

**PREDICT Model - Plots of Diagnostic Statistics****The REG Procedure****Model: PREDICT****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	4	711.45087	177.86272	33.01	<.0001
Error	26	140.10368	5.38860		
Corrected Total	30	851.55455			

Root MSE	2.32134	R-Square	0.8355
Dependent Mean	47.37581	Adj R-Sq	0.8102
Coeff Var	4.89984		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	97.16952	11.65703	8.34	<.0001
Runtime	1	-2.77576	0.34159	-8.13	<.0001
Age	1	-0.18903	0.09439	-2.00	0.0557
Run_Pulse	1	-0.34568	0.11820	-2.92	0.0071
Maximum_Pulse	1	0.27188	0.13438	2.02	0.0534

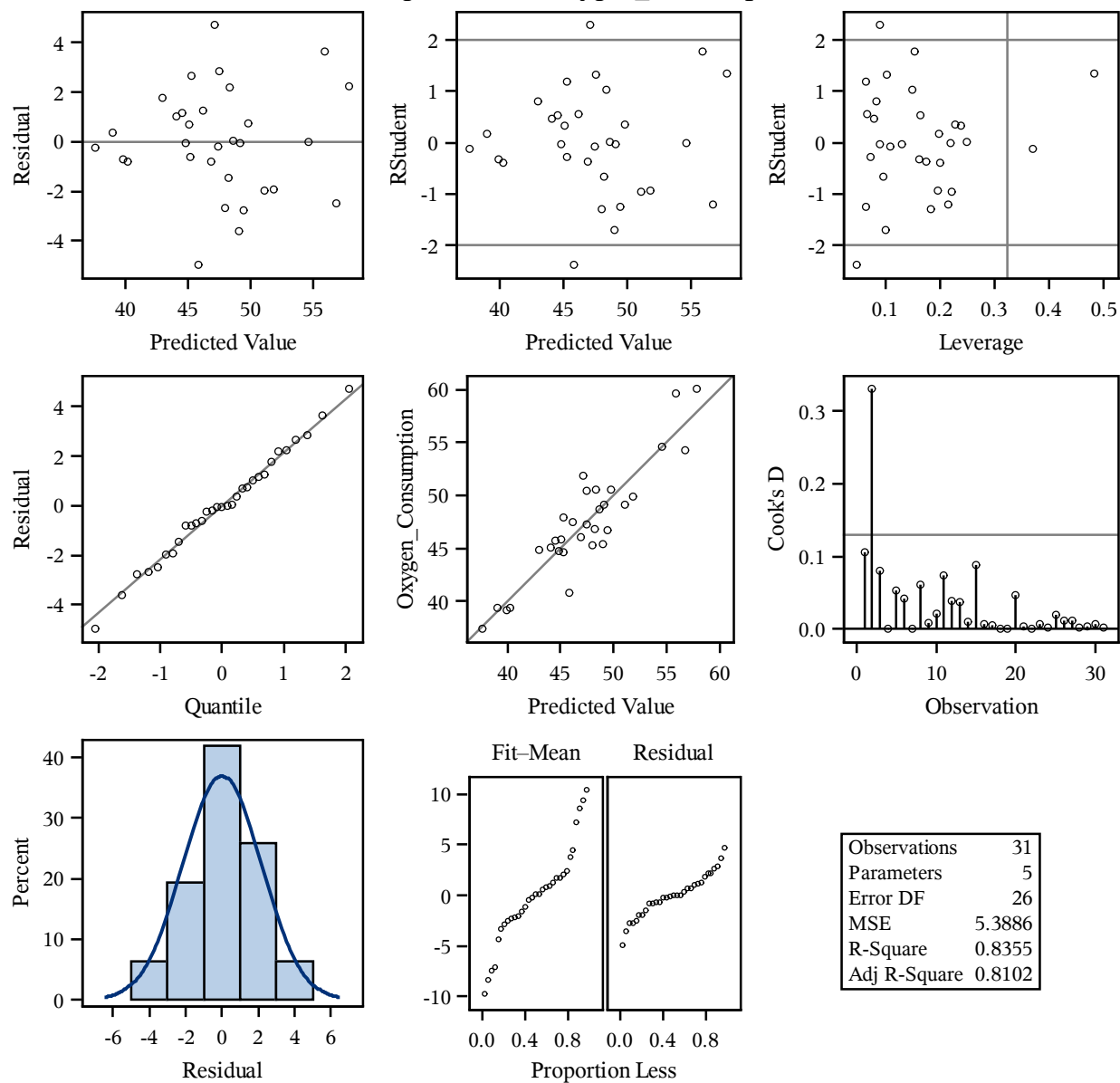
# **PREDICT Model - Plots of Diagnostic Statistics**

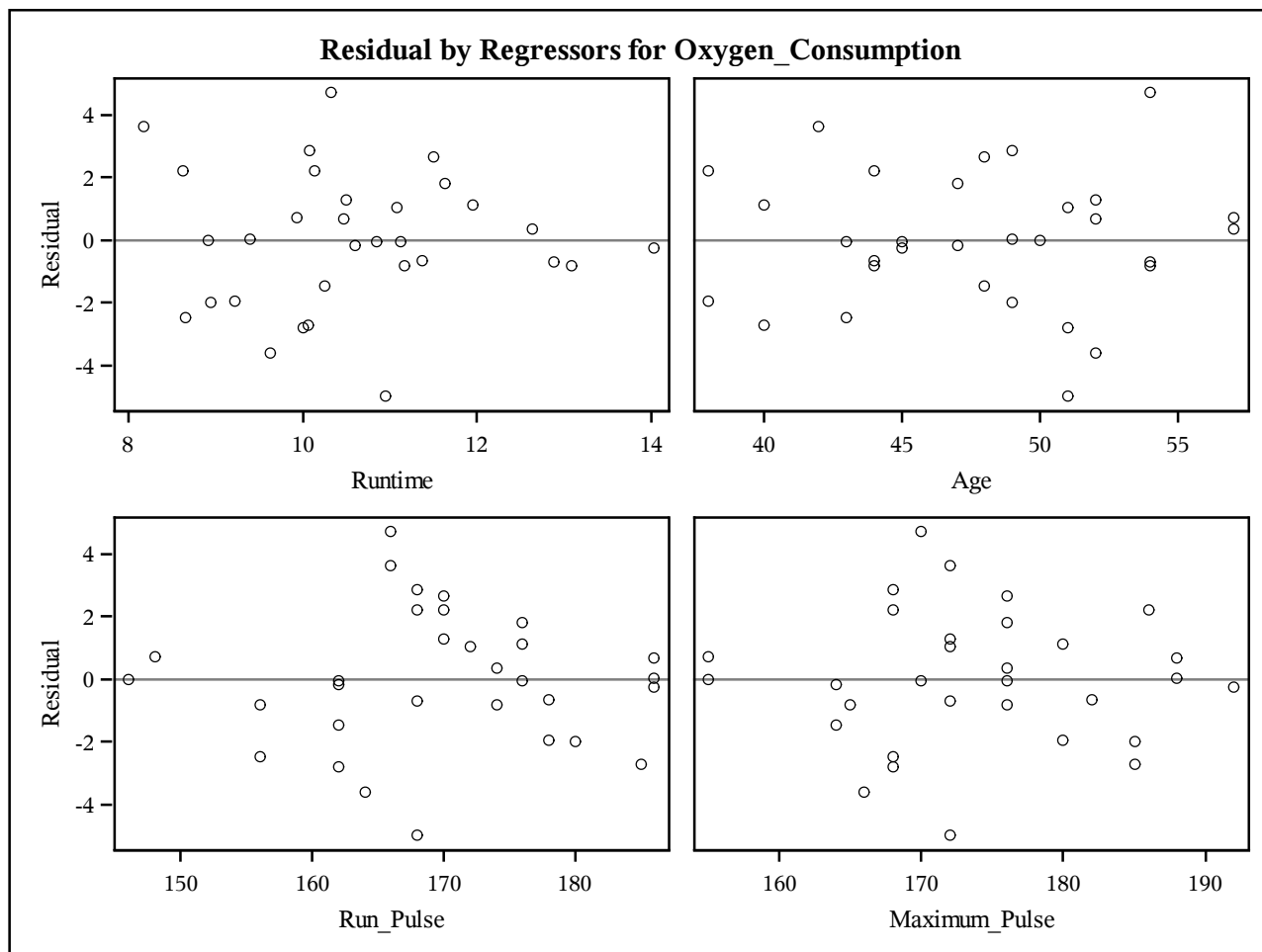
**The REG Procedure**

**Model: PREDICT**

**Dependent Variable: Oxygen\_Consumption**

## **Fit Diagnostics for Oxygen\_Consumption**

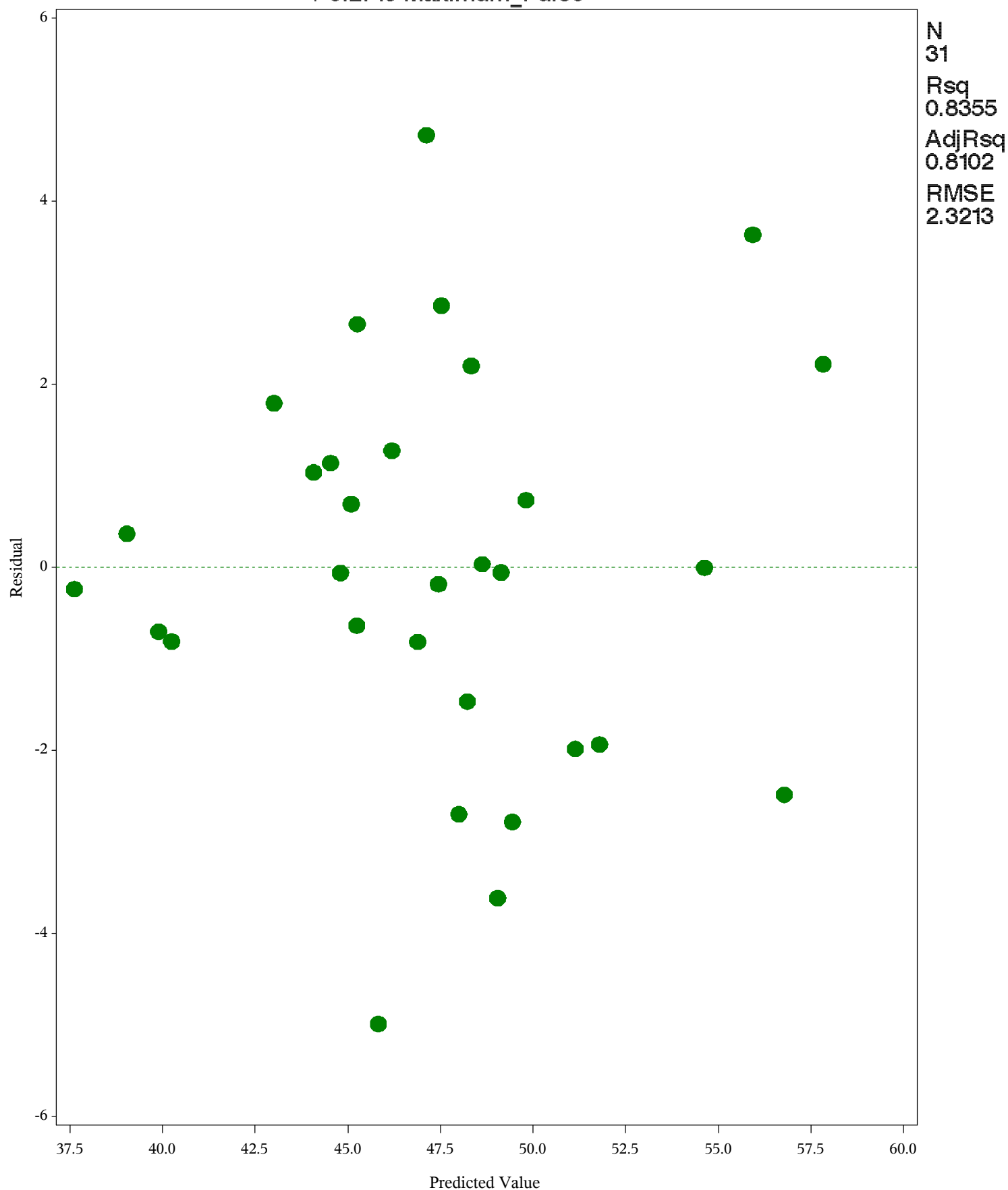


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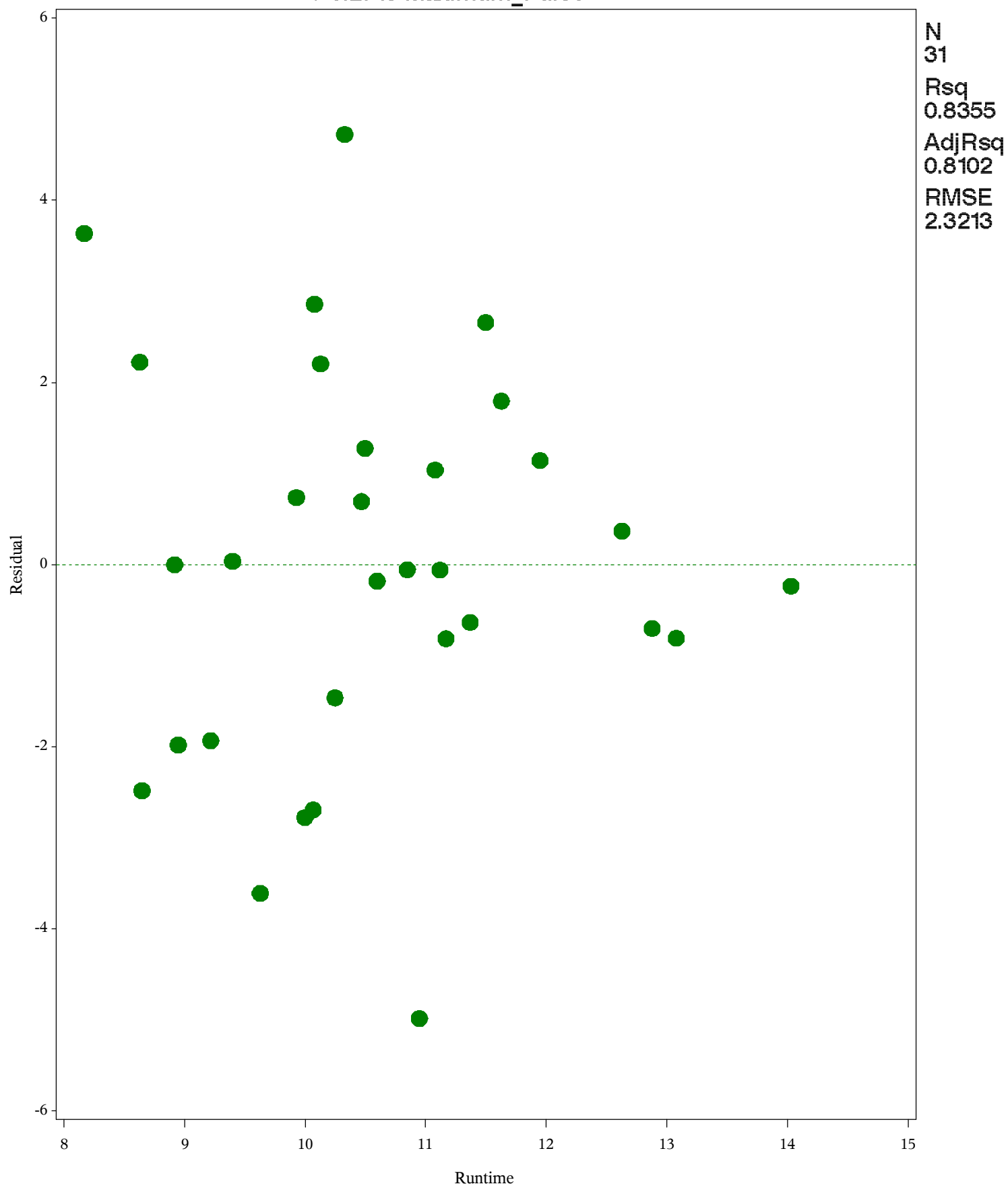
