Obs	Name	Height_Ft	Height_In	Weight	Position	TeamYrs	DOB	DateJoin	Weight_kg	Height_m	weight_plusequip	age
1	Gary Jones	6	3	200	Pitcher	4	12404	19221	90.718	1.9050	202.0	29
2	Arnold Johnson	5	9	189	Infielder	4	11718	.	85.729	1.7526	191.0	31
3	Donald Gubonsky	5	11	187	Infielder	1	12561	20356	84.822	1.8034	189.0	28
4	Sam James	6	2	217	Outfielder	2	12449	.	98.430	1.8796	219.5	29
5	Jack Cowherd	6	0	233	Catcher	4	11718	19596	105.687	1.8288	243.0	31
6	Lenny Lee	6	3	210	Catcher	2	12796	.	95.254	1.9050	220.0	28
7	Bennie Openhem	5	11	198	Pitcher	1	13262	.	89.811	1.8034	200.0	26
8	Jack Yancy	6	1	212	Outfielder	3	11638	20008	96.162	1.8542	214.5	31

Obs	Name	Height_Ft	Height_In	Weight	Position	TeamYrs	DOB
1	Jack Cowherd	6	0	233	Catcher	4	Friday, January 31, 1992
2	Lenny Lee	6	3	210	Catcher	2	Friday, January 13, 1995
3	Arnold Johnson	5	9	189	Infielder	4	Friday, January 31, 1992
4	Donald Gubonsky	5	11	187	Infielder	1	Monday, May 23, 1994
5	Jack Yancy	6	1	212	Outfielder	3	Tuesday, November 12, 1991
6	Sam James	6	2	217	Outfielder	2	Monday, January 31, 1994
7	Gary Jones	6	3	200	Pitcher	4	Friday, December 17, 1993
8	Bennie Openhem	5	11	198	Pitcher	1	Tuesday, April 23, 1996

Obs	DateJoin	Weight_kg	Height_m	weight_plusequip	age
1	Monday, August 26, 2013	105.687	1.8288	243.0	31
2	.	95.254	1.9050	220.0	28
3	.	85.729	1.7526	191.0	31
4	Friday, September 25, 2015	84.822	1.8034	189.0	28
5	Sunday, October 12, 2014	96.162	1.8542	214.5	31
6	.	98.430	1.8796	219.5	29
7	Thursday, August 16, 2012	90.718	1.9050	202.0	29
8	.	89.811	1.8034	200.0	26

The MEANS Procedure

Analysis Variable : Weight	
Mean	Std Dev
205.7500000	15.3599665

The MEANS Procedure

Analysis Variable : Weight			
Position	N Obs	Mean	Std Dev
Catcher	2	221.5000000	16.2634560
Infielder	2	188.0000000	1.4142136
Outfielder	2	214.5000000	3.5355339
Pitcher	2	199.0000000	1.4142136

Obs	Flavor	Height	Brand
1	Devil's Food	39.0	Duncan
2	Devil's Food	36.5	Duncan
3	White	30.5	Duncan
4	White	34.5	Duncan
5	Yellow	37.0	Duncan
6	Yellow	35.0	Duncan
7	Devil's Food	35.5	Betty
8	Devil's Food	36.0	Betty
9	Yellow	32.5	Betty
10	Yellow	32.5	Betty
11	White	35.5	Betty
12	White	37.5	Betty

The MEANS Procedure

Analysis Variable : Height			
Flavor	N Obs	Mean	Std Dev
Devil's Food	4	36.7500000	1.5545632
White	4	34.5000000	2.9439203
Yellow	4	34.2500000	2.1794495

Obs	Flavor	Height	Brand	Height_Mean	Height_StdDev
1	Devil's Food	39.0	Duncan	36.75	1.55456
2	Devil's Food	36.5	Duncan	36.75	1.55456
3	Devil's Food	35.5	Betty	36.75	1.55456
4	Devil's Food	36.0	Betty	36.75	1.55456
5	White	30.5	Duncan	34.50	2.94392
6	White	34.5	Duncan	34.50	2.94392
7	White	35.5	Betty	34.50	2.94392
8	White	37.5	Betty	34.50	2.94392
9	Yellow	37.0	Duncan	34.25	2.17945
10	Yellow	35.0	Duncan	34.25	2.17945
11	Yellow	32.5	Betty	34.25	2.17945
12	Yellow	32.5	Betty	34.25	2.17945

Obs	id	WeightMes1	WeightMes2	WeightMes3
1	2	157.200	157.200	157.200
2	16	267.800	268.000	268.000
3	21	220.200	220.200	220.200
4	27	192.400	192.400	192.400
5	29	234.200	234.200	234.200

Obs	id	wgt2
1	2	157.200
2	16	267.933
3	21	220.200
4	27	192.400
5	29	234.200

Obs	id	wgt2	Frequency
1	2	157.200	2
2	16	267.933	4
3	21	220.200	4
4	27	192.400	1
5	29	234.200	2

Problem 3d Output: Differences in Age, BMI, and AUA Score between Waves 1 and 2

The MEANS Procedure

Variable	N	N Miss	Mean	Median
agediff	170	4	4.4882353	4.0000000
wgtdiff	163	11	1.8081797	2.1999969
auascorediff	160	14	-0.0562500	0

The MEANS Procedure

Analysis Variable : AGE Age (From Master) at entry	
Mean	Median
26.8022207	27.0000000

The MEANS Procedure

Analysis Variable : AER Albuminuri (mg/24hr, Form 23b)		
Sex (From Master)	N Obs	Median
F	680	10.0800000
M	761	11.5200000

The FREQ Procedure

Sex (From Master)				
SEX	Frequency	Percent	Cumulative Frequency	Cumulative Percent
F	680	47.19	680	47.19
M	761	52.81	1441	100.00

The UNIVARIATE Procedure
Variable: AGE (Age (From Master) at entry)

Moments			
N	1441	**Sum Weights**	1441
Mean	26.8022207	**Sum Observations**	38622
Std Deviation	7.11271518	**Variance**	50.5907173
Skewness	-0.2091168	**Kurtosis**	-0.8711398
Uncorrected SS	1108006	**Corrected SS**	72850.6329
Coeff Variation	26.5377831	**Std Error Mean**	0.18737145

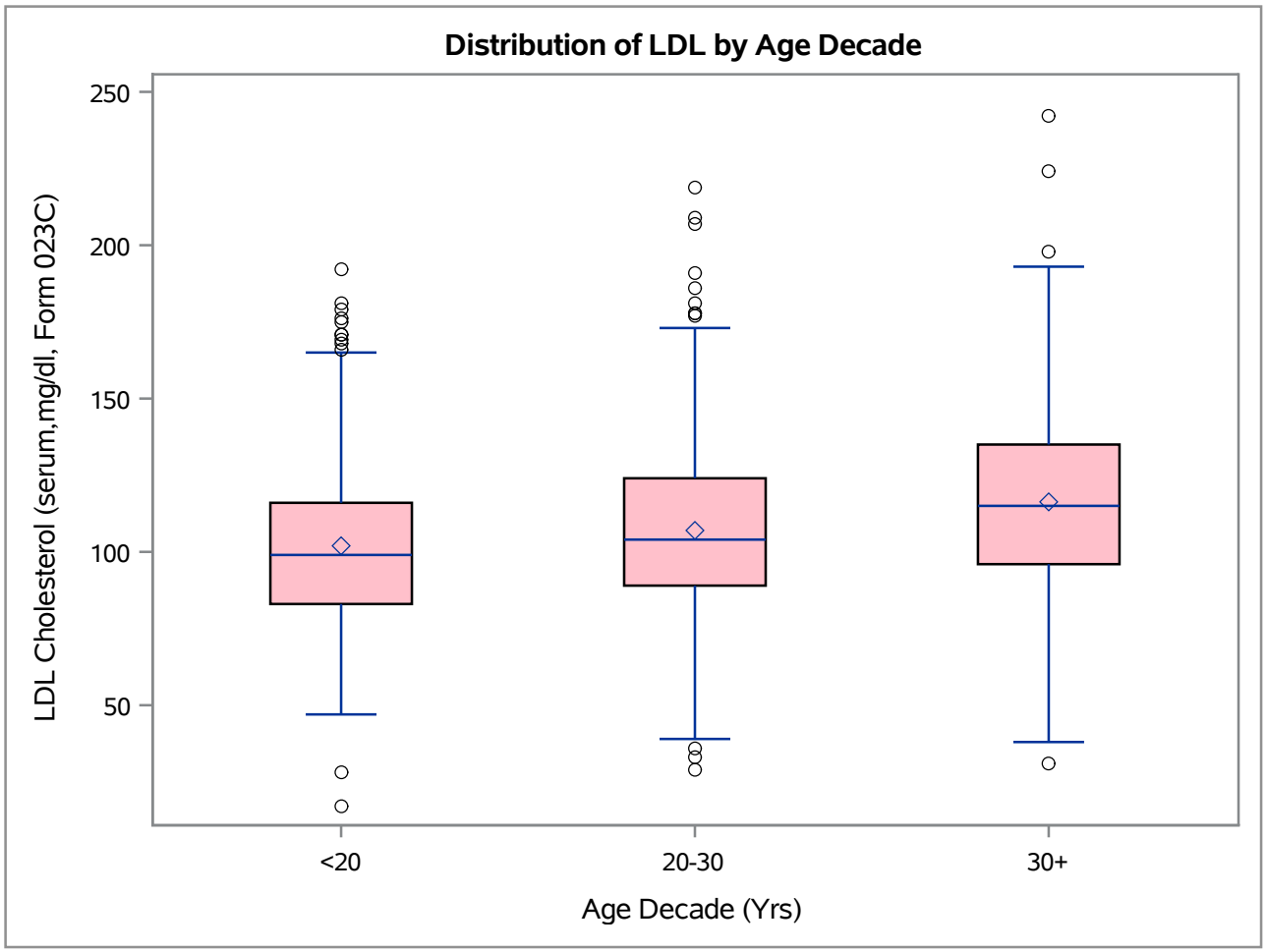
Basic Statistical Measures			
Location		**Variability**	
Mean	26.80222	**Std Deviation**	7.11272
Median	27.00000	**Variance**	50.59072
Mode	27.00000	**Range**	26.00000
		Interquartile Range	10.00000

