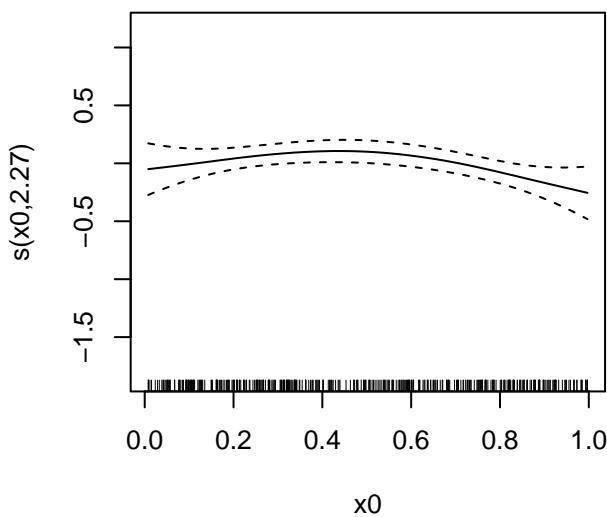


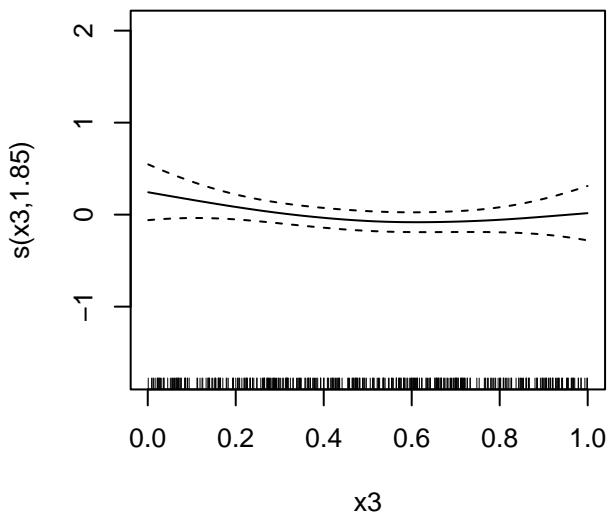
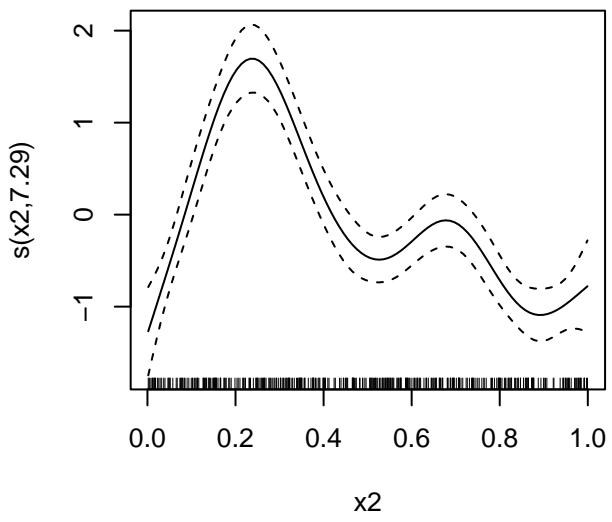
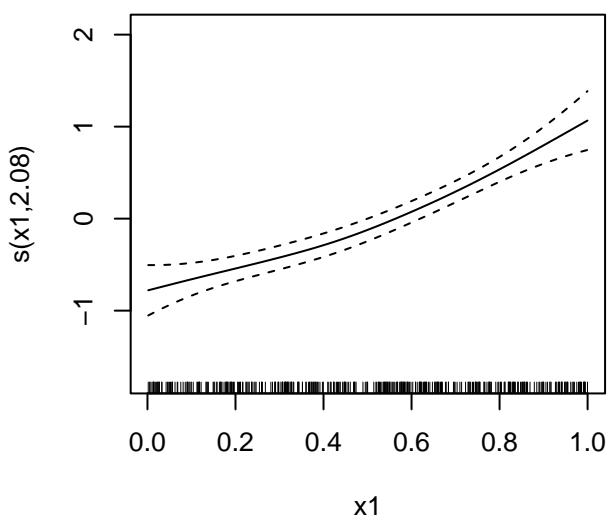
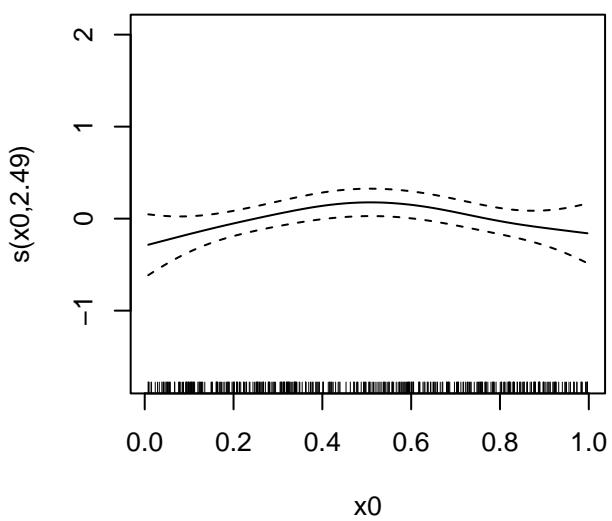
help("mvn")



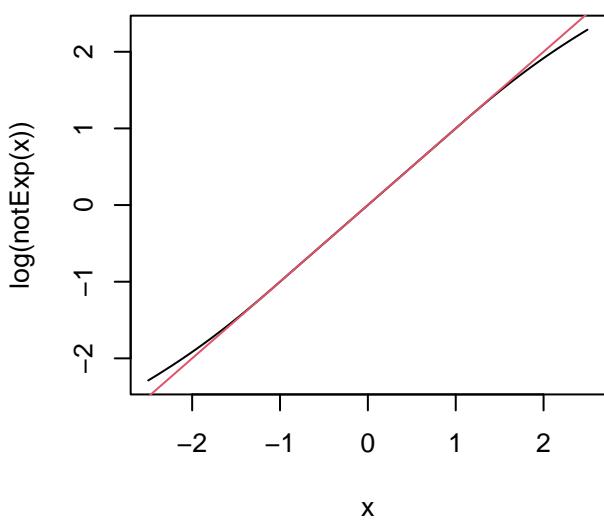
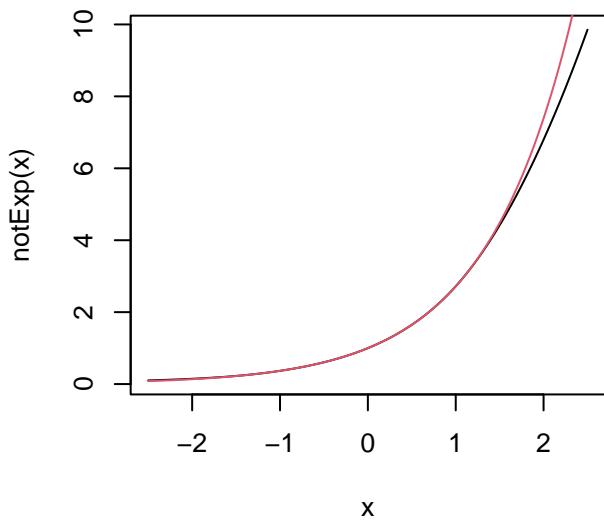
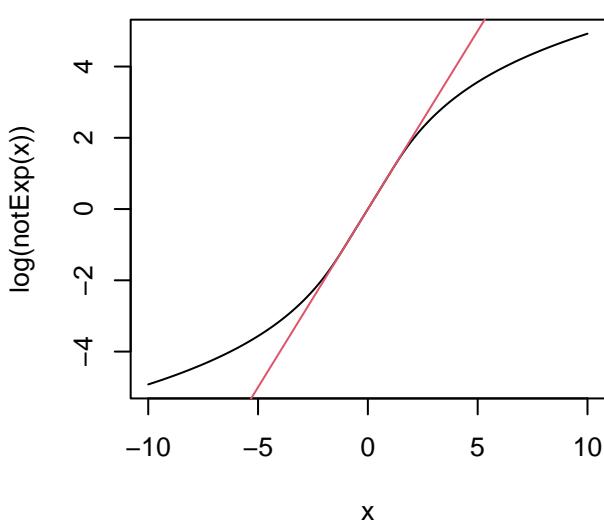
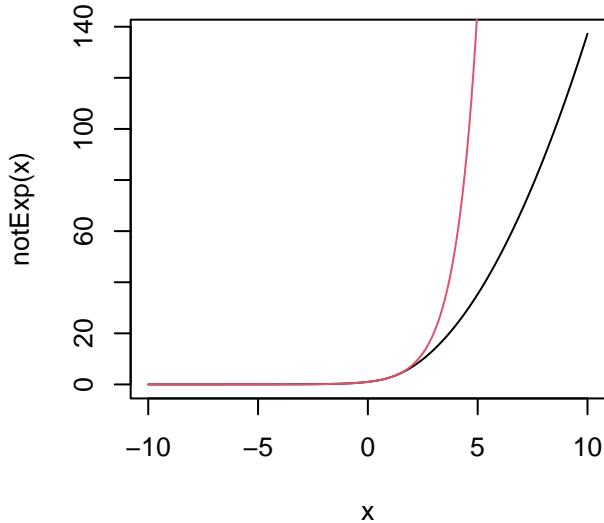
help("negbin")

help("negbin")

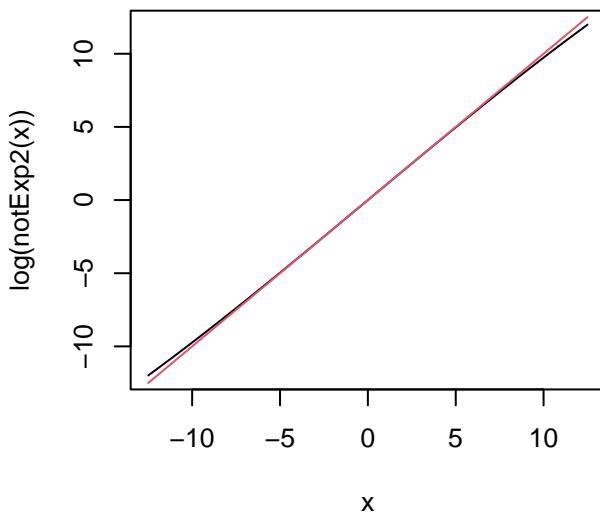
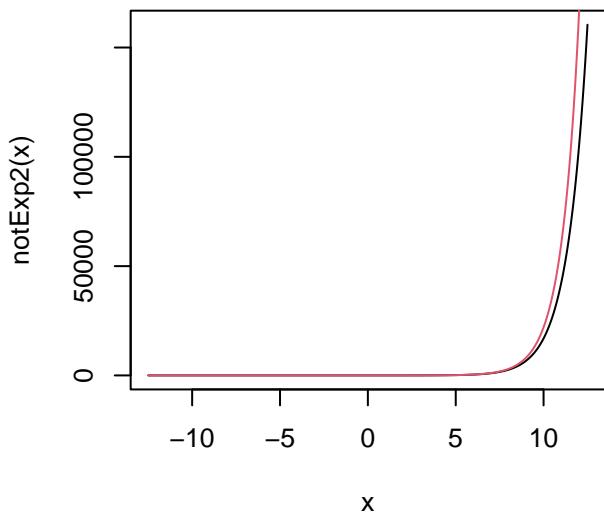
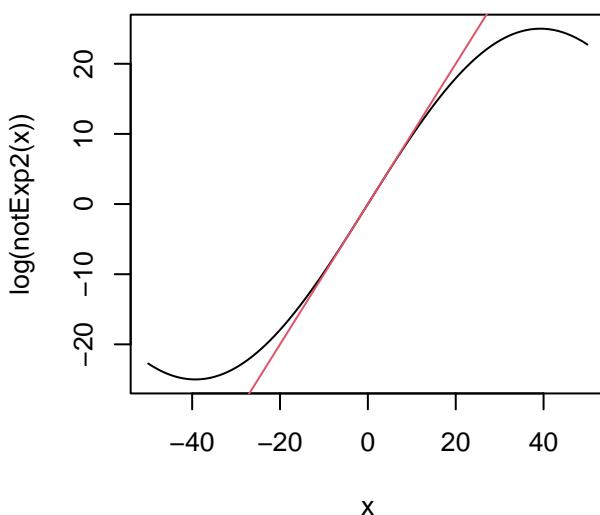
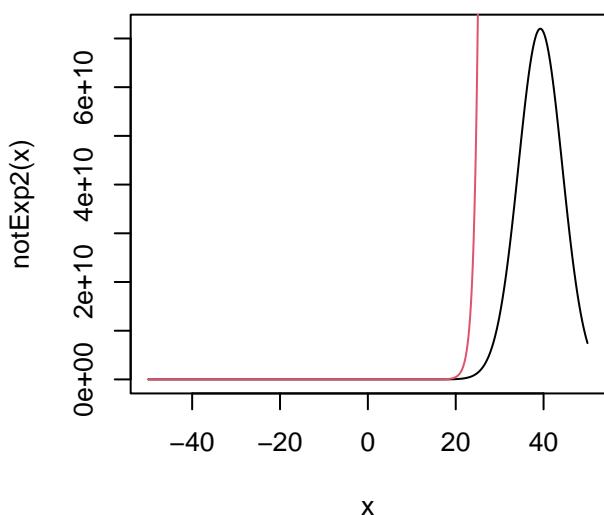




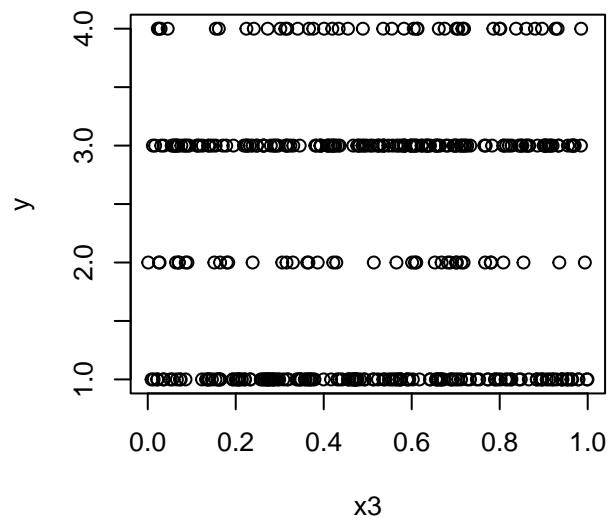
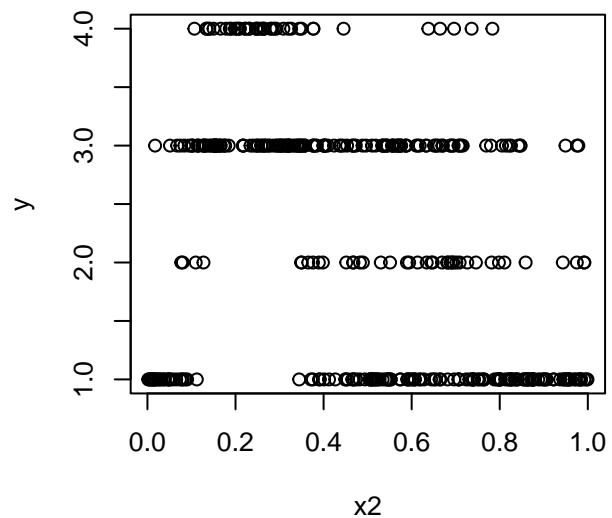
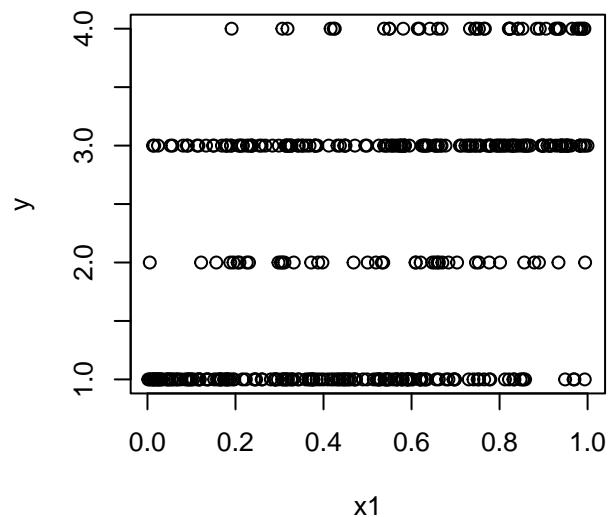
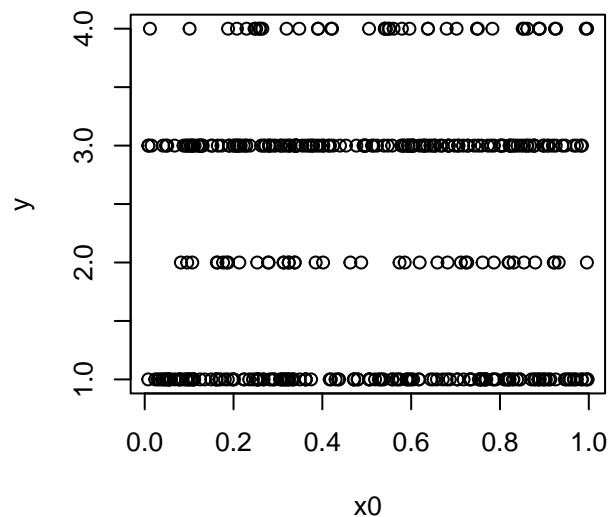
help("negbin")



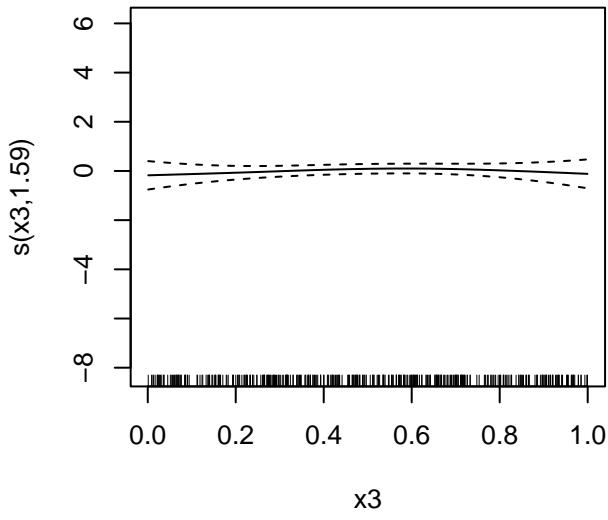
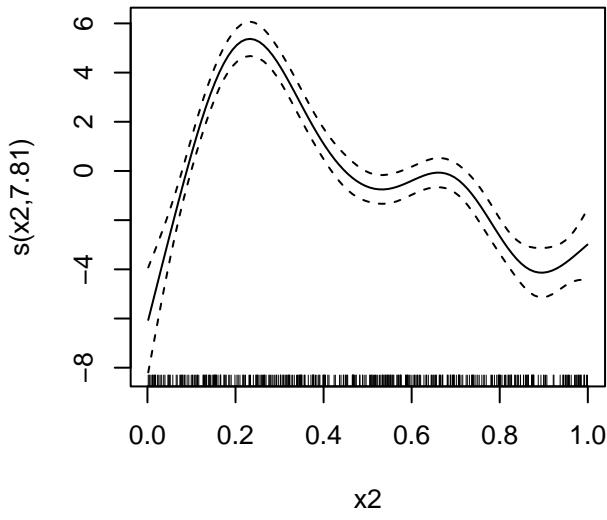
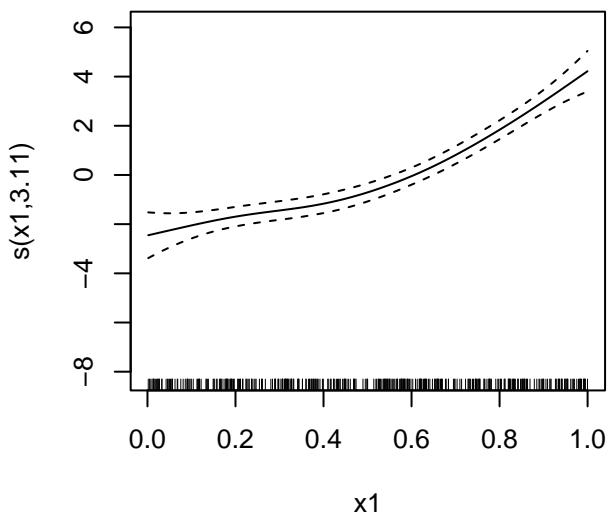
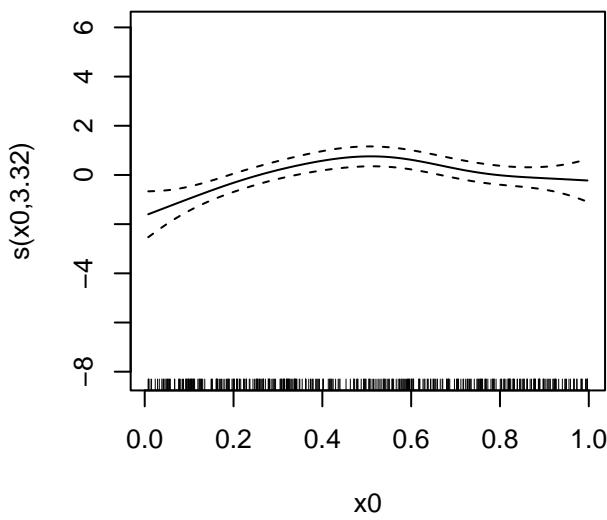
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help("notExp2")

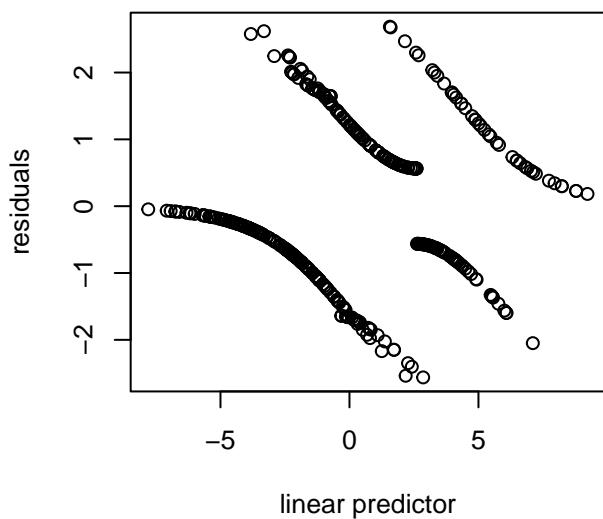
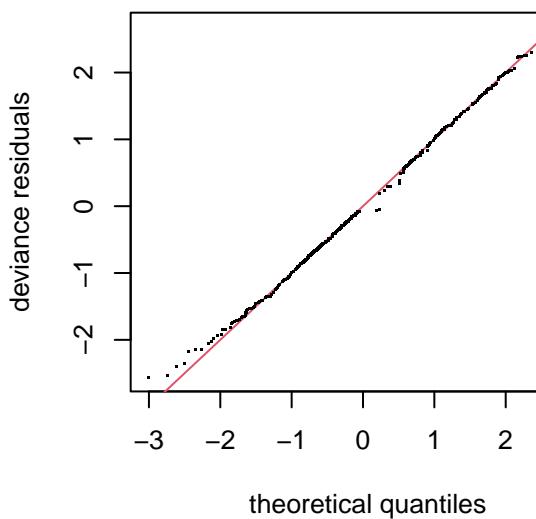


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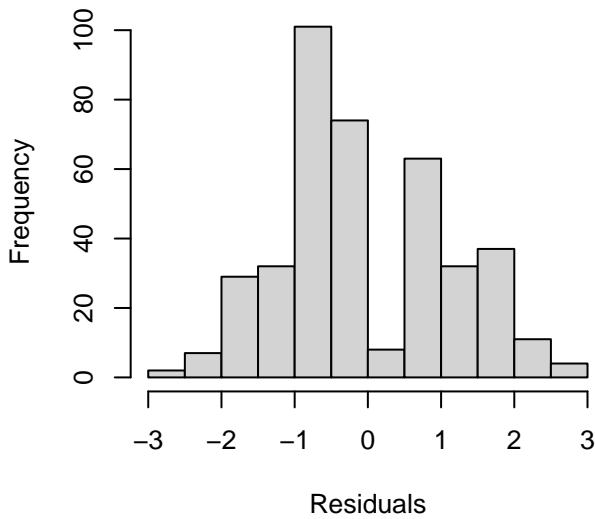


help("ocat")

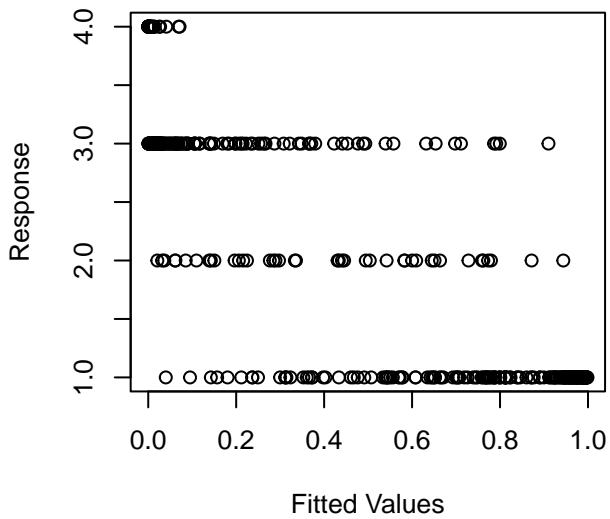
Resids vs. linear pred.



Histogram of residuals

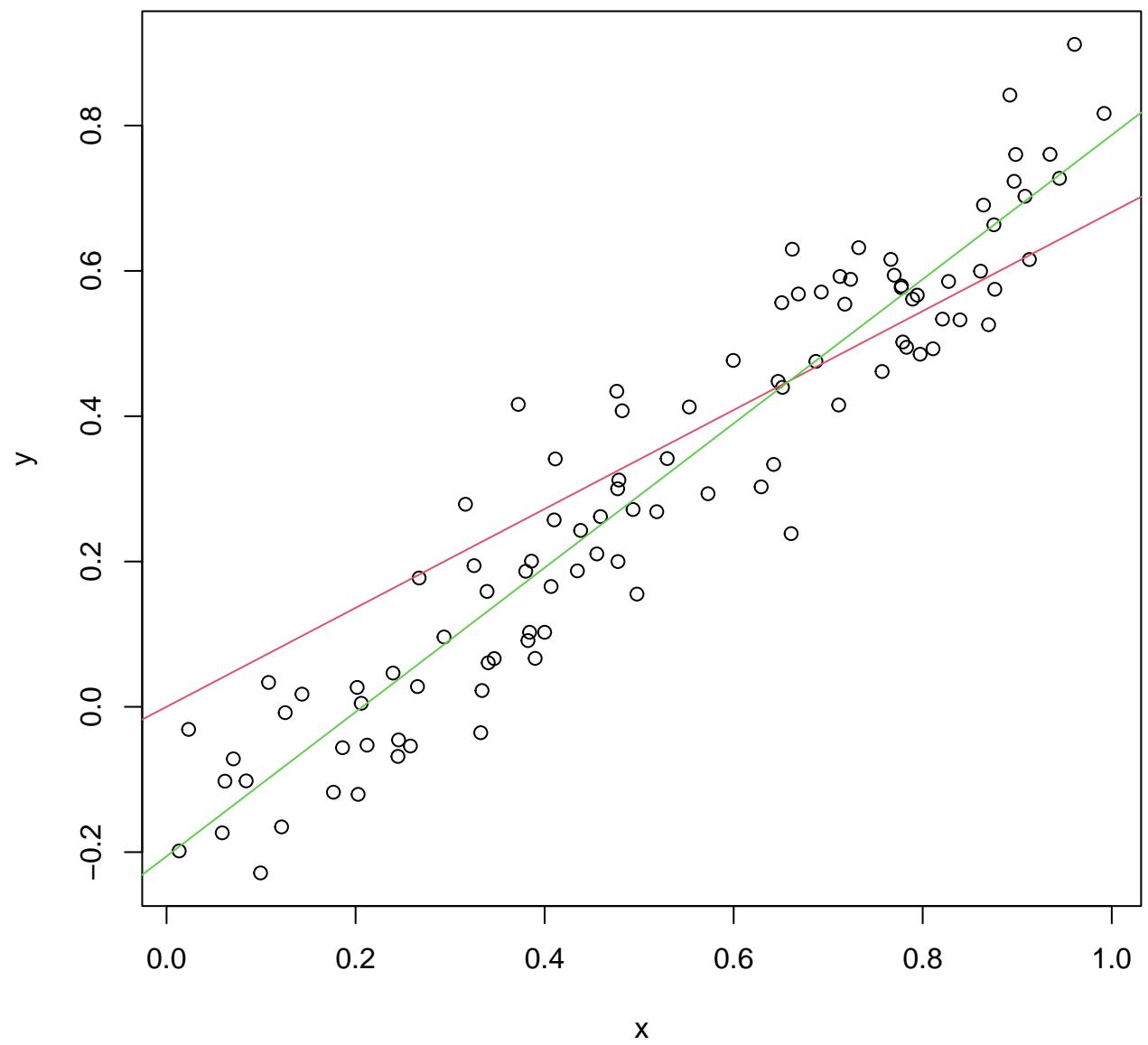


Response vs. Fitted Values

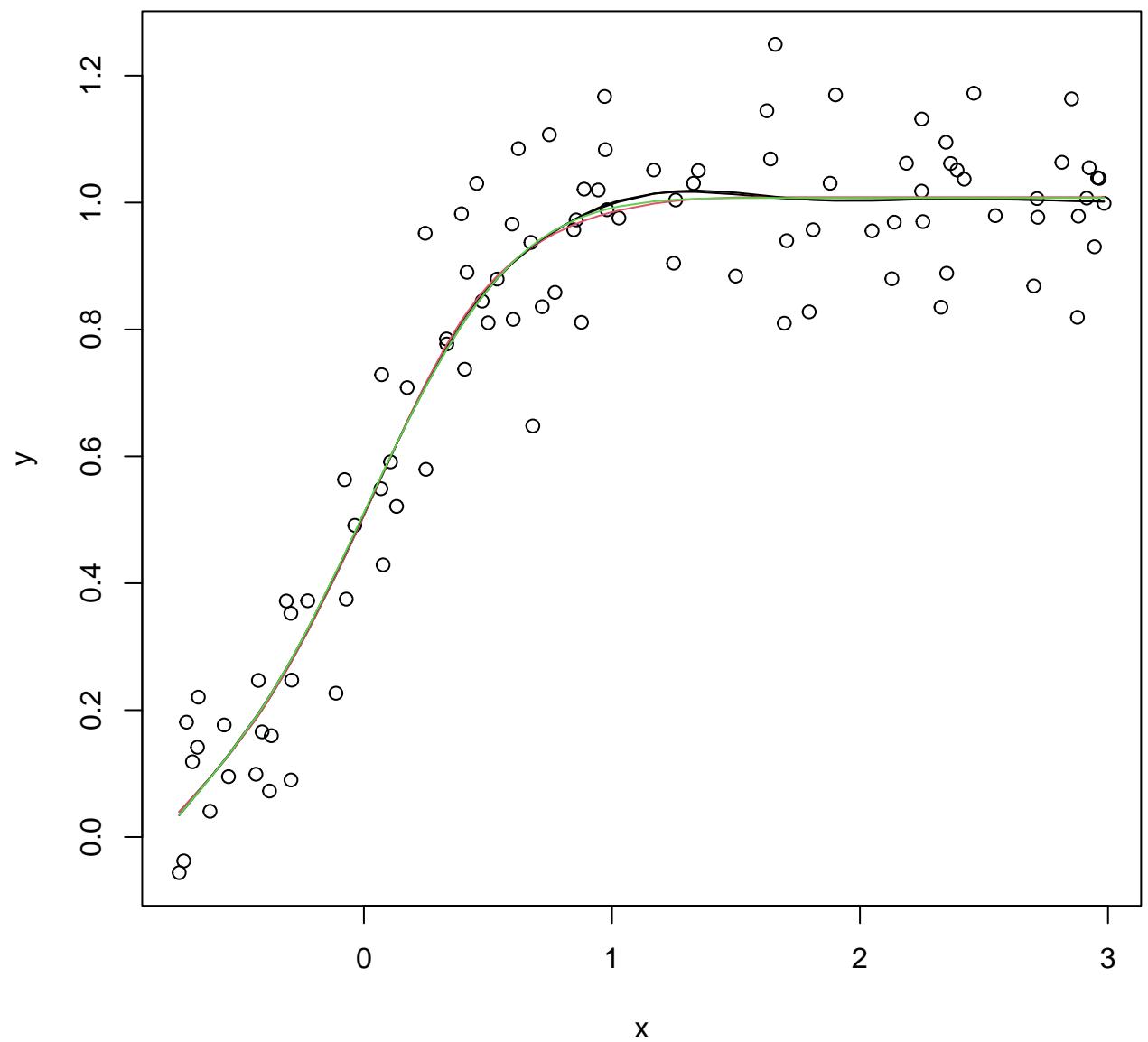


help("ocat")

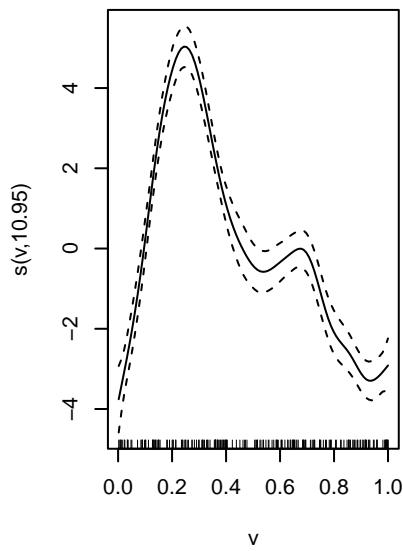
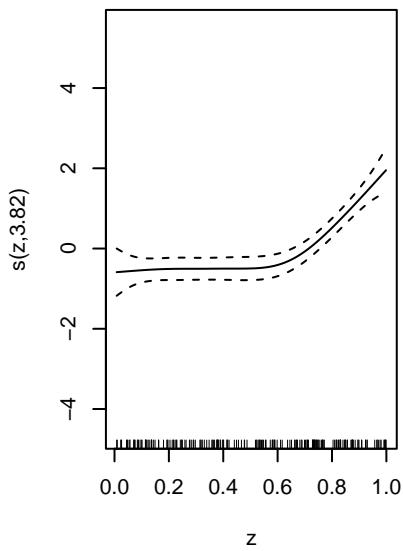
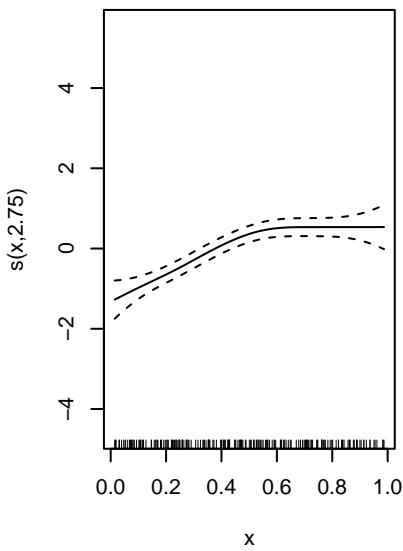
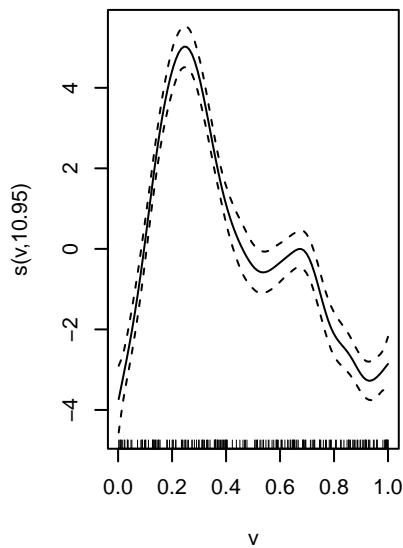
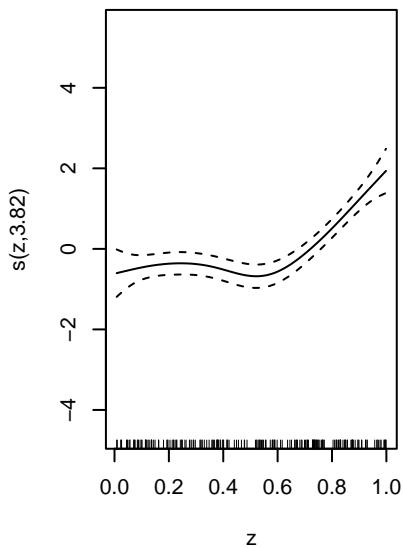
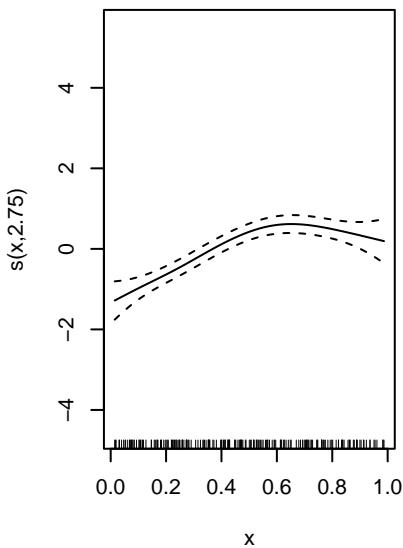
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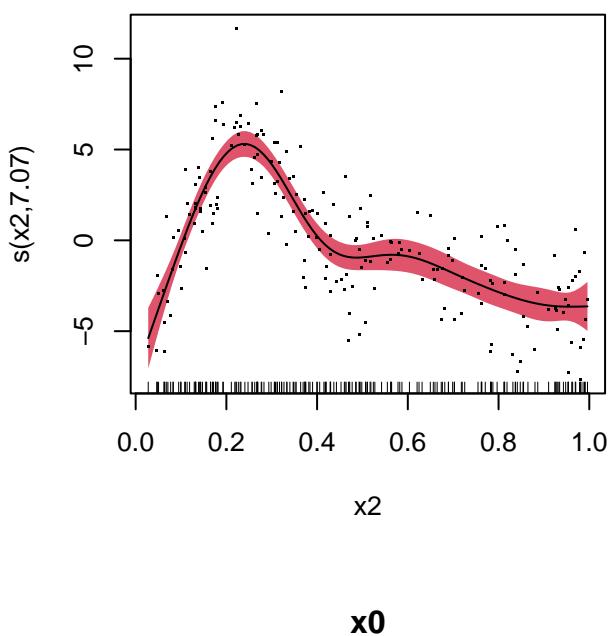
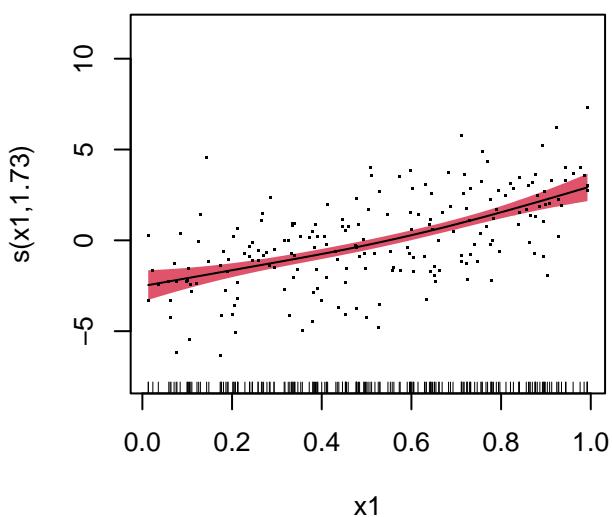


help("pcl")

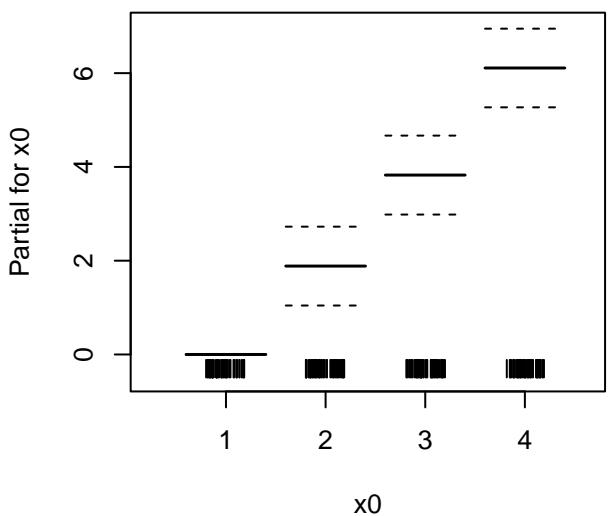
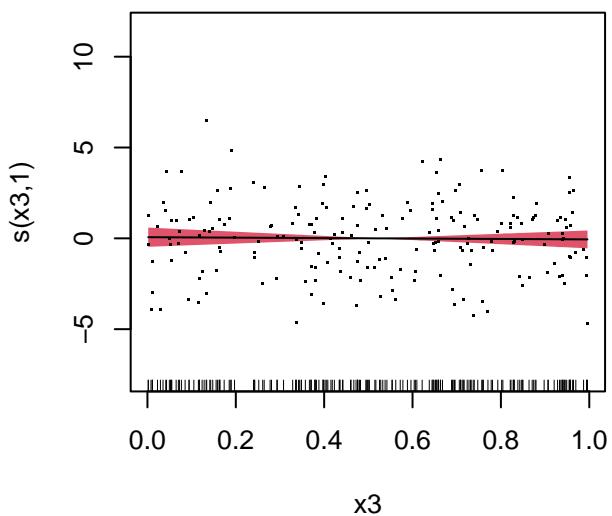


