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library(lattice)
library(latticeExtra)

MyData <- read.csv("OTC.IM.Plasma.20.txt", sep = "\t", skip = 5)
head(MyData)
X = MyData$Time
Y = MyData$CV
plot.RealData <- plot(X, Y, type = c("p"), col = 'blue', main = "Actual Data", xlab = c("Time (hours)"), ylab = c("CV
(mg/mL)"))

#converting my_df.txt to a dataframe called my_df by importing it and saving as a dataframe

plot.Simulation <- xyplot(CV~Times,
  data= subset(my_df, Times > 0.01),
  type="l", # 'l' for "loess fit"
  main= "Simulated vs Actual CVs",
  xlab = "Time (hour)",
  ylab = "Concentration (mg/mL)",
  scales = list(y=list(limits=c(0,12))))
#plot.Simulation # Display the plot

#Layer Simulated with Real Data plot:
plot.Simulation + as.layer(plot.RealData)

```