The GLM Procedure

Class Level Information		
Class	**Levels**	**Values**
sex	2	F M

Number of Observations Read	160
Number of Observations Used	160

Model 2

The GLM Procedure

Dependent Variable: pace

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	170.7413698	170.7413698	43.70	<.0001
Error	158	617.3533455	3.9072997		
Corrected Total	159	788.0947153			

R-Square	Coeff Var	Root MSE	pace Mean
0.216651	21.67274	1.976689	9.120625

Source	DF	Type I SS	Mean Square	F Value	Pr > F
sex	1	170.7413698	170.7413698	43.70	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
sex	1	170.7413698	170.7413698	43.70	<.0001

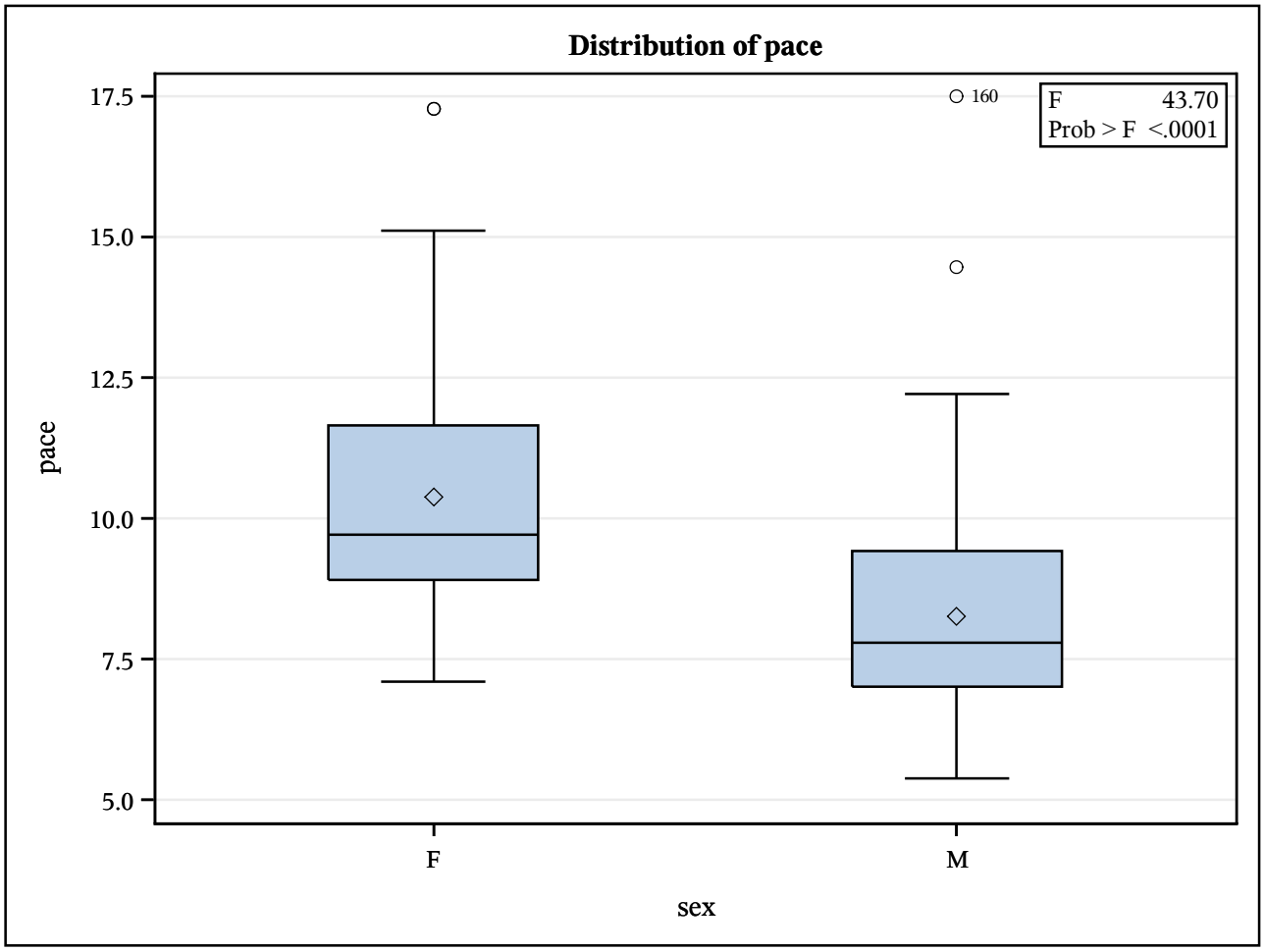
Parameter	Estimate		Standard Error	t Value	Pr > |t|
Intercept	8.266140351	B	0.20280402	40.76	<.0001
sex F	2.103346829	B	0.31818512	6.61	<.0001
sex M	0.000000000	B	.	.	.