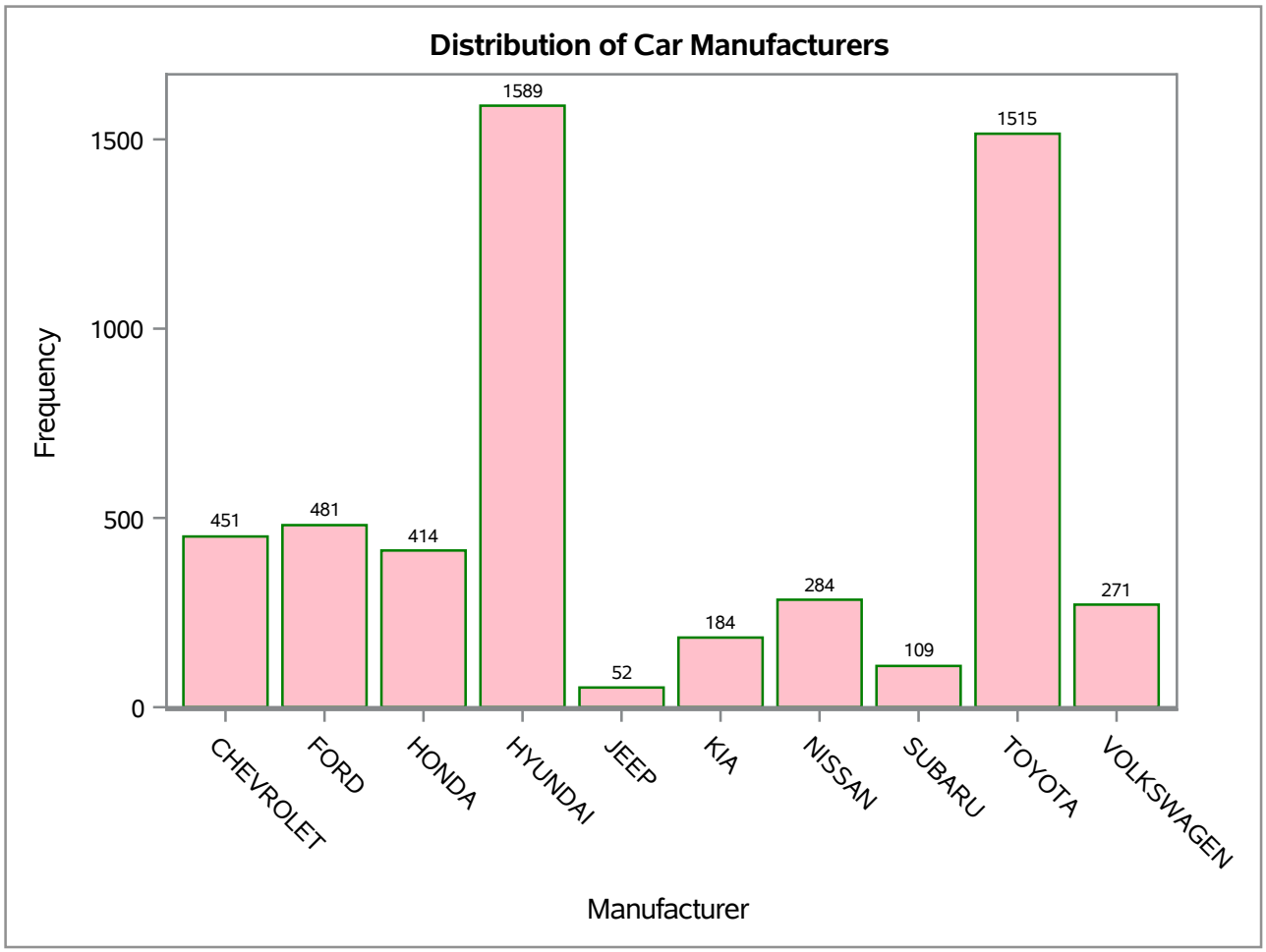
Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	143.0432	**Pr > |t|**	<.0001
Sign	**M**	720.5	**Pr >= |M|**	<.0001
Signed Rank	**S**	519480.5	**Pr >= |S|**	<.0001

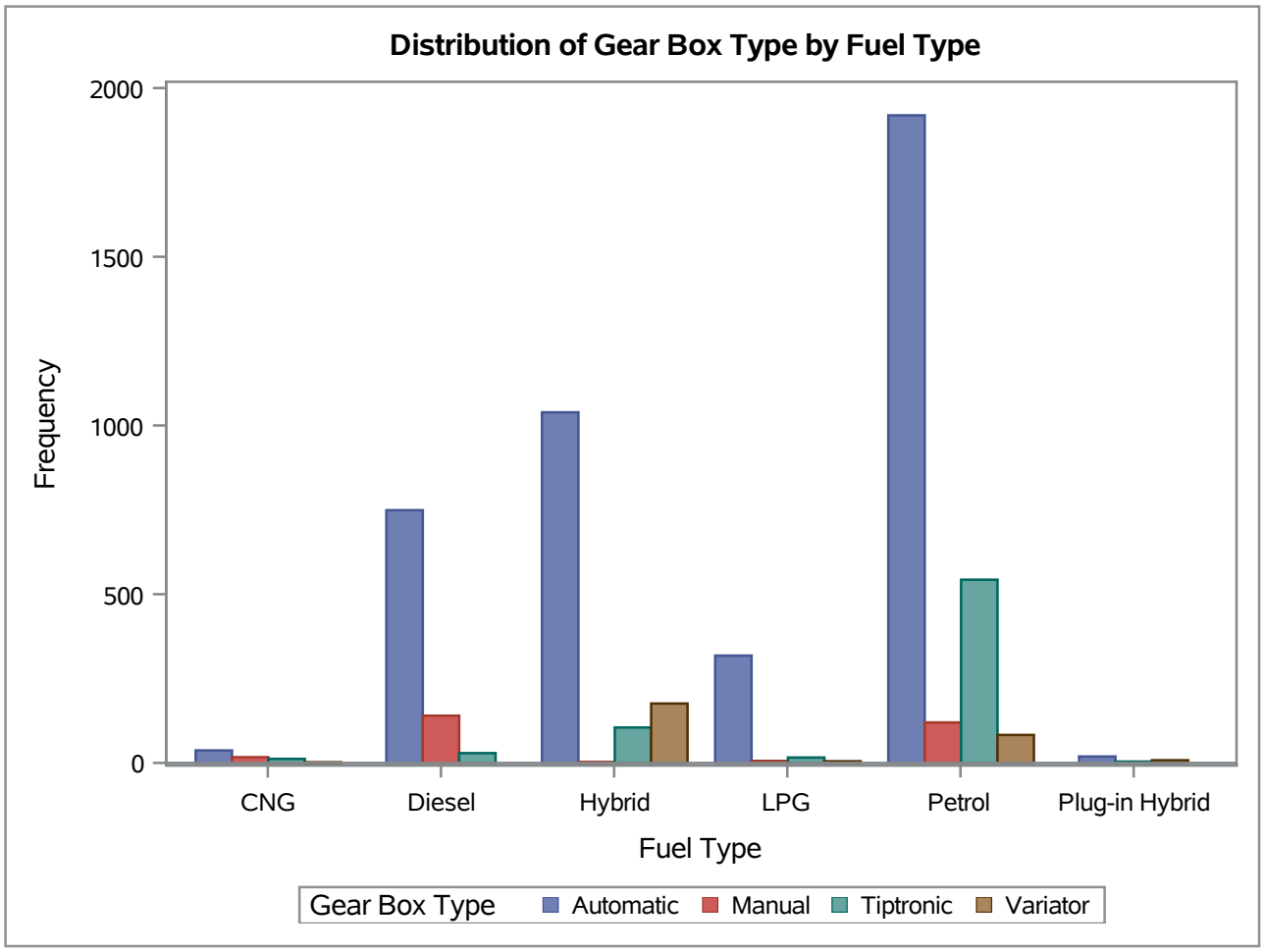
Quantiles (Definition 5)	
Level	**Quantile**
100% Max	39
99%	39
95%	38
90%	36
75% Q3	32
50% Median	27
25% Q1	22
10%	16
5%	14
1%	13
0% Min	13

