

# Example Pretty XTable

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## Load libraries and source files

```
library(ggplot2)
source("../xtable_summary.R")
```

## Data plot with regression line

```
ggplot(cars, aes(x=speed, y=dist)) +
  geom_point() +
  stat_smooth(method="lm") +
  labs(x="Speed", y="Distance")
```

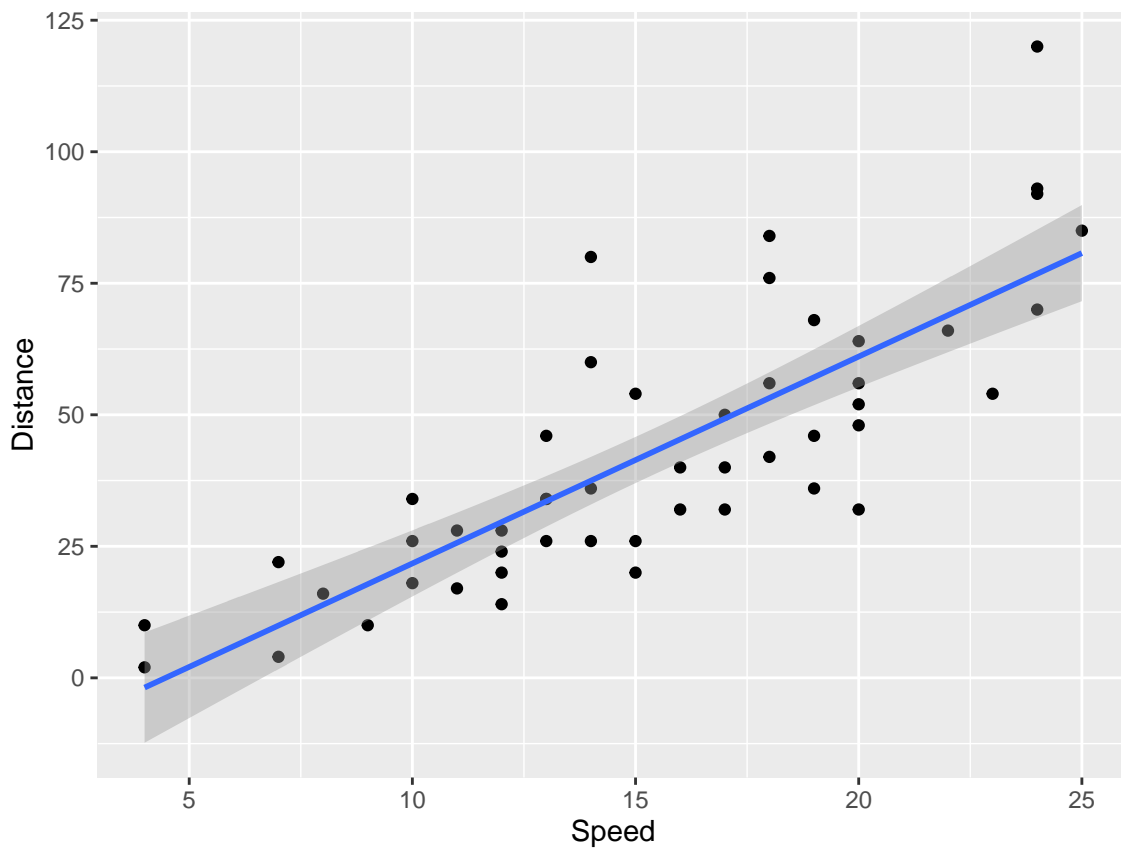


Figure 1: Car distance by speed with regression line

## Linear model calculation

```
cars.lm <- lm(dist ~ speed, data=cars)
xtable.summary(model.obj=cars.lm, file.id="cars", alt.factor.names=c("Speed"))
```

	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	-17.5791	6.7584	-2.60	<b>0.0123</b>
Speed	3.9324	0.4155	9.46	<b>1.49e-12</b>

D.f.	Residual Std. Error	$R^2$	Adjusted $R^2$	$p$ -value
48	15.38	0.65	0.64	0.00

Table 1: Linear model for distance by speed