Note: The X'X matrix has been found to be singular, and a generalized inverse was used to solve the normal equations. Terms whose estimates are followed by the letter 'B' are not uniquely estimable.

Model 2

The GLM Procedure

Dependent Variable: pace



The GLM Procedure

Number of Observations Read	160
Number of Observations Used	160

The GLM Procedure

Dependent Variable: pace

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	1.0965043	1.0965043	0.22	0.6396
Error	158	786.9982110	4.9810013		
Corrected Total	159	788.0947153			

R-Square	Coeff Var	Root MSE	pace Mean
0.001391	24.46999	2.231816	9.120625

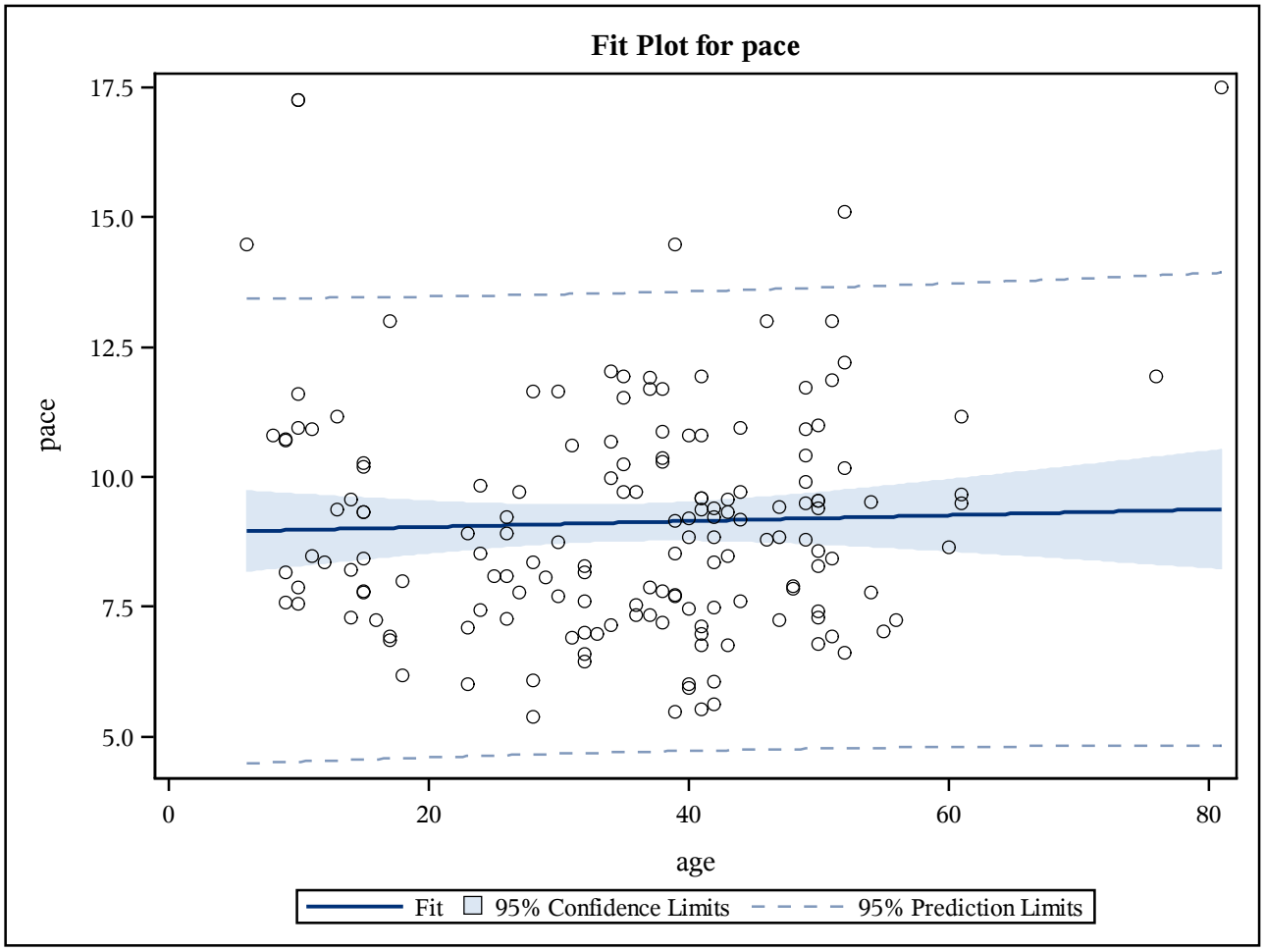
Source	DF	Type I SS	Mean Square	F Value	Pr > F
age	1	1.09650427	1.09650427	0.22	0.6396