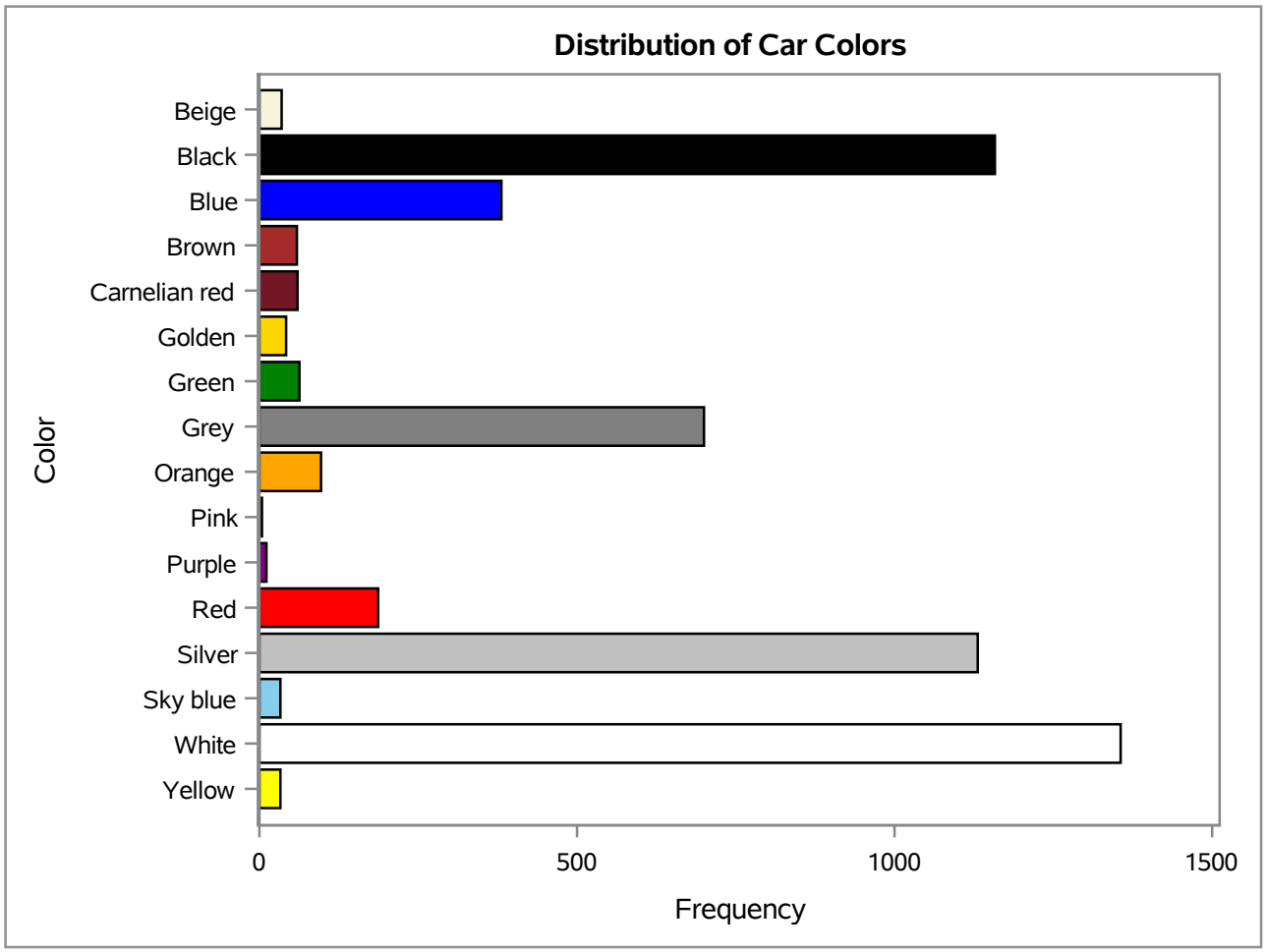
The UNIVARIATE Procedure
Variable: AGE (Age (From Master) at entry)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
13	1430	39	1311
13	1301	39	1392
13	1299	39	1405
13	1264	39	1414
13	1205	39	1437

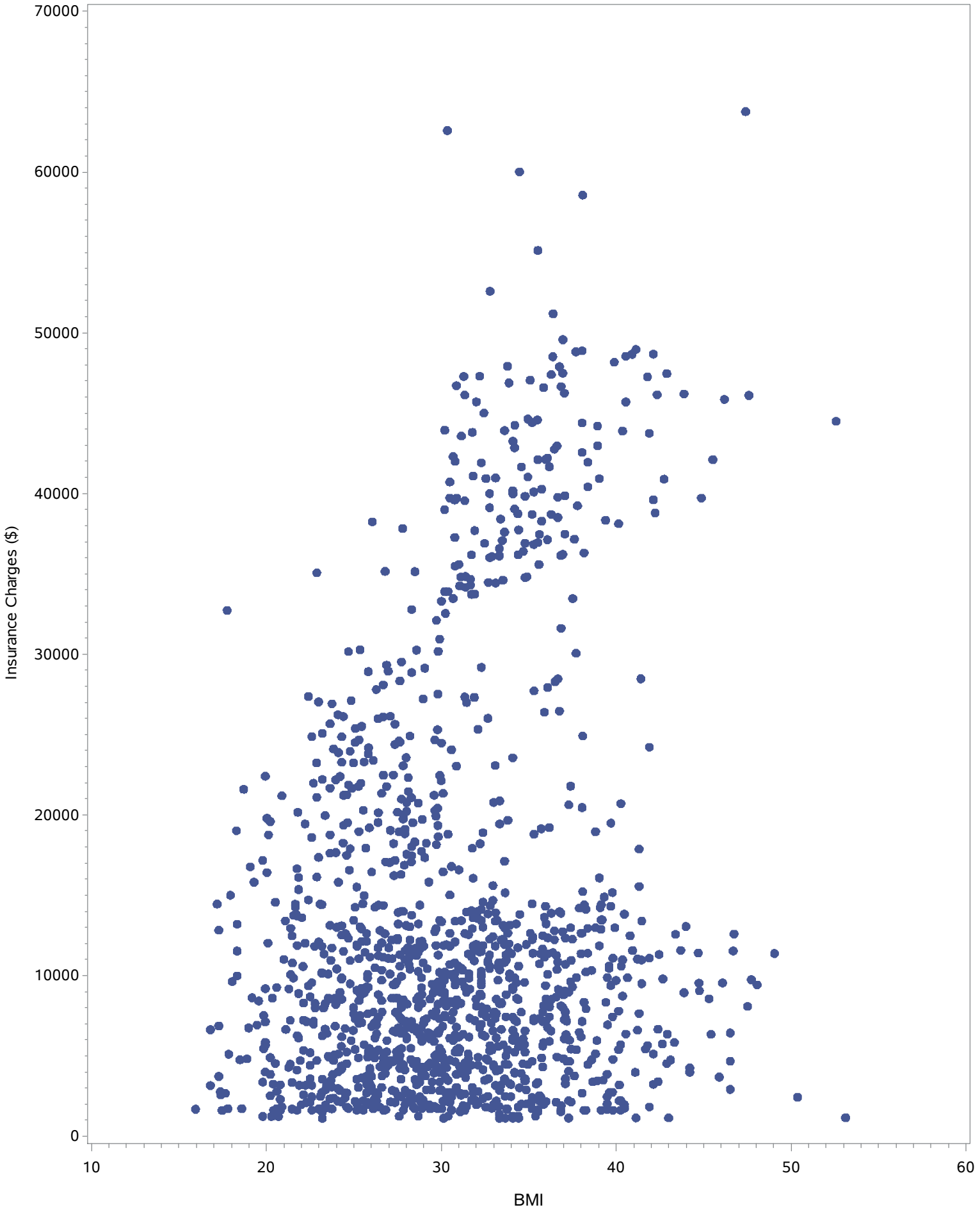

Distribution of LDL by Age Decade
LDL Cholesterol (serum,mg/dl, Form 023C)
250
200
150
100
50
<20
20-30
30+
Age Decade (Yrs)


Distribution of Car Manufacturers
Frequency
1500
1000
500
0
451
481
414
1589
52
184
284
109
1515
271
CHEVROLET
FORD
HONDA
HYUNDAI
JEEP
KIA
NISSAN
SUBARU
TOYOTA
VOLKSWAGEN
Manufacturer