$$\text{Oxygen\_Consumption} = 97.17 - 2.7758 \text{ Runtime} - 0.189 \text{ Age} - 0.3457 \text{ Run\_Pulse} + 0.2719 \text{ Maximum\_Pulse}$$



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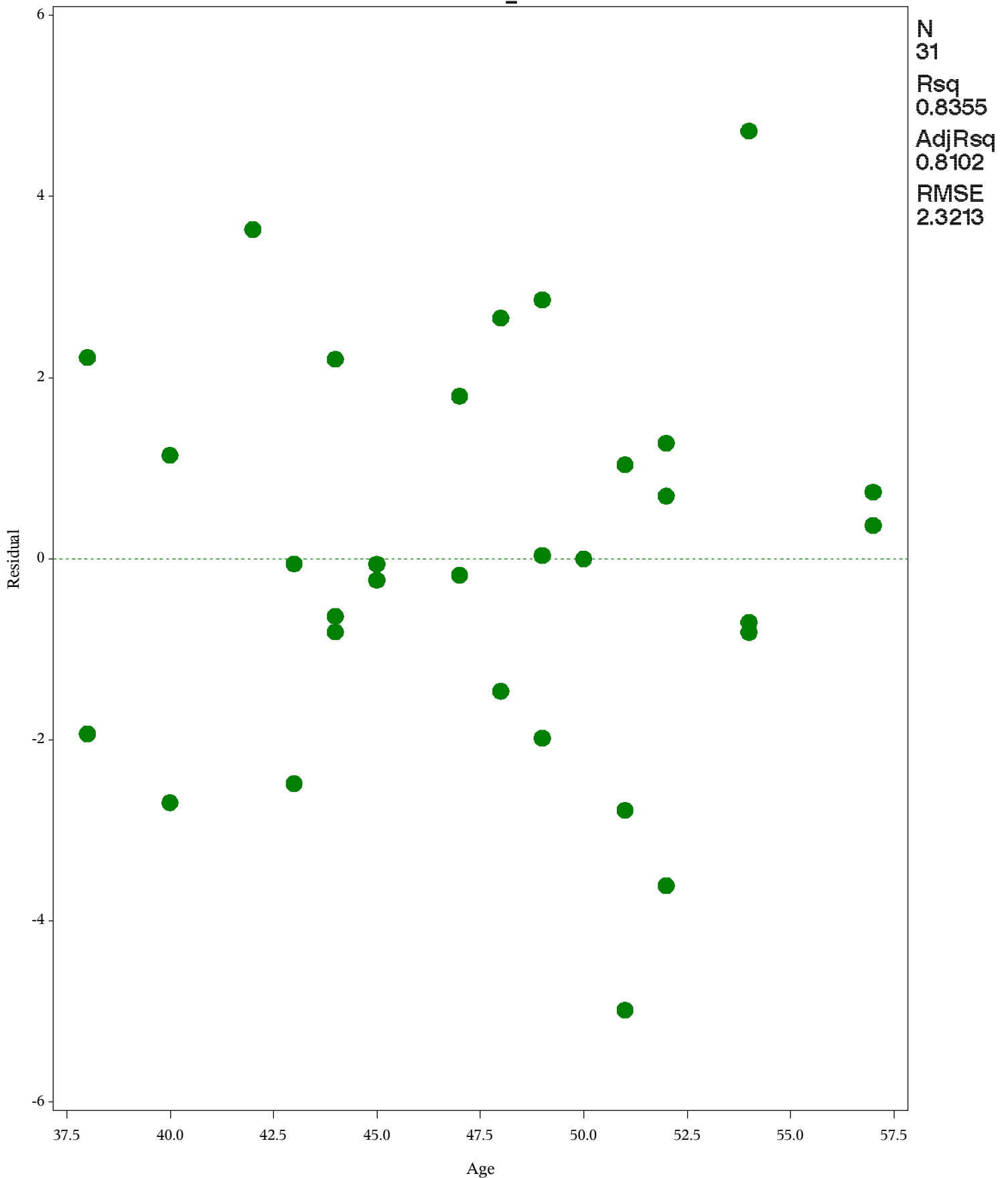
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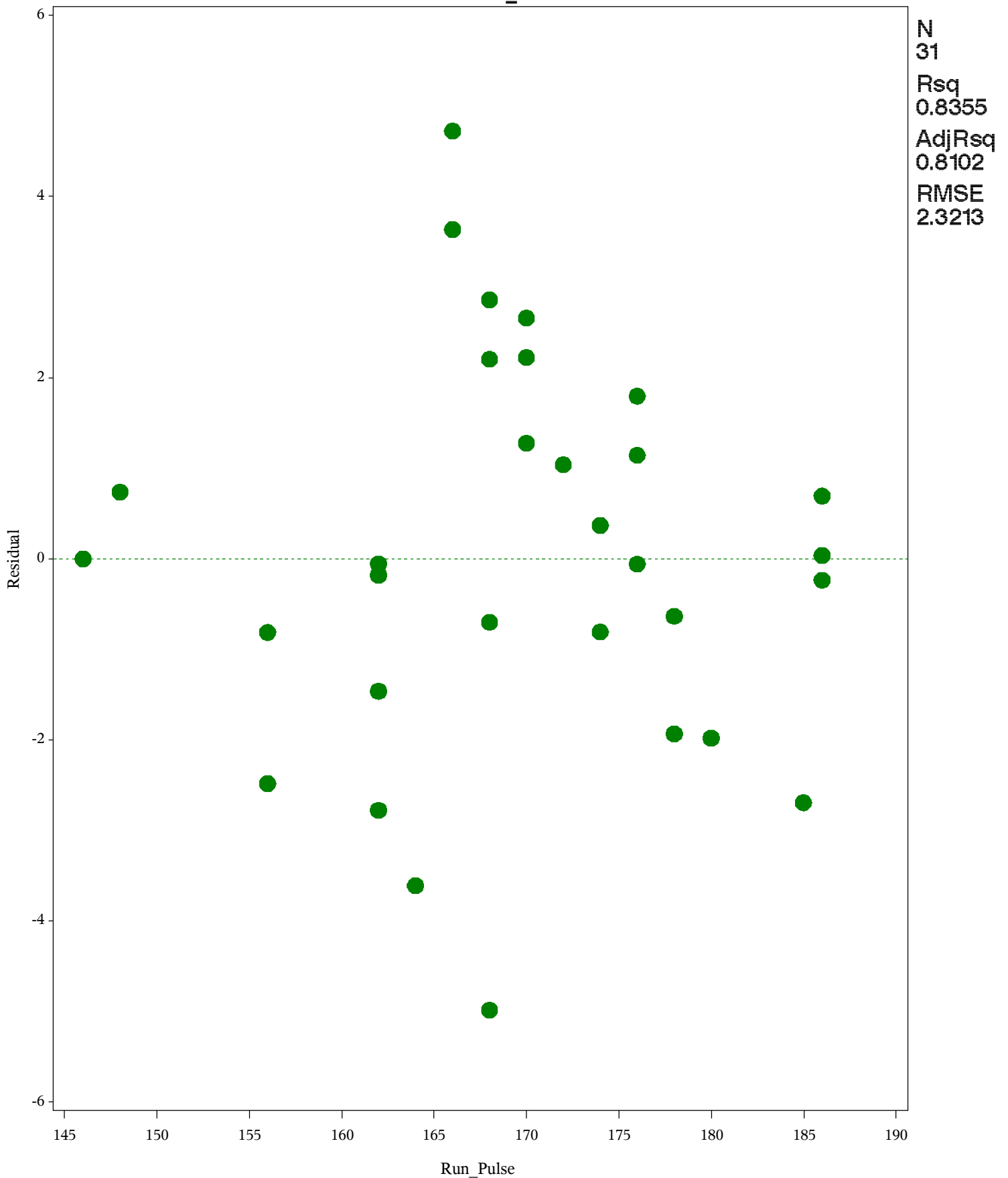
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