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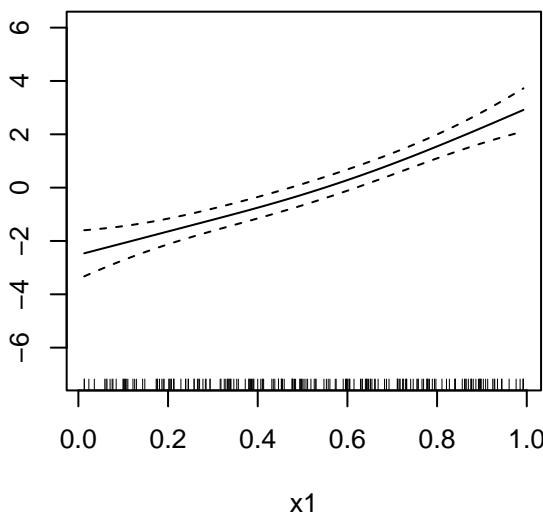




help("plot.gam")

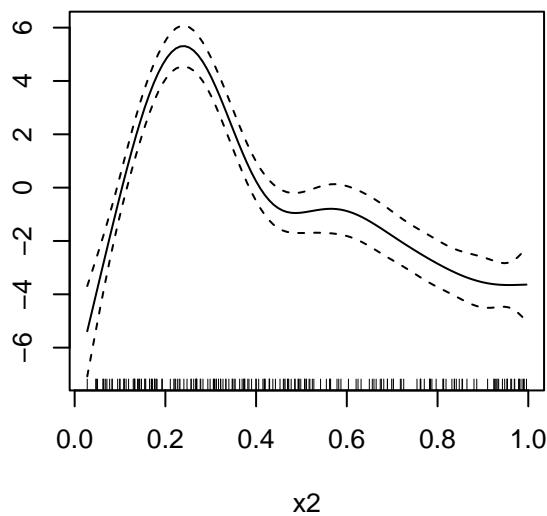


$s(x_1, 1.73)$



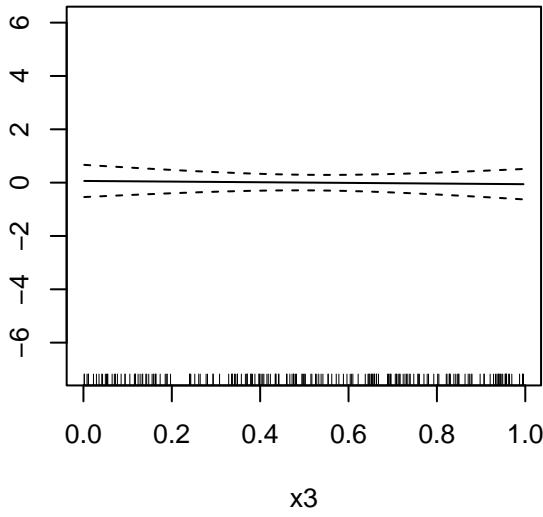
x_1

$s(x_2, 7.07)$



x_2

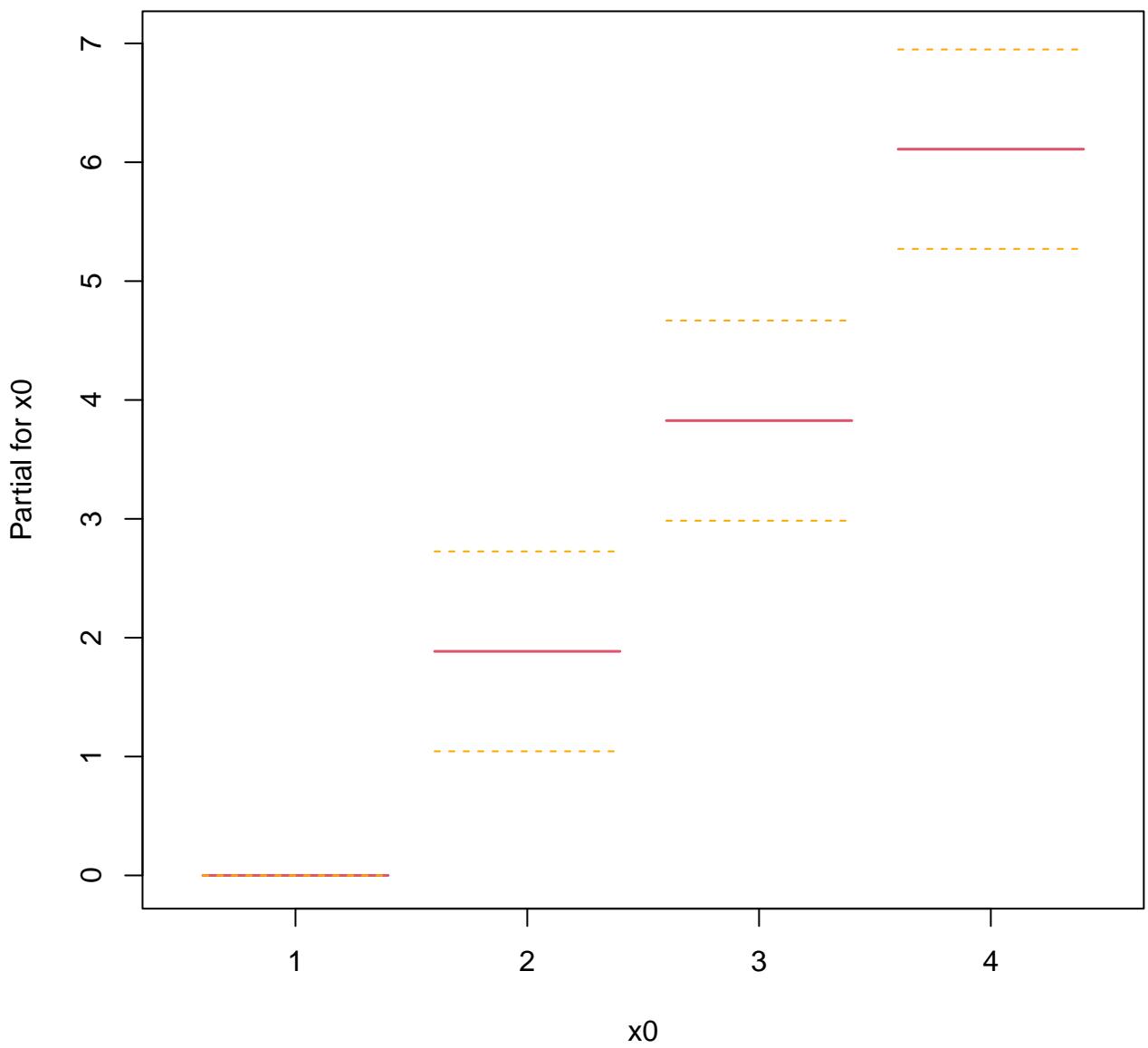
$s(x_3, 1)$

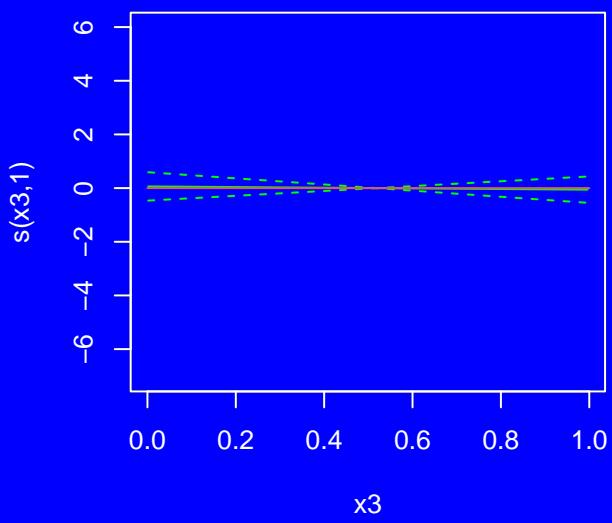
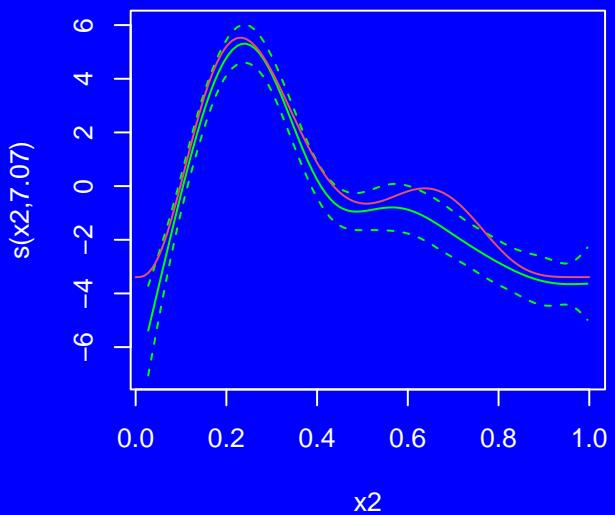
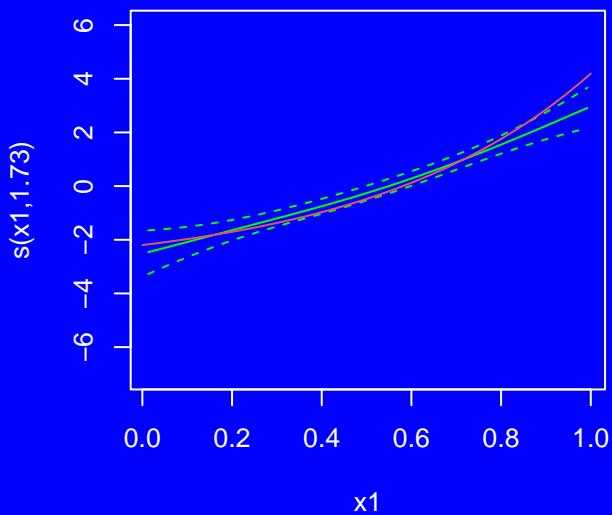


x_3

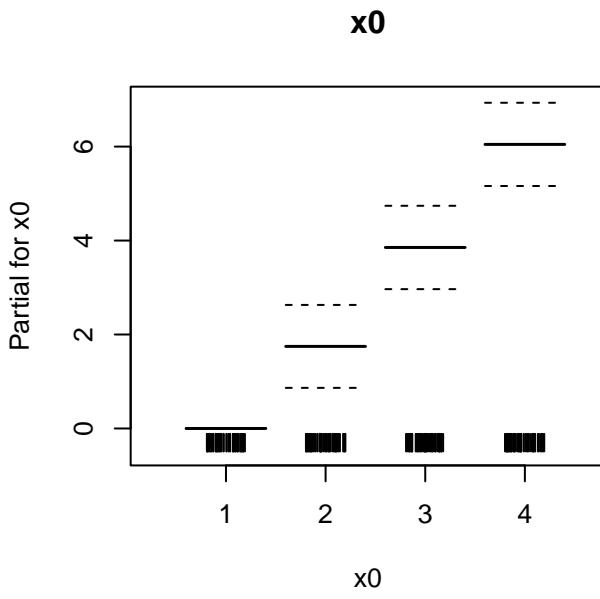
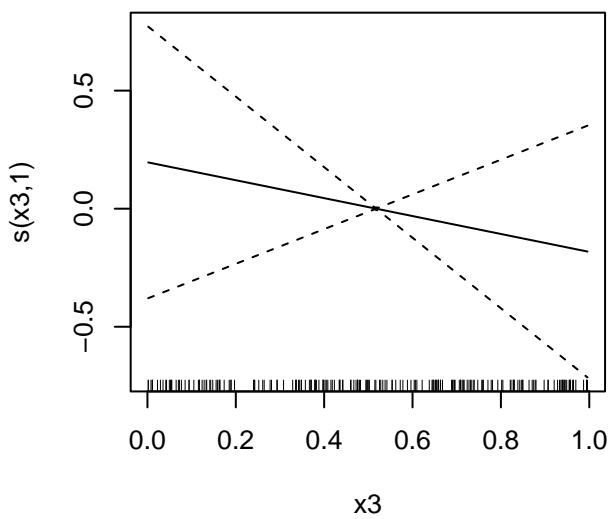
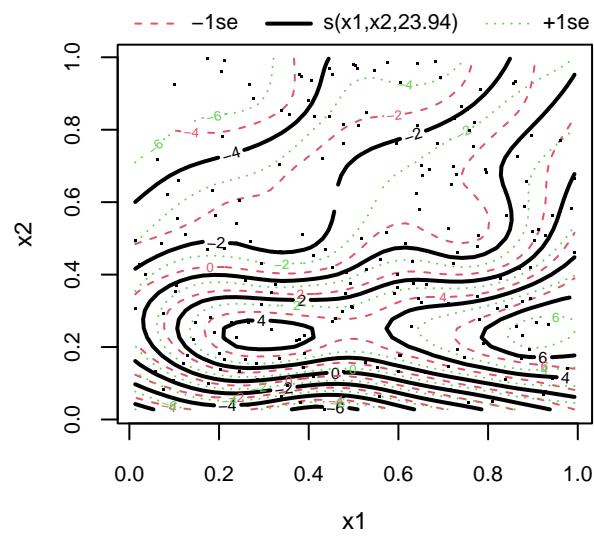
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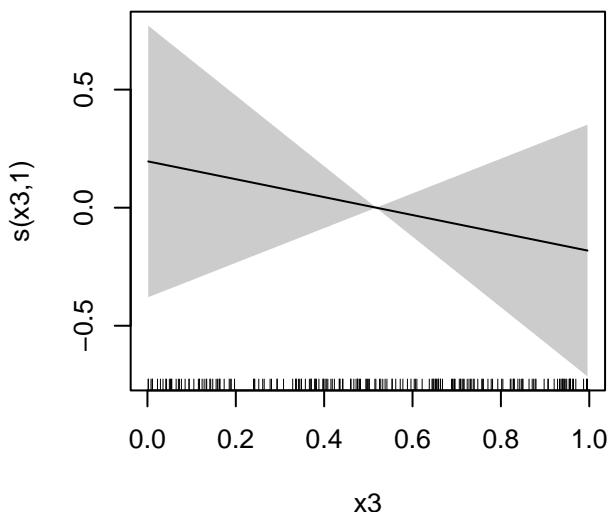
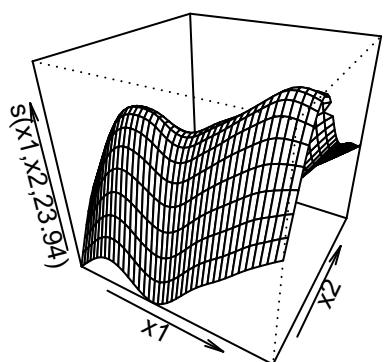
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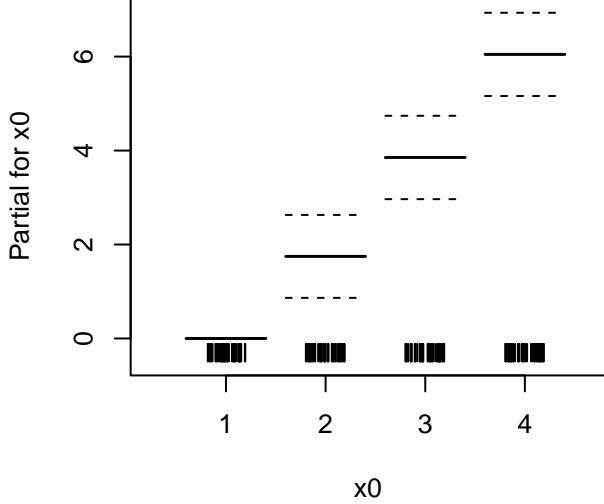
help("plot.gam")



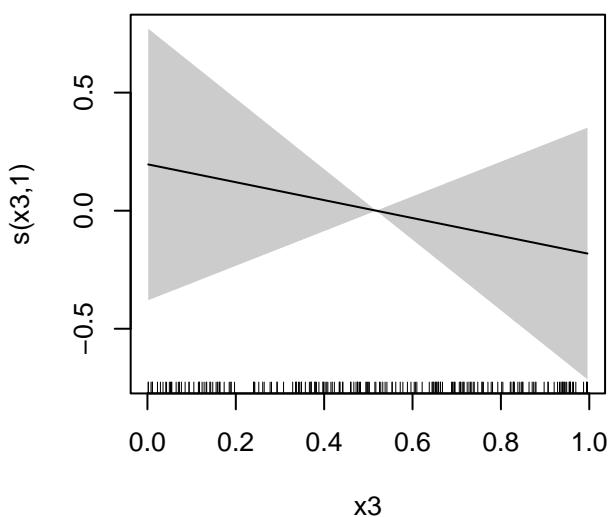
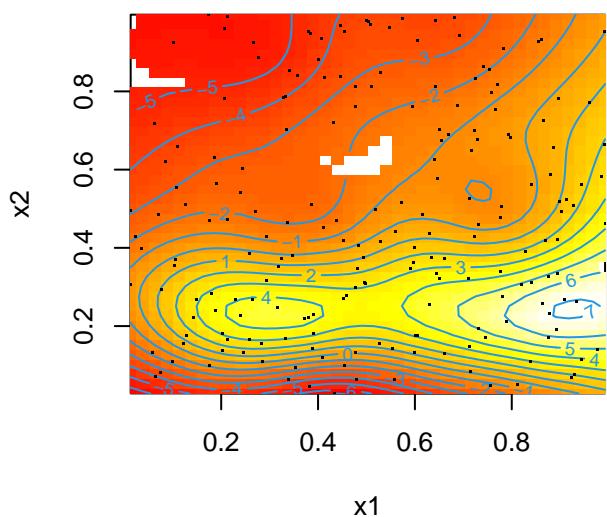


help("plot.gam")

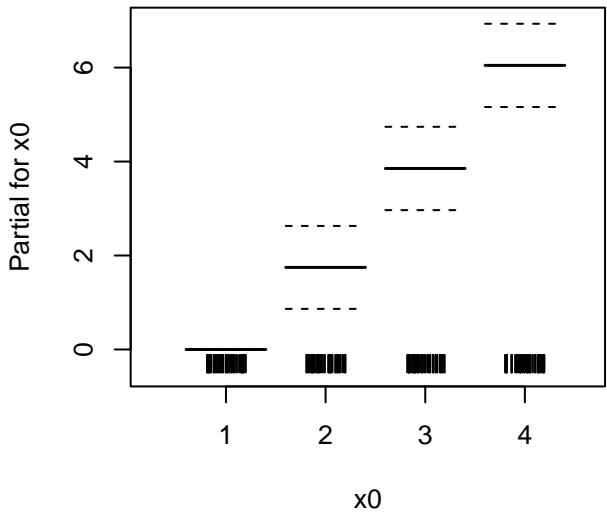
x0



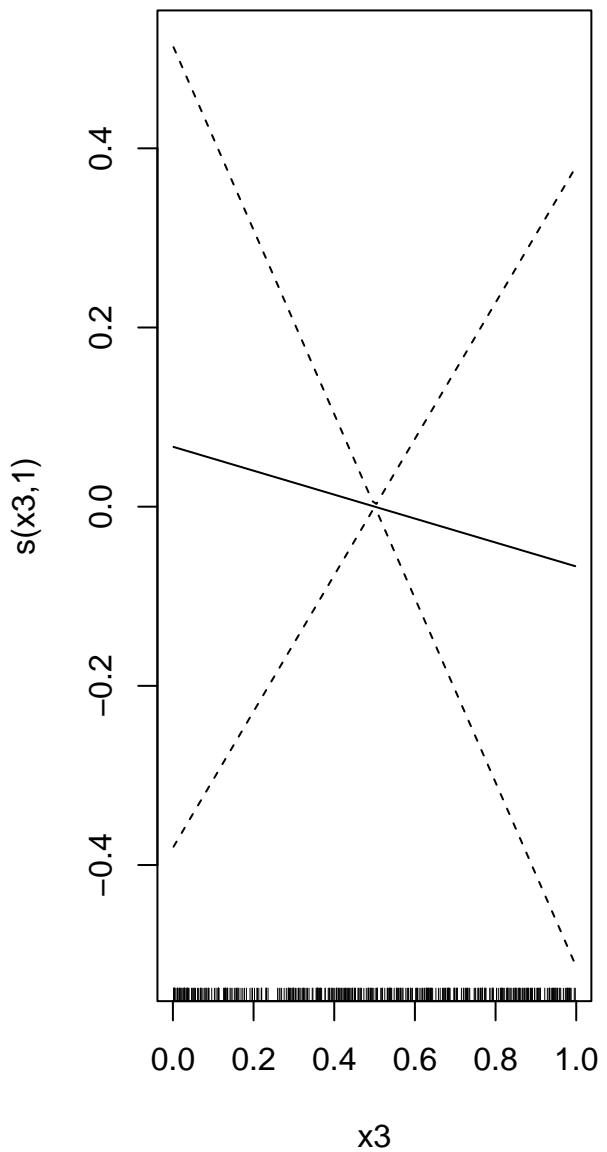
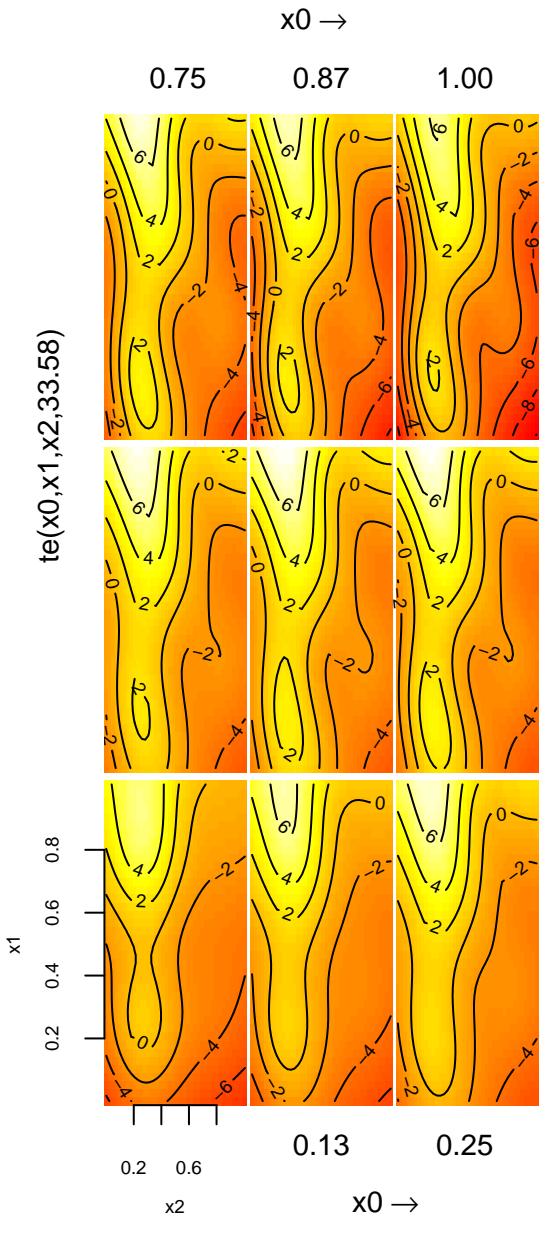
$s(x_1, x_2, 23.94)$

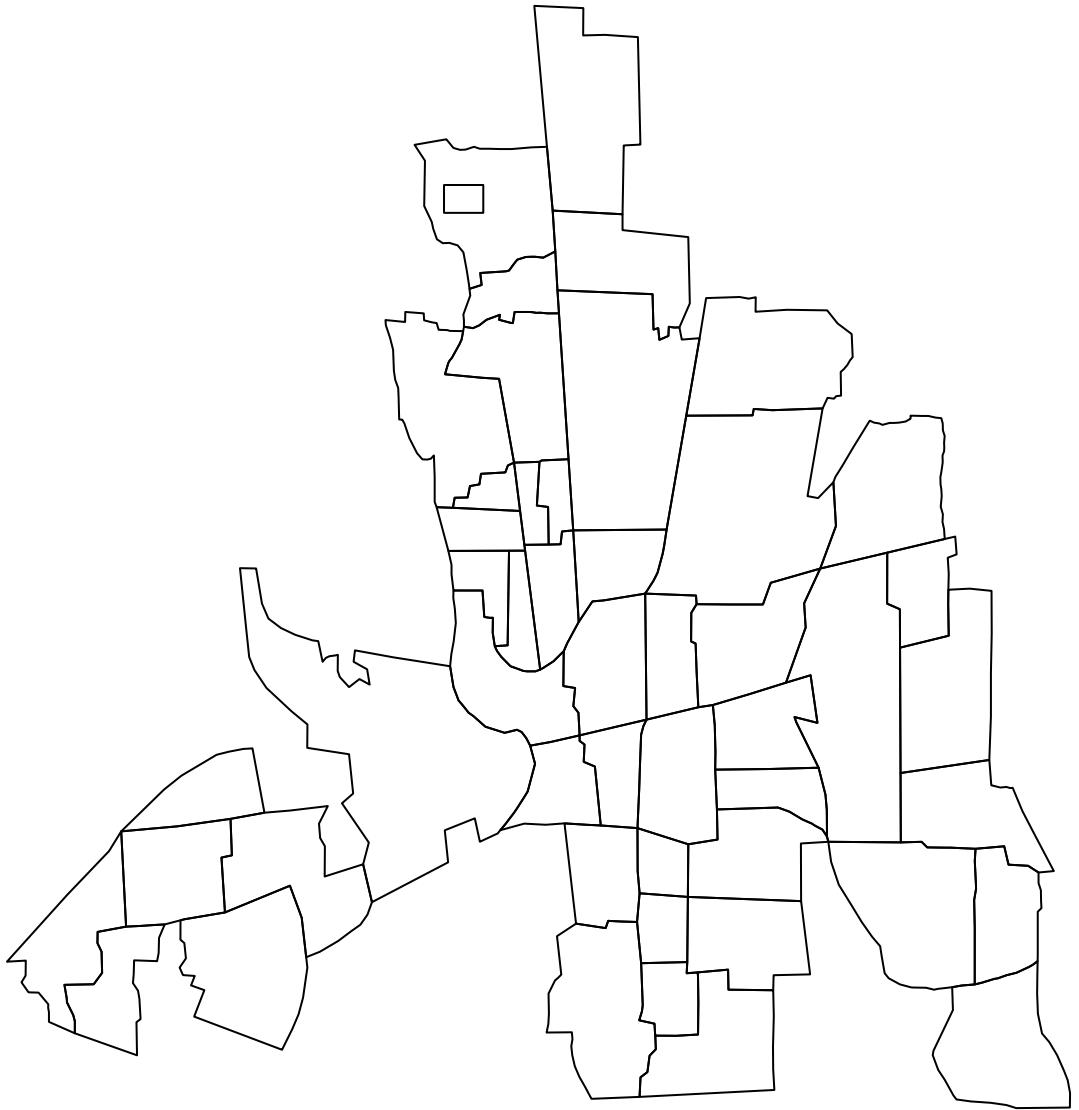


x_0



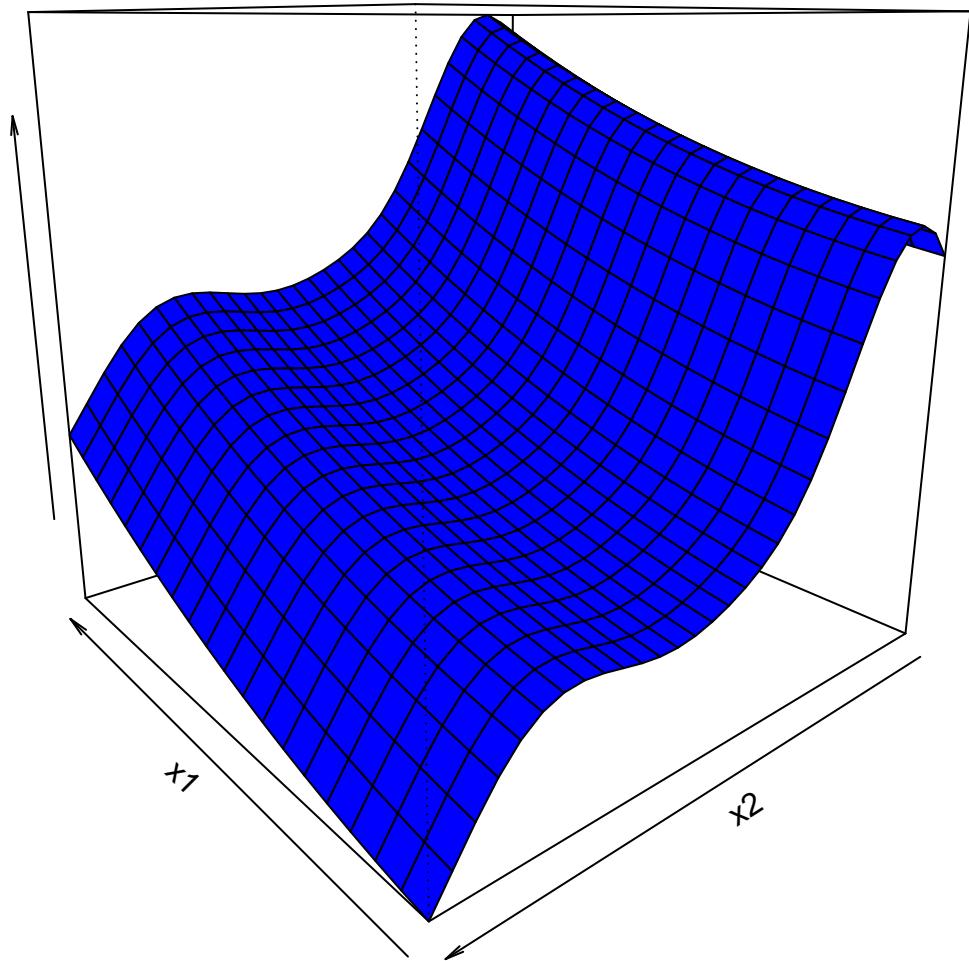
help("plot,gam")



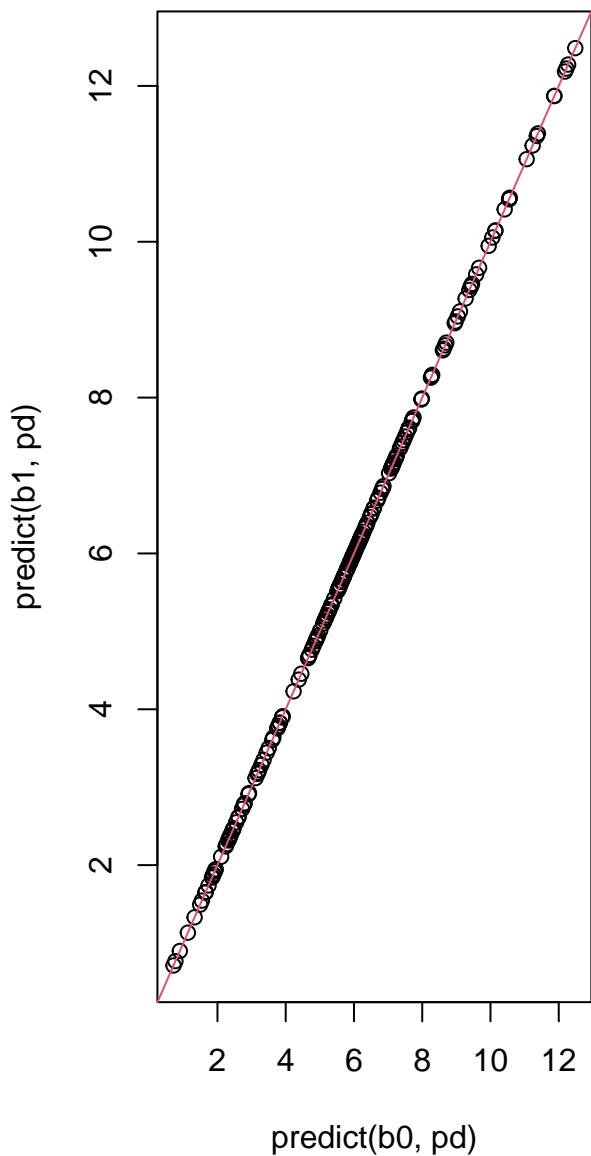


help("polys.plot")

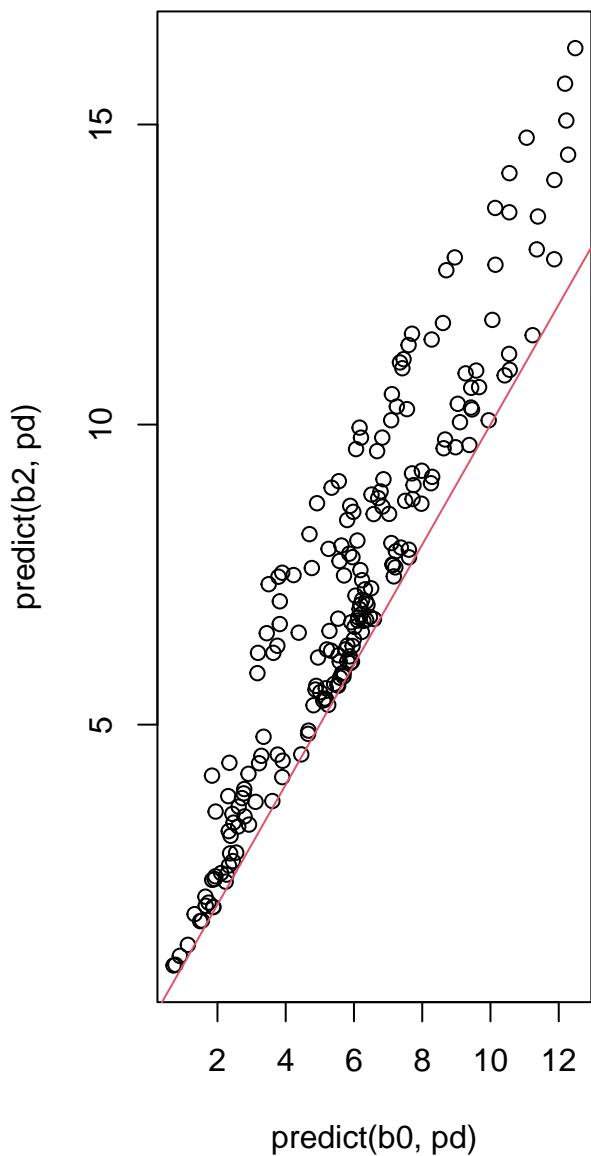
help("predict.gam")



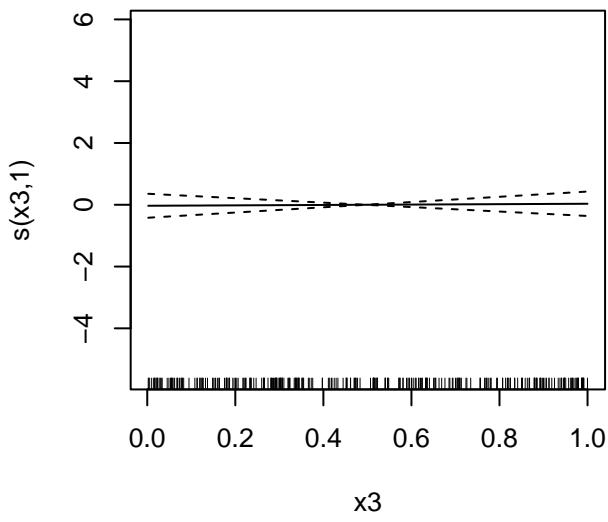
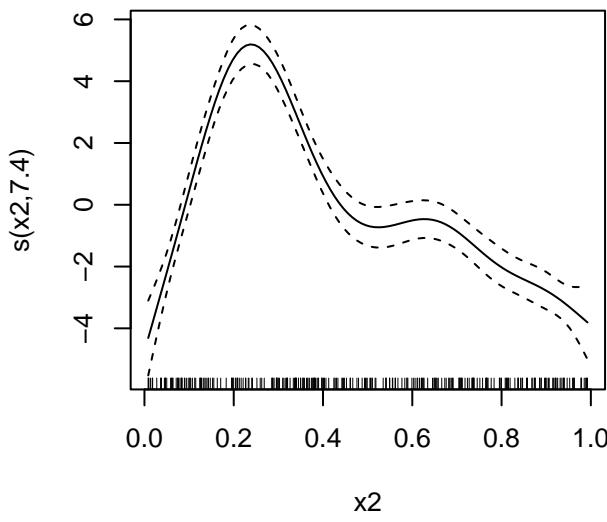
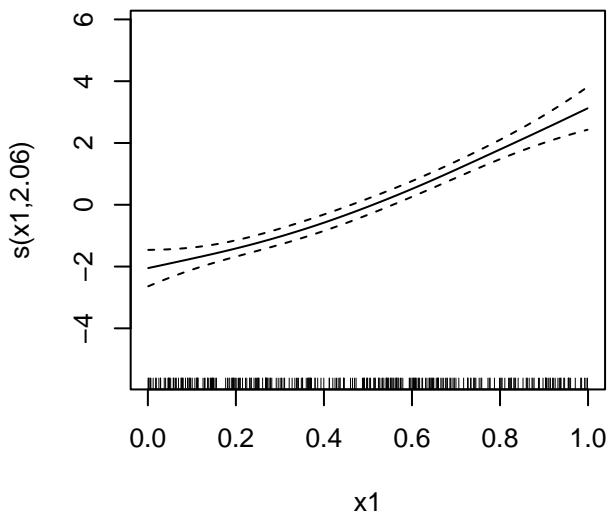
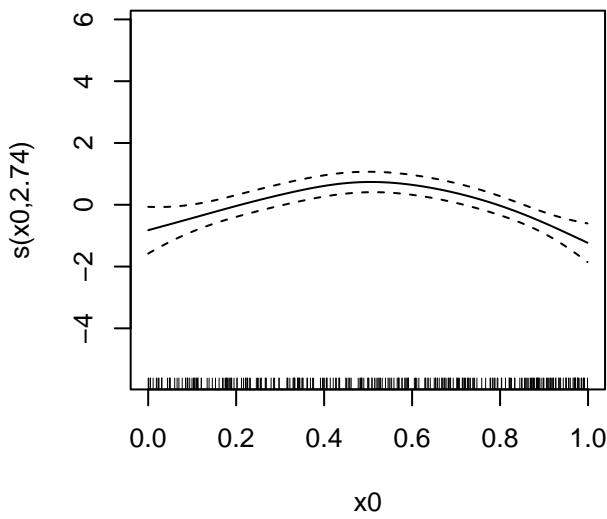
b0 and b1 predictions match



b2 unsafe, doesn't match

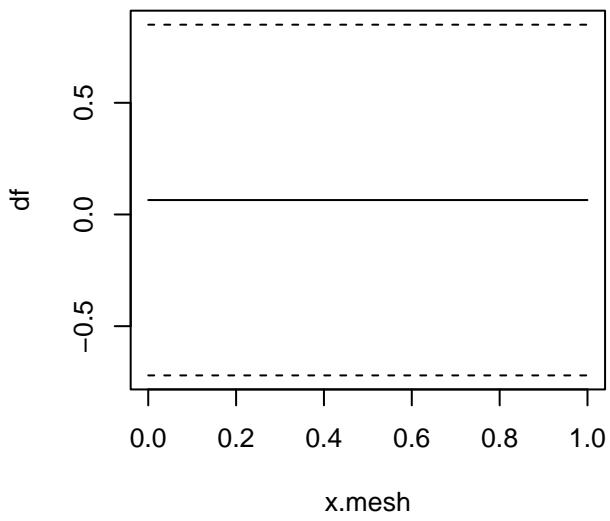
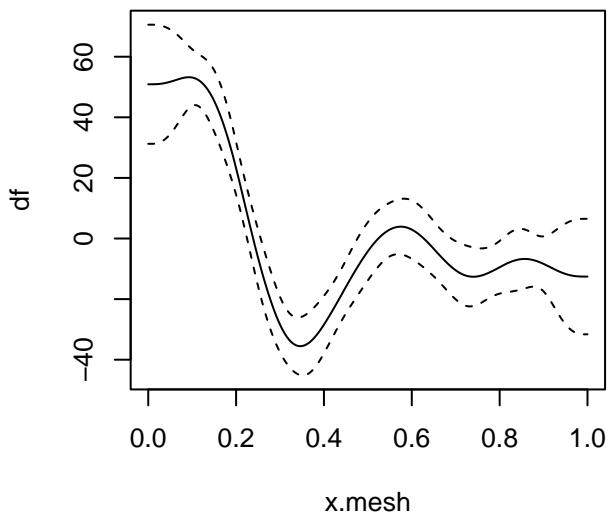
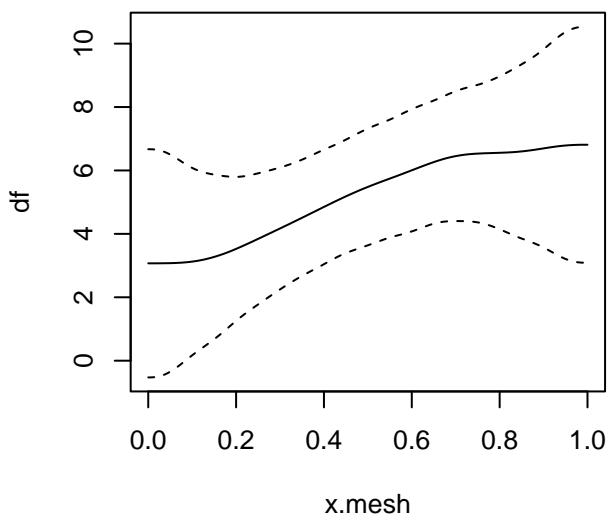
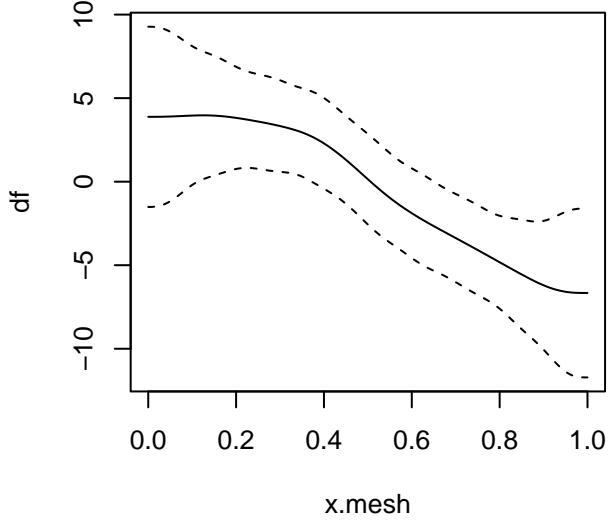


help("predict.gam")