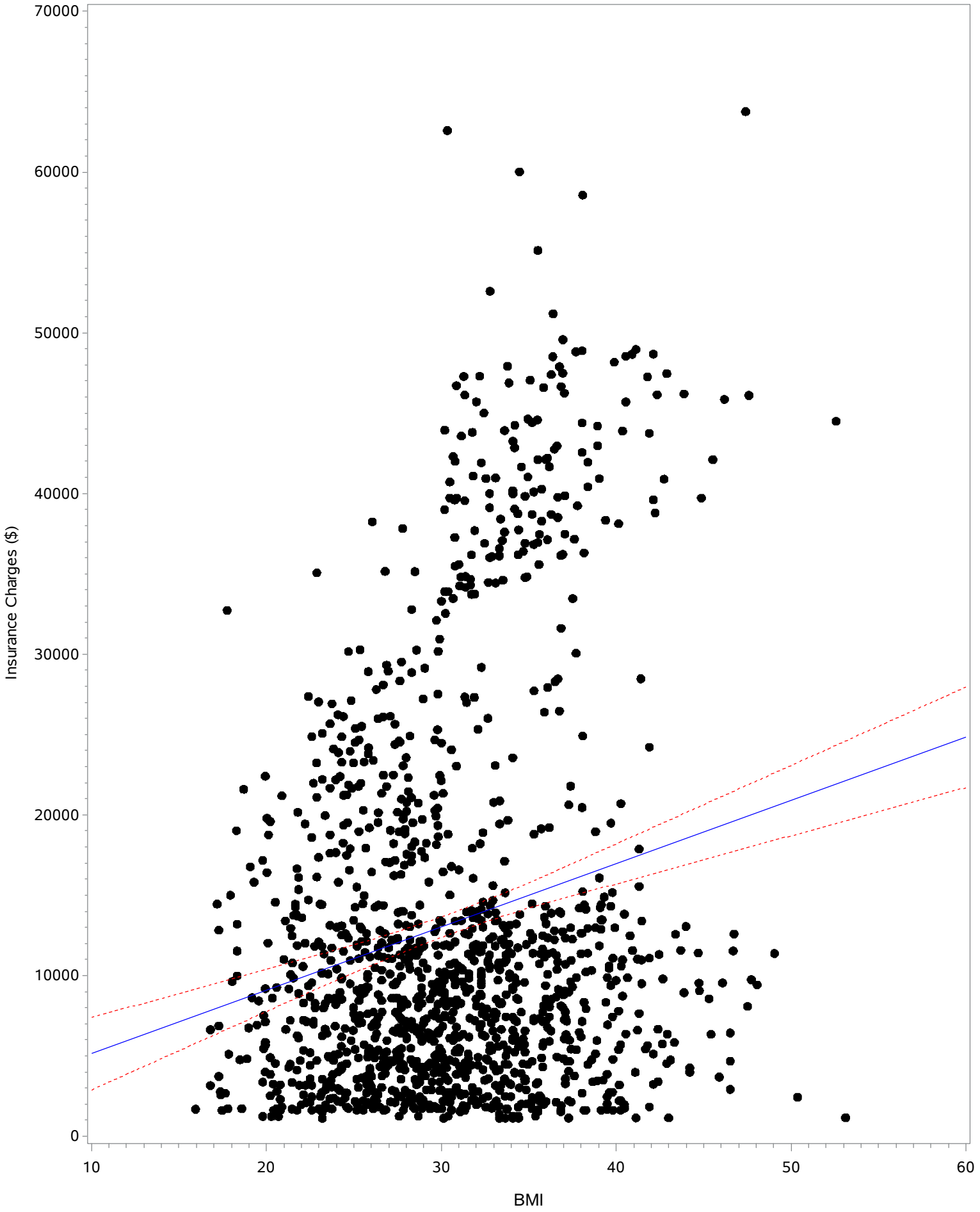

Distribution of Gear Box Type by Fuel Type
Frequency
2000
1500
1000
500
0
CNG
Diesel
Hybrid
LPG
Petrol
Plug-in Hybrid
Fuel Type
Gear Box Type
Automatic
Manual
Tiptronic
Variator


Distribution of Car Colors
Color
Beige
Black
Blue
Brown
Carnelian red
Golden
Green
Grey
Orange
Pink
Purple
Red
Silver
Sky blue
White
Yellow
0
500
1000
1500
Frequency