Source	DF	Type III SS	Mean Square	F Value	Pr > F
age	1	1.09650427	1.09650427	0.22	0.6396

Parameter	Estimate	Standard Error	t Value	Pr > |t|
Intercept	8.922709126	0.45724042	19.51	<.0001
age	0.005643654	0.01202856	0.47	0.6396

The GLM Procedure

Dependent Variable: pace



The GLM Procedure

Number of Observations Read	160
Number of Observations Used	160

The GLM Procedure

Dependent Variable: pace

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	113.6450003	56.8225001	13.23	<.0001
Error	157	674.4497150	4.2958581		
Corrected Total	159	788.0947153			

R-Square	Coeff Var	Root MSE	pace Mean
0.144202	22.72482	2.072645	9.120625

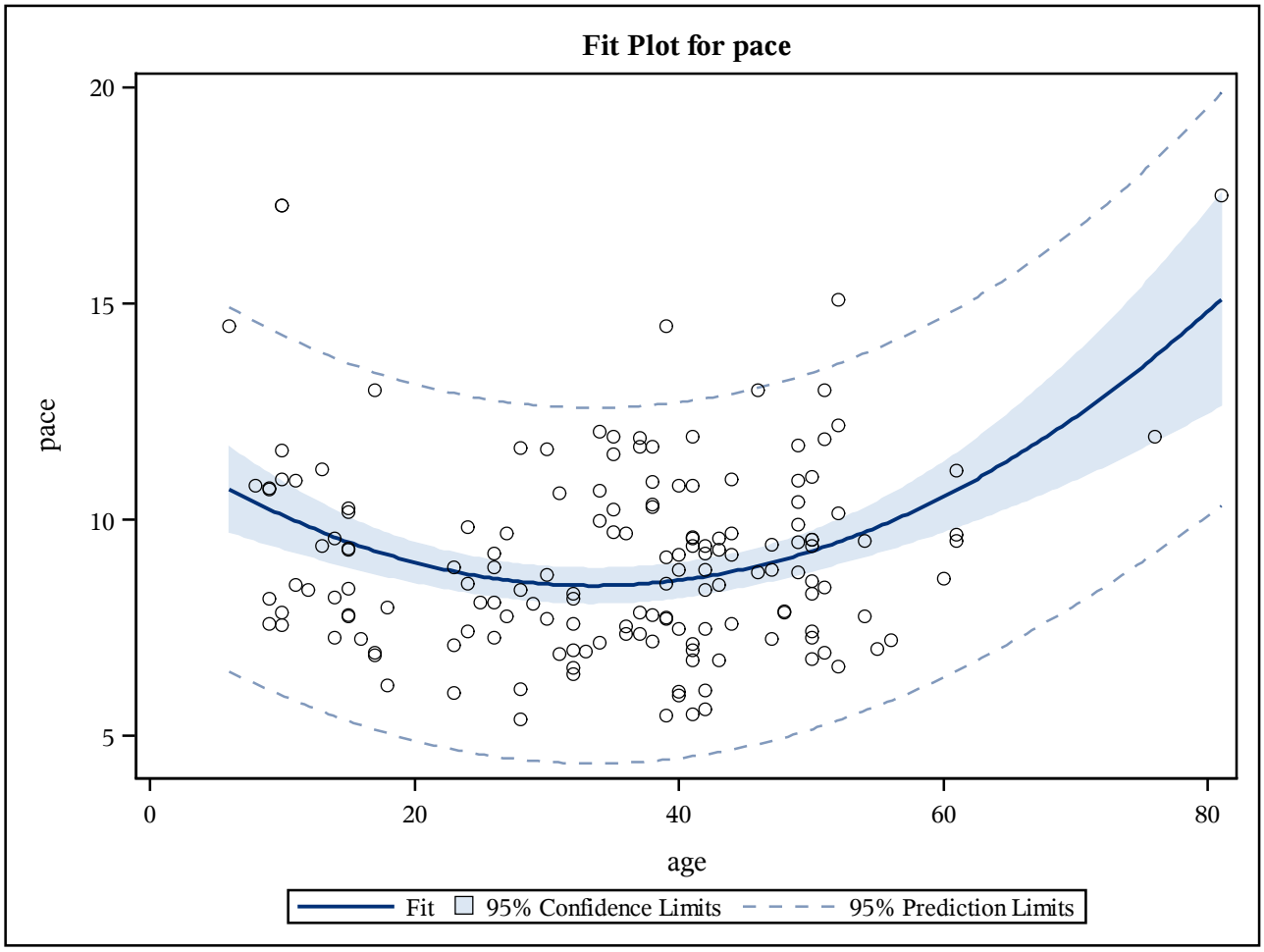
Source	DF	Type I SS	Mean Square	F Value	Pr > F
age	1	1.0965043	1.0965043	0.26	0.6141
age*age	1	112.5484960	112.5484960	26.20	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
age	1	98.5223939	98.5223939	22.93	<.0001
age*age	1	112.5484960	112.5484960	26.20	<.0001

