

Figure Subcaptions Example

```
cap1 <- 'Speed vs Distance'
cap2 <- "Weight vs MPG"
cap3 <- "HP vs MPG"

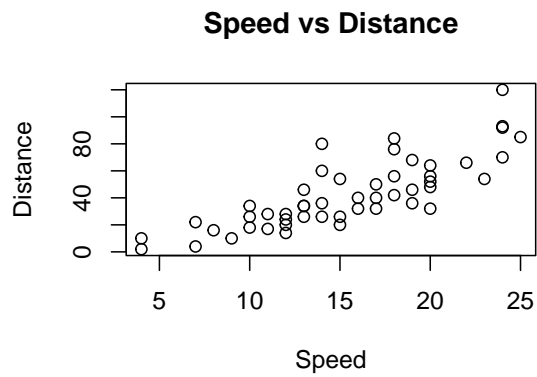
# Set chunk options
knitr::opts_chunk$set(
  fig.subcap = c(cap1, cap2, cap3)
)
```

```
# Plot 1: Speed vs Distance
plot(cars$speed, cars$dist,
     main = "Speed vs Distance",
     xlab = "Speed", ylab = "Distance")

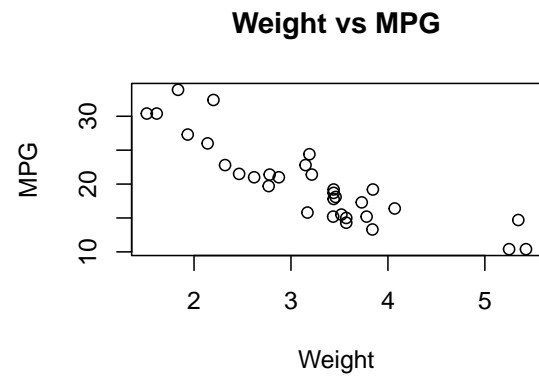
# Plot 2: Weight vs MPG
plot(mtcars$wt, mtcars$mpg,
     main = "Weight vs MPG",
     xlab = "Weight", ylab = "MPG")

# Plot 3: Horsepower vs MPG
plot(mtcars$hp, mtcars$mpg,
     main = "HP vs MPG",
     xlab = "Horsepower", ylab = "MPG")
```

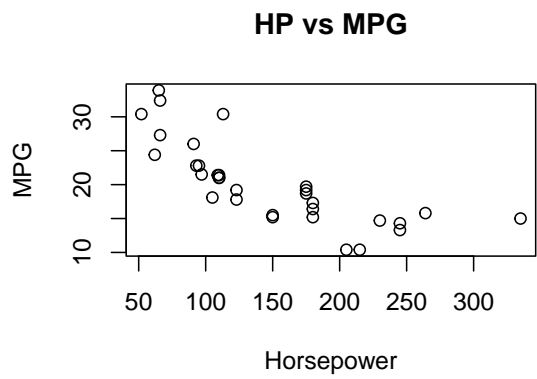
You can reference the overall figure as Figure 1, or individual subfigures as Figure 1a, Figure 1b, and Figure 1c. See Figure 1a for the speed relationship, Figure 1b for weight analysis, and Figure 1c for horsepower comparison.



(a) Speed vs Distance



(b) Weight vs MPG



(c) HP vs MPG

Figure 1: Relationship between car attributes