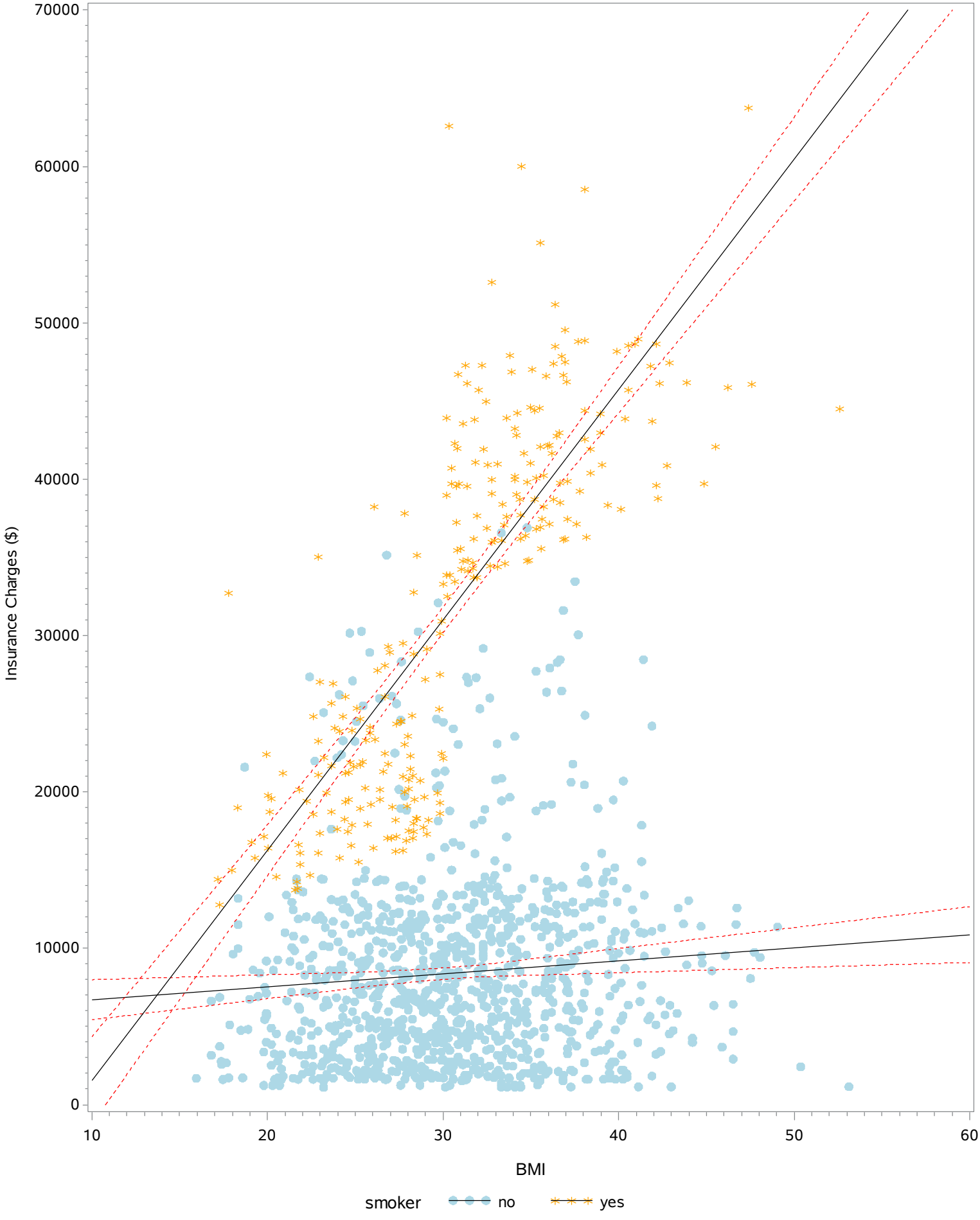
BMI Versus Insurance Charges



BMI Versus Insurance Charges with Regression Line and 95% CI



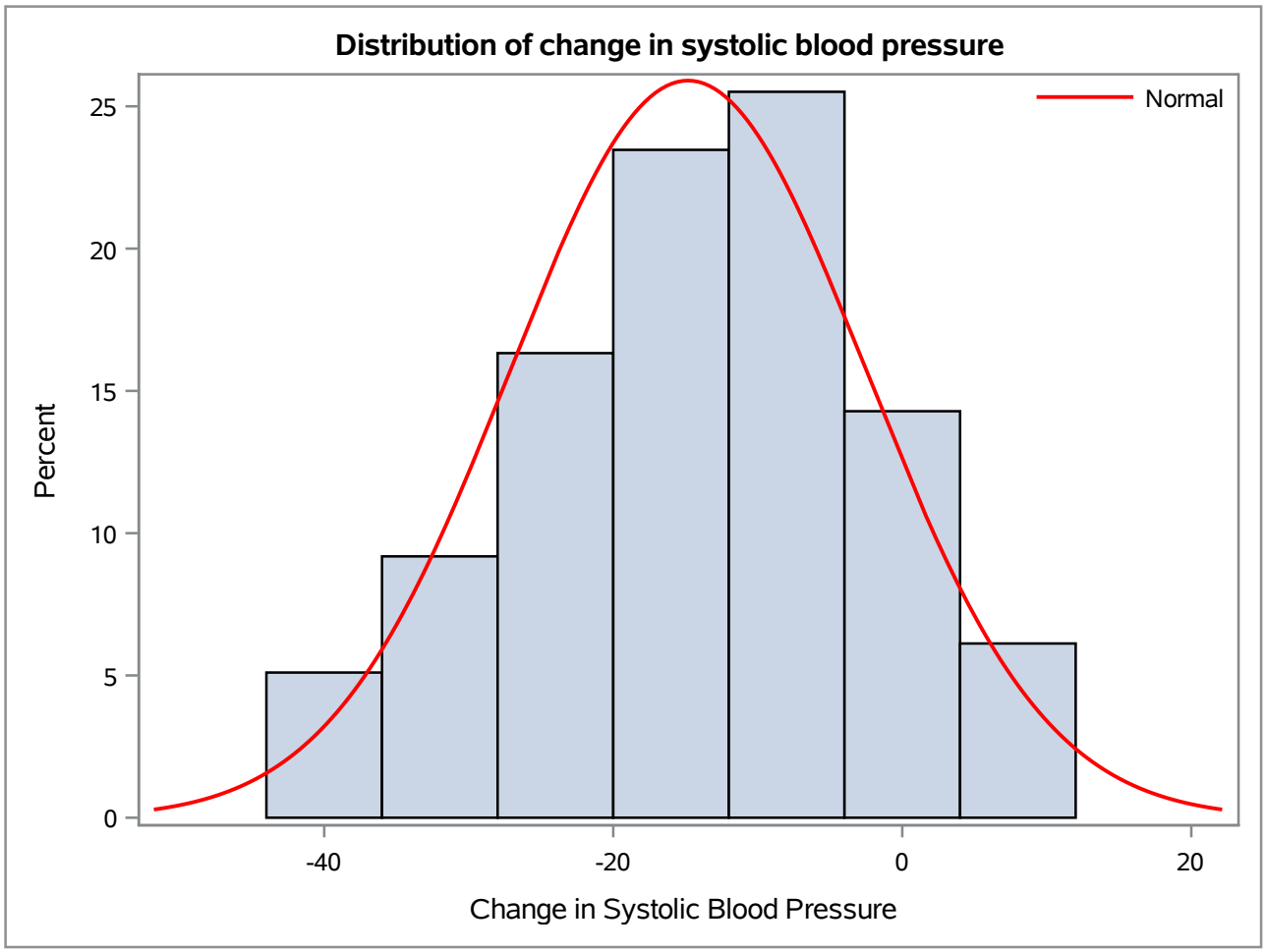
BMI Versus Insurance Charges by Smoking Status with Regression Lines and 95% CI



BMI Versus Insurance Charges by Smoking Status with Regression Lines and 95% CI

The MEANS Procedure

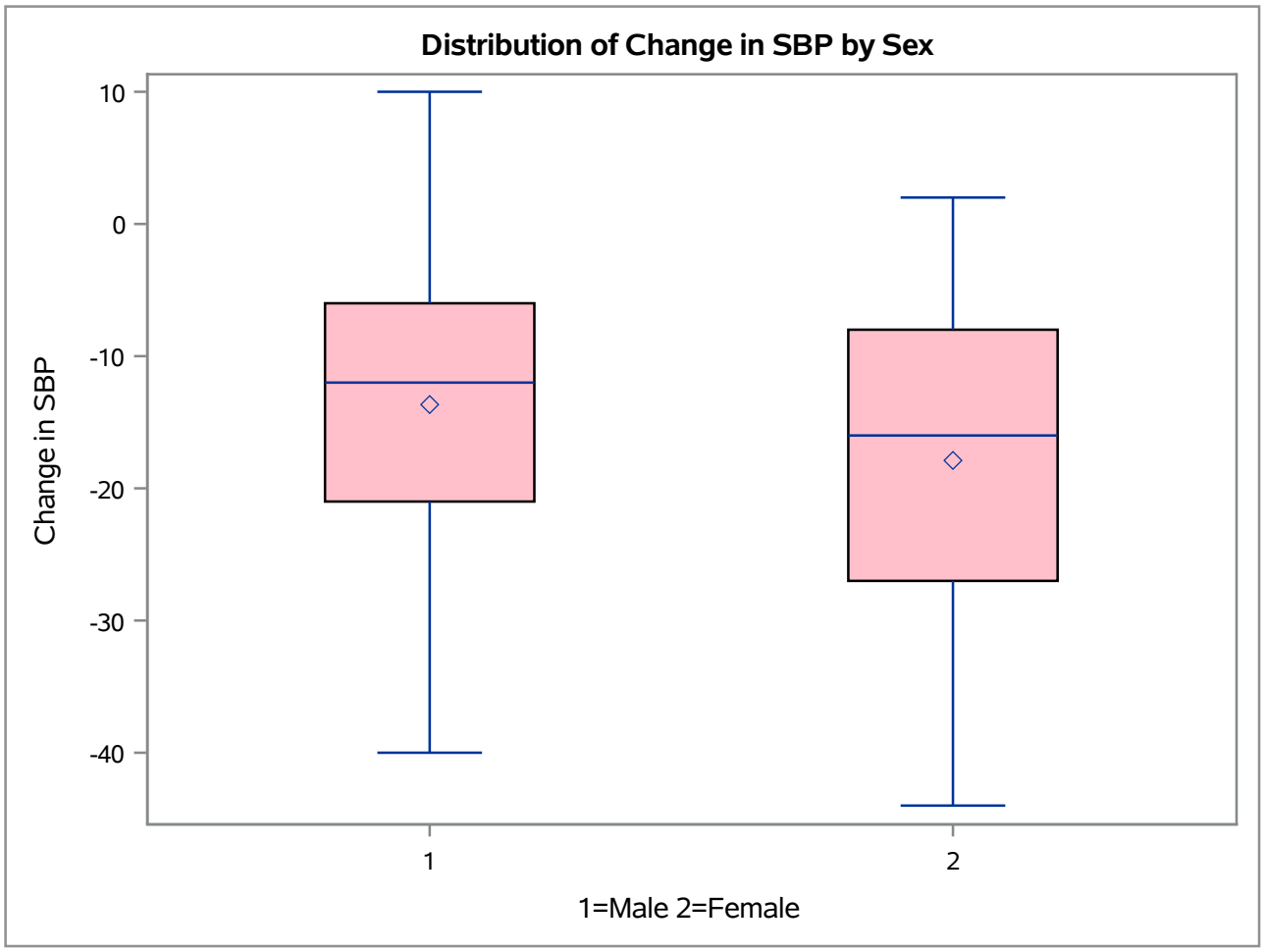
Variable	Label	Mean	N Miss	N
sbpdif	Change in systolic blood pressure	-14.8265306	2	98
wtdif	Change in weight	-11.5112245	2	98

