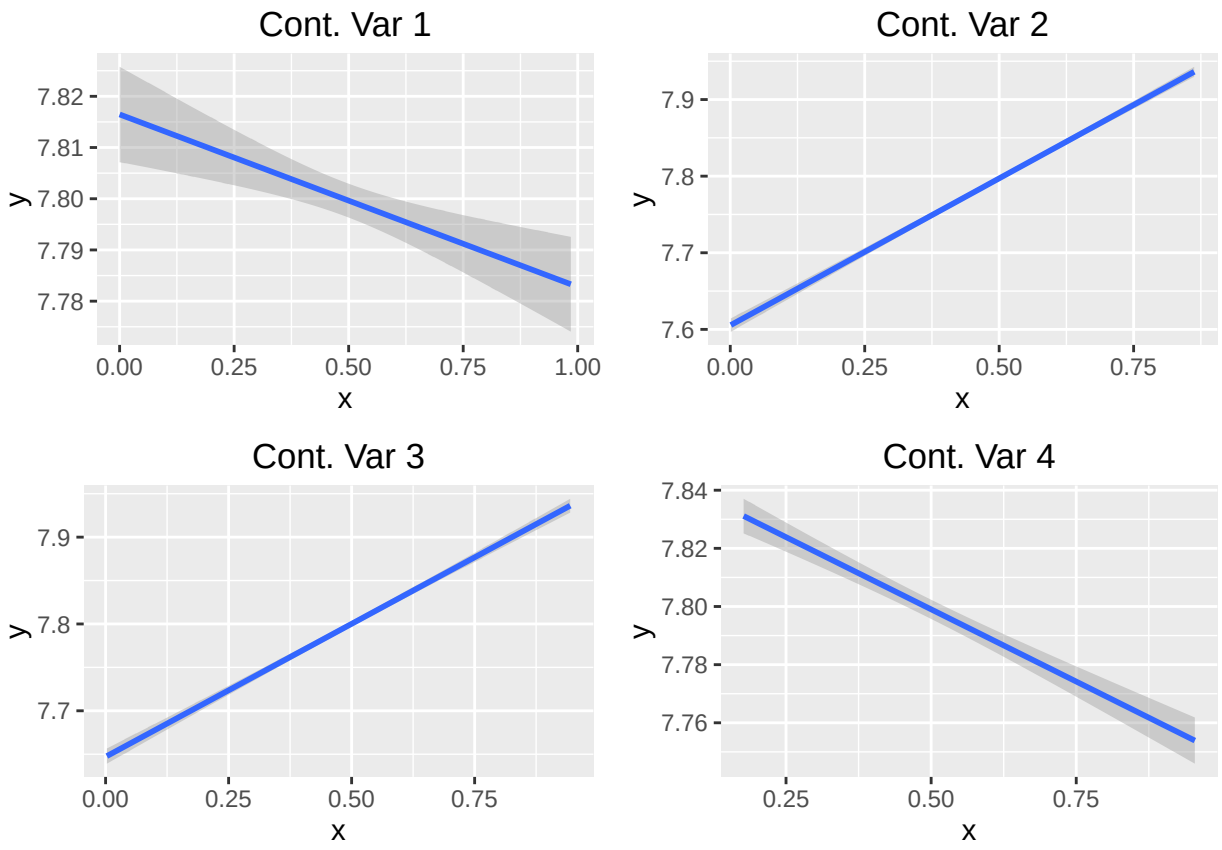
Linear and LOESS Fits

Alex Kroeger

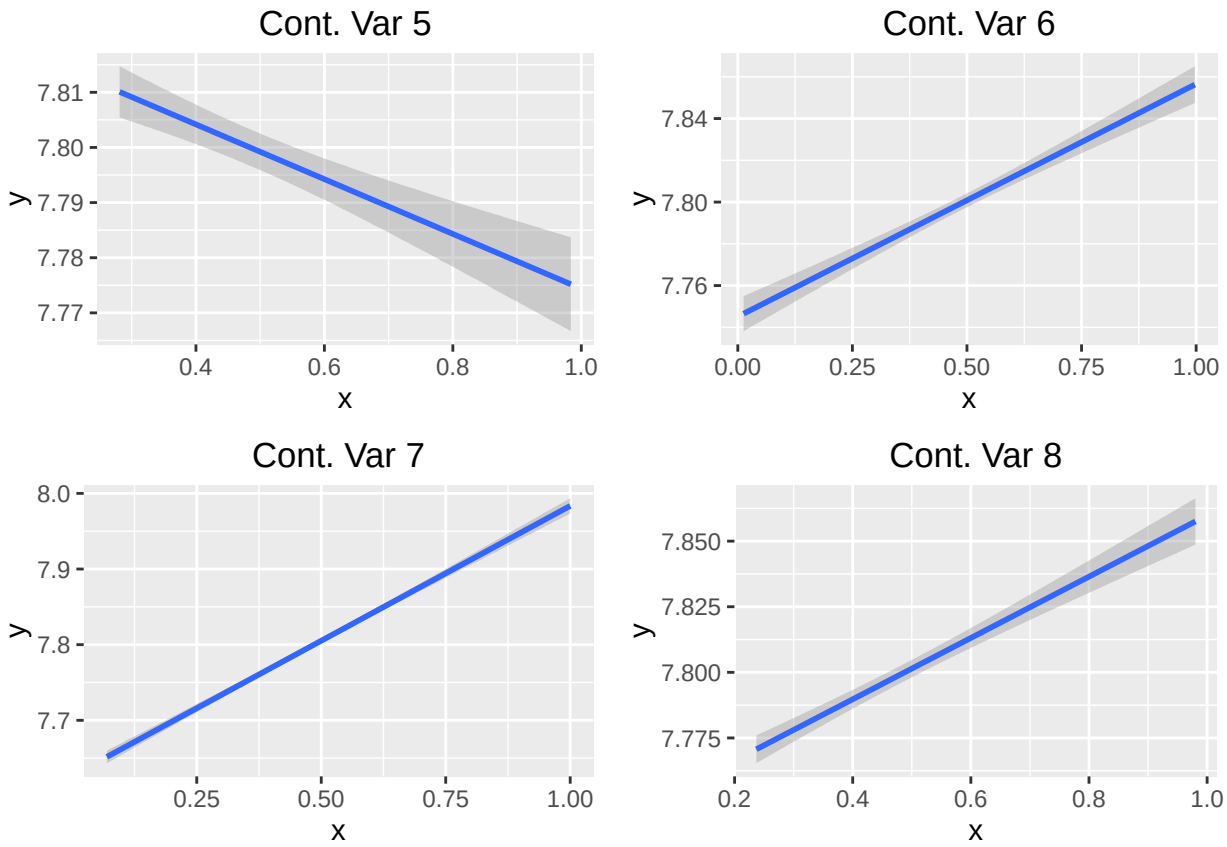
October 29, 2016

