**Linear Regression for MG\_S**

| Model Fit Measures | | | | | |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| **Model** | | **R** | | **R²** | |
| 1 |  | 0.0270 |  | 7.31e-4 |  |
| 2 |  | 0.0593 |  | 0.00352 |  |
| 3 |  | 0.0652 |  | 0.00425 |  |
|  | | | | | |

| Model Comparisons | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparison** | | | | | |  | | | | | | | | | |
| **Model** | |  | | **Model** | | **ΔR²** | | **F** | | **df1** | | **df2** | | **p** | |
| 1 |  | - |  | 2 |  | 0.00279 |  | 0.705 |  | 1 |  | 252 |  | 0.402 |  |
| 2 |  | - |  | 3 |  | 7.31e-4 |  | 0.184 |  | 1 |  | 251 |  | 0.668 |  |
|  | | | | | | | | | | | | | | | |

**Model Specific Results**

| Model Coefficients - MG\_S | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |
| **Predictor** | | **Estimate** | | **SE** | | **t** | | **p** | |
| Intercept |  | -0.3166 |  | 0.6135 |  | -0.516 |  | 0.606 |  |
| Age |  | 0.0194 |  | 0.0451 |  | 0.430 |  | 0.667 |  |
|  | | | | | | | | | |

| Model Coefficients - MG\_S | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |
| **Predictor** | | **Estimate** | | **SE** | | **t** | | **p** | |
| Intercept |  | -5.0074 |  | 5.6200 |  | -0.891 |  | 0.374 |  |
| Age |  | 0.7189 |  | 0.8342 |  | 0.862 |  | 0.390 |  |
| Age\_2 |  | -0.0259 |  | 0.0308 |  | -0.840 |  | 0.402 |  |
|  | | | | | | | | | |

| Model Coefficients - MG\_S | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |
| **Predictor** | | **Estimate** | | **SE** | | **t** | | **p** | |
| Intercept |  | -24.84065 |  | 46.5340 |  | -0.534 |  | 0.594 |  |
| Age |  | 5.33398 |  | 10.7812 |  | 0.495 |  | 0.621 |  |
| Age\_2 |  | -0.38111 |  | 0.8279 |  | -0.460 |  | 0.646 |  |
| Age3 |  | 0.00904 |  | 0.0211 |  | 0.429 |  | 0.668 |  |
|  | | | | | | | | | |