

## Output do Excel para o exemplo do Capítulo 9

### Regression Statistics

Multiple R	0.99963082
R Square	0.99926178 → $R^2$
Adjusted R Square	0.99907722
Standard Error	0.00401454 → $\hat{\sigma}$
Observations	6 → $n$

### Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1	0.08726153	0.08726153	5414.42172	2.0441E-07 → não é importante
Residual	4	6.4466E-05	1.6117E-05		
Total	5	0.087326			

	Coefficients	Standard Error	t Statistic	P-value	Lower 95%	Upper 95%
Intercept (relativo a $\beta_0$ )	0.00367819	0.00234413	1.56910852	0.17741474	-0.0028302	0.01018654
x1 (relativo a $\beta_1$ )	0.05652642	0.0007682	73.5827542	8.7814E-09	0.05439355	0.0586593

↓	↓	↓	↓	↓
Estimativas pontuais $(\hat{\beta}_i)$	$s.e.(\hat{\beta}_i)$	$t_{0,i} = \frac{\hat{\beta}_i}{s.e.(\hat{\beta}_i)}$	$p$ -value relativo ao teste $H_0: \beta_i = 0$ versus $H_1: \beta_i \neq 0$	$I.C._{95\%}(\beta_i)$