Scatter Plots of Continuous Predictors with Linear Fit

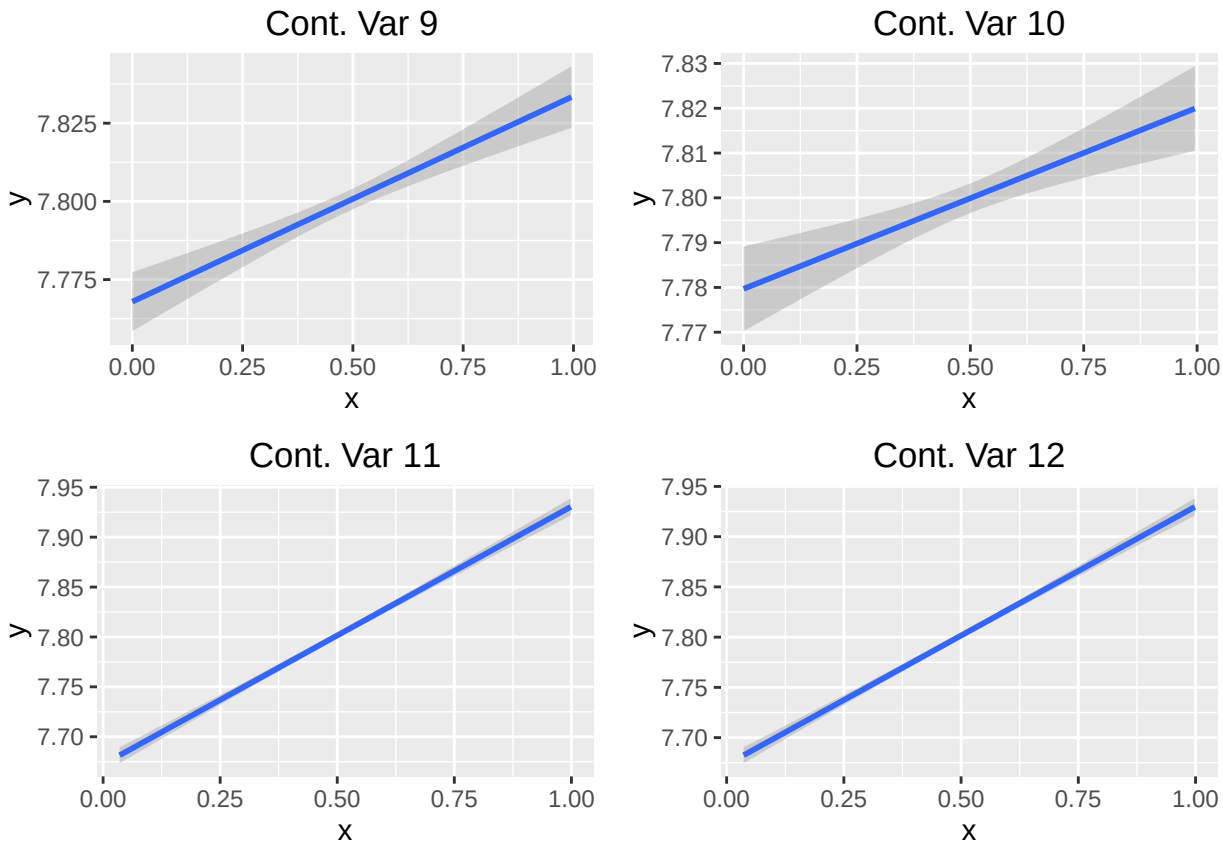
```
doPlots(train_num, fun=plotlinear, ii=1:4, lab=log(train$loss+200),ncol=2)
```



