

Program Summary - Linear Regression

Execution Environment

Author: u62457609
File:
SAS Platform: Linux LIN X64 3.10.0-1062.12.1.el7.x86_64
SAS Host: ODAWS02-USW2-2.ODA.SAS.COM
SAS Version: 9.04.01M7P08062020
SAS Locale: en_US
Submission Time: 3/10/2024, 12:40:12 AM
Browser Host: C-174-63-42-246.HSD1.CO.COMCAST.NET
User Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/122.0.0.0 Safari/537.36
Application Server: ODAMID00-USW2-2.ODA.SAS.COM

Code: Linear Regression

```
/*
 *
 * Task code generated by SAS Studio 3.8
 *
 * Generated on '3/10/24, 12:40 AM'
 * Generated by 'u62457609'
 * Generated on server 'ODAWS02-USW2-2.ODA.SAS.COM'
 * Generated on SAS platform 'Linux LIN X64 3.10.0-1062.12.1.el7.x86_64'
 * Generated on SAS version '9.04.01M7P08062020'
 * Generated on browser 'Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chr
 * Generated on web client 'https://odamid-usw2-2.oda.sas.com/SASStudio/main?locale=en_US&zone=GMT-07%253A00&ticket
 */

ods noproctitle;
ods graphics / imagemap=on;

proc reg data=WORK.HOCKEY alpha=0.05 plots(only)=(diagnostics residuals fitplot
observedbypredicted);
  model 'Sv%n='Rest Days'n /;
run;
quit;
```

Log: Linear Regression

Notes (6)

```
1      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
NOTE: ODS statements in the SAS Studio environment may disable some output features.
69
70      /*
71      *
72      * Task code generated by SAS Studio 3.8
73      *
74      * Generated on '3/10/24, 12:40 AM'
75      * Generated by 'u62457609'
76      * Generated on server 'ODAWS02-USW2-2.ODA.SAS.COM'
77      * Generated on SAS platform 'Linux LIN X64 3.10.0-1062.12.1.el7.x86_64'
78      * Generated on SAS version '9.04.01M7P08062020'
79      * Generated on browser 'Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko)
79      ! Chrome/122.0.0.0 Safari/537.36'
80      * Generated on web client
80      ! 'https://odamid-usw2-2.oda.sas.com/SASStudio/main?locale=en_US&zone=GMT-07%253A00&ticket=ST-76646-mZCGkzf2jneKtECkw96q-
80      ! s'
81      *
82      */
83
84      ods noproctitle;
85      ods graphics / imagemap=on;
86
87      proc reg data=WORK.HOCKEY alpha=0.05 plots(only)=(diagnostics residuals fitplot
88      observedbypredicted);
89      model 'Sv%n='Rest Days'n /;
90      run;
```

NOTE: HTML data tips have been disabled for at least one plot because the threshold has been reached. You can set TIPMAX=1900 in the ODS GRAPHICS statement to produce data tips for all plots.

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```
91      quit;

NOTE: PROCEDURE REG used (Total process time):
      real time      3.09 seconds
      user cpu time  0.26 seconds
      system cpu time 0.06 seconds
      memory         20033.78k
      OS Memory      42988.00k
      Timestamp      03/10/2024 07:40:12 AM
      Step Count     47  Switch Count  30
      Page Faults    0
      Page Reclaims  17119
      Page Swaps     0
      Voluntary Context Switches 1446
      Involuntary Context Switches 0
      Block Input Operations 0
      Block Output Operations 4136
```

```
92
93      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
103
```

Results: Linear Regression

Model: MODEL1
Dependent Variable: Sv%

Number of Observations Read	1848
Number of Observations Used	1847
Number of Observations with Missing Values	1

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	0.01848	0.01848	2.76	0.0969
Error	1845	12.35745	0.00670		
Corrected Total	1846	12.37593			

Root MSE	0.08184	R-Square	0.0015
Dependent Mean	0.89406	Adj R-Sq	0.0010
Coeff Var	9.15377		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	0.88769	0.00428	207.27	<.0001
Rest Days	1	0.00247	0.00149	1.66	0.0969