Parameter	Estimate	Standard Error	t Value	Pr > |t|
Intercept	11.78503486	0.70215799	16.78	<.0001
age	-0.19699301	0.04113470	-4.79	<.0001
age*age	0.00293699	0.00057380	5.12	<.0001

The GLM Procedure

Dependent Variable: pace



The GLM Procedure

Class Level Information		
Class	**Levels**	**Values**
sex	2	F M

Number of Observations Read	160
Number of Observations Used	160

The GLM Procedure

Dependent Variable: pace

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	290.3485074	96.7828358	30.33	<.0001
Error	156	497.7462079	3.1906808		
Corrected Total	159	788.0947153			

R-Square	Coeff Var	Root MSE	pace Mean
0.368418	19.58471	1.786248	9.120625

Source	DF	Type I SS	Mean Square	F Value	Pr > F
age	1	1.0965043	1.0965043	0.34	0.5586
age*age	1	112.5484960	112.5484960	35.27	<.0001
sex	1	176.7035071	176.7035071	55.38	<.0001

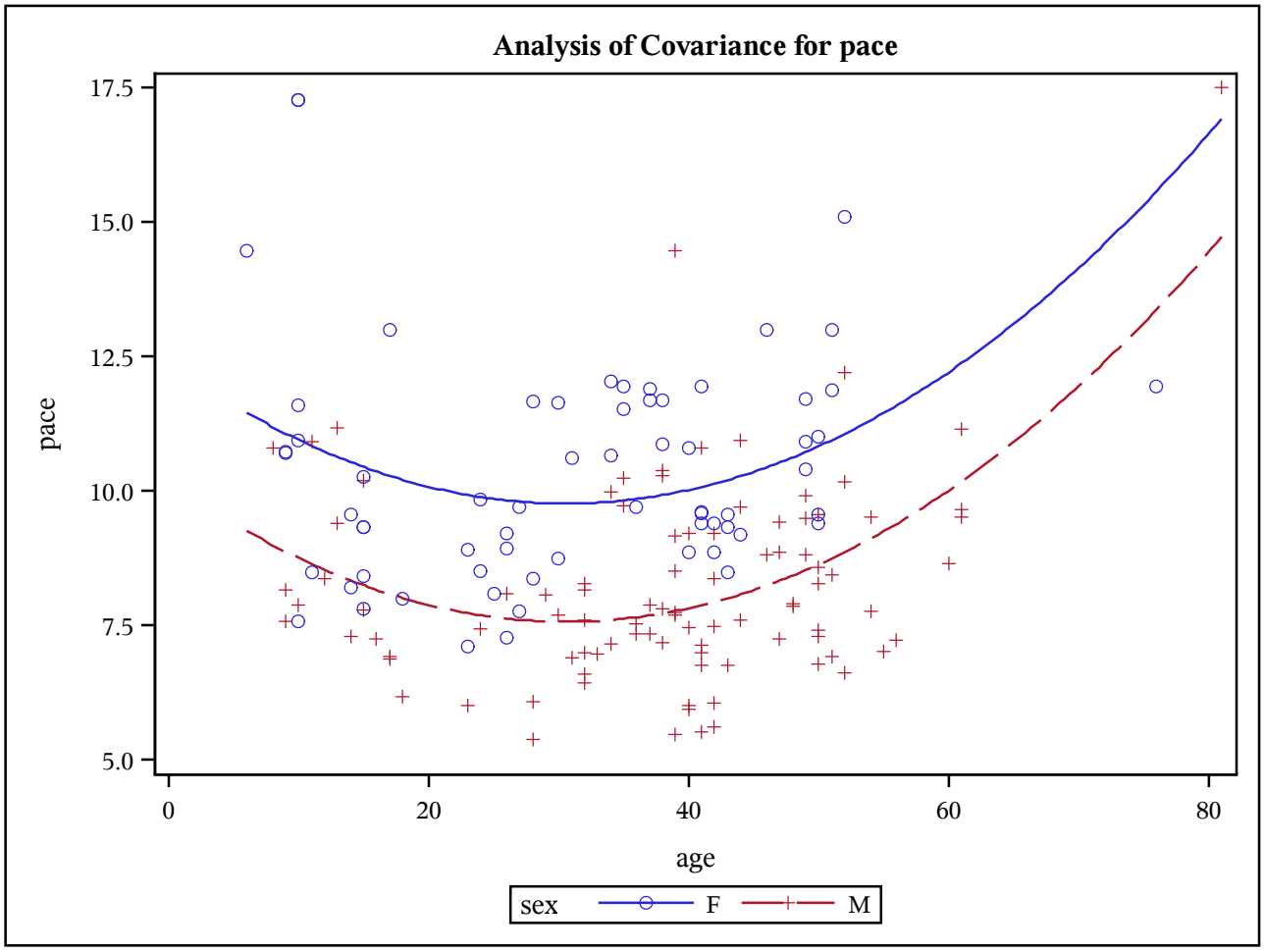
Source	DF	Type III SS	Mean Square	F Value	Pr > F
age	1	73.9438080	73.9438080	23.17	<.0001
age*age	1	102.7473738	102.7473738	32.20	<.0001
sex	1	176.7035071	176.7035071	55.38	<.0001

