**Model: MODEL1**
**Dependent Variable: Avg_Score**

| | |
|---|---|
| **Number of Observations Read** | 317 |
| **Number of Observations Used** | 275 |
| **Number of Observations with Missing Values** | 42 |

**Stepwise Selection: Step 1**

**Variable time2 Entered: R-Square = 0.3527 and C(p) = 17.3668**

| Analysis of Variance | | | | | |
|---|---|---|---|---|---|
| **Source** | **DF** | **Sum of Squares** | **Mean Square** | **F Value** | **Pr > F** |
| **Model** | 1 | 192.18235 | 192.18235 | 148.75 | <.0001 |
| **Error** | 273 | 352.70654 | 1.29197 | | |
| **Corrected Total** | 274 | 544.88889 | | | |

| **Variable** | **Parameter Estimate** | **Standard Error** | **Type II SS** | **F Value** | **Pr > F** |
|---|---|---|---|---|---|
| **Intercept** | 3.03421 | 0.25791 | 178.81440 | 138.40 | <.0001 |
| **time2** | 0.45871 | 0.03761 | 192.18235 | 148.75 | <.0001 |

**Bounds on condition number: 1, 1**

**Stepwise Selection: Step 2**

**Variable i_acces Entered: R-Square = 0.3832 and C(p) = 5.7784**

| Analysis of Variance | | | | | |
|---|---|---|---|---|---|
| **Source** | **DF** | **Sum of Squares** | **Mean Square** | **F Value** | **Pr > F** |
| **Model** | 2 | 208.80260 | 104.40130 | 84.49 | <.0001 |
| **Error** | 272 | 336.08629 | 1.23561 | | |
| **Corrected Total** | 274 | 544.88889 | | | |

| **Variable** | **Parameter Estimate** | **Standard Error** | **Type II SS** | **F Value** | **Pr > F** |
|---|---|---|---|---|---|
| **Intercept** | 3.60956 | 0.29703 | 182.46945 | 147.68 | <.0001 |
| **time2** | 0.46320 | 0.03680 | 195.75145 | 158.42 | <.0001 |
| **i_acces** | -0.70508 | 0.19225 | 16.62025 | 13.45 | 0.0003 |

**Bounds on condition number: 1.0011, 4.0044**

**Stepwise Selection: Step 3**

**Variable av_spec2 Entered: R-Square = 0.3982 and C(p) = 1.0831**

| Analysis of Variance | | | | | |
|---|---|---|---|---|---|
| **Source** | **DF** | **Sum of Squares** | **Mean Square** | **F Value** | **Pr > F** |
| **Model** | 3 | 216.99165 | 72.33055 | 59.78 | <.0001 |
| **Error** | 271 | 327.89724 | 1.20995 | | |
| **Corrected Total** | 274 | 544.88889 | | | |

| **Variable** | **Parameter Estimate** | **Standard Error** | **Type II SS** | **F Value** | **Pr > F** |
|---|---|---|---|---|---|
| **Intercept** | 3.03788 | 0.36699 | 82.90801 | 68.52 | <.0001 |

| Variable | Parameter Estimate | Standard Error | Type II SS | F Value | Pr > F |
|---|---|---|---|---|---|
| time2 | 0.41404 | 0.04103 | 123.22740 | 101.84 | <.0001 |
| av_spec2 | 0.12085 | 0.04645 | 8.18905 | 6.77 | 0.0098 |
| i_acces | -0.62446 | 0.19275 | 12.70004 | 10.50 | 0.0013 |

**Bounds on condition number: 1.2905, 10.766**

**All variables left in the model are significant at the 0.1500 level.**

**No other variable met the 0.1500 significance level for entry into the model.**

| | | | | Summary of Stepwise Selection | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Step | Variable Entered | Variable Removed | Label | Number Vars In | Partial R-Square | Model R-Square | C(p) | F Value | Pr > F |
| 1 | time2 | | time2 | 1 | 0.3527 | 0.3527 | 17.3668 | 148.75 | <.0001 |
| 2 | i_acces | | i_acces | 2 | 0.0305 | 0.3832 | 5.7784 | 13.45 | 0.0003 |
| 3 | av_spec2 | | av_spec2 | 3 | 0.0150 | 0.3982 | 1.0831 | 6.77 | 0.0098 |

**Model: MODEL1**
**Dependent Variable: Avg_Score**

Fit Diagnostics for Avg_Score

Residual by Regressors for Avg_Score