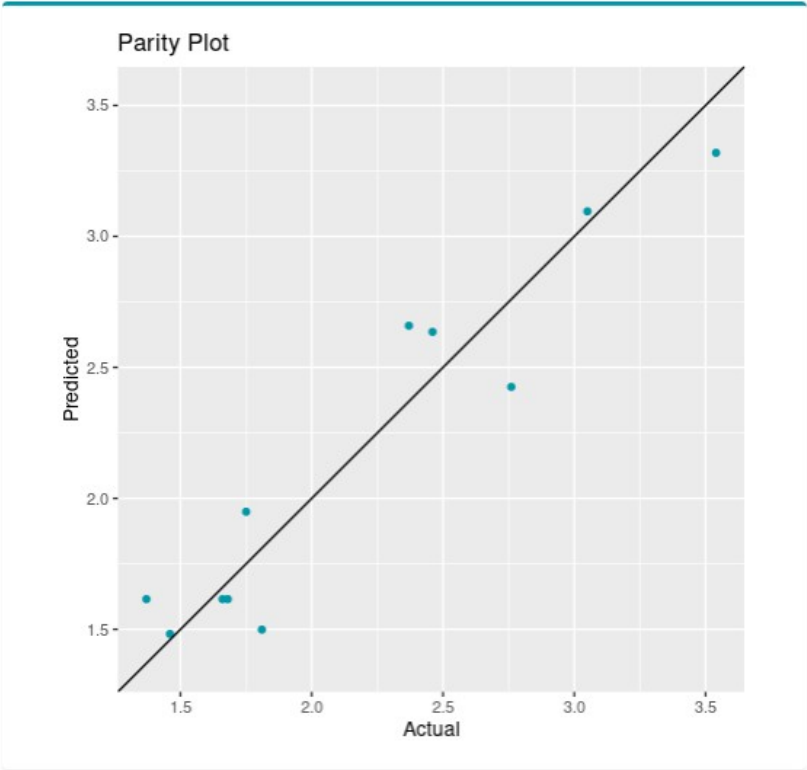


Predicted vs. Actual



Model Fit Metrics

R-Squared: 0.905

Adjusted R-Squared: 0.811

F-statistic: 9.56, degrees of freedom: 5, 5

p-value: 0.0135

Model Summary

| Factor | Degrees of Freedom | Sum of Squares | Mean Square | F-Statistic | P-Value |
|------------------------------------|--------------------|----------------|-------------|-------------|-------------|
| Reducing_Agent_Ratio | 1 | 0.3408 | 0.3408 | 3.548 | 0.1183 |
| Reaction_Time | 1 | 1.938 | 1.938 | 20.17 | 0.006451 ** |
| I(Reducing_Agent_Ratio^2) | 1 | 1.307 | 1.307 | 13.61 | 0.01416 * |
| I(Reaction_Time^2) | 1 | 0.5172 | 0.5172 | 5.384 | 0.06803 |
| Reducing_Agent_Ratio:Reaction_Time | 1 | 0.49 | 0.49 | 5.1 | 0.0735 |
| Residuals | 5 | 0.4804 | 0.09607 | NA | NA |

Estimates

| Factor | Estimate | Standard Error | t-Statistic | P-Value |
|------------------------------------|----------|----------------|-------------|-------------|
| Intercept | 1.615 | 0.159 | 10.16 | <0.001 *** |
| Reducing_Agent_Ratio | -0.2383 | 0.1265 | -1.883 | 0.1183 |
| Reaction_Time | -0.5683 | 0.1265 | -4.491 | 0.006451 ** |
| I(Reducing_Agent_Ratio^2) | 0.5718 | 0.1947 | 2.936 | 0.03239 * |
| I(Reaction_Time^2) | 0.4518 | 0.1947 | 2.32 | 0.06803 |
| Reducing_Agent_Ratio*Reaction_Time | -0.35 | 0.155 | -2.258 | 0.0735 |