

plot test

First make something to plot (simulate regression data).

```
> n <- 50  
> x <- seq(1, n)  
> a.true <- 3  
> b.true <- 1.5  
> y.true <- a.true + b.true * x  
> s.true <- 17.3  
> y <- y.true + s.true * rnorm(n)  
> out1 <- lm(y ~ x)
```

Figure 1 (p. 1) is produced by the following code

```
> plot(x, y)  
> abline(out1)
```

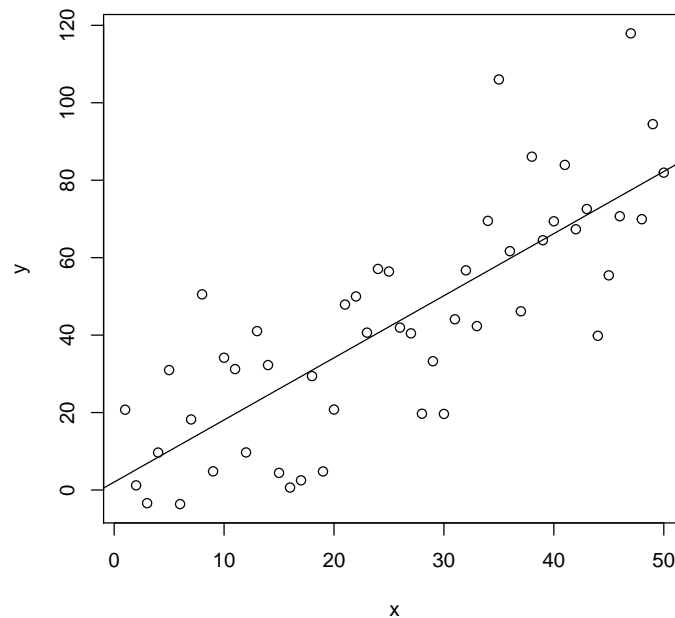


Figure 1: Scatter Plot with Regression Line

Note that `x`, `y`, and `out1` are remembered from the preceding code chunk. We don't have to regenerate them. All code chunks are part of one R "session".