Parameter	Estimate		Standard Error	t Value	Pr > |t|
Intercept	10.18316690	B	0.64227743	15.85	<.0001
age	-0.17145849		0.03561638	-4.81	<.0001
age*age	0.00280792		0.00049481	5.67	<.0001
sex F	2.19792213	B	0.29534621	7.44	<.0001
sex M	0.00000000	B	.	.	.

Note: The X'X matrix has been found to be singular, and a generalized inverse was used to solve the normal equations. Terms whose estimates are followed by the letter 'B' are not uniquely estimable.

The GLM Procedure

Dependent Variable: pace



The GLM Procedure

Class Level Information		
Class	**Levels**	**Values**
sex	2	F M

Number of Observations Read	160
Number of Observations Used	160

The GLM Procedure

Dependent Variable: pace

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	293.5282772	58.7056554	18.28	<.0001
Error	154	494.5664380	3.2114704		
Corrected Total	159	788.0947153			

R-Square	Coeff Var	Root MSE	pace Mean
0.372453	19.64841	1.792058	9.120625

Source	DF	Type I SS	Mean Square	F Value	Pr > F
age	1	1.0965043	1.0965043	0.34	0.5599
age*age	1	112.5484960	112.5484960	35.05	<.0001
sex	1	176.7035071	176.7035071	55.02	<.0001
age*sex	1	0.0057235	0.0057235	0.00	0.9664
age*age*sex	1	3.1740464	3.1740464	0.99	0.3217

Source	DF	Type III SS	Mean Square	F Value	Pr > F
age	1	66.02141759	66.02141759	20.56	<.0001
age*age	1	87.52232536	87.52232536	27.25	<.0001
sex	1	3.34259172	3.34259172	1.04	0.3092
age*sex	1	2.85593189	2.85593189	0.89	0.3471
age*age*sex	1	3.17404636	3.17404636	0.99	0.3217

Parameter	Estimate		Standard Error	t Value	Pr > |t|
Intercept	10.60848468	B	0.88640608	11.97	<.0001
age	-0.19985505	B	0.04841621	-4.13	<.0001
age*age	0.00320665	B	0.00064628	4.96	<.0001
sex F	1.25727925	B	1.23237262	1.02	0.3092
sex M	0.00000000	B	.	.	.
age*sex F	0.06882008	B	0.07297821	0.94	0.3471
age*sex M	0.00000000	B	.	.	.

The GLM Procedure

Dependent Variable: pace

Parameter	Estimate		Standard Error	t Value	Pr > |t|
age*age*sex F	-0.00102594	B	0.00103197	-0.99	0.3217
age*age*sex M	0.00000000	B	.	.	.

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