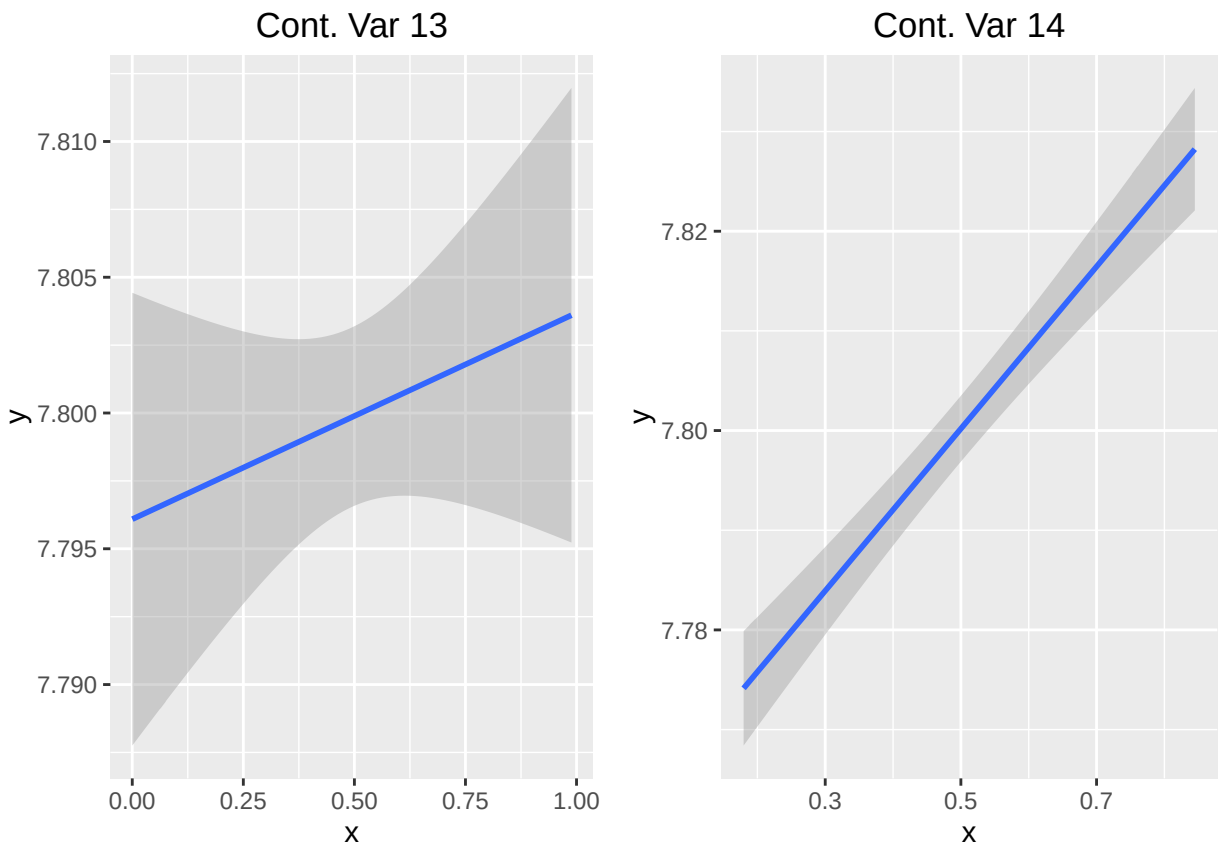

```
doPlots(train_num, fun=plotlinear, ii=5:8, lab=log(train$loss+200),ncol=2)
```




```
doPlots(train_num, fun=plotlinear, ii=9