The CONTENTS Procedure

Data Set Name	WORK.IMPORT1	**Observations**	303
Member Type	DATA	**Variables**	16
Engine	V9	**Indexes**	0
Created	25.01.2022 12:07:57	**Observation Length**	128
Last Modified	25.01.2022 12:07:57	**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	1022
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/import1.sas7bdat
Release Created	9.0401M6
Host Created	Linux
Inode Number	536875810
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
15	Dis_1	Num	8	DIS_1A.	Predicted Group for Analysis 1
16	Dis_2	Num	8	DIS_2A.	Predicted Group for Analysis 1
13	FAC1_1	Num	8	F11.5	REGR factor score 1 for analysis 1
14	FAC2_1	Num	8	F11.5	REGR factor score 2 for analysis 1
8	ac_kbsnc120	Num	8	AC_KBSNA.	ac_kbsnc120
2	cinsiyet	Num	8	CINSIYEA.	cinsiyet
3	drgn_kbsnc	Num	8	F12.	drgn_kbsnc
10	exang	Num	8	EXANGA.	exang
7	kagt	Num	8	KAGTA.	kagt
4	klstrl	Num	8	F12.	klstrl
5	mx_klp_ats	Num	8	F12.	mx_klp_ats
6	oldpeak	Num	8	F12.	oldpeak
9	restecg	Num	8	RESTECGA.	restecg
11	slope	Num	8	SLOPEA.	slope
12	target	Num	8	TARGETA.	target
1	yas	Num	8	F12.	yas

The FREQ Procedure

target				
target	**Frequency**	**Percent**	**Cumulative Frequency**	**Cumulative Percent**
sağlıklı	138	45.54	138	45.54
hasta	165	54.46	303	100.00

The CORR Procedure

2 Variables:	FAC1_1 FAC2_1

Simple Statistics

Variable	N	Mean	Std Dev	Median	Minimum	Maximum	Label
FAC1_1	303	0	1.00000	0.09100	-3.66699	1.45980	REGR factor score 1 for analysis 1
FAC2_1	303	0	1.00000	0.05907	-1.96607	2.04155	REGR factor score 2 for analysis 1

Spearman Correlation Coefficients, N = 303
Prob > |r| under H0: Rho=0

	FAC1_1	FAC2_1
FAC1_1 **REGR factor score 1 for analysis 1**	1.00000	0.00184 0.9746
FAC2_1 **REGR factor score 2 for analysis 1**	0.00184 0.9746	1.00000

The DISCRIM Procedure

Total Sample Size	303	**DF Total**	302
Variables	2	**DF Within Classes**	301
Classes	2	**DF Between Classes**	1

Number of Observations Read	303
Number of Observations Used	303

Class Level Information

target	Variable Name	Frequency	Weight	Proportion	Prior Probability
hasta	hasta	165	165.0000	0.544554	0.544554
sağlıklı	sağlıklı	138	138.0000	0.455446	0.455446

The DISCRIM Procedure
Simple Statistics

Total-Sample

Variable	Label	N	Sum	Mean	Variance	Standard Deviation
FAC1_1	REGR factor score 1 for analysis 1	303	0	0	1.00000	1.0000
FAC2_1	REGR factor score 2 for analysis 1	303	0	0	1.00000	1.0000

target = hasta

Variable	Label	N	Sum	Mean	Variance	Standard Deviation
FAC1_1	REGR factor score 1 for analysis 1	165	50.10640	0.30368	0.73779	0.8589
FAC2_1	REGR factor score 2 for analysis 1	165	76.53950	0.46388	0.60445	0.7775

target = sağlıklı

Variable	Label	N	Sum	Mean	Variance	Standard Deviation
FAC1_1	REGR factor score 1 for analysis 1	138	-50.10640	-0.36309	1.07732	1.0379
FAC2_1	REGR factor score 2 for analysis 1	138	-76.53950	-0.55463	0.91178	0.9549

Pooled Covariance Matrix Information

Covariance Matrix Rank	Natural Log of the Determinant of the Covariance Matrix
2	-0.45344

The DISCRIM Procedure

Generalized Squared Distance to target

From target	hasta	sağlıklı
hasta	1.21557	3.91284
sağlıklı	3.55546	1.57296

The DISCRIM Procedure
Canonical Discriminant Analysis

	Canonical Correlation	Adjusted Canonical Correlation	Approximate Standard Error	Squared Canonical Correlation	Eigenvalues of Inv(E)*H = CanRsq/(1-CanRsq)				Test of H0: The canonical correlations in the current row and all that follow are zero				
					Eigenvalue	Difference	Proportion	Cumulative	Likelihood Ratio	Approximate F Value	Num DF	Den DF	Pr > F
1	0.607256	0.606169	0.036324	0.368760	0.5842		1.0000	1.0000	0.63124032	87.63	2	300	<.0001

Note: The F statistic is exact.