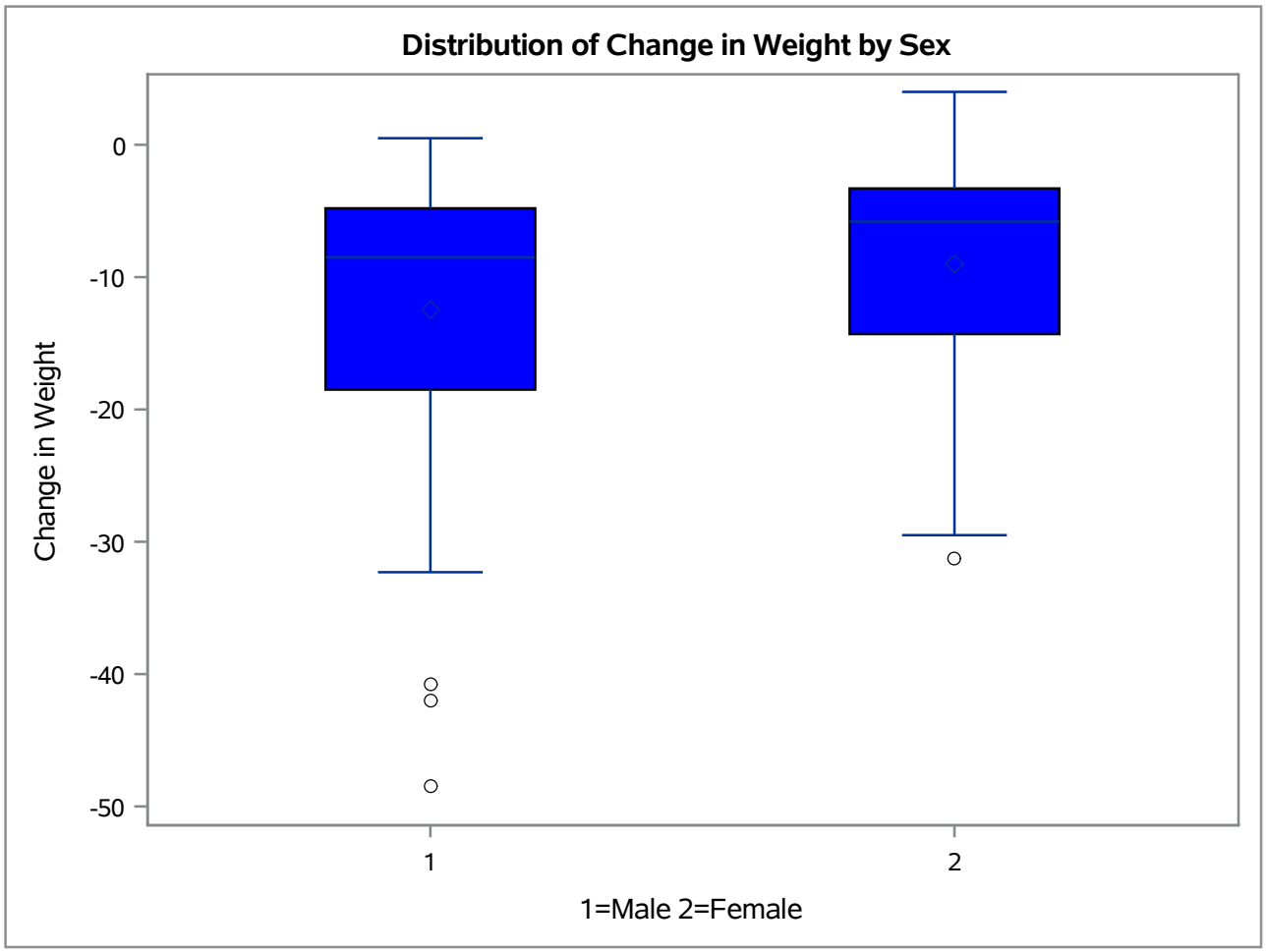

Distribution of change in systolic blood pressure
Normal
Percent
25
20
15
10
5
0
-40
-20
0
20
Change in Systolic Blood Pressure

Distribution of change in systolic blood pressure

The MEANS Procedure

1=Male 2=Female	N Obs	Variable	Mean
1	73	sbpdif wtdif	-13.6619718 -12.4619718
2	27	sbpdif wtdif	-17.8888889 -9.0111111


Distribution of Change in SBP by Sex
Change in SBP
10
0
-10
-20
-30
-40
1
2
1=Male 2=Female


Distribution of Change in Weight by Sex
Change in Weight
0
-10
-20
-30
-40
-50
1
2
1=Male 2=Female

Distribution of Change in Weight by Sex

The CORR Procedure

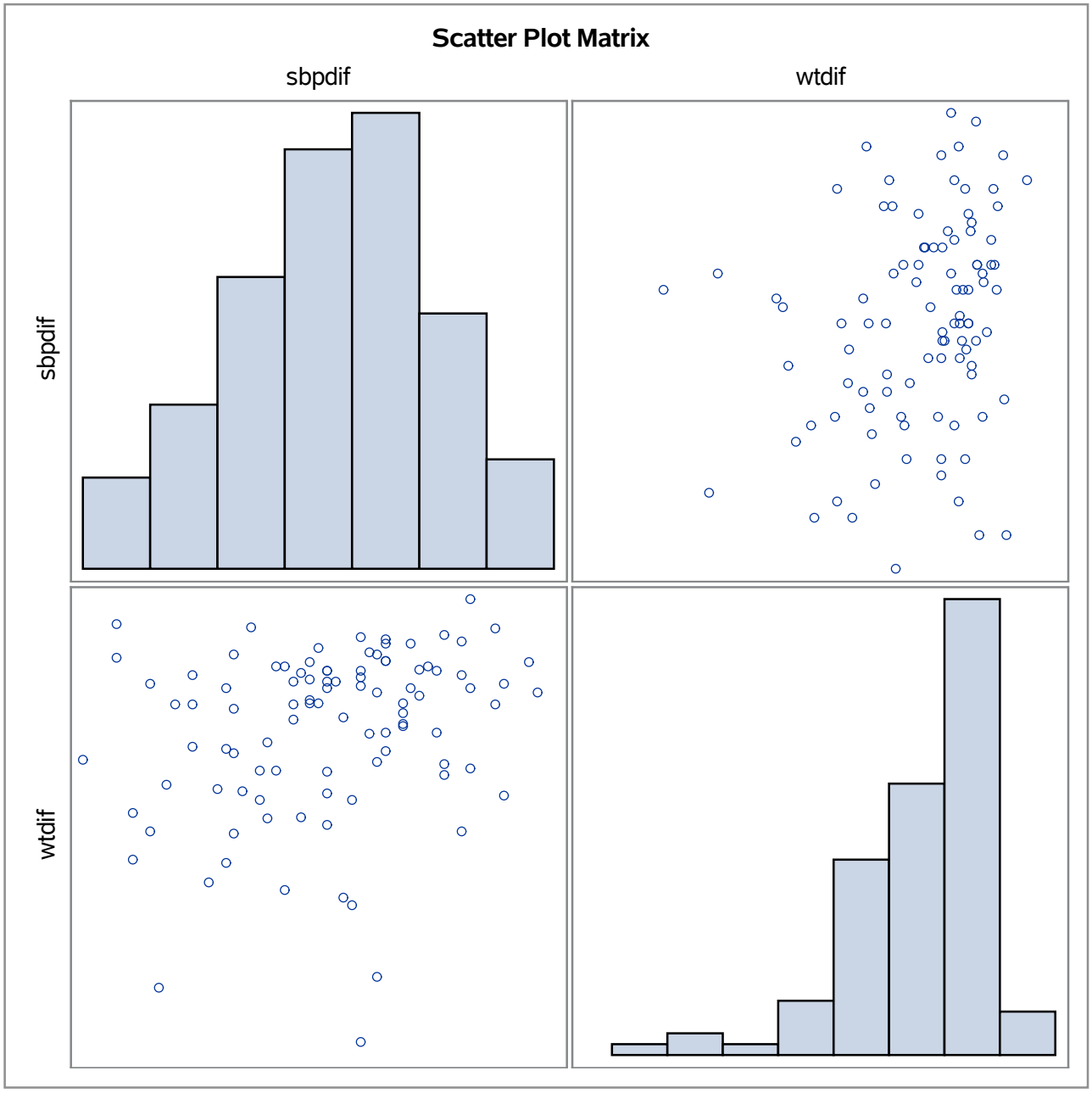
2 Variables:	sbpdif wtdif

Simple Statistics						
Variable	**N**	**Mean**	**Std Dev**	**Sum**	**Minimum**	**Maximum**
sbpdif	98	-14.82653	12.32048	-1453	-44.00000	10.00000
wtdif	98	-11.51122	10.00913	-1128	-48.50000	4.00000

Pearson Correlation Coefficients, N = 98 Prob > |r| under H0: Rho=0		
	sbpdif	**wtdif**
sbpdif	1.00000	0.24775 0.0139
wtdif	0.24775 0.0139	1.00000

Distribution of Change in Weight by Sex

The CORR Procedure



Distribution of Change in Weight by Sex

The REG Procedure
Model: MODEL1
Dependent Variable: sbpdif

Number of Observations Read	100
Number of Observations Used	98
Number of Observations with Missing Values	2

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	903.73873	903.73873	6.28	0.0139
Error	96	13820	143.96159		
Corrected Total	97	14724			

