

# Simple Linear Regression of Oxygen Consumption and Performance

## The REG Procedure

Model: MODEL1

Dependent Variable: Oxygen\_Consumption

Number of Observations Read	31
Number of Observations Used	31

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	635.34150	635.34150	85.22	<.0001
Error	29	216.21305	7.45562		
Corrected Total	30	851.55455			

Root MSE	2.73050	R-Square	0.7461
Dependent Mean	47.37581	Adj R-Sq	0.7373
Coeff Var	5.76349		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	35.57526	1.36917	25.98	<.0001
Performance	1	1.47507	0.15979	9.23	<.0001

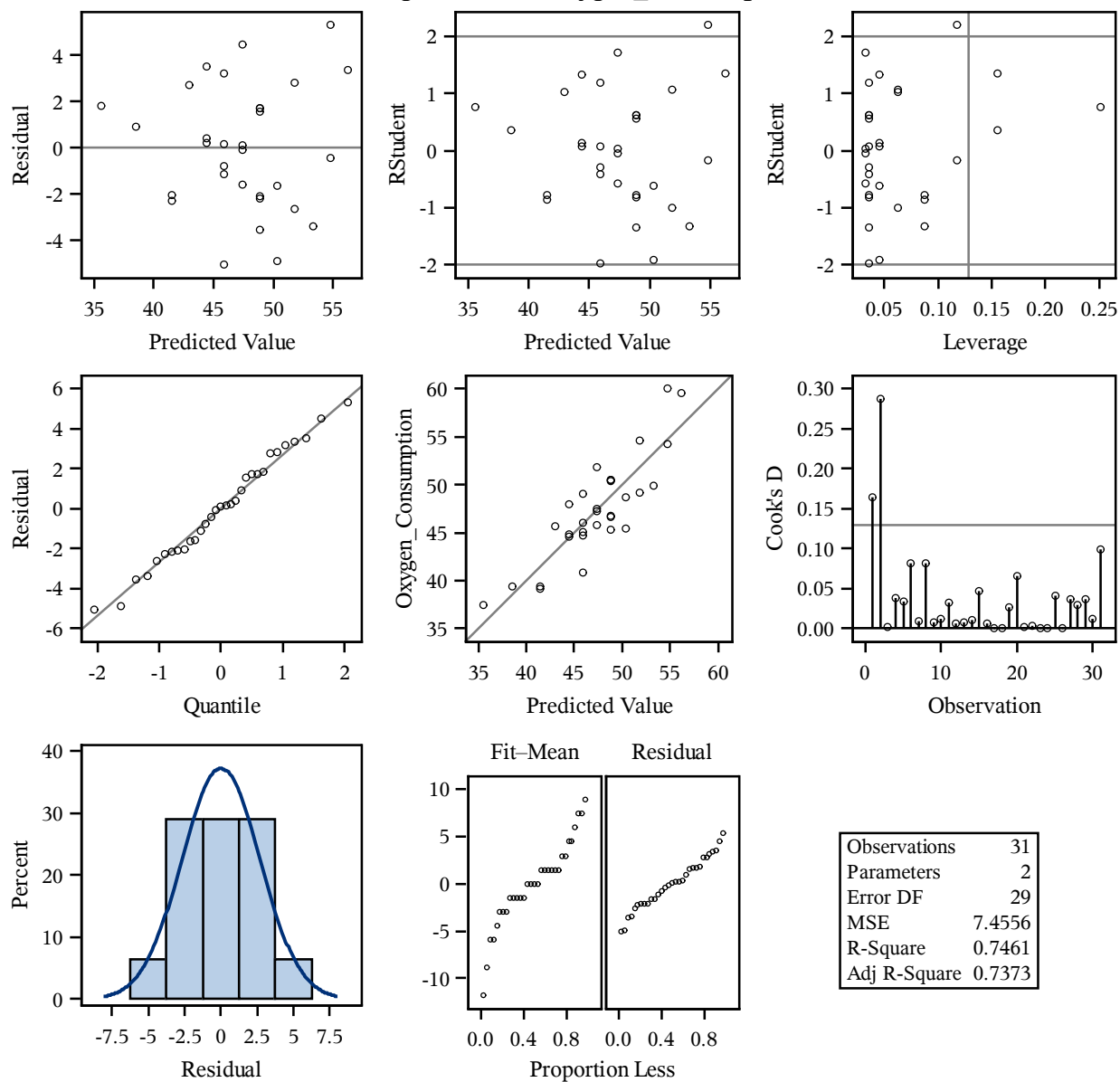
# Simple Linear Regression of Oxygen Consumption and Performance