The DISCRIM Procedure
Canonical Discriminant Analysis

Total Canonical Structure

Variable	Label	Can1
FAC1_1	REGR factor score 1 for analysis 1	0.547719
FAC2_1	REGR factor score 2 for analysis 1	0.836662

Between Canonical Structure

Variable	Label	Can1
FAC1_1	REGR factor score 1 for analysis 1	1.000000
FAC2_1	REGR factor score 2 for analysis 1	1.000000

Pooled Within Canonical Structure		
Variable	Label	Can1
FAC1_1	REGR factor score 1 for analysis 1	0.461438
FAC2_1	REGR factor score 2 for analysis 1	0.771764

The DISCRIM Procedure
Canonical Discriminant Analysis

Total-Sample Standardized Canonical Coefficients		
Variable	Label	Can1
FAC1_1	REGR factor score 1 for analysis 1	0.688240480
FAC2_1	REGR factor score 2 for analysis 1	1.051314475

Pooled Within-Class Standardized Canonical Coefficients		
Variable	Label	Can1
FAC1_1	REGR factor score 1 for analysis 1	0.6501334891
FAC2_1	REGR factor score 2 for analysis 1	0.9070178411

Raw Canonical Coefficients		
Variable	Label	Can1
FAC1_1	REGR factor score 1 for analysis 1	0.688240480
FAC2_1	REGR factor score 2 for analysis 1	1.051314475

Class Means on Canonical Variables	
target	Can1
hasta	0.6966808264
sağlıklı	-.8329879446

The DISCRIM Procedure

Linear Discriminant Function for target			
Variable	Label	hasta	sağlıklı
Constant		-0.85047	-1.13341
FAC1_1	REGR factor score 1 for analysis 1	0.47948	-0.57330
FAC2_1	REGR factor score 2 for analysis 1	0.73243	-0.87573

The DISCRIM Procedure
Classification Summary for Calibration Data: WORK.IMPORT1
Resubstitution Summary using Linear Discriminant Function

Number of Observations and Percent Classified into target			
From target	hasta	sağlıklı	Total
hasta	140 84.85	25 15.15	165 100.00
sağlıklı	43 31.16	95 68.84	138 100.00
Total	183 60.40	120 39.60	303 100.00
Priors	0.54455	0.45545	

Error Count Estimates for target			
	hasta	sağlıklı	Total
Rate	0.1515	0.3116	0.2244
Priors	0.5446	0.4554	

The STEPDISC Procedure

The Method for Selecting Variables is STEPWISE			
Total Sample Size	303	Variable(s) in the Analysis	2
Class Levels	2	Variable(s) Will Be Included	0
		Significance Level to Enter	0.15
		Significance Level to Stay	0.15

Number of Observations Read	303
Number of Observations Used	303

Class Level Information				
target	Variable Name	Frequency	Weight	Proportion
hasta	hasta	165	165.0000	0.544554
sağlıklı	sağlıklı	138	138.0000	0.455446

The STEPDISC Procedure
Stepwise Selection: Step 1

Statistics for Entry, DF = 1, 301					
Variable	Label	R-Square	F Value	Pr > F	Tolerance
FAC1_1	REGR factor score 1 for analysis 1	0.1106	37.44	<.0001	1.0000
FAC2_1	REGR factor score 2 for analysis 1	0.2581	104.73	<.0001	1.0000

Variable FAC2_1 will be entered.

Variable(s) That Have Been Entered
FAC2_1

Multivariate Statistics					
Statistic	Value	F Value	Num DF	Den DF	Pr > F
Wilks' Lambda	0.741867	104.73	1	301	<.0001
Pillai's Trace	0.258133	104.73	1	301	<.0001
Average Squared Canonical Correlation	0.258133				

The STEPDISC Procedure
Stepwise Selection: Step 2

Statistics for Removal, DF = 1, 301				
Variable	Label	R-Square	F Value	Pr > F
FAC2_1	REGR factor score 2 for analysis 1	0.2581	104.73	<.0001

No variables can be removed.

Statistics for Entry, DF = 1, 300					
Variable	Label	Partial R-Square	F Value	Pr > F	Tolerance
FAC1_1	REGR factor score 1 for analysis 1	0.1491	52.58	<.0001	1.0000

Variable FAC1_1 will be entered.

All variables have been entered.

Multivariate Statistics					
Statistic	Value	F Value	Num DF	Den DF	Pr > F
Wilks' Lambda	0.631240	87.63	2	300	<.0001
Pillai's Trace	0.368760	87.63	2	300	<.0001
Average Squared Canonical Correlation	0.368760				

The STEPDISC Procedure
Stepwise Selection: Step 3

Statistics for Removal, DF = 1, 300				
Variable	Label	Partial R-Square	F Value	Pr > F
FAC1_1	REGR factor score 1 for analysis 1	0.1491	52.58	<.0001
FAC2_1	REGR factor score 2 for analysis 1	0.2902	122.68	<.0001

No variables can be removed.

No further steps are possible.

The STEPDISC Procedure

Stepwise Selection Summary											
Step	Number In	Entered	Removed	Label	Partial R-Square	F Value	Pr > F	Wilks' Lambda	Pr < Lambda	Average Squared Canonical Correlation	Pr > ASCC
1	1	FAC2_1		REGR factor score 2 for analysis 1	0.2581	104.73	<.0001	0.74186678	<.0001	0.25813322	<.0001
2	2	FAC1_1		REGR factor score 1 for analysis 1	0.1491	52.58	<.0001	0.63124032	<.0001	0.36875968	<.0001