

The CONTENTS Procedure

Data Set Name	WORK.IMPORT	Observations	303
Member Type	DATA	Variables	12
Engine	V9	Indexes	0
Created	25.01.2022 12:13:18	Observation Length	96
Last Modified	25.01.2022 12:13:18	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	1363
Obs in First Data Page	303
Number of Data Set Repairs	0
Filename	/saswork/SAS_work593000003145_odaws01-euw1.oda.sas.com/SAS_workF94C00003145_odaws01-euw1.oda.sas.com/import.sas7bdat
Release Created	9.0401M6
Host Created	Linux
Inode Number	536878558
Access Permission	rw-r--r--
Owner Name	u59853170
File Size	256KB
File Size (bytes)	262144

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
8	ac_kbsnc120	Num	8	BEST.	ac_kbsnc120
2	cinsiyet	Num	8	BEST.	cinsiyet
3	drgn_kbsnc	Num	8	BEST.	drgn_kbsnc
10	exang	Num	8	BEST.	exang
7	kagt	Num	8	BEST.	kagt
4	klstrl	Num	8	BEST.	klstrl
5	mx_klp_ats	Num	8	BEST.	mx_klp_ats
6	oldpeak	Num	8	BEST.	oldpeak
9	restecg	Num	8	BEST.	restecg
11	slope	Num	8	BEST.	slope
12	target	Num	8	BEST.	target
1	yas	Num	8	BEST.	yas

The LOGISTIC Procedure

Model Information		
Data Set	WORK.IMPORT	
Response Variable	target	target
Number of Response Levels	2	
Model	binary logit	

Model Information		
Optimization Technique	Fisher's scoring	

Number of Observations Read	303
Number of Observations Used	303

Response Profile		
Ordered Value	target	Total Frequency
1	0	138
2	1	165

Probability modeled is target='1'.

#### Forward Selection Procedure

Step 0. Intercept entered:

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

-2 Log L	=	417.638
----------	---	---------

Residual Chi-Square Test		
Chi-Square	DF	Pr > ChiSq
74.1898	5	<.0001

Step 1. Effect mx\_klp\_ats entered:

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	419.638	363.257
SC	423.352	370.684
-2 Log L	417.638	359.257

R-Square	0.1753	Max-rescaled R-Square	0.2343
----------	--------	-----------------------	--------

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	58.3811	1	<.0001
Score	53.8932	1	<.0001
Wald	45.2802	1	<.0001

Residual Chi-Square Test		
Chi-Square	DF	Pr > ChiSq
23.1752	4	0.0001

Step 2. Effect oldpeak entered:

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	419.638	345.623
SC	423.352	356.764
-2 Log L	417.638	339.623

R-Square	0.2270	Max-rescaled R-Square	0.3035
----------	--------	-----------------------	--------

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	78.0152	2	<.0001
Score	70.4394	2	<.0001
Wald	56.1332	2	<.0001

Residual Chi-Square Test		
Chi-Square	DF	Pr > ChiSq
5.0588	3	0.1675

**Note:** No (additional) effects met the 0.05 significance level for entry into the model.

Summary of Forward Selection						
Step	Effect Entered	DF	Number In	Score Chi-Square	Pr > ChiSq	Variable Label
1	mx_klp_ats	1	1	53.8932	<.0001	mx_klp_ats
2	oldpeak	1	2	18.6165	<.0001	oldpeak

Analysis of Maximum Likelihood Estimates						
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq	Exp(Est)
Intercept	1	-5.0484	1.0145	24.7644	<.0001	0.006
mx_klp_ats	1	0.0382	0.00660	33.5233	<.0001	1.039
oldpeak	1	-0.0574	0.0139	17.1069	<.0001	0.944

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
mx_klp_ats	1.039	1.026	1.052
oldpeak	0.944	0.919	0.970

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	77.5	Somers' D	0.552
Percent Discordant	22.3	Gamma	0.553
Percent Tied	0.1	Tau-a	0.275
Pairs	22770	c	0.776

Partition for the Hosmer and Lemeshow Test					
Group	Total	target = 1		target = 0	
		Observed	Expected	Observed	Expected
1	30	2	3.19	28	26.81
2	30	8	6.66	22	23.34
3	30	12	10.43	18	19.57
4	31	10	14.47	21	16.53
5	31	23	17.10	8	13.90
6	31	20	19.55	11	11.45
7	30	17	20.99	13	9.01

Partition for the Hosmer and Lemeshow Test					
Group	Total	target = 1		target = 0	
		Observed	Expected	Observed	Expected
8	30	21	22.63	9	7.37
9	29	25	23.28	4	5.72
10	31	27	26.71	4	4.29

Hosmer and Lemeshow Goodness-of-Fit Test		
Chi-Square	DF	Pr > ChiSq
12.0288	8	0.1499

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of target by pred			
	target(target)	pred		
		0	1	Total
0	0	85	53	138
		28.05	17.49	45.54
		61.59	38.41	
		74.56	28.04	
1	1	29	136	165
		9.57	44.88	54.46
		17.58	82.42	
		25.44	71.96	
Total	Total	114	189	303
		37.62	62.38	100.00