

```
> x = c(18,23,25,35,65,54,34,56,72,19,23,42,18,39,37)
> y = c(202,186,187,180,156,169,174,172,153,199,193,174,198,183,178)
> xylm <- lm(y ~ x)
> summary(xylm)
```

Call:

```
lm(formula = y ~ x)
```

Residuals:

Min	1Q	Median	3Q	Max
-8.9258	-2.5383	0.3879	3.1867	6.6242

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	210.04846	2.86694	73.27	< 2e-16 ***
x	-0.79773	0.06996	-11.40	3.85e-08 ***

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 4.578 on 13 degrees of freedom

Multiple R-Squared: 0.9091, Adjusted R-squared: 0.9021

F-statistic: 130 on 1 and 13 DF, p-value: 3.848e-08

```
> xylm
```

Call:

```
lm(formula = y ~ x)
```

Coefficients:

	x
(Intercept)	210.0485
	-0.7977