:12, lab=log(train$loss+200),ncol=2)
```

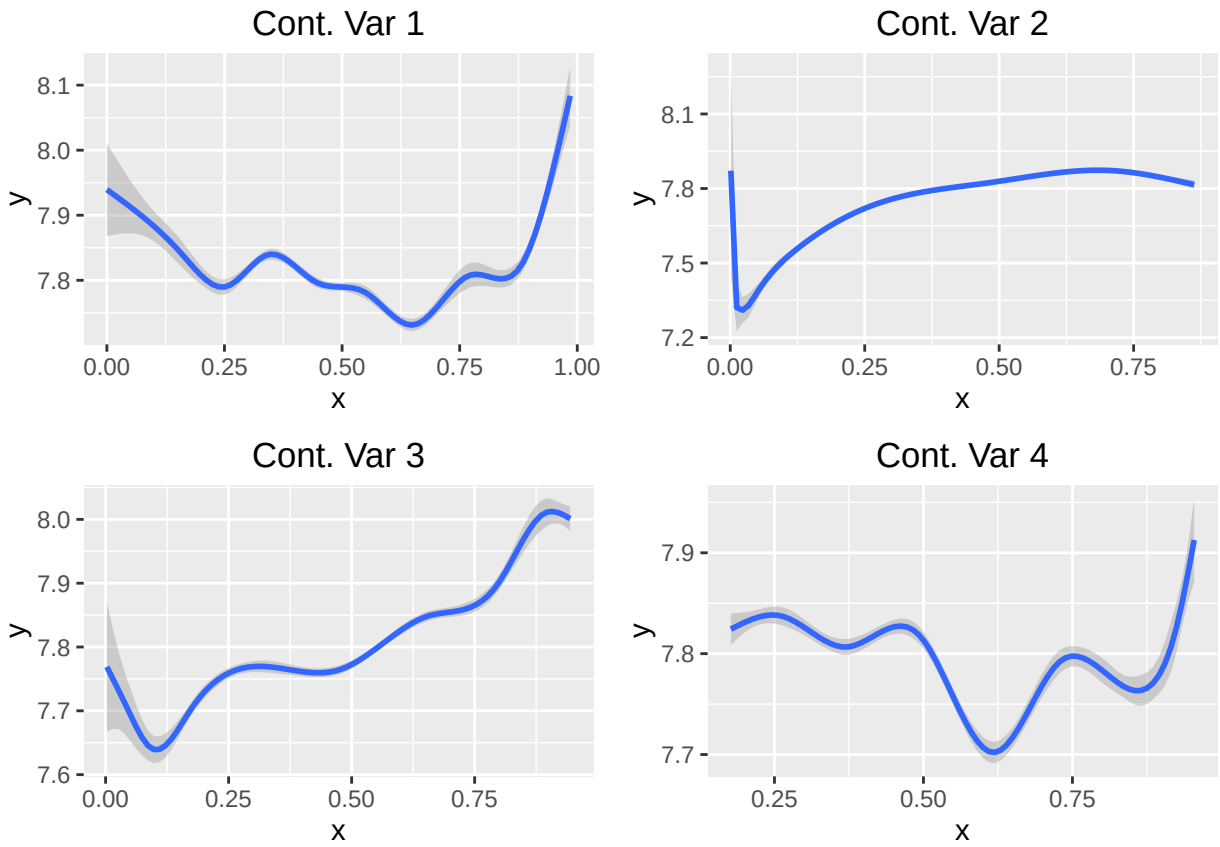



```
doPlots(train_num, fun=plotlinear, ii=13:14, lab=log(train$loss+200),ncol=2)
```