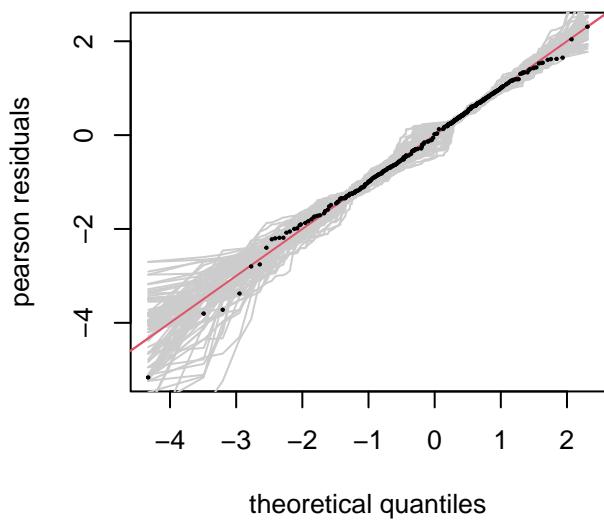
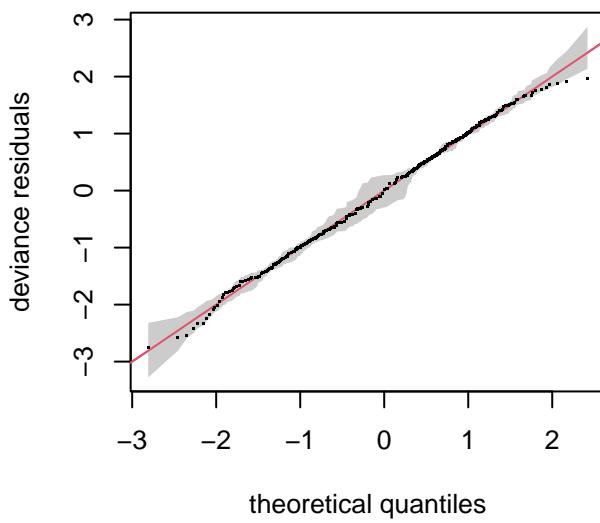
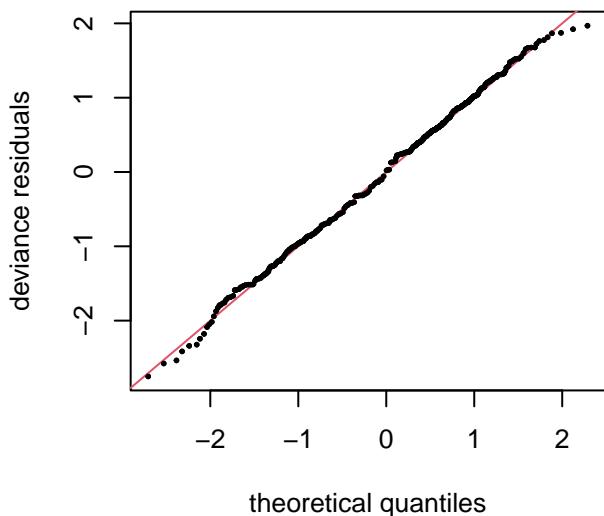
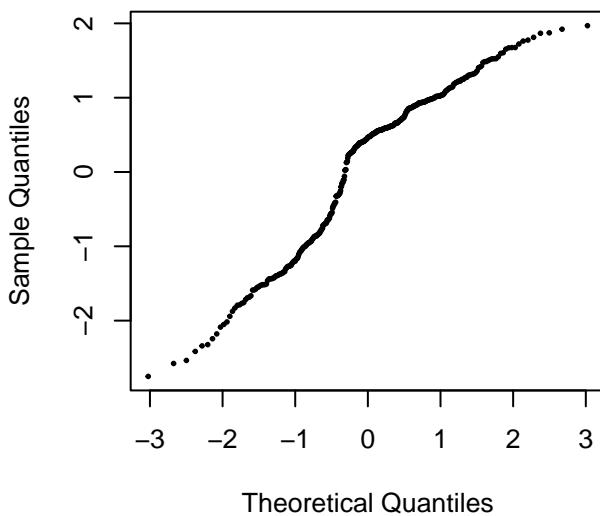


help("predict.gam")

help("predict.gam")

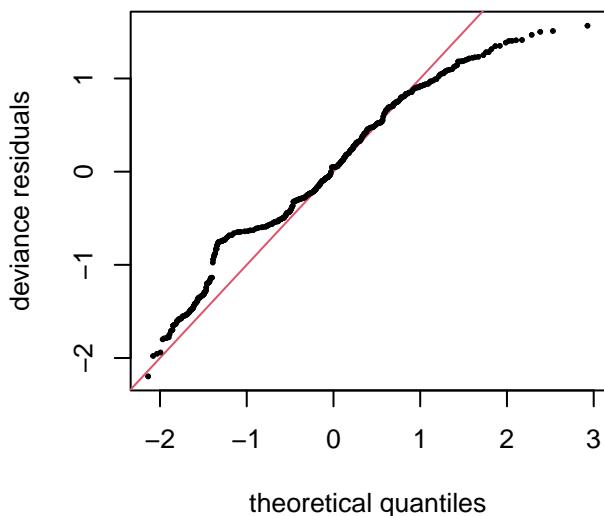
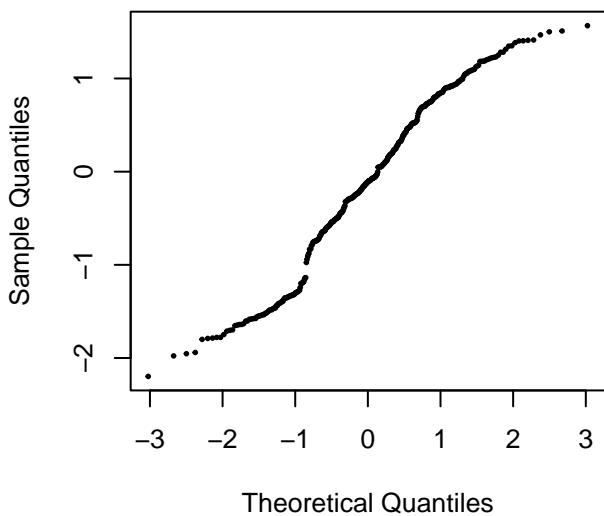


Normal Q-Q Plot

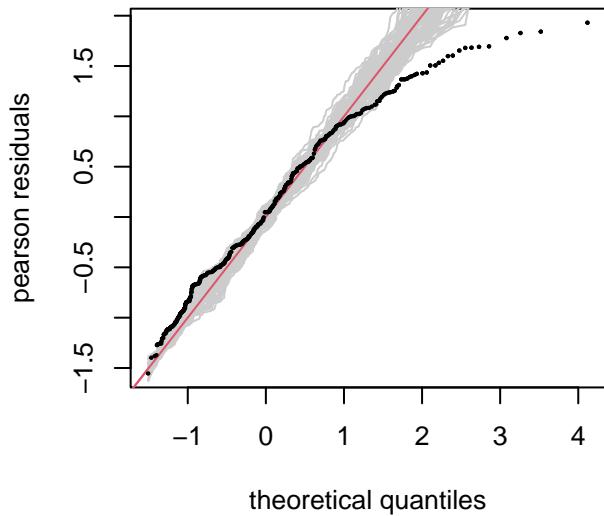
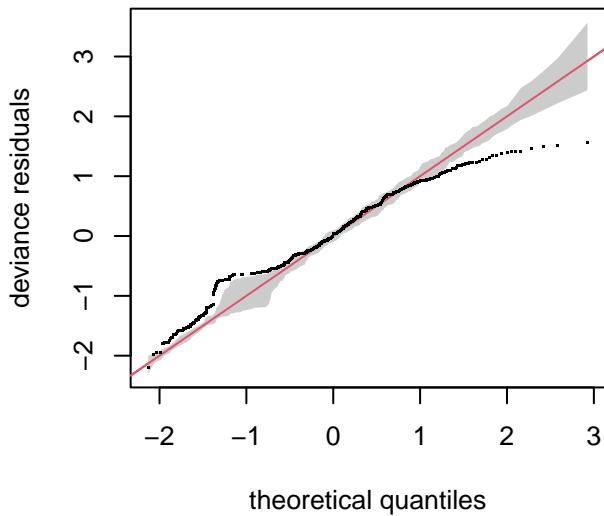


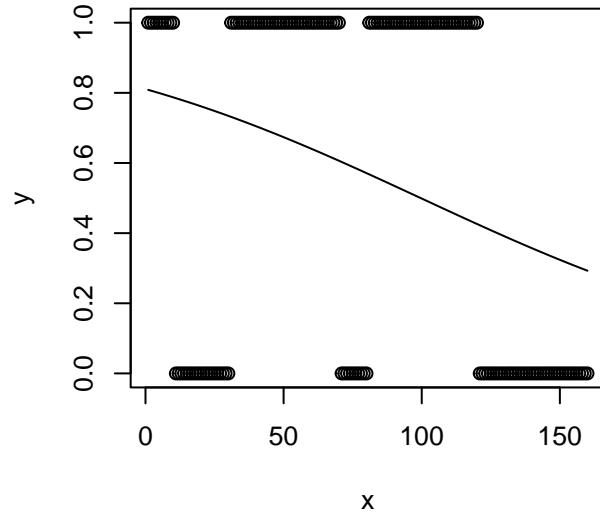
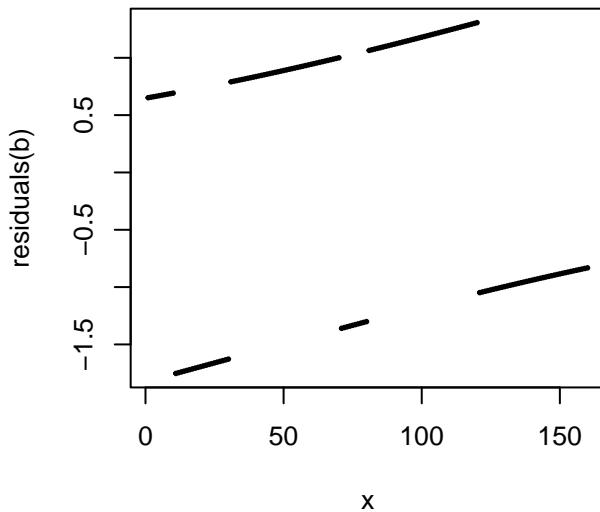
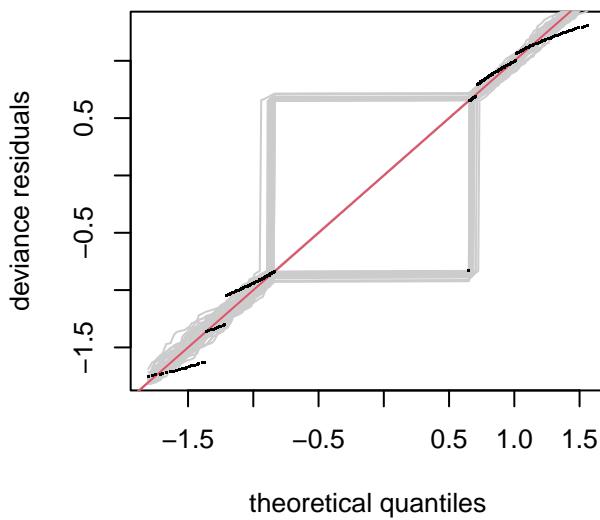
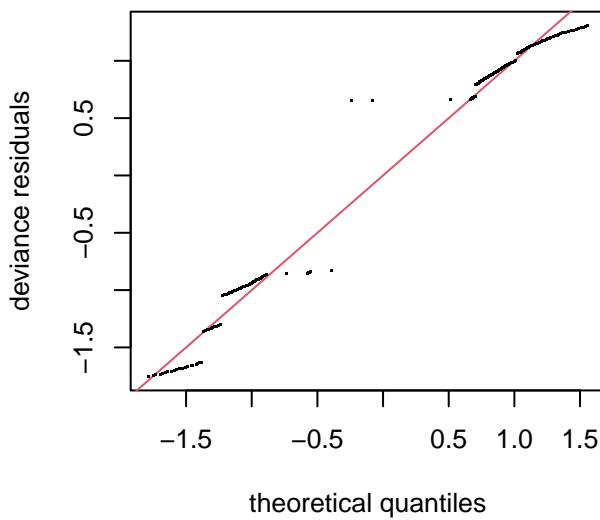
help("qq.gam")

Normal Q–Q Plot

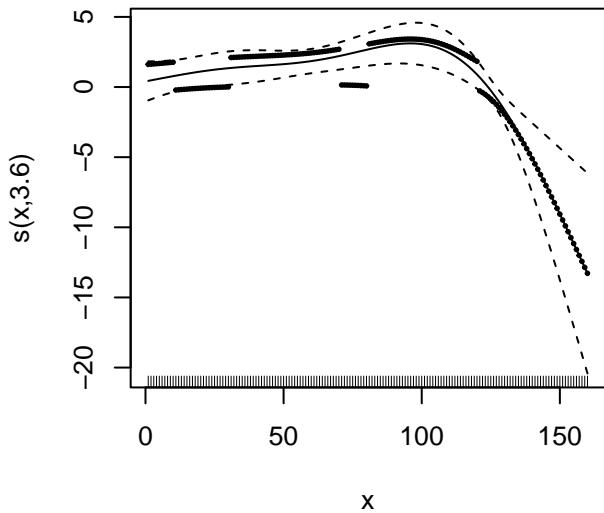
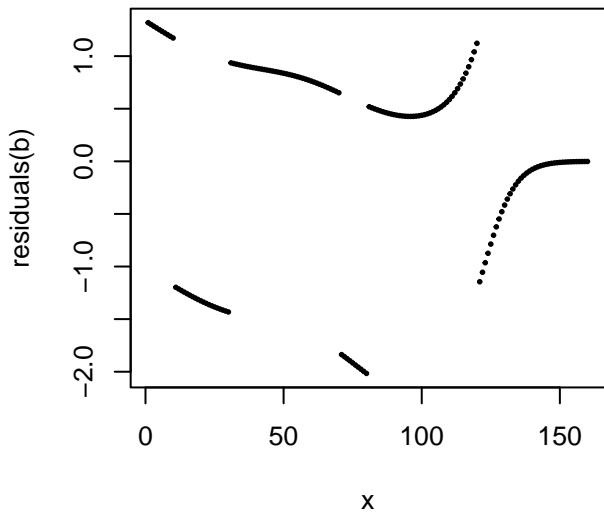
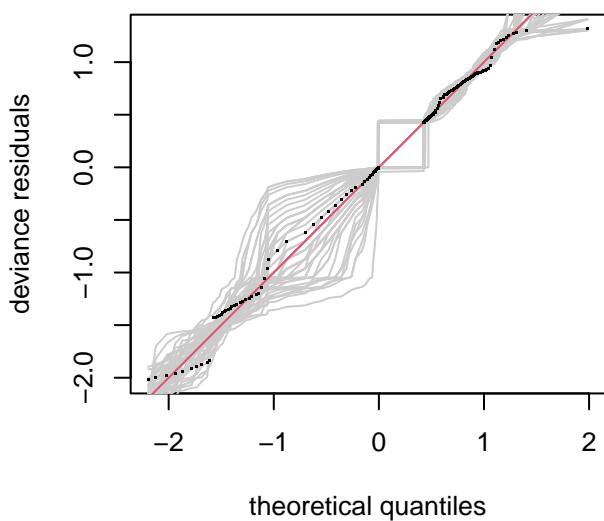
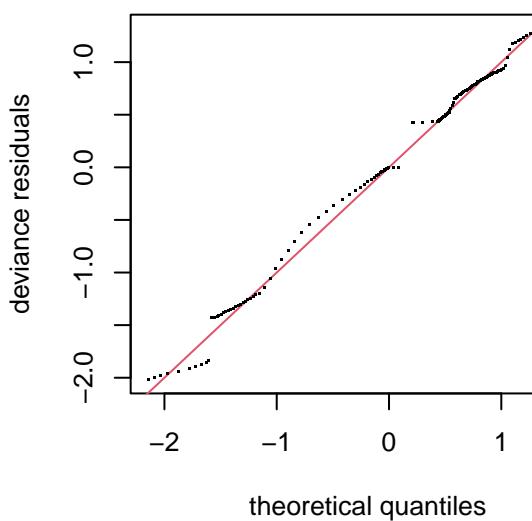


help("qq.gam")



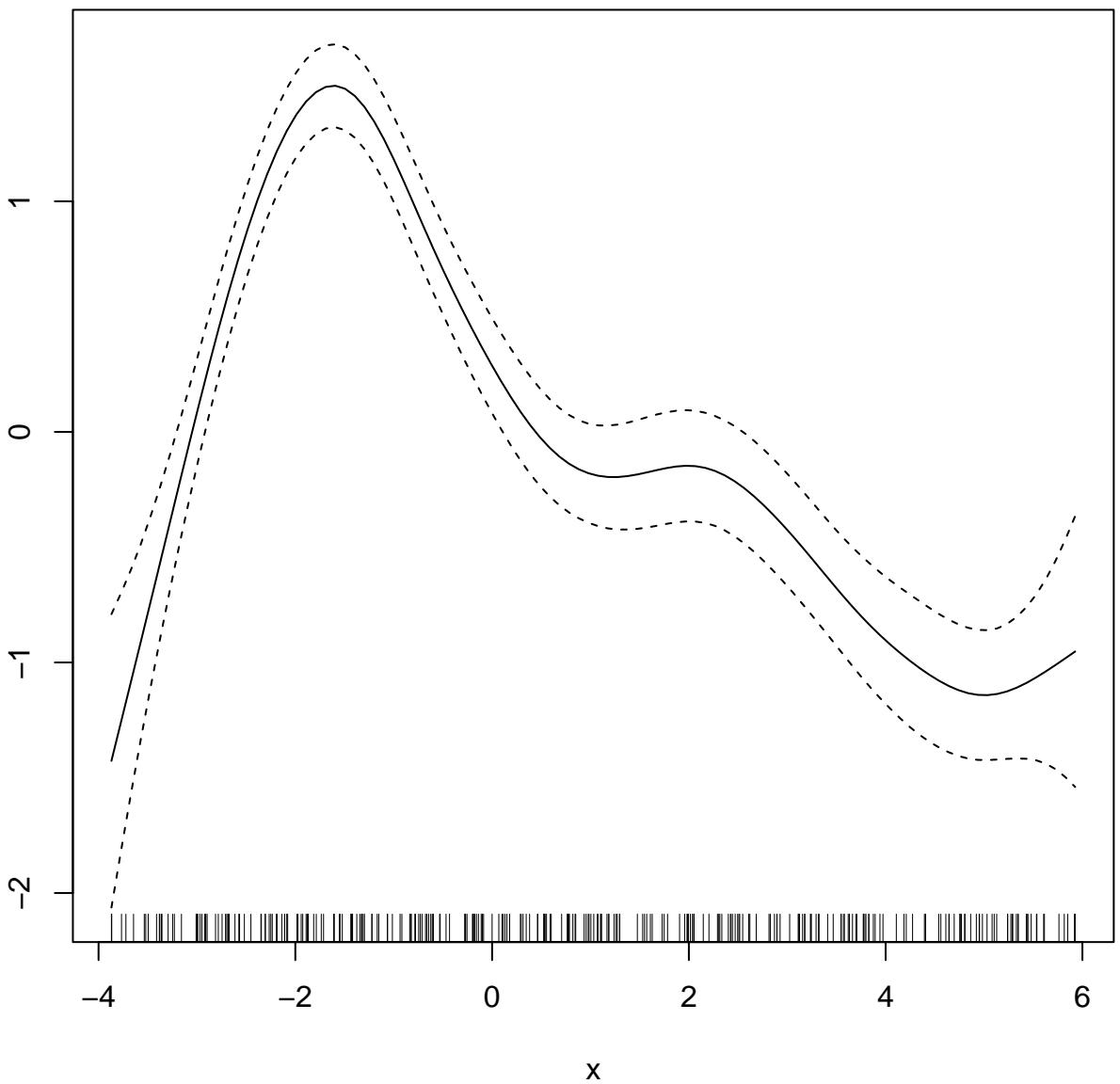


help("qq.gam")

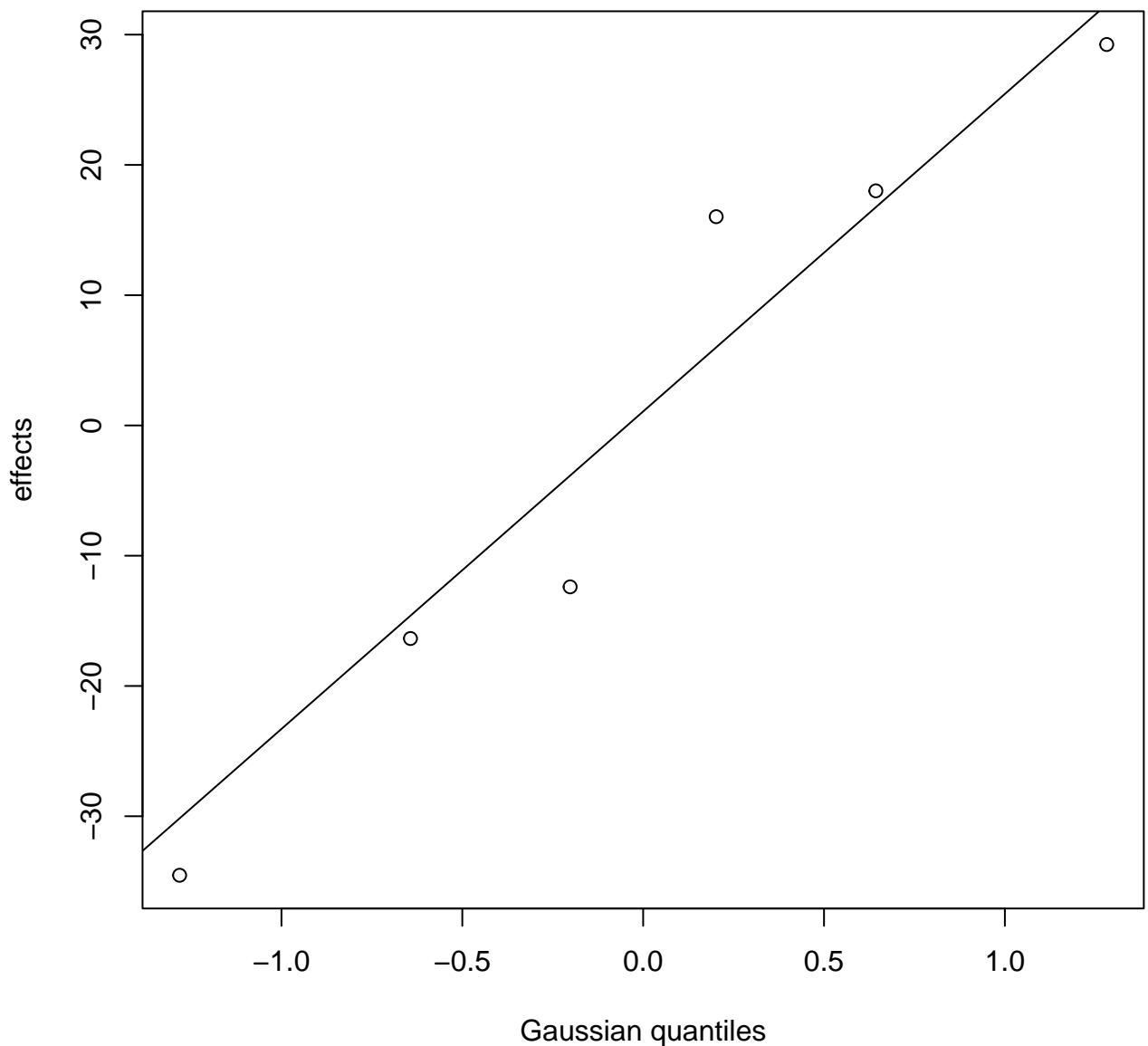


help("rTweedie")

$s(x, 7, 12)$

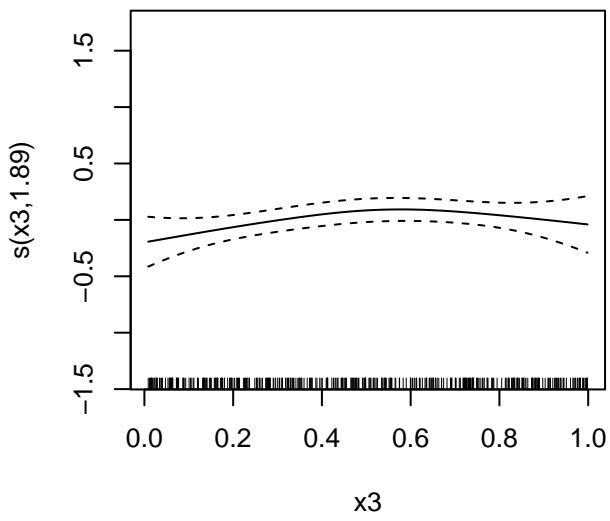
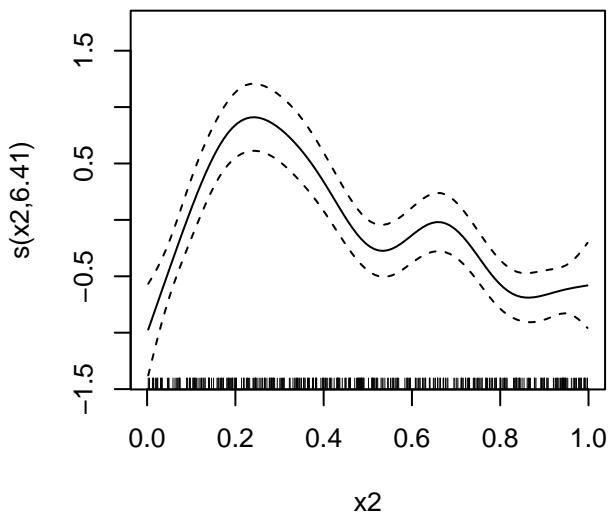
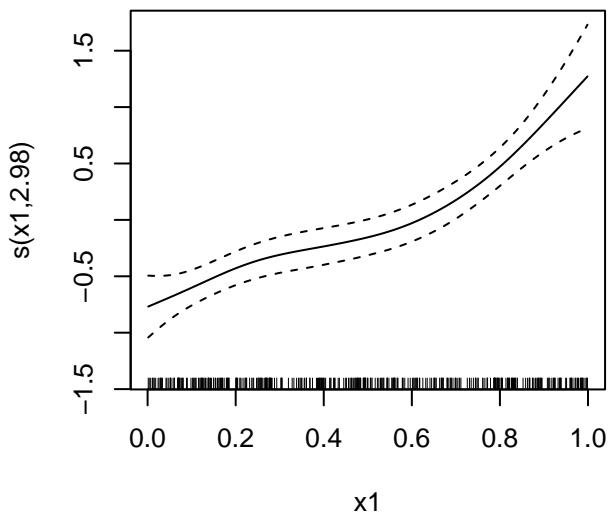
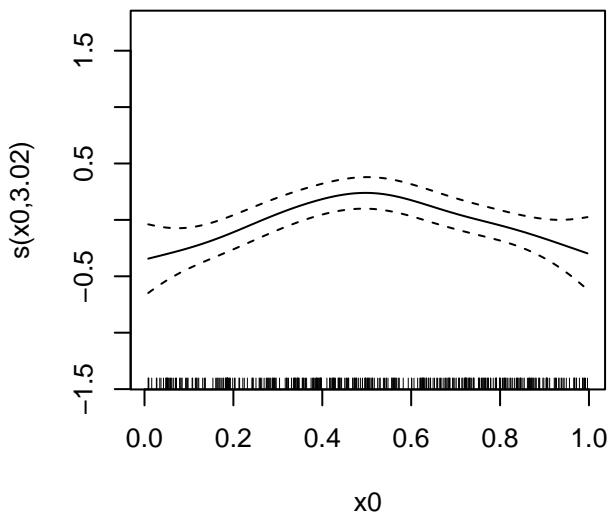


s(Rail,4.96)

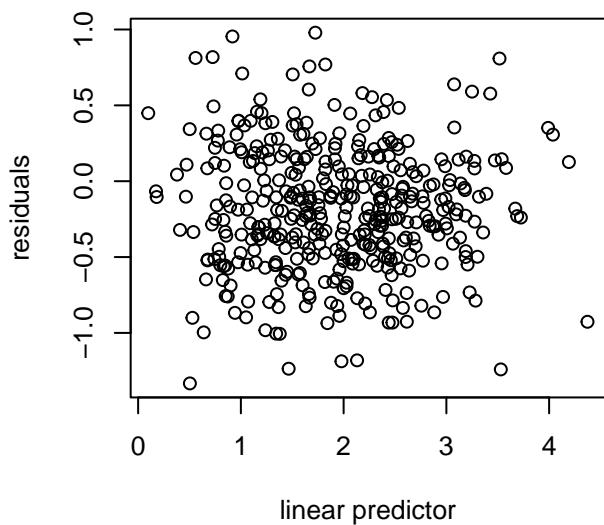
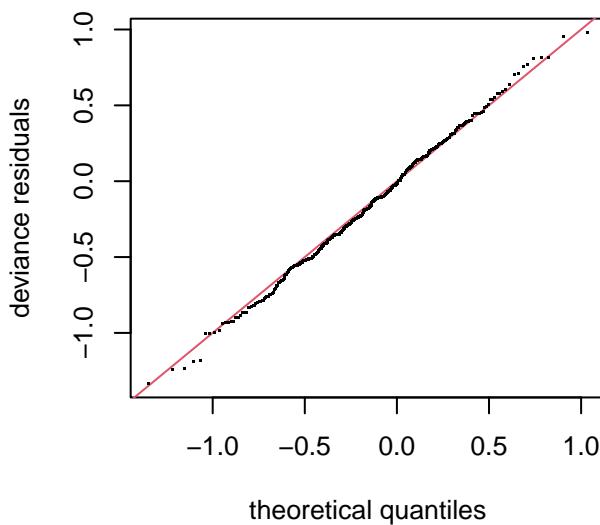


help("random.effects")

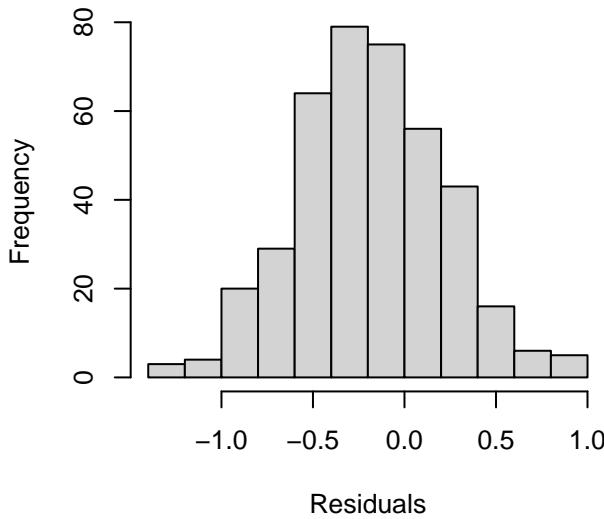
help("rig")



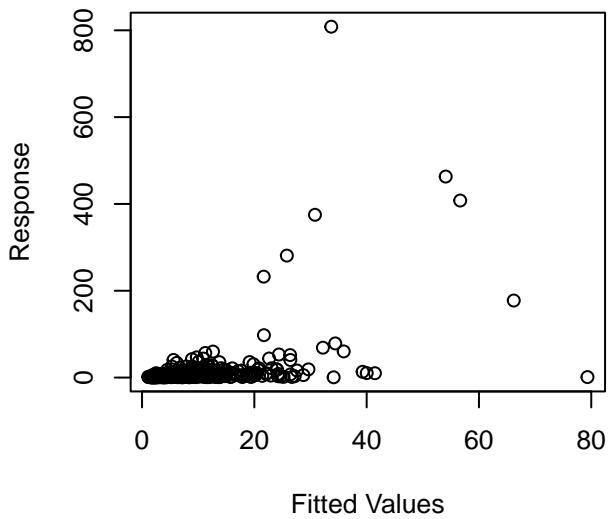
Resids vs. linear pred.



Histogram of residuals

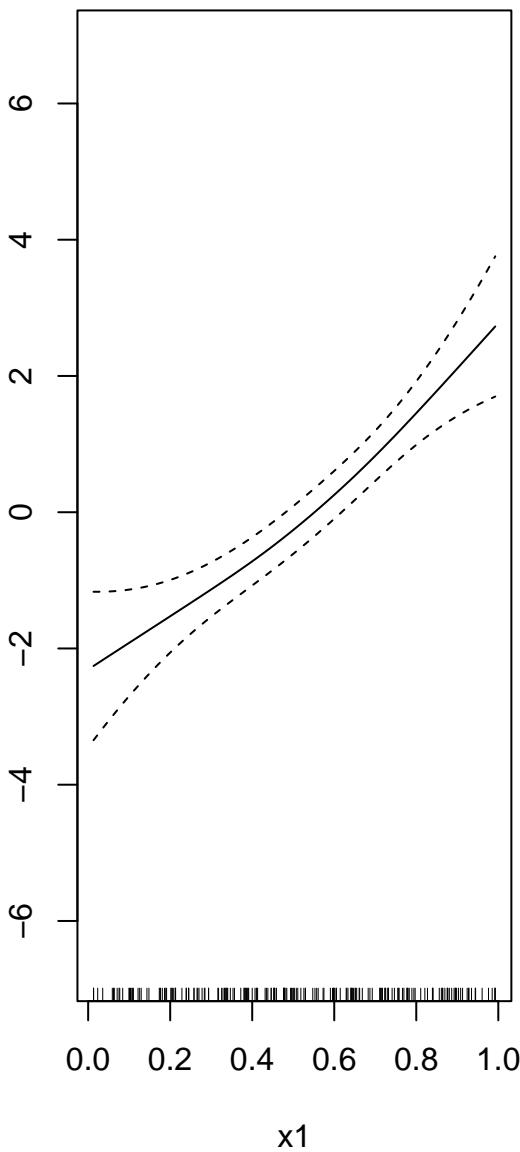


Response vs. Fitted Values

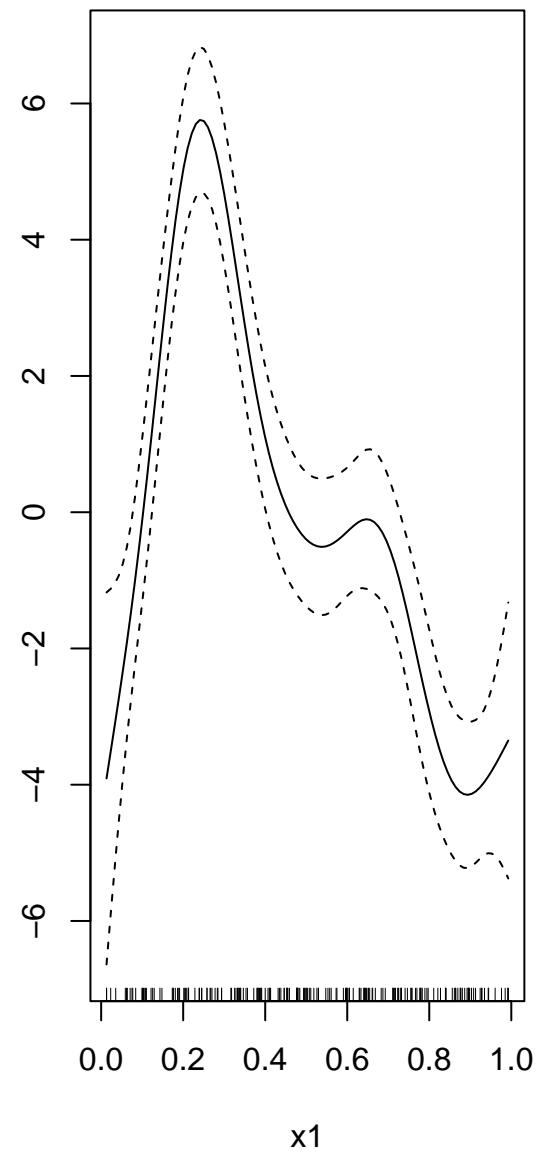


help("rig")

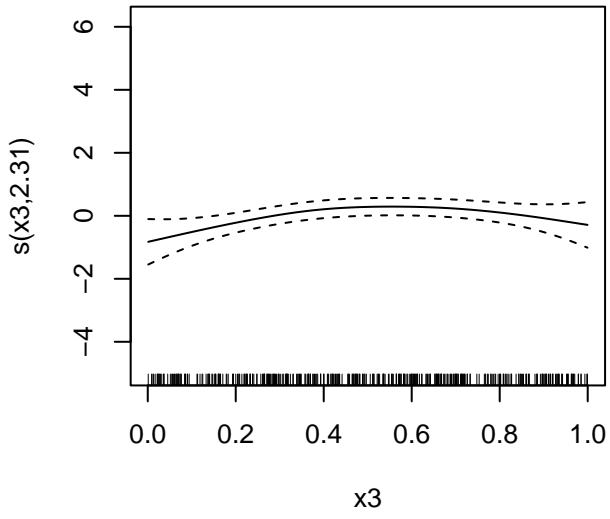
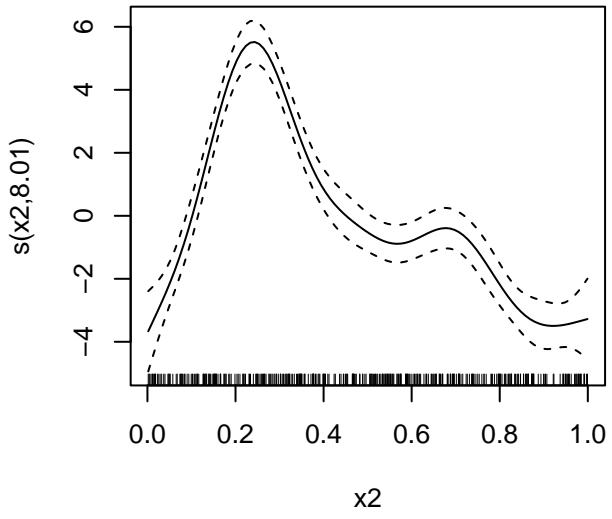
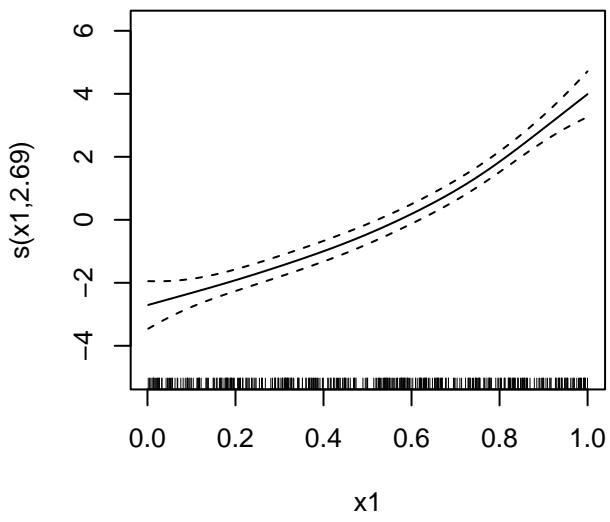
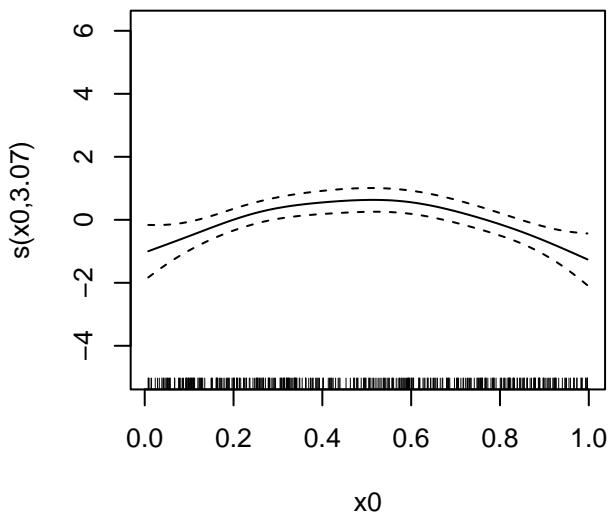
$s(x1,1.58):fac1$



