## The SAS System

## The CONTENTS Procedure

| Data Set Name       | SIMPLE.ECONSUME_SIM_FIT                     | Observations                | 8   |
|---------------------|---|-----------------------------|-----|
| Member Type         | DATA  | Variables                   | 58  |
| Engine              | V9  | Indexes                     | 0   |
| Created             | 07/26/2019 23:23:00                         | Observation Length          | 512 |
| Last Modified       | 07/26/2019 23:23:00                         | <b>Deleted Observations</b> | 0   |
| Protection          |   | Compressed                  | NO  |
| Data Set Type       |   | Sorted                      | NO  |
| Label               | Statistics of fit for WORK.PREPROCESSEDDATA |                             |     |
| Data Representation | WINDOWS_64                                  |                             |     |
| Encoding            | wlatin1 Western (Windows)                   |                             |     |

| Engine/Host Dependent Information |   |  |  |  |
|-----------------------------------|---|--|--|--|
| Data Set Page Size                | 65536   |  |  |  |
| Number of Data Set Pages          | 1   |  |  |  |
| First Data Page                   | 1   |  |  |  |
| Max Obs per Page                  | 127   |  |  |  |
| Obs in First Data Page            | 8   |  |  |  |
| Number of Data Set Repairs        | 0   |  |  |  |
| ExtendObsCounter                  | YES   |  |  |  |
| Filename                          | D:\Github\ML_SAS\econsume\simple (single)\econsume_sim_fit.sas7bdat |  |  |  |
| Release Created                   | 9.0401M2  |  |  |  |
| Host Created                      | X64_8PRO  |  |  |  |

|    | Alphabetic List of Variables and Attributes |      |     |        |          |   |
|----|---|------|-----|--------|----------|---|
| #  | Variable                                    | Туре | Len | Format | Informat | Label   |
| 21 | AADJRSQ                                     | Num  | 8   |        |          | Amemiya's Adjusted R-Square                                 |
| 20 | ADJRSQ                                      | Num  | 8   |        |          | Adjusted R-Square   |
| 23 | AIC   | Num  | 8   |        |          | Akaike Information Criterion                                |
| 24 | AICC  | Num  | 8   |        |          | Finite Sample Corrected Akaike Information Criterion        |
| 26 | APC   | Num  | 8   |        |          | Amemiya's Prediction Criterion                              |
| 4  | DFE   | Num  | 8   |        |          | Degrees of Freedom Error                                    |
| 34 | GMAPE                                       | Num  | 8   |        |          | Geometric Mean Absolute Percent Error                       |
| 58 | GMAPES                                      | Num  | 8   |        |          | Geometric Mean Absolute Error Percent of Standard Deviation |
| 40 | GMAPPE                                      | Num  | 8   |        |          | Geometric Mean Absolute Predicted Percent Error             |
| 46 | GMASPE                                      | Num  | 8   |        |          | Geometric Mean Absolute Symmetric Percent Error             |

| 52 | GMRAE   | Num | 8 | Geometric Mean Relative Absolute Error               |
|----|---------|-----|---|--|
| 18 | MAE     | Num | 8 | Mean Absolute Error                                  |
| 17 | MAPE    | Num | 8 | Mean Absolute Percent Error                          |
| 56 | MAPES   | Num | 8 | Mean Absolute Error Percent of Standard Deviation    |
| 38 | MAPPE   | Num | 8 | Mean Absolute Predicted Percent Error                |
| 53 | MASE    | Num | 8 | Mean Absolute Scaled Error                           |
| 55 | MAXAPES | Num | 8 | Maximum Absolute Error Percent of Standard Deviation |
| 27 | MAXERR  | Num | 8 | Maximum Error  |
| 29 | MAXPE   | Num | 8 | Maximum Percent Error                                |
| 36 | MAXPPE  | Num | 8 | Maximum Predicted Percent Error                      |
| 48 | MAXRE   | Num | 8 | Maximum Relative Error                               |
| 42 | MAXSPE  | Num | 8 | Maximum Symmetric Percent Error                      |
| 33 | MDAPE   | Num | 8 | Median Absolute Percent Error                        |
| 57 | MDAPES  | Num | 8 | Median Absolute Error Percent of Standard Deviation  |
| 39 | MDAPPE  | Num | 8 | Median Absolute Predicted Percent Error              |
| 45 | MDASPE  | Num | 8 | Median Absolute Symmetric Percent Error              |
| 51 | MDRAE   | Num | 8 | Median Relative Absolute Error                       |
| 31 | ME      | Num | 8 | Mean Error   |
| 54 | MINAPES | Num | 8 | Minimum Absolute Error Percent of Standard Deviation |
| 28 | MINERR  | Num | 8 | Minimum Error  |
| 30 | MINPE   | Num | 8 | Minimum Percent Error                                |
| 35 | MINPPE  | Num | 8 | Minimum Predicted Percent Error                      |
| 47 | MINRE   | Num | 8 | Minimum Relative Error                               |
| 41 | MINSPE  | Num | 8 | Minimum Symmetric Percent Error                      |
| 32 | MPE     | Num | 8 | Mean Percent Error                                   |
| 37 | MPPE    | Num | 8 | Mean Predicted Percent Error                         |
| 50 | MRAE    | Num | 8 | Mean Relative Absolute Error                         |
| 49 | MRE     | Num | 8 | Mean Relative Error                                  |
| 13 | MSE     | Num | 8 | Mean Square Error                                    |
| 43 | MSPE    | Num | 8 | Mean Symmetric Percent Error                         |
| 5  | N       | Num | 8 | Number of Observations Used                          |
| 7  | NMISSA  | Num | 8 | Number of Missing Actuals                            |
| 8  | NMISSP  | Num | 8 | Number of Missing Predicted Values                   |
| 6  | NOBS    | Num | 8 | Number of Observations                               |
| 9  | NPARMS  | Num | 8 | Number of Model Parameters                           |
| 14 | RMSE    | Num | 8 | Root Mean Square Error                               |
| 19 | RSQUARE | Num | 8 | R-Square   |

## Fít Statístics

|    | RWRSQ    | Num  | 8  |      |      | Random Walk R-Square                   |
|----|----------|------|----|------|------|--|
| 25 | SBC      | Num  | 8  |      |      | Schwarz Bayesian Information Criterion |
| 44 | SMAPE    | Num  | 8  |      |      | Mean Absolute Symmetric Percent Error  |
| 12 | SSE      | Num  | 8  |      |      | Sum of Square Error                    |
| 11 | SST      | Num  | 8  |      |      | Corrected Total Sum of Squares         |
| 10 | TSS      | Num  | 8  |      |      | Total Sum of Squares                   |
| 15 | UMSE     | Num  | 8  |      |      | Unbiased Mean Square Error             |
| 16 | URMSE    | Num  | 8  |      |      | Unbiased Root Mean Square Error        |
| 2  | _NAME_   | Char | 32 |      |      | Variable Name                          |
| 3  | _REGION_ | Char | 32 |      |      | Region                                 |
| 1  | country  | Char | 6  | \$6. | \$6. |  |