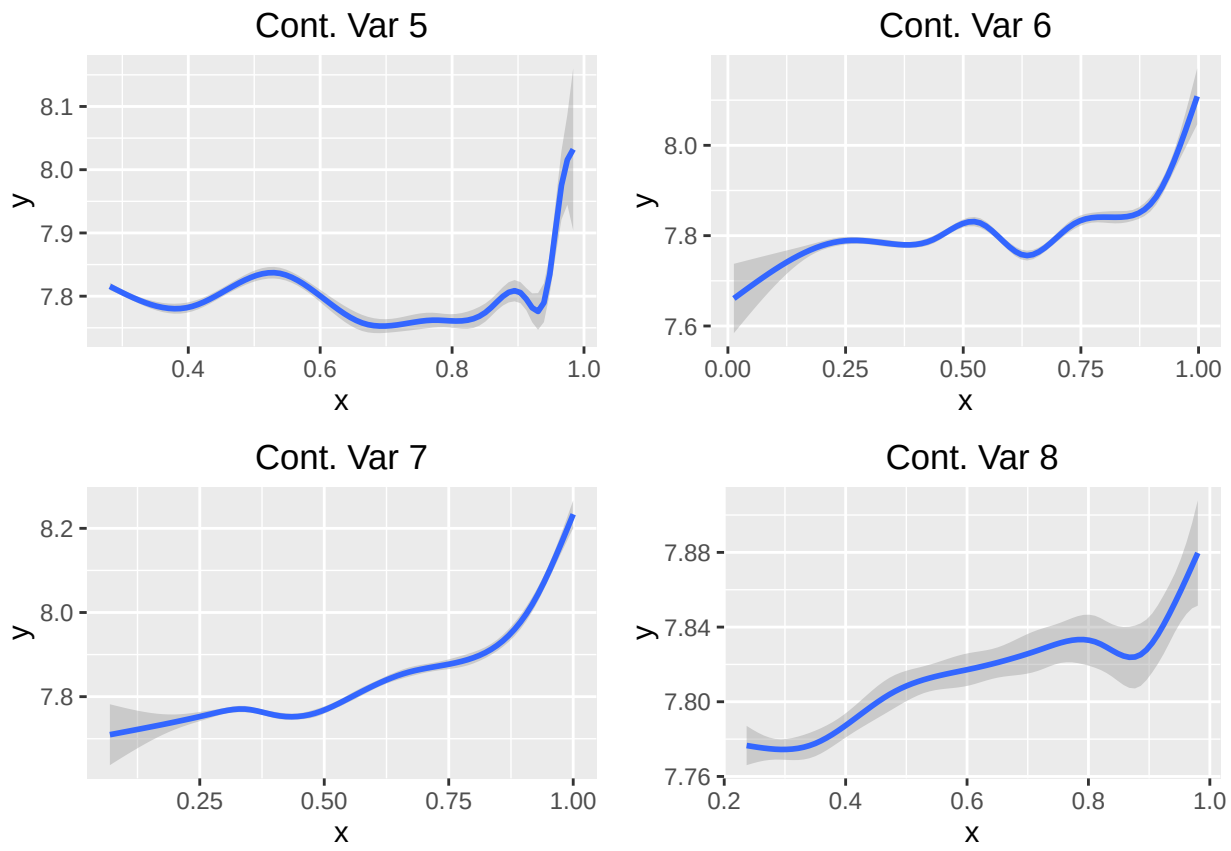


Scatter Plots of Continuous Predictors with Loess Fit