$s(x1,7.35):fac2$

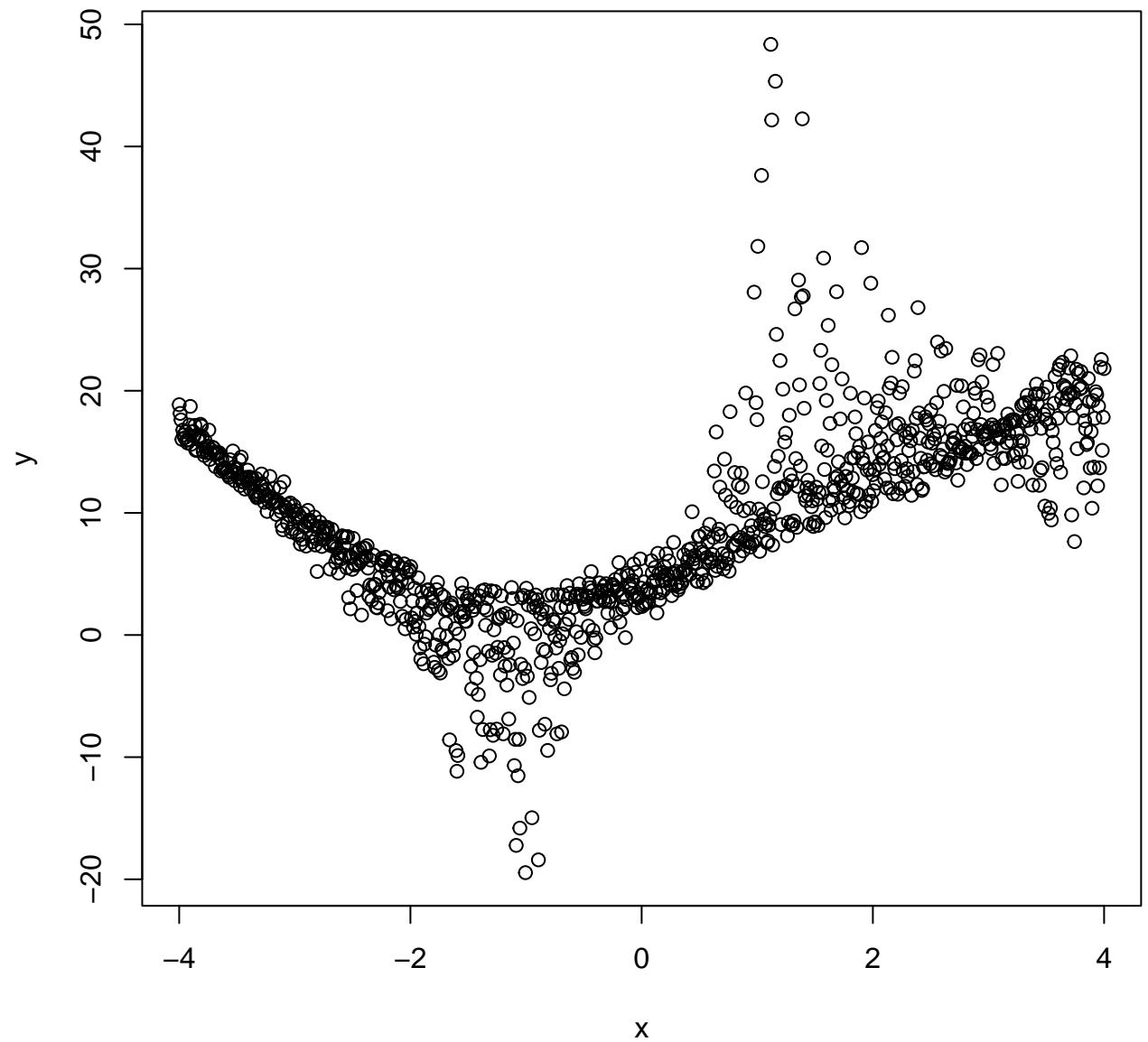


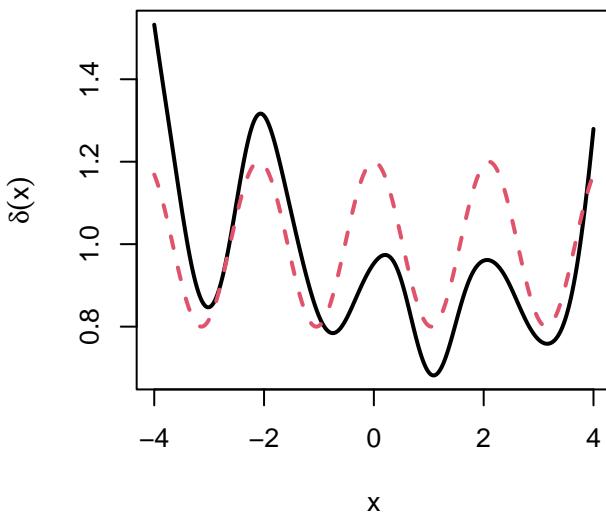
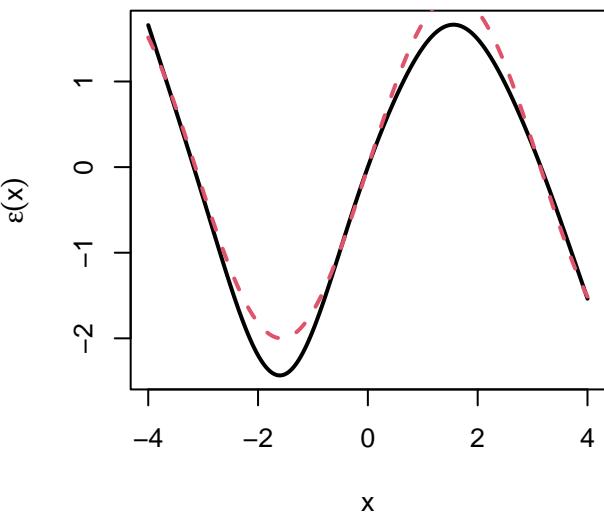
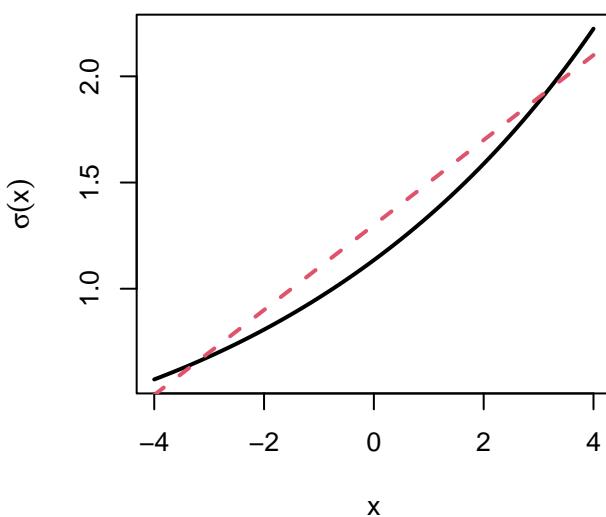
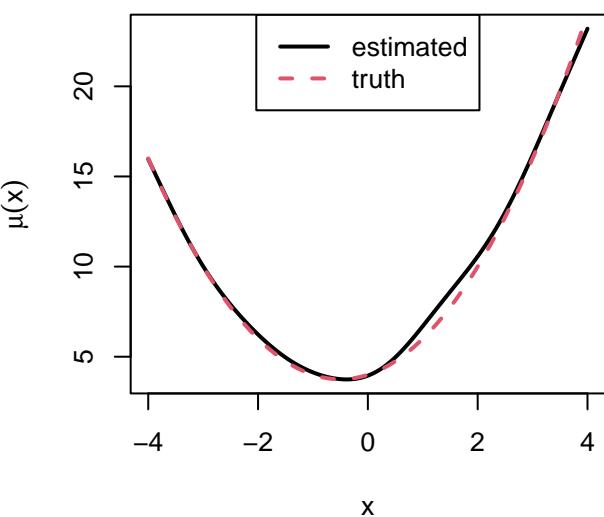
help("s")



help("scat")

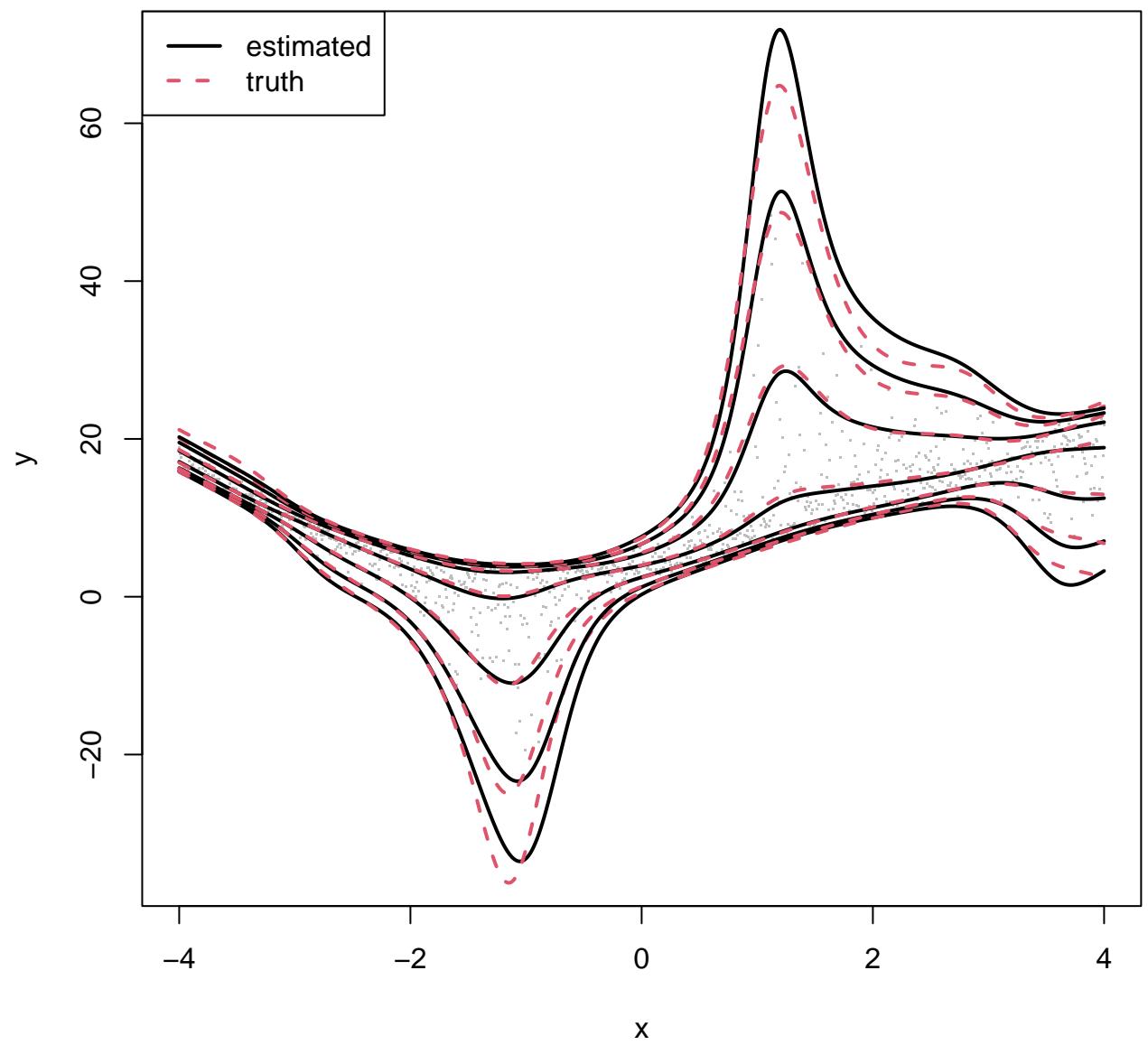
help("shash")



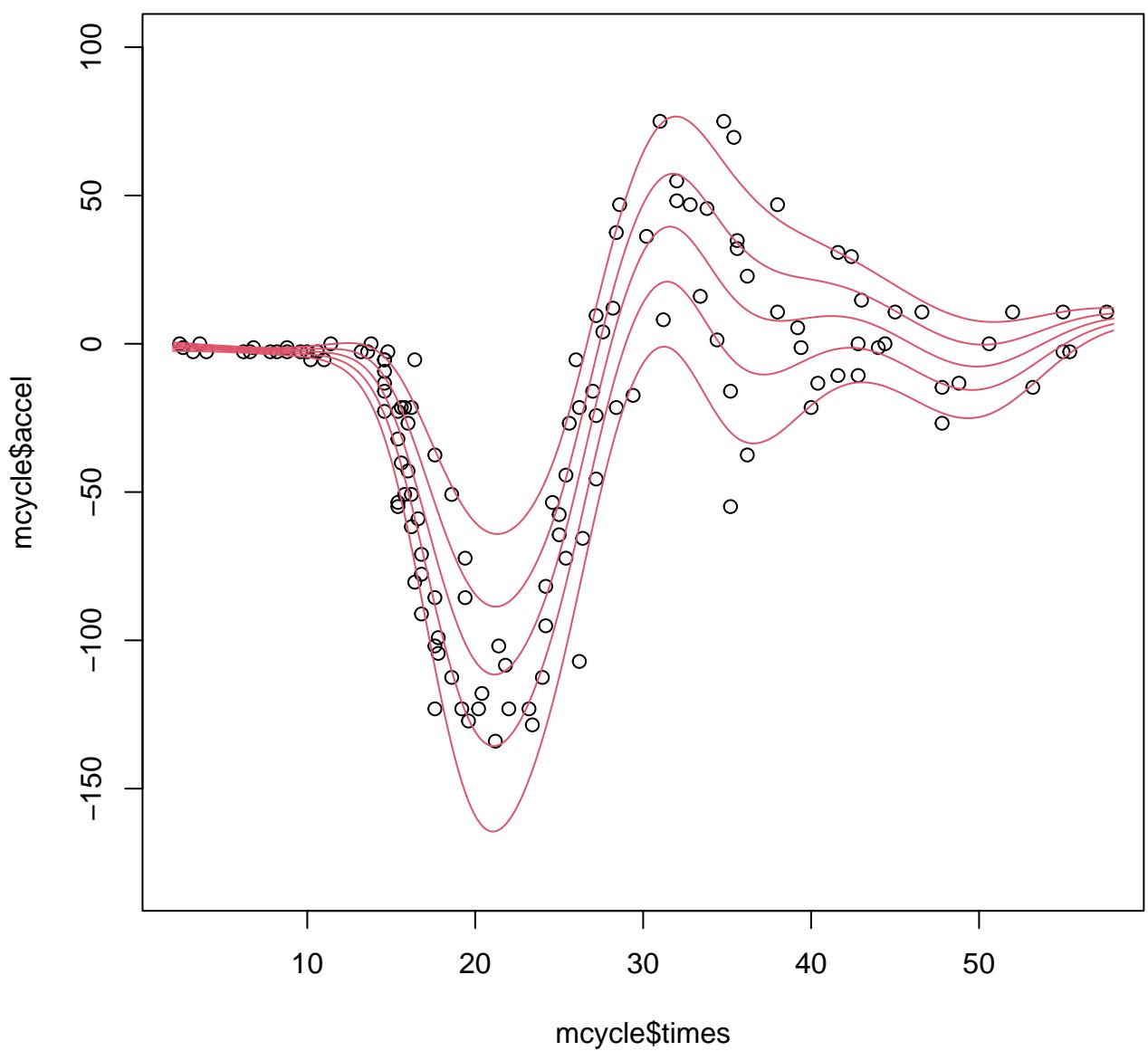


help("shash")

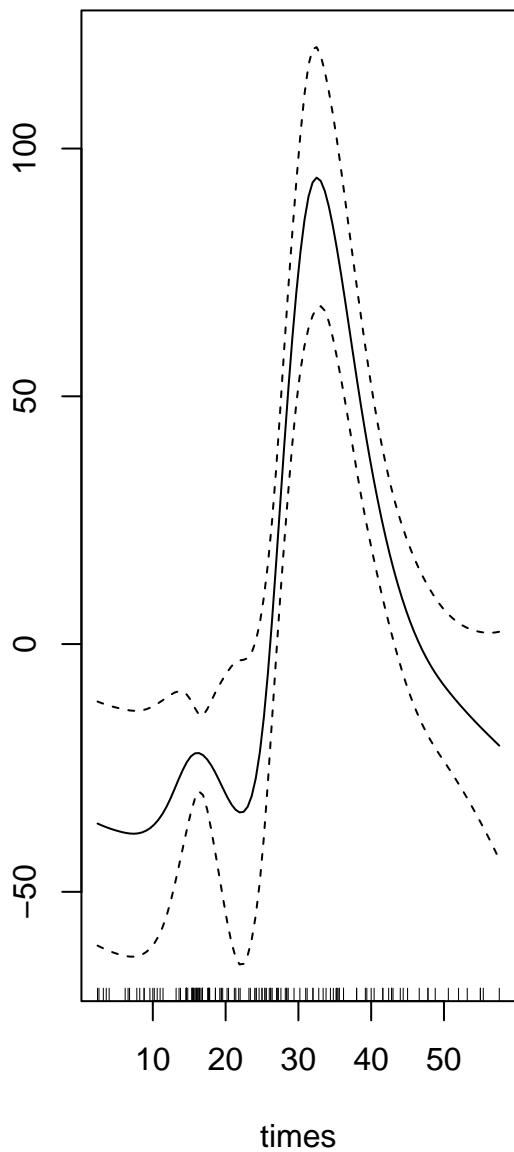
help("shash")



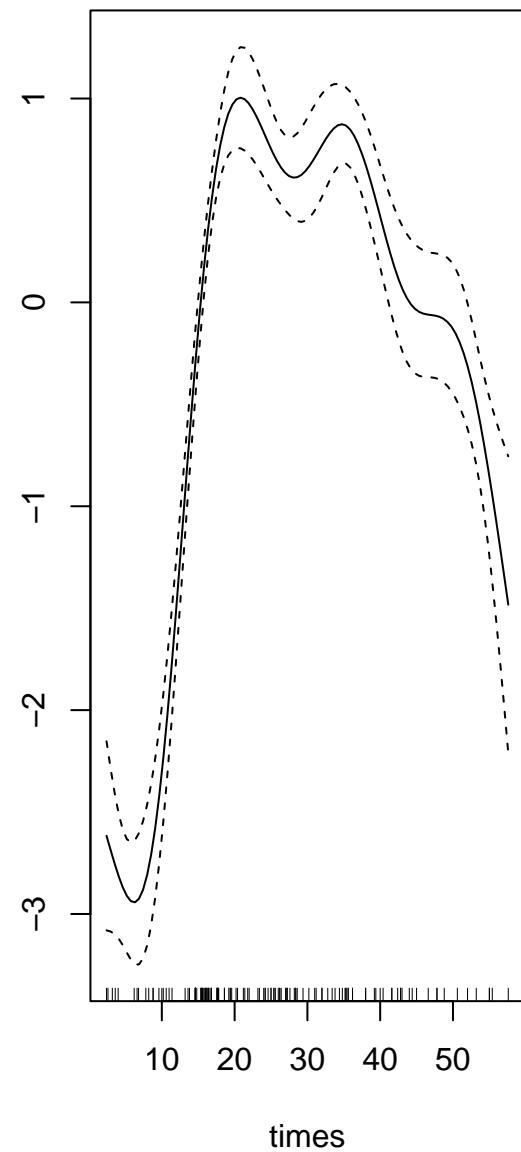
help("shash")



s(times,8.75)

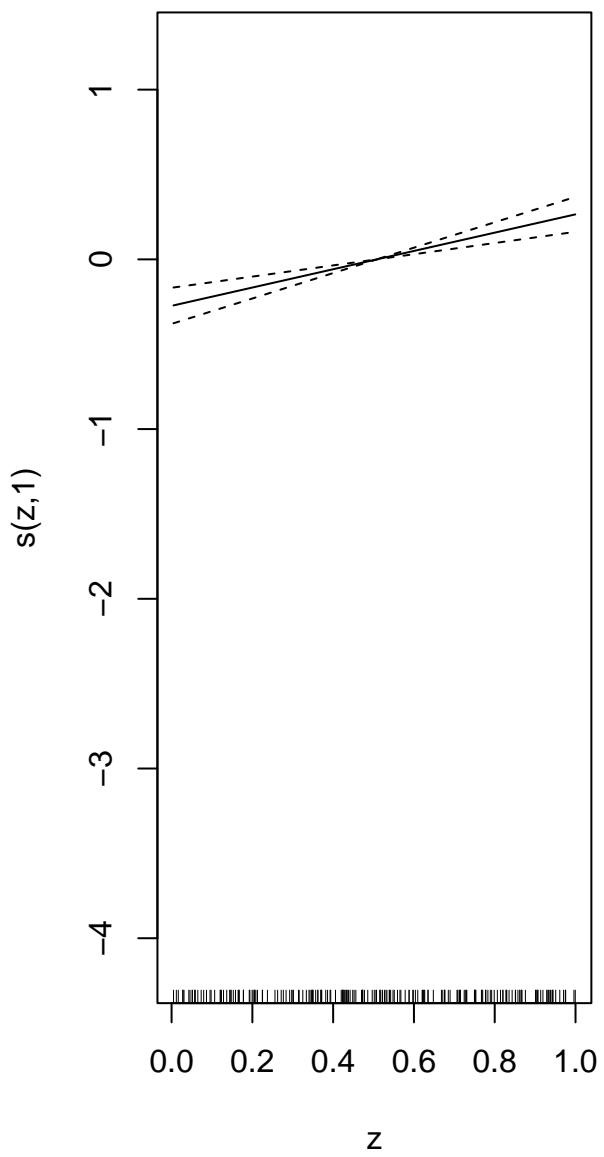
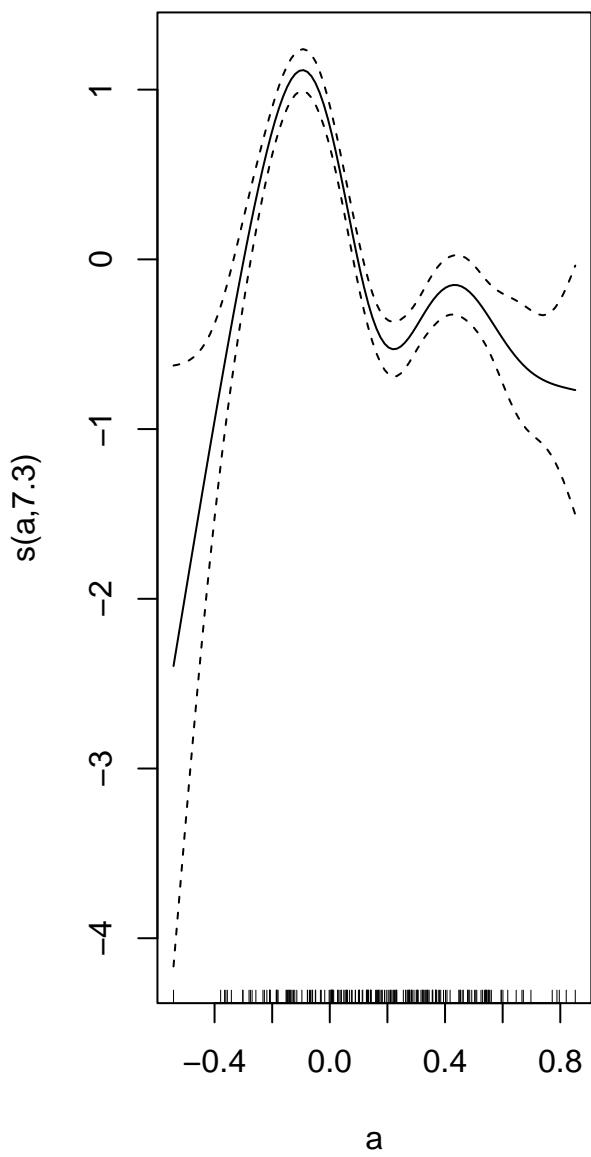


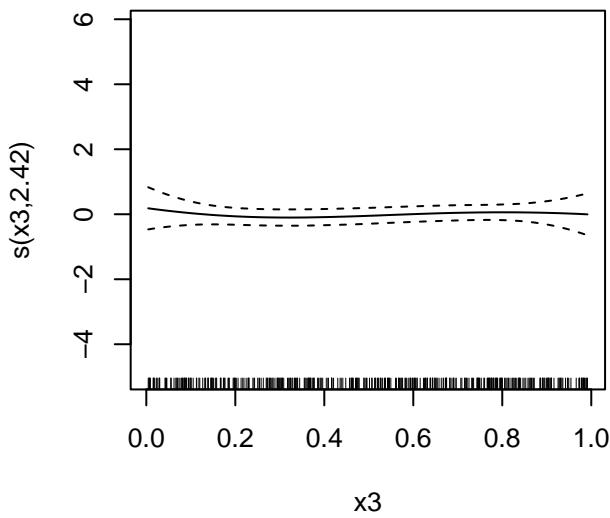
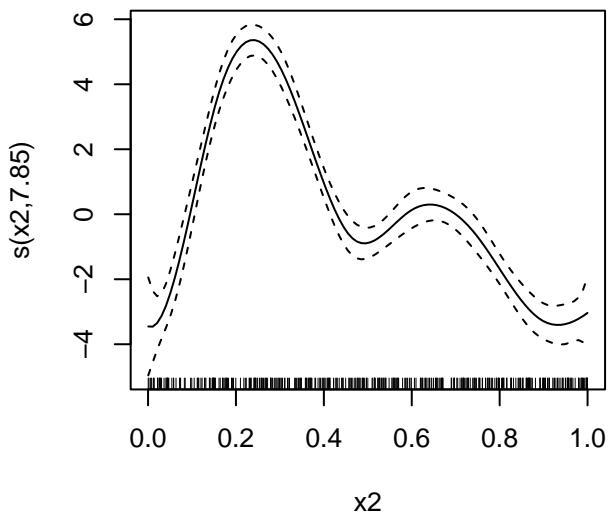
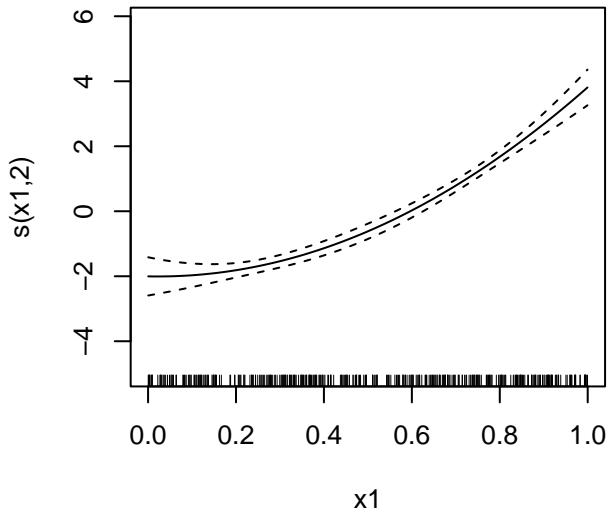
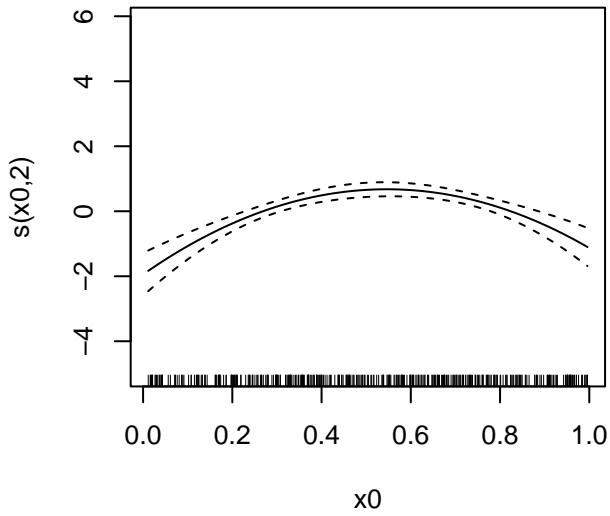
s.1(times,8.16)



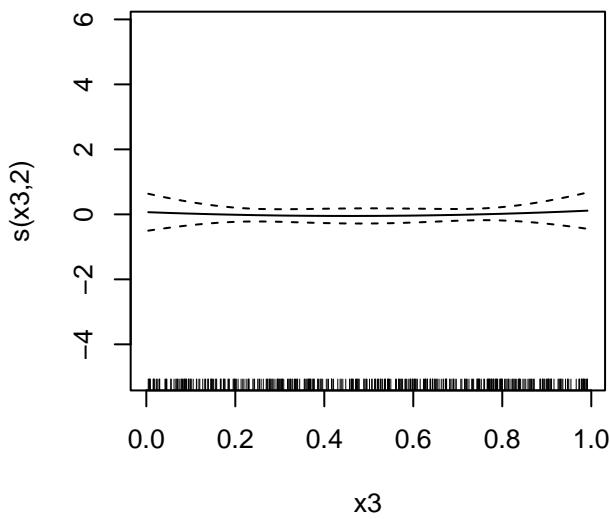
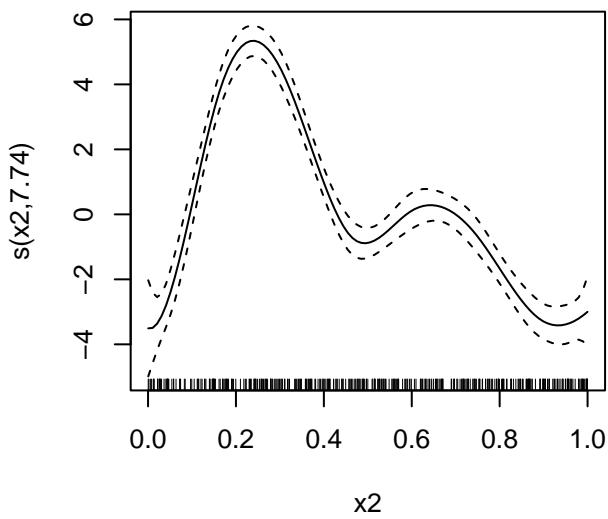
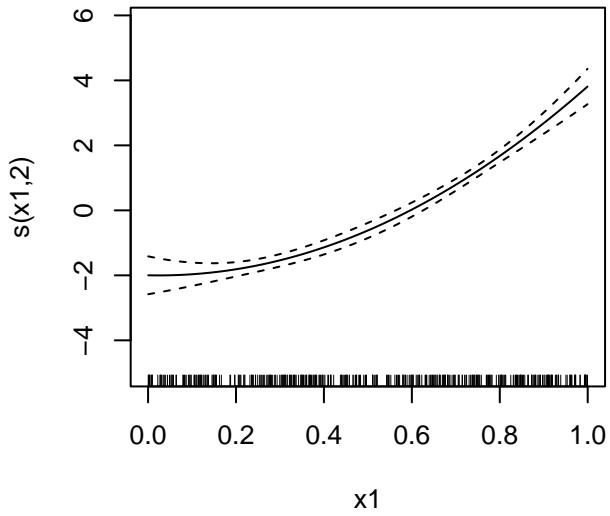
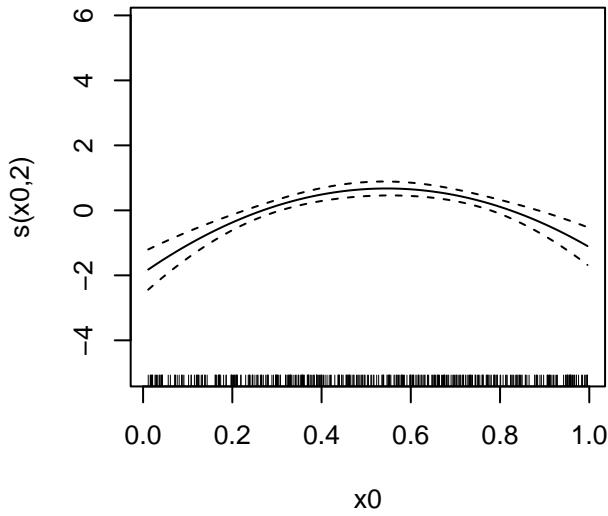
help("shash")

help("single.index")

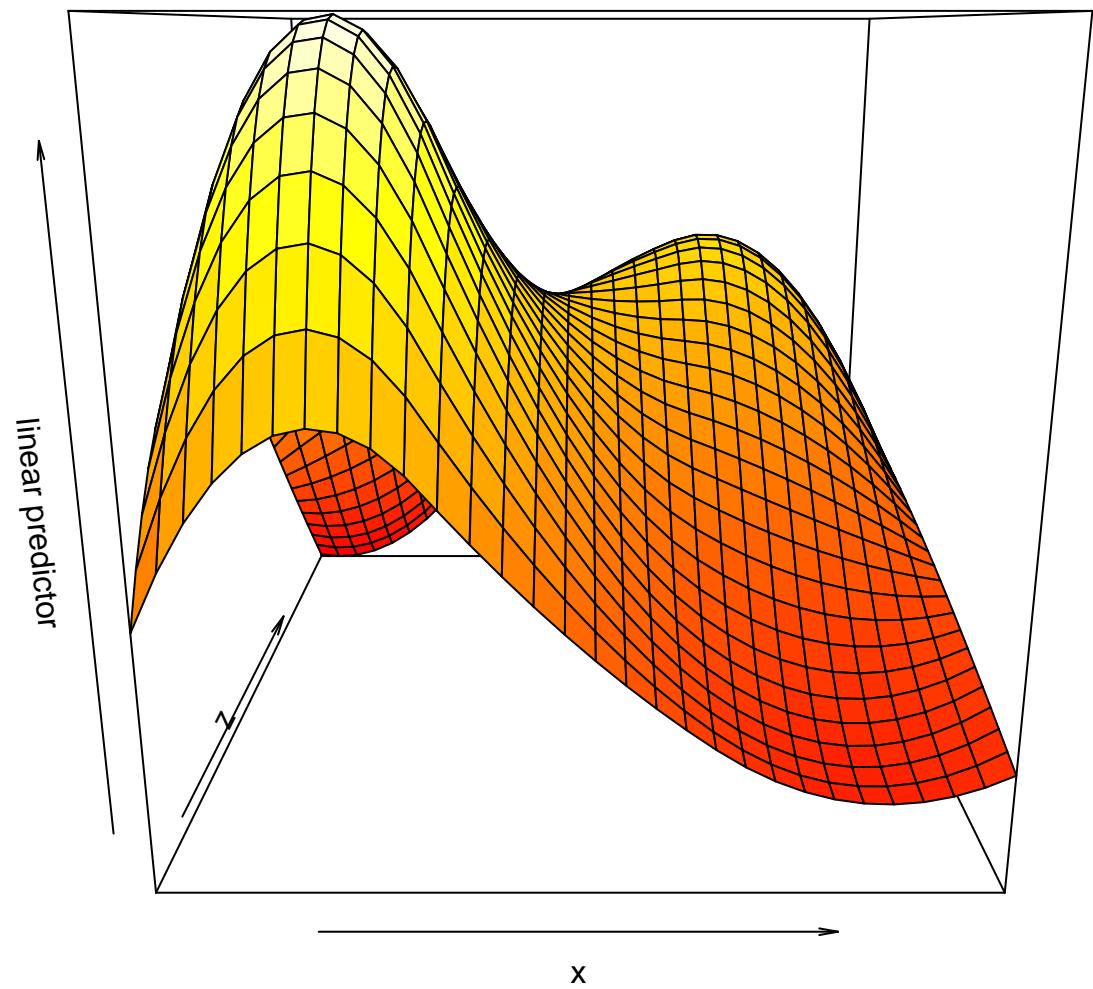




help("smooth.construct")

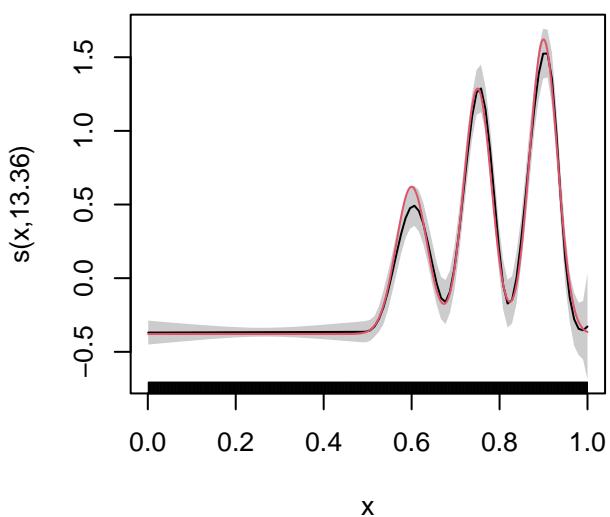


help("smooth.construct")

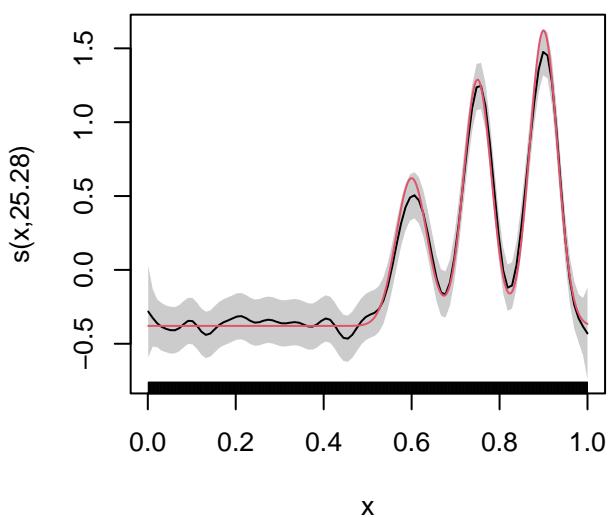


help("smooth.construct")

