

The UNIVARIATE Procedure
 Variable: WEIGHT (Weight (lbs))

Moments

N	20	Sum Weights	20
Mean	139.6	Sum Observations	2792
Std Deviation	43.1221033	Variance	1859.51579
Skewness	0.50338536	Kurtosis	-0.8471784
Uncorrected SS	425094	Corrected SS	35330.8
Coeff Variation	30.8897588	Std Error Mean	9.64239542

Basic Statistical Measures

Location		Variability	
Mean	139.6000	Std Deviation	43.12210
Median	123.5000	Variance	1860
Mode	87.0000	Range	146.00000
		Interquartile Range	68.00000

NOTE: The mode displayed is the smallest of 2 modes with a count of 2.

Tests for Location: Mu0=0

Test	-Statistic-	-----p Value-----	
Student's t	t 14.47773	Pr > t	<.0001
Sign	M 10	Pr >= M	<.0001
Signed Rank	S 105	Pr >= S	<.0001

Quantiles (Definition 5)

Quantile	Estimate
100% Max	228.0
99%	228.0
95%	213.5
90%	197.0
75% Q3	174.5
50% Median	123.5
25% Q1	106.5
10%	87.0
5%	84.5
1%	82.0
0% Min	82.0

The UNIVARIATE Procedure
 Variable: WEIGHT (Weight (lbs))

Extreme Observations

----Lowest----		----Highest---	
Value	Obs	Value	Obs
82	8	190	19
87	20	191	13
87	18	195	11
101	7	199	10
103	5	228	9

Missing Values

Missing Value	Count	-----Percent Of-----	
		All Obs	Missing Obs
.	55	73.33	100.00

The UNIVARIATE Procedure
Variable: wtmin150

Moments

N	20	Sum Weights	20
Mean	-10.4	Sum Observations	-208
Std Deviation	43.1221033	Variance	1859.51579
Skewness	0.50338536	Kurtosis	-0.8471784
Uncorrected SS	37494	Corrected SS	35330.8
Coeff Variation	-414.63561	Std Error Mean	9.64239542

Basic Statistical Measures

Location		Variability	
Mean	-10.4000	Std Deviation	43.12210
Median	-26.5000	Variance	1860
Mode	-63.0000	Range	146.00000
		Interquartile Range	68.00000

NOTE: The mode displayed is the smallest of 2 modes with a count of 2.

Tests for Location: Mu0=0

Test	-Statistic-	-----p Value-----	
Student's t	t -1.07857	Pr > t	0.2943
Sign	M -1	Pr >= M	0.8238
Signed Rank	S -24	Pr >= S	0.3831

Quantiles (Definition 5)

Quantile	Estimate
100% Max	78.0
99%	78.0
95%	63.5
90%	47.0
75% Q3	24.5
50% Median	-26.5
25% Q1	-43.5
10%	-63.0
5%	-65.5
1%	-68.0
0% Min	-68.0

The UNIVARIATE Procedure
 Variable: wtmin150

Extreme Observations

----Lowest----		----Highest---	
Value	Obs	Value	Obs
-68	8	40	19
-63	20	41	13
-63	18	45	11
-49	7	49	10
-47	5	78	9

Missing Values

Missing Value	Count	-----Percent Of-----	
		All Obs	Missing Obs
.	55	73.33	100.00

The REG Procedure
 Model: MODEL1
 Dependent Variable: WEIGHT Weight (lbs)

NOTE: No intercept in model. R-Square is redefined.

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	389763	389763	209.60	<.0001
Error	19	35331	1859.51579		
Uncorrected Total	20	425094			

Root MSE	43.12210	R-Square	0.9169
Dependent Mean	139.60000	Adj R-Sq	0.9125
Coeff Var	30.88976		

Parameter Estimates

Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
ones		1	139.60000	9.64240	14.48	<.0001

The REG Procedure
 Model: MODEL2
 Dependent Variable: wtmin150

NOTE: No intercept in model. R-Square is redefined.

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	2163.20000	2163.20000	1.16	0.2943
Error	19	35331	1859.51579		
Uncorrected Total	20	37494			

Root MSE	43.12210	R-Square	0.0577
Dependent Mean	-10.40000	Adj R-Sq	0.0081
Coeff Var	-414.63561		

Parameter Estimates

Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
ones		1	-10.40000	9.64240	-1.08	0.2943