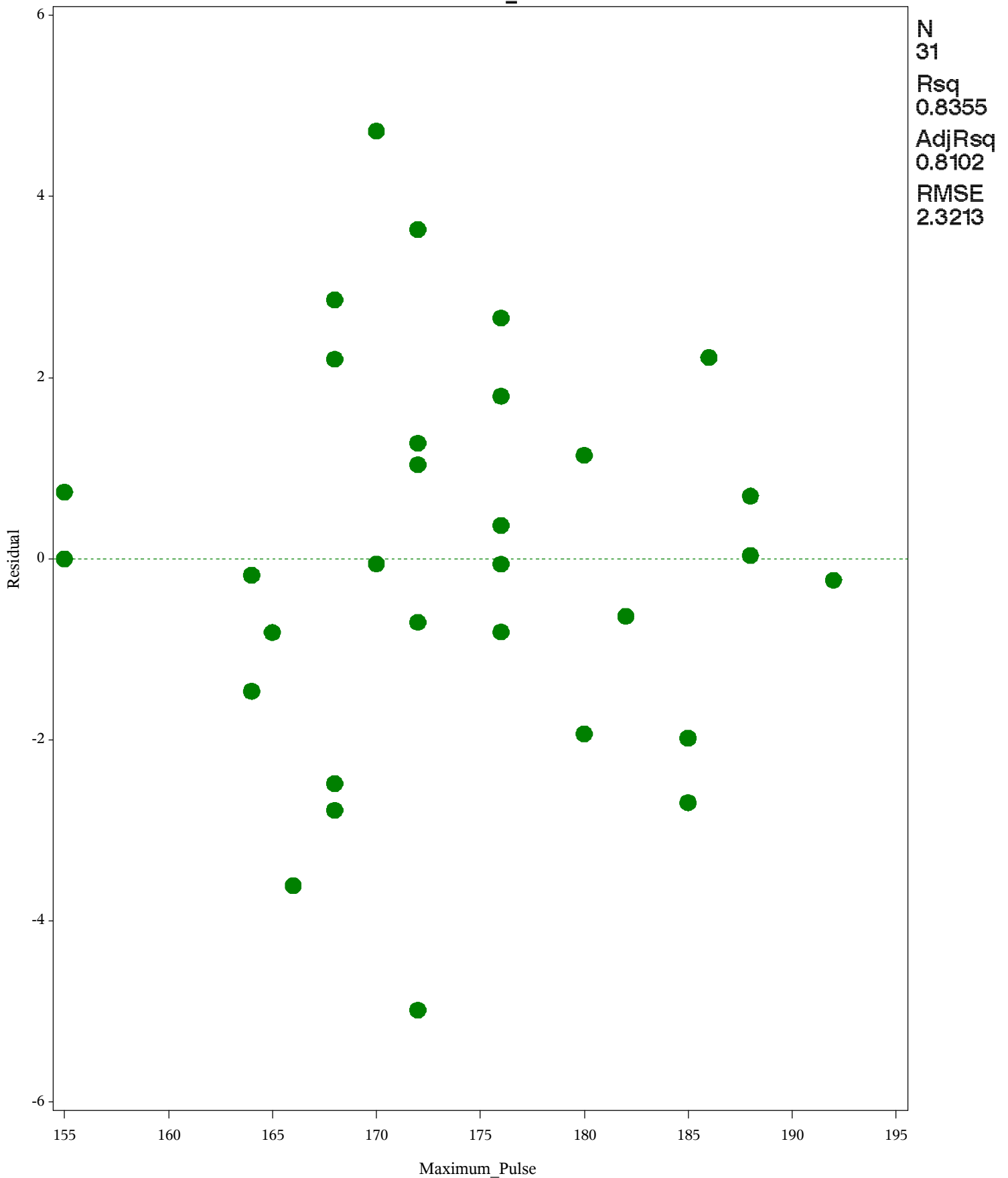
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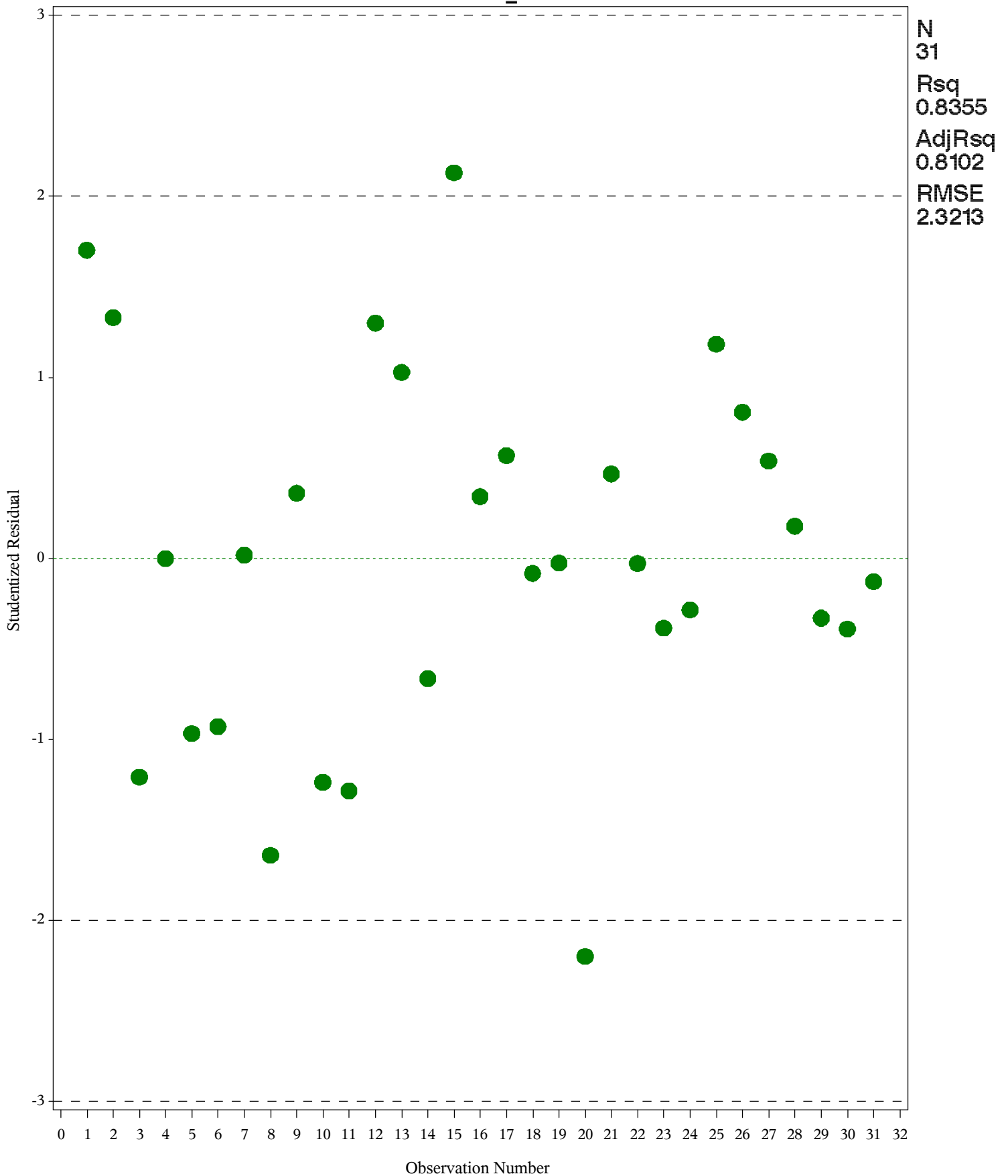




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