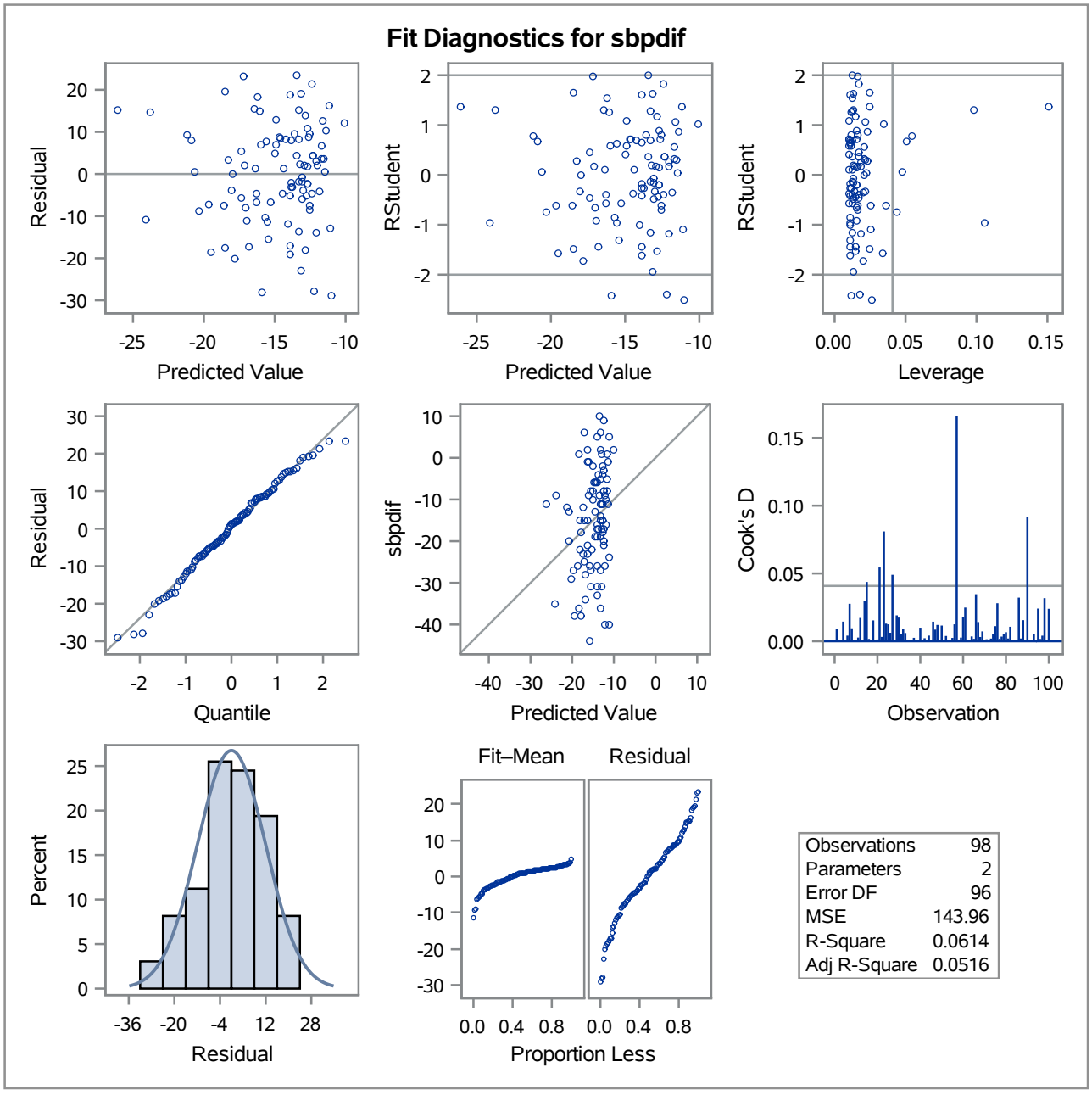
Root MSE	11.99840	**R-Square**	0.0614
Dependent Mean	-14.82653	**Adj R-Sq**	0.0516
Coeff Var	-80.92520		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	-11.31610	1.85257	-6.11	<.0001
wtdif	1	0.30496	0.12171	2.51	0.0139