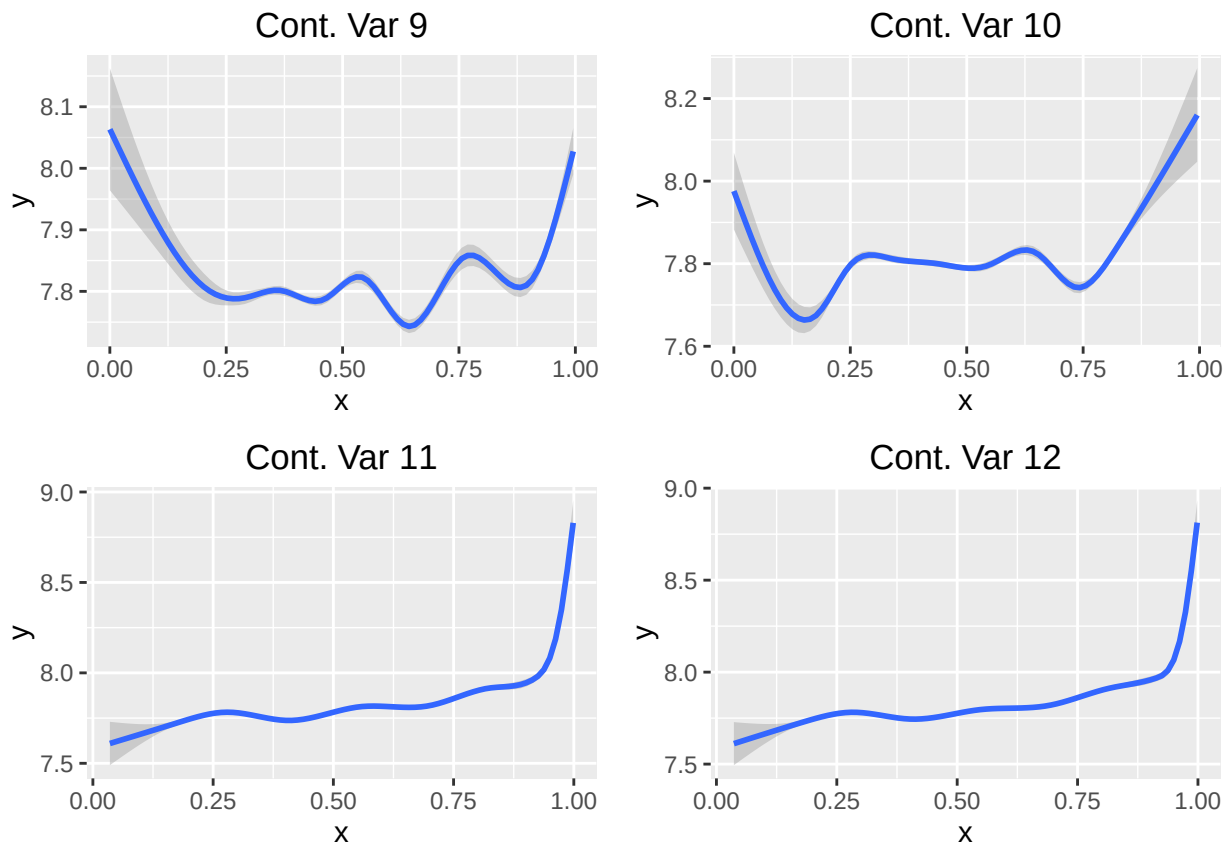
```
doPlots(train_num, fun=plotloess, ii=1:4, lab=log(train$loss+200),ncol=2)
```



