## Fitted Regression Model Lines

Federico Lopez 2015-10-08

```
library(ggplot2)
#install.packages("alr3")
library(alr3)
#load Pearson-Lee data: collection of data, heights in inches of mothers
#and their daughters, on over 1100 families in England in the period 1893
#to 1898
ht <- heights
head(ht)
    Mheight Dheight
## 1
       59.7
             55.1
## 2
       58.2
               56.5
## 3
       60.6 56.0
       60.7 56.8
## 4
             56.0
## 5
       61.8
## 6
       55.5 57.9
#adding fitted regression model lines
#base plot with 95% confidence region
sp <- ggplot(ht, aes(x=Mheight, y=Dheight))</pre>
sp + geom_point() + stat_smooth(method=lm, level=0.95)
```



