Analysis of Distances (mm) -- MANOVA

Class Level Information		
Class	Levels	Values
GENDER	2	F M

Number of Observations Read	27
Number of Observations Used	27

Analysis of Distances (mm) -- MANOVA

Repeated Measures Analysis of Variance

Repeated Measures Level Information				
Dependent Variable	age8	age10	age12	age14
Level of age	1	2	3	4

MANOVA Tests for the Hypothesis of no age Effect
H = Type III SSCP Matrix for age
E = Error SSCP Matrix

S=1   M=0.5   N=10.5

Statistic	Value	P-Value
Wilks' Lambda	0.19479424	<.0001
Pillai's Trace	0.80520576	<.0001
Hotelling-Lawley Trace	4.13362211	<.0001
Roy's Greatest Root	4.13362211	<.0001

MANOVA Tests for the Hypothesis of no age*GENDER Effect
H = Type III SSCP Matrix for age*GENDER
E = Error SSCP Matrix

S=1   M=0.5   N=10.5

Statistic	Value	P-Value
Wilks' Lambda	0.73988739	0.0696
Pillai's Trace	0.26011261	0.0696
Hotelling-Lawley Trace	0.35155702	0.0696
Roy's Greatest Root	0.35155702	0.0696

Analysis of Distances (mm) -- MANOVA

Repeated Measures Analysis of Variance
Tests of Hypotheses for Between Subjects Effects

Source	DF	Type III SS	Mean Square	F Value	Pr > F
GENDER	1	140.4648569	140.4648569	9.29	0.0054
Error	25	377.9147727	15.1165909		

Source	DF	Type III SS	Mean Square	F Value	Pr > F
GENDER	1	140.4648569	140.4648569	9.29	0.0054