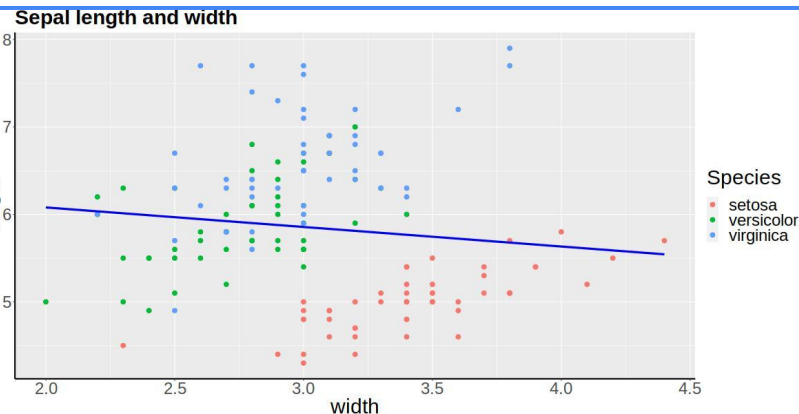
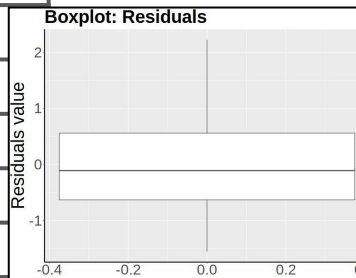
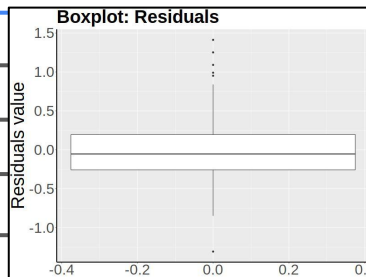


Variables confundidoras en dataset Iris

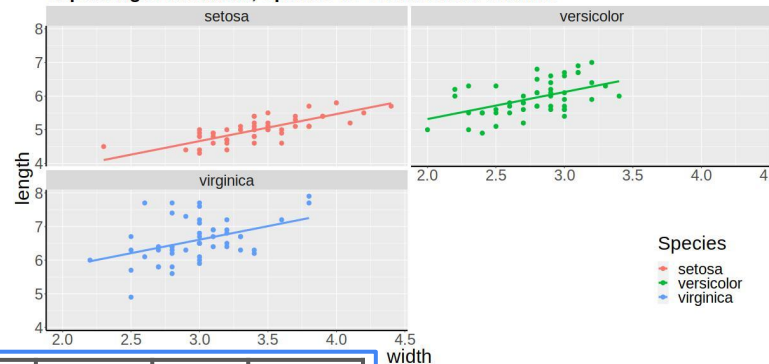
Modelo 1: Sepal.Length ~ Sepal.Width				
COEFICIENTES				
	Estimate	Std. Error	t value	Pr(> t)
Intercept	6.5262	0.4789	13.63	<2e-16 ***
Sepal.Width	-0.2234	0.1551	-1.44	0.152
EVALUACIÓN DEL AJUSTE				
Residual standard error: 0.8251		F-statistic: 2.074		
Multiple R-squared: 0.01382		Adjusted R-squared: 0.007159		p-value: 0.1519



Modelo 2: Sepal.Length ~ Sepal.Width + Species				
COEFICIENTES				
	Estimate	Std. Error	t value	Pr(> t)
Intercept	2.2514	0.3698	6.089	9.57e-09 ***
Sepal.Width	0.8036	0.1063	7.557	4.19e-12 ***
Species = versicolor	1.4587	0.1121	13.012	< 2e-16 ***
Species = virginica	1.9468	0.1000	19.465	< 2e-16 ***
EVALUACIÓN DEL AJUSTE				
Residual standard error: 0.438		F-statistic: 128.9		
Multiple R-squared: 0.7259		Adjusted R-squared: 0.7203		p-value: 2.2e-16



Sepal length and width, Species as counfounder variable



	Res. Df	RSS	Df	Sum of Sq	F	Pr(> t)
modelo 1	148	100.75610	NA	NA	NA	NA
modelo 2	146	28.00366	2	72.7524	189.6512	2.55787e-41

ANOVA