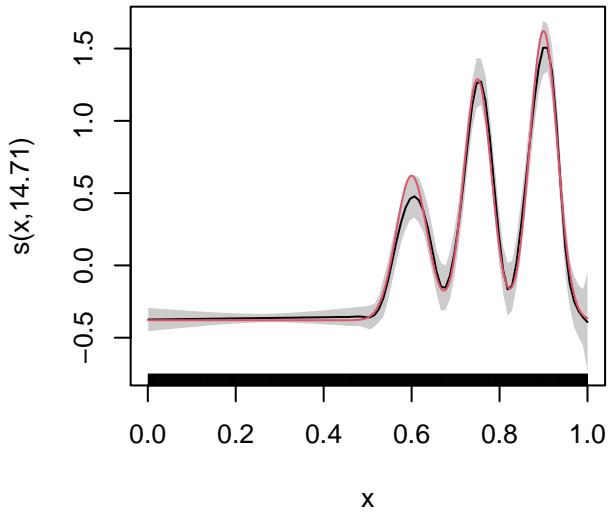
0.9963



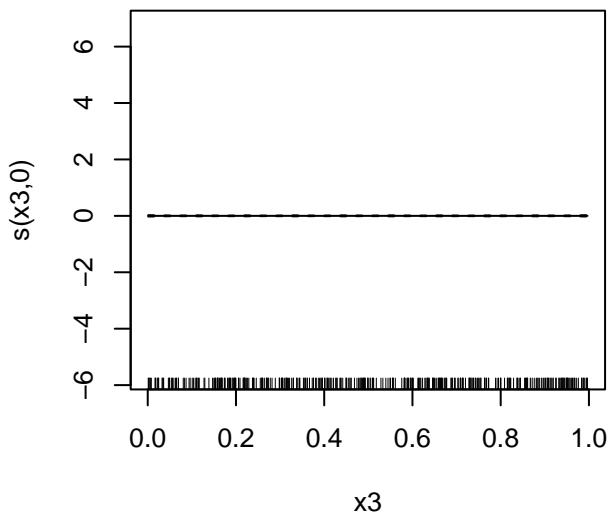
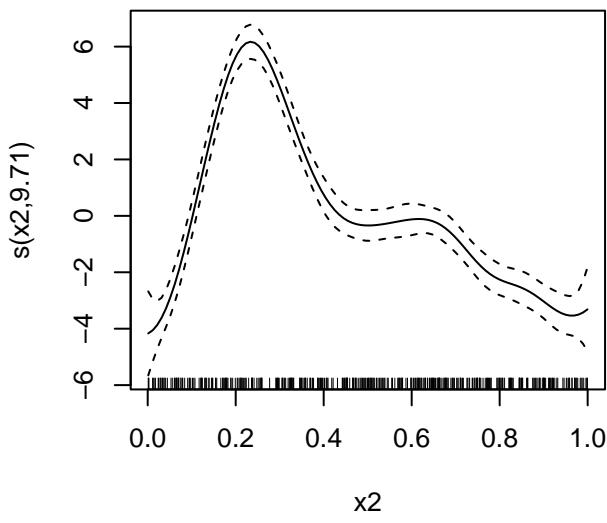
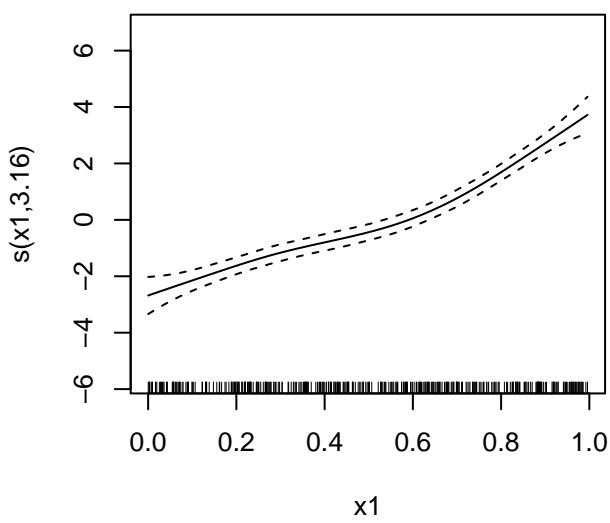
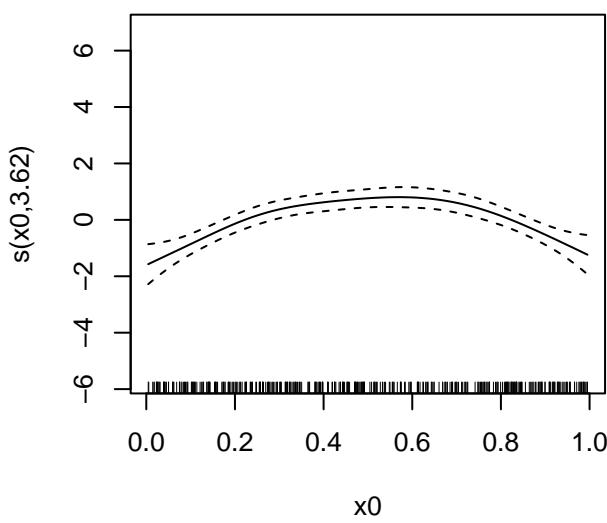
0.9957



0.9959

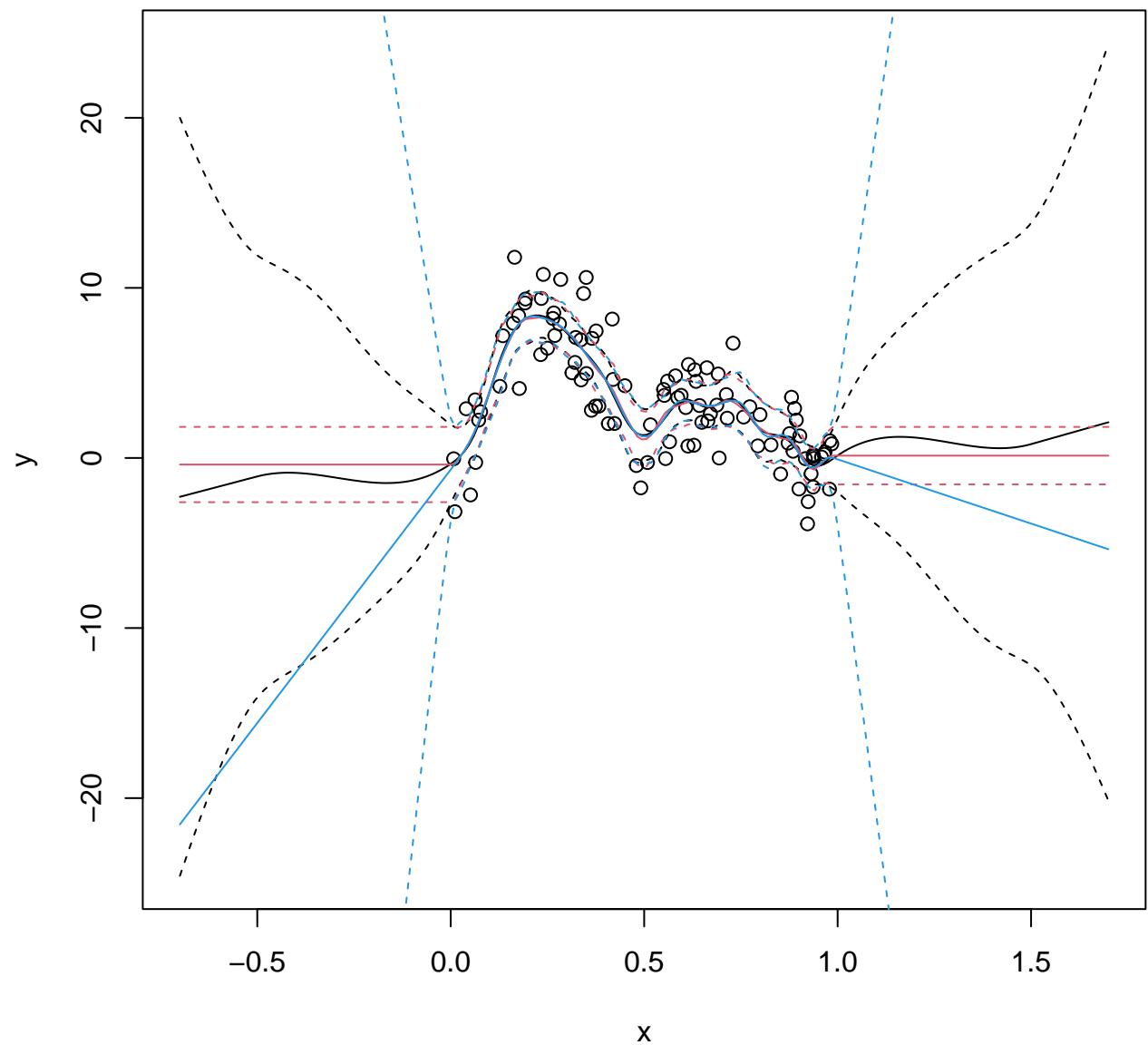


help("smooth.construct.ad.smooth.spec")

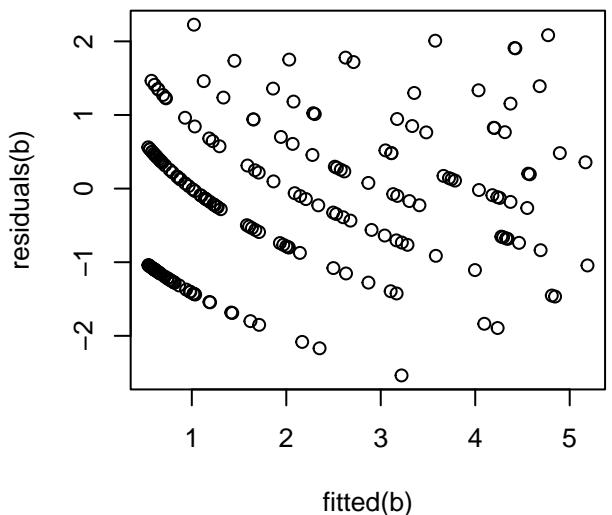
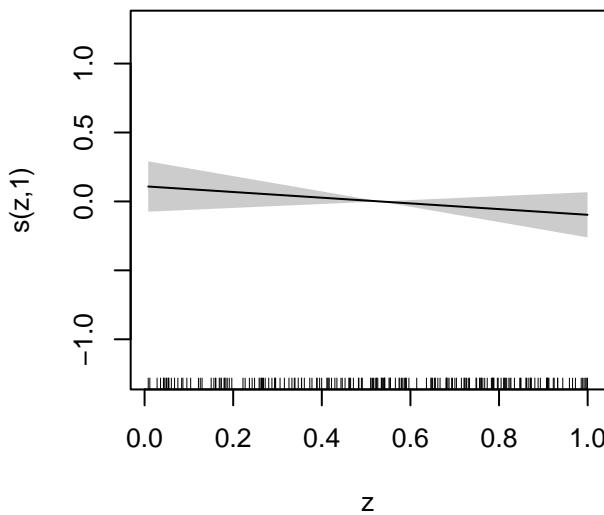
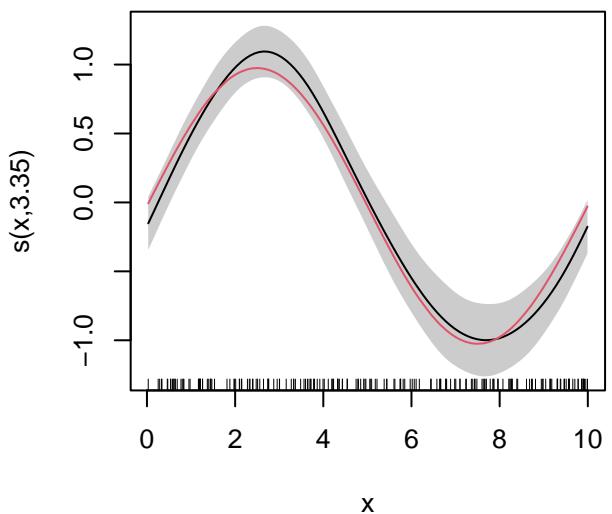
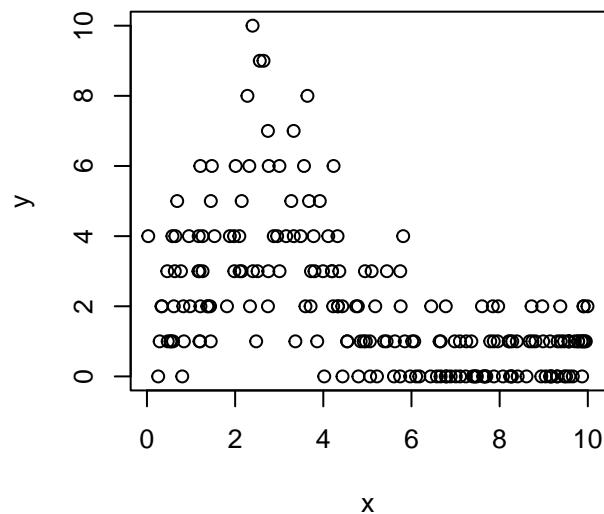


help("smooth.construct.bs.smooth.spec")

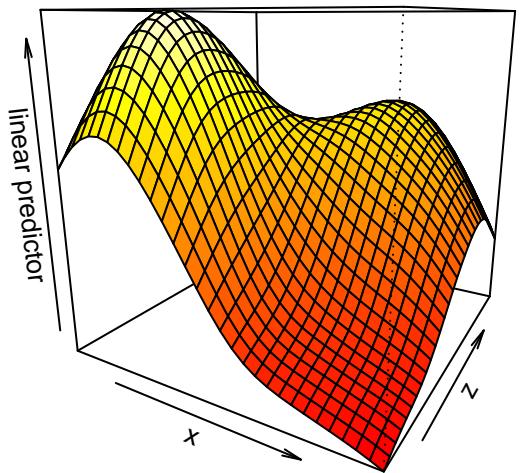
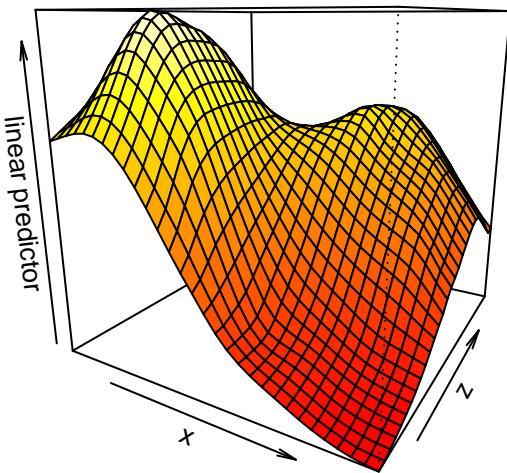
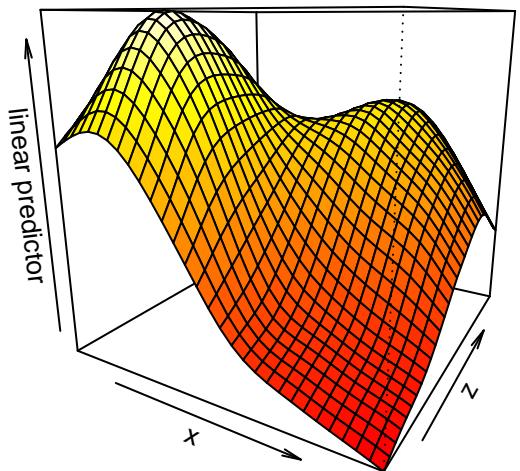
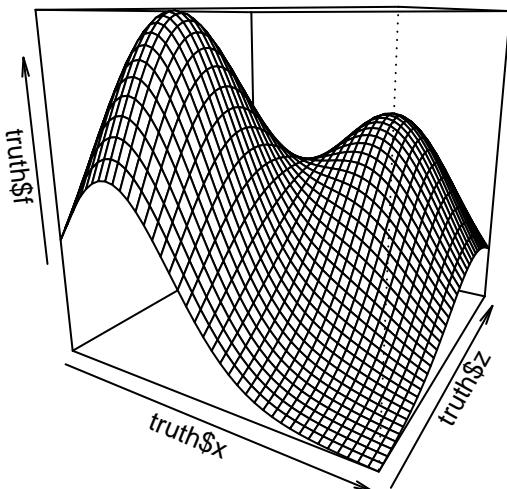
Order 1 penalties: red tps; blue bs on (0,1); black bs on (-.5,1.5)



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

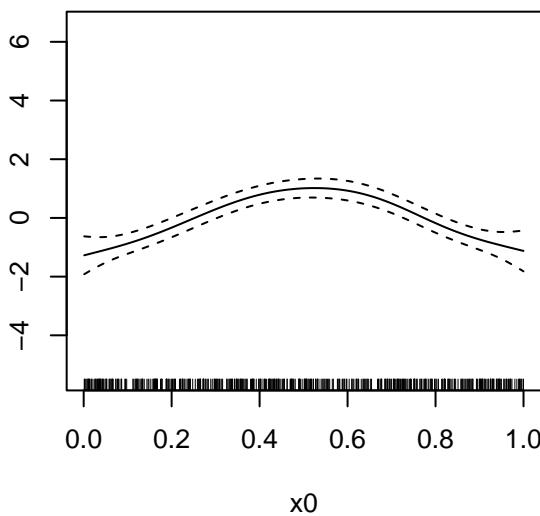


help("smooth.construct.cr.smooth.spec")



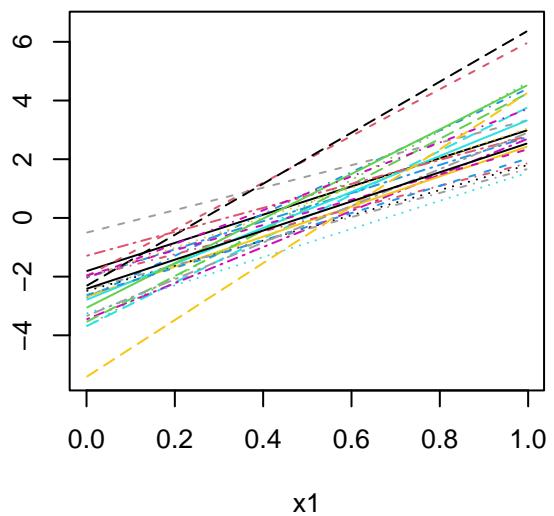
help("smooth.construct.spline.spec")

$s(x_0, 3.93)$



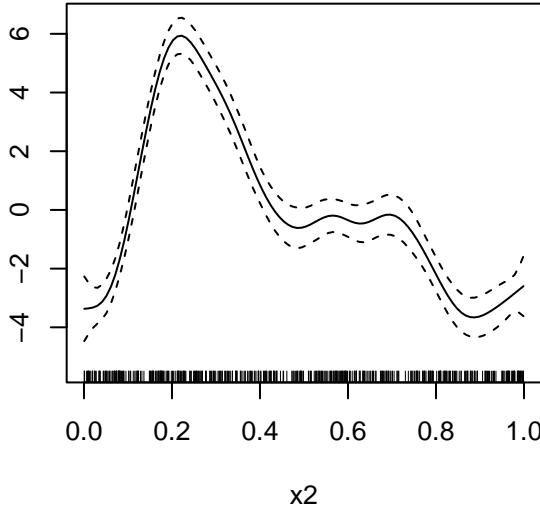
x_0

$s(x_1, \text{fac}, 41.6)$



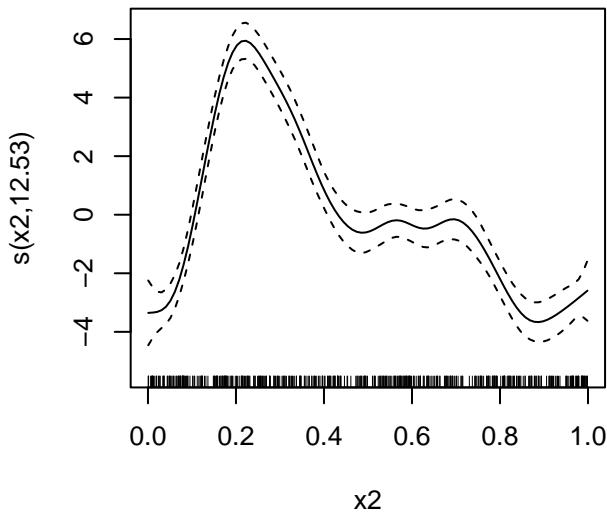
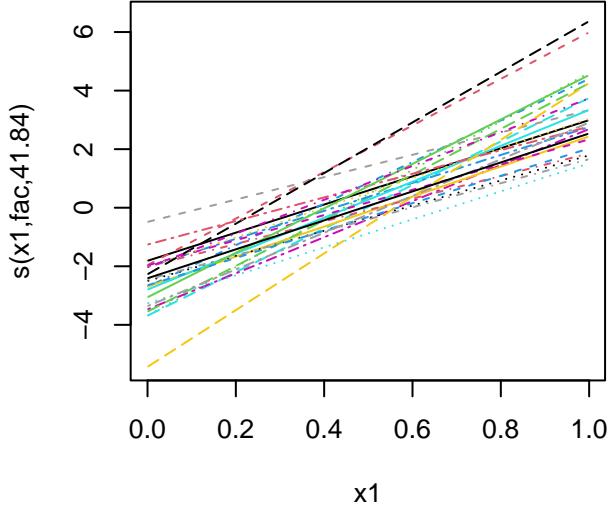
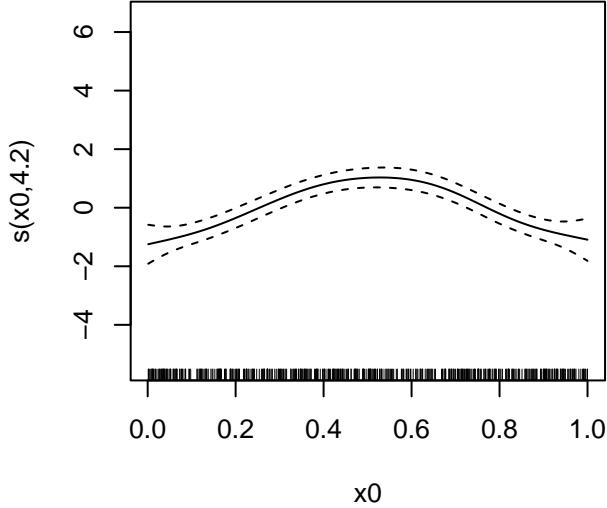
x_1

$s(x_2, 12.42)$

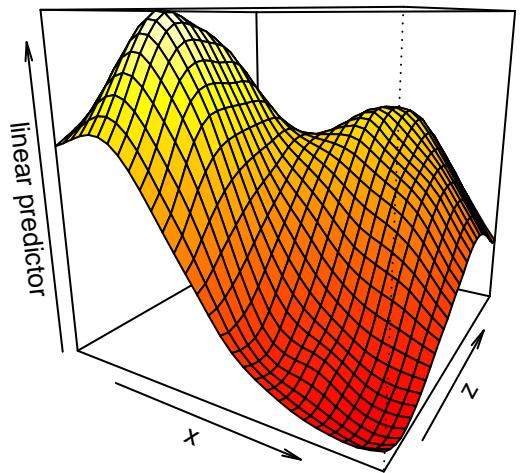
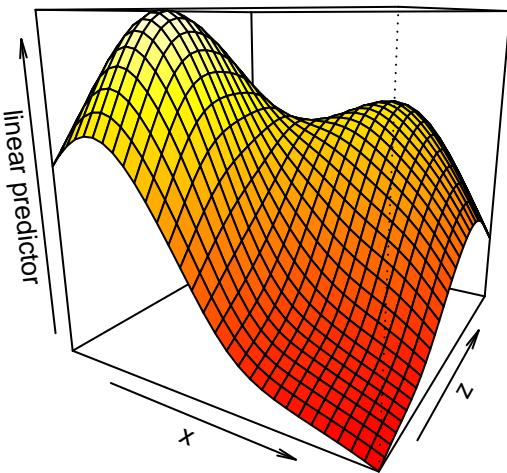
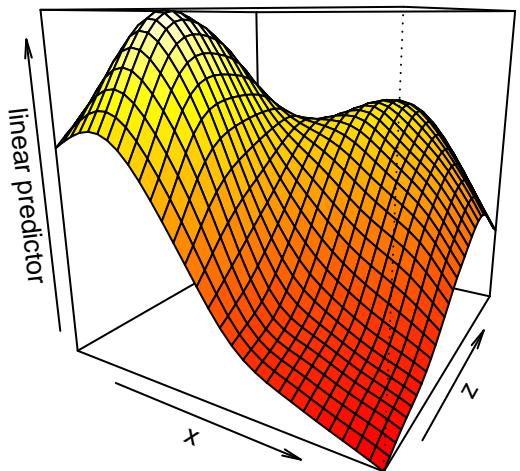
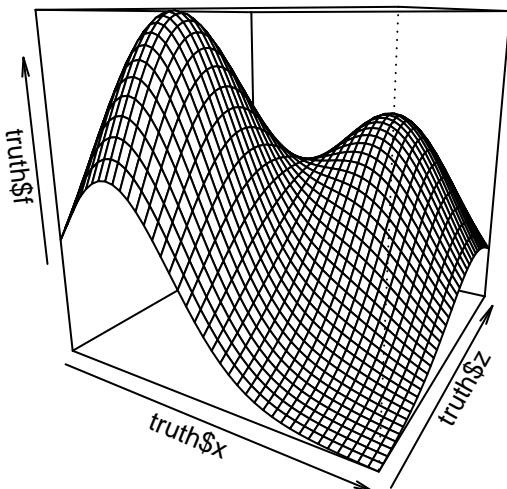


x_2

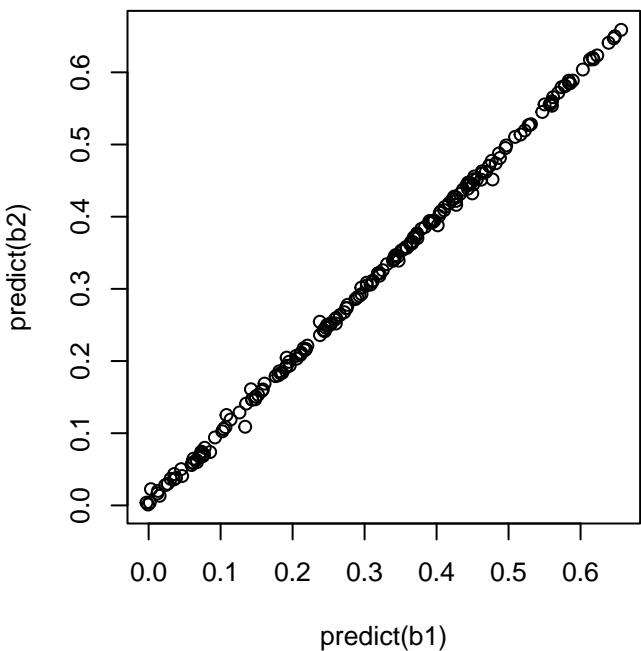
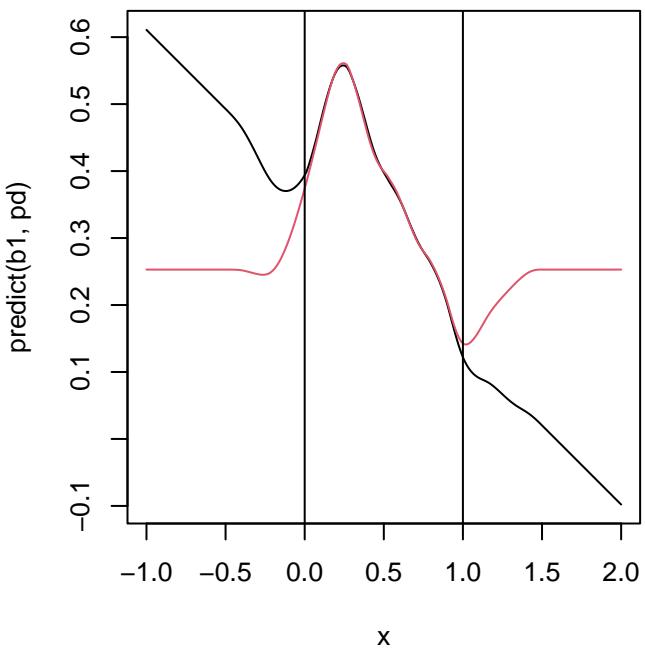
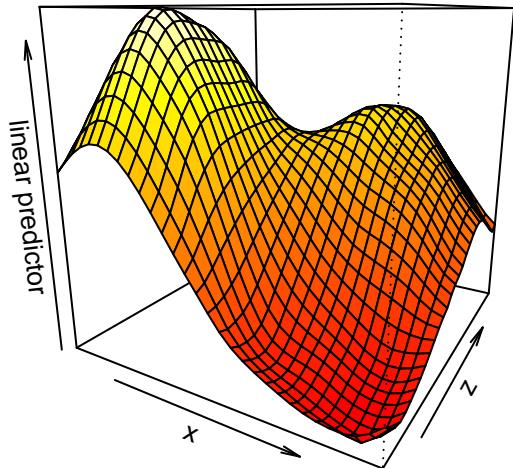
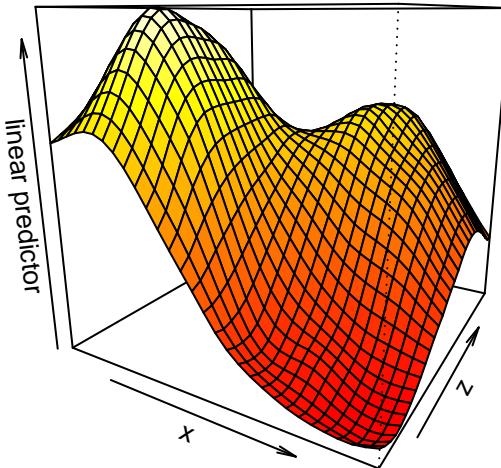
help("smooth.construct.fs.smooth.spec")



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



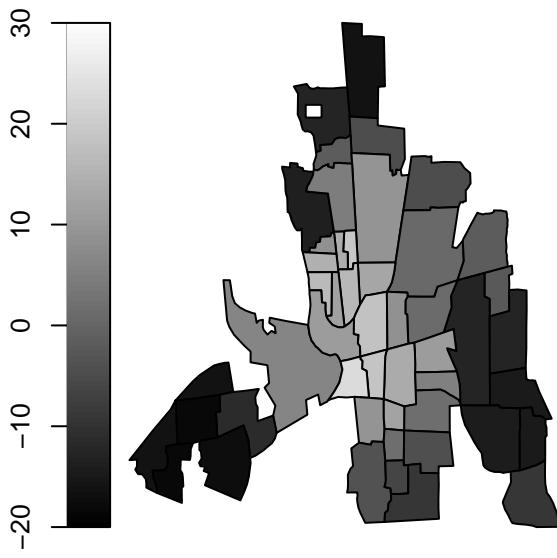
`help("smooth.construct.gp.smooth.spec")`



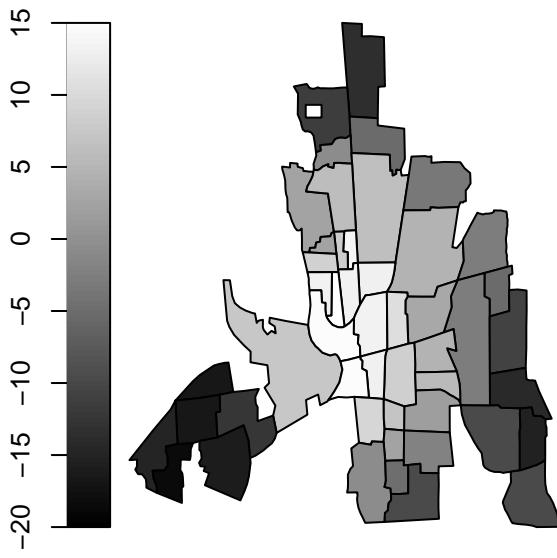
help("smooth.construct.smooth.spec")

`help("smooth.construct.mrf.smooth.spec")`

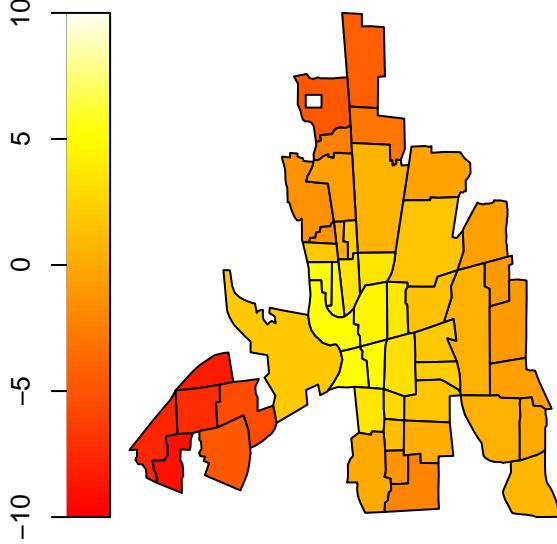
$s(\text{district}, 25.95)$



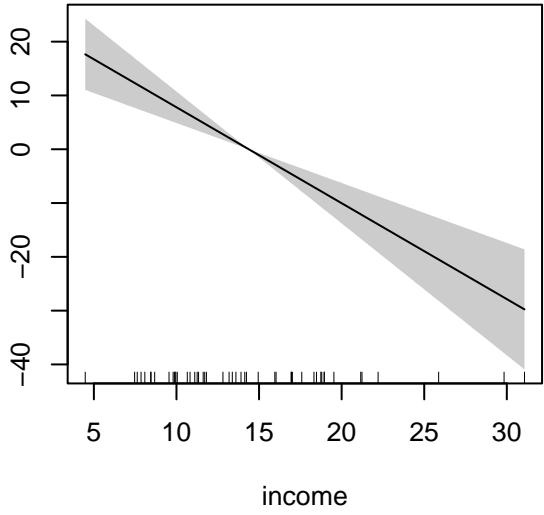
$s(\text{district}, 11.12)$

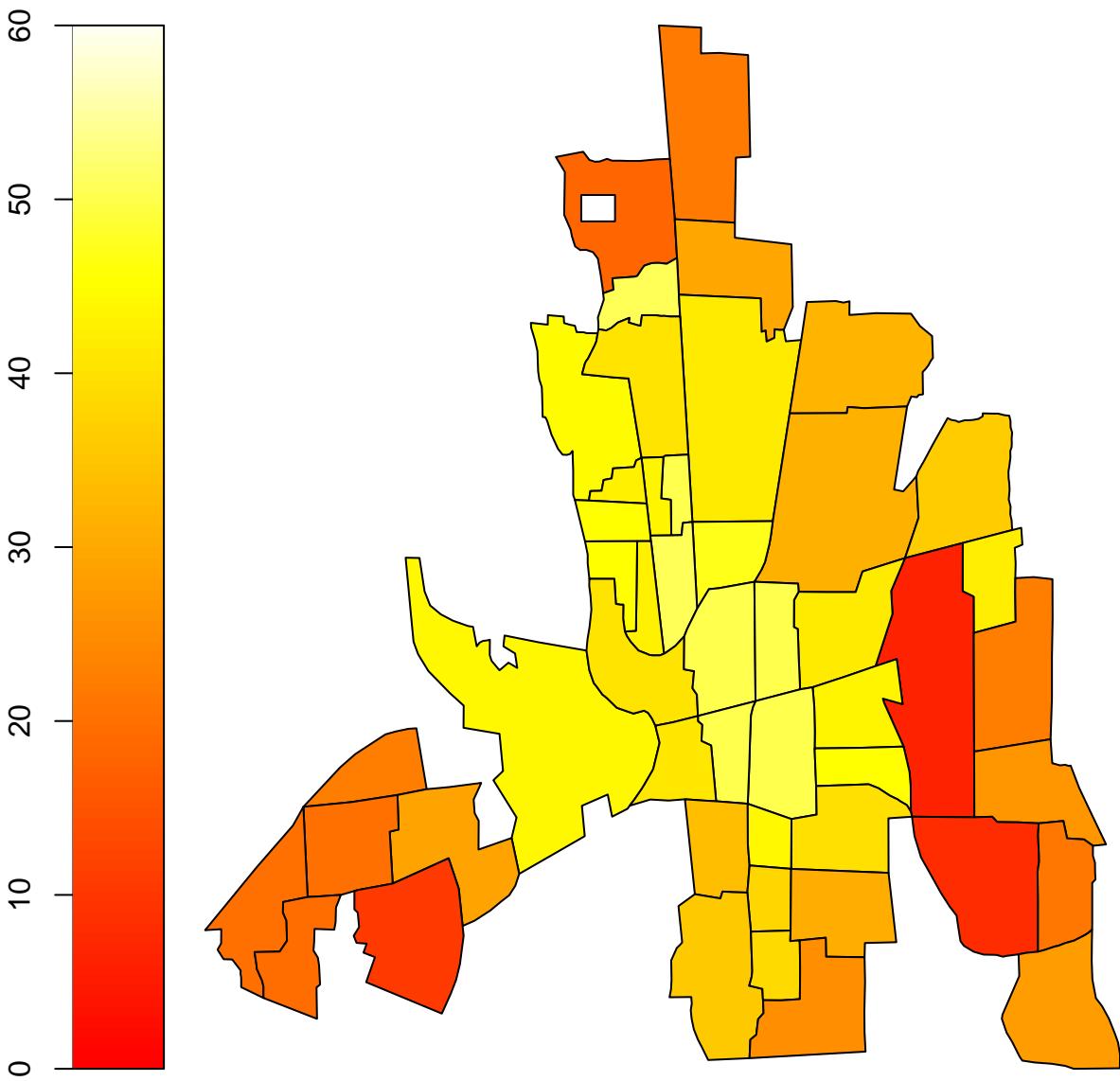


$s(\text{district}, 5.43)$



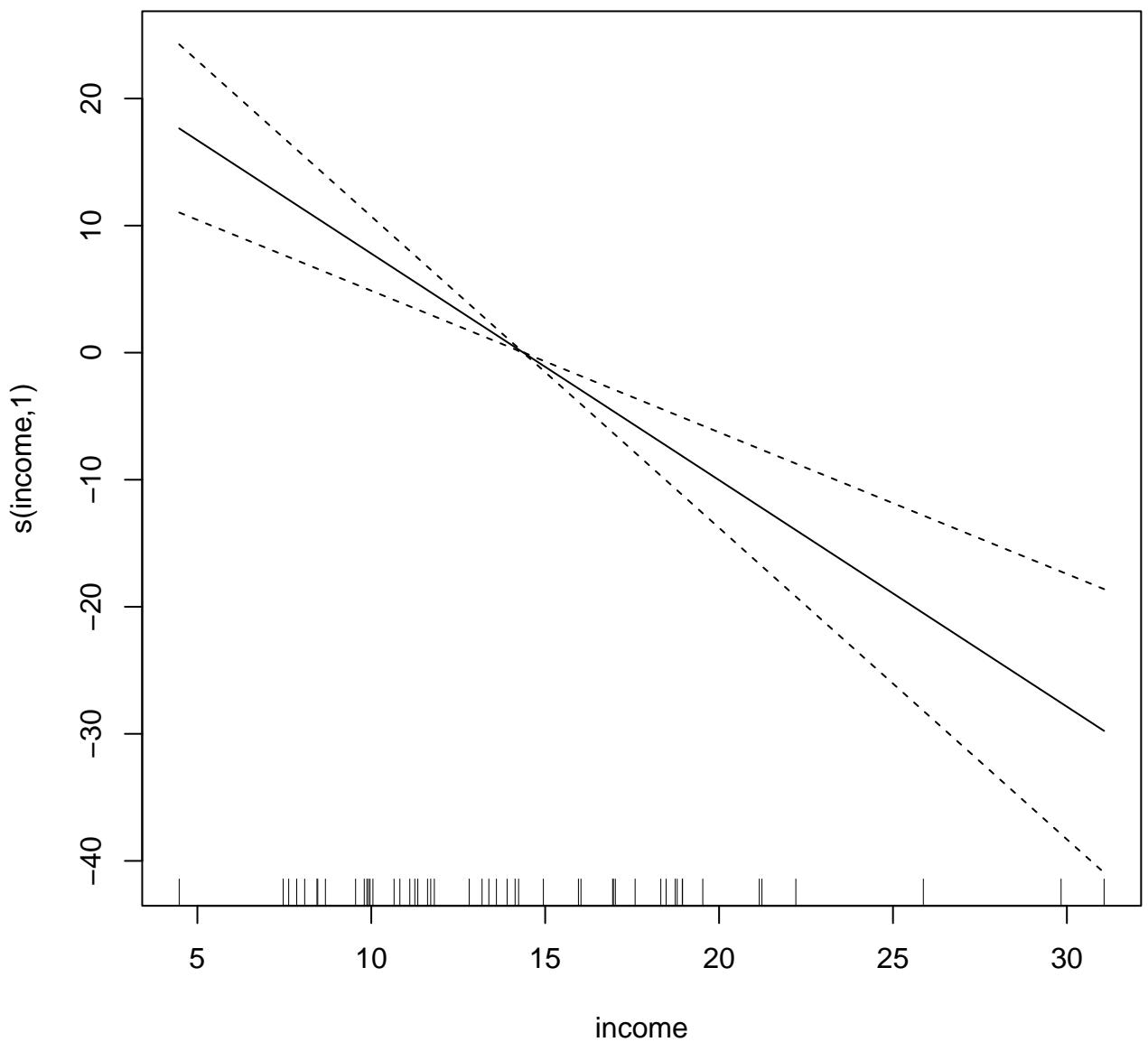
$s(\text{income}, 1)$



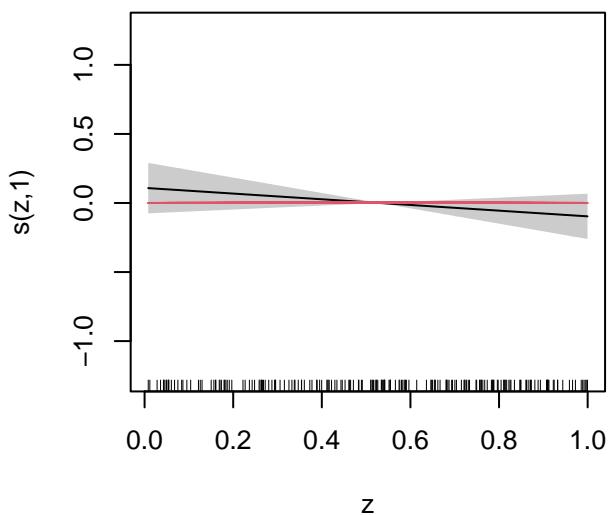
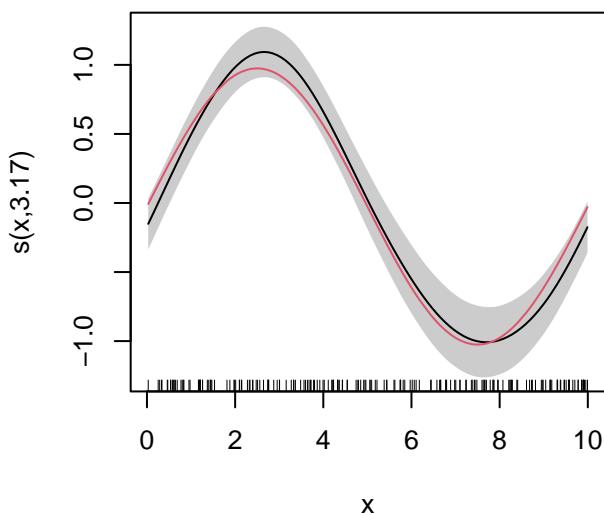
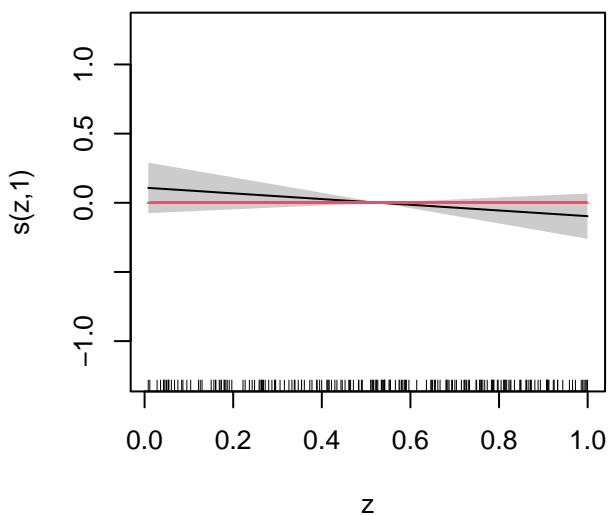
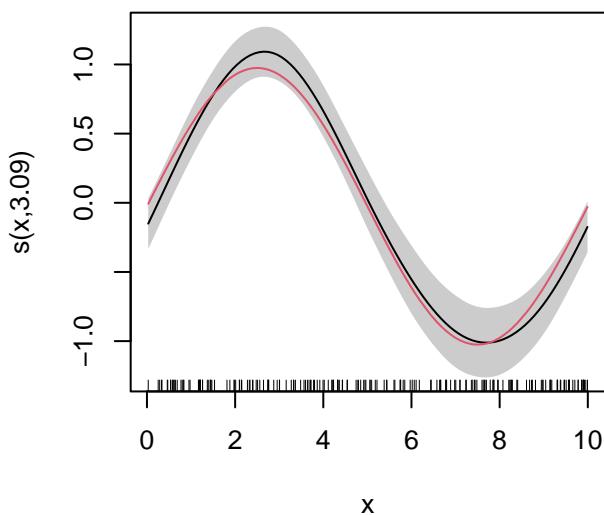


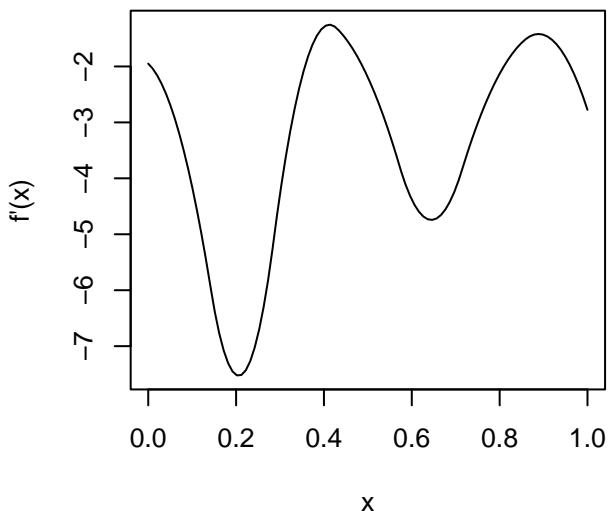
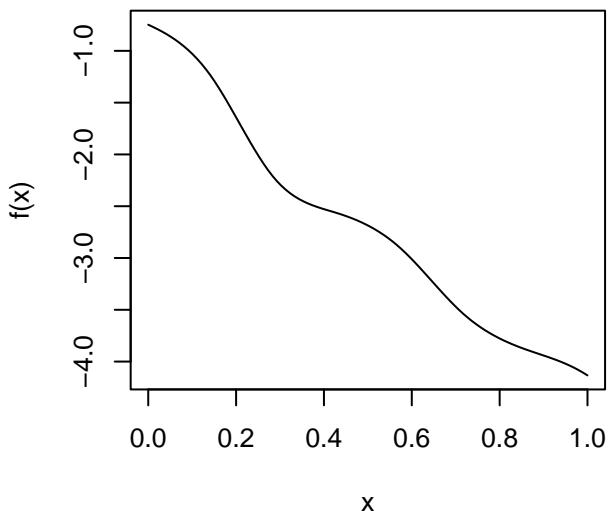
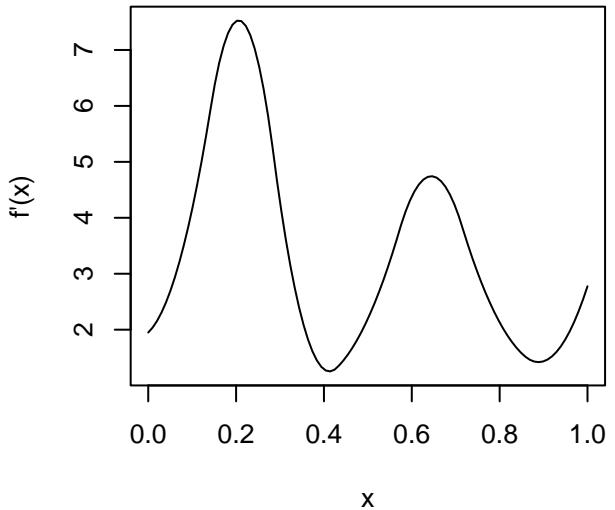
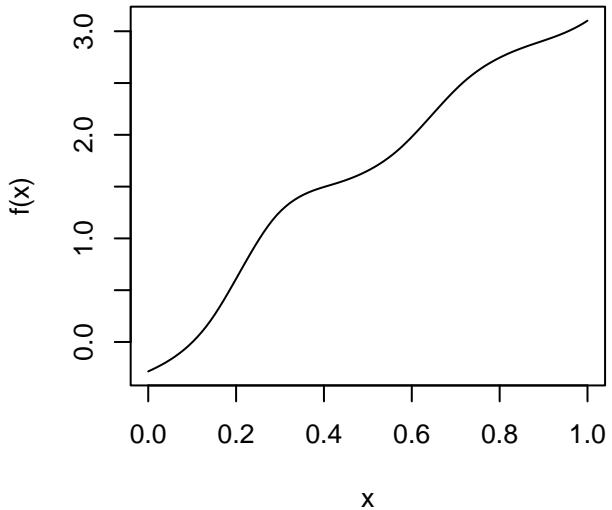
help("smooth.construct.mrf.smooth.spec")

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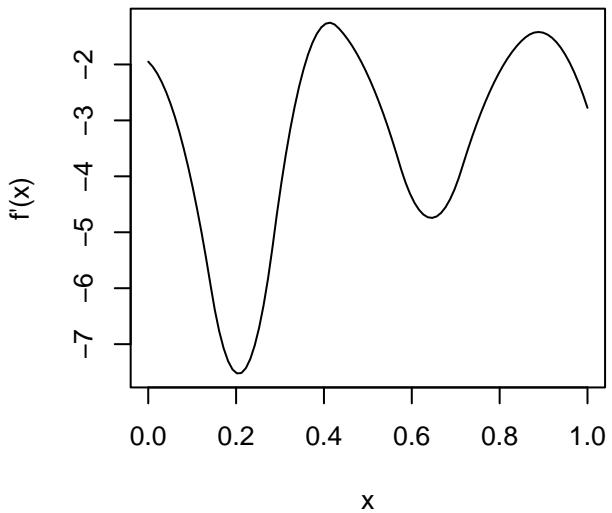
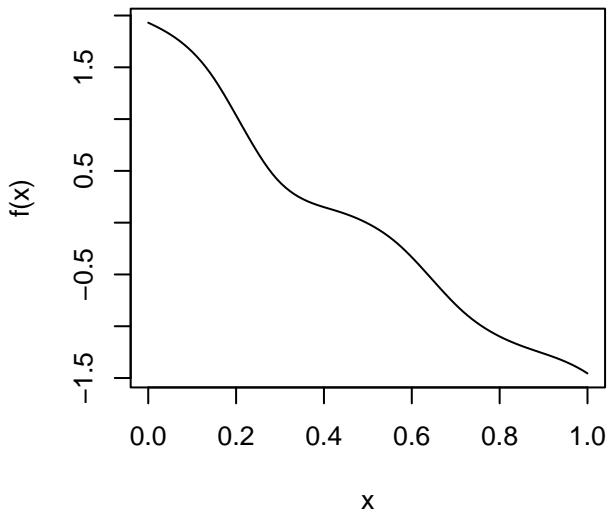
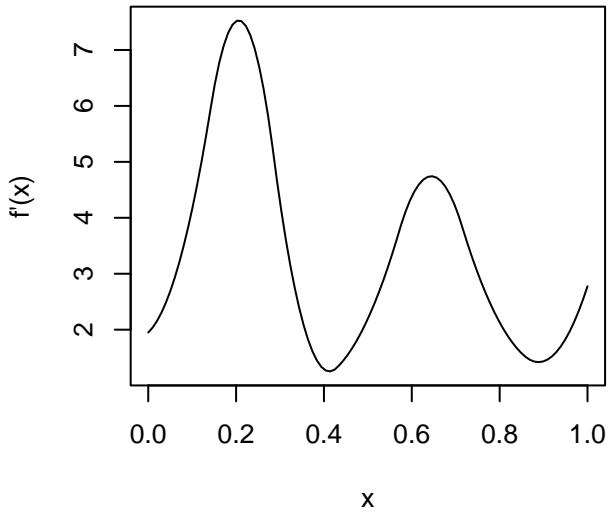
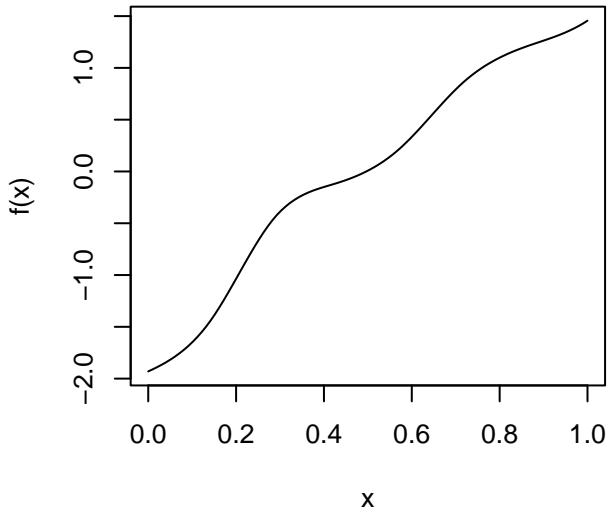


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help("smooth.construct.ps.smooth.spec")
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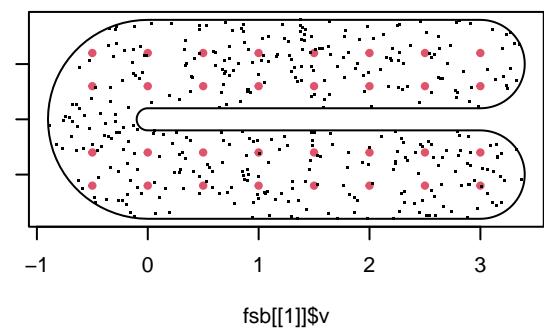


help("smooth.construct.ps.smooth.spec")

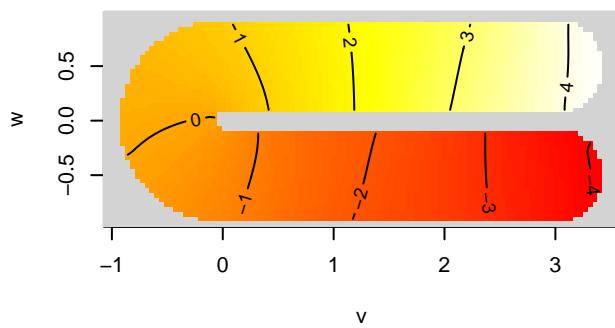


help("smooth.construct.ps.smooth.spec")

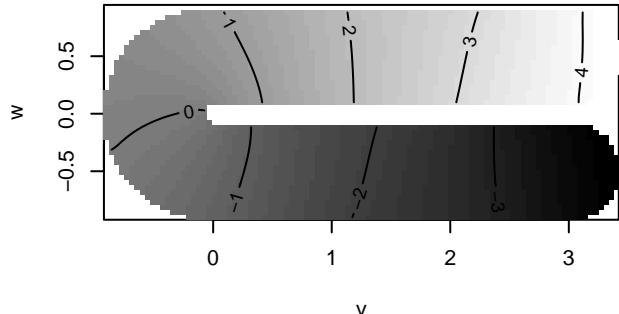
fsb[[1]]\$w



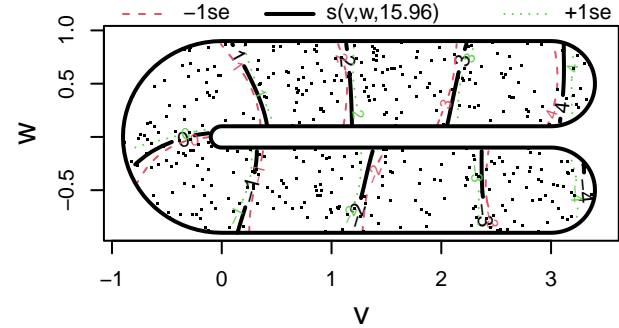
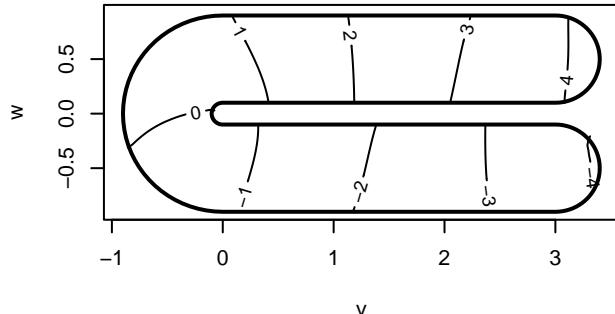
$s(v, w, 15.96)$



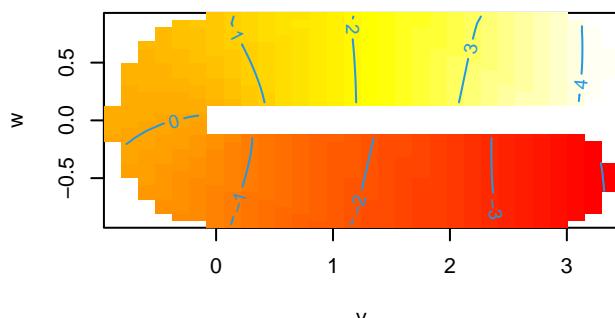
$s(v, w, 15.96)$



$s(v, w, 15.96)$

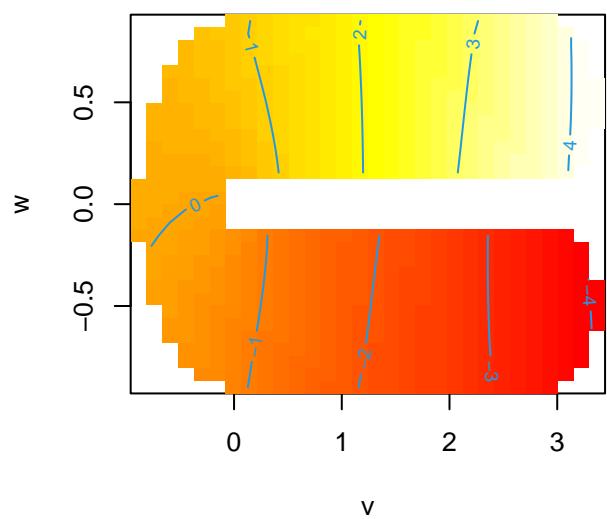


linear predictor

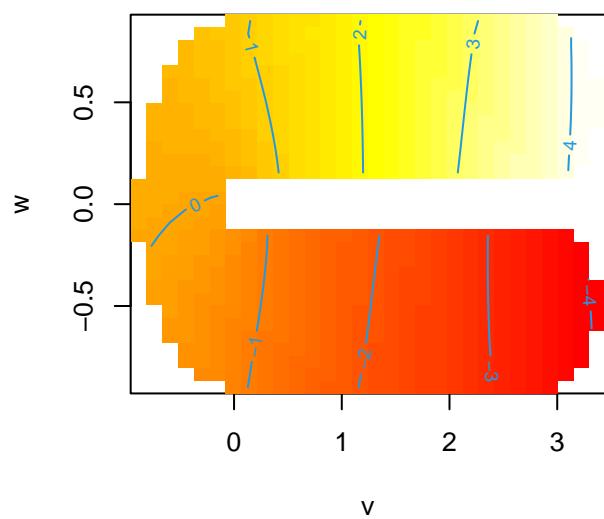


help("smooth.construct.smooth.spec")

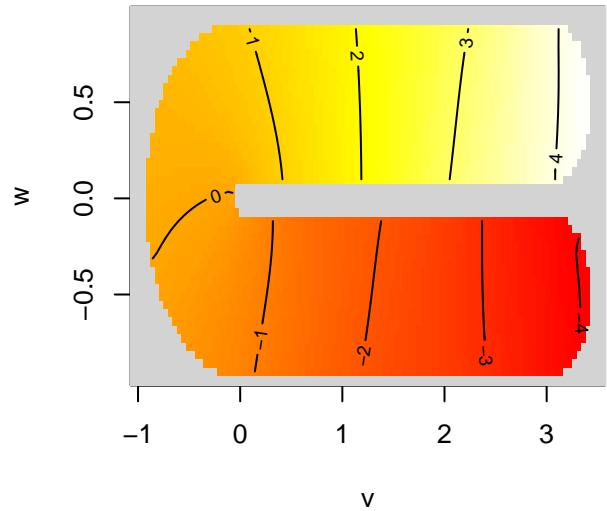
linear predictor



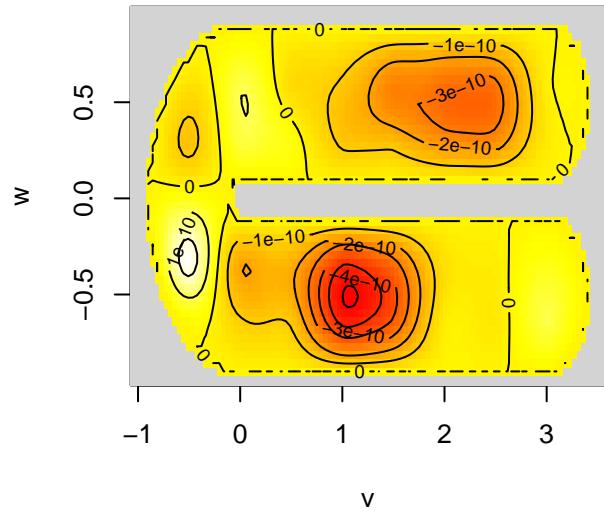
linear predictor



$s(v,w,15.96)$

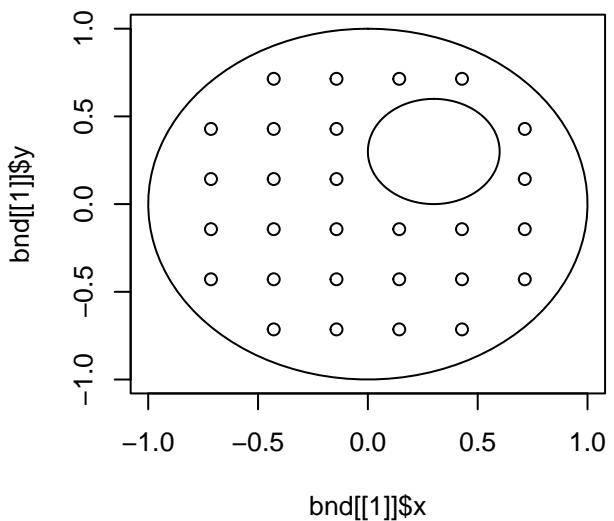
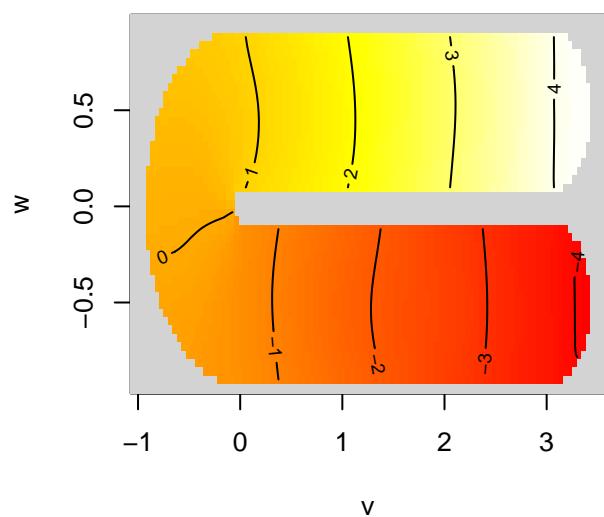


$s(v,w,0)$



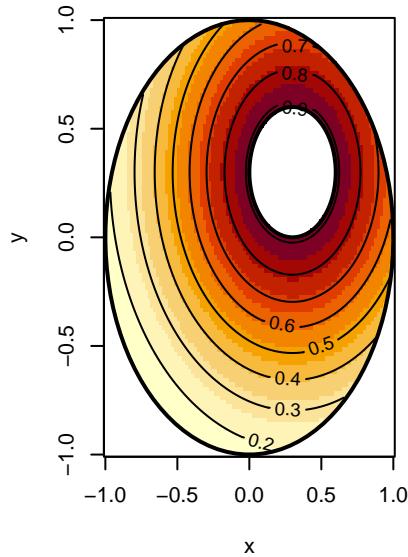
help("smooth.construct.smooth.spec")

$s(v, w, 8.4)$

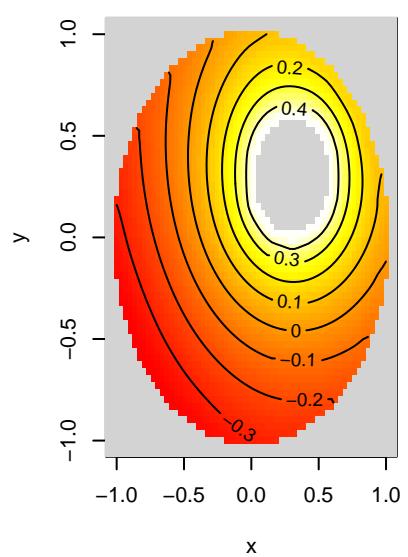


help("smooth.construct.so.smooth.spec")

$s(x,y,5.88)$

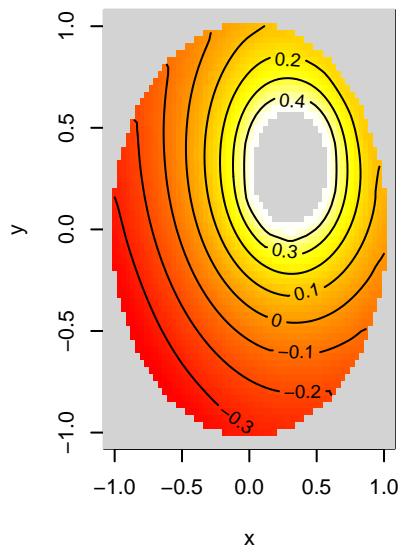


linear predictor

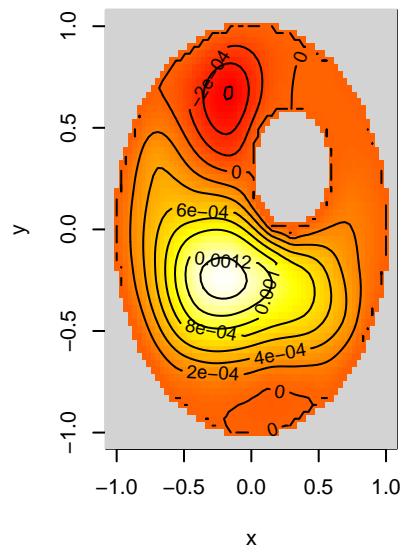


help("smooth.construct.smooth.spec")

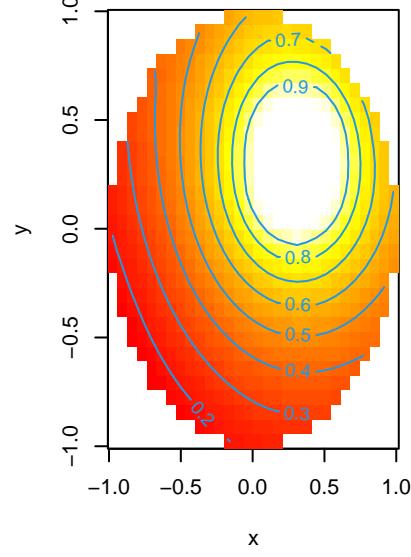
$s(x,y,5.73)$

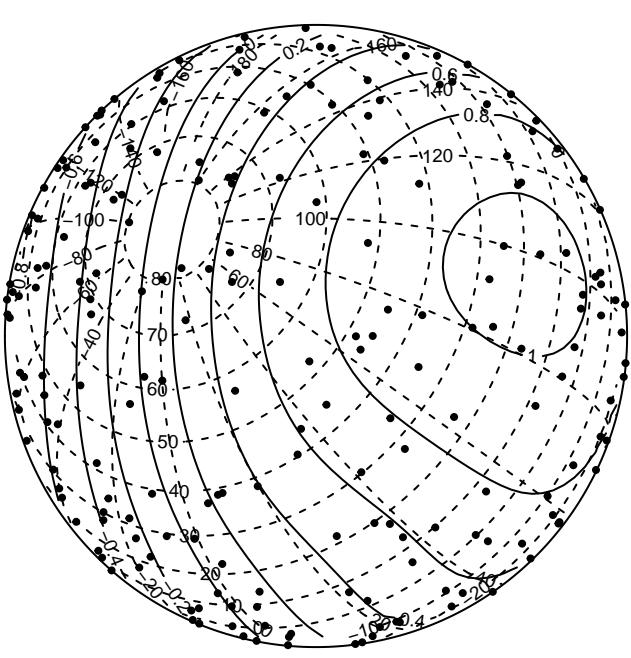
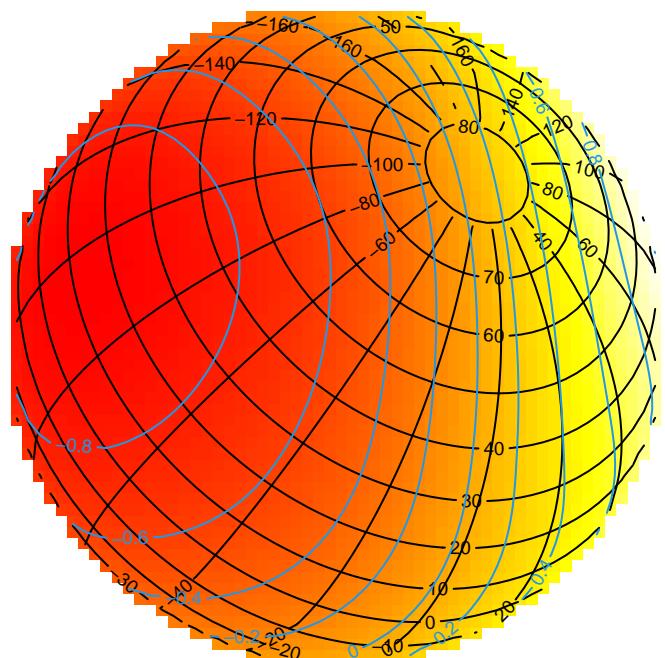
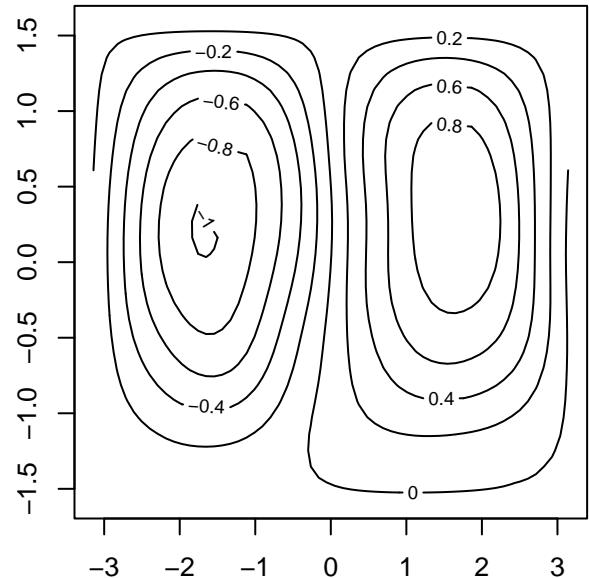
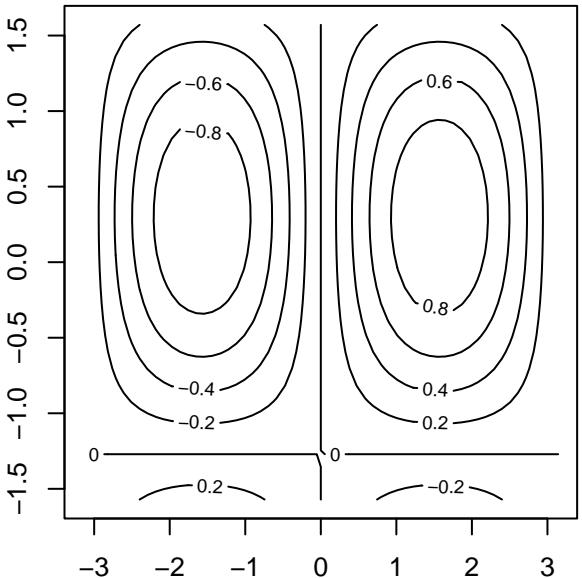


$s(x,y,0.15)$



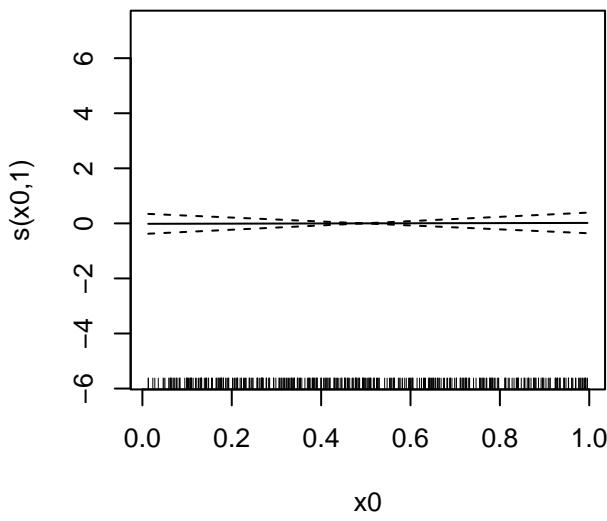
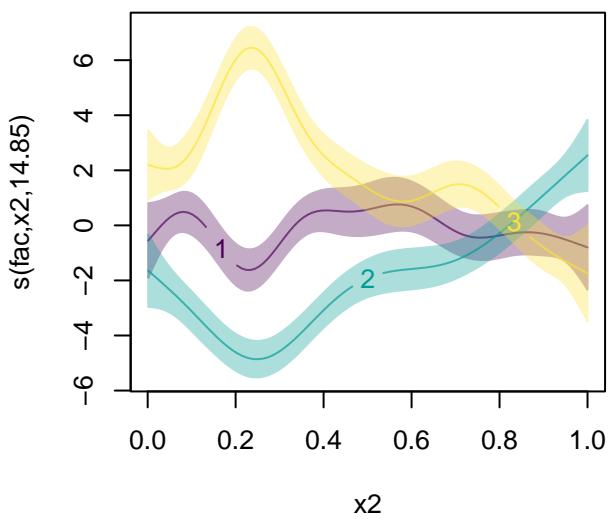
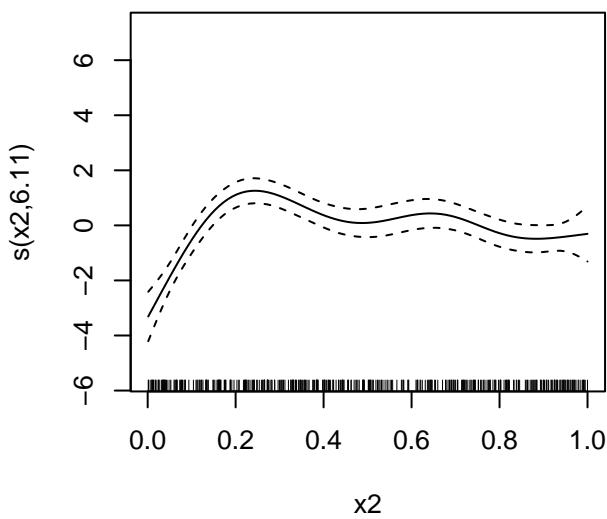
linear predictor



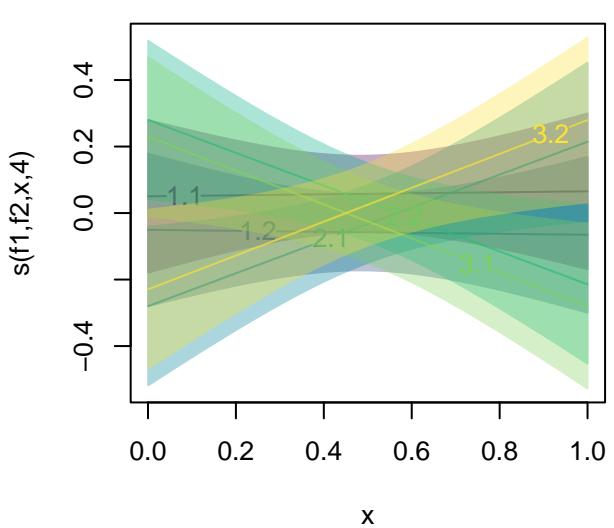
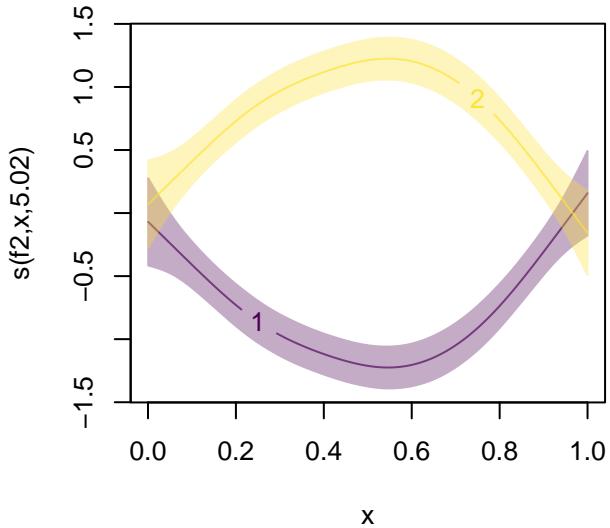
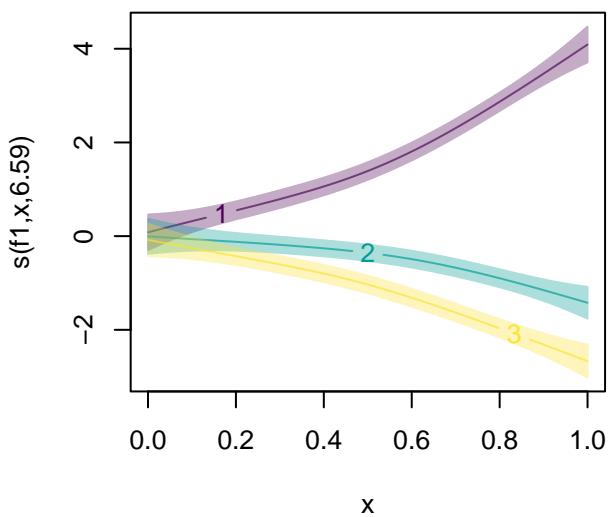
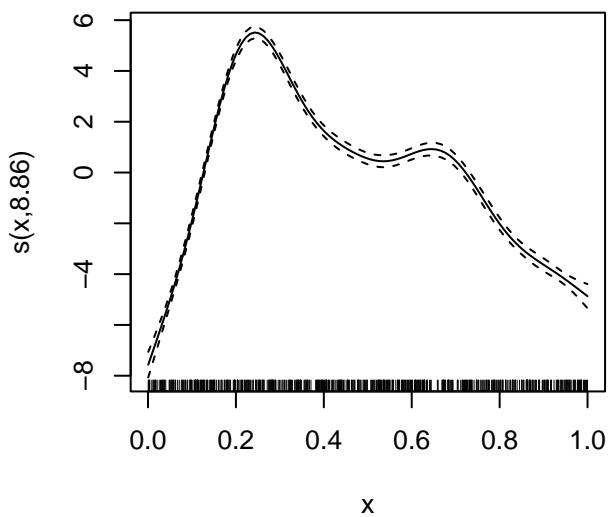


help("smooth.construct.sos.smooth.spec")

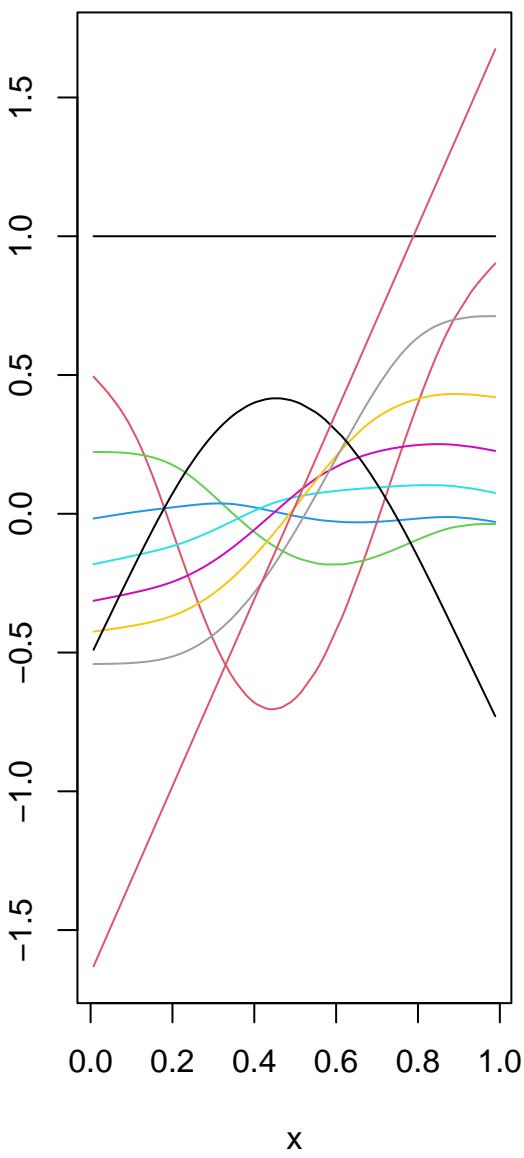
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help("smooth.construct.sz.smooth.spec")
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`help("smooth.construct.sz.smooth.spec")`