## The REG Procedure

Model: MODEL1

Dependent Variable: Oxygen\_Consumption

### Fit Diagnostics for Oxygen\_Consumption

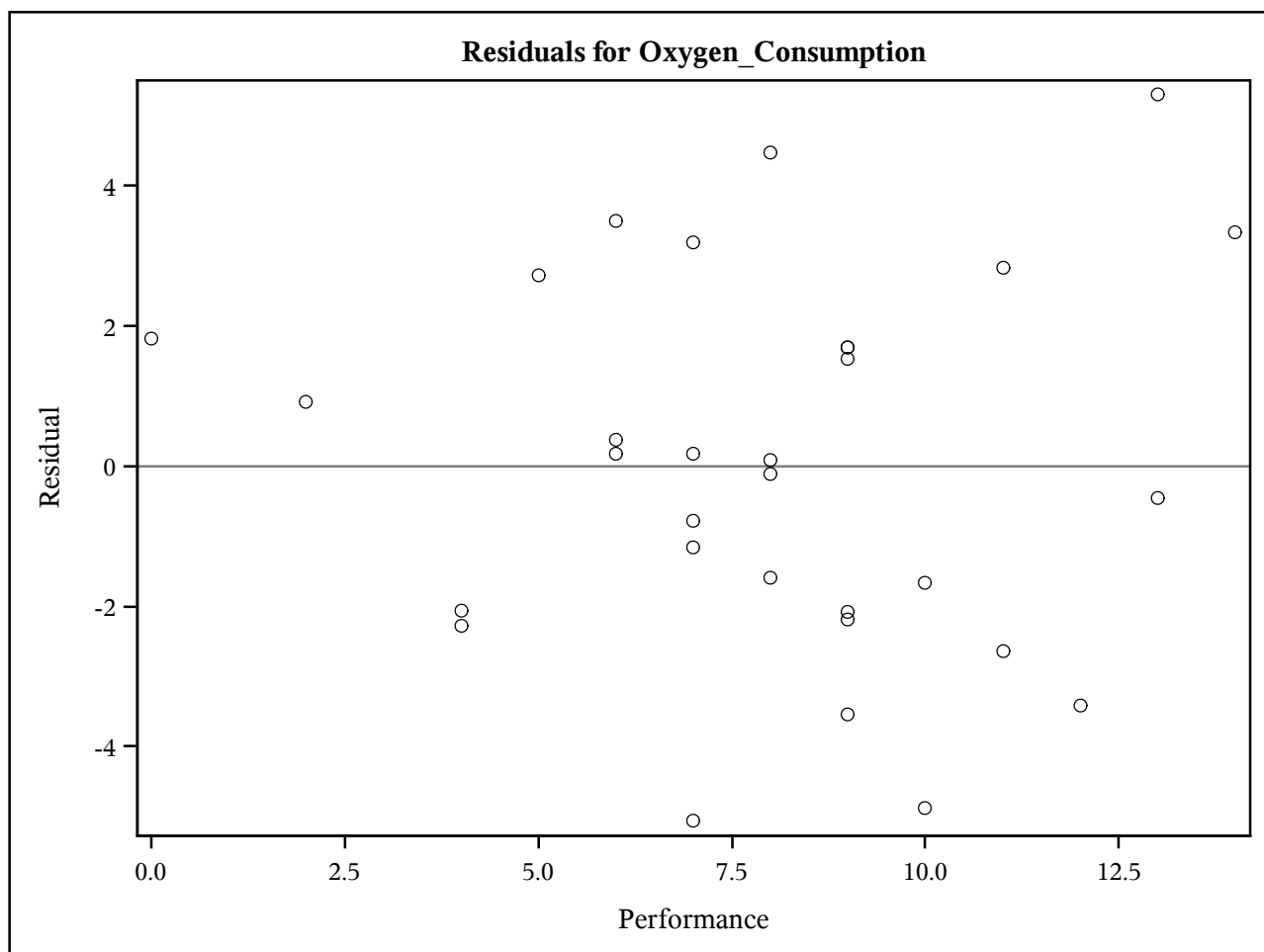


# ***Simple Linear Regression of Oxygen Consumption and Performance***

***The REG Procedure***

***Model: MODEL1***

***Dependent Variable: Oxygen\_Consumption***



# Simple Linear Regression of Oxygen Consumption and Performance

*The REG Procedure*

*Model: MODEL1*

*Dependent Variable: Oxygen\_Consumption*