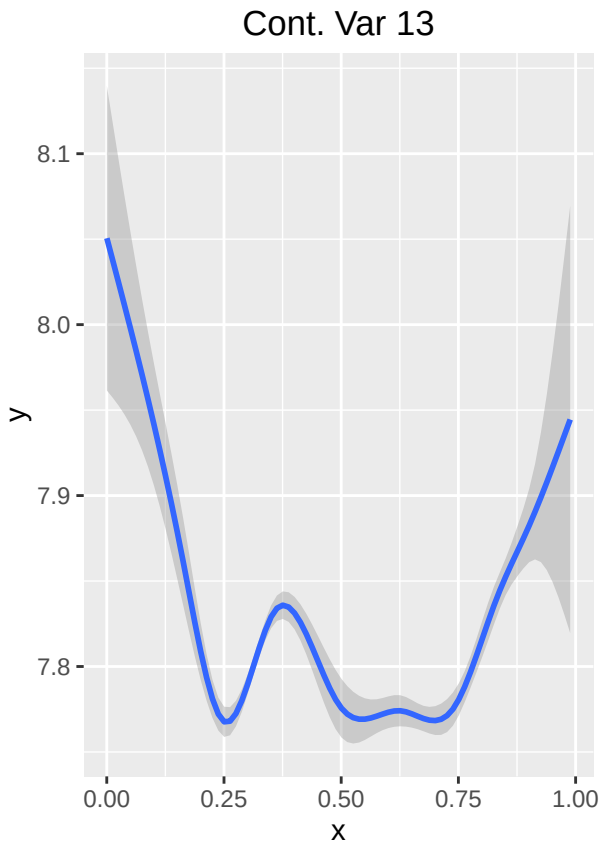

```
doPlots(train_num, fun=plotloess, ii=5:8, lab=log(train$loss+200),ncol=2)
```

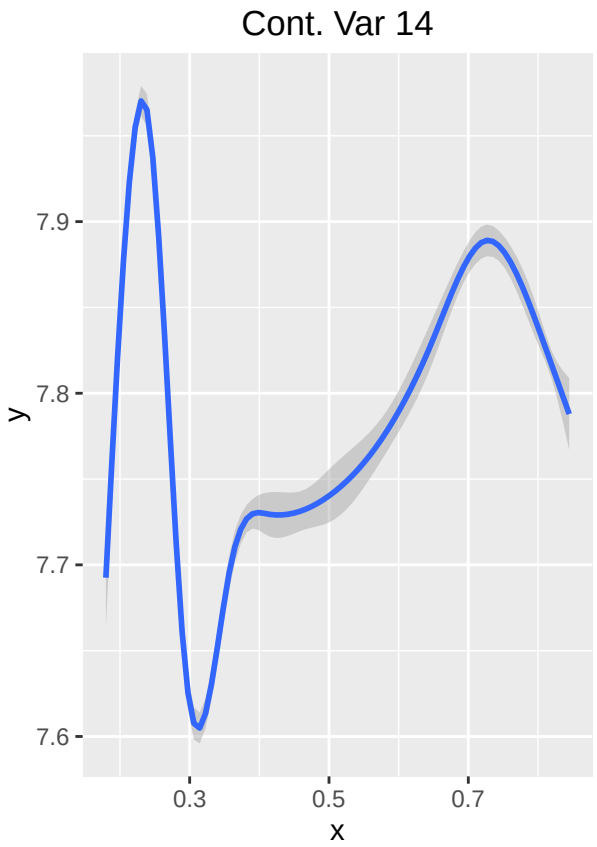



```
doPlots(train_num, fun=plotloess, ii=9:12, lab=log(train$loss+200),ncol=2)
```




```
doPlots(train_num, fun=plotloess, ii=13:14, lab=log(train$loss+200),ncol=2)
```


Cont. Var 13
8.1
8.0
7.9
7.8
y
0.00
0.25
0.50
0.75
1.00
x


Cont. Var 14
7.9
7.8
7.7
7.6
y
0.3
0.5
0.7
x