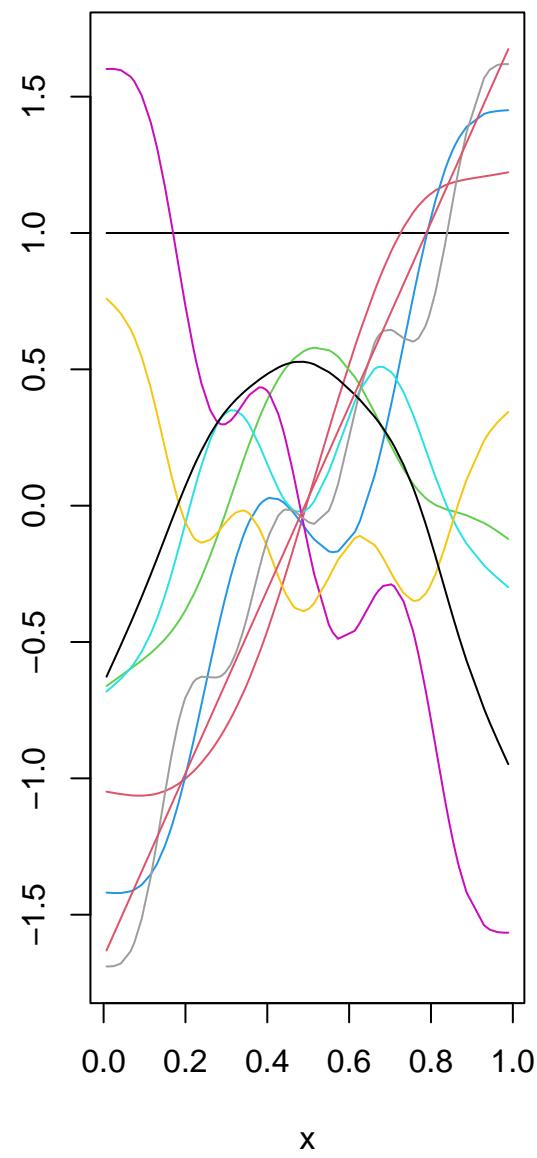


$x[1]$



x

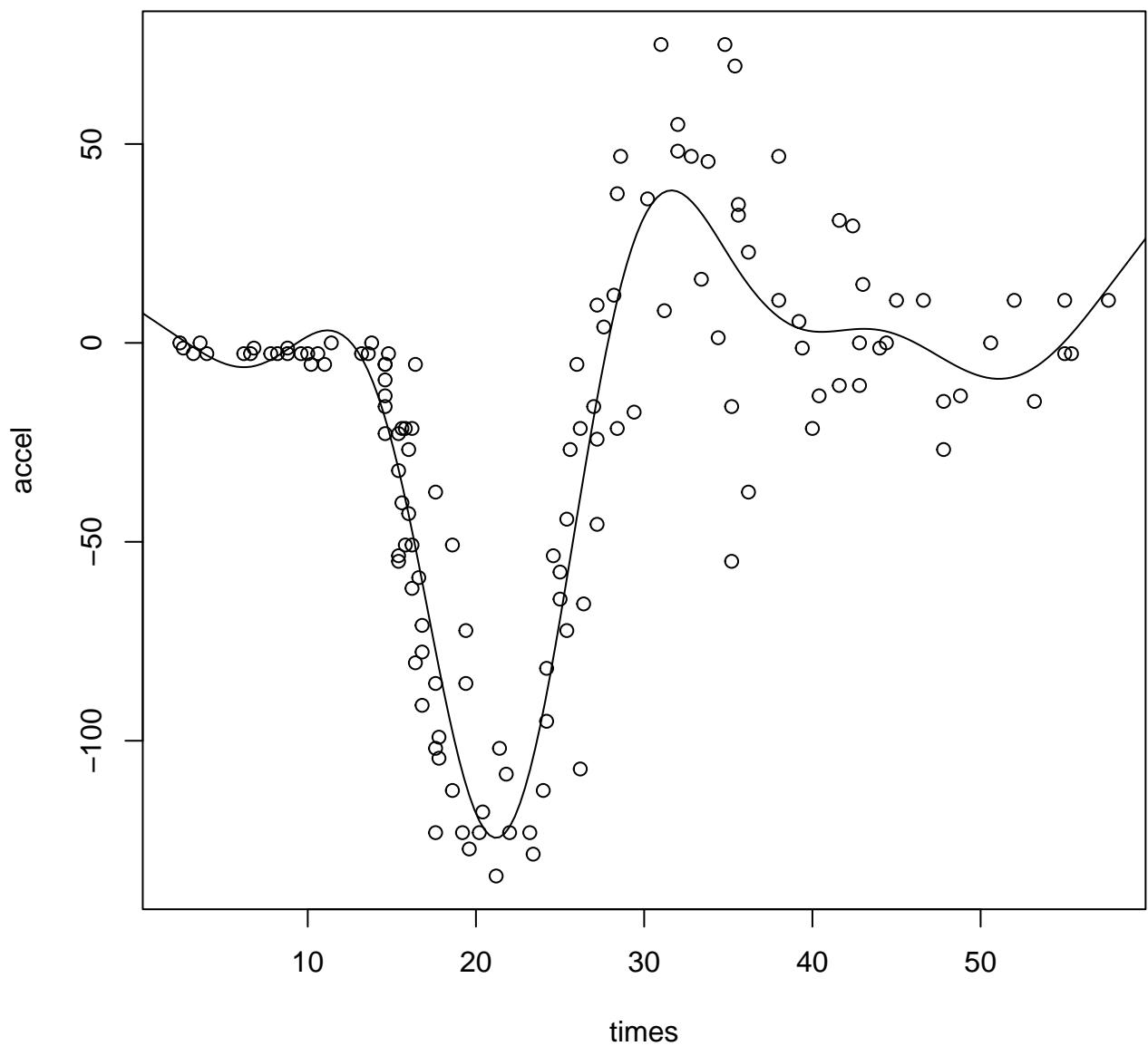
$x[1]$



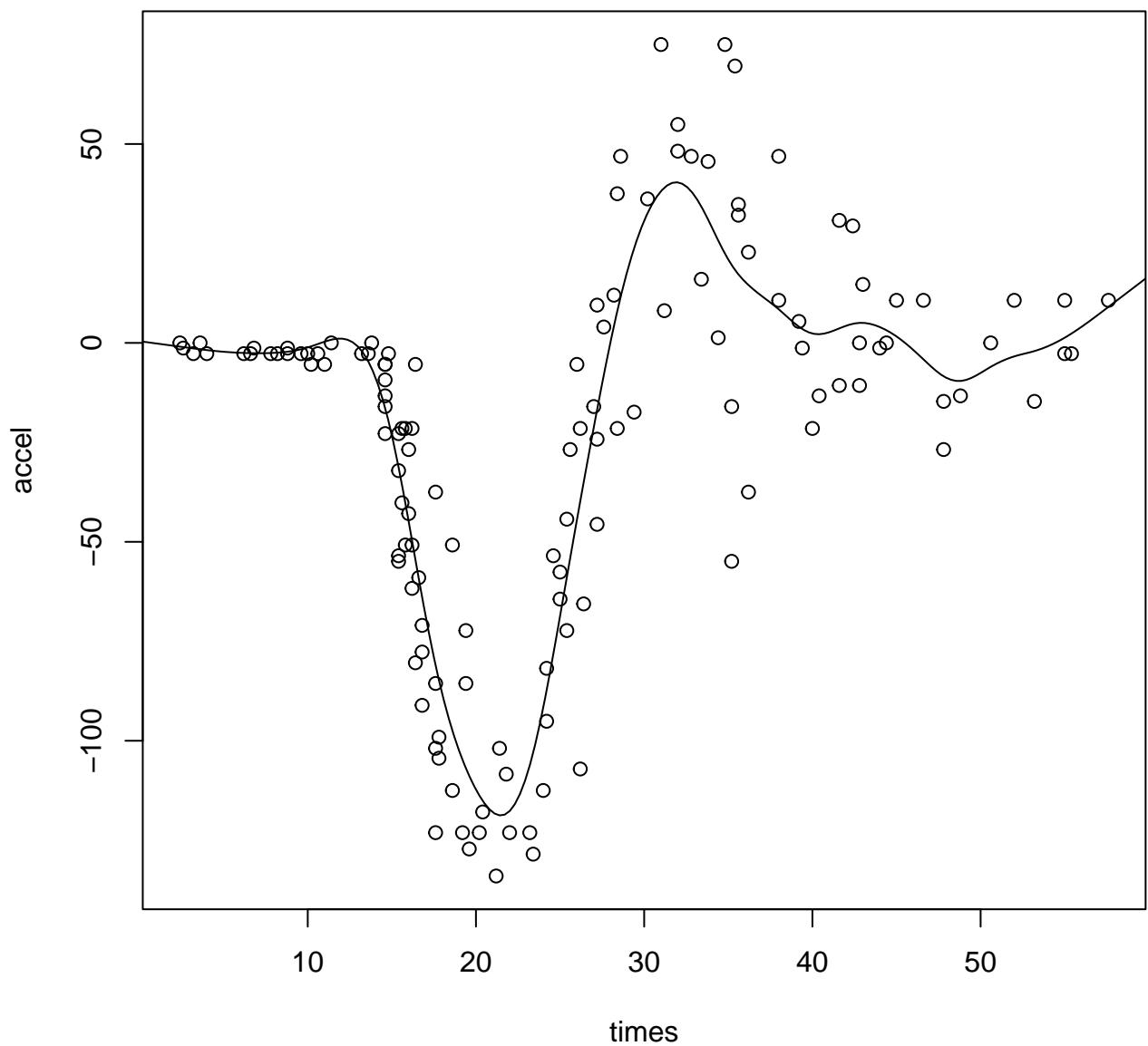
x

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

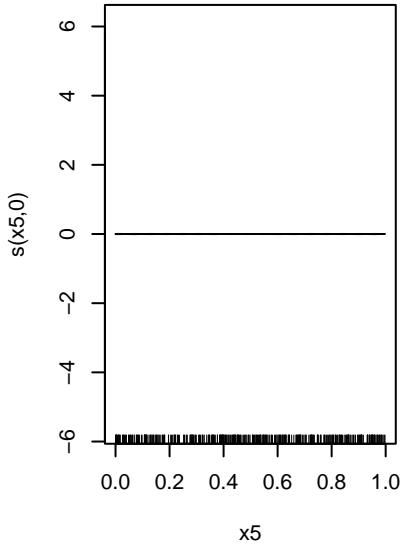
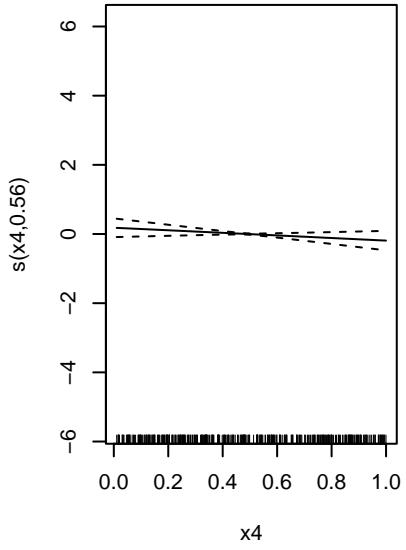
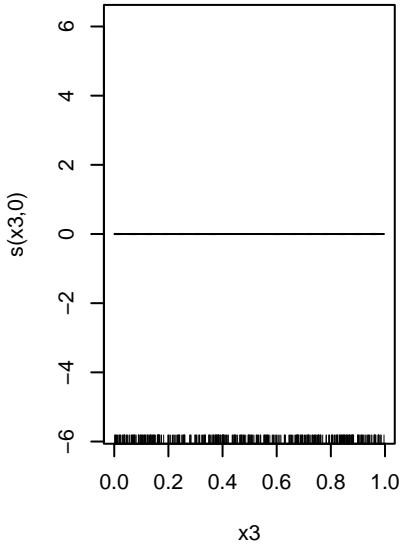
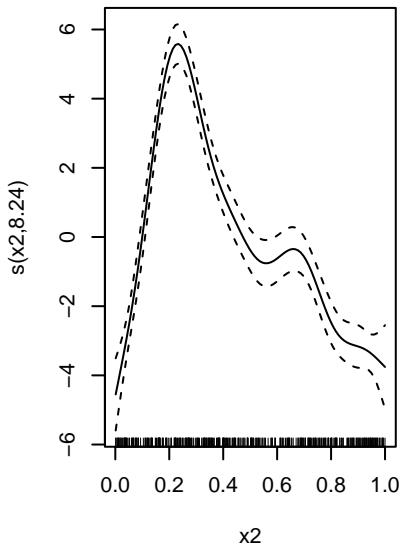
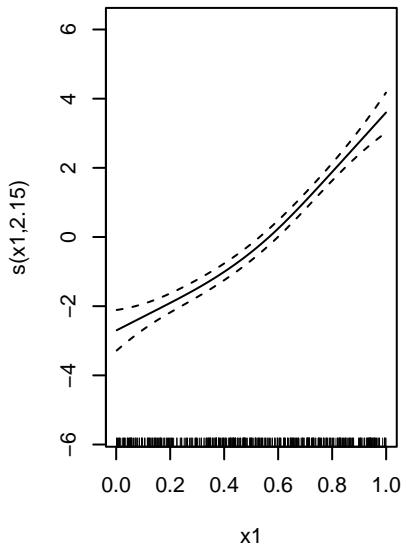
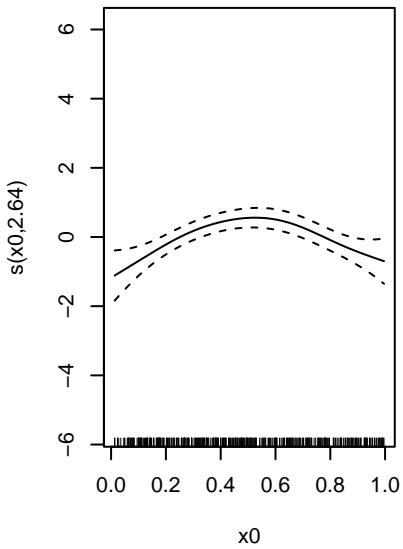
help("smoothCon")



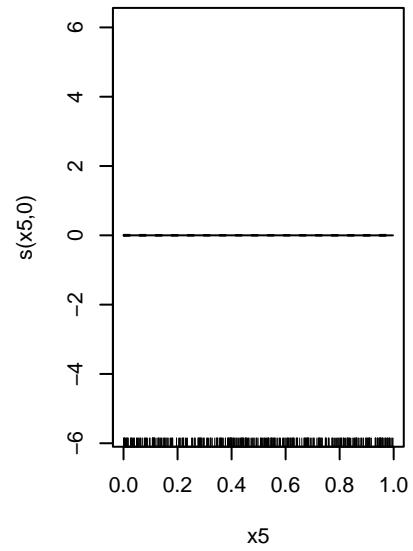
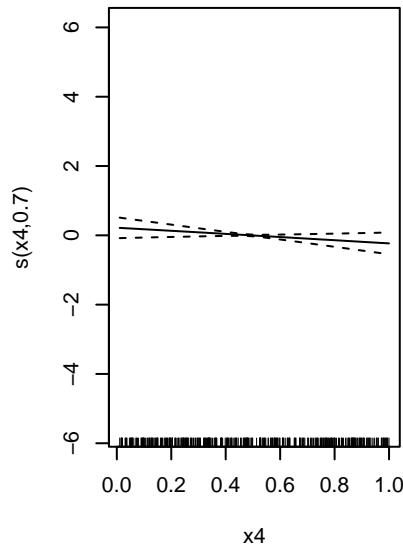
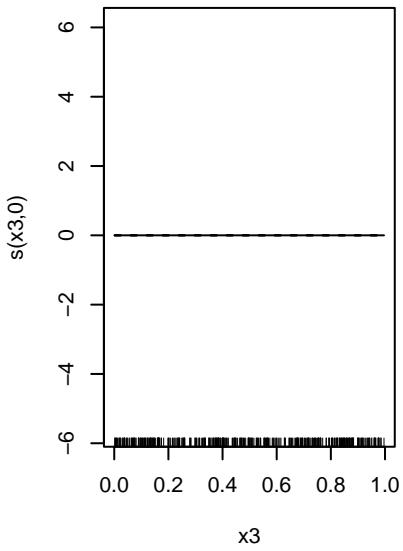
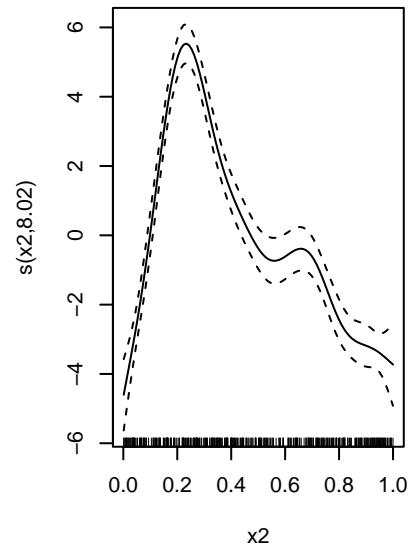
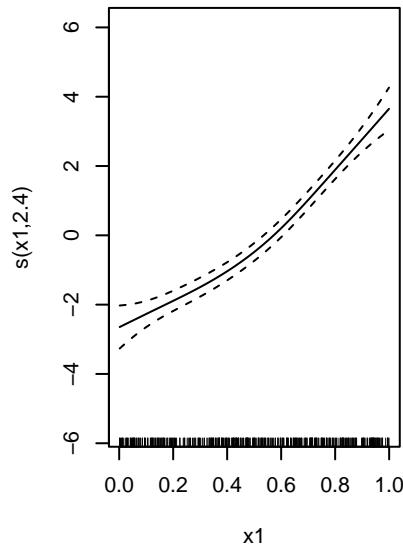
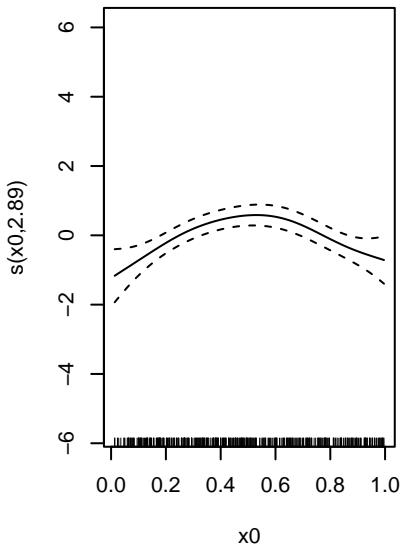
help("smoothCon")



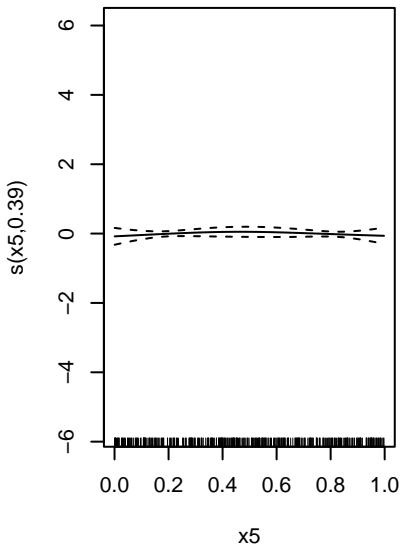
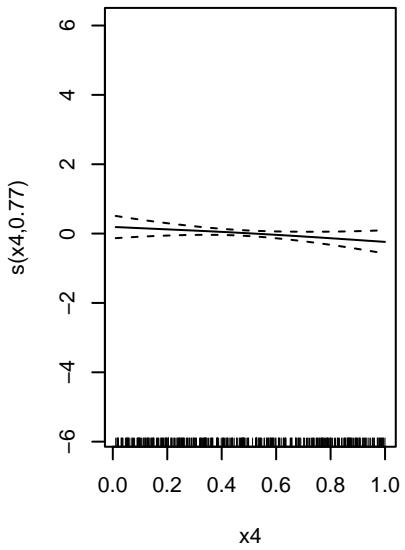
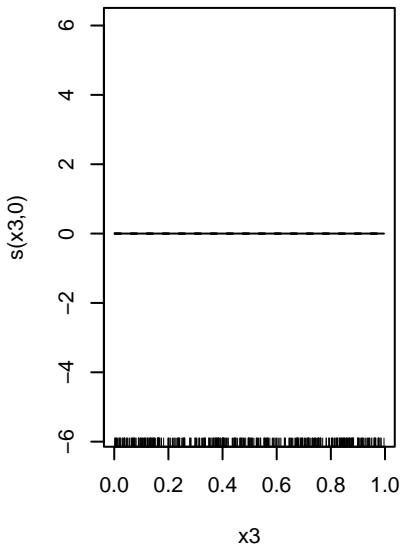
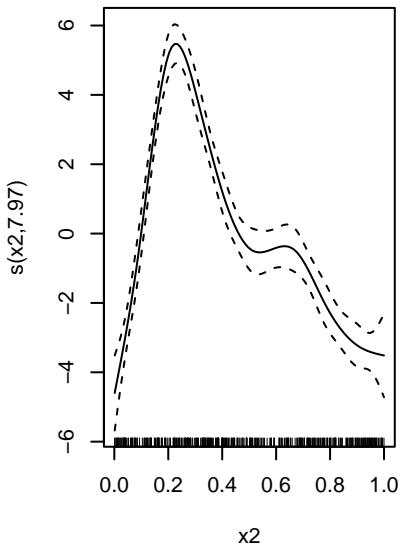
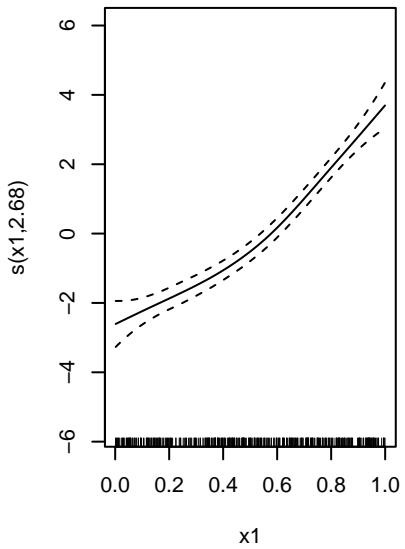
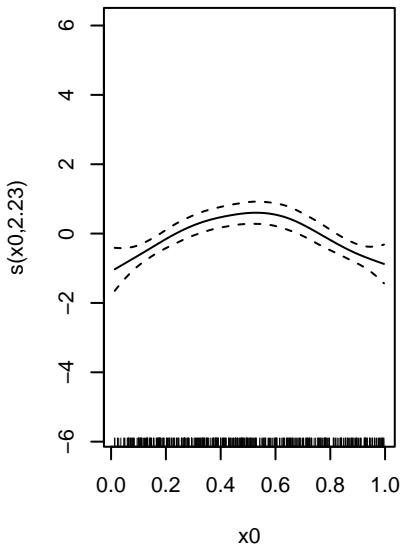
help("step.gam")



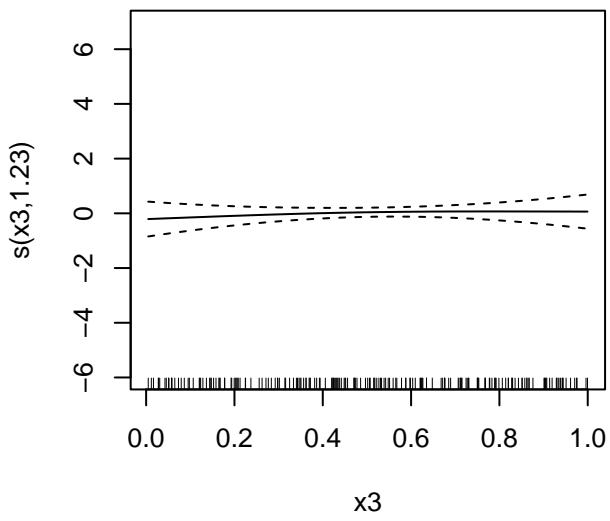
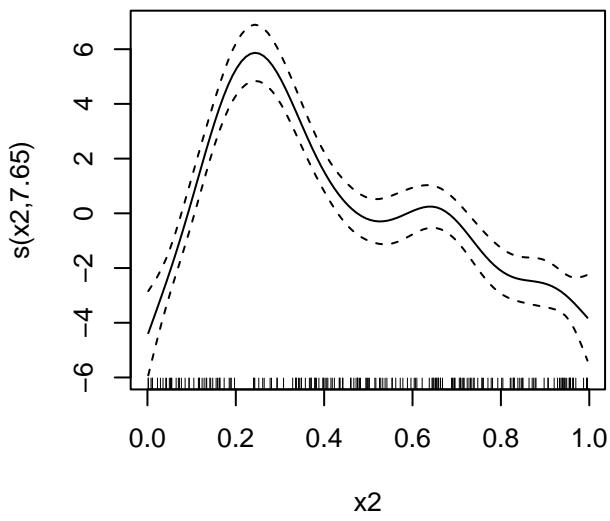
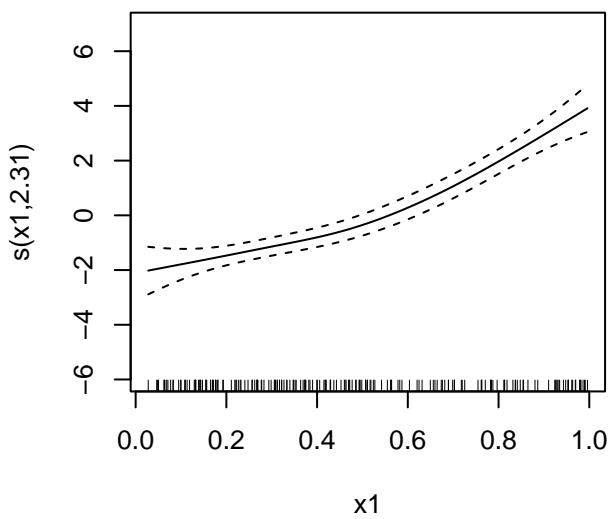
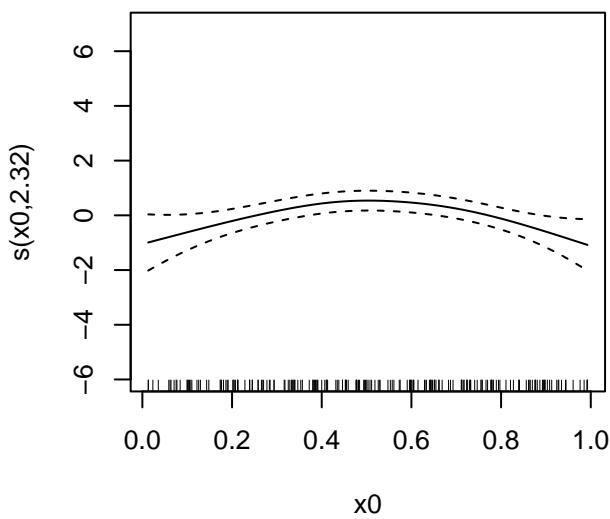
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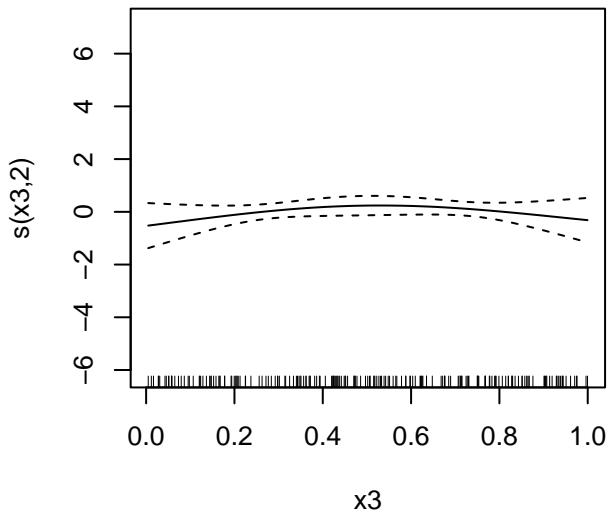
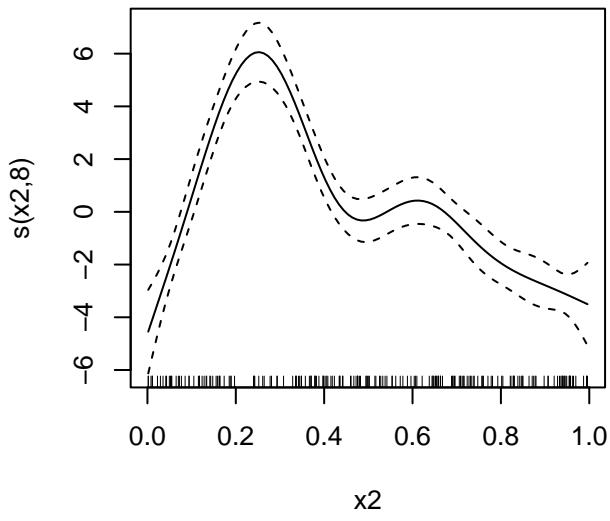
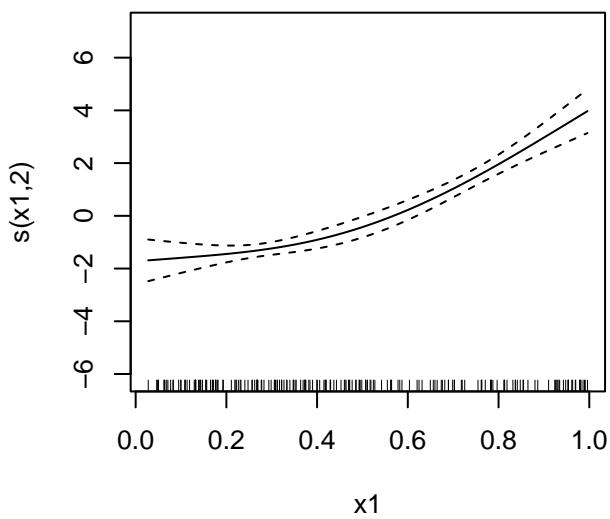
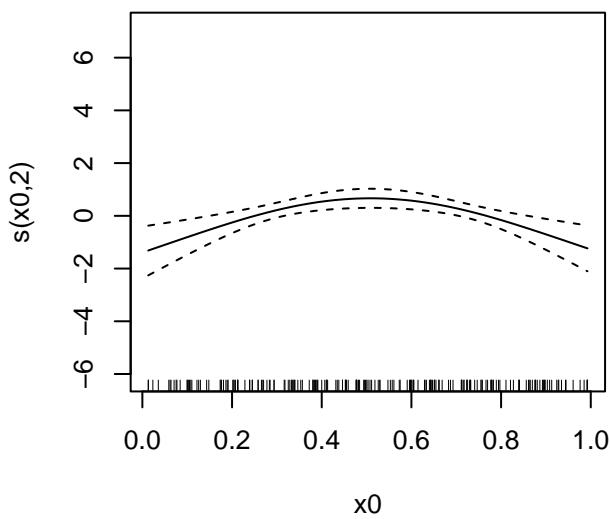
help("step.gam")



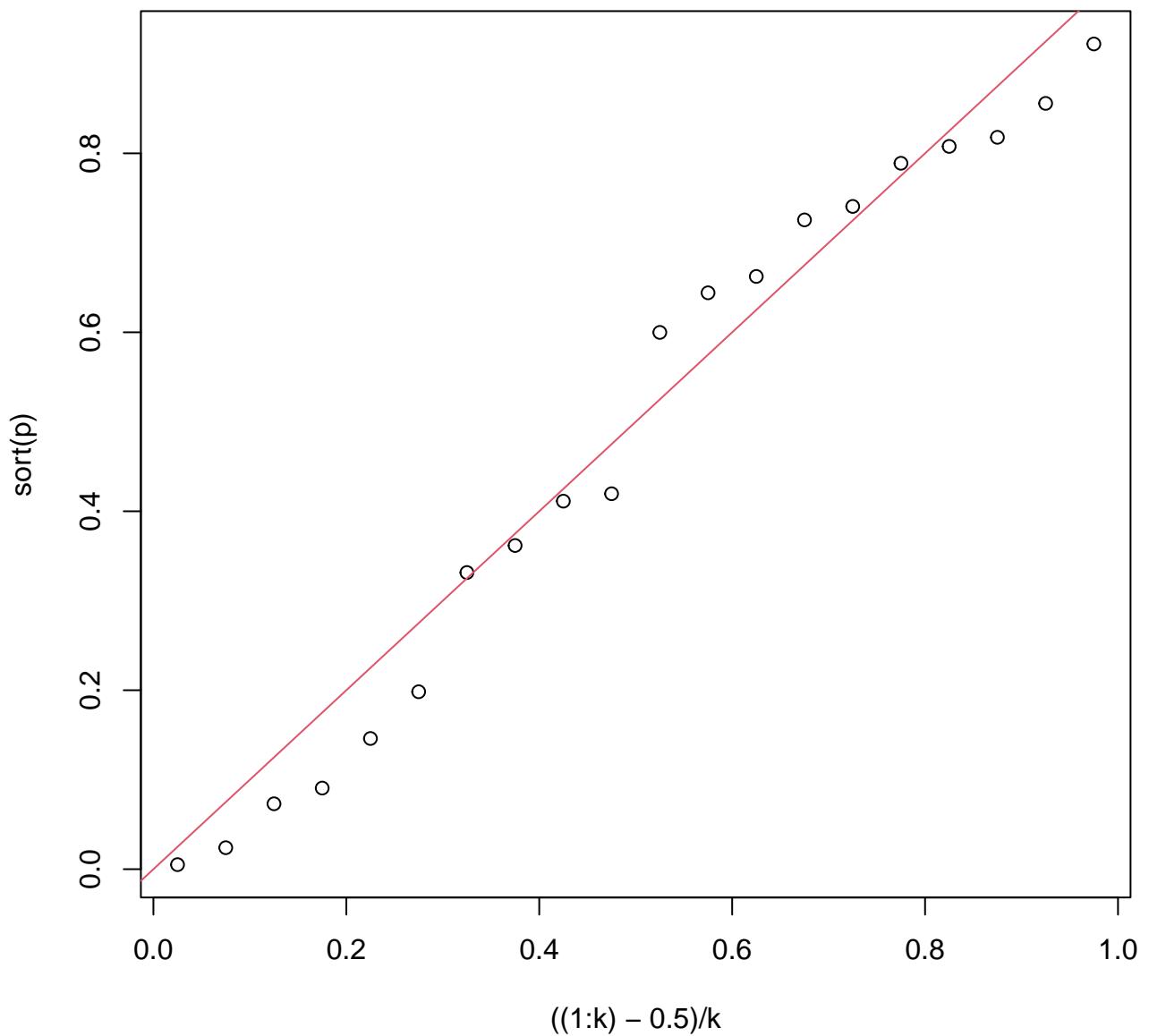
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help("summary.gam")
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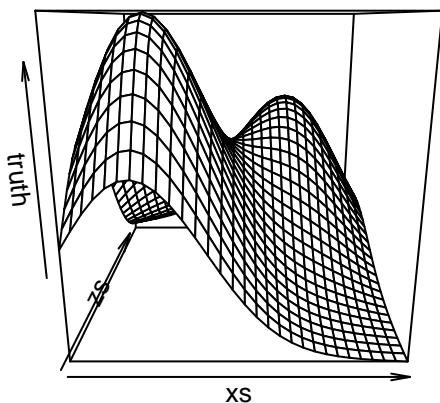
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help("summary.gam")
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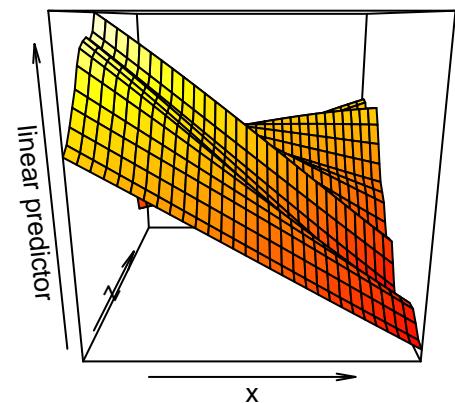
help("summary.gam")



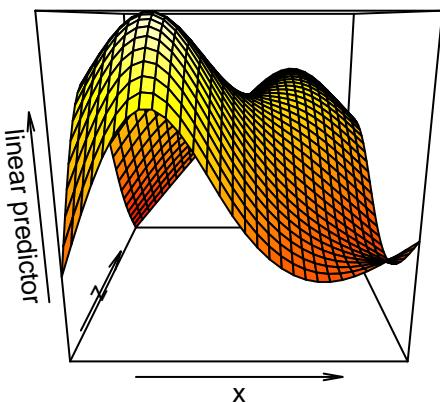
truth



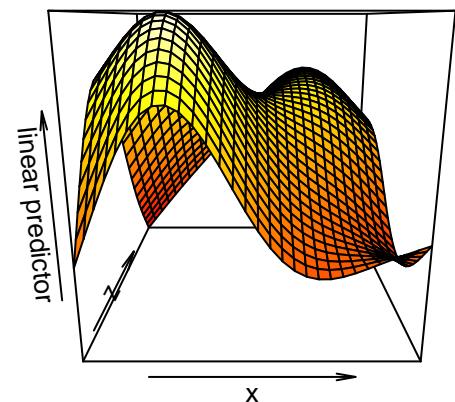
t.p.r.s



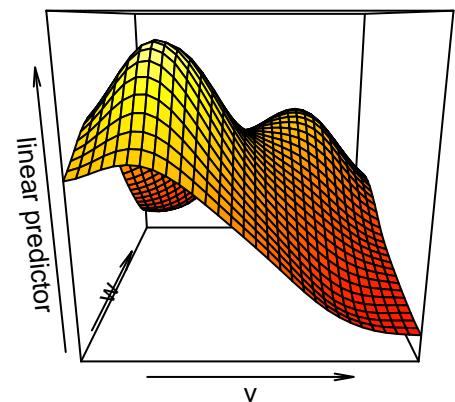
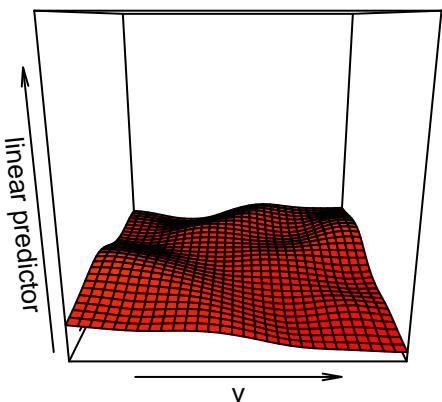
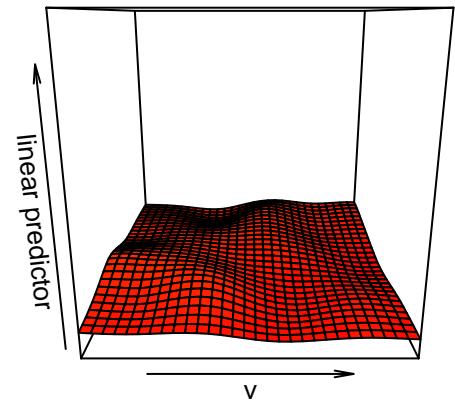
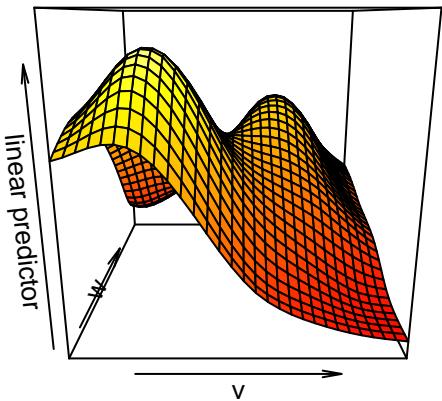
tensor product



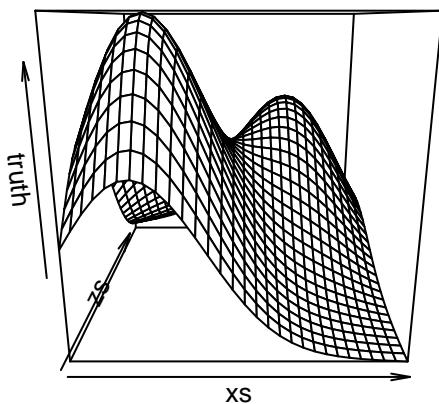
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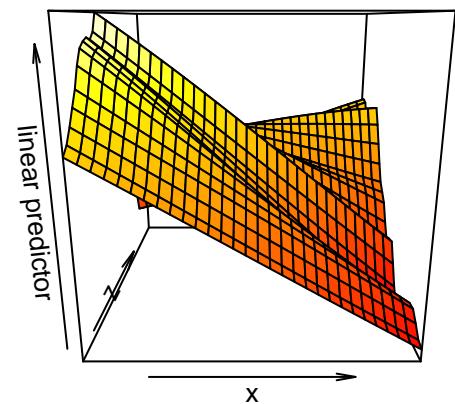
$\text{label}(z_n)$



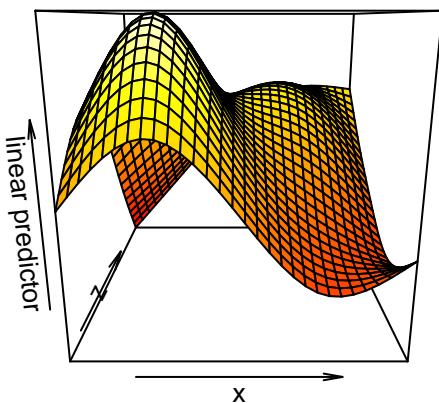
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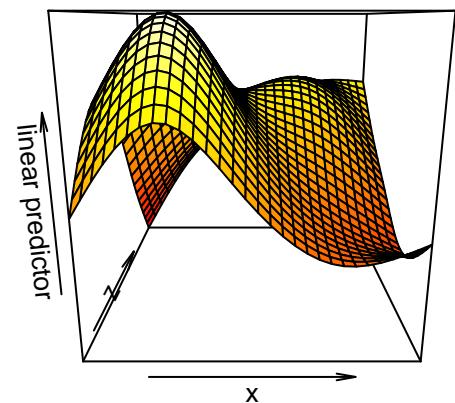
t.p.r.s



