\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Table 1.**

Model Performance Metrics

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | Multi-Variable Linear Regression Analysis | Multi-Layer Perceptron Regression Analysis |
|  |  |  |
| R-Squared | -0.45 | -0.02 |
|  |  |  |
| Mean Squared Error (MSE) | 3.77 | 3.90 |
|  |  |  |
| Root Mean Squared Error (RMSE) | 1.94 | 1.97 |
|  |  |  |
| Standard Deviations | 1.61 | 1.95 |
|  |  |  |
| N | 27 | 27 |