

```
> library(sda123)
> lifespan_no_usa = lifespan[1:29,] # remove the outlier USA
> model = lm(lifespan ~ spending, data = lifespan_no_usa)
> summary(model)
```

Call:

```
lm(formula = lifespan ~ spending, data = lifespan_no_usa)
```

Residuals:

Min	1Q	Median	3Q	Max
-3.3108	-0.7016	-0.0507	1.1458	3.8860

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	74.1639	0.8782	84.45	< 2e-16 ***
spending	1.7629	0.2890	6.10	1.63e-06 ***

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

Residual standard error: 1.678 on 27 degrees of freedom
Multiple R-squared: 0.5795, Adjusted R-squared: 0.5639
F-statistic: 37.21 on 1 and 27 DF, p-value: 1.626e-06