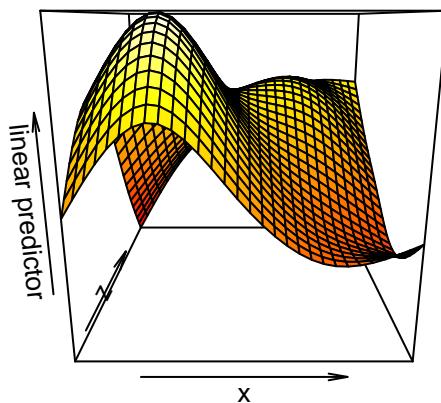
tensor product



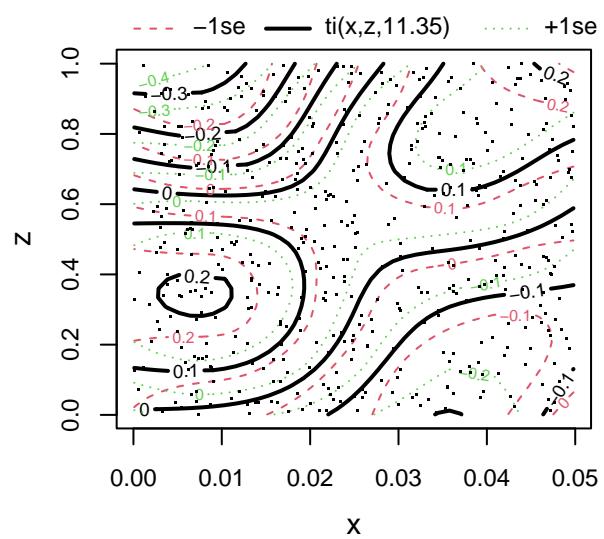
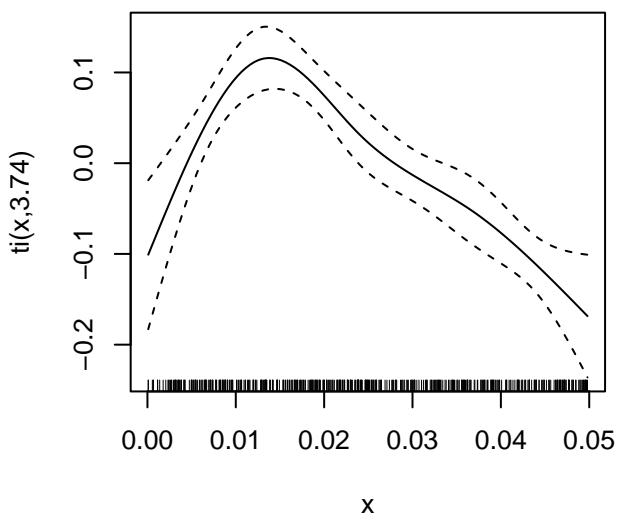
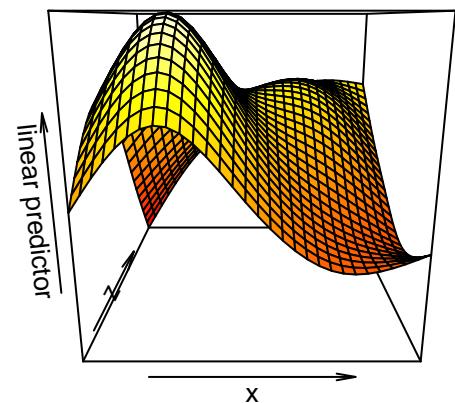
tensor anova



full anova



partial anova



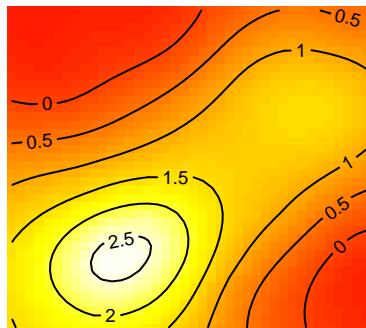
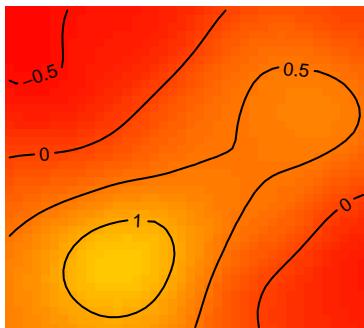
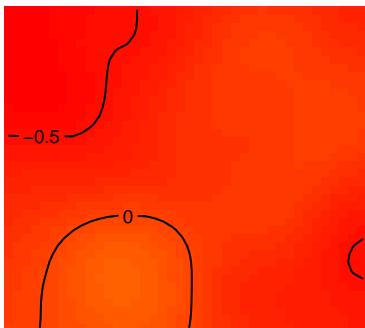
help("te")

$u \rightarrow$

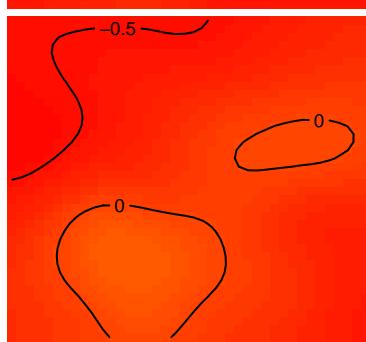
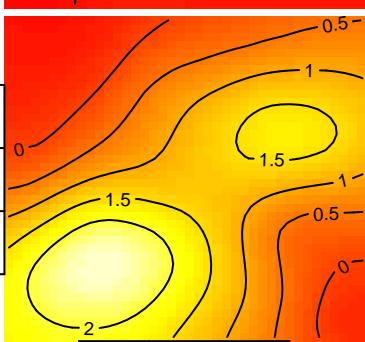
0.75

0.87

1.00

 $te(vwu, 80.07)$ 

help("te")

 v 

0.2 0.4 0.6 0.8

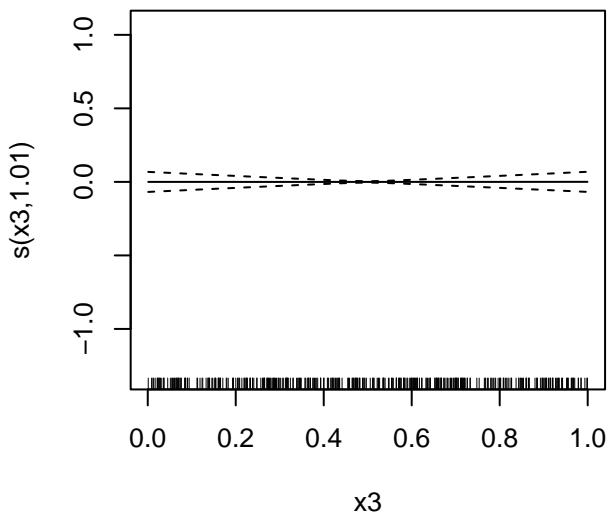
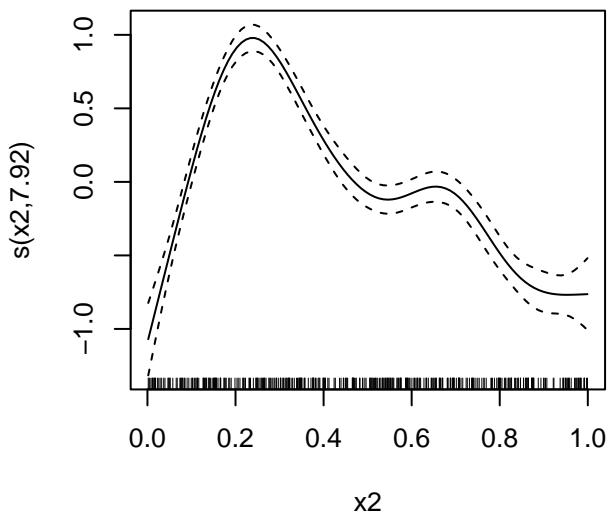
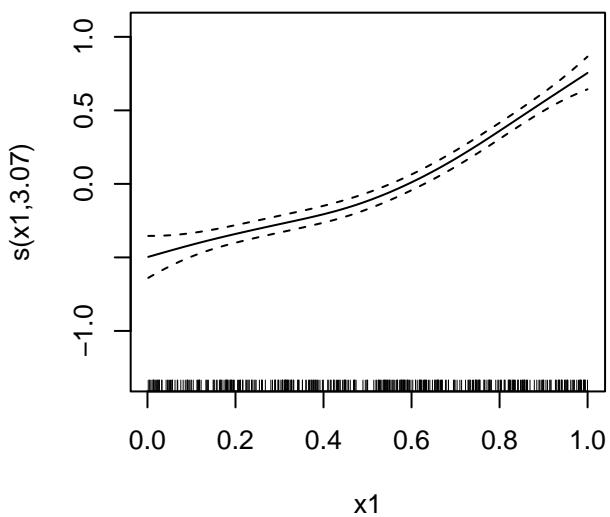
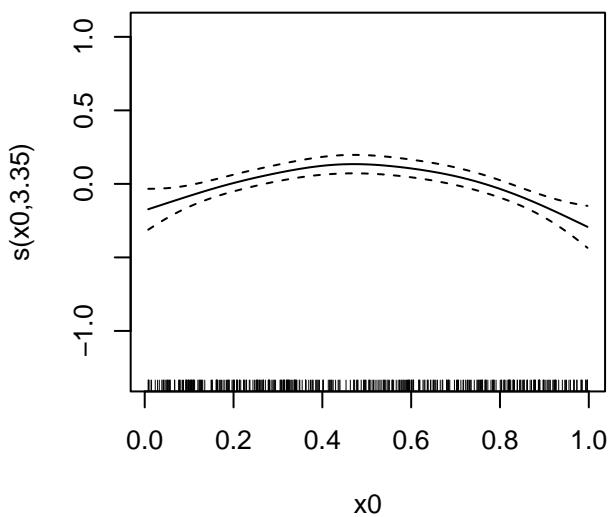
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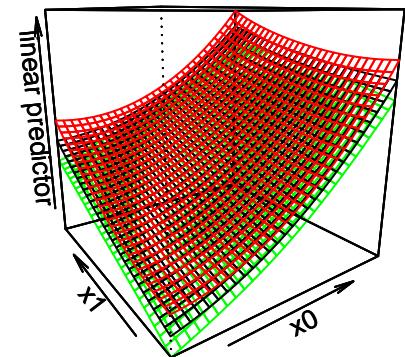
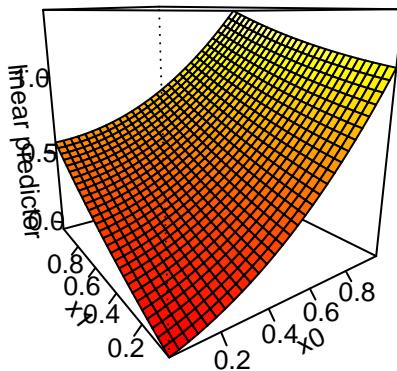
0.13

0.25

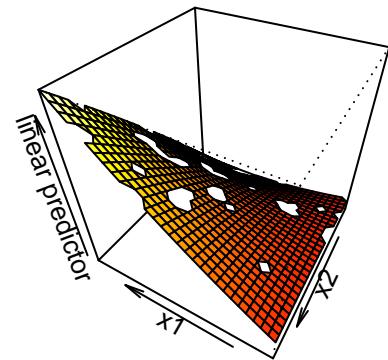
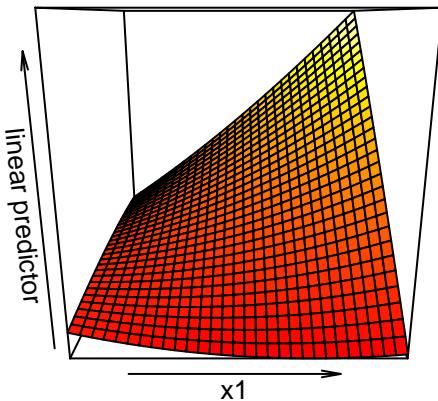
 $u \rightarrow$

help("twiss")

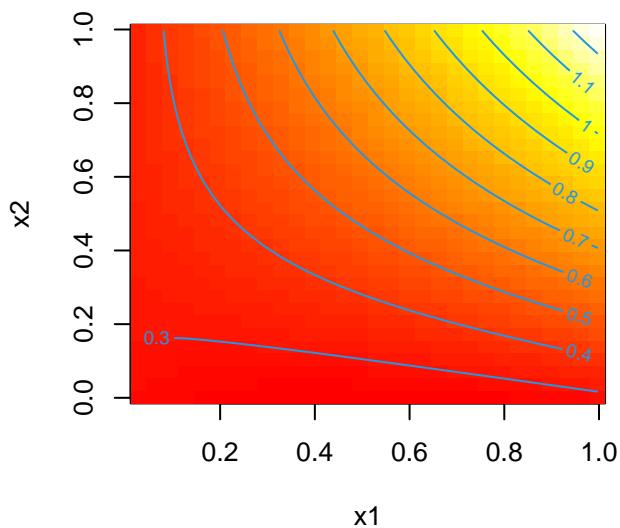




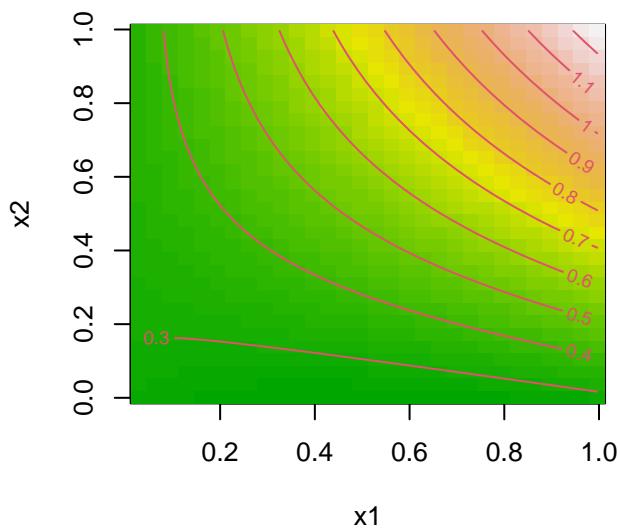
red/green are ± 2 s.e.



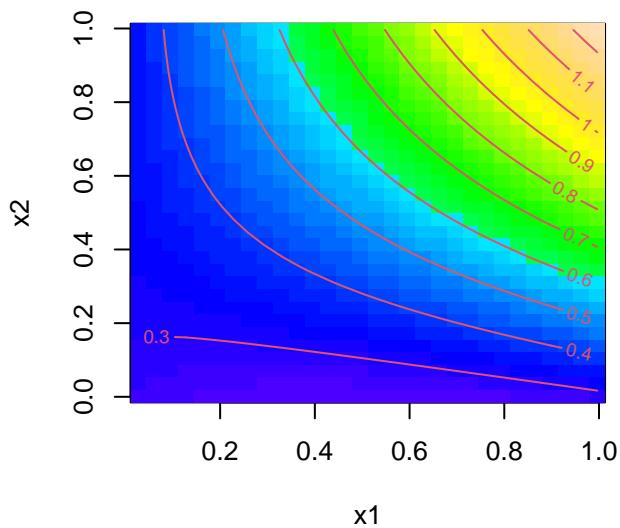
linear predictor



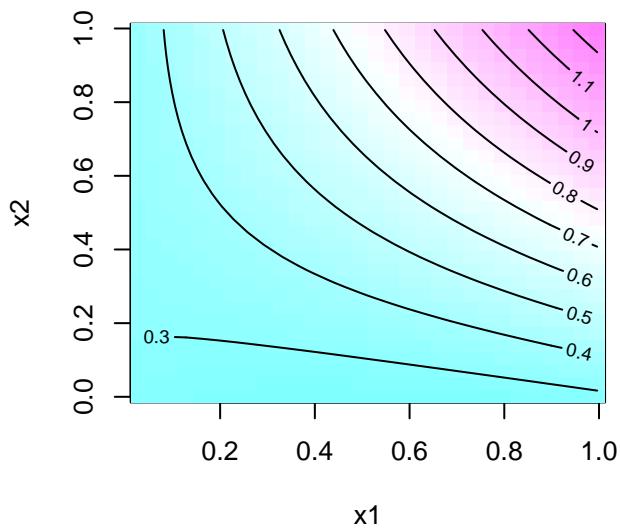
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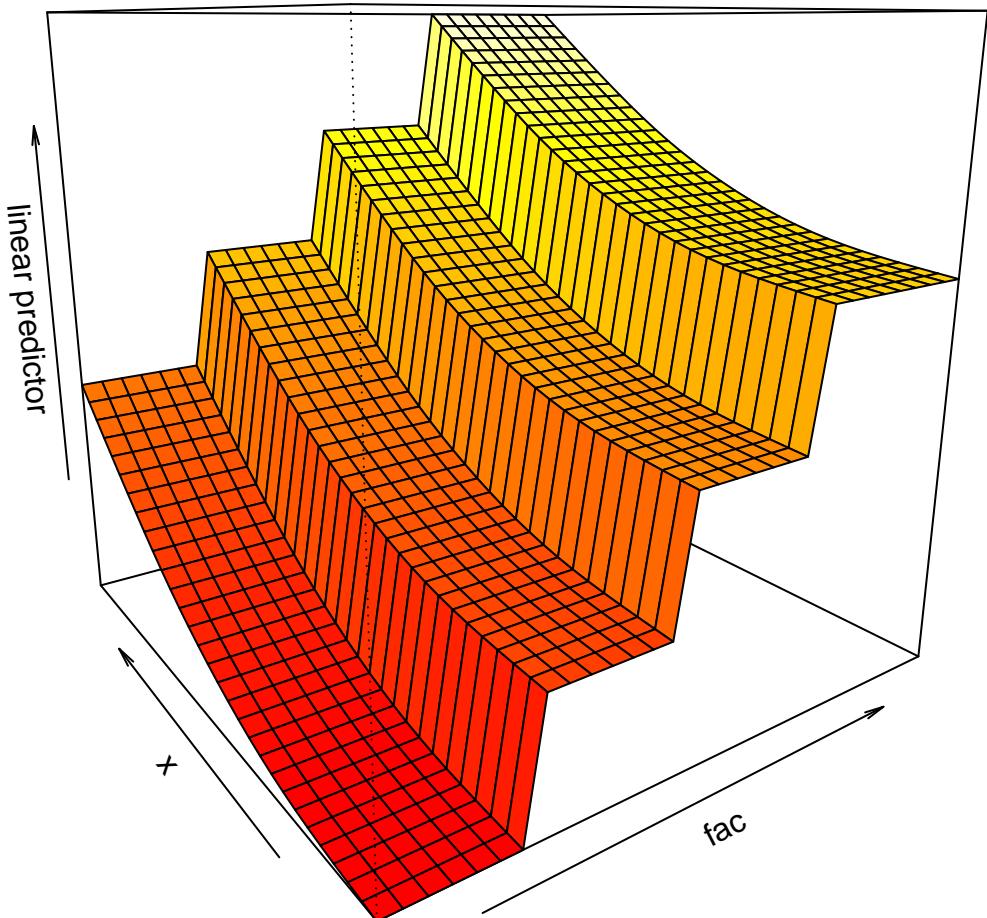
linear predictor



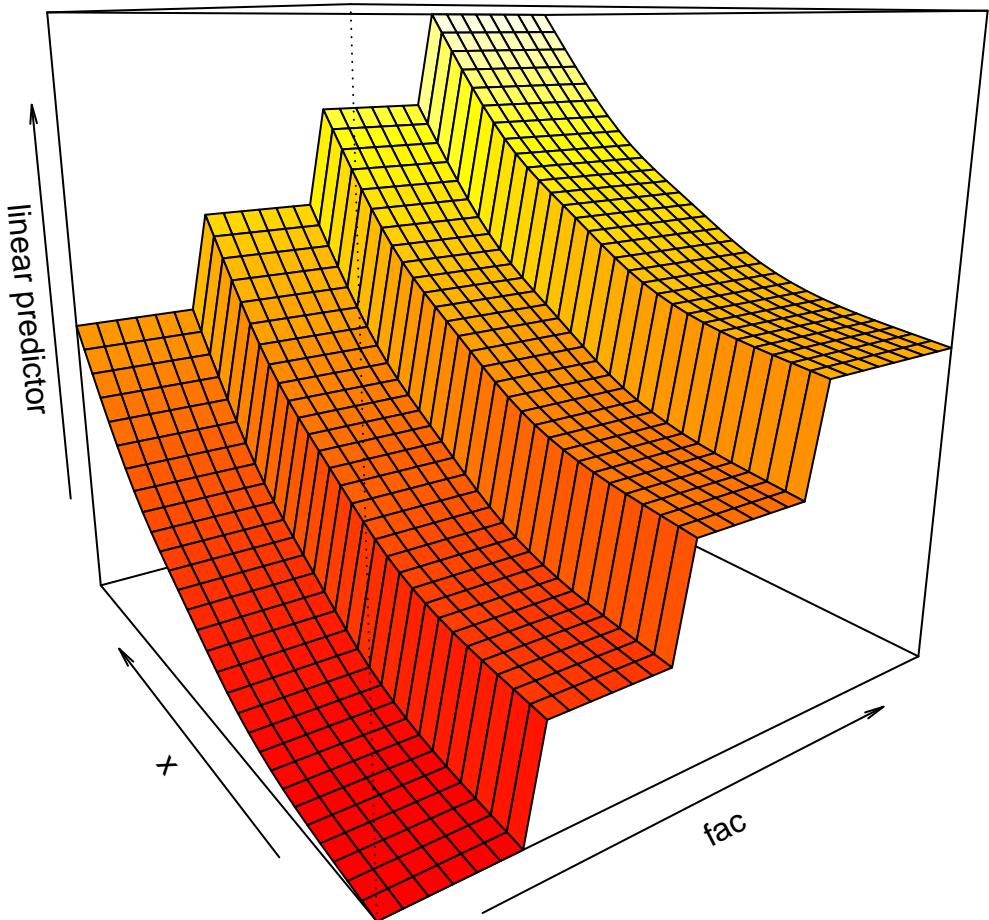
linear predictor

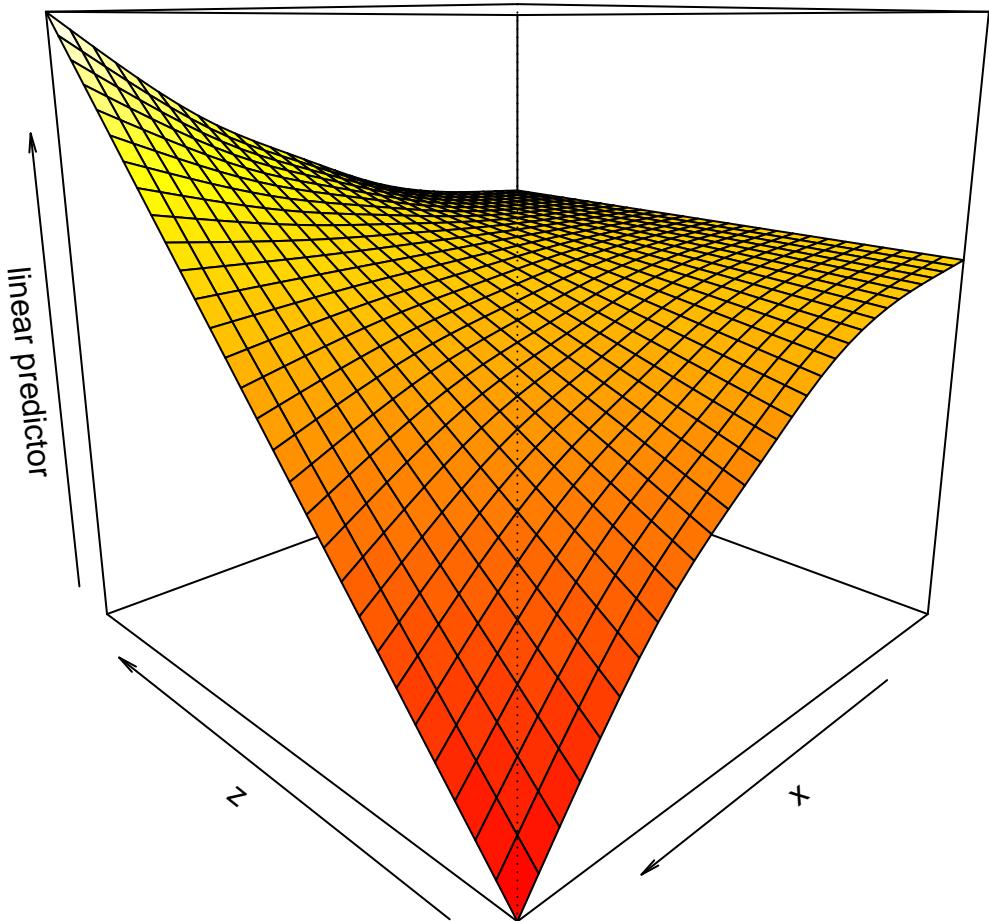


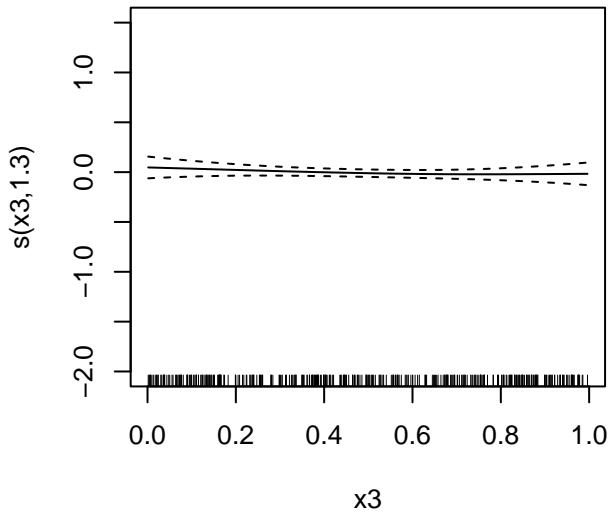
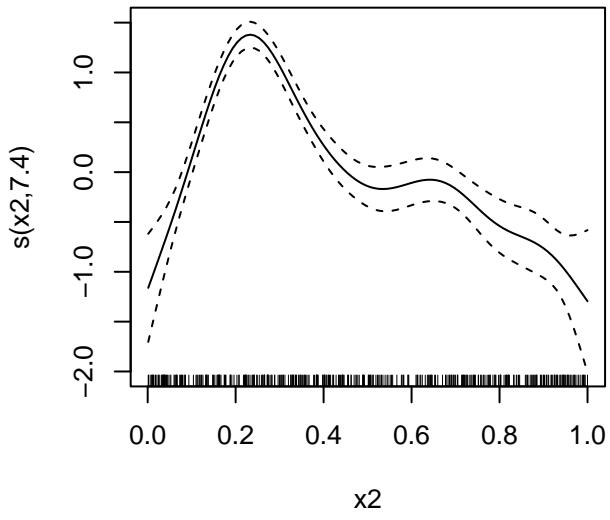
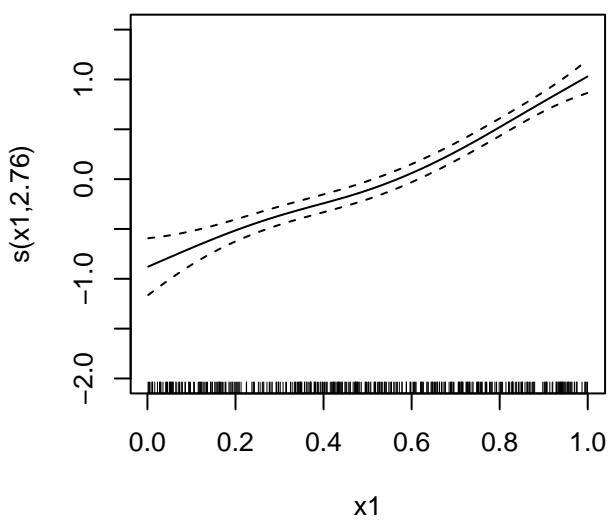
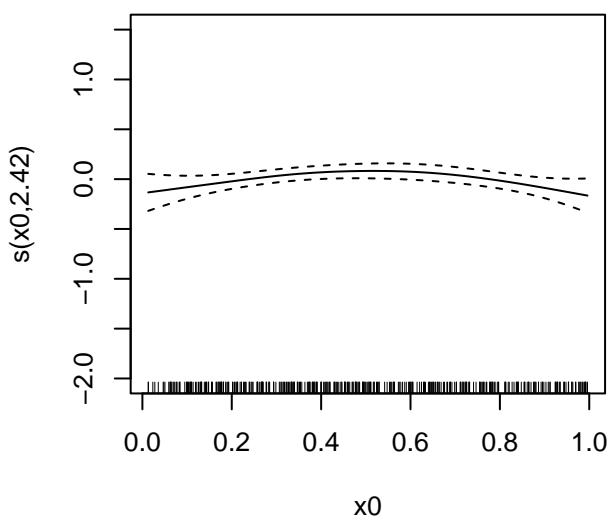
help("vis.gam")



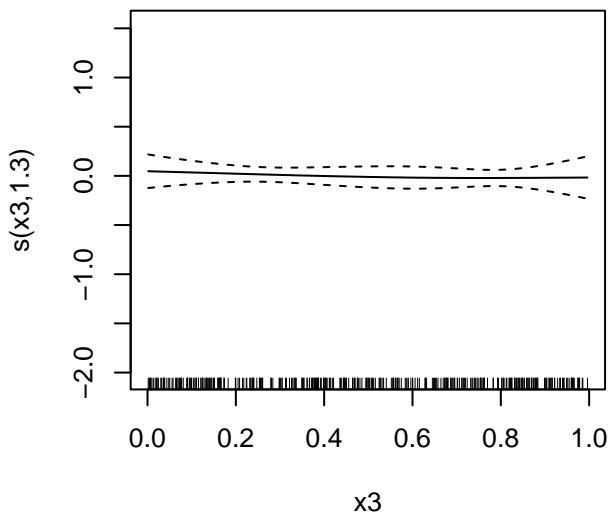
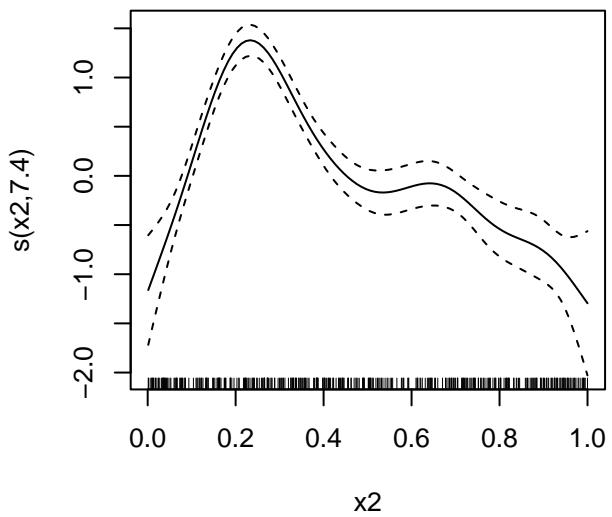
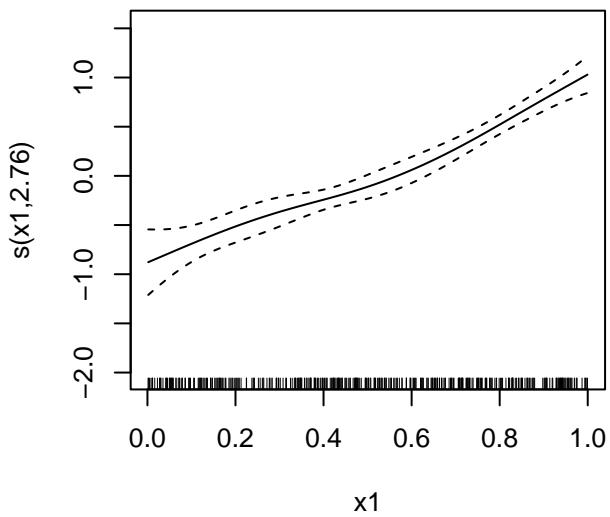
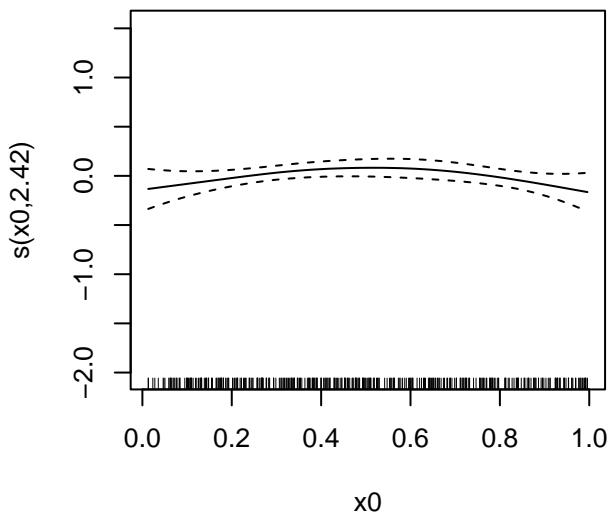
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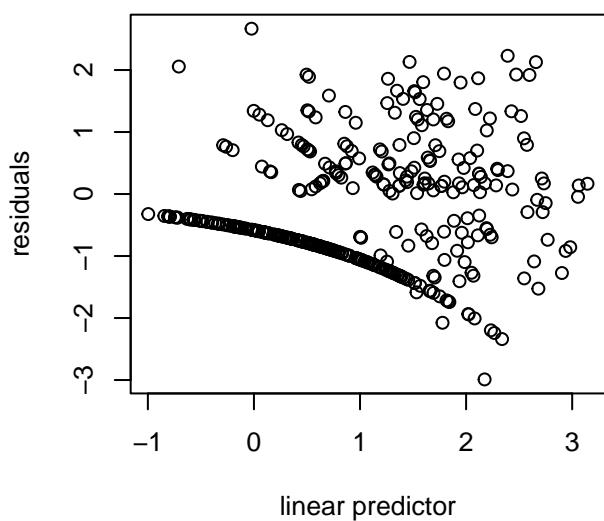
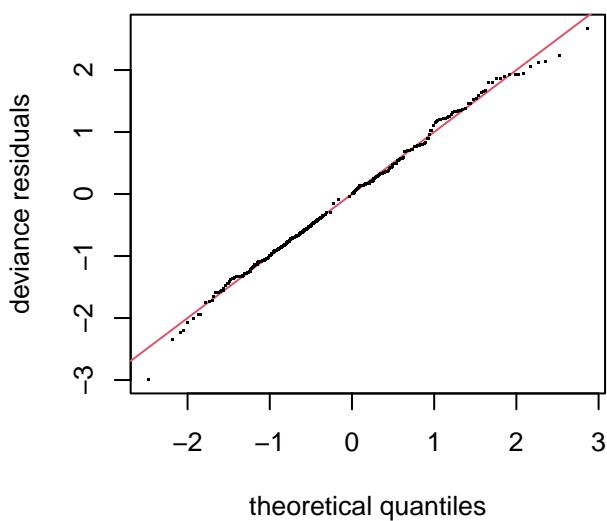


help("zIP")

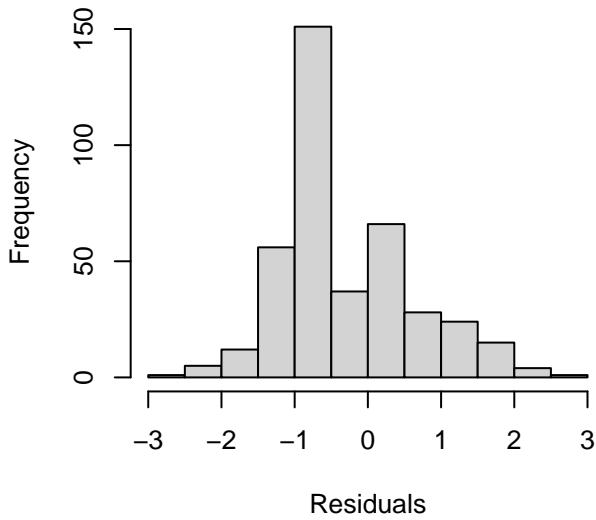


help("ziP")

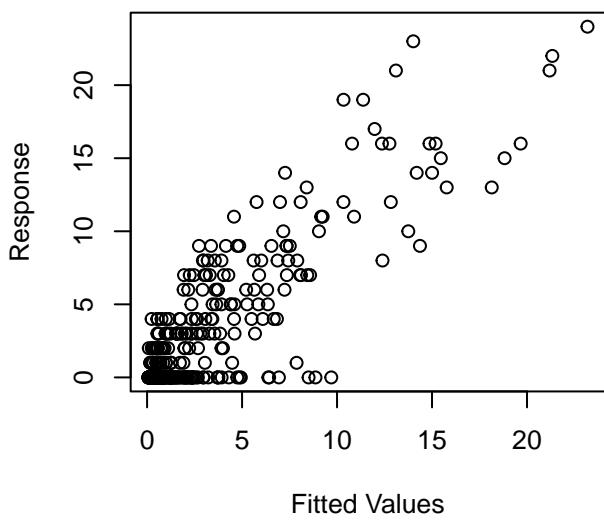
Resids vs. linear pred.



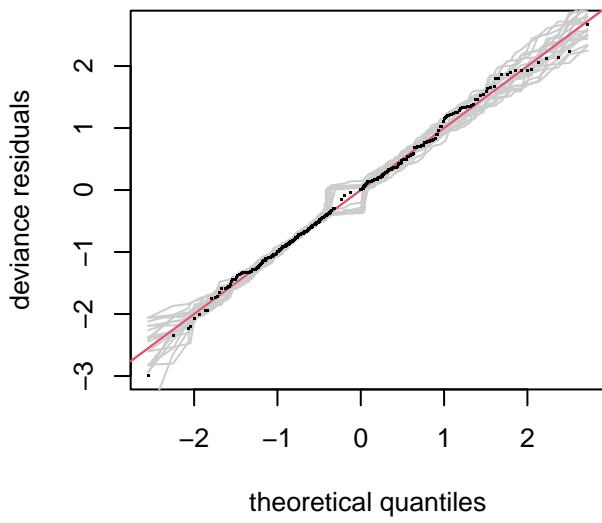
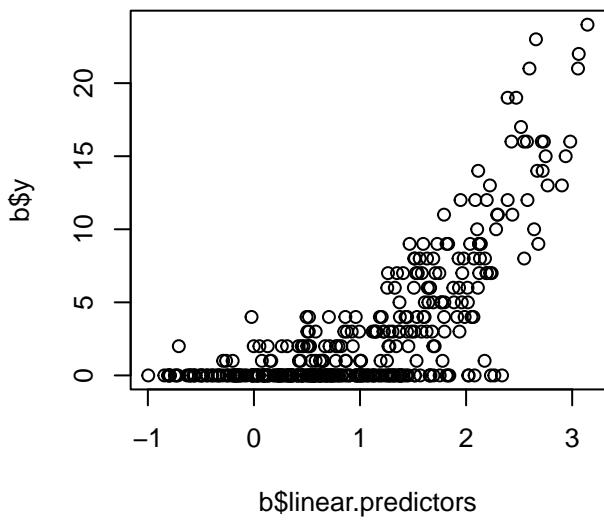
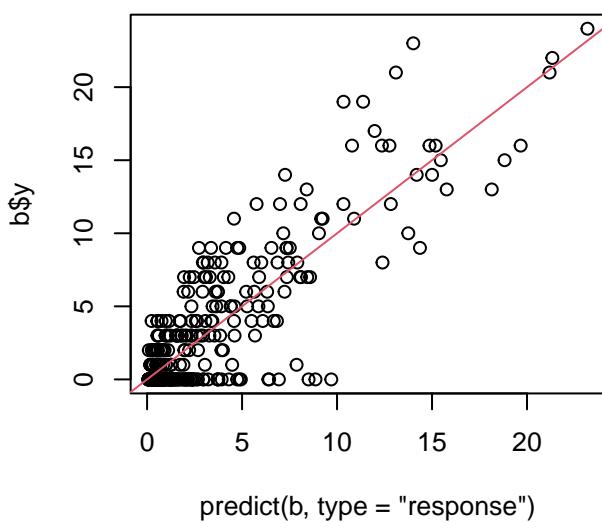
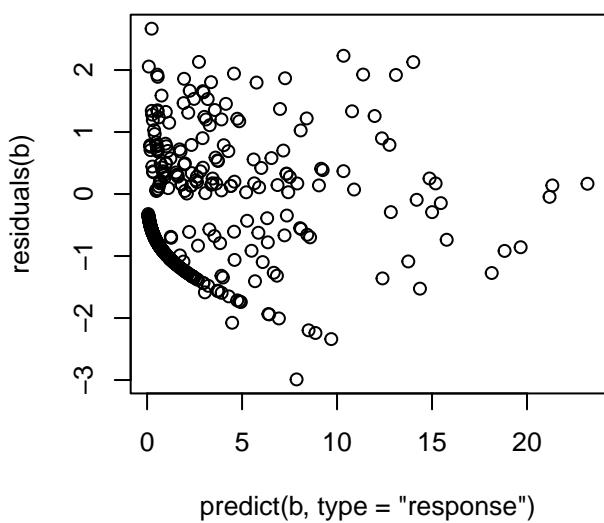
Histogram of residuals



Response vs. Fitted Values



help("zIIP")



help("zIIP")

help("ziplss")

