



```
> dgh <- read.dta("ex9-1.dta")
```

```
> dgh
```

```
      x      y
1  171  58.0
2  176  69.0
3  175  74.0
4  172  68.0
5  170  64.0
6  173  68.5
7  168  56.0
8  172  54.0
9  170  62.0
10 172  63.0
11 173  67.0
12 168  60.0
13 171  68.0
14 172  76.0
15 173  65.0
```

```
> ob <- with(dgh, cor.test(x, y))
```

```
> ob
```

```
Pearson's product-moment correlation
```

```
data: x and y
```

```
t = 2.6996, df = 13, p-value = 0.01821
```

```
alternative hypothesis: true correlation is not equal to 0
```

```
95 percent confidence interval:
```

```
0.1256831 0.8504944
```

```
sample estimates:
```

```
cor
```

```
0.5993577
```

```
> str(ob)
```

```
List of 9
```

```
$ statistic : Named num 2.7
```

```
.. attr(*, "names")= chr "t"
```

```
$ parameter : Named num 13
```

```
.. attr(*, "names")= chr "df"
```