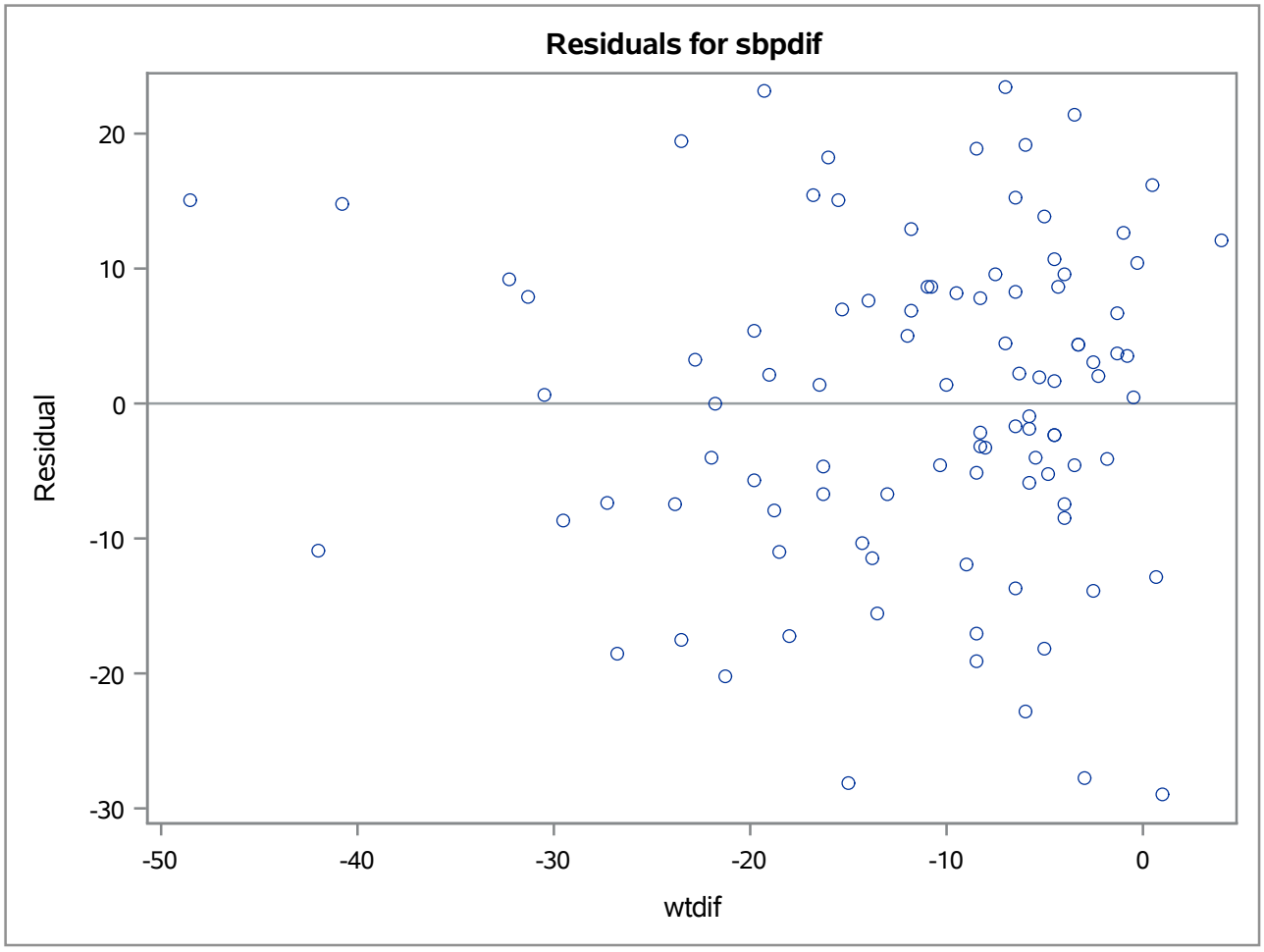
Distribution of Change in Weight by Sex

The REG Procedure
Model: MODEL1
Dependent Variable: sbpdif



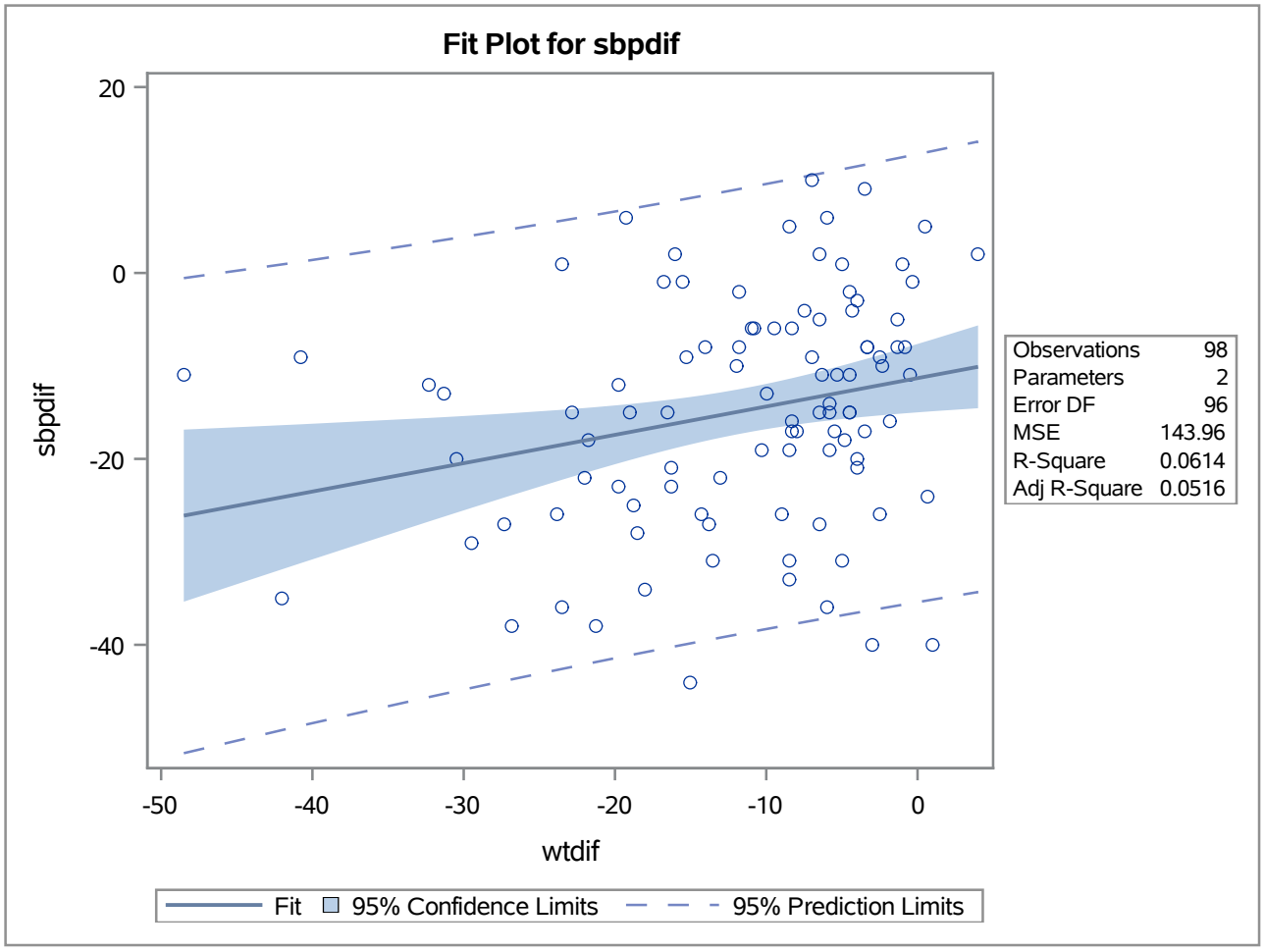
Distribution of Change in Weight by Sex

The REG Procedure
Model: MODEL1
Dependent Variable: sbpdif



Distribution of Change in Weight by Sex

The REG Procedure
Model: MODEL1
Dependent Variable: sbpdif



Distribution of Change in Weight by Sex

The UNIVARIATE Procedure
Variable: wtdif

Moments			
N	98	**Sum Weights**	98
Mean	-11.511224	**Sum Observations**	-1128.1
Std Deviation	10.0091286	**Variance**	100.182656
Skewness	-1.3215315	**Kurtosis**	1.93002663
Uncorrected SS	22703.53	**Corrected SS**	9717.71765
Coeff Variation	-86.951033	**Std Error Mean**	1.01107468

Basic Statistical Measures			
Location		**Variability**	
Mean	-11.5112	**Std Deviation**	10.00913
Median	-8.4000	**Variance**	100.18266
Mode	-8.5000	**Range**	52.50000
		Interquartile Range	12.00000

Note: The mode displayed is the smallest of 3 modes with a count of 4.

Tests for Location: Mu0=0				
Test	**Statistic**		**p Value**	
Student's t	**t**	-11.3851	**Pr > |t|**	<.0001
Sign	**M**	-45	**Pr >= |M|**	<.0001
Signed Rank	**S**	-2392	**Pr >= |S|**	<.0001

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	4.0
99%	4.0
95%	-0.3
90%	-1.3
75% Q3	-4.5
50% Median	-8.4
25% Q1	-16.5
10%	-23.8
5%	-31.3
1%	-48.5
0% Min	-48.5

Distribution of Change in Weight by Sex

The UNIVARIATE Procedure
Variable: wtdif

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-48.5	57	-0.3	32
-42.0	21	0.5	100
-40.8	90	0.7	88
-32.3	60	1.0	23
-31.3	48	4.0	29

Missing Values			
		Percent Of	
Missing Value	Count	All Obs	Missing Obs
.	2	2.00	100.00

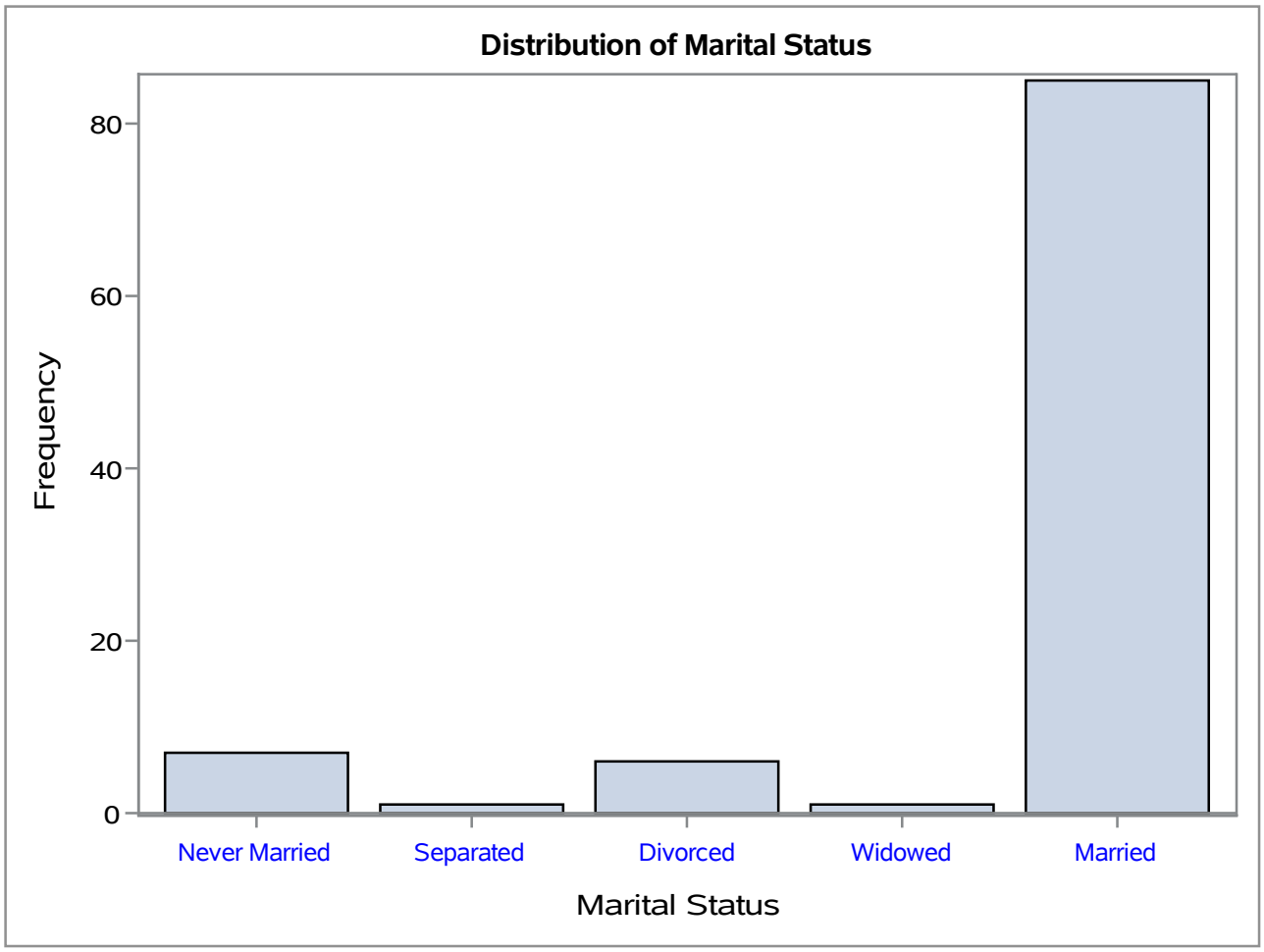
Distribution of Change in Weight by Sex

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Table of marital by sex

marital(Marital Status - Form 25 Q5)	sex(1=Male 2=Female) 1	2	Total
1	4 4.00 57.14 5.48	3 3.00 42.86 11.11	7 7.00
2	1 1.00 100.00 1.37	0 0.00 0.00 0.00	1 1.00
3	3 3.00 50.00 4.11	3 3.00 50.00 11.11	6 6.00
4	1 1.00 100.00 1.37	0 0.00 0.00 0.00	1 1.00
5	64 64.00 75.29 87.67	21 21.00 24.71 77.78	85 85.00
Total	73 73.00	27 27.00	100 100.00


Distribution of Marital Status
Frequency
80
60
40
20
0
Never Married
Separated
Divorced
Widowed
Married
Marital Status