

```

require(tikzDevice)

## Loading required package: tikzDevice
## Loading required package: filehash
## Loading required package: methods
## filehash: Simple key-value database (2.2-2 2013-12-16)

tikz('plots/cars-plot.tex', standAlone=TRUE)
library(stats)
plot(cars)
lines(lowess(cars))
dev.off()

```

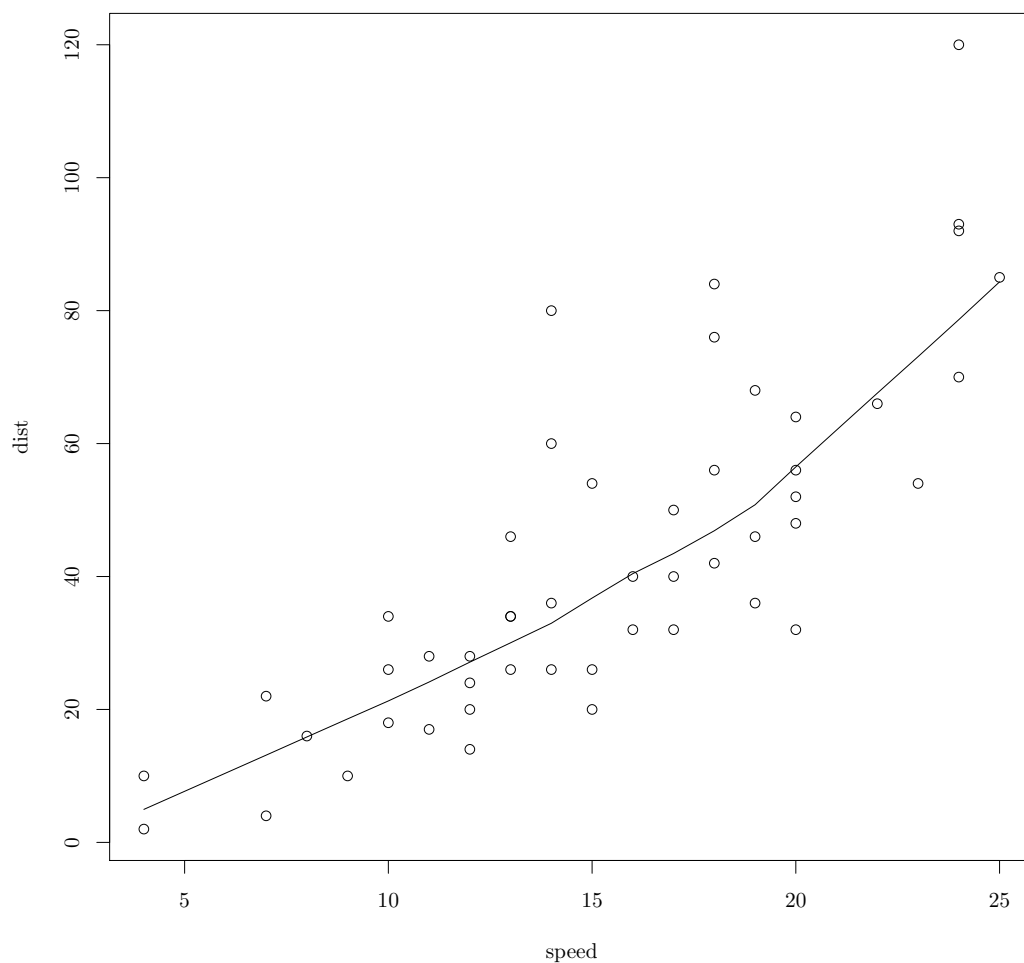


Figure 1: This is the PDF output from cars-plot.tex file. Notice that the font is the same as the rest of the document.

```

my_data <- read.delim("my_data.txt")
summary(my_data)

##   participant   group    fstim      fpro
##   Min.   :11.0   LL:110   Min.    : 0   Min.    :0.000
##   1st Qu.:15.8   NE:110   1st Qu.: 2   1st Qu.:0.290

```

```
## Median :20.5      Median : 5      Median :0.470
## Mean   :20.5      Mean    : 5      Mean    :0.469
## 3rd Qu.:25.2      3rd Qu.: 8      3rd Qu.:0.562
## Max.   :30.0      Max.    :10      Max.    :1.000
```

```
library(ggplot2)
```

```
require(tikzDevice)
options(tikzLatexPackages = c(getOption("tikzLatexPackages"),
  "\\usepackage{tipa}"))
tikz('plots/ipa_plot.tex', standAlone=TRUE, width=10, height=6)
my_data$group <- factor(my_data$group, levels = c("EL", "NE", "LL"))
df<-with(my_data, aggregate(fpro, list(group=group, fstim=fstim), mean))
df$se<-with(my_data, aggregate(fpro, list(group=group, fstim=fstim),
  function(x) sd(x)/sqrt(10)))[,3]
gp <- ggplot(df, aes(x=fstim, y=x, colour=group, ymin=x-se, ymax=x+se))
gp + geom_line(aes(linetype=group), size = .5) +
  geom_point(aes(shape=group)) +
  geom_ribbon(alpha = 0.15, linetype=0) +
  ylim(0, 1) +
  scale_x_continuous(breaks=seq(0, 10, by=1)) +
  labs(list(title = "[\\textesh ip/\\textesh\\textsci p]",
    x = "Stimuli", y = "\\% [\\textesh\\textsci p]")) +
  theme_bw() +
  theme(legend.background = element_rect(colour = 'grey50',
    fill = 'grey97', size = .75, linetype='solid')) +
  scale_linetype_discrete("Group") +
  scale_shape_discrete("Group") +
  scale_colour_discrete("Group")
dev.off()
```

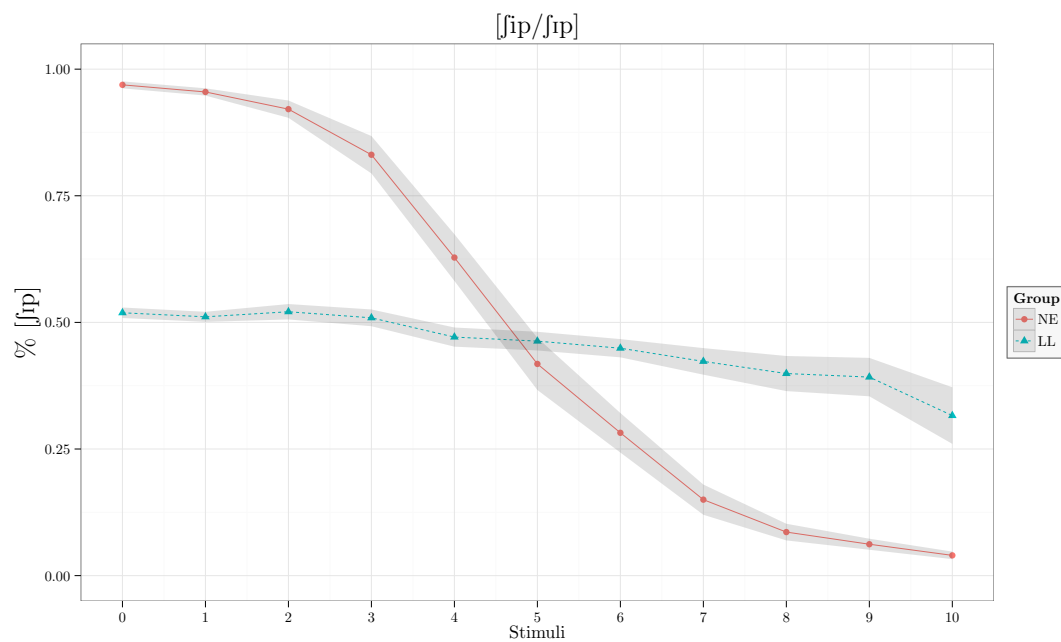


Figure 2: