

The FREQ Procedure

category=A. Basic hematology

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Hemoglobin	94204	30.64	94204	30.64
Leukocyte count	58027	18.88	152231	49.52
Mean corpuscular hemoglobin	37438	12.18	189669	61.70
Mean corpuscular hemoglobin concentration	24576	7.99	214245	69.69
Mean corpuscular volume	37433	12.18	251678	81.87
Platelet count	55728	18.13	307406	100.00

The FREQ Procedure

category=B. Special hematology

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Basophiles	2009	3.49	2009	3.49
Eosinophile count	2009	3.49	4018	6.98
Erythrocyte count	37434	65.03	41452	72.01
Lymphocyte count	2009	3.49	43461	75.50
Metamyelocyte count	386	0.67	43847	76.17
Monocyte count	2009	3.49	45856	79.66
Myelocyte count	368	0.64	46224	80.29
Neutrophile count	11344	19.71	57568	100.00

The FREQ Procedure

category=C. Hemolysis

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Bilirubin	22806	74.49	22806	74.49
Haptoglobin	388	1.27	23194	75.76
Lactate dehydrogenase	6894	22.52	30088	98.28
Reticulocyte count	527	1.72	30615	100.00

The FREQ Procedure

category=D. Liver tests

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
ALP	6810	8.96	6810	8.96
ALT	17242	22.68	24052	31.64
AST	15654	20.59	39706	52.23
Albumin	23486	30.89	63192	83.12
Conjugated bilirubin	4937	6.49	68129	89.62
Glutamyl transferase	7895	10.38	76024	100.00

The FREQ Procedure

category=E. Electrolytes

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Calcium	13061	8.30	13061	8.30
Chloride	21442	13.63	34503	21.94
Free Calcium	20658	13.13	55161	35.07
Osmolality	6647	4.23	61808	39.30
Potassium	48089	30.58	109897	69.88
Sodium	47379	30.12	157276	100.00

The FREQ Procedure

category=F. Kidney function

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Creatinine	51770	65.59	51770	65.59
Standard bicarbonate	20586	26.08	72356	91.68
eGFR	6570	8.32	78926	100.00

The FREQ Procedure

category=G. Blood gases

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Base Excess	10387	9.02	10387	9.02
CO-Hb	14398	12.50	24785	21.52
Carbon Dioxide	1094	0.95	25879	22.47
Lactate	19155	16.63	45034	39.10
Methemoglobin	15892	13.80	60926	52.90
PaCO2	16808	14.59	77734	67.50
PaO2	16802	14.59	94536	82.09
pH	20628	17.91	115164	100.00

The FREQ Procedure

category=H. Inflammation

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
CRP	48864	99.82	48864	99.82
Sedimentation rate	90	0.18	48954	100.00

The FREQ Procedure

category=I. Iron status

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Ferritin	2628	63.42	2628	63.42
Iron	1457	35.16	4085	98.58
Transferrin	59	1.42	4144	100.00

The FREQ Procedure

category=J. Cardiac markers

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NT-ProBNP	845	14.24	845	14.24
Troponin I	605	10.19	1450	24.43
Troponin T	4486	75.57	5936	100.00

The FREQ Procedure

category=K. Coagulation

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Fibrinogen	14106	21.41	14106	21.41
INR	28806	43.73	42912	65.14
aPTT	22967	34.86	65879	100.00

The FREQ Procedure

category=L. Others

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Glucose	45578	94.20	45578	94.20
HbA1c	197	0.41	45775	94.61
Triglycerides	2609	5.39	48384	100.00

The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Hemoglobin

Moments			
N	94204	Sum Weights	94204
Mean	7.7298947	Sum Observations	728187
Std Deviation	13.4349742	Variance	180.498532
Skewness	-0.4435926	Kurtosis	375.388923
Uncorrected SS	22632312.1	Corrected SS	17003503.3
Coeff Variation	173.805398	Std Error Mean	0.04377258

Basic Statistical Measures			
Location		Variability	
Mean	7.729895	Std Deviation	13.43497
Median	8.000000	Variance	180.49853
Mode	8.000000	Range	1737
		Interquartile Range	13.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	176.5922	Pr > t	<.0001
Sign	M	26896	Pr >= M	<.0001
Signed Rank	S	1.4321E9	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	859
99%	41
95%	28
90%	22
75% Q3	14
50% Median	8
25% Q1	1
10%	-6
5%	-12
1%	-29
0% Min	-878

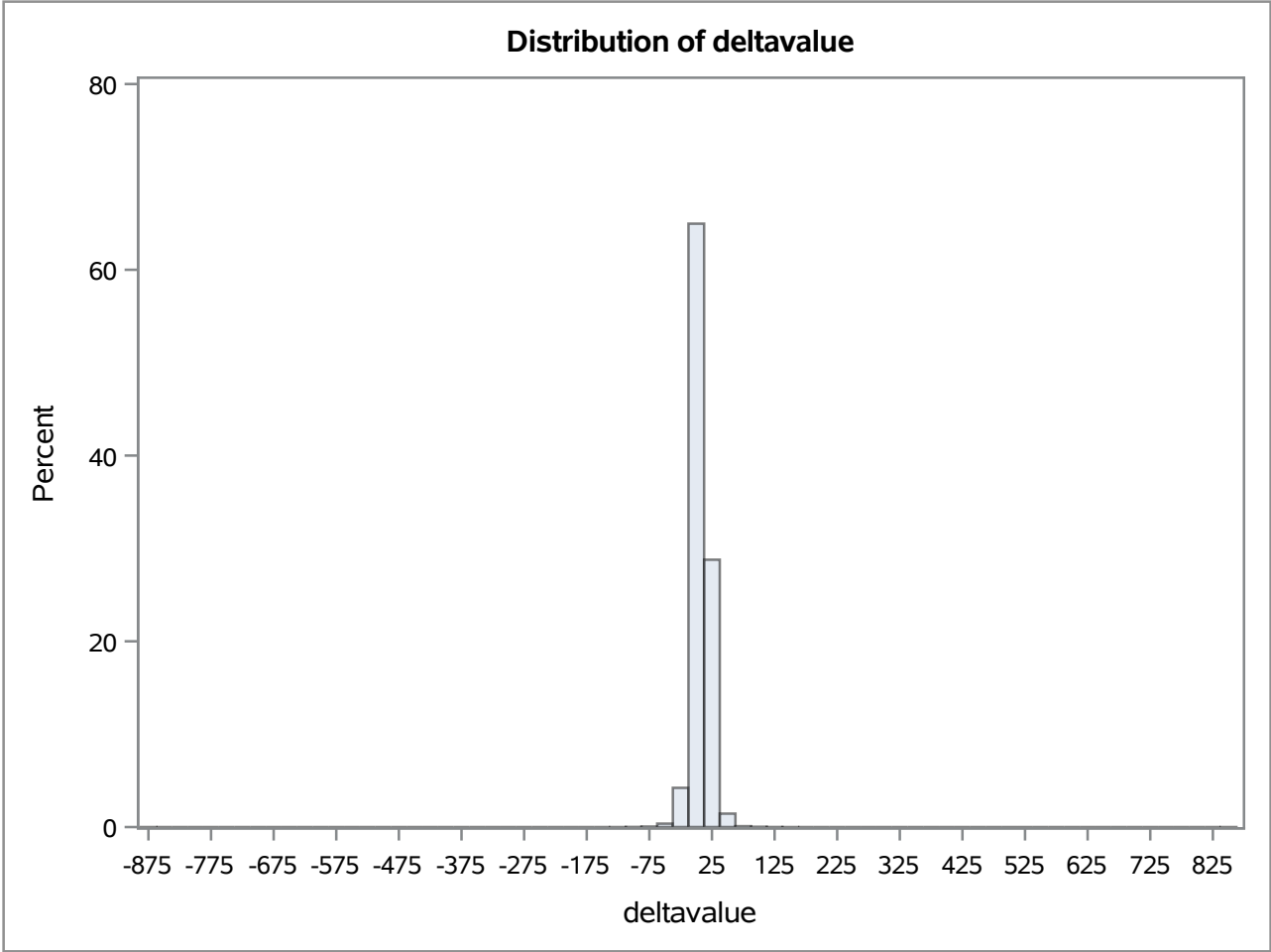
The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Hemoglobin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-878.0	69928	119	6332
-113.9	4602	123	91758
-106.0	2772	126	39918
-100.0	75336	145	11958
-100.0	69956	859	39087

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Hemoglobin



The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Leukocyte count

Moments			
N	58027	Sum Weights	58027
Mean	-0.2607459	Sum Observations	-15130.3
Std Deviation	4.82306562	Variance	23.261962
Skewness	-6.6182103	Kurtosis	298.377918
Uncorrected SS	1353743.77	Corrected SS	1349798.61
Coeff Variation	-1849.719	Std Error Mean	0.02002203

Basic Statistical Measures			
Location		Variability	
Mean	-0.26075	Std Deviation	4.82307
Median	0.00000	Variance	23.26196
Mode	0.00000	Range	415.00000
		Interquartile Range	2.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-13.0229	Pr > t 	<.0001
Sign	M	-804.5	Pr >= M 	<.0001
Signed Rank	S	-4.383E7	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	183.0
99%	10.9
95%	5.0
90%	3.0
75% Q3	1.0
50% Median	0.0
25% Q1	-1.3
10%	-3.5
5%	-5.4
1%	-12.0
0% Min	-232.0

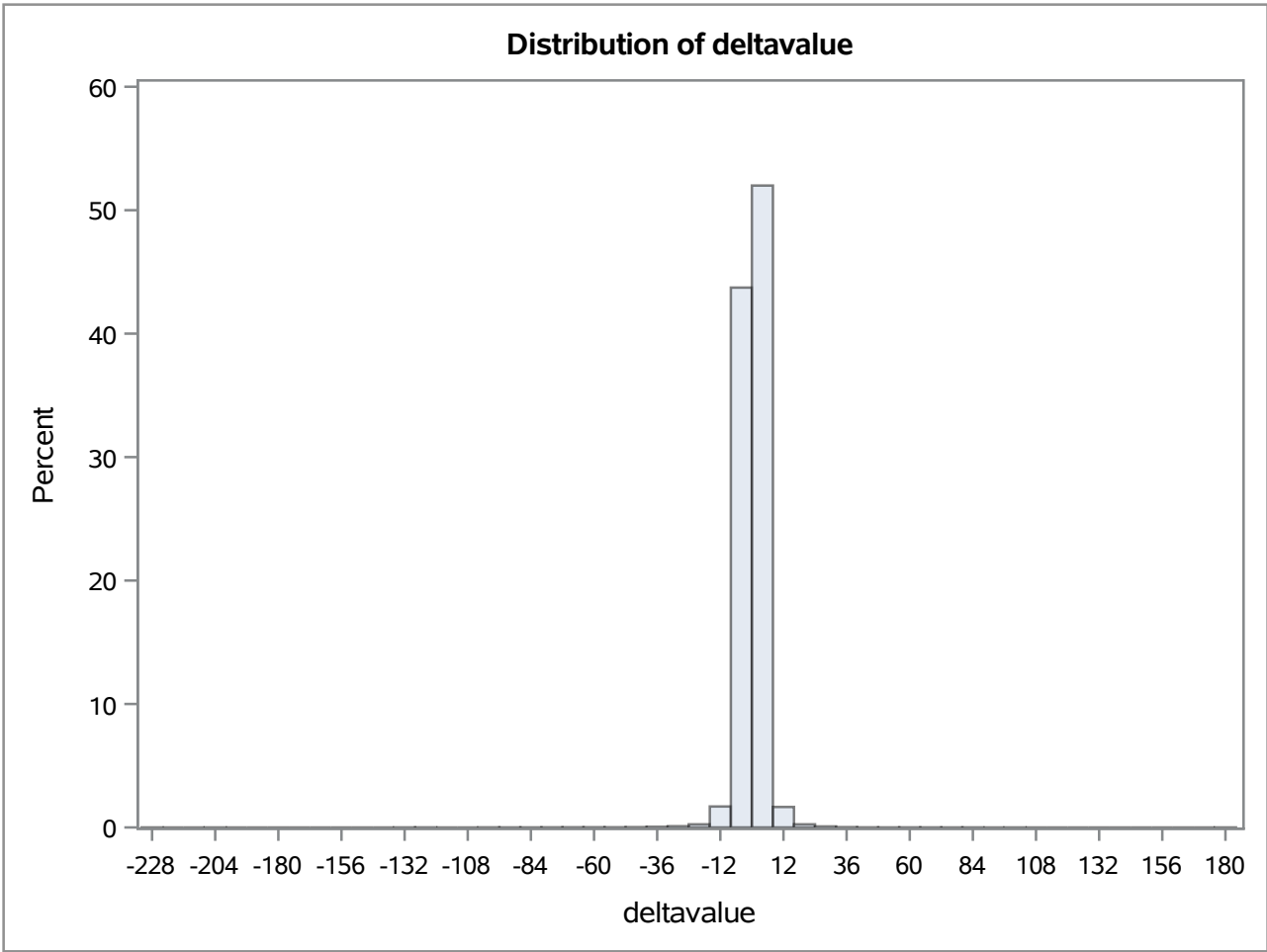
The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Leukocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-232	108982	77	138624
-206	110296	81	100350
-134	107263	81	135524
-132	138623	98	144491
-126	107262	183	133064

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Leukocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin

Moments			
N	37438	Sum Weights	37438
Mean	0.04554196	Sum Observations	1705
Std Deviation	0.97943912	Variance	0.95930098
Skewness	-14.368759	Kurtosis	1362.3244
Uncorrected SS	35991	Corrected SS	35913.351
Coeff Variation	2150.63001	Std Error Mean	0.00506199

Basic Statistical Measures			
Location		Variability	
Mean	0.045542	Std Deviation	0.97944
Median	0.000000	Variance	0.95930
Mode	0.000000	Range	117.00000
		Interquartile Range	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	8.996853	Pr > t	<.0001
Sign	M	698	Pr >= M	<.0001
Signed Rank	S	6553901	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	35
99%	2
95%	1
90%	1
75% Q3	1
50% Median	0
25% Q1	0
10%	-1
5%	-1
1%	-2
0% Min	-82

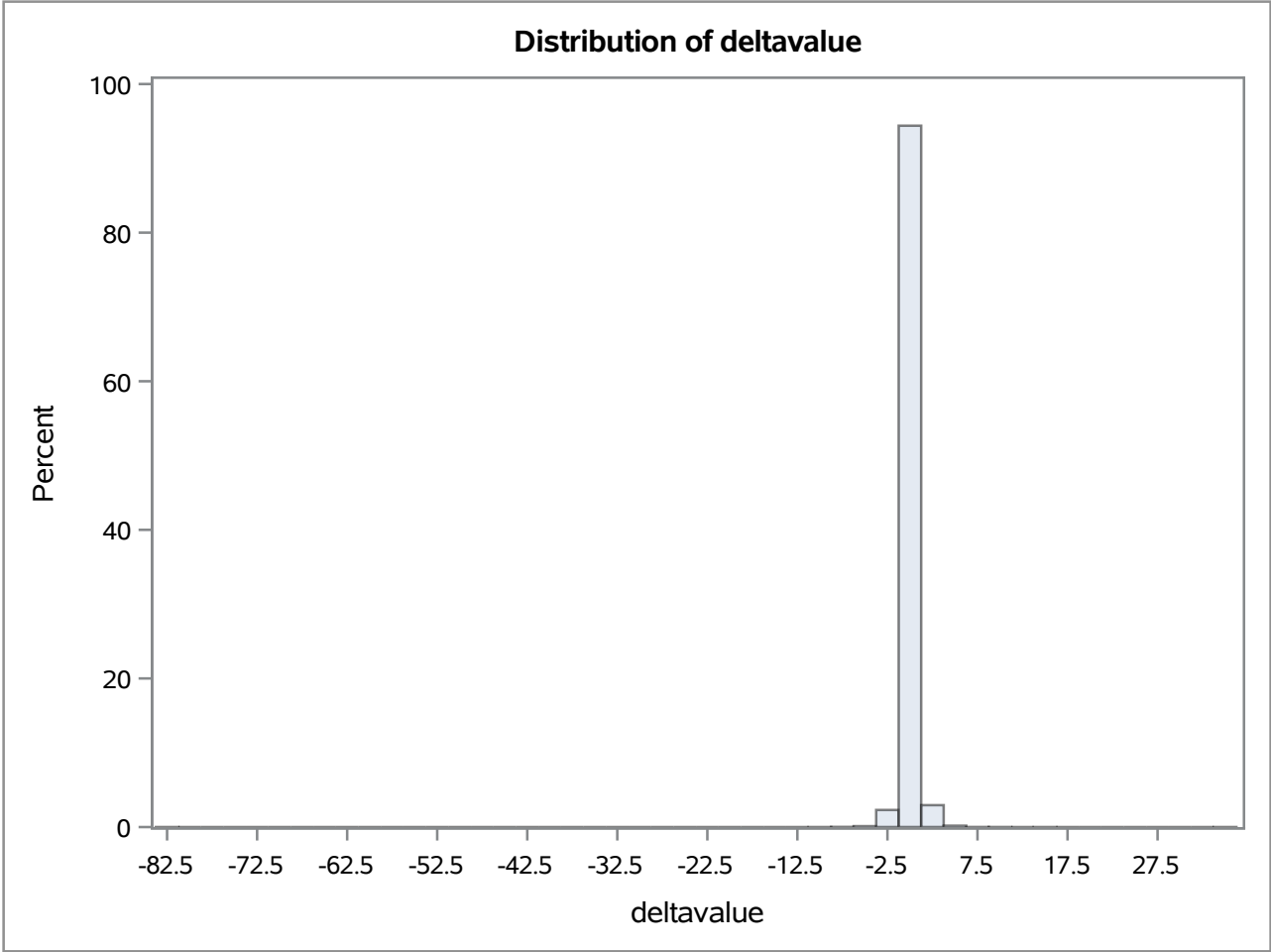
The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-82	155928	9	158353
-10	181152	9	183468
-8	185236	11	162272
-8	164393	14	180746
-7	176122	35	172126

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin



The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin concentration

Moments			
N	24576	Sum Weights	24576
Mean	2.03173828	Sum Observations	49932
Std Deviation	9.15213175	Variance	83.7615155
Skewness	2.341865	Kurtosis	80.9246445
Uncorrected SS	2159888	Corrected SS	2058439.24
Coeff Variation	450.458203	Std Error Mean	0.05838035

Basic Statistical Measures			
Location		Variability	
Mean	2.031738	Std Deviation	9.15213
Median	2.000000	Variance	83.76152
Mode	0.000000	Range	419.00000
		Interquartile Range	10.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	34.80175	Pr > t	<.0001
Sign	M	2373	Pr >= M	<.0001
Signed Rank	S	36401975	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	343
99%	25
95%	16
90%	13
75% Q3	7
50% Median	2
25% Q1	-3
10%	-8
5%	-12
1%	-20
0% Min	-76

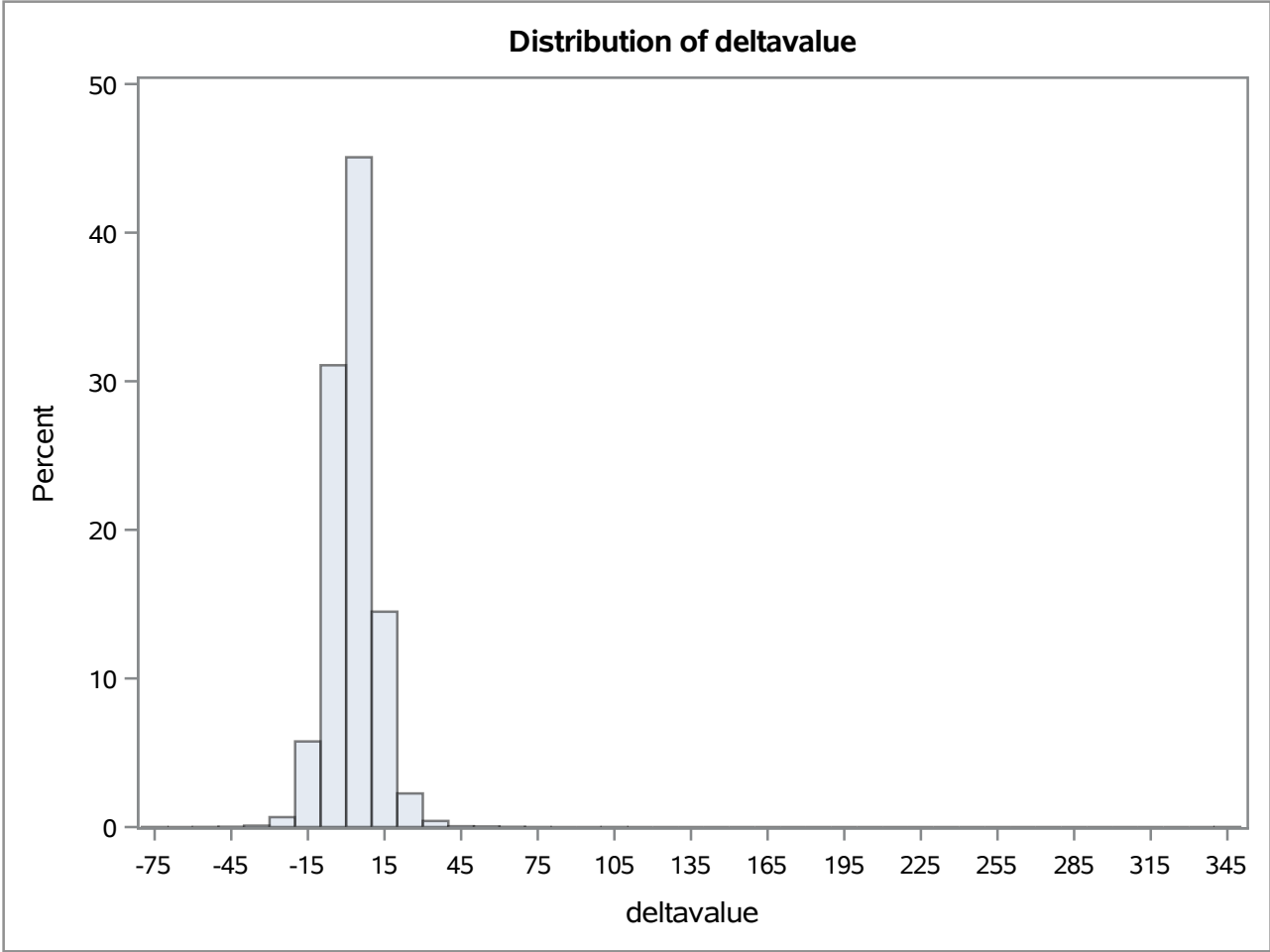
The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin concentration

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-76	199481	64	196447
-59	202424	67	203849
-56	193646	77	194637
-50	195538	104	211313
-46	199759	343	202857

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin concentration



The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular volume

Moments			
N	37433	Sum Weights	37433
Mean	-0.3926215	Sum Observations	-14697
Std Deviation	2.28012967	Variance	5.19899129
Skewness	-0.3587368	Kurtosis	20.8322961
Uncorrected SS	200379	Corrected SS	194608.642
Coeff Variation	-580.74501	Std Error Mean	0.01178507

Basic Statistical Measures			
Location		Variability	
Mean	-0.39262	Std Deviation	2.28013
Median	0.00000	Variance	5.19899
Mode	0.00000	Range	96.00000
		Interquartile Range	3.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-33.3152	Pr > t 	<.0001
Sign	M	-2532	Pr >= M 	<.0001
Signed Rank	S	-4.767E7	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	54
99%	5
95%	3
90%	2
75% Q3	1
50% Median	0
25% Q1	-2
10%	-3
5%	-4
1%	-7
0% Min	-42

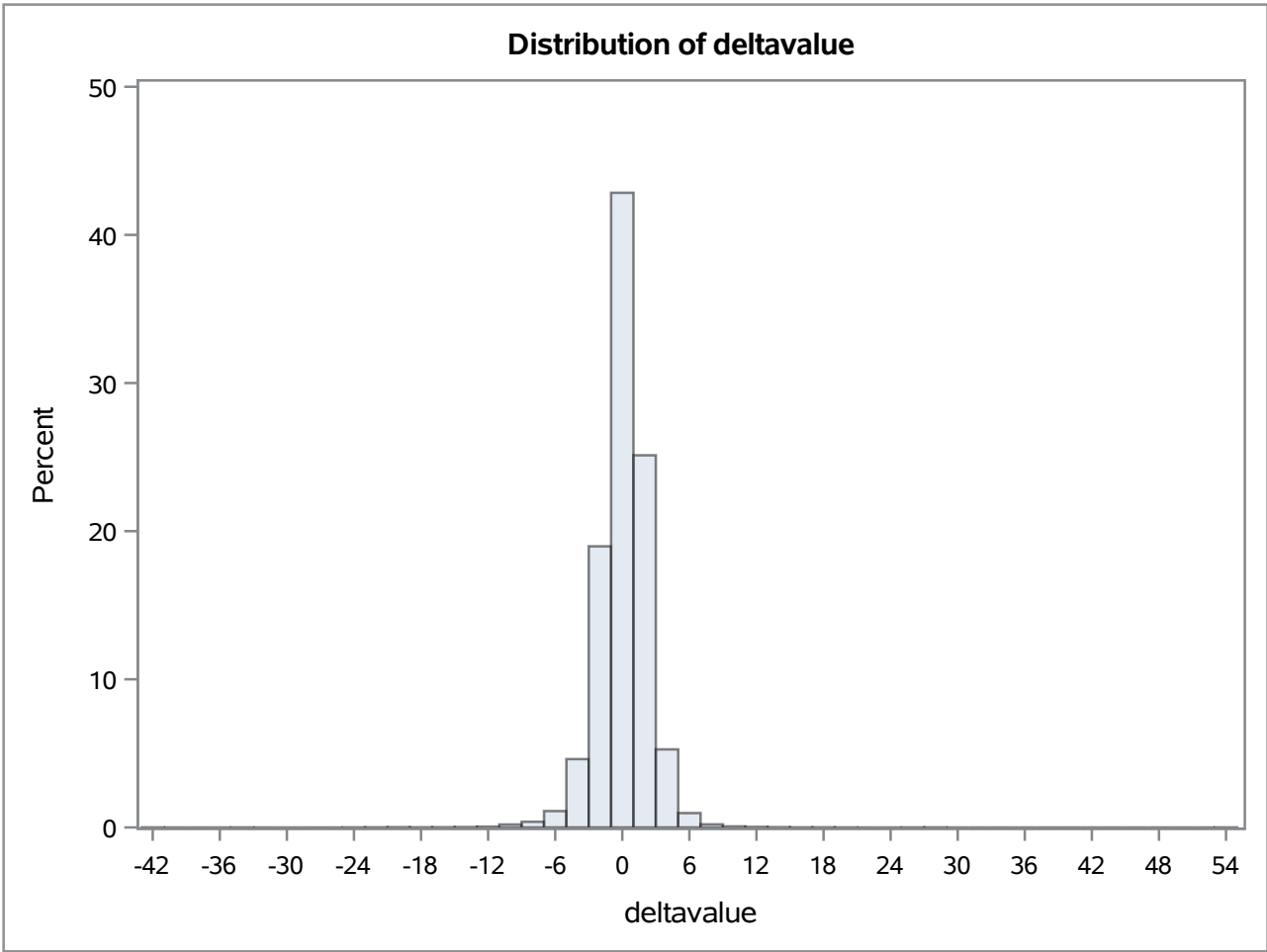
The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular volume

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-42	247283	20	245479
-34	221912	25	224285
-25	227553	27	229107
-24	243672	28	242756
-23	239882	54	222722

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Mean corpuscular volume



The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Platelet count

Moments			
N	55728	Sum Weights	55728
Mean	-5.5372883	Sum Observations	-308582
Std Deviation	44.3460153	Variance	1966.56907
Skewness	-0.3050705	Kurtosis	55.00243
Uncorrected SS	111299702	Corrected SS	109590995
Coeff Variation	-800.8616	Std Error Mean	0.18785289

Basic Statistical Measures			
Location		Variability	
Mean	-5.53729	Std Deviation	44.34602
Median	-3.00000	Variance	1967
Mode	0.00000	Range	1783
		Interquartile Range	34.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-29.4767	Pr > t	<.0001
Sign	M	-3506.5	Pr >= M	<.0001
Signed Rank	S	-1.166E8	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	889
99%	97
95%	52
90%	35
75% Q3	13
50% Median	-3
25% Q1	-21
10%	-48
5%	-72
1%	-134
0% Min	-894

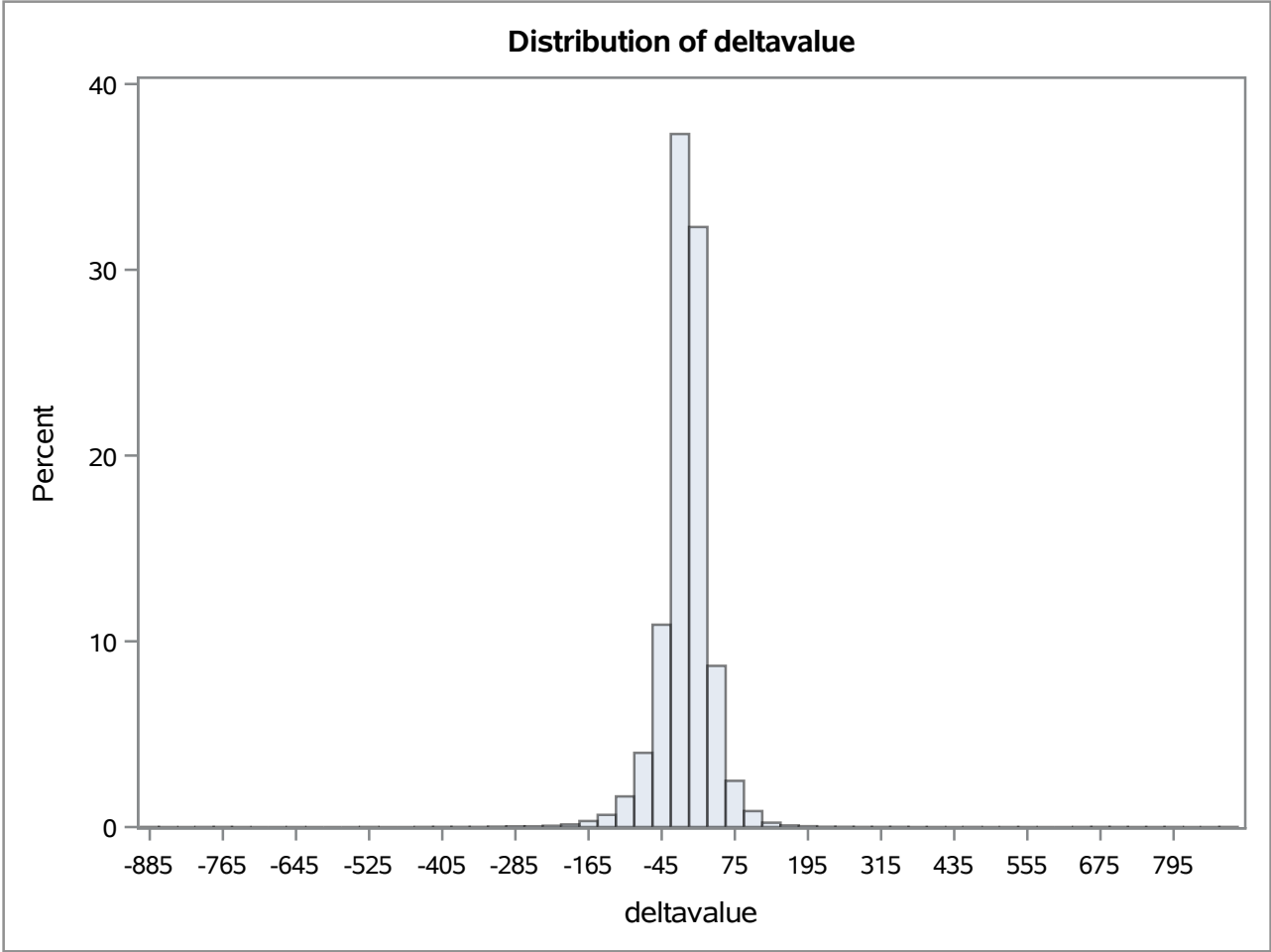
The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Platelet count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-894	256177	786	304273
-887	304326	858	299690
-880	282175	883	264550
-861	268366	884	297465
-797	281571	889	293233

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Platelet count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Basophiles

Moments			
N	2009	Sum Weights	2009
Mean	-0.0038328	Sum Observations	-7.7
Std Deviation	0.33029361	Variance	0.10909387
Skewness	3.04149262	Kurtosis	133.348138
Uncorrected SS	219.09	Corrected SS	219.060488
Coeff Variation	-8617.6605	Std Error Mean	0.00736903

Basic Statistical Measures			
Location		Variability	
Mean	-0.00383	Std Deviation	0.33029
Median	0.00000	Variance	0.10909
Mode	0.00000	Range	11.00000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.52012	Pr > t 	0.6030
Sign	M	3.5	Pr >= M 	0.7251
Signed Rank	S	1383.5	Pr >= S 	0.3347

Quantiles (Definition 5)	
Level	Quantile
100% Max	7.0
99%	1.0
95%	0.1
90%	0.0
75% Q3	0.0
50% Median	0.0
25% Q1	0.0
10%	0.0
5%	-0.1
1%	-1.0
0% Min	-4.0

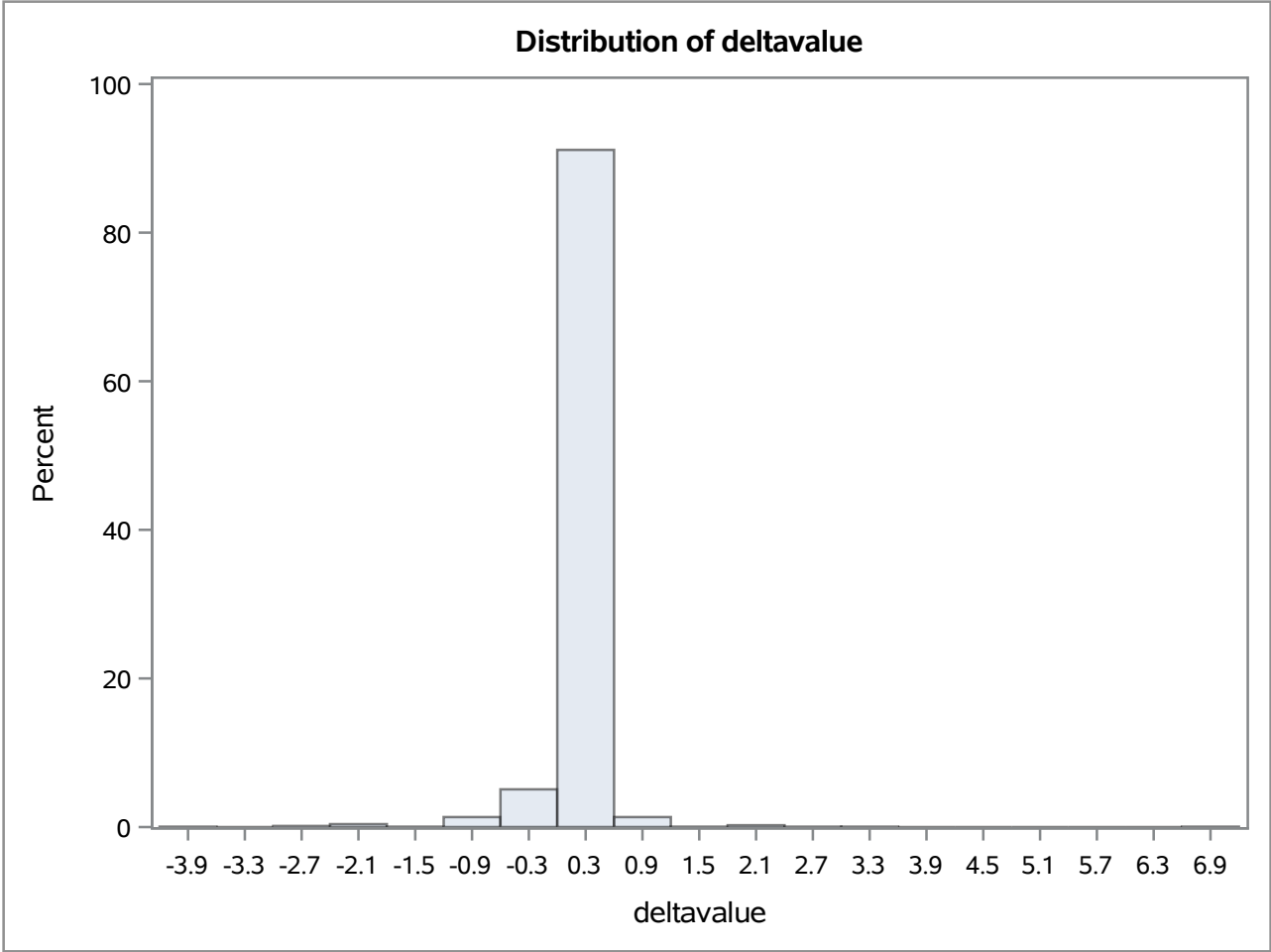
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Basophiles

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-4.0	309331	2.0	308758
-3.0	308456	2.0	309137
-3.0	308079	2.4	308446
-2.7	308457	3.0	308501
-2.0	309239	7.0	308455

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Basophiles



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Eosinophile count

Moments			
N	2009	Sum Weights	2009
Mean	0.00706819	Sum Observations	14.2
Std Deviation	0.34025977	Variance	0.11577671
Skewness	-5.0523224	Kurtosis	150.449823
Uncorrected SS	232.58	Corrected SS	232.479632
Coeff Variation	4813.95684	Std Error Mean	0.00759138

Basic Statistical Measures			
Location		Variability	
Mean	0.007068	Std Deviation	0.34026
Median	0.000000	Variance	0.11578
Mode	0.000000	Range	11.00000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0.931082	Pr > t	0.3519
Sign	M	53	Pr >= M	<.0001
Signed Rank	S	25811	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	5.0
99%	0.7
95%	0.3
90%	0.2
75% Q3	0.0
50% Median	0.0
25% Q1	0.0
10%	-0.1
5%	-0.2
1%	-0.7
0% Min	-6.0

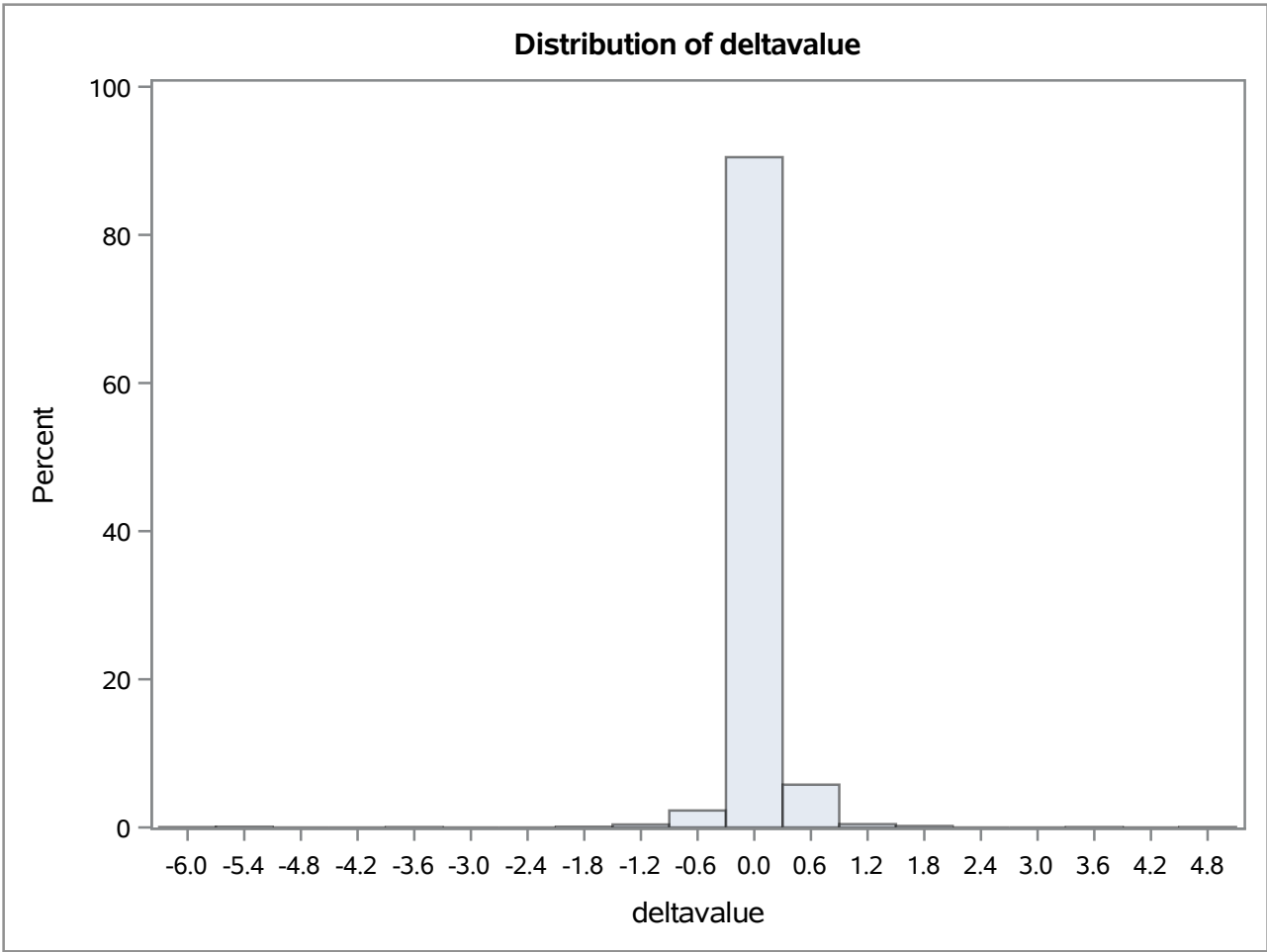
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Eosinophile count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-6.0	310286	1.5	310132
-5.6	310528	1.7	309499
-5.2	310020	1.7	310022
-3.6	310017	3.8	310529
-2.0	311206	5.0	310943

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Eosinophile count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Erythrocyte count

Moments			
N	37434	Sum Weights	37434
Mean	0.22462734	Sum Observations	8408.7
Std Deviation	0.43423987	Variance	0.18856426
Skewness	-0.0908714	Kurtosis	3.76978718
Uncorrected SS	8947.35	Corrected SS	7058.52605
Coeff Variation	193.315676	Std Error Mean	0.00224438

Basic Statistical Measures			
Location		Variability	
Mean	0.224627	Std Deviation	0.43424
Median	0.200000	Variance	0.18856
Mode	0.000000	Range	7.40000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	100.0843	Pr > t	<.0001
Sign	M	9171	Pr >= M	<.0001
Signed Rank	S	1.7888E8	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	4.0
99%	1.3
95%	0.9
90%	0.7
75% Q3	0.4
50% Median	0.2
25% Q1	0.0
10%	-0.2
5%	-0.4
1%	-1.0
0% Min	-3.4

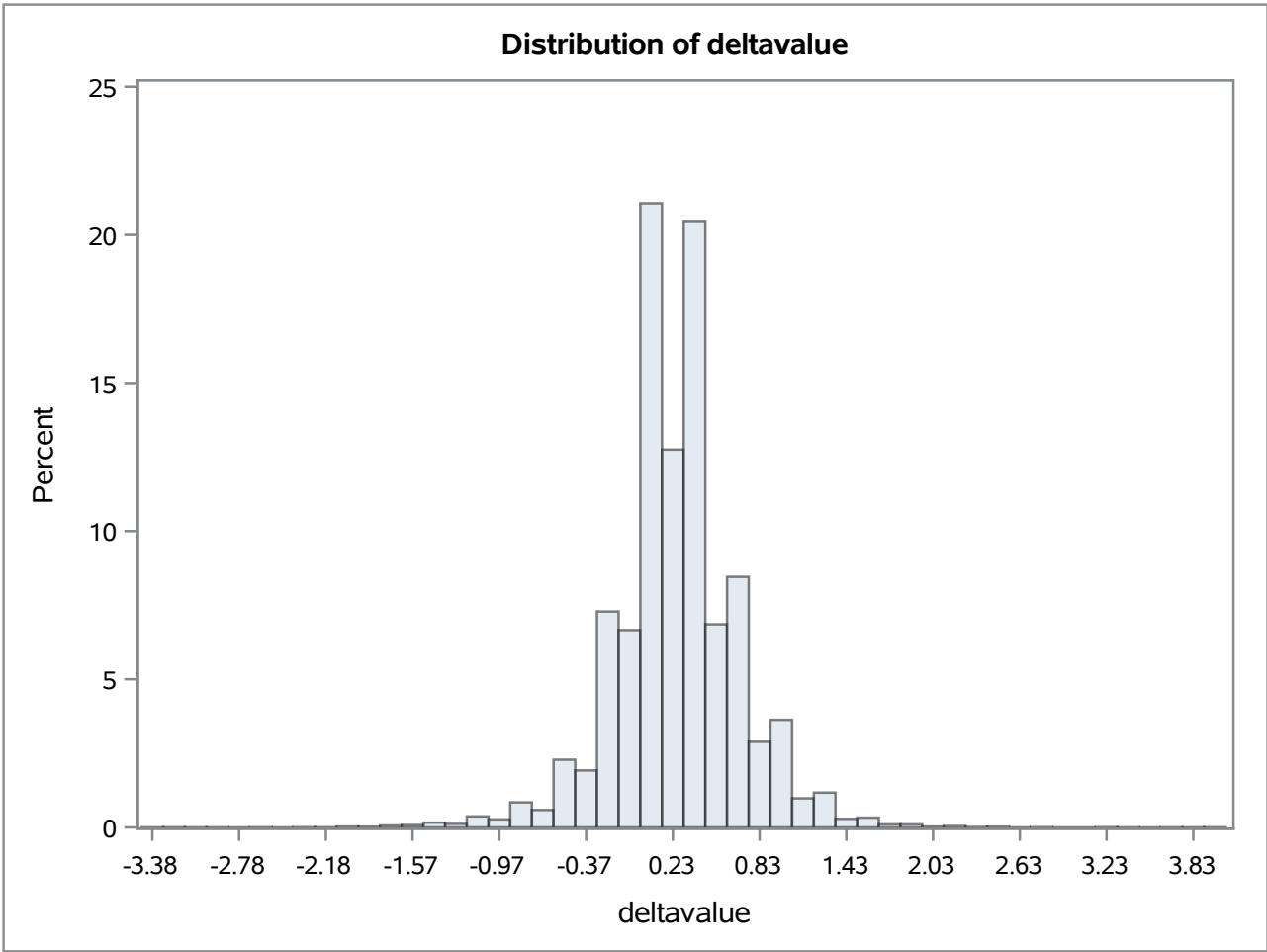
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Erythrocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-3.4	317872	3.3	315570
-3.3	315558	3.6	336512
-3.2	319093	3.8	329566
-3.1	329138	3.9	313936
-2.9	337298	4.0	334353

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Erythrocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Lymphocyte count

Moments			
N	2009	Sum Weights	2009
Mean	-0.2169238	Sum Observations	-435.8
Std Deviation	3.79747928	Variance	14.4208489
Skewness	-3.0513085	Kurtosis	191.413392
Uncorrected SS	29051.6	Corrected SS	28957.0646
Coeff Variation	-1750.6048	Std Error Mean	0.0847238

Basic Statistical Measures			
Location		Variability	
Mean	-0.21692	Std Deviation	3.79748
Median	0.00000	Variance	14.42085
Mode	0.00000	Range	146.00000
		Interquartile Range	0.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-2.56036	Pr > t	0.0105
Sign	M	43.5	Pr >= M	0.0384
Signed Rank	S	18565.5	Pr >= S	0.3696

Quantiles (Definition 5)	
Level	Quantile
100% Max	77.0
99%	4.2
95%	1.3
90%	0.8
75% Q3	0.3
50% Median	0.0
25% Q1	-0.2
10%	-1.0
5%	-2.3
1%	-7.5
0% Min	-69.0

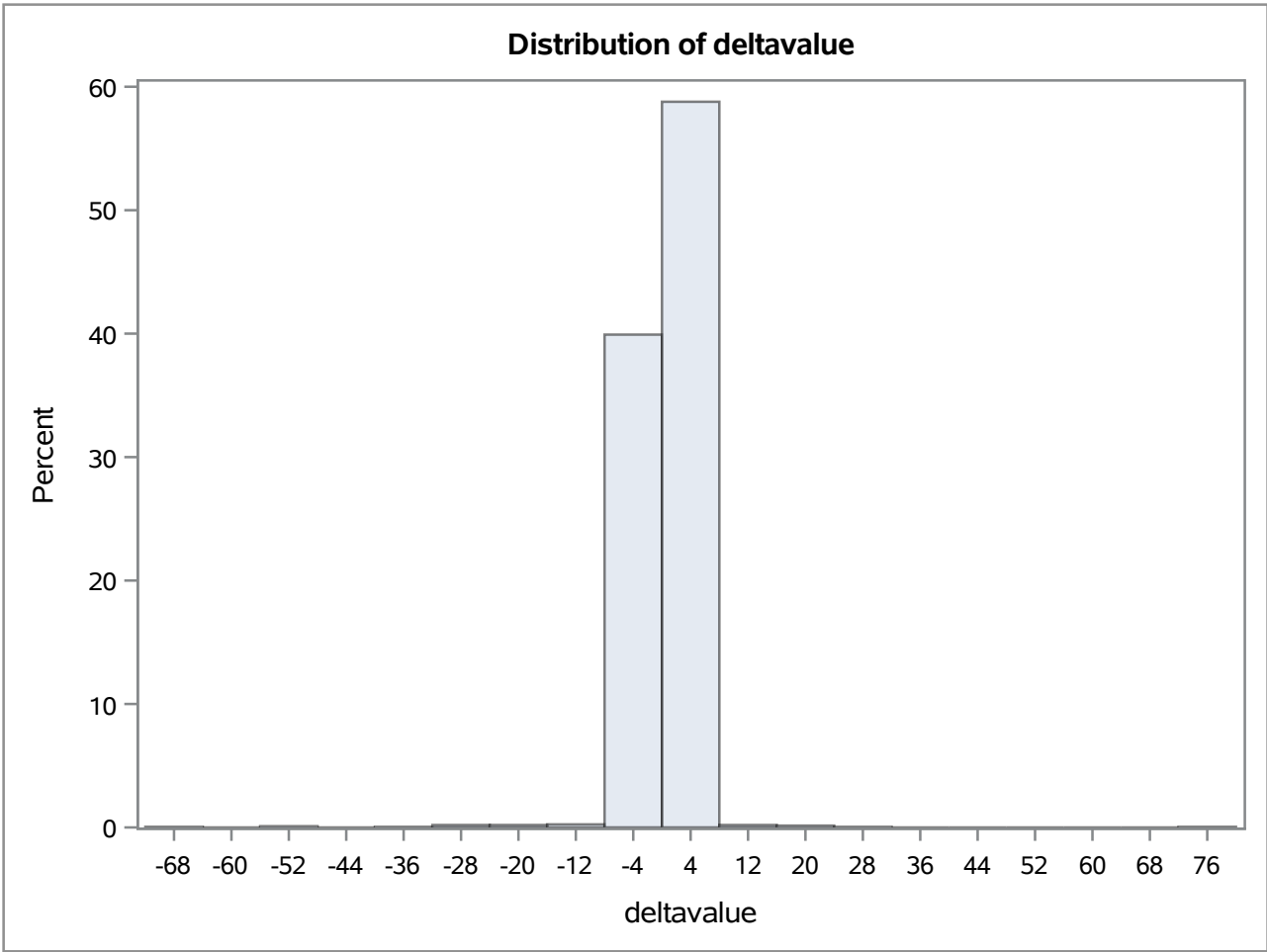
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Lymphocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-69	350624	16.0	350188
-55	349497	16.4	350109
-52	349898	18.0	349795
-39	349927	24.7	350146
-32	349254	77.0	349098

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Lymphocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Metamyelocyte count

Moments			
N	386	Sum Weights	386
Mean	0.05595855	Sum Observations	21.6
Std Deviation	1.1559123	Variance	1.33613323
Skewness	12.857845	Kurtosis	222.477135
Uncorrected SS	515.62	Corrected SS	514.411295
Coeff Variation	2065.65808	Std Error Mean	0.05883439

Basic Statistical Measures			
Location		Variability	
Mean	0.055959	Std Deviation	1.15591
Median	0.000000	Variance	1.33613
Mode	0.000000	Range	23.80000
		Interquartile Range	0.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0.95112	Pr > t 	0.3421
Sign	M	14.5	Pr >= M 	0.0817
Signed Rank	S	1756.5	Pr >= S 	0.1454

Quantiles (Definition 5)	
Level	Quantile
100% Max	19.8
99%	2.0
95%	0.9
90%	0.4
75% Q3	0.2
50% Median	0.0
25% Q1	-0.1
10%	-0.5
5%	-0.9
1%	-1.8
0% Min	-4.0

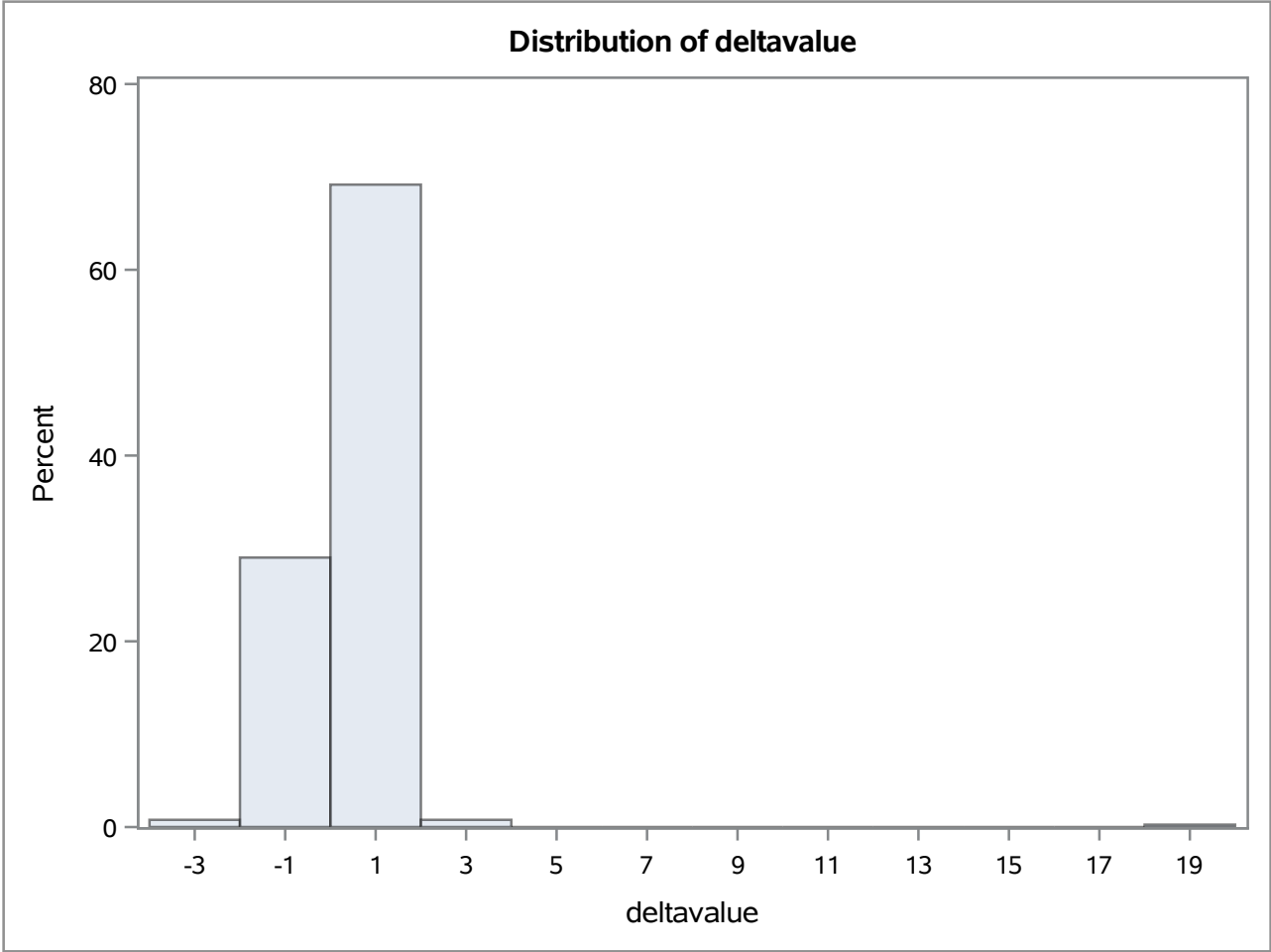
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Metamyelocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-4.0	351115	1.8	351234
-3.2	351078	2.0	350948
-2.2	351059	2.1	350967
-1.8	351157	3.0	351077
-1.8	350923	19.8	351090

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Metamyelocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Monocyte count

Moments			
N	2009	Sum Weights	2009
Mean	-0.0113489	Sum Observations	-22.8
Std Deviation	0.78477204	Variance	0.61586715
Skewness	-4.3812592	Kurtosis	72.443878
Uncorrected SS	1236.92	Corrected SS	1236.66124
Coeff Variation	-6914.9431	Std Error Mean	0.01750869

Basic Statistical Measures			
Location		Variability	
Mean	-0.01135	Std Deviation	0.78477
Median	0.00000	Variance	0.61587
Mode	0.00000	Range	17.00000
		Interquartile Range	0.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.64819	Pr > t	0.5169
Sign	M	57	Pr >= M	0.0029
Signed Rank	S	36217	Pr >= S	0.0222

Quantiles (Definition 5)	
Level	Quantile
100% Max	5.7
99%	1.6
95%	0.7
90%	0.5
75% Q3	0.2
50% Median	0.0
25% Q1	-0.1
10%	-0.5
5%	-0.8
1%	-2.1
0% Min	-11.3

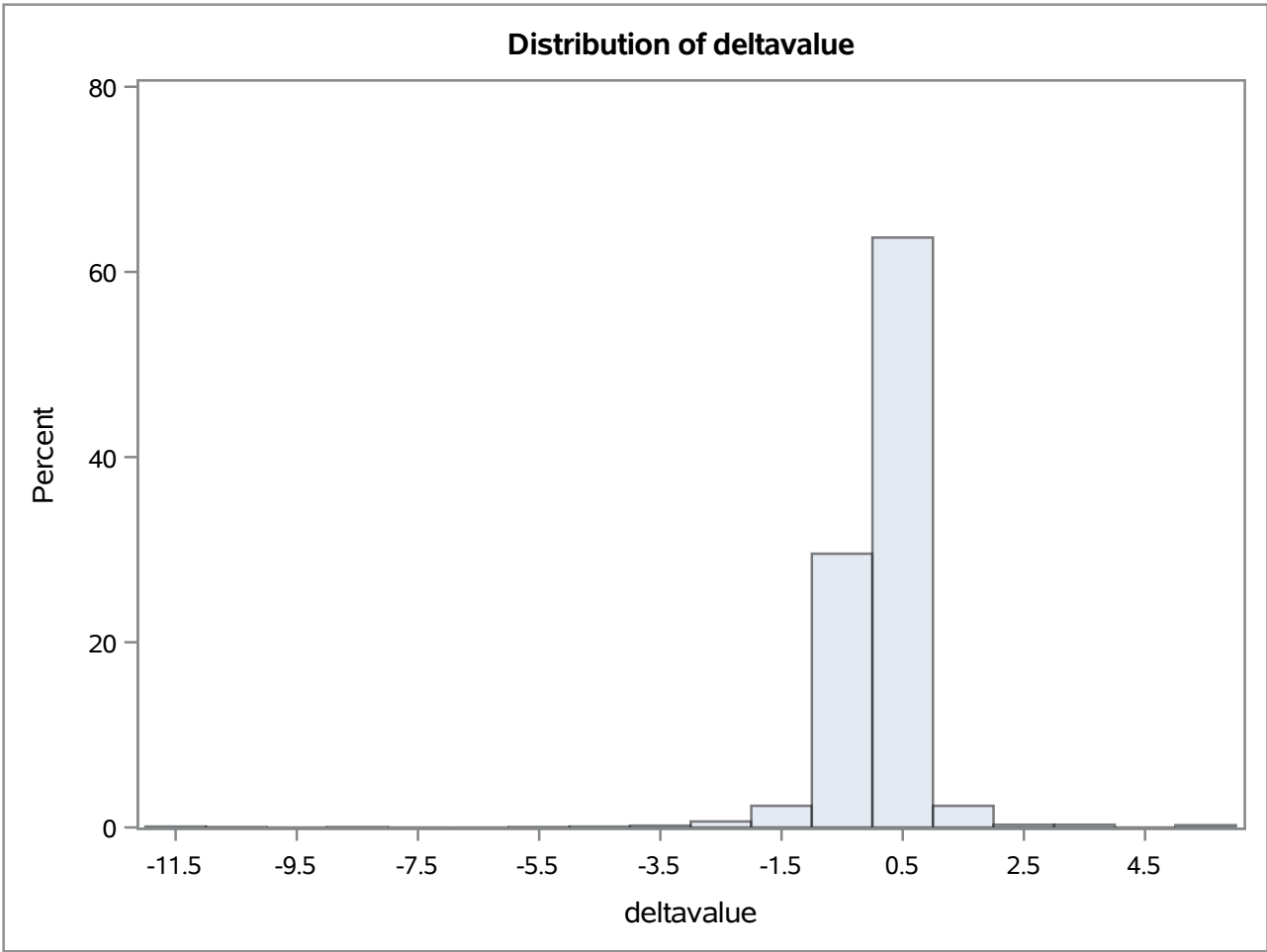
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Monocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-11.3	351718	5.0	352135
-11.1	352313	5.4	351872
-10.2	352367	5.4	352567
-9.0	353252	5.7	352430
-5.5	351549	5.7	353191

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Monocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Myelocyte count

Moments			
N	368	Sum Weights	368
Mean	-0.038587	Sum Observations	-14.2
Std Deviation	1.14679041	Variance	1.31512824
Skewness	-1.7452344	Kurtosis	33.2594508
Uncorrected SS	483.2	Corrected SS	482.652065
Coeff Variation	-2971.9639	Std Error Mean	0.05978058

Basic Statistical Measures			
Location		Variability	
Mean	-0.03859	Std Deviation	1.14679
Median	0.00000	Variance	1.31513
Mode	0.00000	Range	17.20000
		Interquartile Range	0.35000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.64548	Pr > t	0.5190
Sign	M	4	Pr >= M	0.6568
Signed Rank	S	-200	Pr >= S	0.8599

Quantiles (Definition 5)	
Level	Quantile
100% Max	8.20
99%	3.20
95%	0.80
90%	0.40
75% Q3	0.15
50% Median	0.00
25% Q1	-0.20
10%	-0.50
5%	-1.00
1%	-6.40
0% Min	-9.00

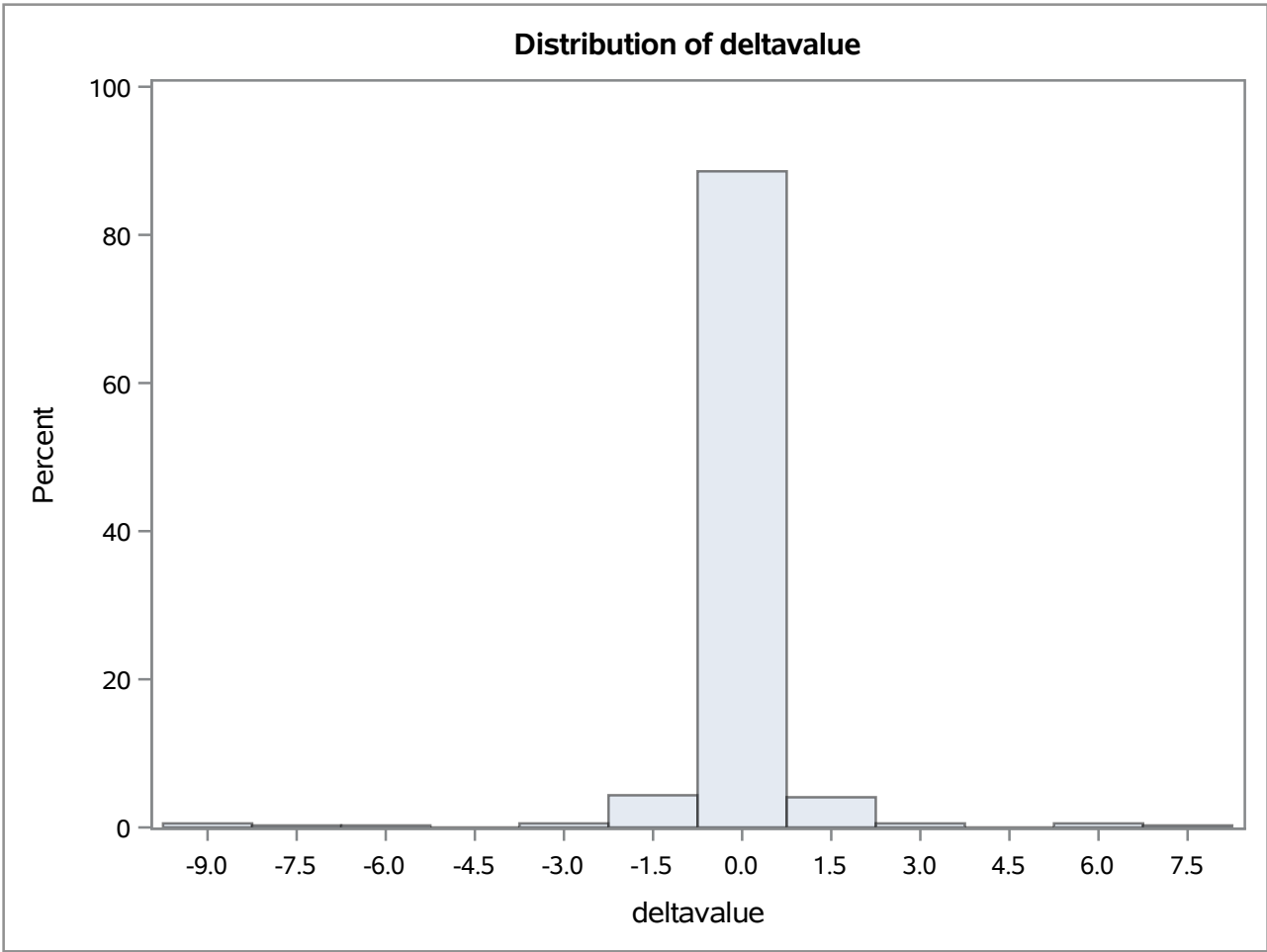
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Myelocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-9.0	353276	2.6	353275
-8.5	353358	3.2	353342
-6.9	353462	5.4	353538
-6.4	353473	6.0	353335
-3.1	353533	8.2	353466

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Myelocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Neutrophile count

Moments			
N	11344	Sum Weights	11344
Mean	-0.0578015	Sum Observations	-655.7
Std Deviation	2.98481758	Variance	8.90913599
Skewness	1.13269249	Kurtosis	33.4514071
Uncorrected SS	101094.23	Corrected SS	101056.33
Coeff Variation	-5163.9119	Std Error Mean	0.02802429

Basic Statistical Measures			
Location		Variability	
Mean	-0.05780	Std Deviation	2.98482
Median	0.00000	Variance	8.90914
Mode	0.00000	Range	101.20000
		Interquartile Range	1.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-2.06255	Pr > t	0.0392
Sign	M	-43	Pr >= M	0.3710
Signed Rank	S	-950224	Pr >= S	0.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	57.2
99%	9.0
95%	4.0
90%	2.2
75% Q3	0.5
50% Median	0.0
25% Q1	-0.8
10%	-2.7
5%	-4.0
1%	-9.0
0% Min	-44.0

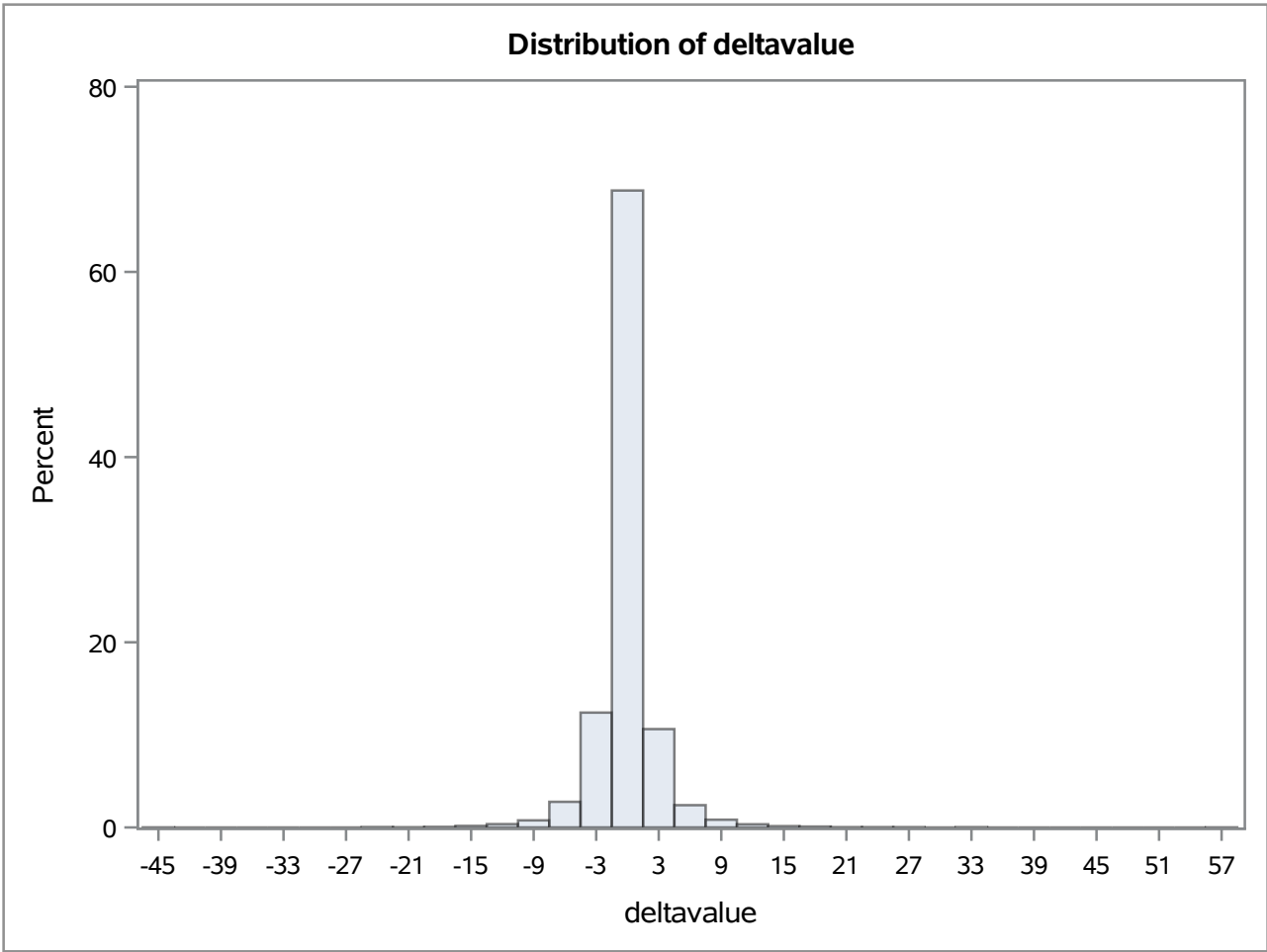
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Neutrophile count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-44	359646	32.4	358440
-24	364639	32.5	363893
-24	361236	32.9	359119
-24	356871	34.0	356875
-23	364800	57.2	360369

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Neutrophile count



The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Bilirubin

Moments			
N	22806	Sum Weights	22806
Mean	1.8691397	Sum Observations	42627.6
Std Deviation	22.6795891	Variance	514.363763
Skewness	7.40601549	Kurtosis	503.59431
Uncorrected SS	11809742.6	Corrected SS	11730065.6
Coeff Variation	1213.37047	Std Error Mean	0.15017949

Basic Statistical Measures			
Location		Variability	
Mean	1.869140	Std Deviation	22.67959
Median	0.000000	Variance	514.36376
Mode	0.000000	Range	1749
		Interquartile Range	8.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	12.44604	Pr > t	<.0001
Sign	M	1023.5	Pr >= M	<.0001
Signed Rank	S	14610875	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	887
99%	61
95%	26
90%	15
75% Q3	5
50% Median	0
25% Q1	-3
10%	-9
5%	-17
1%	-47
0% Min	-862

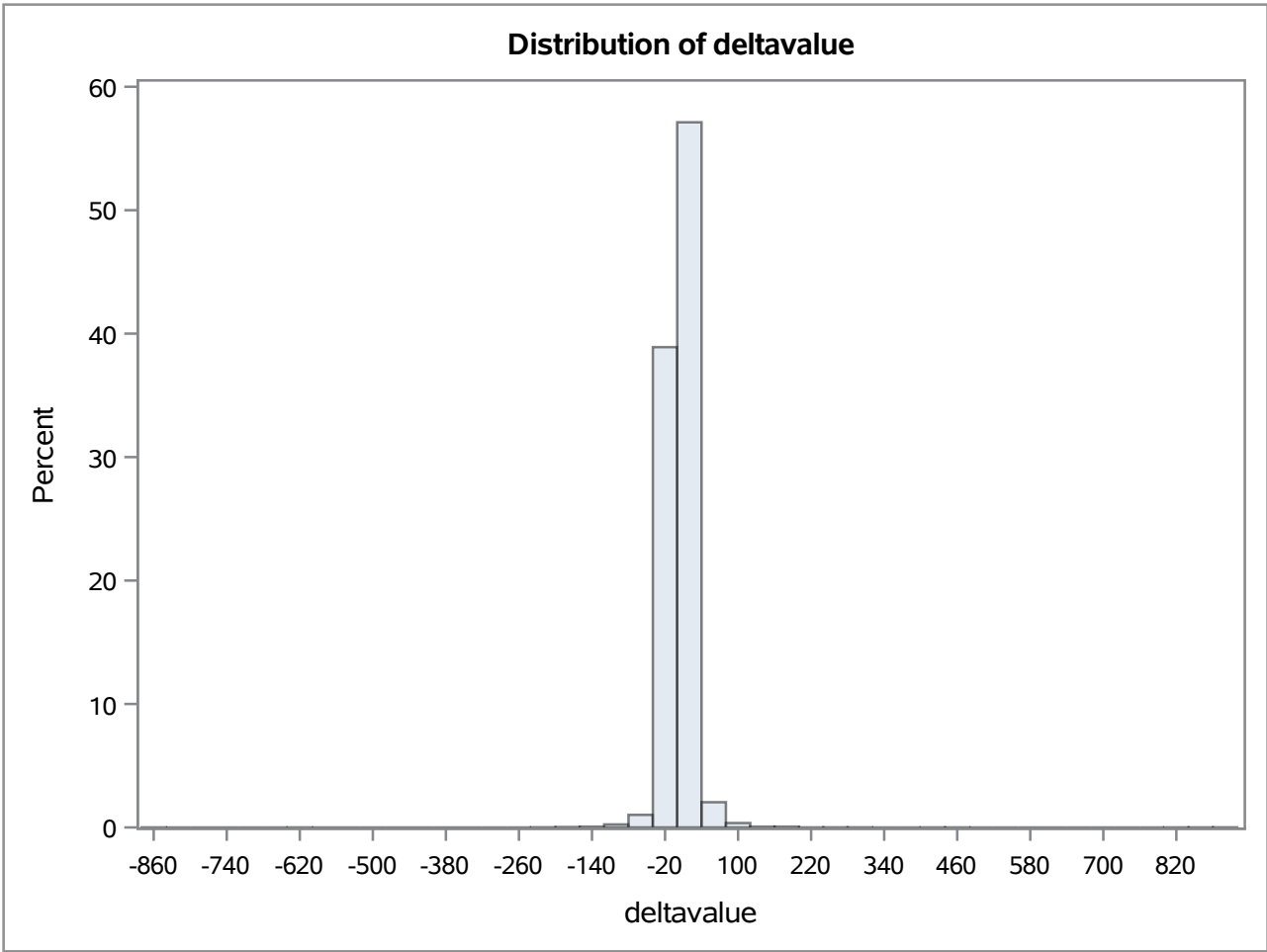
The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Bilirubin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-862	373799	478	387316
-617	385271	822	373798
-238	371590	854	372201
-222	376016	880	366166
-220	372580	887	378251

The UNIVARIATE Procedure

category=C. Hemolysis longlabel=Bilirubin



The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Haptoglobin

Moments			
N	388	Sum Weights	388
Mean	0.04046392	Sum Observations	15.7
Std Deviation	0.23904805	Variance	0.05714397
Skewness	0.80140054	Kurtosis	4.0912532
Uncorrected SS	22.75	Corrected SS	22.1147165
Coeff Variation	590.76843	Std Error Mean	0.01213583

Basic Statistical Measures			
Location		Variability	
Mean	0.040464	Std Deviation	0.23905
Median	0.000000	Variance	0.05714
Mode	0.000000	Range	2.00000
		Interquartile Range	0.10000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3.334253	Pr > t	0.0009
Sign	M	20	Pr >= M	0.0078
Signed Rank	S	2884.5	Pr >= S	0.0016

Quantiles (Definition 5)	
Level	Quantile
100% Max	1.1
99%	0.9
95%	0.5
90%	0.3
75% Q3	0.1
50% Median	0.0
25% Q1	0.0
10%	-0.2
5%	-0.3
1%	-0.6
0% Min	-0.9

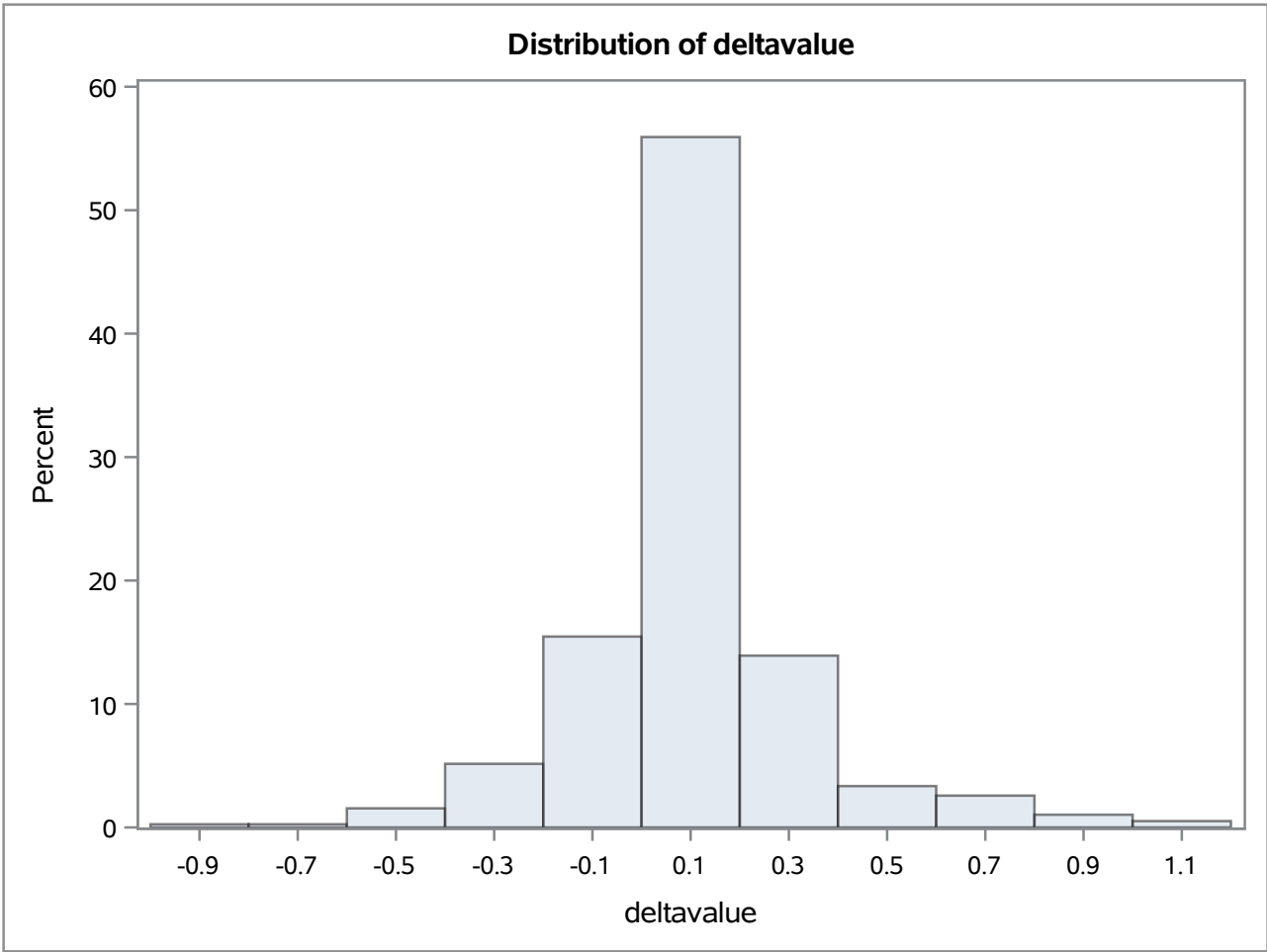
The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Haptoglobin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.9	388022	0.9	387905
-0.8	387835	0.9	387783
-0.6	388009	0.9	388112
-0.6	387813	1.1	388071
-0.5	388083	1.1	388147

The UNIVARIATE Procedure

category=C. Hemolysis longlabel=Haptoglobin



The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Lactate dehydrogenase

Moments			
N	6894	Sum Weights	6894
Mean	-0.5435596	Sum Observations	-3747.3
Std Deviation	11.8406149	Variance	140.200161
Skewness	9.22954886	Kurtosis	483.342609
Uncorrected SS	968436.59	Corrected SS	966399.709
Coeff Variation	-2178.3471	Std Error Mean	0.14260627

Basic Statistical Measures			
Location		Variability	
Mean	-0.54356	Std Deviation	11.84061
Median	-0.10000	Variance	140.20016
Mode	0.00000	Range	666.00000
		Interquartile Range	1.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-3.81161	Pr > t	0.0001
Sign	M	-373	Pr >= M	<.0001
Signed Rank	S	-1664668	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	488.0
99%	22.0
95%	4.0
90%	2.0
75% Q3	0.5
50% Median	-0.1
25% Q1	-1.0
10%	-3.0
5%	-7.0
1%	-34.0
0% Min	-178.0

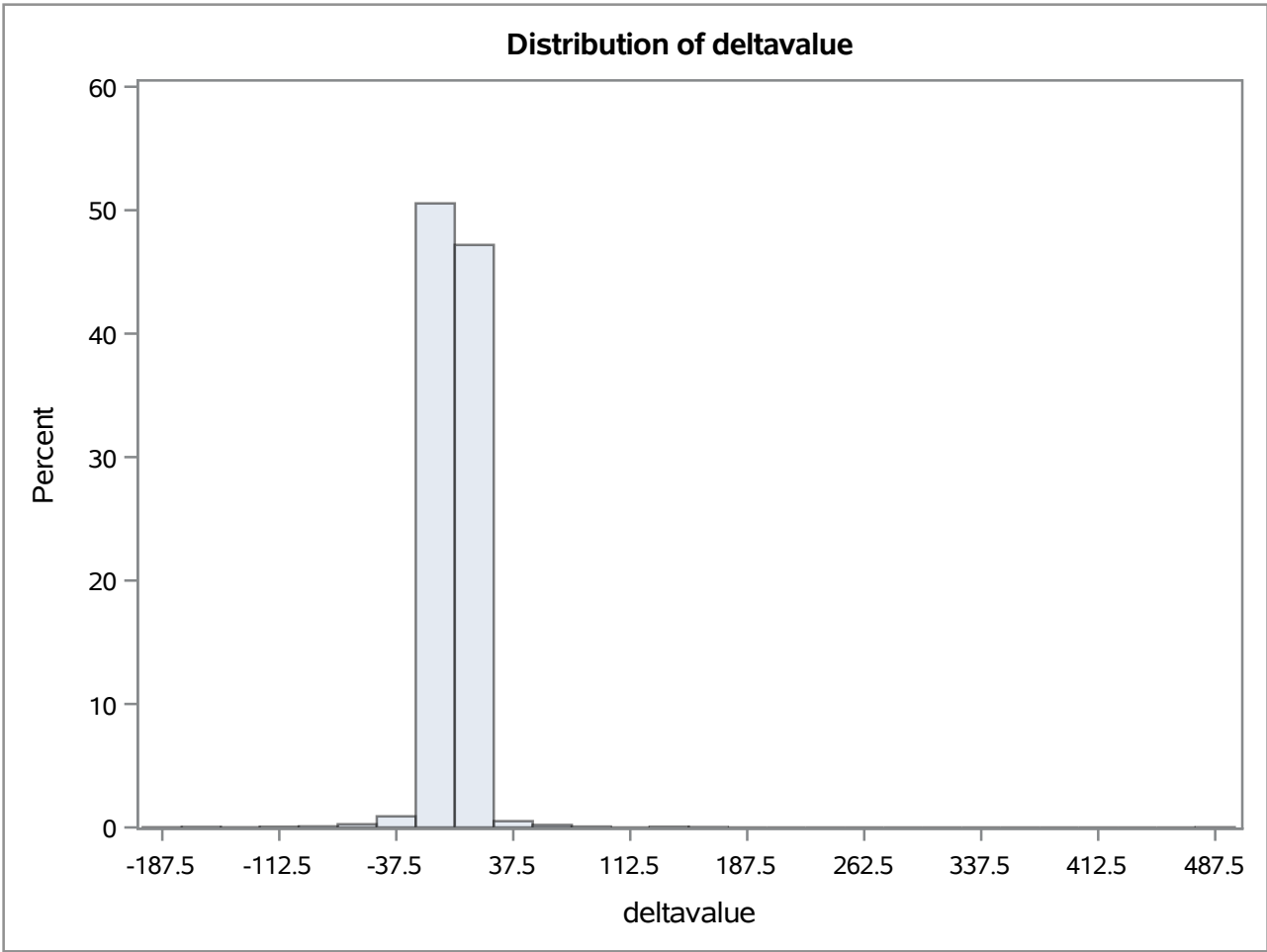
The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Lactate dehydrogenase

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-178	393625	136.9	394106
-169	391430	148.0	393673
-167	392336	173.0	390596
-164	390597	173.0	395038
-150	394465	488.0	393376

The UNIVARIATE Procedure

category=C. Hemolysis longlabel=Lactate dehydrogenase



The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Reticulocyte count

Moments			
N	527	Sum Weights	527
Mean	5.34250474	Sum Observations	2815.5
Std Deviation	29.7035463	Variance	882.300661
Skewness	1.34290598	Kurtosis	14.8388131
Uncorrected SS	479131.97	Corrected SS	464090.148
Coeff Variation	555.985398	Std Error Mean	1.2939068

Basic Statistical Measures			
Location		Variability	
Mean	5.342505	Std Deviation	29.70355
Median	3.000000	Variance	882.30066
Mode	2.000000	Range	396.00000
		Interquartile Range	14.00000

Note: The mode displayed is the smallest of 2 modes with a count of 28.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.128972	Pr > t	<.0001
Sign	M	74	Pr >= M	<.0001
Signed Rank	S	20627.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	222
99%	122
95%	41
90%	29
75% Q3	11
50% Median	3
25% Q1	-3
10%	-17
5%	-30
1%	-80
0% Min	-174

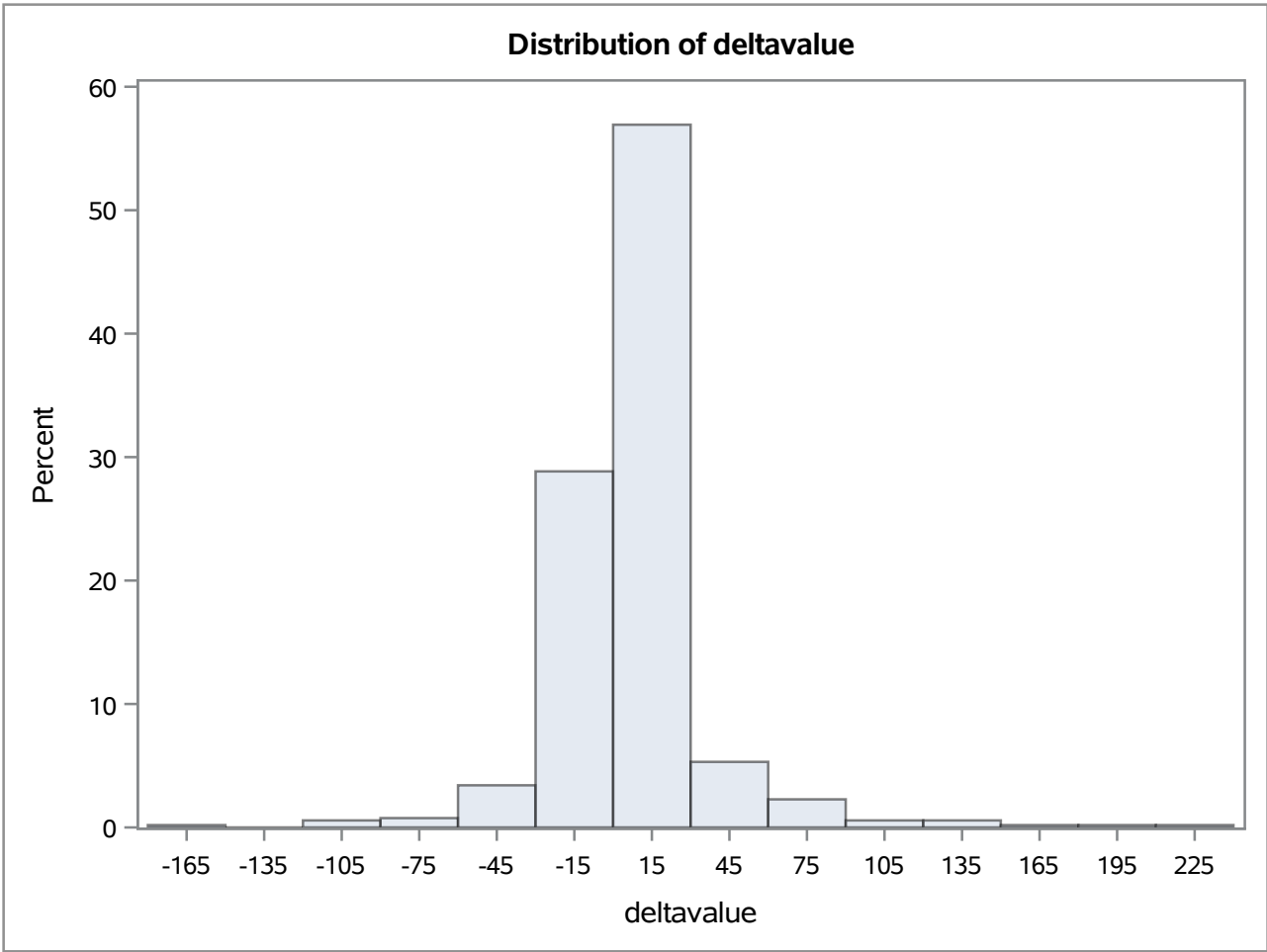
The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Reticulocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-174	395527	122	395251
-115	395297	143	395238
-111	395239	160	395473
-94	395317	194	395580
-84	395158	222	395237

The UNIVARIATE Procedure

category=C. Hemolysis longlabel=Reticulocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=ALP

Moments			
N	6810	Sum Weights	6810
Mean	-0.0263436	Sum Observations	-179.4
Std Deviation	0.9249955	Variance	0.85561668
Skewness	0.77108989	Kurtosis	71.8344044
Uncorrected SS	5830.62	Corrected SS	5825.89396
Coeff Variation	-3511.2705	Std Error Mean	0.01120898

Basic Statistical Measures			
Location		Variability	
Mean	-0.02634	Std Deviation	0.92500
Median	0.00000	Variance	0.85562
Mode	0.00000	Range	33.20000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-2.35022	Pr > t	0.0188
Sign	M	-10.5	Pr >= M	0.7932
Signed Rank	S	-336119	Pr >= S	0.0087

Quantiles (Definition 5)	
Level	Quantile
100% Max	19.2
99%	2.4
95%	1.0
90%	0.5
75% Q3	0.2
50% Median	0.0
25% Q1	-0.2
10%	-0.6
5%	-1.0
1%	-3.0
0% Min	-14.0

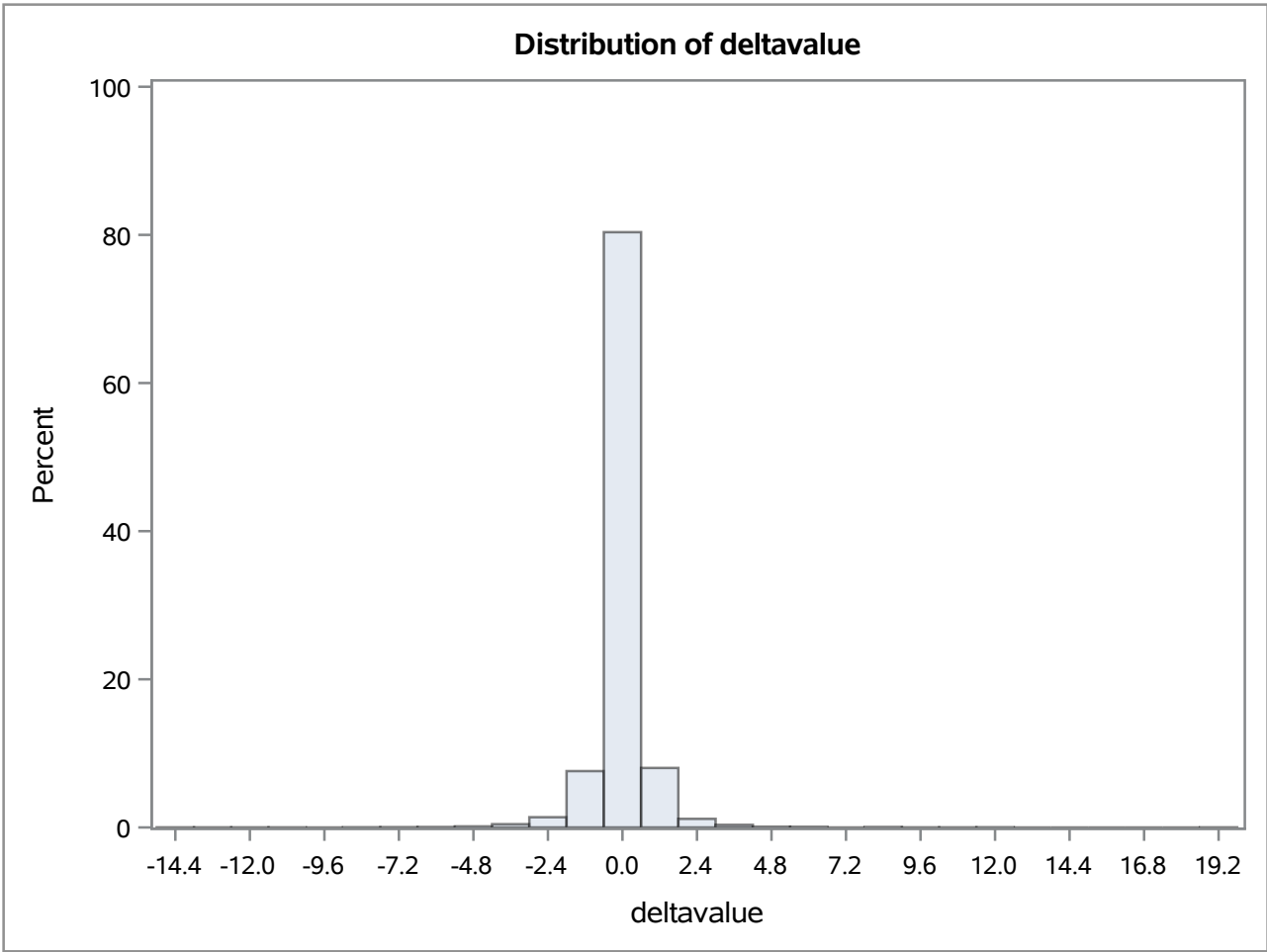
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=ALP

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-14.0	398974	9.0	401800
-13.0	402043	11.0	399233
-11.6	396715	12.0	399816
-11.0	401600	12.0	401203
-9.0	398891	19.2	395989

The UNIVARIATE Procedure

category=D. Liver tests longlabel=ALP



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=ALT

Moments			
N	17242	Sum Weights	17242
Mean	0.06214302	Sum Observations	1071.47
Std Deviation	4.05121594	Variance	16.4123506
Skewness	8.17749261	Kurtosis	247.796253
Uncorrected SS	283031.921	Corrected SS	282965.337
Coeff Variation	6519.18068	Std Error Mean	0.03085259

Basic Statistical Measures			
Location		Variability	
Mean	0.062143	Std Deviation	4.05122
Median	0.000000	Variance	16.41235
Mode	0.000000	Range	226.00000
		Interquartile Range	0.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	2.014192	Pr > t	0.0440
Sign	M	-1068.5	Pr >= M	<.0001
Signed Rank	S	-6791413	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	129.0
99%	11.0
95%	1.2
90%	0.4
75% Q3	0.1
50% Median	0.0
25% Q1	-0.2
10%	-0.7
5%	-1.7
1%	-8.0
0% Min	-97.0

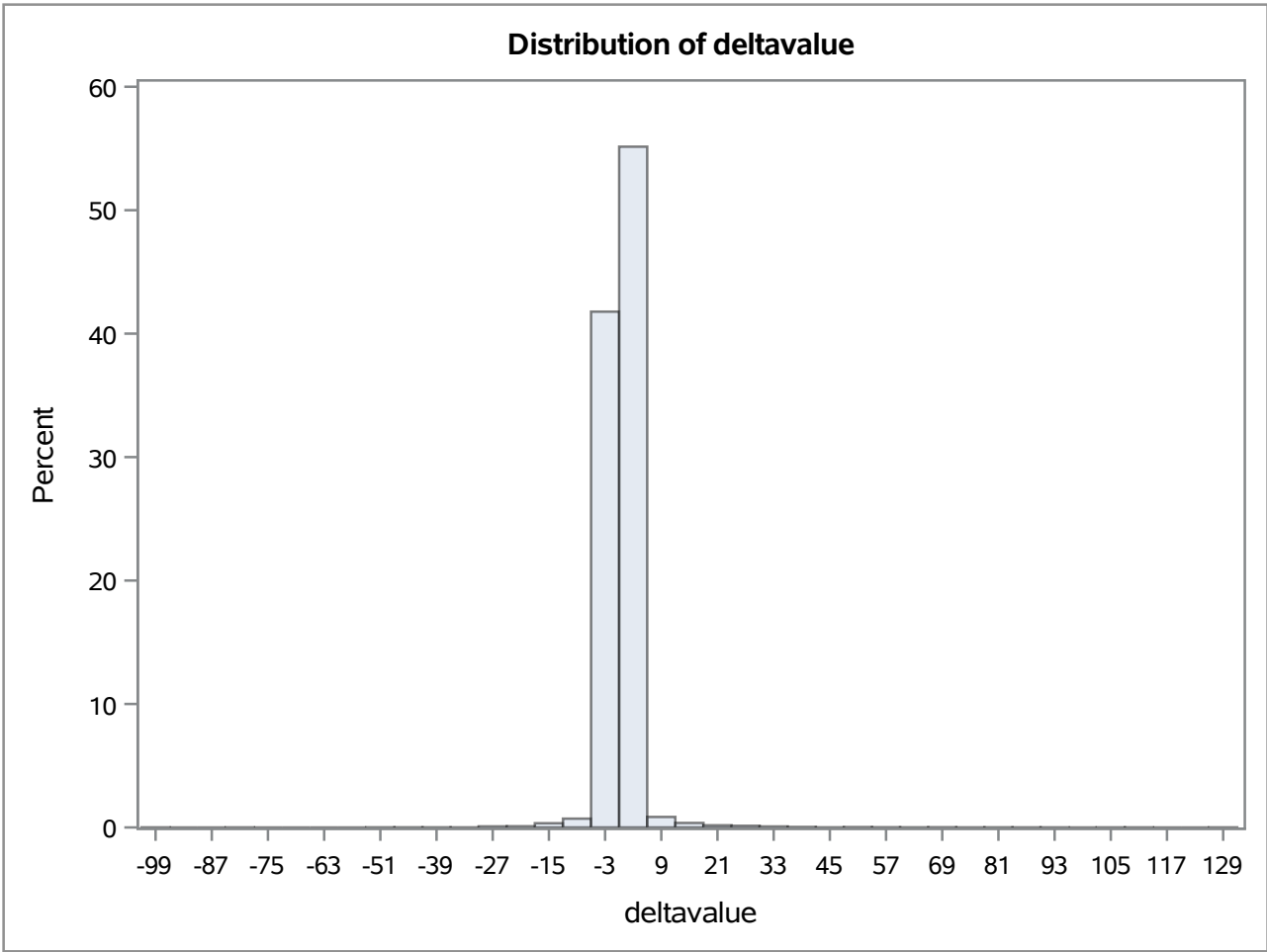
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=ALT

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-97	406166	89.0	416765
-79	418272	93.0	413008
-51	418227	104.0	418805
-49	419080	108.7	406165
-45	418070	129.0	408789

The UNIVARIATE Procedure

category=D. Liver tests longlabel=ALT



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=AST

Moments			
N	15654	Sum Weights	15654
Mean	0.00040948	Sum Observations	6.41
Std Deviation	10.1491258	Variance	103.004755
Skewness	9.47065626	Kurtosis	334.86424
Uncorrected SS	1612333.43	Corrected SS	1612333.42
Coeff Variation	2478540.02	Std Error Mean	0.08111776

Basic Statistical Measures			
Location		Variability	
Mean	0.000409	Std Deviation	10.14913
Median	0.000000	Variance	103.00475
Mode	0.000000	Range	585.00000
		Interquartile Range	0.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0.005048	Pr > t	0.9960
Sign	M	-1183.5	Pr >= M	<.0001
Signed Rank	S	-8445260	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	339.0
99%	22.0
95%	2.5
90%	0.8
75% Q3	0.2
50% Median	0.0
25% Q1	-0.3
10%	-1.4
5%	-3.6
1%	-22.0
0% Min	-246.0

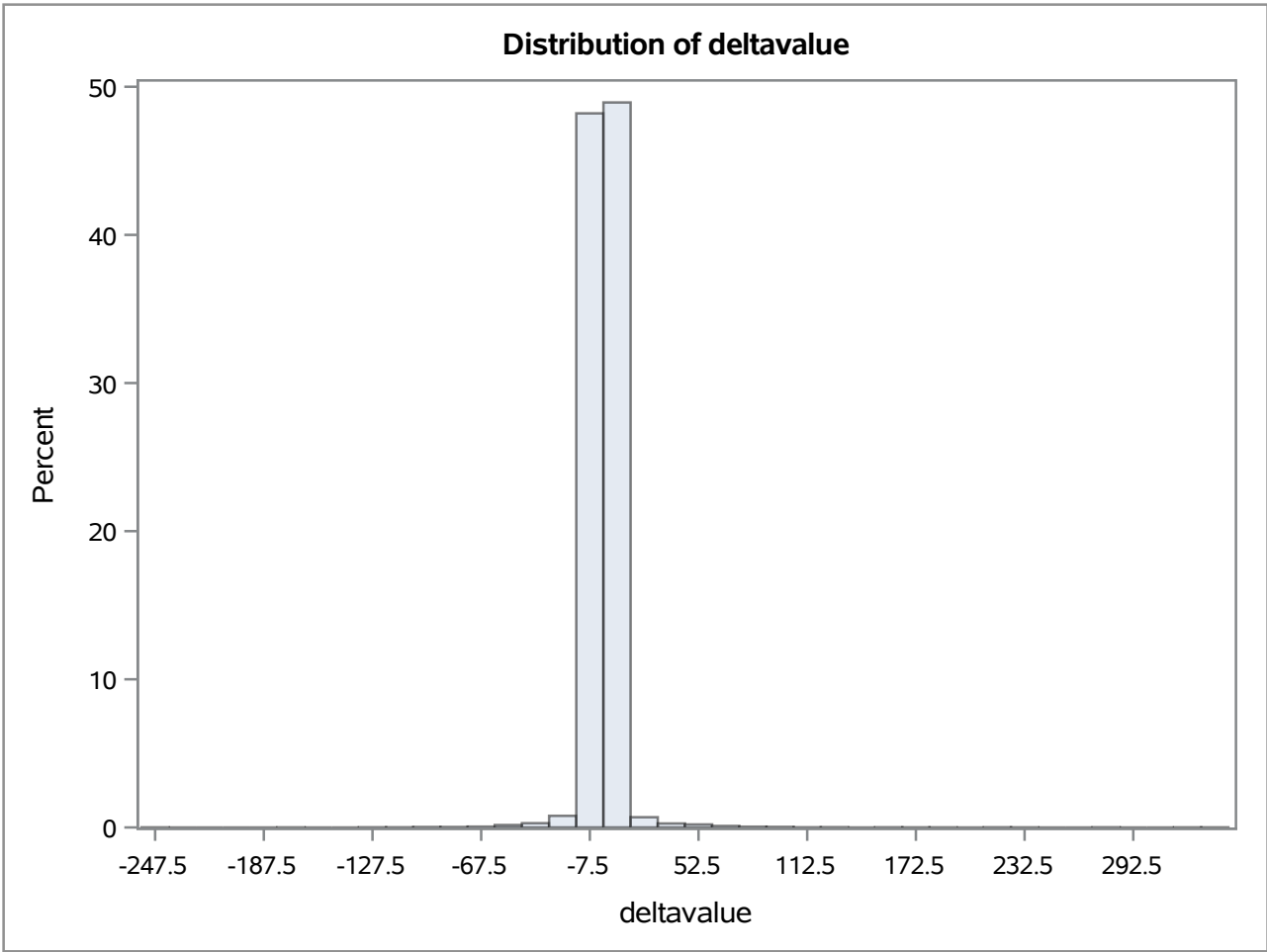
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=AST

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-246	423031	226.0	432669
-178	434006	274.4	424751
-124	422960	280.7	431617
-123	434606	328.0	420877
-112	425404	339.0	420449

The UNIVARIATE Procedure

category=D. Liver tests longlabel=AST



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Albumin

Moments			
N	23486	Sum Weights	23486
Mean	-0.0516478	Sum Observations	-1213
Std Deviation	3.39061782	Variance	11.4962892
Skewness	-0.0617951	Kurtosis	4.29290659
Uncorrected SS	270053	Corrected SS	269990.351
Coeff Variation	-6564.8846	Std Error Mean	0.02212454

Basic Statistical Measures			
Location		Variability	
Mean	-0.05165	Std Deviation	3.39062
Median	0.00000	Variance	11.49629
Mode	0.00000	Range	55.00000
		Interquartile Range	4.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-2.33441	Pr > t	0.0196
Sign	M	-269	Pr >= M	0.0001
Signed Rank	S	-2395761	Pr >= S	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	26
99%	10
95%	5
90%	4
75% Q3	2
50% Median	0
25% Q1	-2
10%	-4
5%	-5
1%	-10
0% Min	-29

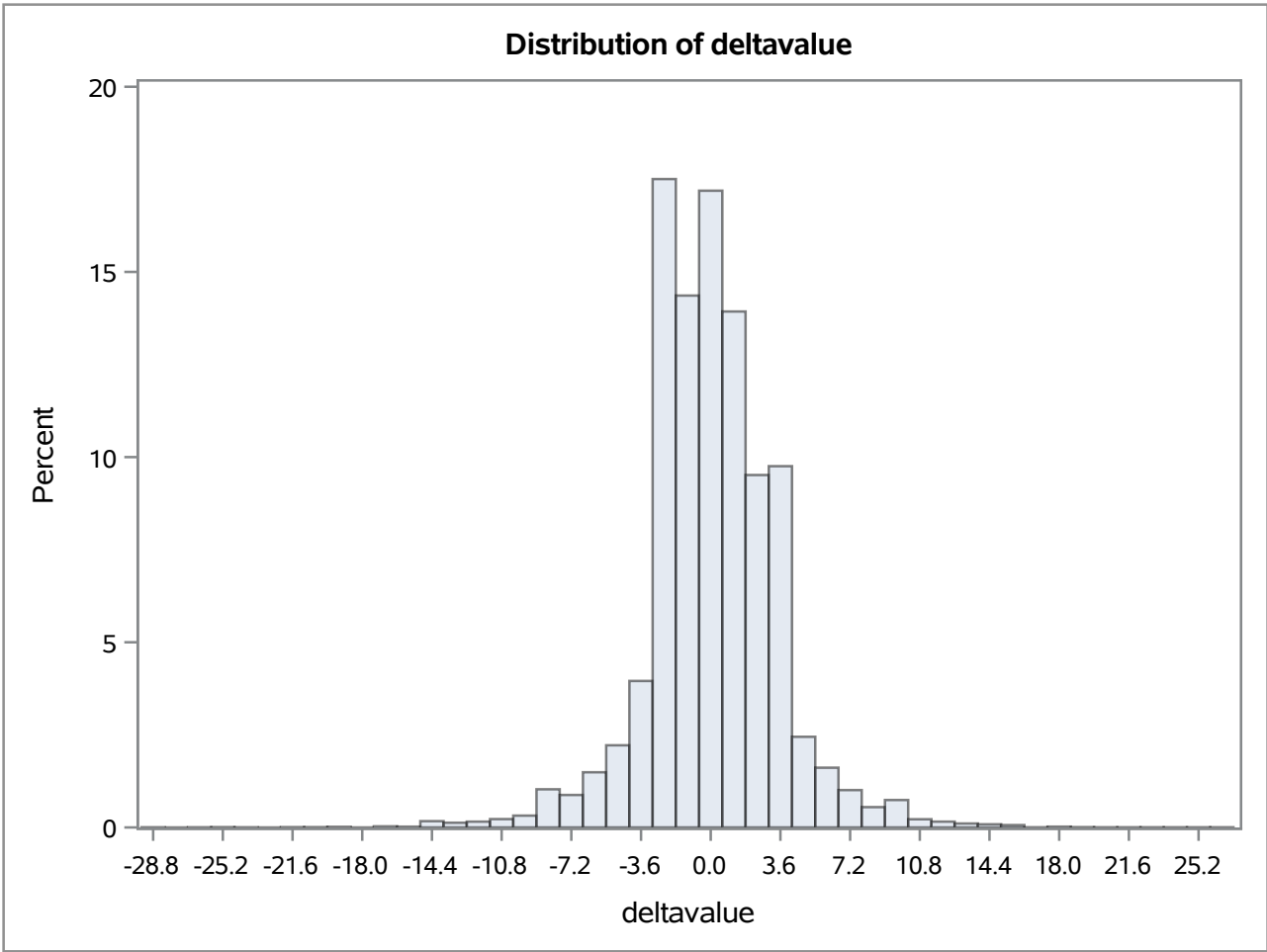
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Albumin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-29	444611	21	437826
-27	444868	23	435539
-25	458694	24	455308
-25	442593	25	435980
-24	458707	26	455234

The UNIVARIATE Procedure

category=D. Liver tests longlabel=Albumin



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Conjugated bilirubin

Moments			
N	4937	Sum Weights	4937
Mean	1.66052258	Sum Observations	8198
Std Deviation	33.6266295	Variance	1130.75021
Skewness	2.15438139	Kurtosis	291.148152
Uncorrected SS	5594996	Corrected SS	5581383.04
Coeff Variation	2025.06306	Std Error Mean	0.47857695

Basic Statistical Measures			
Location		Variability	
Mean	1.660523	Std Deviation	33.62663
Median	0.000000	Variance	1131
Mode	0.000000	Range	1740
		Interquartile Range	6.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3.469709	Pr > t	0.0005
Sign	M	163	Pr >= M	<.0001
Signed Rank	S	557015	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	891
99%	80
95%	30
90%	16
75% Q3	4
50% Median	0
25% Q1	-2
10%	-10
5%	-20
1%	-65
0% Min	-849

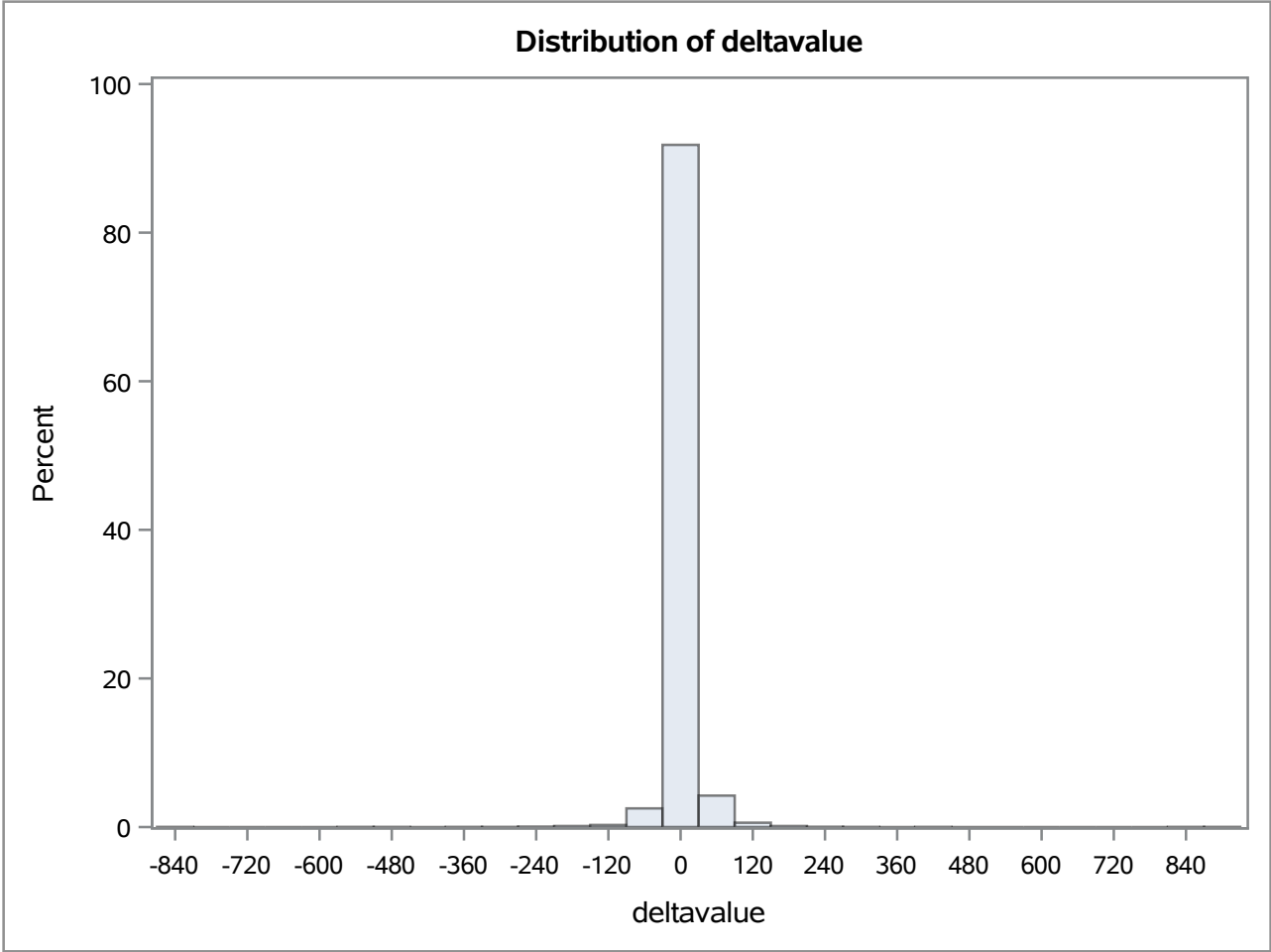
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Conjugated bilirubin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-849	459196	265	461111
-562	459956	291	462902
-456	459857	434	459858
-366	459991	822	460649
-297	463637	891	459197

The UNIVARIATE Procedure

category=D. Liver tests longlabel=Conjugated bilirubin



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Glutamyl transferase

Moments			
N	7895	Sum Weights	7895
Mean	-0.0179481	Sum Observations	-141.7
Std Deviation	1.14541677	Variance	1.31197957
Skewness	-0.6443793	Kurtosis	47.6786985
Uncorrected SS	10359.31	Corrected SS	10356.7668
Coeff Variation	-6381.8387	Std Error Mean	0.01289103

Basic Statistical Measures			
Location		Variability	
Mean	-0.01795	Std Deviation	1.14542
Median	0.00000	Variance	1.31198
Mode	0.00000	Range	35.20000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-1.39229	Pr > t	0.1639
Sign	M	-15	Pr >= M	0.7169
Signed Rank	S	-132280	Pr >= S	0.3703

Quantiles (Definition 5)	
Level	Quantile
100% Max	18.0
99%	3.1
95%	1.2
90%	0.7
75% Q3	0.2
50% Median	0.0
25% Q1	-0.2
10%	-0.7
5%	-1.3
1%	-3.4
0% Min	-17.2

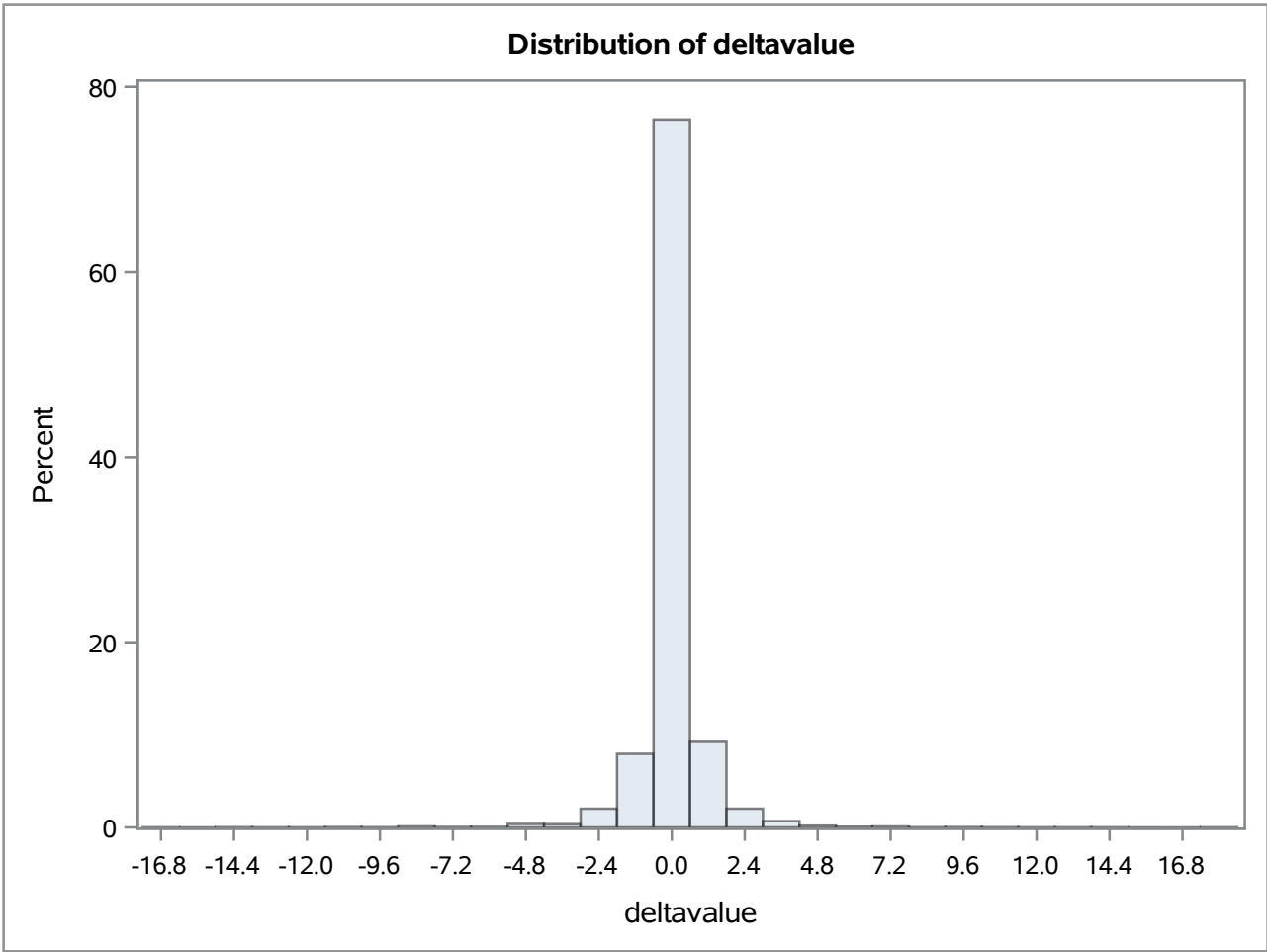
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Glutamyl transferase

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-17.2	465925	11.0	470223
-15.0	469802	12.4	465177
-14.0	471183	13.0	466325
-13.0	468257	14.0	467742
-12.0	467125	18.0	465717

The UNIVARIATE Procedure

category=D. Liver tests longlabel=Glutamyl transferase



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Calcium

Moments			
N	13061	Sum Weights	13061
Mean	0.00542608	Sum Observations	70.87
Std Deviation	0.16084481	Variance	0.02587105
Skewness	-0.3706691	Kurtosis	7.07122409
Uncorrected SS	338.2605	Corrected SS	337.875954
Coeff Variation	2964.29247	Std Error Mean	0.0014074

Basic Statistical Measures			
Location		Variability	
Mean	0.005426	Std Deviation	0.16084
Median	0.000000	Variance	0.02587
Mode	0.000000	Range	3.00000
		Interquartile Range	0.20000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3.85538	Pr > t	0.0001
Sign	M	284	Pr >= M	<.0001
Signed Rank	S	1193864	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1.1
99%	0.4
95%	0.2
90%	0.2
75% Q3	0.1
50% Median	0.0
25% Q1	-0.1
10%	-0.2
5%	-0.2
1%	-0.4
0% Min	-1.9

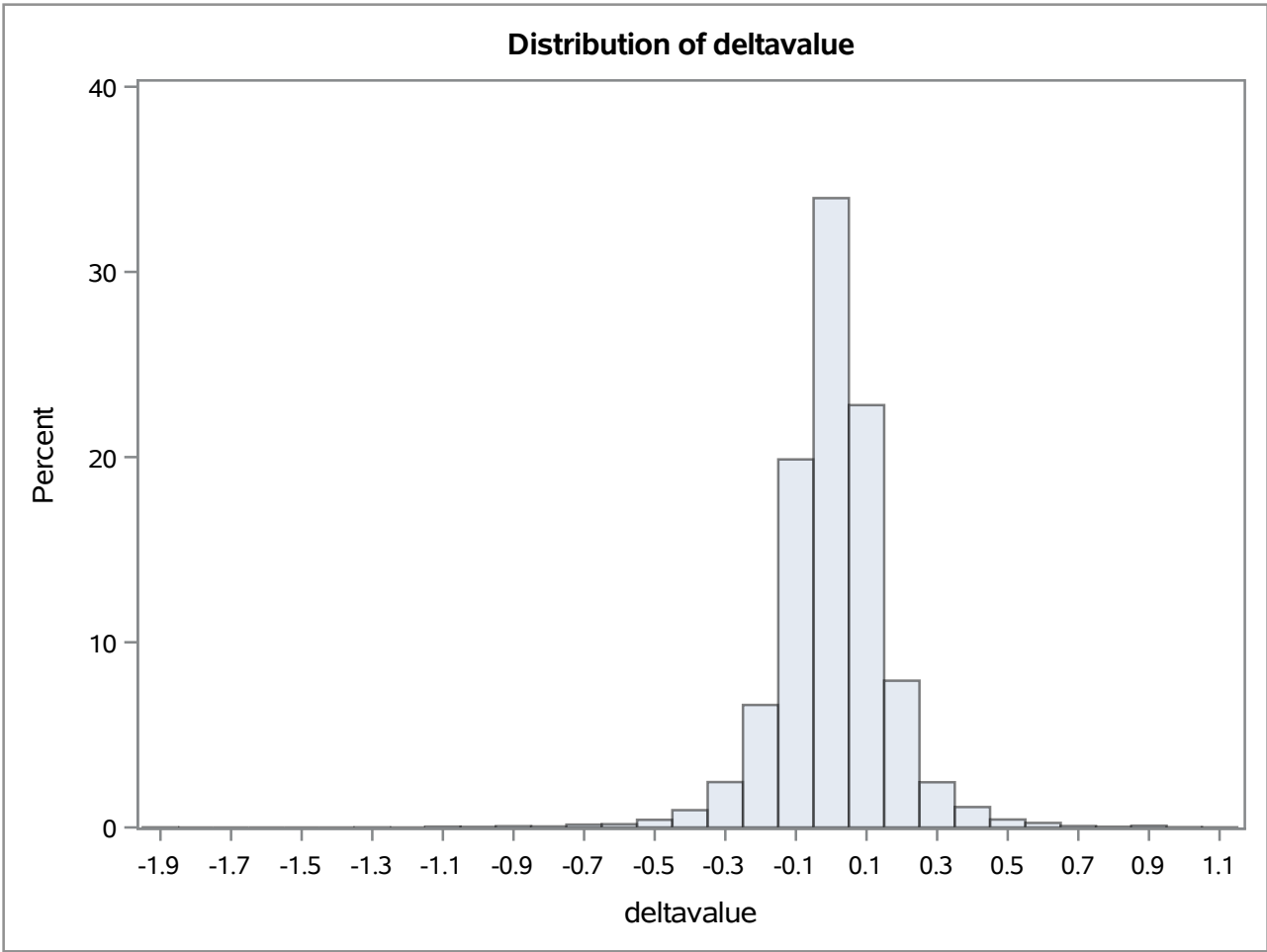
The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Calcium

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-1.9	476883	0.9	483222
-1.3	483139	0.9	484460
-1.1	473380	1.0	472596
-1.1	479299	1.0	480220
-1.1	477416	1.1	475901

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Calcium



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Chloride

Moments			
N	21442	Sum Weights	21442
Mean	0.33394273	Sum Observations	7160.4
Std Deviation	4.24678336	Variance	18.0351689
Skewness	0.07940855	Kurtosis	359.182296
Uncorrected SS	389083.22	Corrected SS	386692.056
Coeff Variation	1271.71008	Std Error Mean	0.02900197

Basic Statistical Measures			
Location		Variability	
Mean	0.333943	Std Deviation	4.24678
Median	0.000000	Variance	18.03517
Mode	0.000000	Range	239.60000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	11.51449	Pr > t	<.0001
Sign	M	1418.5	Pr >= M	<.0001
Signed Rank	S	12535710	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	119.8
99%	8.0
95%	4.0
90%	3.0
75% Q3	1.0
50% Median	0.0
25% Q1	-1.0
10%	-2.0
5%	-3.0
1%	-7.0
0% Min	-119.8

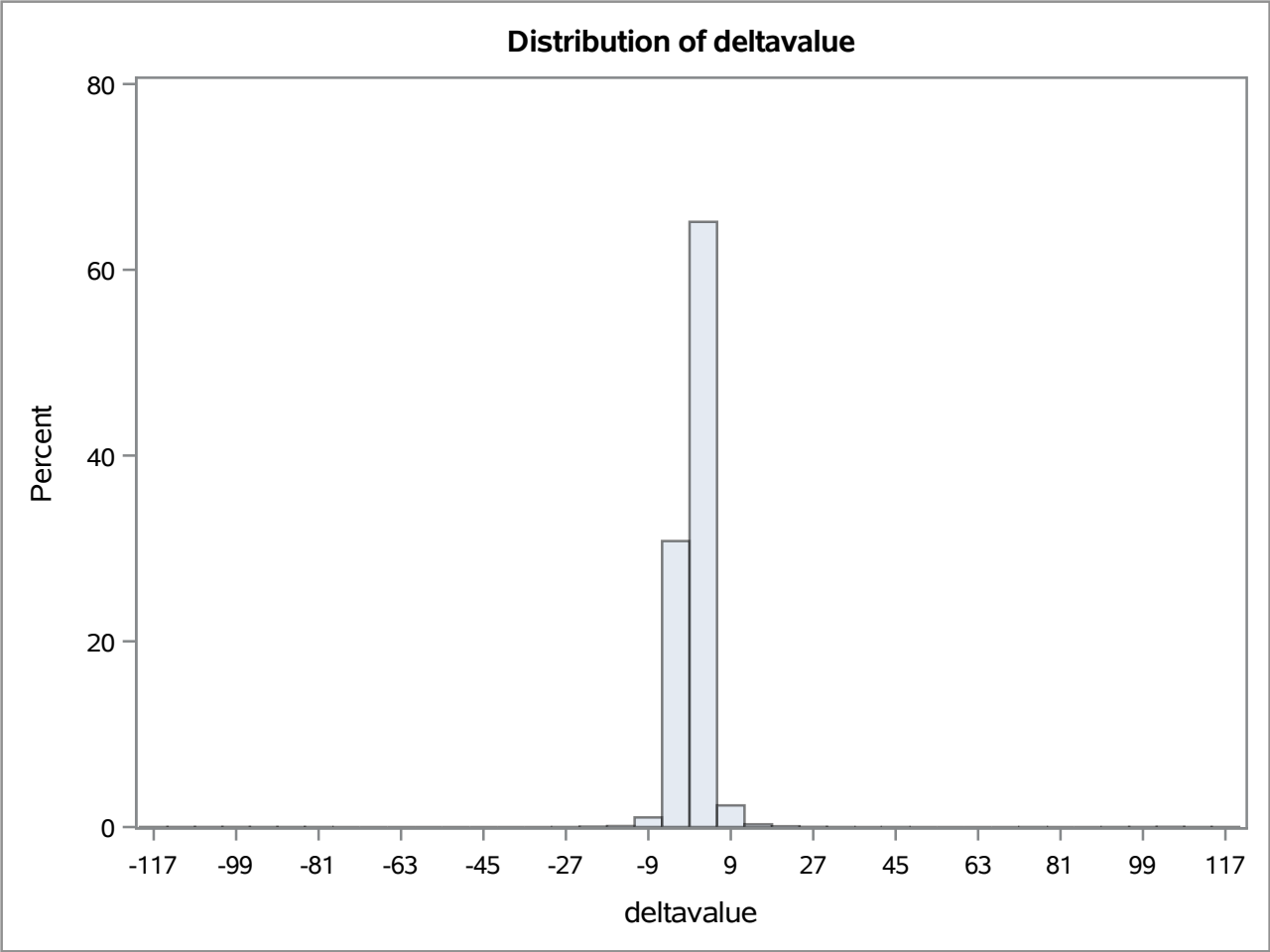
The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Chloride

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-119.8	492035	103.9	498481
-110.1	493927	107.4	493531
-109.2	486590	107.8	496917
-107.2	488313	110.9	486251
-105.0	490887	119.8	492036

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Chloride



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Free Calcium

Moments			
N	20658	Sum Weights	20658
Mean	-0.0157566	Sum Observations	-325.5
Std Deviation	2.76616182	Variance	7.65165123
Skewness	-7.5149328	Kurtosis	1655.8214
Uncorrected SS	158065.288	Corrected SS	158060.159
Coeff Variation	-17555.567	Std Error Mean	0.01924569

Basic Statistical Measures			
Location		Variability	
Mean	-0.01576	Std Deviation	2.76616
Median	0.00000	Variance	7.65165
Mode	0.00000	Range	254.50000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.81871	Pr > t	0.4130
Sign	M	-236	Pr >= M	<.0001
Signed Rank	S	-492528	Pr >= S	0.0058

Quantiles (Definition 5)	
Level	Quantile
100% Max	131.7
99%	0.3
95%	0.1
90%	0.1
75% Q3	0.0
50% Median	0.0
25% Q1	0.0
10%	-0.1
5%	-0.1
1%	-0.2
0% Min	-122.8

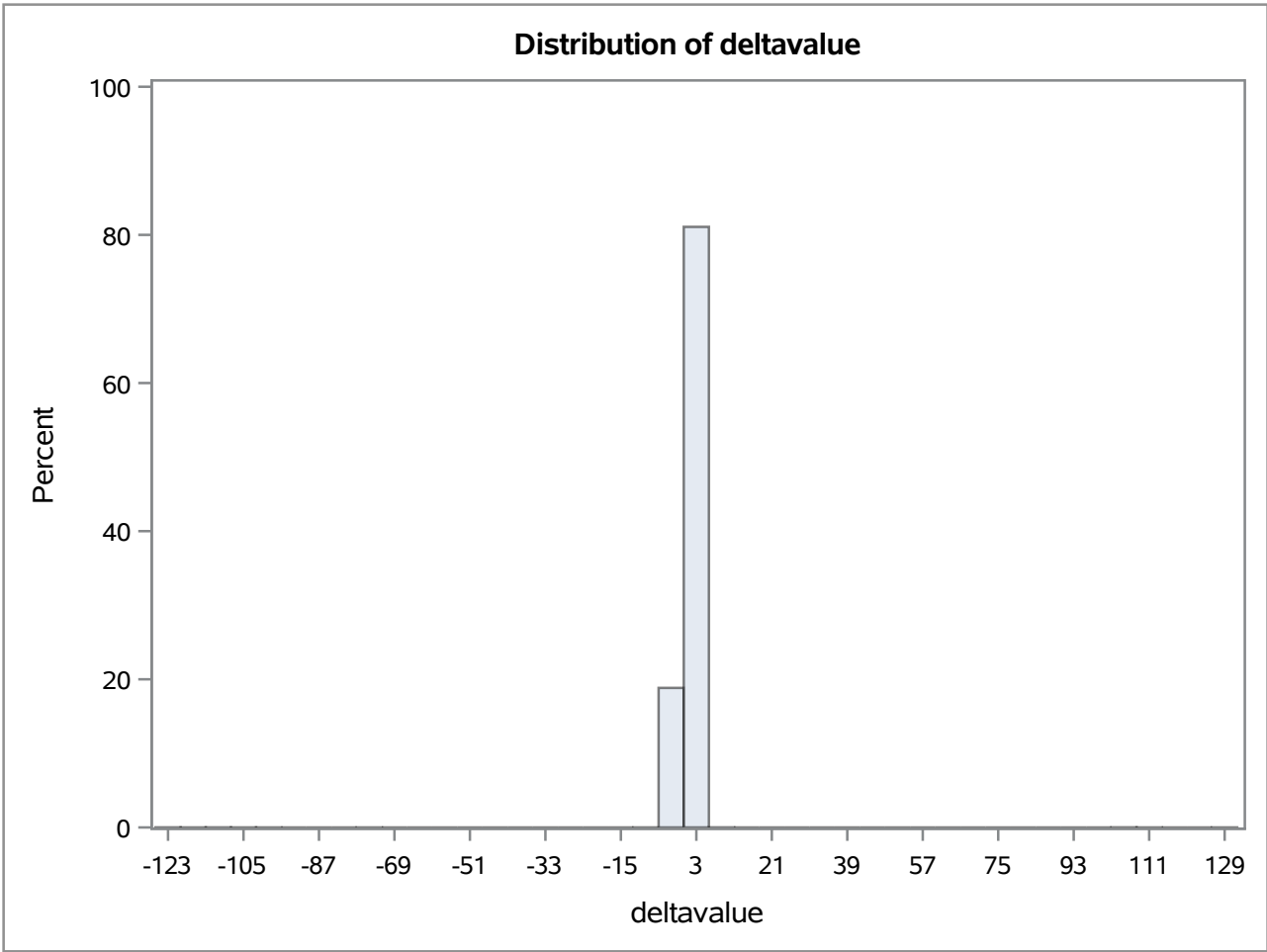
The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Free Calcium

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-122.8	515296	102.9	508917
-120.8	510517	104.0	519186
-115.0	511795	107.9	518909
-111.9	512028	112.9	525281
-110.8	521820	131.7	516869

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Free Calcium



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Osmolality

Moments			
N	6647	Sum Weights	6647
Mean	0.20324959	Sum Observations	1351
Std Deviation	4.70563543	Variance	22.1430048
Skewness	-0.202343	Kurtosis	20.2705695
Uncorrected SS	147437	Corrected SS	147162.41
Coeff Variation	2315.2005	Std Error Mean	0.05771722

Basic Statistical Measures			
Location		Variability	
Mean	0.203250	Std Deviation	4.70564
Median	0.000000	Variance	22.14300
Mode	0.000000	Range	115.00000
		Interquartile Range	4.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3.521472	Pr > t	0.0004
Sign	M	77	Pr >= M	0.0420
Signed Rank	S	393342.5	Pr >= S	0.0013

Quantiles (Definition 5)	
Level	Quantile
100% Max	55
99%	14
95%	7
90%	5
75% Q3	2
50% Median	0
25% Q1	-2
10%	-4
5%	-6
1%	-12
0% Min	-60

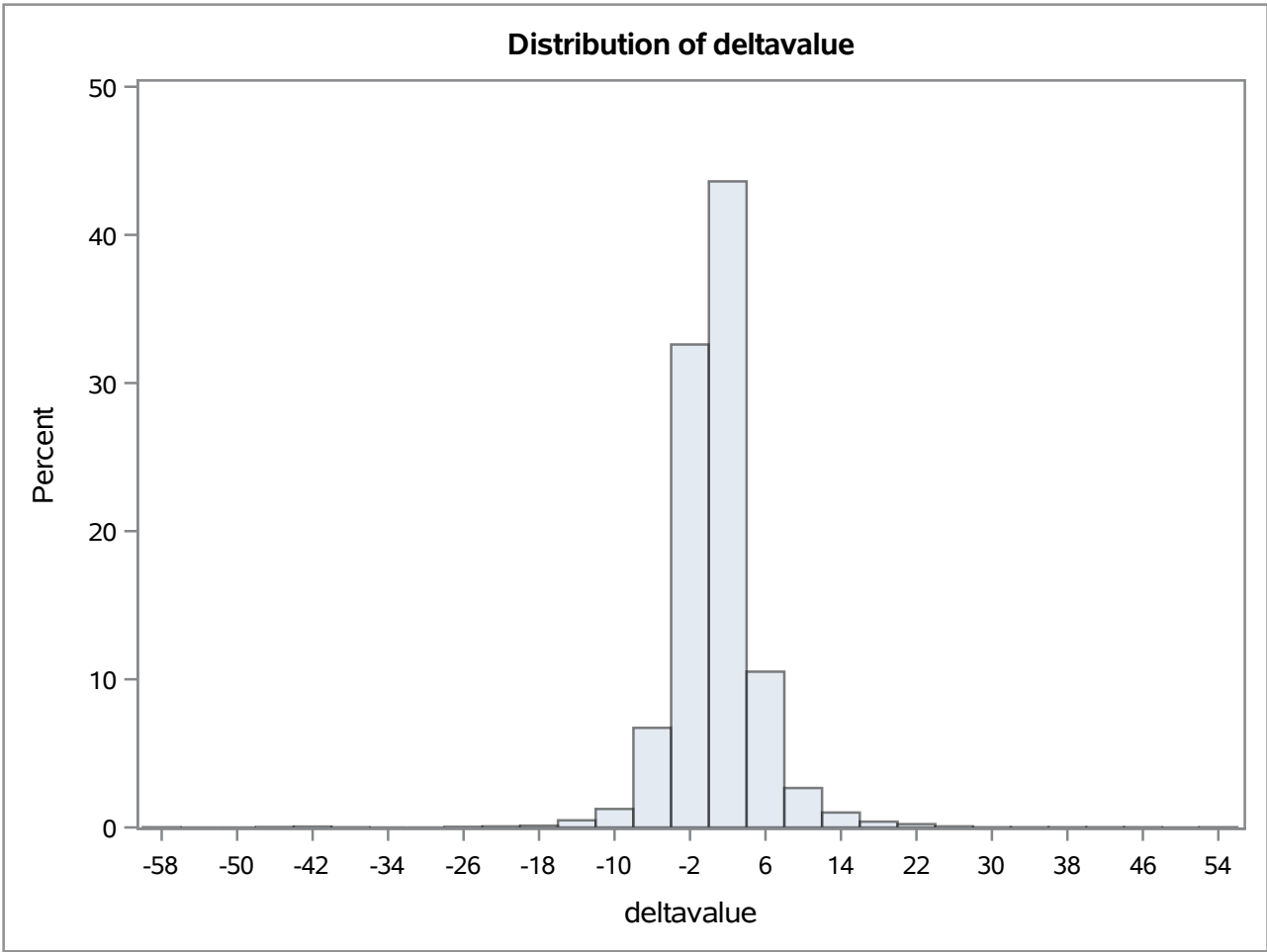
The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Osmolality

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-60	530342	34	527998
-47	532895	37	527215
-45	530002	42	533379
-43	532872	46	533105
-42	530767	55	531671

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Osmolality



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Potassium

Moments			
N	48089	Sum Weights	48089
Mean	-0.0025261	Sum Observations	-121.48
Std Deviation	12.974338	Variance	168.333446
Skewness	-0.1667924	Kurtosis	5735.54503
Uncorrected SS	8094819.07	Corrected SS	8094818.76
Coeff Variation	-513601.37	Std Error Mean	0.05916465

Basic Statistical Measures			
Location		Variability	
Mean	-0.00253	Std Deviation	12.97434
Median	0.00000	Variance	168.33345
Mode	0.00000	Range	1990
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.0427	Pr > t	0.9659
Sign	M	226	Pr >= M	0.0282
Signed Rank	S	8305722	Pr >= S	0.0009

Quantiles (Definition 5)	
Level	Quantile
100% Max	994.7
99%	1.4
95%	0.7
90%	0.5
75% Q3	0.2
50% Median	0.0
25% Q1	-0.2
10%	-0.5
5%	-0.7
1%	-1.3
0% Min	-995.7

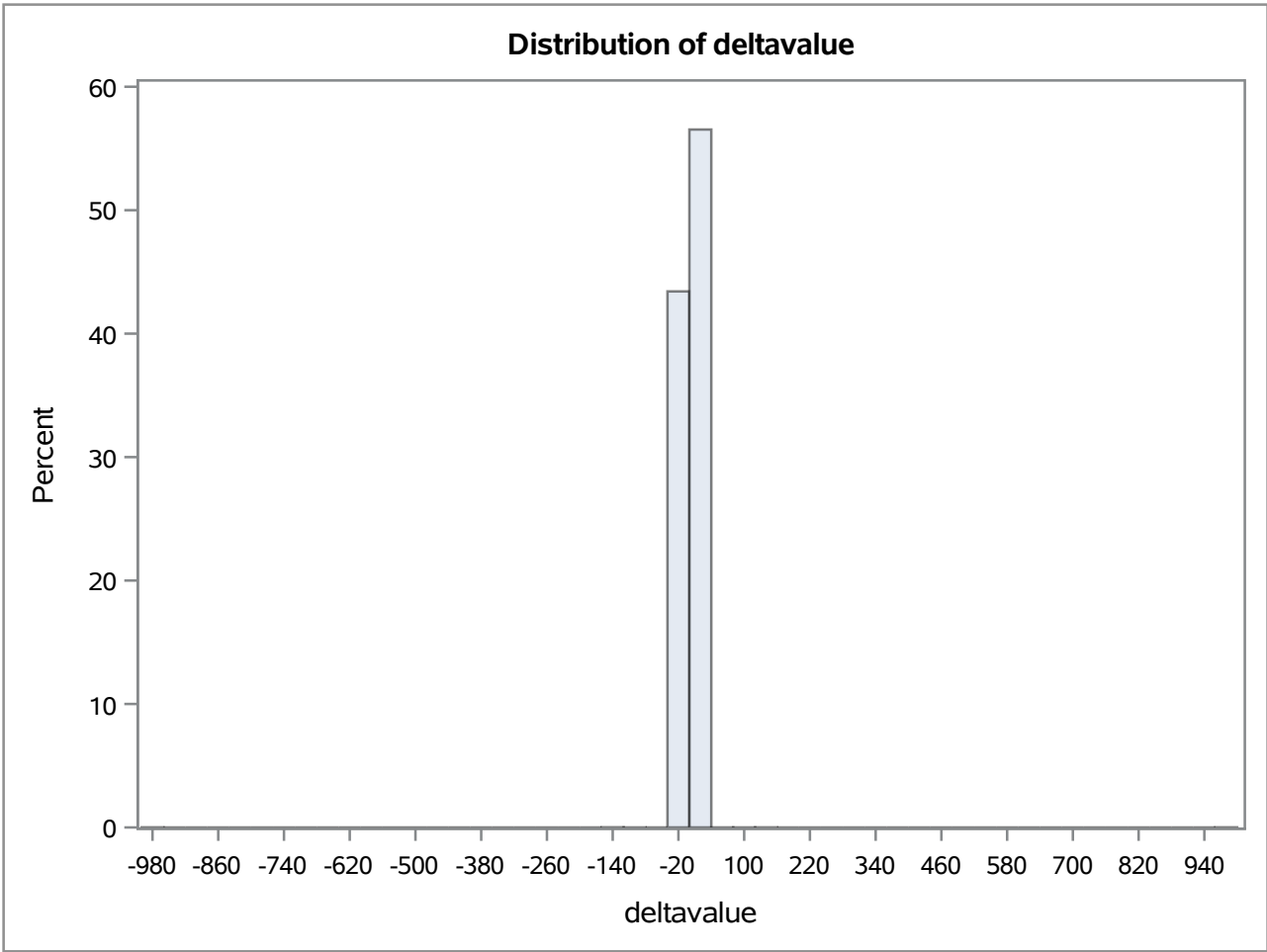
The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Potassium

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-995.7	538187	130.7	547172
-995.2	555581	992.5	534837
-995.0	580024	993.7	537452
-992.5	557570	994.2	542353
-140.5	564436	994.7	577961

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Potassium



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Sodium

Moments			
N	47379	Sum Weights	47379
Mean	0.19630427	Sum Observations	9300.7
Std Deviation	3.99860597	Variance	15.9888497
Skewness	1.3002047	Kurtosis	514.294041
Uncorrected SS	759345.49	Corrected SS	757519.723
Coeff Variation	2036.94294	Std Error Mean	0.01837028

Basic Statistical Measures			
Location		Variability	
Mean	0.196304	Std Deviation	3.99861
Median	0.000000	Variance	15.98885
Mode	0.000000	Range	289.40000
		Interquartile Range	3.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	10.68597	Pr > t	<.0001
Sign	M	1280	Pr >= M	<.0001
Signed Rank	S	32208244	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	149.4
99%	8.0
95%	5.0
90%	3.0
75% Q3	2.0
50% Median	0.0
25% Q1	-1.0
10%	-3.0
5%	-4.0
1%	-7.0
0% Min	-140.0

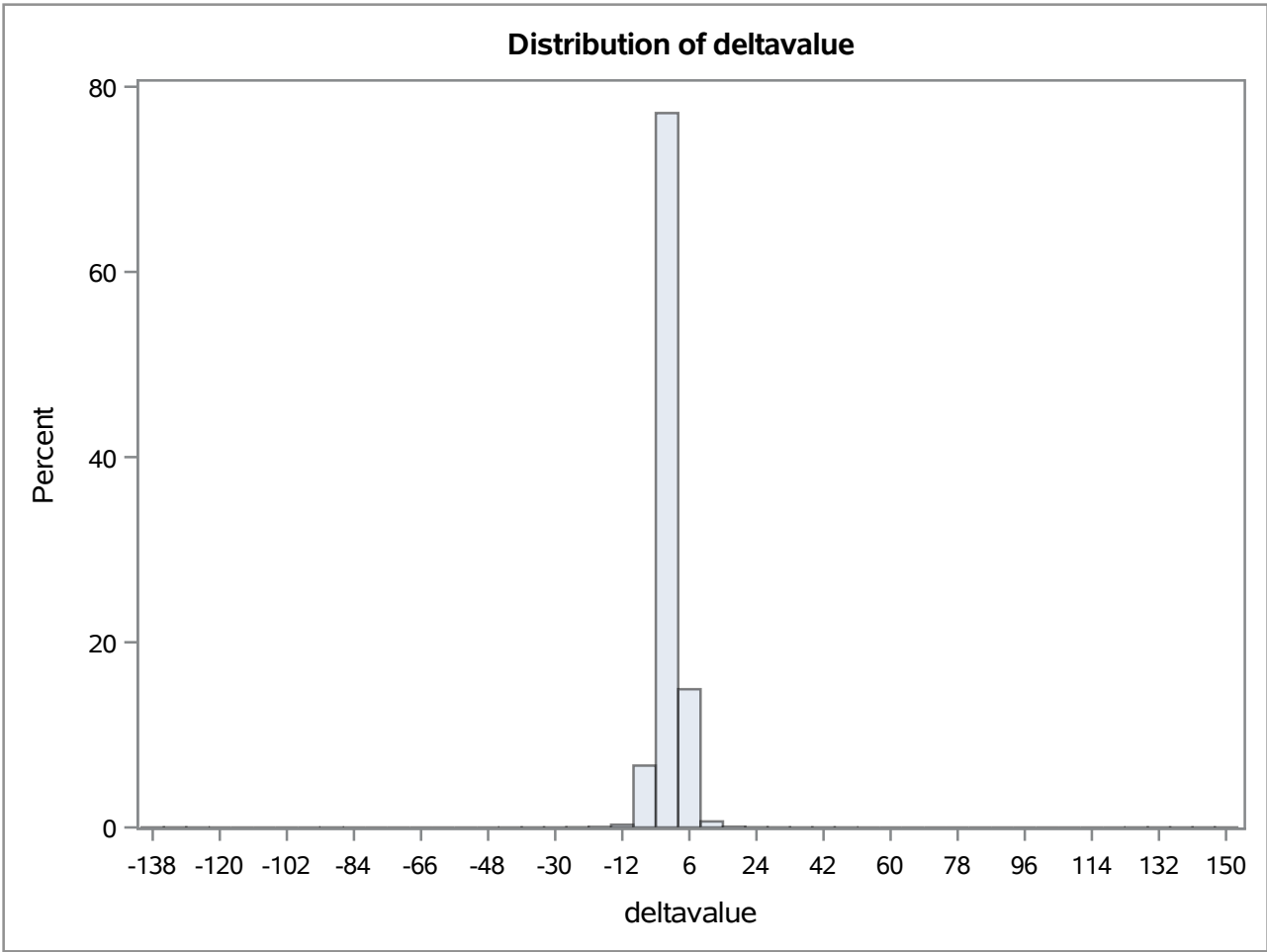
The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Sodium

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-140.0	592880	134.5	605614
-138.0	625069	138.0	597007
-132.6	587844	143.0	623699
-132.0	605769	145.9	594326
-130.0	612420	149.4	614029

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Sodium



The UNIVARIATE Procedure
Variable: deltavalue

category=F. Kidney function longlabel=Creatinine

Moments			
N	51770	Sum Weights	51770
Mean	-4.0636971	Sum Observations	-210377.6
Std Deviation	45.4522047	Variance	2065.90291
Skewness	-2.0641648	Kurtosis	117.037837
Uncorrected SS	107804639	Corrected SS	106949728
Coeff Variation	-1118.4939	Std Error Mean	0.19976338

Basic Statistical Measures			
Location		Variability	
Mean	-4.06370	Std Deviation	45.45220
Median	-2.00000	Variance	2066
Mode	0.00000	Range	1787
		Interquartile Range	16.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-20.3426	Pr > t	<.0001
Sign	M	-4507	Pr >= M	<.0001
Signed Rank	S	-1.287E8	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	894
99%	104
95%	38
90%	19
75% Q3	5
50% Median	-2
25% Q1	-11
10%	-27
5%	-47
1%	-140
0% Min	-893

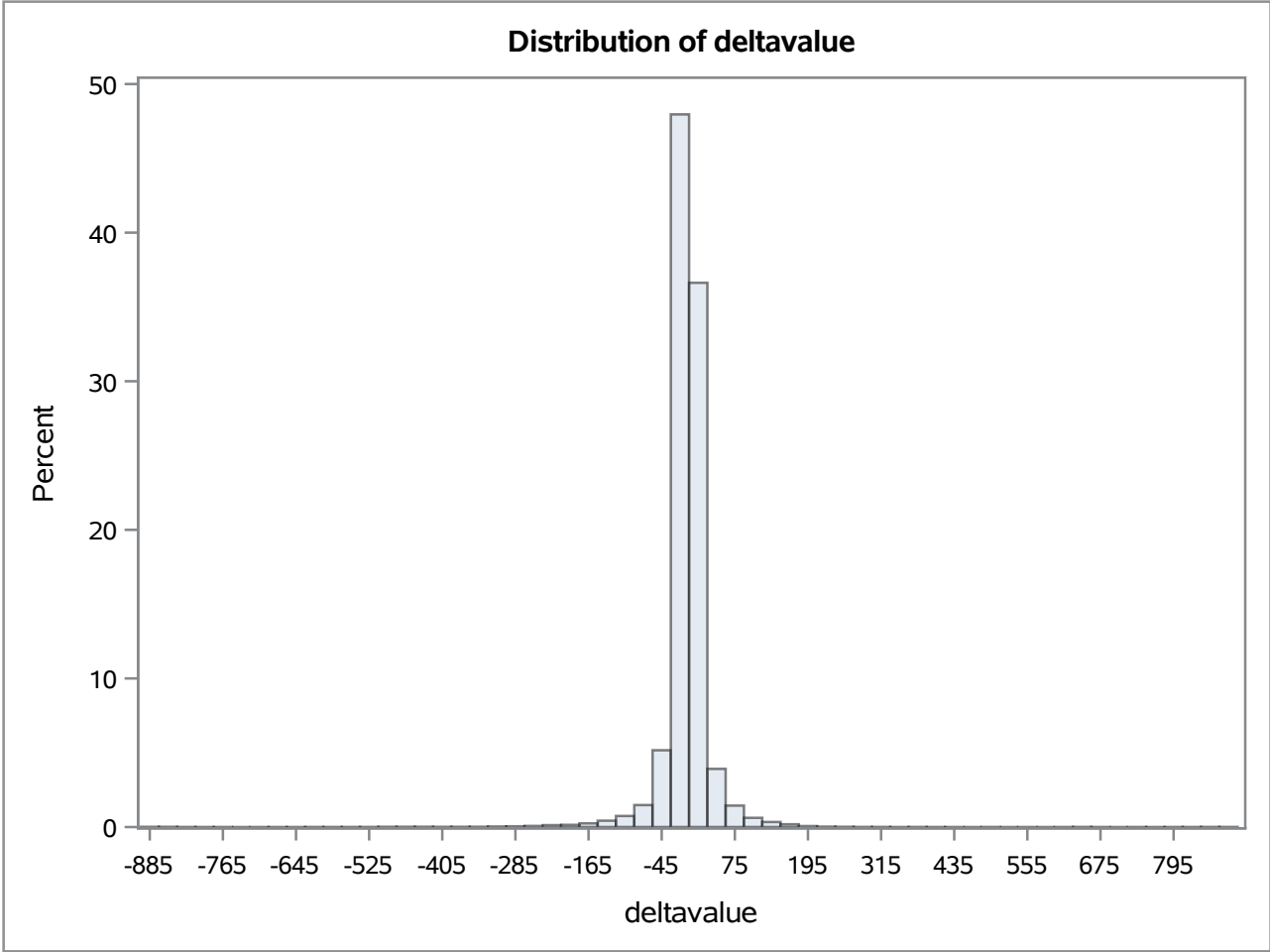
The UNIVARIATE Procedure
Variable: deltavalue

category=F. Kidney function longlabel=Creatinine

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-893	647822	866	644368
-891	665668	870	668546
-890	675419	878	651618
-887	639065	891	636385
-885	631920	894	633541

The UNIVARIATE Procedure

category=F. Kidney function longlabel=Creatinine



The UNIVARIATE Procedure
Variable: deltavalue

category=F. Kidney function longlabel=Standard bicarbonate

Moments			
N	20586	Sum Weights	20586
Mean	0.02994754	Sum Observations	616.5
Std Deviation	3.01984053	Variance	9.11943684
Skewness	2.18256382	Kurtosis	2497.35715
Uncorrected SS	187742.07	Corrected SS	187723.607
Coeff Variation	10083.7692	Std Error Mean	0.02104738

Basic Statistical Measures			
Location		Variability	
Mean	0.029948	Std Deviation	3.01984
Median	0.000000	Variance	9.11944
Mode	0.000000	Range	429.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.422863	Pr > t	0.1548
Sign	M	-167.5	Pr >= M	0.0050
Signed Rank	S	188388.5	Pr >= S	0.6898

Quantiles (Definition 5)	
Level	Quantile
100% Max	218
99%	6
95%	3
90%	2
75% Q3	1
50% Median	0
25% Q1	-1
10%	-2
5%	-3
1%	-5
0% Min	-211

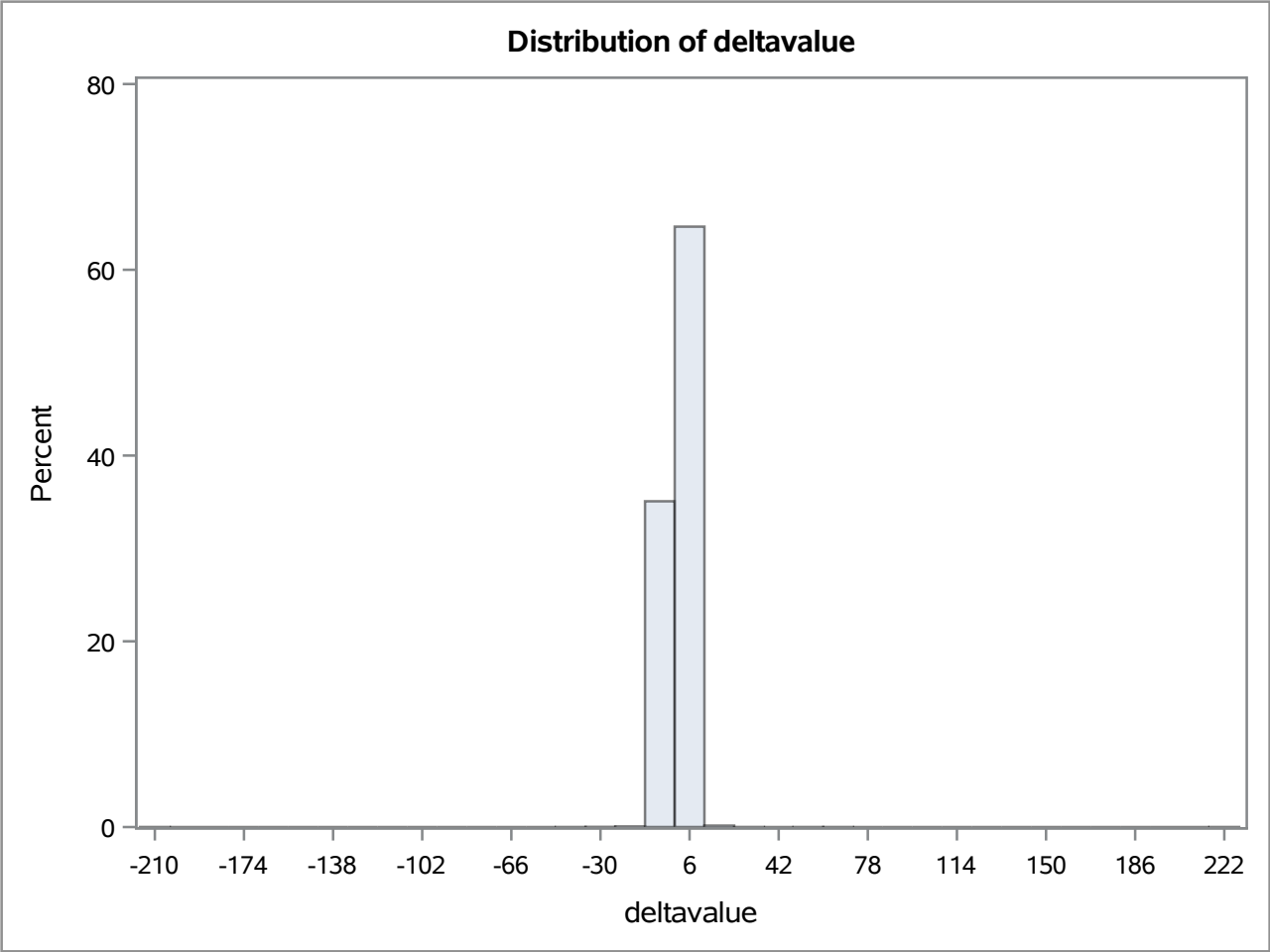
The UNIVARIATE Procedure
Variable: deltavalue

category=F. Kidney function longlabel=Standard bicarbonate

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-211	699717	24.0	681508
-47	680960	26.7	687868
-35	685668	58.0	684814
-32	689684	60.0	680959
-26	688390	218.0	682567

The UNIVARIATE Procedure

category=F. Kidney function longlabel=Standard bicarbonate



The UNIVARIATE Procedure
Variable: deltavalue

category=F. Kidney function longlabel=eGFR

Moments			
N	6570	Sum Weights	6570
Mean	1.32770167	Sum Observations	8723
Std Deviation	8.10581807	Variance	65.7042865
Skewness	-0.2575799	Kurtosis	5.16143167
Uncorrected SS	443193	Corrected SS	431611.458
Coeff Variation	610.515014	Std Error Mean	0.10000326

Basic Statistical Measures			
Location		Variability	
Mean	1.327702	Std Deviation	8.10582
Median	1.000000	Variance	65.70429
Mode	0.000000	Range	110.00000
		Interquartile Range	7.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	13.27658	Pr > t	<.0001
Sign	M	696	Pr >= M	<.0001
Signed Rank	S	2367521	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	57
99%	24
95%	14
90%	10
75% Q3	5
50% Median	1
25% Q1	-2
10%	-7
5%	-11
1%	-25
0% Min	-53

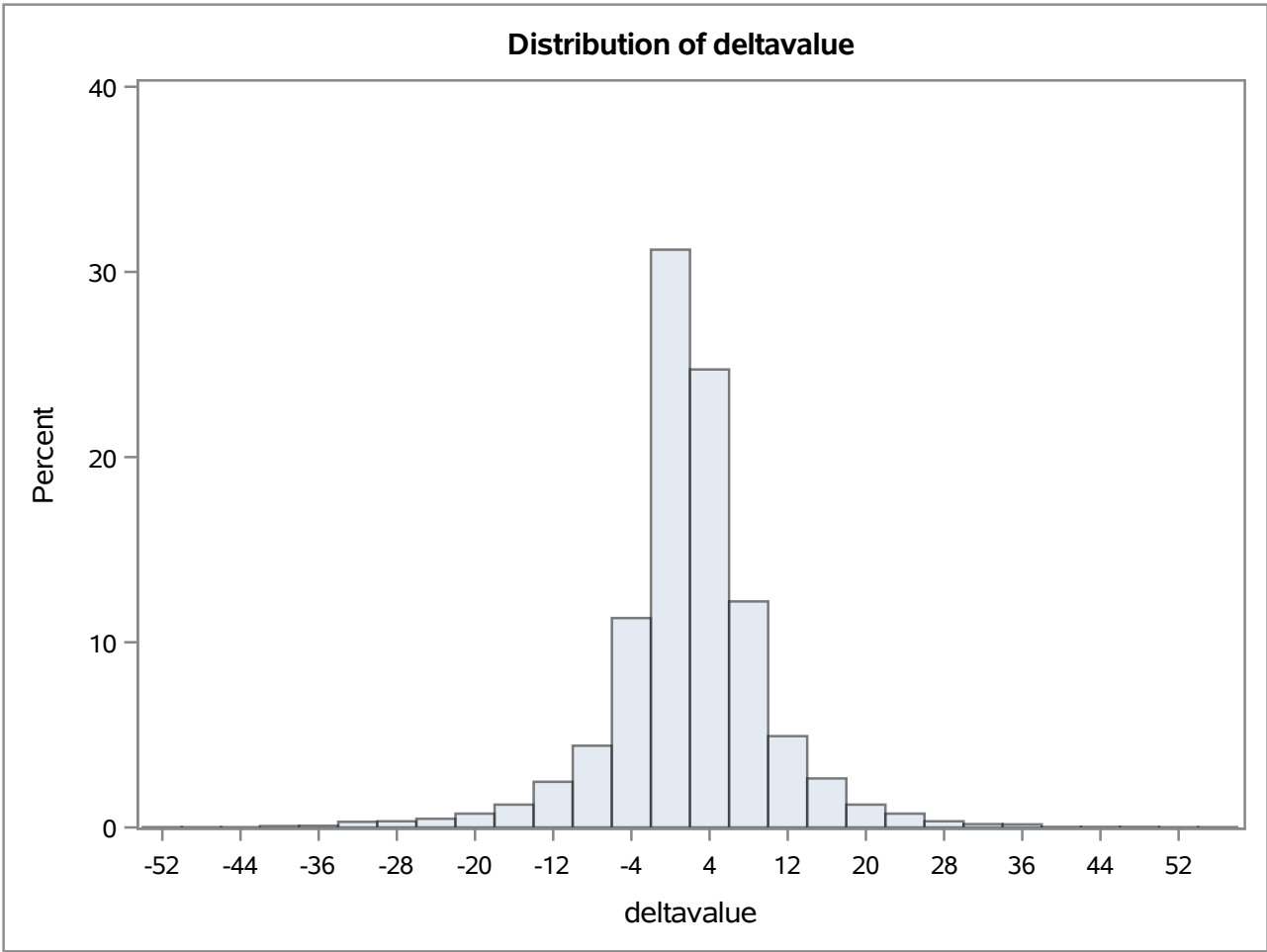
The UNIVARIATE Procedure
Variable: deltavalue

category=F. Kidney function longlabel=eGFR

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-53	705652	44	701854
-49	702436	48	701862
-44	703148	48	707634
-42	707339	50	705572
-40	703240	57	704516

The UNIVARIATE Procedure

category=F. Kidney function longlabel=eGFR



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Base Excess

Moments			
N	10387	Sum Weights	10387
Mean	-0.0920776	Sum Observations	-956.41
Std Deviation	2.20940426	Variance	4.88146718
Skewness	14.4947992	Kurtosis	596.039636
Uncorrected SS	50786.9821	Corrected SS	50698.9182
Coeff Variation	-2399.5025	Std Error Mean	0.02167854

Basic Statistical Measures			
Location		Variability	
Mean	-0.09208	Std Deviation	2.20940
Median	0.00000	Variance	4.88147
Mode	0.00000	Range	123.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-4.24741	Pr > t	<.0001
Sign	M	-395	Pr >= M	<.0001
Signed Rank	S	-1730854	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	98.0
99%	4.0
95%	2.0
90%	1.5
75% Q3	1.0
50% Median	0.0
25% Q1	-1.0
10%	-2.0
5%	-2.3
1%	-4.0
0% Min	-25.0

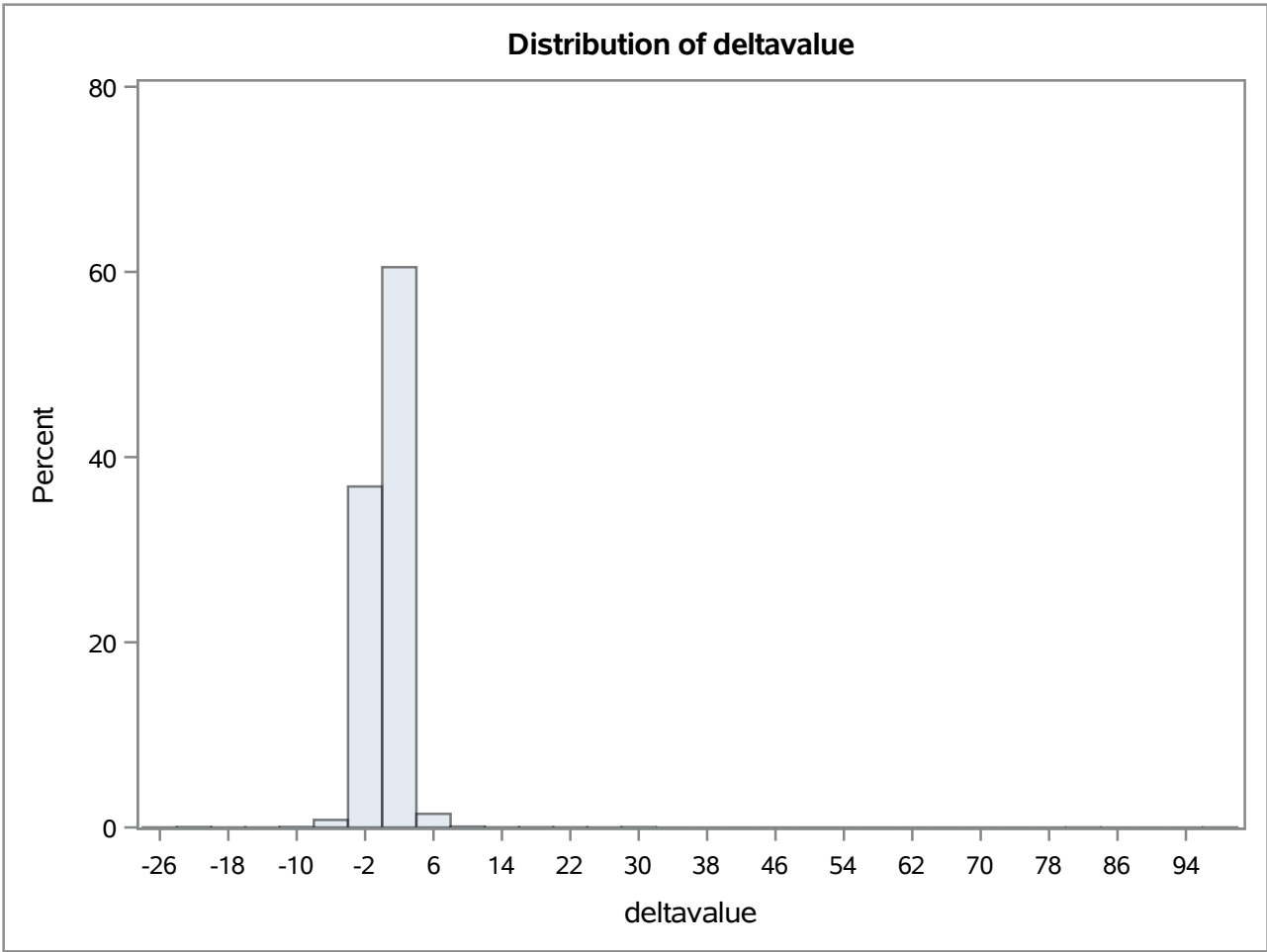
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Base Excess

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-25.0	713891	30.0	715745
-24.0	711644	31.0	714763
-22.0	708904	31.6	708959
-21.9	712065	83.4	716771
-21.1	712883	98.0	707956

The UNIVARIATE Procedure

category=G. Blood gases longlabel=Base Excess



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=CO-Hb

Moments			
N	14398	Sum Weights	14398
Mean	0.00722323	Sum Observations	104
Std Deviation	1.42510968	Variance	2.03093761
Skewness	25.9798992	Kurtosis	3482.75907
Uncorrected SS	29240.16	Corrected SS	29239.4088
Coeff Variation	19729.5473	Std Error Mean	0.01187674

Basic Statistical Measures			
Location		Variability	
Mean	0.007223	Std Deviation	1.42511
Median	0.000000	Variance	2.03094
Mode	0.000000	Range	181.50000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0.608183	Pr > t	0.5431
Sign	M	-182	Pr >= M	0.0010
Signed Rank	S	-663334	Pr >= S	0.0860

Quantiles (Definition 5)	
Level	Quantile
100% Max	95.8
99%	1.1
95%	0.6
90%	0.4
75% Q3	0.2
50% Median	0.0
25% Q1	-0.2
10%	-0.4
5%	-0.6
1%	-1.1
0% Min	-85.7

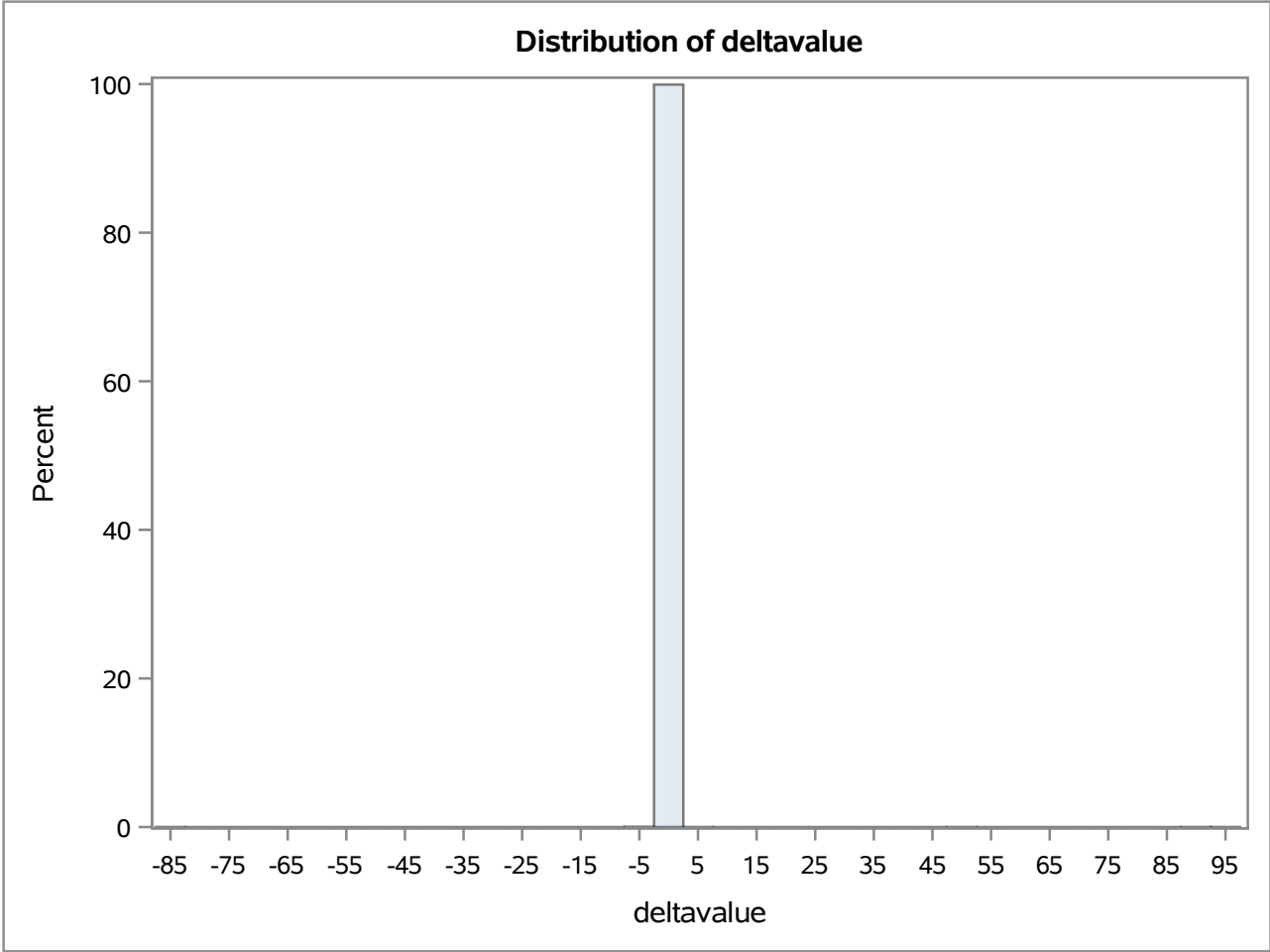
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=CO-Hb

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-85.7	718940	2.2	730738
-6.0	728607	2.5	724011
-5.0	723195	51.7	722327
-4.2	732360	88.6	722287
-2.8	730451	95.8	719134

The UNIVARIATE Procedure

category=G. Blood gases longlabel=CO-Hb



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Carbon Dioxide

Moments			
N	1094	Sum Weights	1094
Mean	0.06042048	Sum Observations	66.1
Std Deviation	3.81171885	Variance	14.5292006
Skewness	-0.0866281	Kurtosis	10.7657126
Uncorrected SS	15884.41	Corrected SS	15880.4162
Coeff Variation	6308.65419	Std Error Mean	0.11524237

Basic Statistical Measures			
Location		Variability	
Mean	0.060420	Std Deviation	3.81172
Median	0.000000	Variance	14.52920
Mode	0.000000	Range	53.50000
		Interquartile Range	2.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0.52429	Pr > t	0.6002
Sign	M	13	Pr >= M	0.4144
Signed Rank	S	7350.5	Pr >= S	0.3742

Quantiles (Definition 5)	
Level	Quantile
100% Max	27.4
99%	12.0
95%	6.0
90%	3.4
75% Q3	1.4
50% Median	0.0
25% Q1	-1.0
10%	-3.0
5%	-5.0
1%	-13.0
0% Min	-26.1

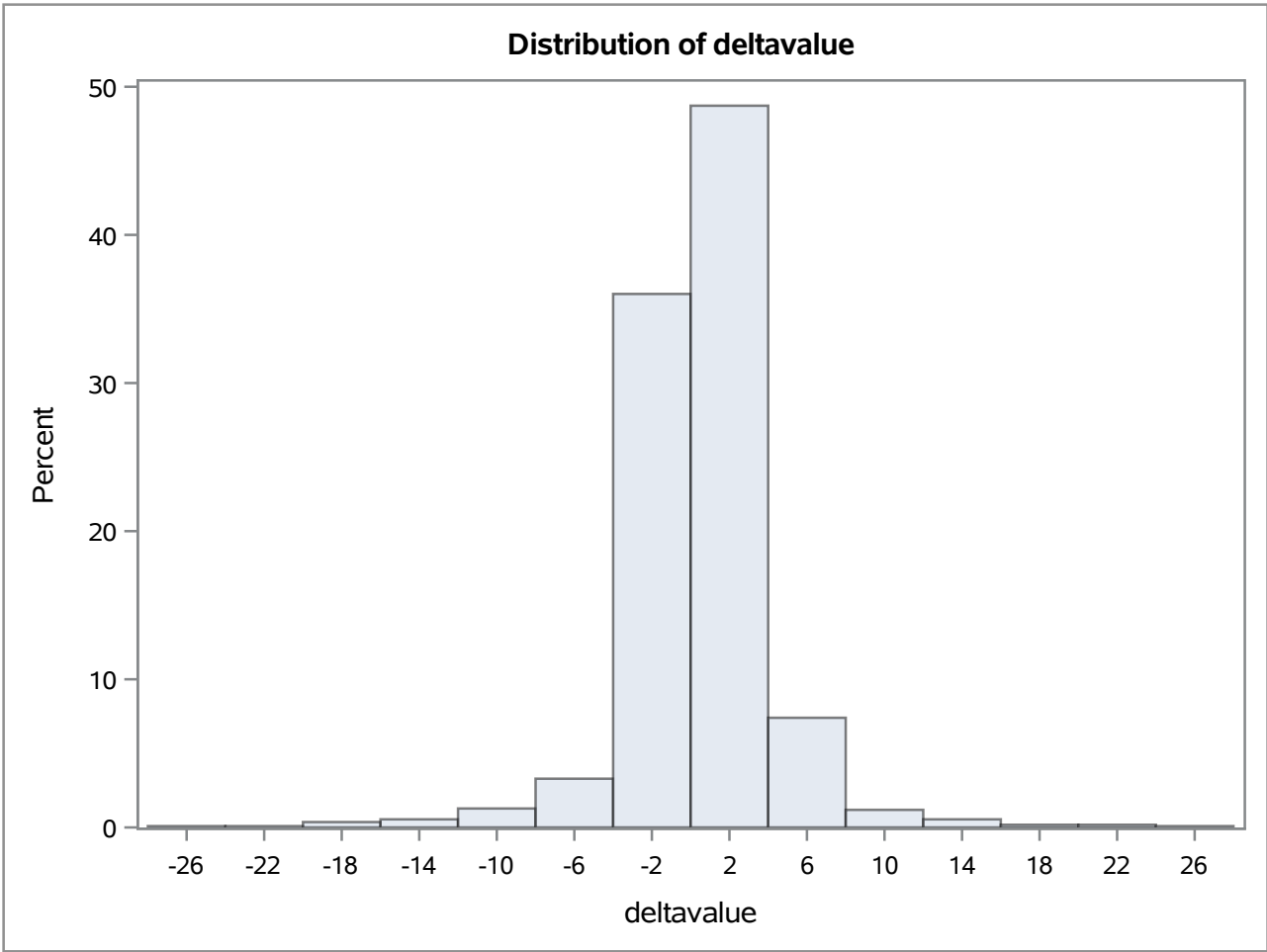
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Carbon Dioxide

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-26.1	732846	17.0	732932
-21.0	732924	17.0	733626
-20.0	733242	21.0	733450
-18.0	733261	23.8	733299
-17.0	733083	27.4	733390

The UNIVARIATE Procedure

category=G. Blood gases longlabel=Carbon Dioxide



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Lactate

Moments			
N	19155	Sum Weights	19155
Mean	-0.0567685	Sum Observations	-1087.4
Std Deviation	1.24770793	Variance	1.55677508
Skewness	-31.604626	Kurtosis	2604.26805
Uncorrected SS	29880.2	Corrected SS	29818.47
Coeff Variation	-2197.889	Std Error Mean	0.00901513

Basic Statistical Measures			
Location		Variability	
Mean	-0.05677	Std Deviation	1.24771
Median	0.00000	Variance	1.55678
Mode	0.00000	Range	119.90000
		Interquartile Range	0.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-6.29702	Pr > t	<.0001
Sign	M	-102.5	Pr >= M	0.1142
Signed Rank	S	-3523621	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	15.3
99%	2.5
95%	1.0
90%	0.6
75% Q3	0.2
50% Median	0.0
25% Q1	-0.3
10%	-0.8
5%	-1.3
1%	-3.3
0% Min	-104.6

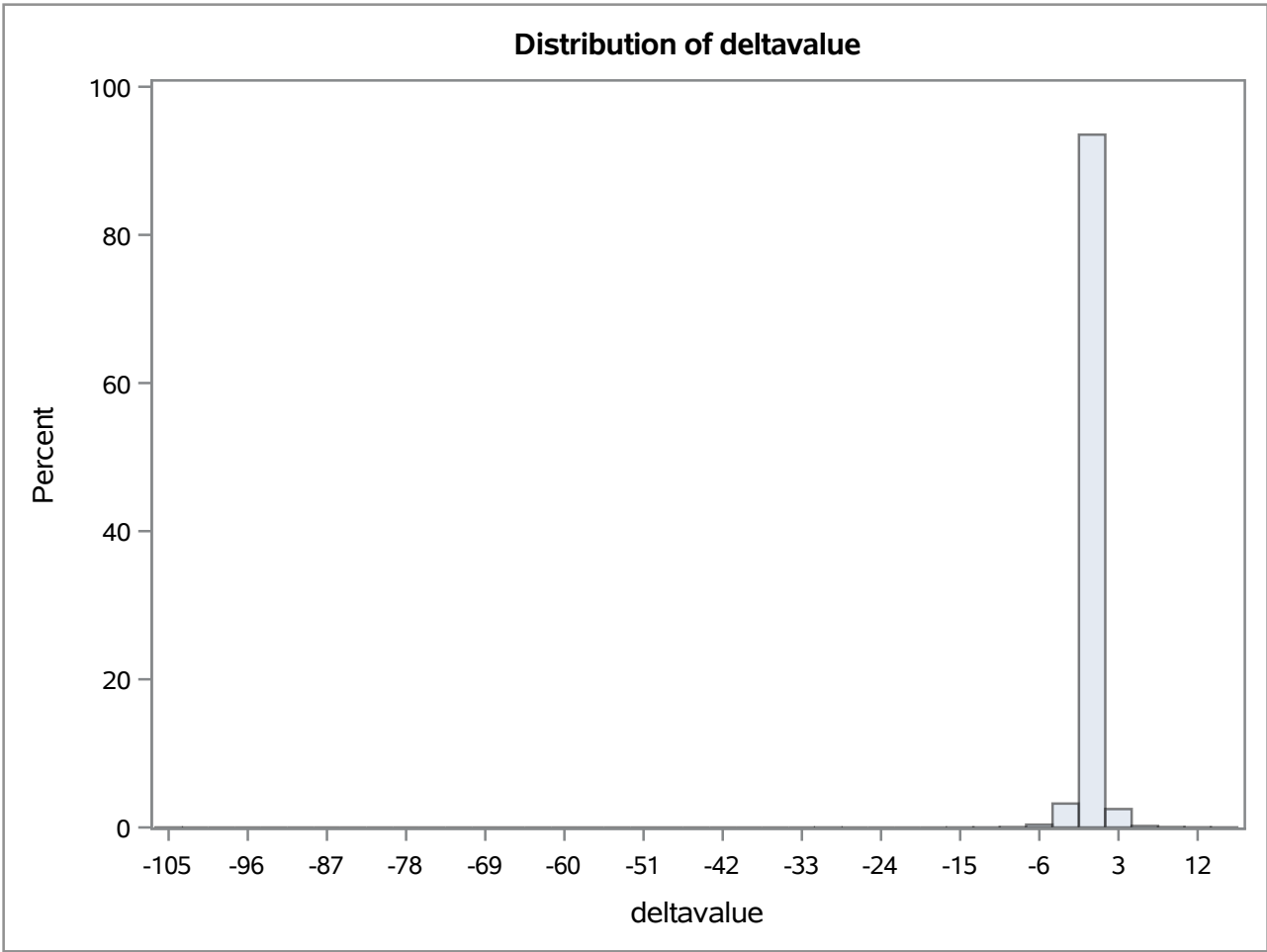
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Lactate

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-104.6	735076	11.6	737047
-31.0	742504	12.8	735768
-15.8	739106	12.8	752171
-13.3	751912	13.6	740978
-12.2	739992	15.3	742772

The UNIVARIATE Procedure

category=G. Blood gases longlabel=Lactate



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Methemoglobin

Moments			
N	15892	Sum Weights	15892
Mean	-0.0009627	Sum Observations	-15.3
Std Deviation	0.37891997	Variance	0.14358035
Skewness	0.42935235	Kurtosis	39.8586766
Uncorrected SS	2281.65	Corrected SS	2281.63527
Coeff Variation	-39358.145	Std Error Mean	0.00300579

Basic Statistical Measures			
Location		Variability	
Mean	-0.00096	Std Deviation	0.37892
Median	0.00000	Variance	0.14358
Mode	0.00000	Range	17.00000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.3203	Pr > t	0.7487
Sign	M	-88	Pr >= M	0.1263
Signed Rank	S	-509404	Pr >= S	0.2390

Quantiles (Definition 5)	
Level	Quantile
100% Max	9.6
99%	1.1
95%	0.6
90%	0.4
75% Q3	0.2
50% Median	0.0
25% Q1	-0.2
10%	-0.4
5%	-0.6
1%	-1.1
0% Min	-7.4

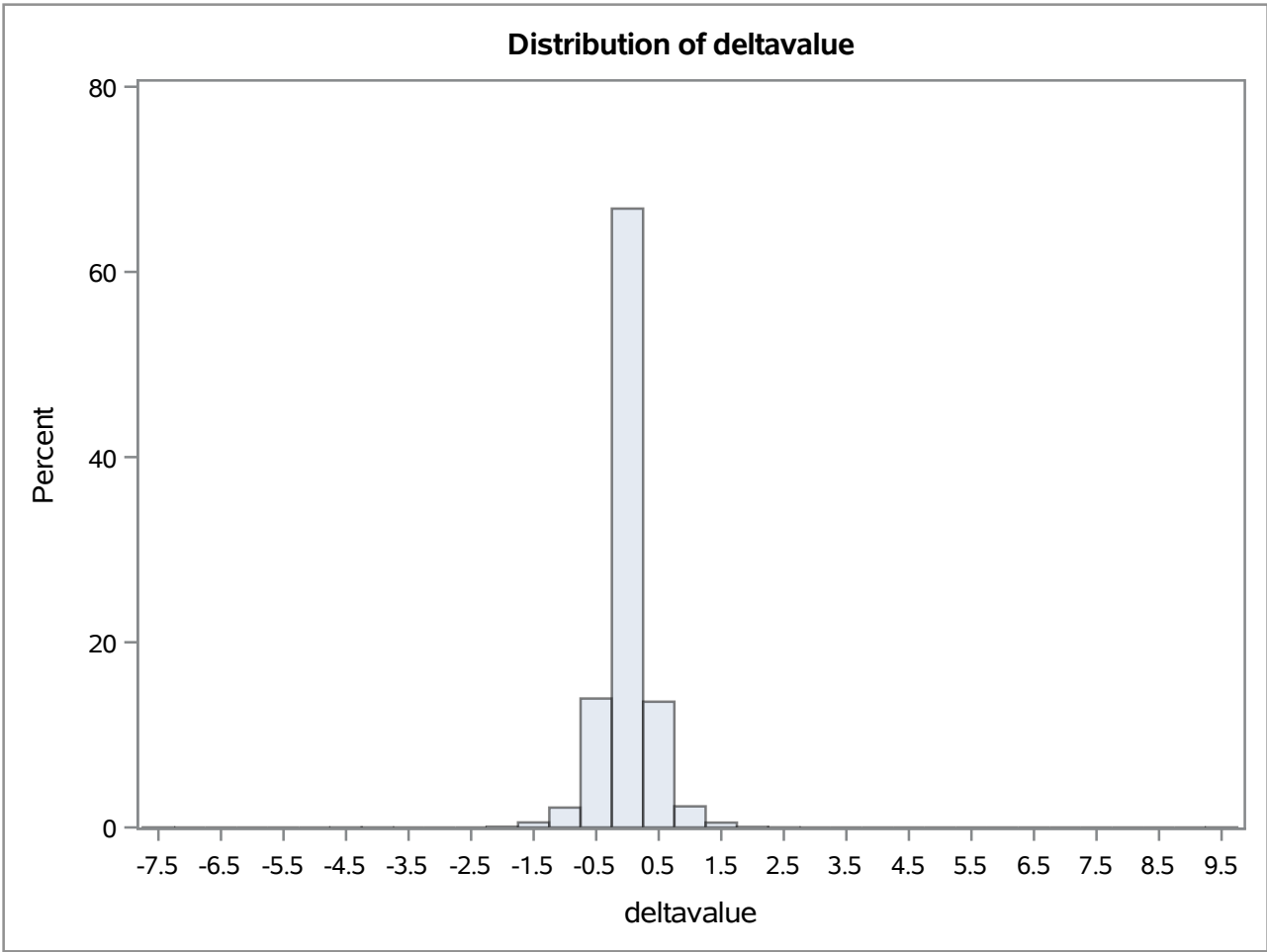
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Methemoglobin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-7.4	756736	1.9	754098
-4.3	754750	2.0	761915
-4.0	754838	2.3	768490
-2.0	753791	2.5	765875
-1.9	756688	9.6	763155

The UNIVARIATE Procedure

category=G. Blood gases longlabel=Methemoglobin



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=PaCO2

Moments			
N	16808	Sum Weights	16808
Mean	0.01788256	Sum Observations	300.57
Std Deviation	5.77362509	Variance	33.3347466
Skewness	-121.35329	Kurtosis	15431.1584
Uncorrected SS	560262.462	Corrected SS	560257.087
Coeff Variation	32286.3527	Std Error Mean	0.04453388

Basic Statistical Measures			
Location		Variability	
Mean	0.017883	Std Deviation	5.77363
Median	0.000000	Variance	33.33475
Mode	0.000000	Range	821.70000
		Interquartile Range	0.70000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0.401549	Pr > t	0.6880
Sign	M	369	Pr >= M	<.0001
Signed Rank	S	3945283	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	89.1
99%	2.8
95%	1.3
90%	0.9
75% Q3	0.4
50% Median	0.0
25% Q1	-0.3
10%	-0.7
5%	-1.1
1%	-2.3
0% Min	-732.6

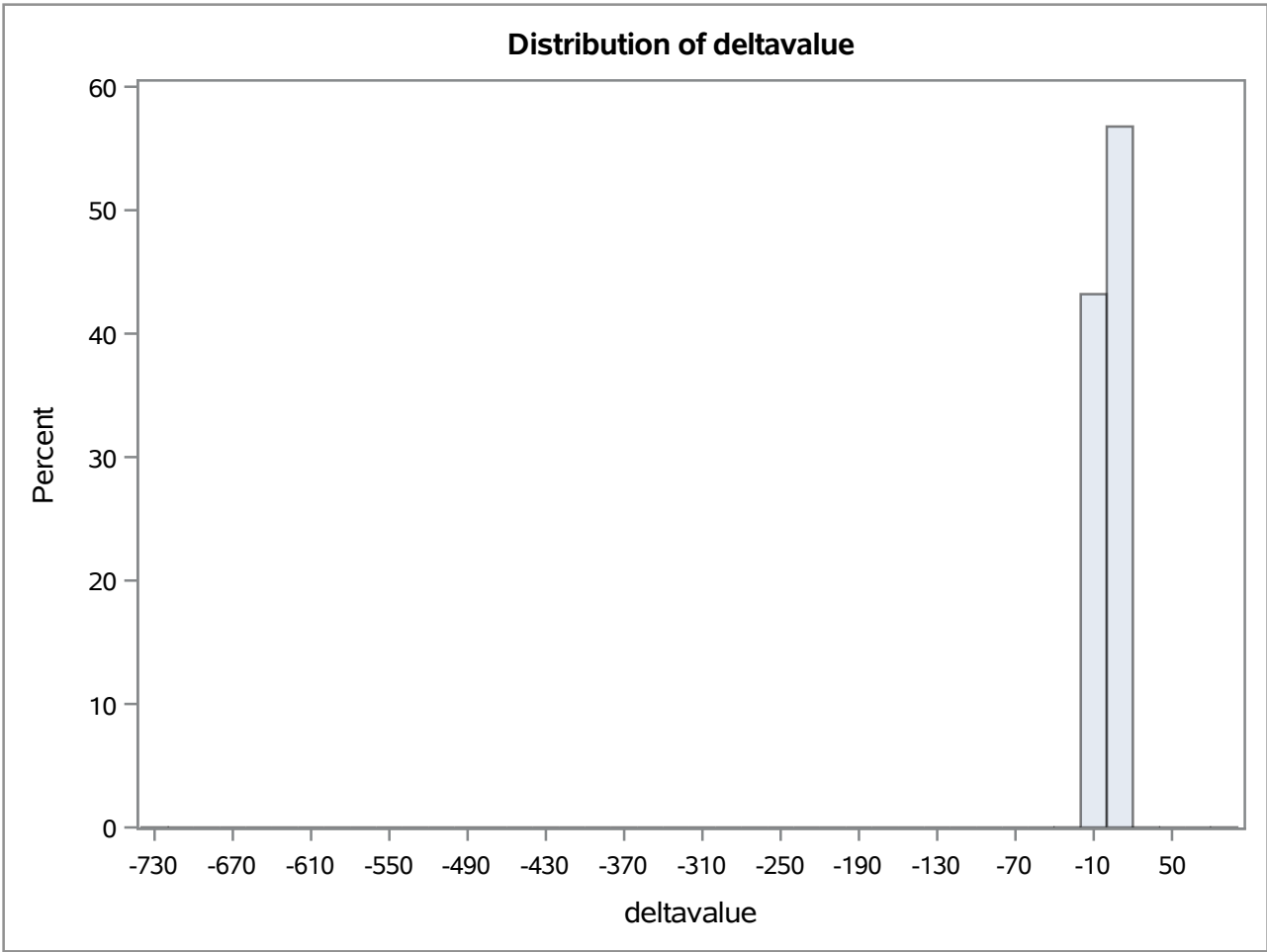
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=PaCO2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-732.6	775295	10.1	771390
-39.1	776490	10.5	784865
-8.8	777167	11.7	779714
-8.7	776726	39.4	776489
-6.8	772221	89.1	778426

The UNIVARIATE Procedure

category=G. Blood gases longlabel=PaCO2



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=PaO2

Moments			
N	16802	Sum Weights	16802
Mean	-0.8514707	Sum Observations	-14306.41
Std Deviation	7.07373877	Variance	50.0377801
Skewness	-0.9024231	Kurtosis	17.388181
Uncorrected SS	852866.233	Corrected SS	840684.744
Coeff Variation	-830.76718	Std Error Mean	0.05457183

Basic Statistical Measures			
Location		Variability	
Mean	-0.85147	Std Deviation	7.07374
Median	-0.10000	Variance	50.03778
Mode	0.00000	Range	204.00000
		Interquartile Range	3.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-15.6028	Pr > t 	<.0001
Sign	M	-898.5	Pr >= M 	<.0001
Signed Rank	S	-9362705	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	94.0
99%	20.0
95%	7.0
90%	4.0
75% Q3	1.0
50% Median	-0.1
25% Q1	-2.0
10%	-6.1
5%	-12.0
1%	-27.4
0% Min	-110.0

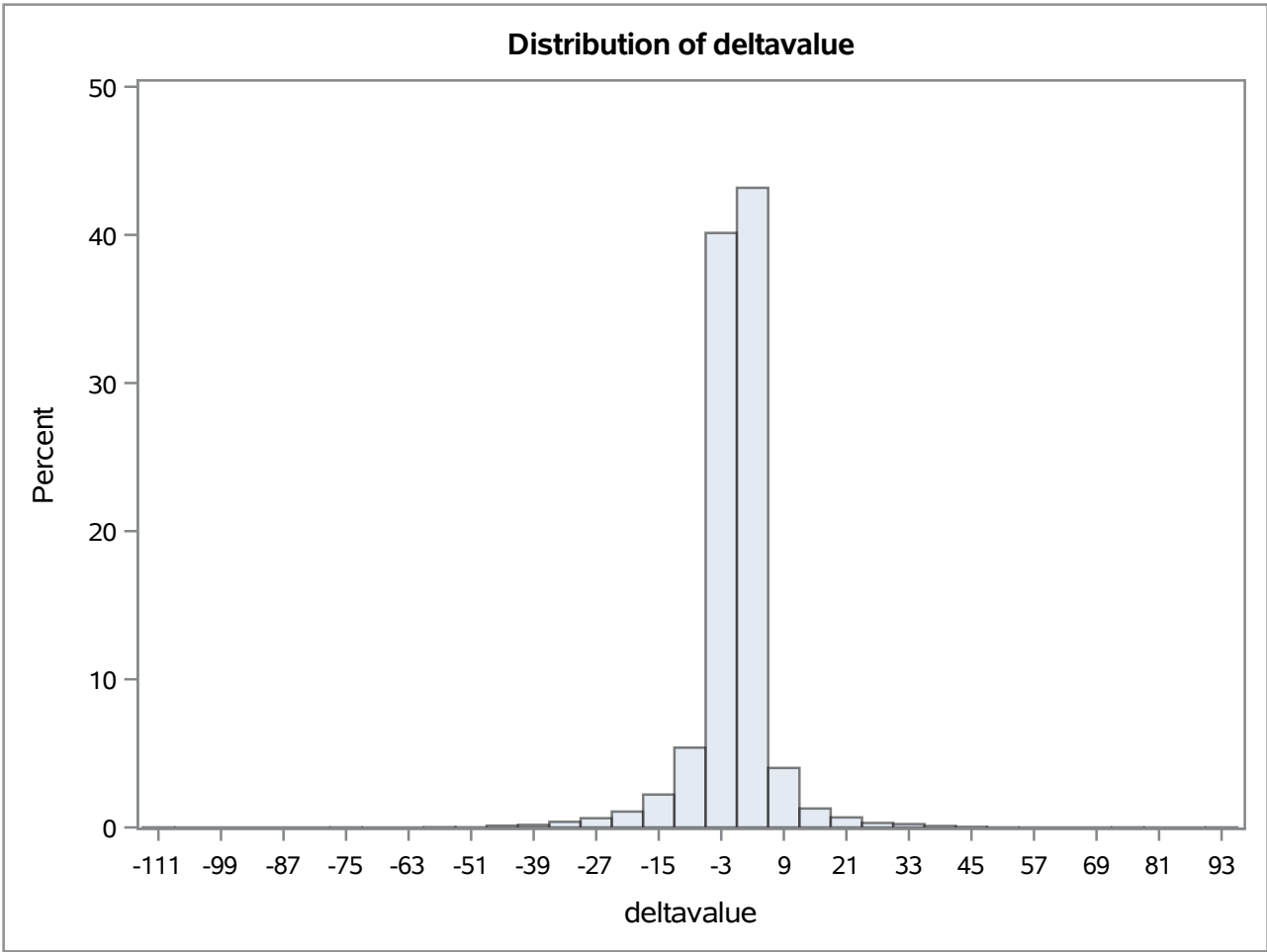
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=PaO2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-110.0	796146	46.0	797648
-73.6	796793	47.6	788951
-60.0	788958	51.8	788354
-58.8	796519	76.0	798148
-56.0	801651	94.0	790607

The UNIVARIATE Procedure

category=G. Blood gases longlabel=PaO2



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=pH

Moments			
N	20628	Sum Weights	20628
Mean	0.0684571	Sum Observations	1412.133
Std Deviation	7.32253875	Variance	53.6195737
Skewness	97.5597905	Kurtosis	9803.45134
Uncorrected SS	1106107.62	Corrected SS	1106010.95
Coeff Variation	10696.537	Std Error Mean	0.05098391

Basic Statistical Measures			
Location		Variability	
Mean	0.068457	Std Deviation	7.32254
Median	0.000000	Variance	53.61957
Mode	0.000000	Range	873.20000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.34272	Pr > t	0.1794
Sign	M	-45.5	Pr >= M	0.2860
Signed Rank	S	-71627	Pr >= S	0.6715

Quantiles (Definition 5)	
Level	Quantile
100% Max	741.6
99%	0.2
95%	0.1
90%	0.1
75% Q3	0.0
50% Median	0.0
25% Q1	0.0
10%	-0.1
5%	-0.1
1%	-0.2
0% Min	-131.6

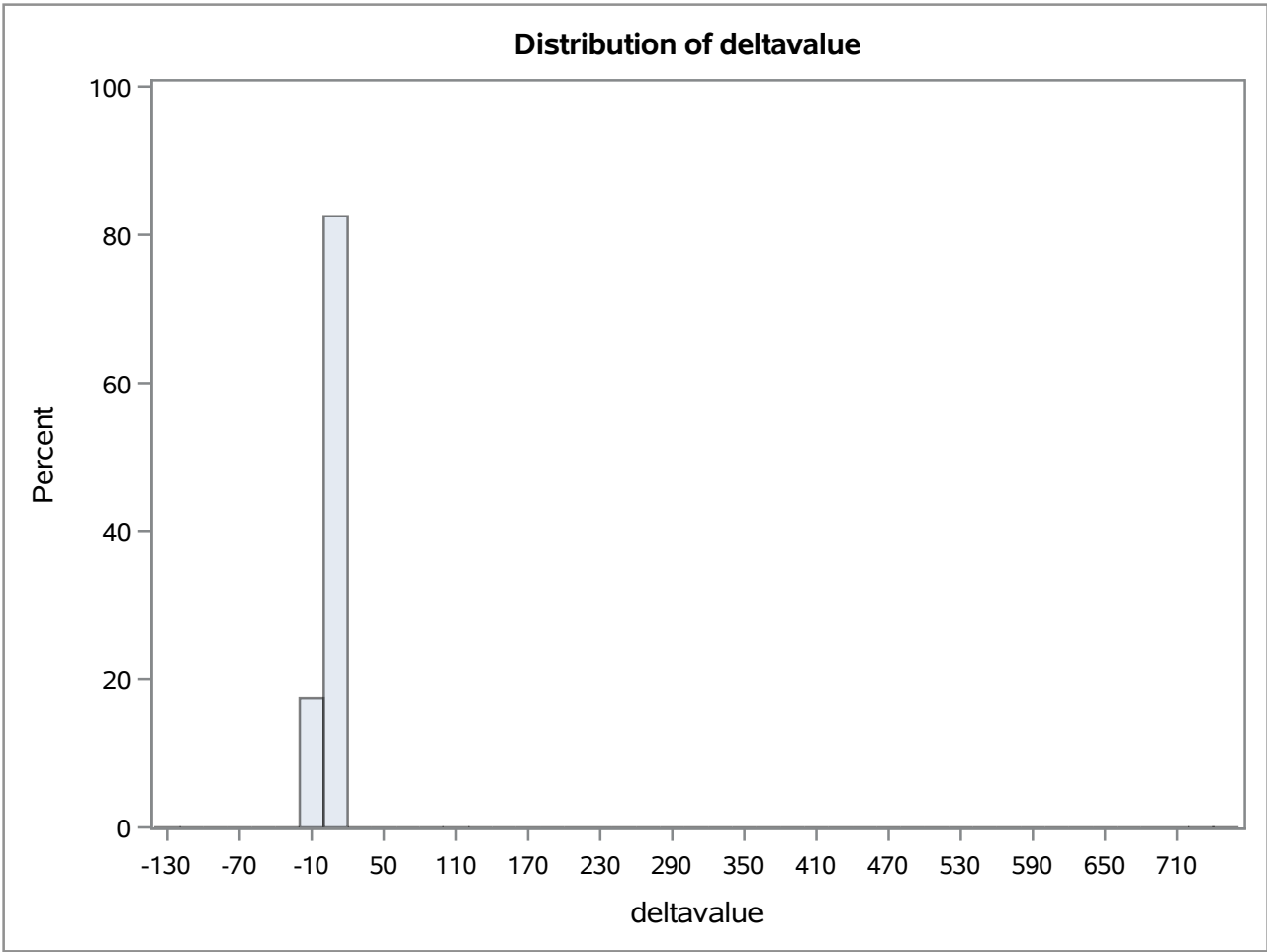
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=pH

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-131.6	806101	3.0	819727
-7.5	807366	7.4	803194
-7.1	802931	102.7	804035
-3.0	815091	726.6	819238
-3.0	804336	741.6	806140

The UNIVARIATE Procedure

category=G. Blood gases longlabel=pH



The UNIVARIATE Procedure
Variable: deltavalue

category=H. Inflammation longlabel=CRP

Moments			
N	48864	Sum Weights	48864
Mean	1.75579568	Sum Observations	85795.2
Std Deviation	51.2421812	Variance	2625.76114
Skewness	0.39499885	Kurtosis	12.1011664
Uncorrected SS	128453205	Corrected SS	128302566
Coeff Variation	2918.45924	Std Error Mean	0.2318105

Basic Statistical Measures			
Location		Variability	
Mean	1.75580	Std Deviation	51.24218
Median	-1.00000	Variance	2626
Mode	0.00000	Range	1538
		Interquartile Range	37.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	7.574272	Pr > t	<.0001
Sign	M	-1297.5	Pr >= M	<.0001
Signed Rank	S	-1.163E7	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	765
99%	169
95%	91
90%	57
75% Q3	18
50% Median	-1
25% Q1	-19
10%	-50
5%	-75
1%	-129
0% Min	-773

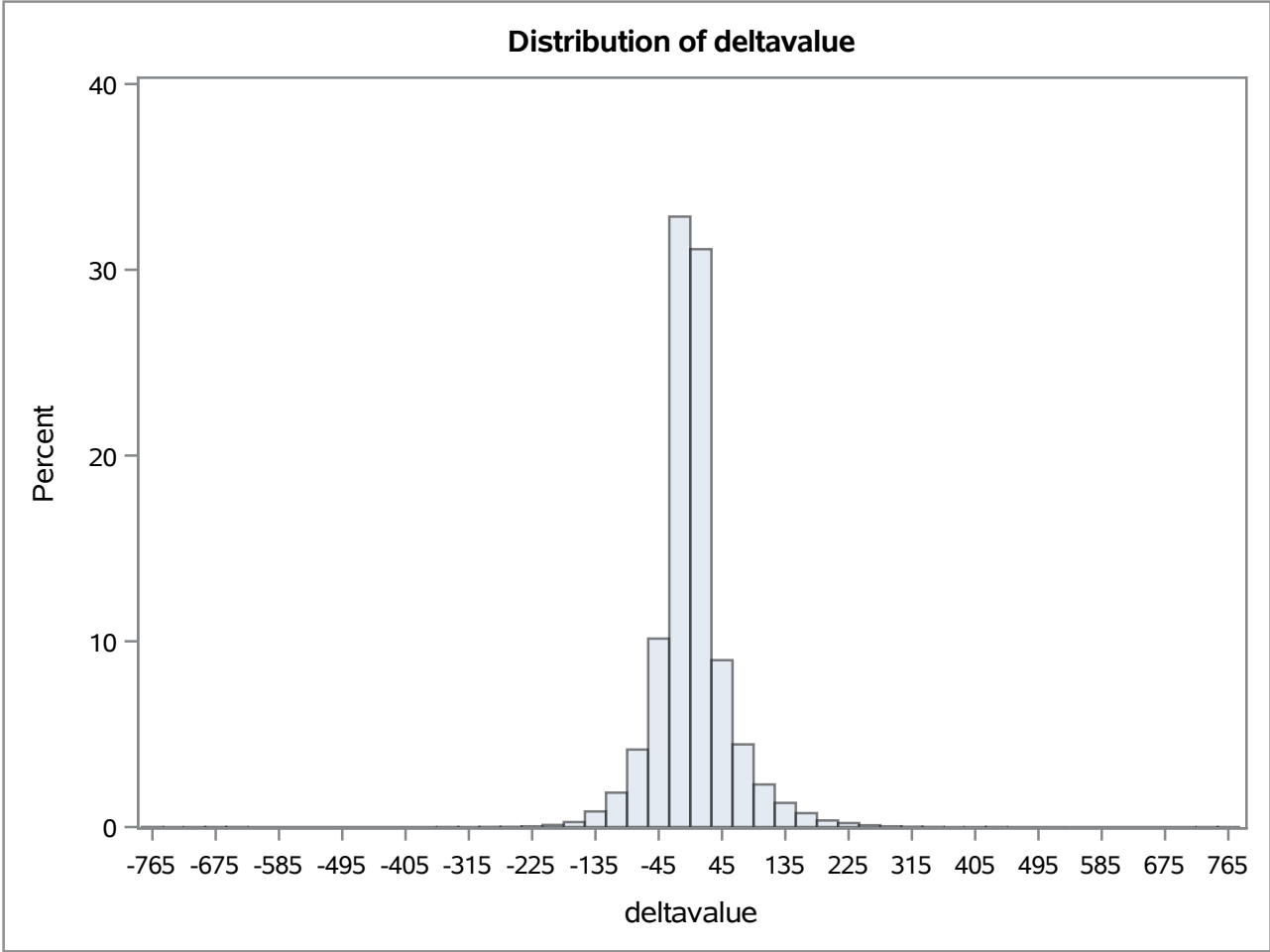
The UNIVARIATE Procedure
Variable: deltavalue

category=H. Inflammation longlabel=CRP

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-773	861212	426	855000
-752	868814	429	850526
-751	826905	440	856027
-692	859836	747	826675
-673	828782	765	825456

The UNIVARIATE Procedure

category=H. Inflammation longlabel=CRP



The UNIVARIATE Procedure
Variable: deltavalue

category=H. Inflammation longlabel=Sedimentation rate

Moments			
N	90	Sum Weights	90
Mean	-5.422222	Sum Observations	-488
Std Deviation	15.8652881	Variance	251.707366
Skewness	0.70738328	Kurtosis	4.44825437
Uncorrected SS	25048	Corrected SS	22401.9556
Coeff Variation	-292.59753	Std Error Mean	1.6723482

Basic Statistical Measures			
Location		Variability	
Mean	-5.42222	Std Deviation	15.86529
Median	-6.00000	Variance	251.70737
Mode	-3.00000	Range	121.00000
		Interquartile Range	16.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-3.24228	Pr > t	0.0017
Sign	M	-20.5	Pr >= M	<.0001
Signed Rank	S	-989.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	61
99%	61
95%	22
90%	11
75% Q3	1
50% Median	-6
25% Q1	-15
10%	-20
5%	-26
1%	-60
0% Min	-60

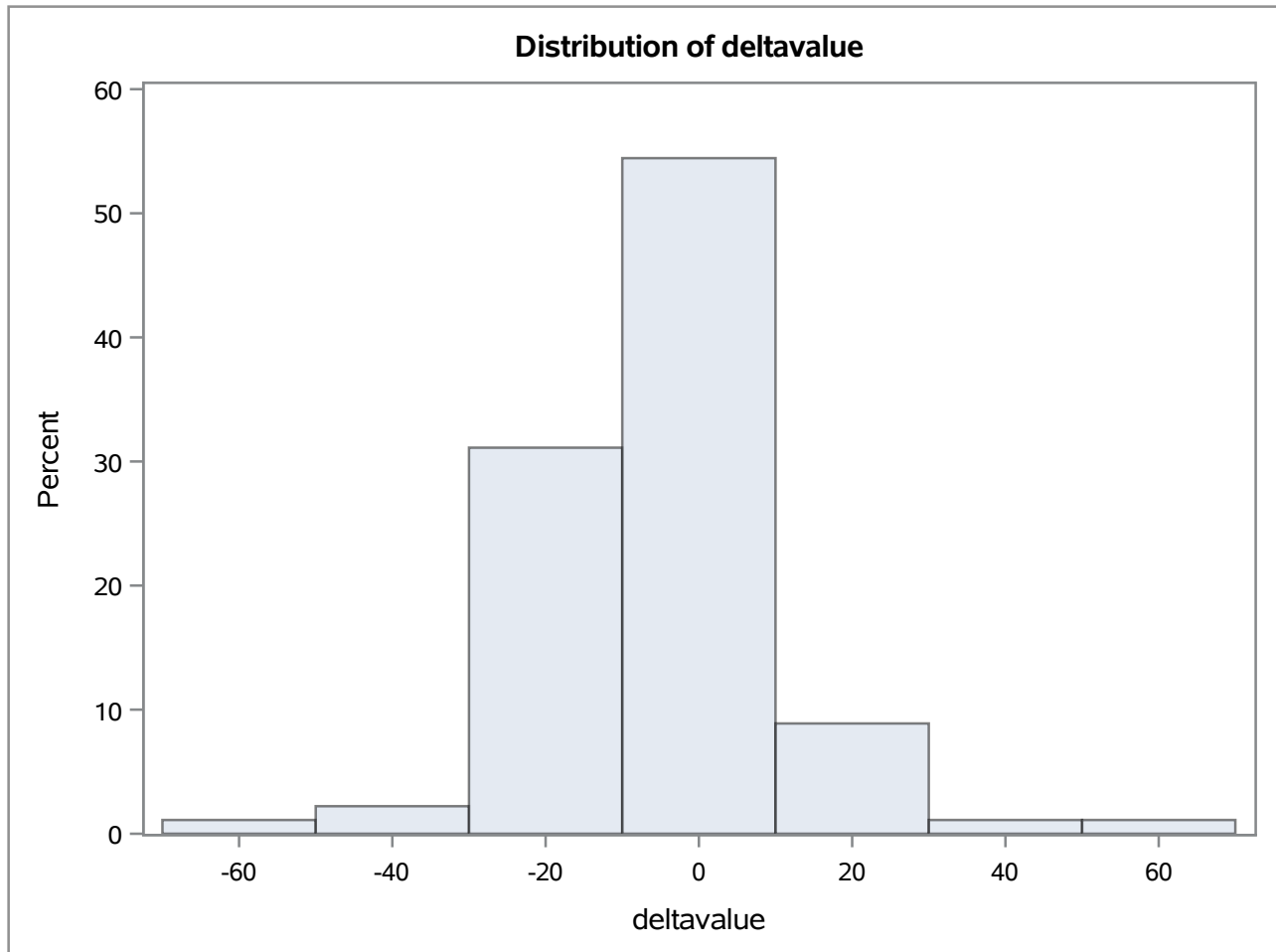
The UNIVARIATE Procedure
Variable: deltavalue

category=H. Inflammation longlabel=Sedimentation rate

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-60	871933	22	871861
-39	871915	22	871932
-31	871927	27	871919
-29	871885	42	871887
-26	871931	61	871916

The UNIVARIATE Procedure

category=H. Inflammation longlabel=Sedimentation rate



The UNIVARIATE Procedure
Variable: deltavalue

category=l. Iron status longlabel=Ferritin

Moments			
N	2628	Sum Weights	2628
Mean	6.3608828	Sum Observations	16716.4
Std Deviation	216.563733	Variance	46899.8506
Skewness	0.28396748	Kurtosis	6.6832966
Uncorrected SS	123312239	Corrected SS	123205908
Coeff Variation	3404.61757	Std Error Mean	4.22447797

Basic Statistical Measures			
Location		Variability	
Mean	6.360883	Std Deviation	216.56373
Median	1.000000	Variance	46900
Mode	1.000000	Range	1781
		Interquartile Range	81.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.50572	Pr > t	0.1323
Sign	M	25.5	Pr >= M	0.3269
Signed Rank	S	59205	Pr >= S	0.1222

Quantiles (Definition 5)	
Level	Quantile
100% Max	893
99%	808
95%	318
90%	141
75% Q3	43
50% Median	1
25% Q1	-38
10%	-138
5%	-290
1%	-780
0% Min	-888

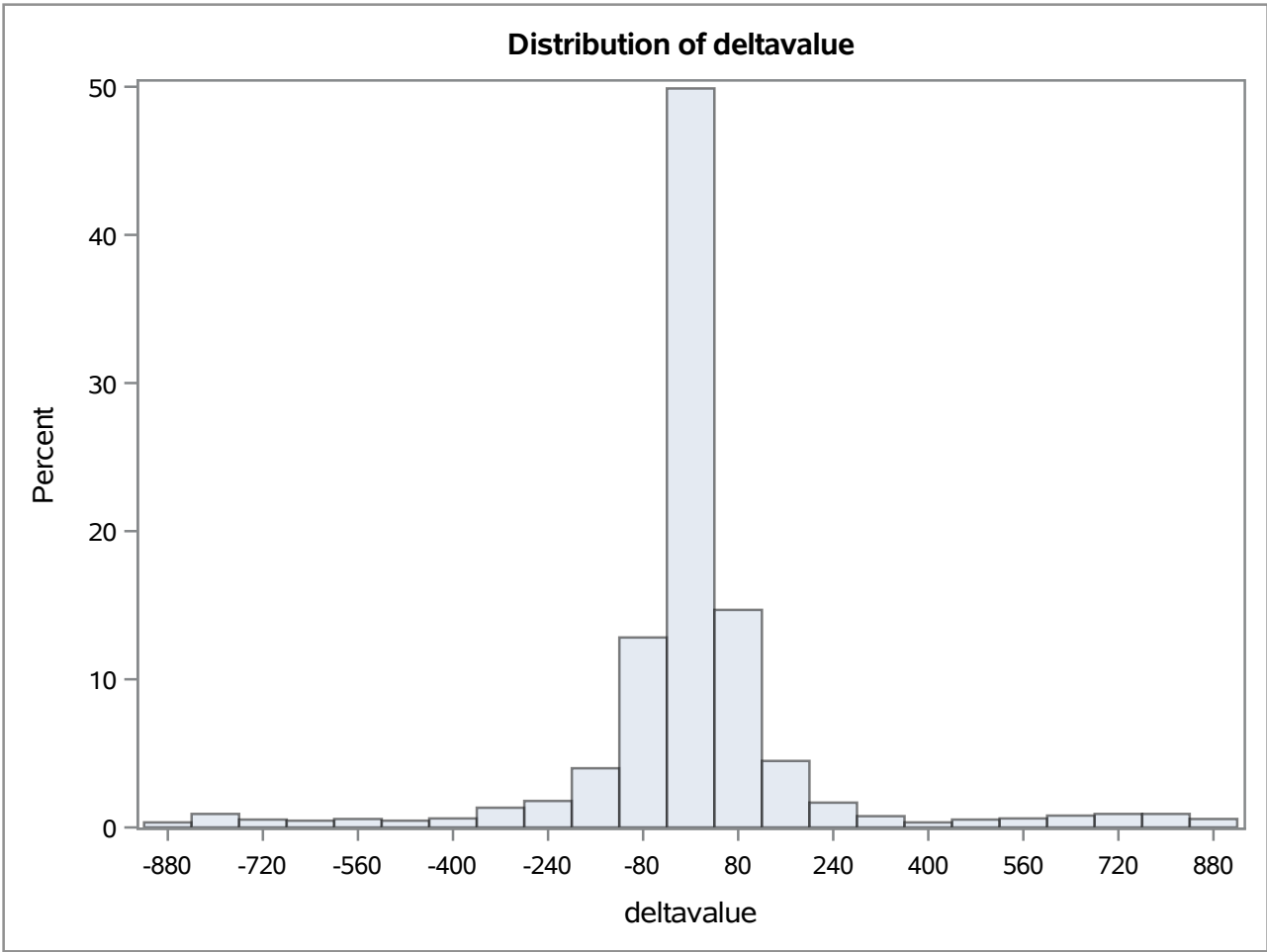
The UNIVARIATE Procedure
Variable: deltavalue

category=I. Iron status longlabel=Ferritin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-888	873497	871	873095
-882	873270	883	873404
-864	872708	884	873775
-862	872952	885	874521
-861	874066	893	872320

The UNIVARIATE Procedure

category=I. Iron status longlabel=Ferritin



The UNIVARIATE Procedure
Variable: deltavalue

category=I. Iron status longlabel=Iron

Moments			
N	1457	Sum Weights	1457
Mean	7.35552505	Sum Observations	10717
Std Deviation	223.803681	Variance	50088.0878
Skewness	0.33188107	Kurtosis	6.48882983
Uncorrected SS	73007085	Corrected SS	72928255.8
Coeff Variation	3042.66085	Std Error Mean	5.86323701

Basic Statistical Measures			
Location		Variability	
Mean	7.355525	Std Deviation	223.80368
Median	1.000000	Variance	50088
Mode	0.000000	Range	1811
		Interquartile Range	83.00000

Note: The mode displayed is the smallest of 2 modes with a count of 33.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.254516	Pr > t	0.2099
Sign	M	39	Pr >= M	0.0413
Signed Rank	S	27277.5	Pr >= S	0.0788

Quantiles (Definition 5)	
Level	Quantile
100% Max	949
99%	818
95%	325
90%	156
75% Q3	45
50% Median	1
25% Q1	-38
10%	-146
5%	-302
1%	-781
0% Min	-862

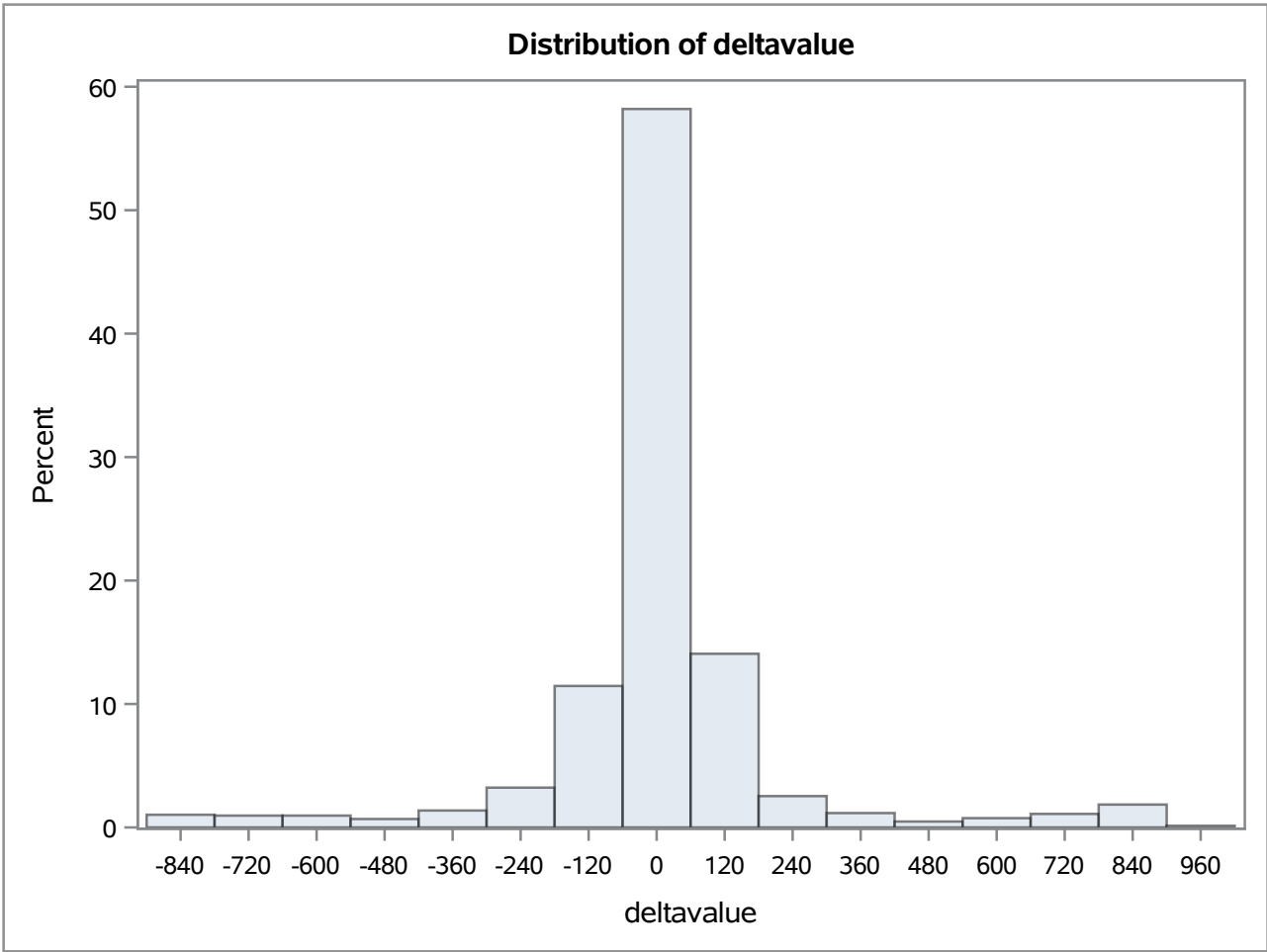
The UNIVARIATE Procedure
Variable: deltavalue

category=I. Iron status longlabel=Iron

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-862	875123	865	875885
-861	875729	871	875199
-853	875878	885	875994
-851	875995	937	874622
-850	875308	949	875677

The UNIVARIATE Procedure

category=l. Iron status longlabel=Iron



The UNIVARIATE Procedure
Variable: deltavalue

category=I. Iron status longlabel=Transferrin

Moments			
N	59	Sum Weights	59
Mean	-0.0525424	Sum Observations	-3.1
Std Deviation	0.21604273	Variance	0.04667446
Skewness	-0.0384521	Kurtosis	1.88734149
Uncorrected SS	2.87	Corrected SS	2.70711864
Coeff Variation	-411.17809	Std Error Mean	0.02812637

Basic Statistical Measures			
Location		Variability	
Mean	-0.05254	Std Deviation	0.21604
Median	0.00000	Variance	0.04667
Mode	0.00000	Range	1.20000
		Interquartile Range	0.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-1.86808	Pr > t	0.0668
Sign	M	-6	Pr >= M	0.0961
Signed Rank	S	-185	Pr >= S	0.0289

Quantiles (Definition 5)	
Level	Quantile
100% Max	0.6
99%	0.6
95%	0.2
90%	0.2
75% Q3	0.1
50% Median	0.0
25% Q1	-0.2
10%	-0.3
5%	-0.5
1%	-0.6
0% Min	-0.6

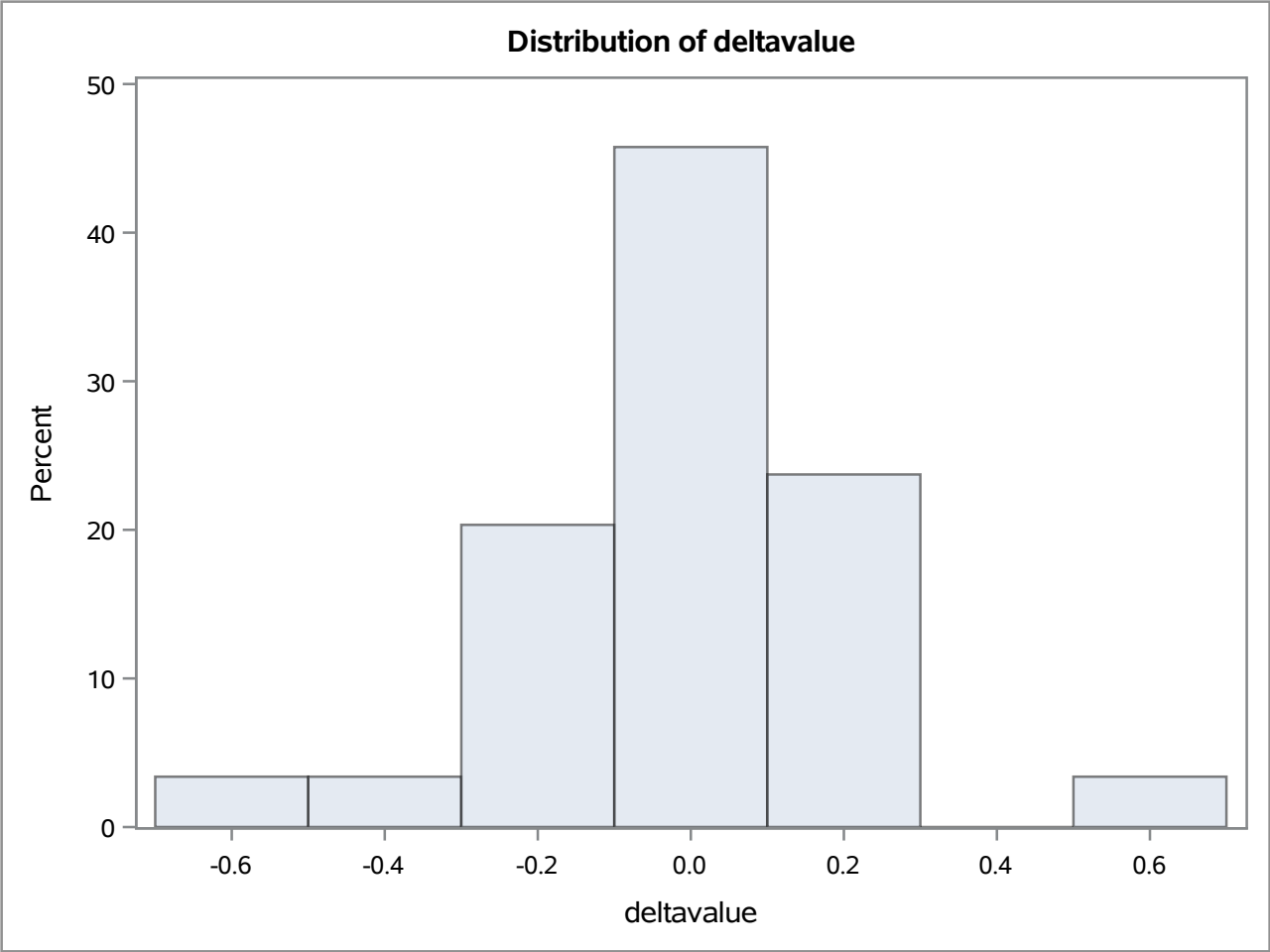
The UNIVARIATE Procedure
Variable: deltavalue

category=I. Iron status longlabel=Transferrin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.6	876041	0.2	876053
-0.6	876063	0.2	876060
-0.5	876067	0.2	876077
-0.5	876026	0.5	876055
-0.3	876027	0.6	876051

The UNIVARIATE Procedure

category=I. Iron status longlabel=Transferrin



The UNIVARIATE Procedure
Variable: deltavalue

category=J. Cardiac markers longlabel=NT-ProBNP

Moments			
N	845	Sum Weights	845
Mean	-6.7822485	Sum Observations	-5731
Std Deviation	331.423059	Variance	109841.244
Skewness	-0.0534085	Kurtosis	1.20432414
Uncorrected SS	92744879	Corrected SS	92706009.9
Coeff Variation	-4886.6251	Std Error Mean	11.4012998

Basic Statistical Measures			
Location		Variability	
Mean	-6.78225	Std Deviation	331.42306
Median	0.00000	Variance	109841
Mode	0.00000	Range	1761
		Interquartile Range	178.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.59487	Pr > t	0.5521
Sign	M	-22.5	Pr >= M	0.1149
Signed Rank	S	-7343	Pr >= S	0.2427

Quantiles (Definition 5)	
Level	Quantile
100% Max	889
99%	803
95%	676
90%	427
75% Q3	80
50% Median	0
25% Q1	-98
10%	-415
5%	-700
1%	-835
0% Min	-872

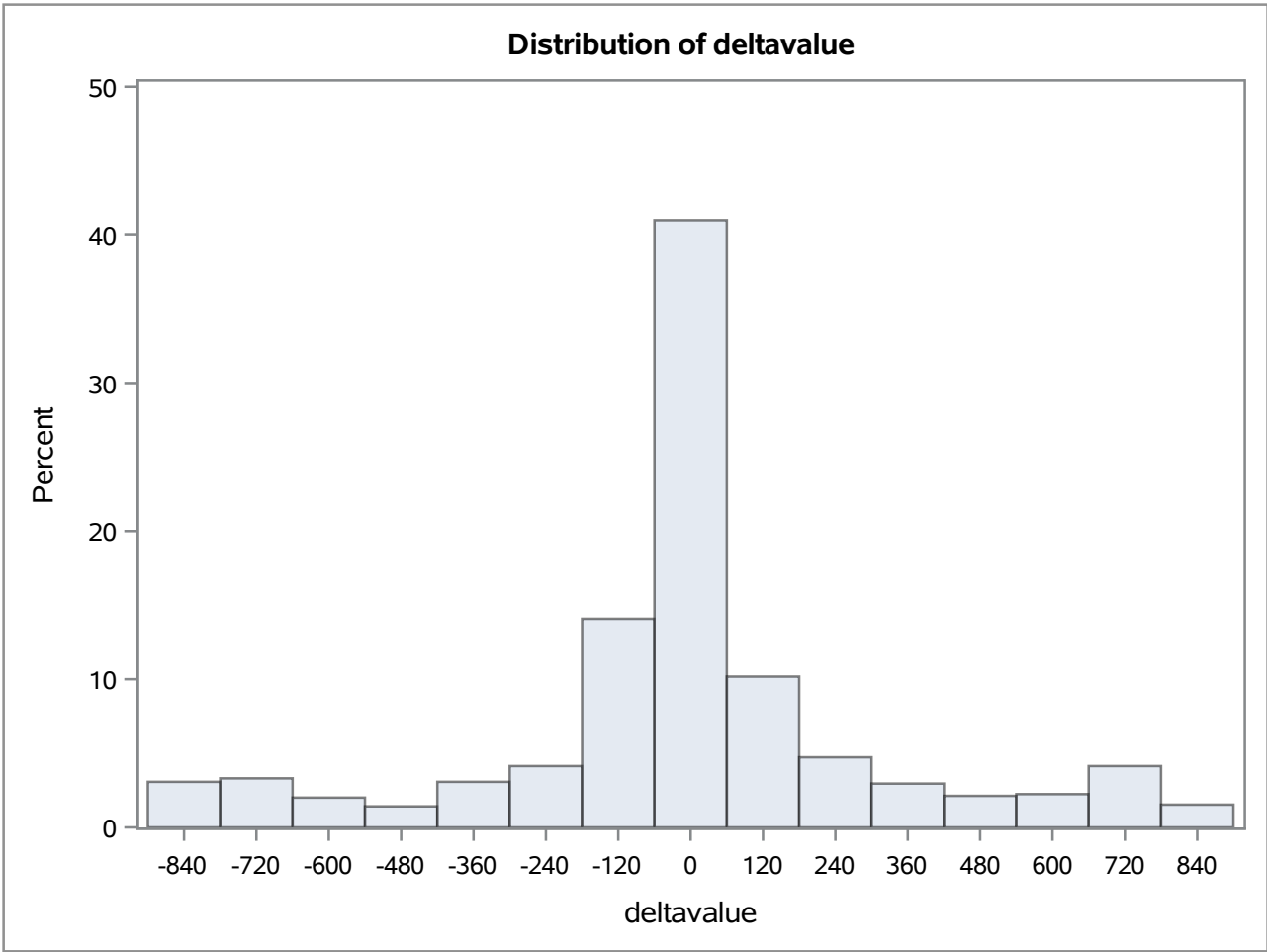
The UNIVARIATE Procedure
Variable: deltavalue

category=J. Cardiac markers longlabel=NT-ProBNP

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-872	876720	856	876733
-871	876238	861	876278
-861	876713	862	876302
-851	876701	878	876105
-848	876774	889	876348

The UNIVARIATE Procedure

category=J. Cardiac markers longlabel=NT-ProBNP



The UNIVARIATE Procedure
Variable: deltavalue

category=J. Cardiac markers longlabel=Troponin I

Moments			
N	605	Sum Weights	605
Mean	12.1353719	Sum Observations	7341.9
Std Deviation	105.26031	Variance	11079.7329
Skewness	9.12916111	Kurtosis	81.8187867
Uncorrected SS	6781255.37	Corrected SS	6692158.68
Coeff Variation	867.384297	Std Error Mean	4.27944017

Basic Statistical Measures			
Location		Variability	
Mean	12.13537	Std Deviation	105.26031
Median	0.00000	Variance	11080
Mode	0.00000	Range	1017
		Interquartile Range	0.10000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	2.835738	Pr > t	0.0047
Sign	M	34.5	Pr >= M	0.0002
Signed Rank	S	7006.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	998.3
99%	954.0
95%	7.8
90%	2.2
75% Q3	0.1
50% Median	0.0
25% Q1	0.0
10%	-0.4
5%	-1.6
1%	-7.0
0% Min	-19.0

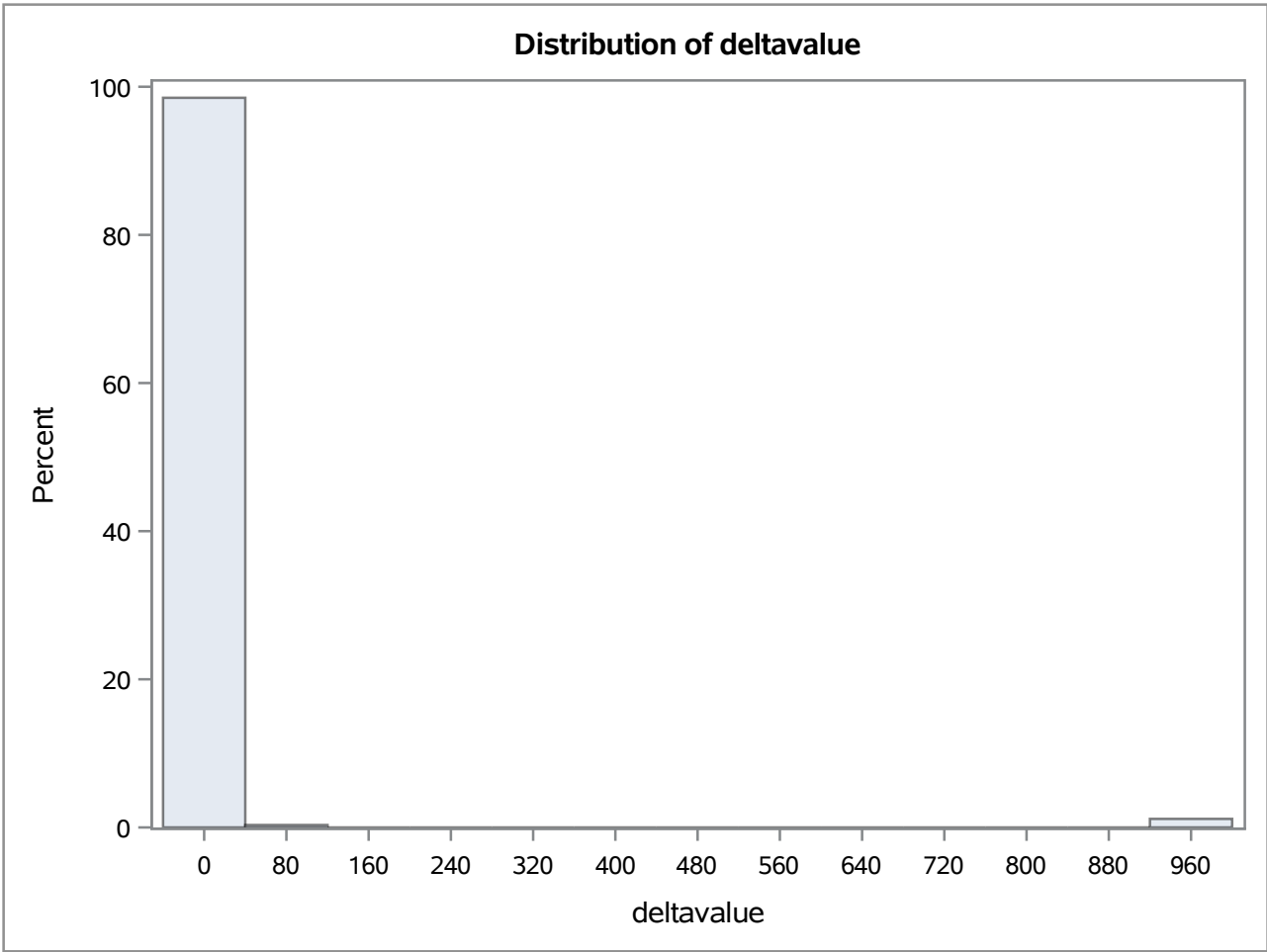
The UNIVARIATE Procedure
Variable: deltavalue

category=J. Cardiac markers longlabel=Troponin I

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-19	876957	982.0	877147
-14	877102	986.0	877060
-11	877329	992.8	877471
-9	877458	997.9	877180
-9	877029	998.3	877423

The UNIVARIATE Procedure

category=J. Cardiac markers longlabel=Troponin I



The UNIVARIATE Procedure
Variable: deltavalue

category=J. Cardiac markers longlabel=Troponin T

Moments			
N	4486	Sum Weights	4486
Mean	5.16814534	Sum Observations	23184.3
Std Deviation	139.189571	Variance	19373.7366
Skewness	0.33645296	Kurtosis	16.6338711
Uncorrected SS	87011028.6	Corrected SS	86891208.7
Coeff Variation	2693.22091	Std Error Mean	2.07815081

Basic Statistical Measures			
Location		Variability	
Mean	5.168145	Std Deviation	139.18957
Median	0.000000	Variance	19374
Mode	0.000000	Range	1904
		Interquartile Range	14.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	2.486896	Pr > t	0.0129
Sign	M	-30.5	Pr >= M	0.3325
Signed Rank	S	42193.5	Pr >= S	0.5381

Quantiles (Definition 5)	
Level	Quantile
100% Max	930
99%	590
95%	176
90%	67
75% Q3	7
50% Median	0
25% Q1	-7
10%	-53
5%	-128
1%	-518
0% Min	-974

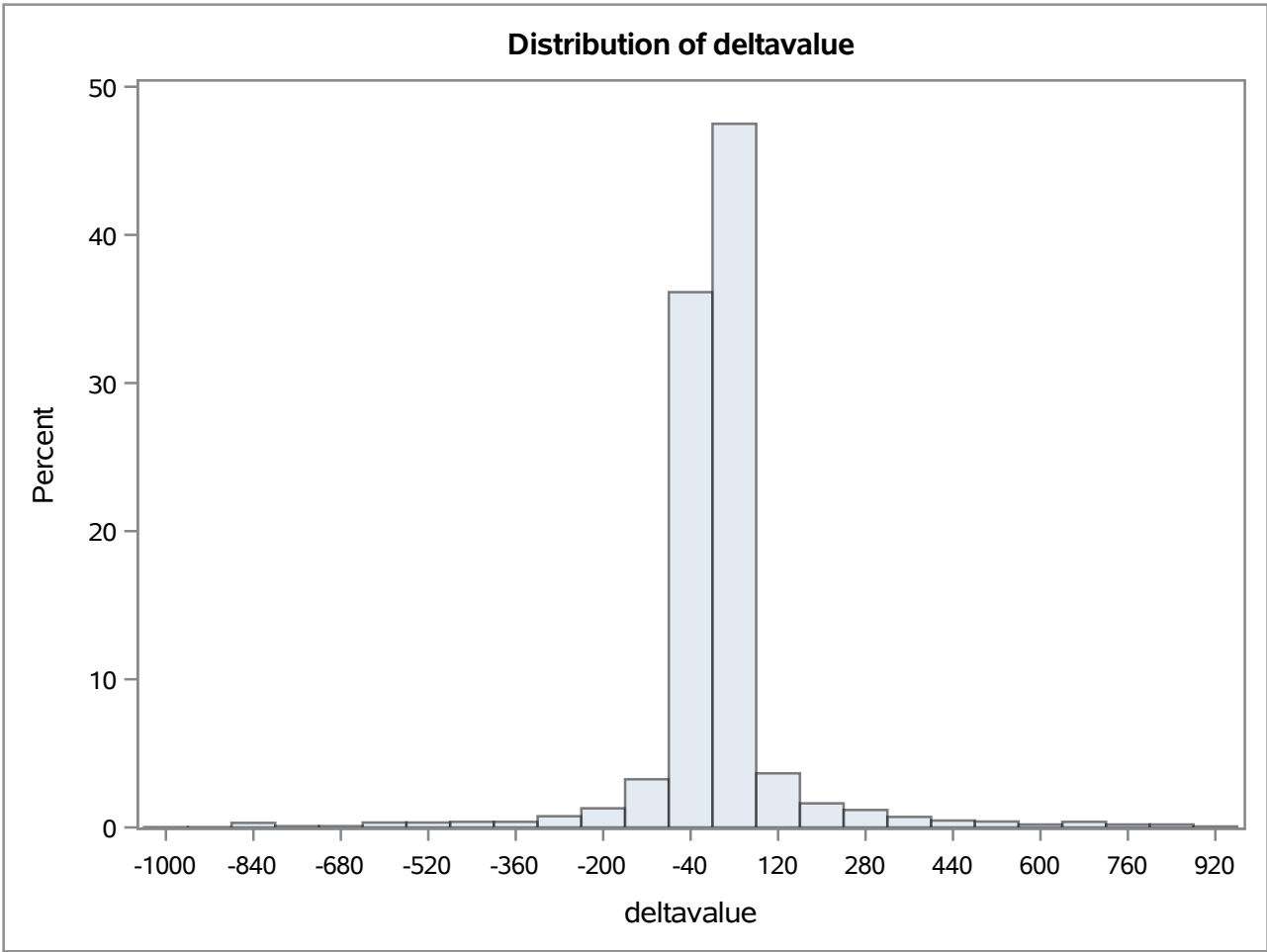
The UNIVARIATE Procedure
Variable: deltavalue

category=J. Cardiac markers longlabel=Troponin T

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-974	879102	873	878698
-892	878763	875	879385
-878	881219	886	878179
-872	881062	889	879829
-861	877879	930	877800

The UNIVARIATE Procedure

category=J. Cardiac markers longlabel=Troponin T



The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=Fibrinogen

Moments			
N	14106	Sum Weights	14106
Mean	0.10293492	Sum Observations	1452
Std Deviation	0.71271028	Variance	0.50795594
Skewness	-0.165243	Kurtosis	7.74749842
Uncorrected SS	7314.18	Corrected SS	7164.71849
Coeff Variation	692.389198	Std Error Mean	0.00600083

Basic Statistical Measures			
Location		Variability	
Mean	0.102935	Std Deviation	0.71271
Median	0.100000	Variance	0.50796
Mode	0.000000	Range	15.90000
		Interquartile Range	0.60000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	17.15346	Pr > t	<.0001
Sign	M	936	Pr >= M	<.0001
Signed Rank	S	7731487	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	5.7
99%	2.2
95%	1.3
90%	0.9
75% Q3	0.4
50% Median	0.1
25% Q1	-0.2
10%	-0.6
5%	-1.0
1%	-1.8
0% Min	-10.2

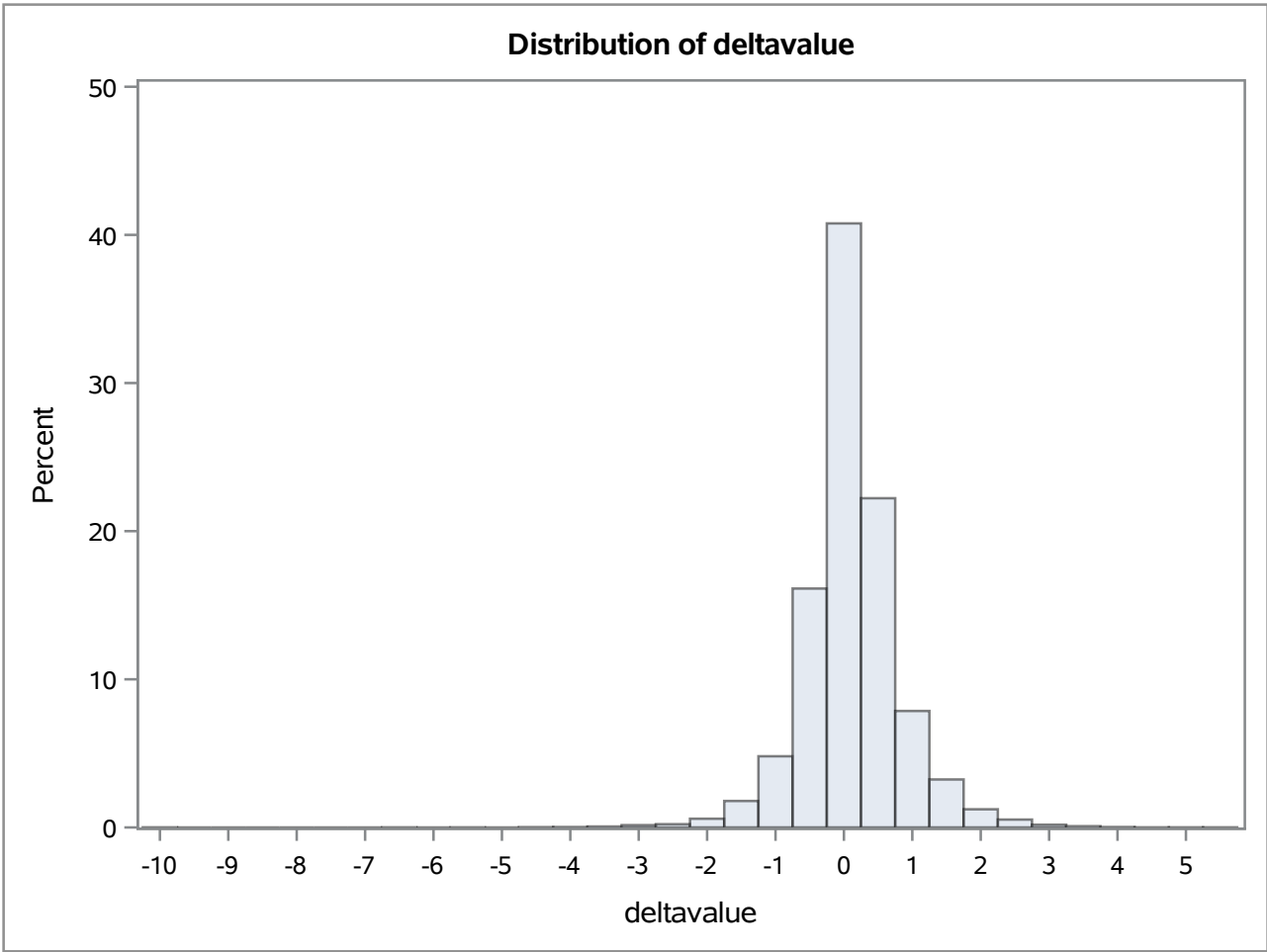
The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=Fibrinogen

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-10.2	882828	4.2	885462
-6.6	891216	4.2	894675
-5.5	887435	4.3	888412
-4.7	892784	5.0	887288
-4.7	894425	5.7	890013

The UNIVARIATE Procedure

category=K. Coagulation longlabel=Fibrinogen



The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=INR

Moments			
N	28806	Sum Weights	28806
Mean	-1.3557106	Sum Observations	-39052.6
Std Deviation	43.077973	Variance	1855.71176
Skewness	-16.214011	Kurtosis	529.453197
Uncorrected SS	53506721.2	Corrected SS	53453777.2
Coeff Variation	-3177.5198	Std Error Mean	0.25381295

Basic Statistical Measures			
Location		Variability	
Mean	-1.35571	Std Deviation	43.07797
Median	0.00000	Variance	1856
Mode	0.00000	Range	1995
		Interquartile Range	0.20000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-5.34138	Pr > t	<.0001
Sign	M	-1162	Pr >= M	<.0001
Signed Rank	S	-1.061E7	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	996.9
99%	1.0
95%	0.3
90%	0.2
75% Q3	0.1
50% Median	0.0
25% Q1	-0.1
10%	-0.3
5%	-0.5
1%	-1.8
0% Min	-997.8

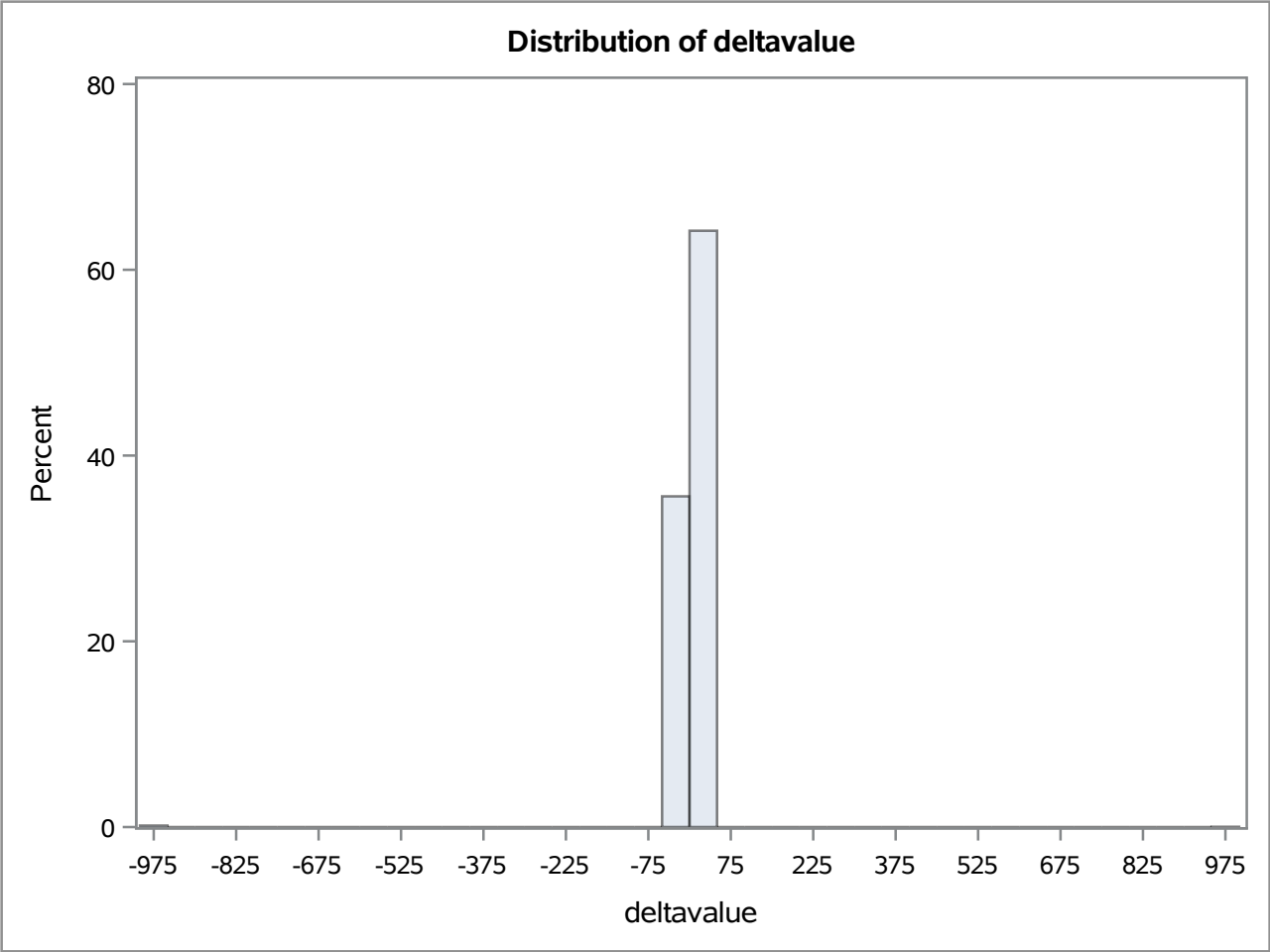
The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=INR

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-997.8	902872	992.3	900465
-997.7	899911	994.6	914300
-997.6	909838	995.4	919507
-997.6	904115	996.6	901012
-997.5	924482	996.9	916420

The UNIVARIATE Procedure

category=K. Coagulation longlabel=INR



The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=aPTT

Moments			
N	22967	Sum Weights	22967
Mean	-1.0948317	Sum Observations	-25145
Std Deviation	50.4283832	Variance	2543.02183
Skewness	0.20023042	Kurtosis	273.892458
Uncorrected SS	58430569	Corrected SS	58403039.5
Coeff Variation	-4606.0397	Std Error Mean	0.33275371

Basic Statistical Measures			
Location		Variability	
Mean	-1.09483	Std Deviation	50.42838
Median	0.00000	Variance	2543
Mode	0.00000	Range	1943
		Interquartile Range	9.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-3.29022	Pr > t 	0.0010
Sign	M	-575	Pr >= M 	<.0001
Signed Rank	S	-7814796	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	975
99%	61
95%	18
90%	11
75% Q3	4
50% Median	0
25% Q1	-5
10%	-13
5%	-24
1%	-76
0% Min	-968

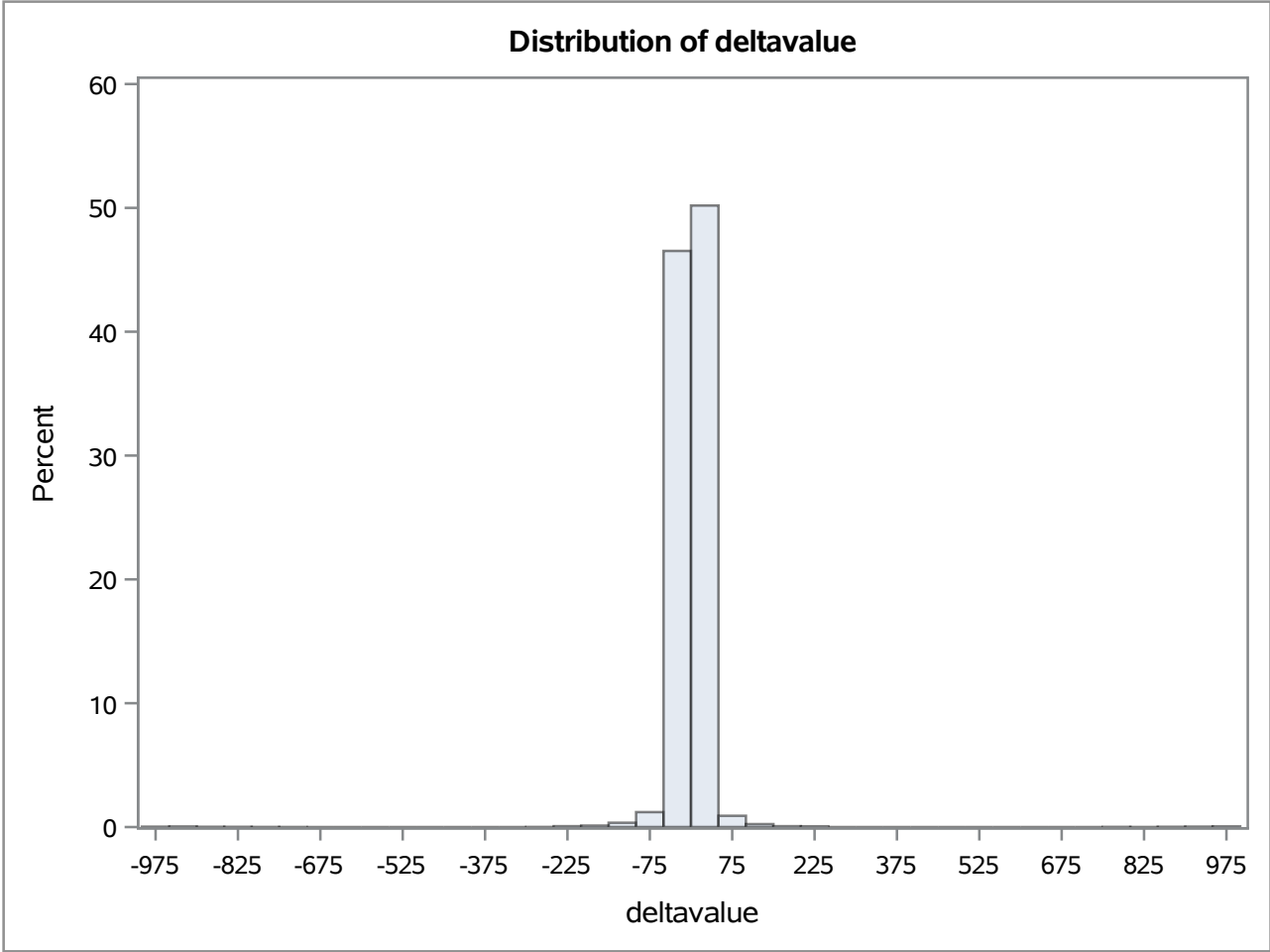
The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=aPTT

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-968	934783	965	947496
-965	925530	967	933338
-964	928534	967	947270
-954	944294	969	930716
-953	939850	975	928091

The UNIVARIATE Procedure

category=K. Coagulation longlabel=aPTT



The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=Glucose

Moments			
N	45578	Sum Weights	45578
Mean	-0.0154592	Sum Observations	-704.6
Std Deviation	33.4863771	Variance	1121.33745
Skewness	-0.8895609	Kurtosis	835.372417
Uncorrected SS	51107208	Corrected SS	51107197.1
Coeff Variation	-216611.14	Std Error Mean	0.15685217

Basic Statistical Measures			
Location		Variability	
Mean	-0.01546	Std Deviation	33.48638
Median	0.00000	Variance	1121
Mode	0.00000	Range	1988
		Interquartile Range	2.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.09856	Pr > t	0.9215
Sign	M	-81	Pr >= M	0.4355
Signed Rank	S	-182357	Pr >= S	0.9428

Quantiles (Definition 5)	
Level	Quantile
100% Max	993.4
99%	10.0
95%	5.0
90%	3.2
75% Q3	1.2
50% Median	0.0
25% Q1	-1.2
10%	-3.2
5%	-5.0
1%	-10.0
0% Min	-994.1

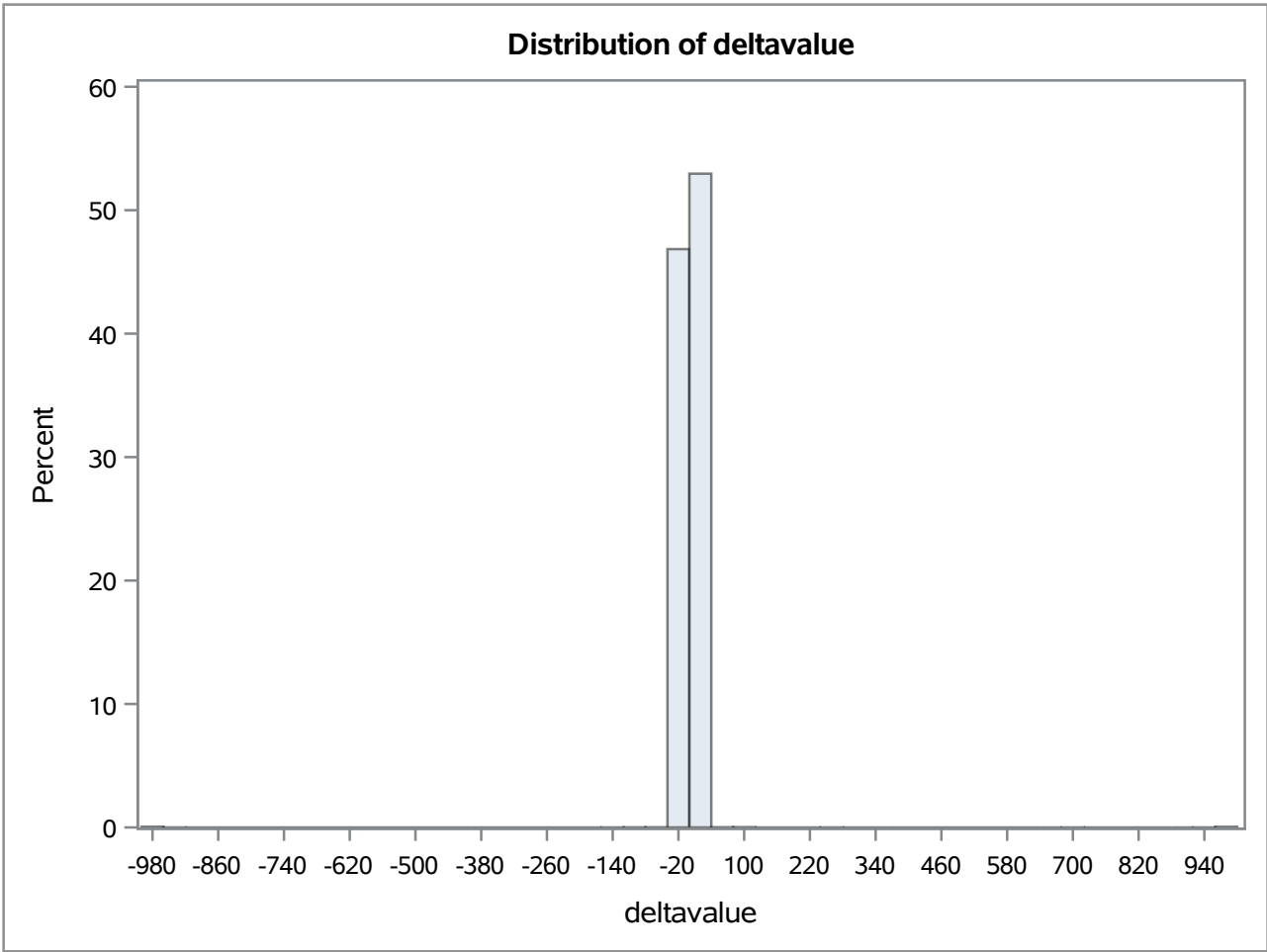
The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=Glucose

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-994.1	965260	989.9	951067
-994.0	969097	990.6	962558
-989.9	970772	991.9	957907
-989.4	951068	992.3	962548
-989.1	954553	993.4	982875

The UNIVARIATE Procedure

category=L. Others longlabel=Glucose



The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=HbA1c

Moments			
N	197	Sum Weights	197
Mean	3.86345178	Sum Observations	761.1
Std Deviation	10.3064911	Variance	106.223759
Skewness	-1.2289952	Kurtosis	8.4417843
Uncorrected SS	23760.33	Corrected SS	20819.8569
Coeff Variation	266.768986	Std Error Mean	0.73430709

Basic Statistical Measures			
Location		Variability	
Mean	3.863452	Std Deviation	10.30649
Median	2.000000	Variance	106.22376
Mode	0.000000	Range	96.00000
		Interquartile Range	10.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.261357	Pr > t	<.0001
Sign	M	33	Pr >= M	<.0001
Signed Rank	S	4359.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	46
99%	33
95%	18
90%	14
75% Q3	9
50% Median	2
25% Q1	-1
10%	-3
5%	-8
1%	-44
0% Min	-50

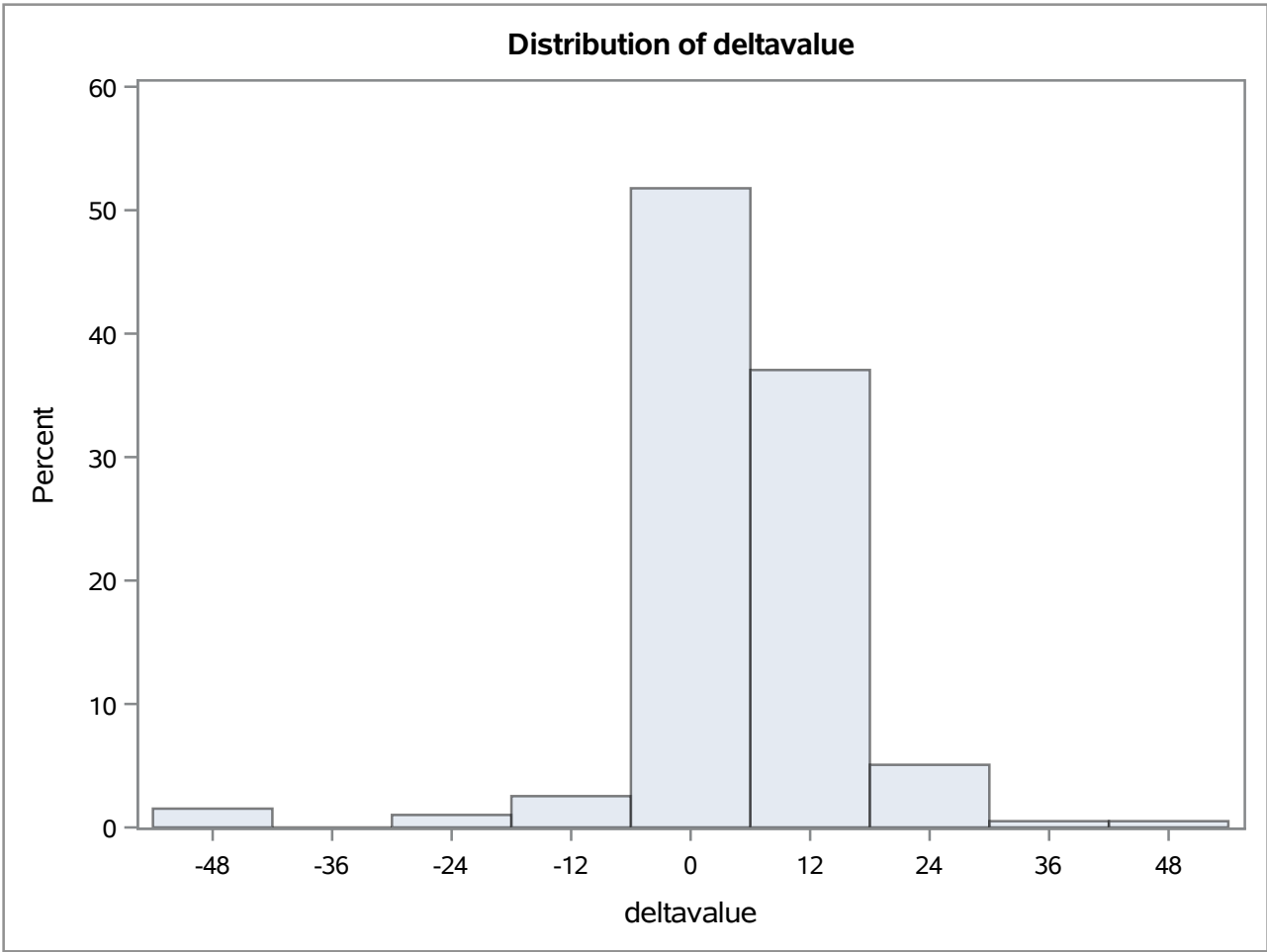
The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=HbA1c

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-50	993564	22	993519
-44	993590	22	993663
-43	993540	25	993619
-22	993609	33	993515
-19	993493	46	993484

The UNIVARIATE Procedure

category=L. Others longlabel=HbA1c



The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=Triglycerides

Moments			
N	2609	Sum Weights	2609
Mean	0.01387505	Sum Observations	36.2
Std Deviation	1.47189906	Variance	2.16648686
Skewness	-12.239085	Kurtosis	320.909572
Uncorrected SS	5650.7	Corrected SS	5650.19772
Coeff Variation	10608.2449	Std Error Mean	0.02881648

Basic Statistical Measures			
Location		Variability	
Mean	0.013875	Std Deviation	1.47190
Median	0.100000	Variance	2.16649
Mode	0.000000	Range	56.50000
		Interquartile Range	0.70000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0.481497	Pr > t	0.6302
Sign	M	145	Pr >= M	<.0001
Signed Rank	S	205586	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	13.7
99%	2.7
95%	1.4
90%	1.0
75% Q3	0.4
50% Median	0.1
25% Q1	-0.3
10%	-0.8
5%	-1.3
1%	-4.0
0% Min	-42.8

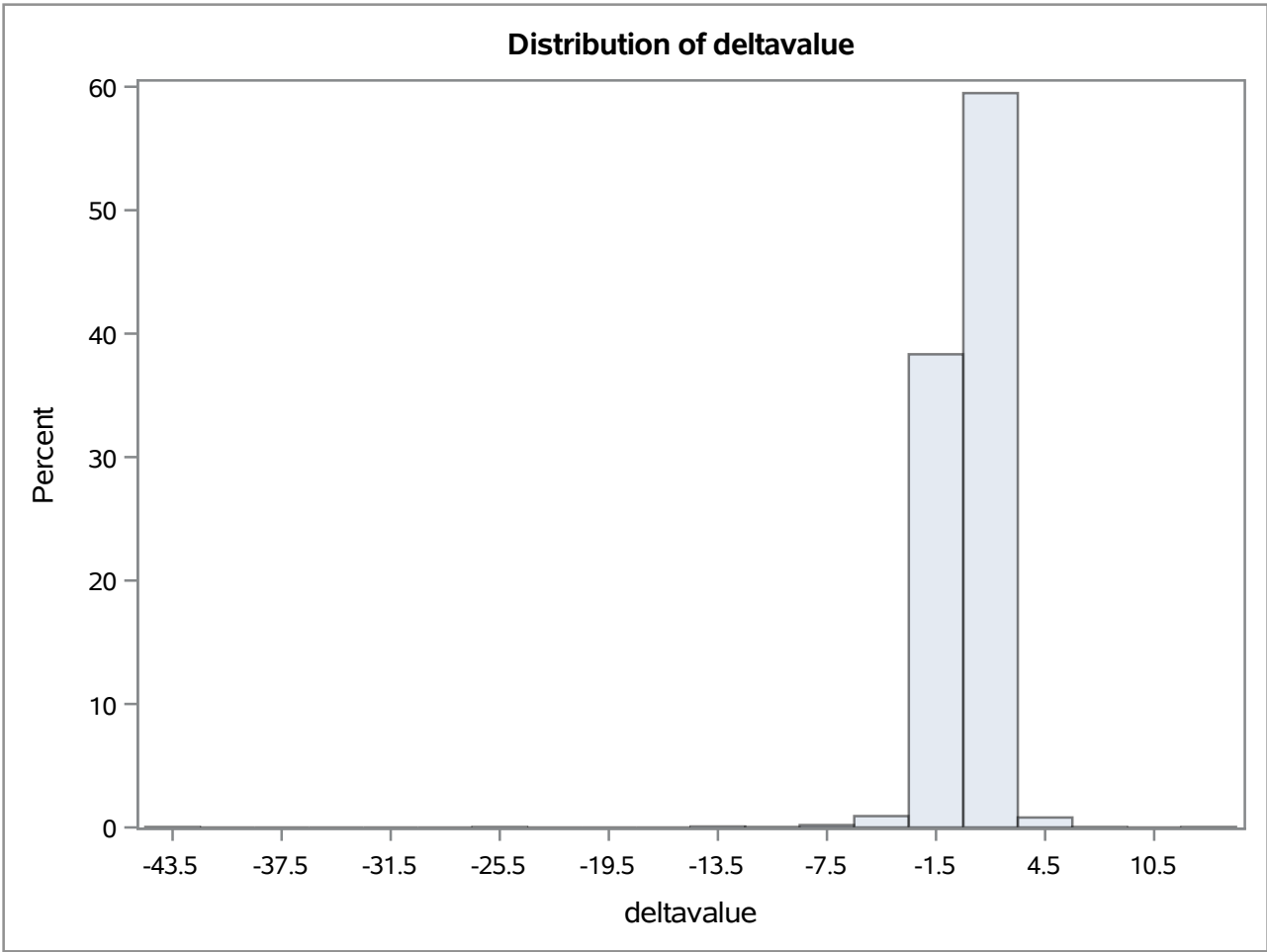
The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=Triglycerides

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-42.8	994154	4.6	993962
-25.8	993891	4.9	993865
-15.0	994841	4.9	996006
-12.1	996135	7.1	996071
-9.6	993673	13.7	993842

The UNIVARIATE Procedure

category=L. Others longlabel=Triglycerides



The FREQ Procedure

category=A. Basic hematology

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Hemoglobin	92876	30.61	92876	30.61
Leukocyte count	56967	18.77	149843	49.38
Mean corpuscular hemoglobin	37303	12.29	187146	61.68
Mean corpuscular hemoglobin concentration	24193	7.97	211339	69.65
Mean corpuscular volume	37211	12.26	248550	81.92
Platelet count	54873	18.08	303423	100.00

The FREQ Procedure

category=B. Special hematology

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Basophiles	1987	3.50	1987	3.50
Eosinophile count	1971	3.47	3958	6.97
Erythrocyte count	36971	65.13	40929	72.11
Lymphocyte count	1974	3.48	42903	75.58
Metamyelocyte count	384	0.68	43287	76.26
Monocyte count	1980	3.49	45267	79.75
Myelocyte count	361	0.64	45628	80.38
Neutrophile count	11134	19.62	56762	100.00

The FREQ Procedure

category=C. Hemolysis

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Bilirubin	22504	74.52	22504	74.52
Haptoglobin	383	1.27	22887	75.79
Lactate dehydrogenase	6793	22.50	29680	98.29
Reticulocyte count	517	1.71	30197	100.00

The FREQ Procedure

category=D. Liver tests

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
ALP	6723	8.96	6723	8.96
ALT	16997	22.66	23720	31.62
AST	15408	20.54	39128	52.15
Albumin	23228	30.96	62356	83.12
Conjugated bilirubin	4875	6.50	67231	89.61
Glutamyl transferase	7792	10.39	75023	100.00

The FREQ Procedure

category=E. Electrolytes

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Calcium	12820	8.30	12820	8.30
Chloride	21104	13.66	33924	21.96
Free Calcium	20420	13.22	54344	35.18
Osmolality	6503	4.21	60847	39.38
Potassium	47090	30.48	107937	69.87
Sodium	46556	30.13	154493	100.00

The FREQ Procedure

category=F. Kidney function

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Creatinine	50642	65.39	50642	65.39
Standard bicarbonate	20347	26.27	70989	91.66
eGFR	6455	8.34	77444	100.00

The FREQ Procedure

category=G. Blood gases

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Base Excess	10235	9.01	10235	9.01
CO-Hb	14200	12.50	24435	21.51
Carbon Dioxide	1087	0.96	25522	22.46
Lactate	18924	16.66	44446	39.12
Methemoglobin	15622	13.75	60068	52.87
PaCO2	16496	14.52	76564	67.38
PaO2	16602	14.61	93166	82.00
pH	20456	18.00	113622	100.00

The FREQ Procedure

category=H. Inflammation

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
CRP	47982	99.81	47982	99.81
Sedimentation rate	89	0.19	48071	100.00

The FREQ Procedure

category=I. Iron status

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Ferritin	2577	63.58	2577	63.58
Iron	1418	34.99	3995	98.57
Transferrin	58	1.43	4053	100.00

The FREQ Procedure

category=J. Cardiac markers

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NT-ProBNP	826	14.19	826	14.19
Troponin I	593	10.19	1419	24.38
Troponin T	4401	75.62	5820	100.00

The FREQ Procedure

category=K. Coagulation

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Fibrinogen	13926	21.44	13926	21.44
INR	28438	43.78	42364	65.22
aPTT	22591	34.78	64955	100.00

The FREQ Procedure

category=L. Others

longlabel	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Glucose	44724	94.19	44724	94.19
HbA1c	193	0.41	44917	94.60
Triglycerides	2566	5.40	47483	100.00

The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Hemoglobin

Moments			
N	92876	Sum Weights	92876
Mean	7.88326586	Sum Observations	732166.2
Std Deviation	11.2809839	Variance	127.260597
Skewness	0.07394377	Kurtosis	0.84120754
Uncorrected SS	17591188.7	Corrected SS	11819327.9
Coeff Variation	143.100386	Std Error Mean	0.03701649

Basic Statistical Measures			
Location		Variability	
Mean	7.883266	Std Deviation	11.28098
Median	8.000000	Variance	127.26060
Mode	8.000000	Range	76.00000
		Interquartile Range	13.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	212.9663	Pr > t 	<.0001
Sign	M	27043	Pr >= M 	<.0001
Signed Rank	S	1.4444E9	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	46
99%	38
95%	27
90%	22
75% Q3	14
50% Median	8
25% Q1	1
10%	-5
5%	-10
1%	-22
0% Min	-30

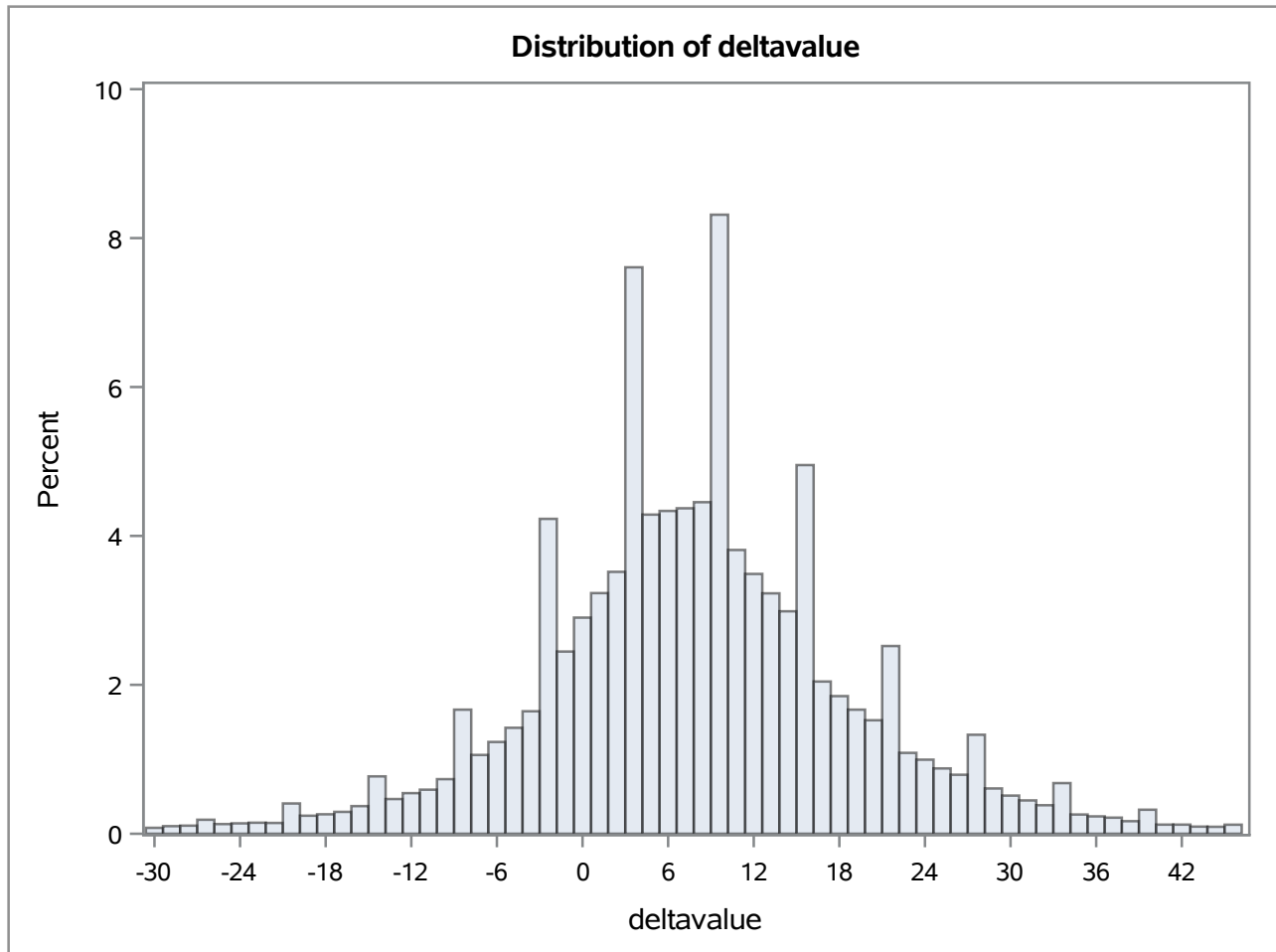
The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Hemoglobin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-30	92449	46	87082
-30	90870	46	88402
-30	88651	46	91006
-30	87475	46	91502
-30	84917	46	93050

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Hemoglobin



The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Leukocyte count

Moments			
N	56967	Sum Weights	56967
Mean	-0.1845647	Sum Observations	-10514.1
Std Deviation	2.80756072	Variance	7.88239718
Skewness	-0.2169363	Kurtosis	2.89850321
Uncorrected SS	450969.17	Corrected SS	449028.638
Coeff Variation	-1521.1793	Std Error Mean	0.01176298

Basic Statistical Measures			
Location		Variability	
Mean	-0.18456	Std Deviation	2.80756
Median	0.00000	Variance	7.88240
Mode	0.00000	Range	23.30000
		Interquartile Range	2.20000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-15.6903	Pr > t 	<.0001
Sign	M	-784.5	Pr >= M 	<.0001
Signed Rank	S	-4.275E7	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	11.0
99%	8.0
95%	4.1
90%	3.0
75% Q3	1.0
50% Median	0.0
25% Q1	-1.2
10%	-3.1
5%	-5.0
1%	-9.0
0% Min	-12.3

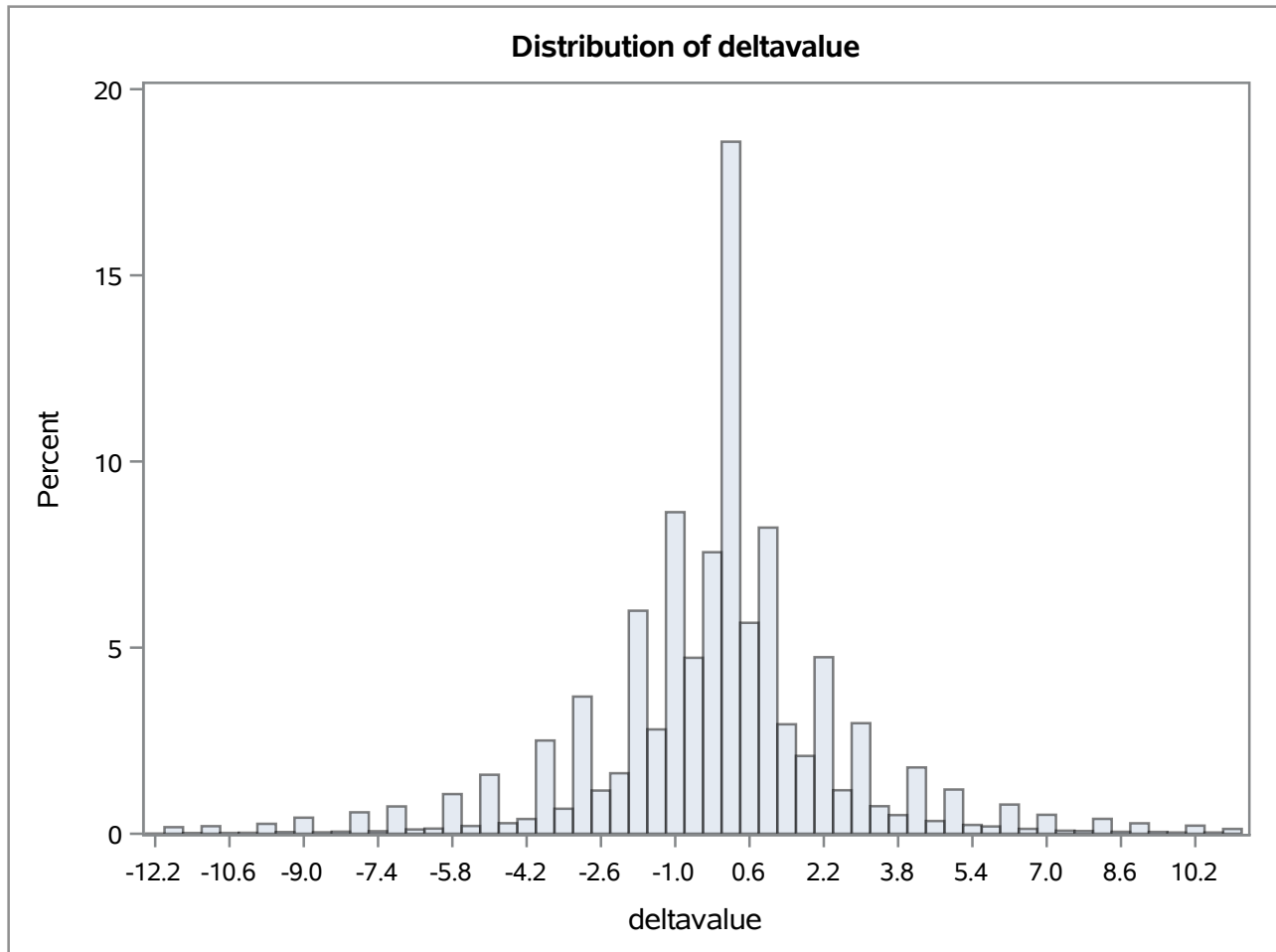
The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Leukocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-12.3	127274	11	150586
-12.3	118292	11	150635
-12.1	102727	11	150809
-12.0	151505	11	151877
-12.0	151025	11	151971

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Leukocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin

Moments			
N	37303	Sum Weights	37303
Mean	0.04458086	Sum Observations	1663
Std Deviation	0.80819455	Variance	0.65317844
Skewness	0.03458903	Kurtosis	0.85060662
Uncorrected SS	24439	Corrected SS	24364.862
Coeff Variation	1812.87321	Std Error Mean	0.0041845

Basic Statistical Measures			
Location		Variability	
Mean	0.044581	Std Deviation	0.80819
Median	0.000000	Variance	0.65318
Mode	0.000000	Range	6.00000
		Interquartile Range	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	10.6538	Pr > t 	<.0001
Sign	M	687.5	Pr >= M 	<.0001
Signed Rank	S	6370791	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	3
99%	2
95%	1
90%	1
75% Q3	1
50% Median	0
25% Q1	0
10%	-1
5%	-1
1%	-2
0% Min	-3

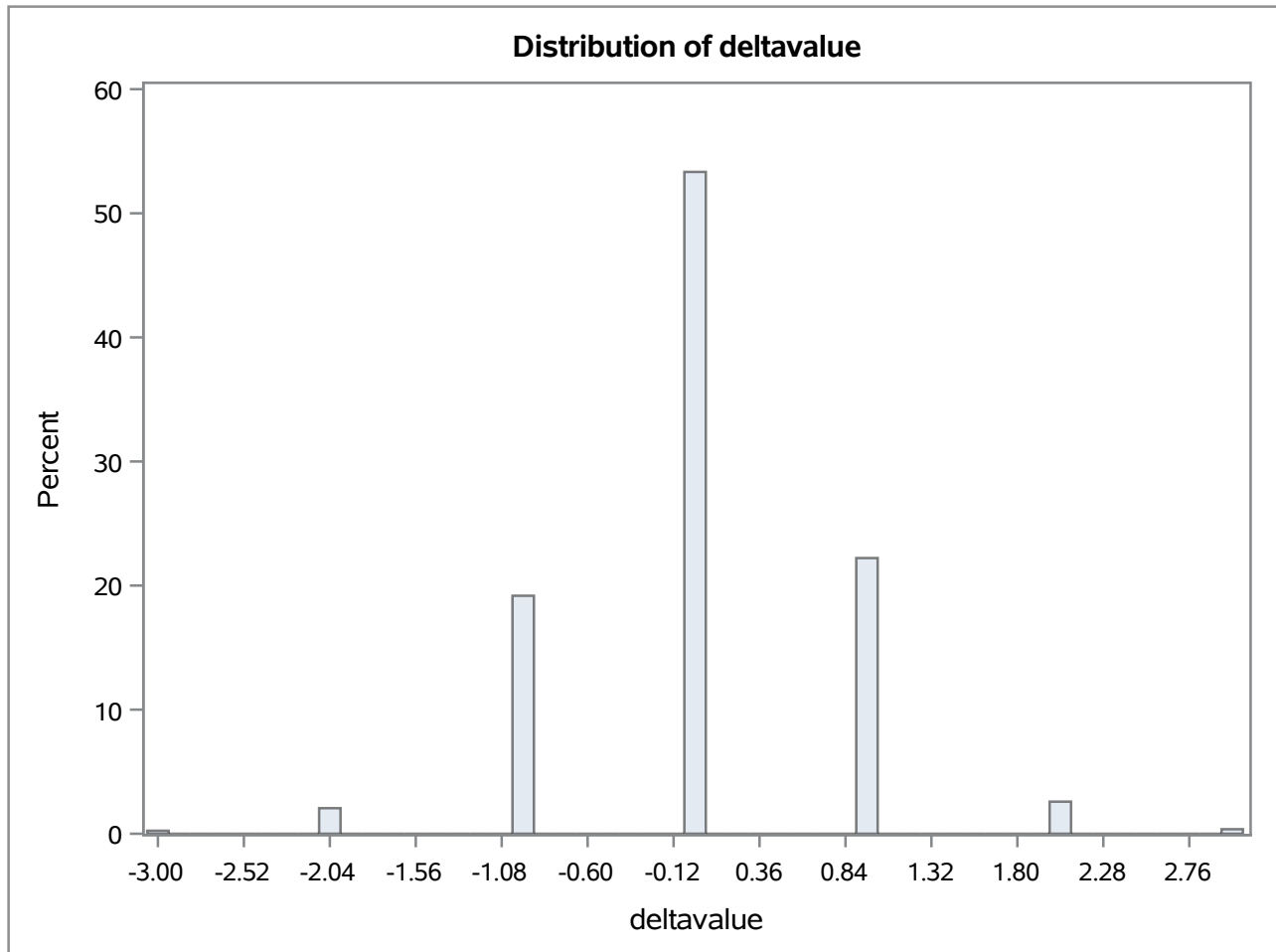
The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-3	189369	3	188665
-3	188559	3	188895
-3	188555	3	189210
-3	188172	3	189254
-3	187819	3	189442

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin



The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin concentration

Moments			
N	24193	Sum Weights	24193
Mean	2.2248171	Sum Observations	53825
Std Deviation	8.10934139	Variance	65.7614178
Skewness	0.28224876	Kurtosis	0.32083841
Uncorrected SS	1710651	Corrected SS	1590900.22
Coeff Variation	364.494745	Std Error Mean	0.05213636

Basic Statistical Measures			
Location		Variability	
Mean	2.224817	Std Deviation	8.10934
Median	2.000000	Variance	65.76142
Mode	0.000000	Range	50.00000
		Interquartile Range	10.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	42.67304	Pr > t	<.0001
Sign	M	2490.5	Pr >= M	<.0001
Signed Rank	S	38987697	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	32
99%	24
95%	16
90%	13
75% Q3	7
50% Median	2
25% Q1	-3
10%	-8
5%	-11
1%	-16
0% Min	-18

The UNIVARIATE Procedure

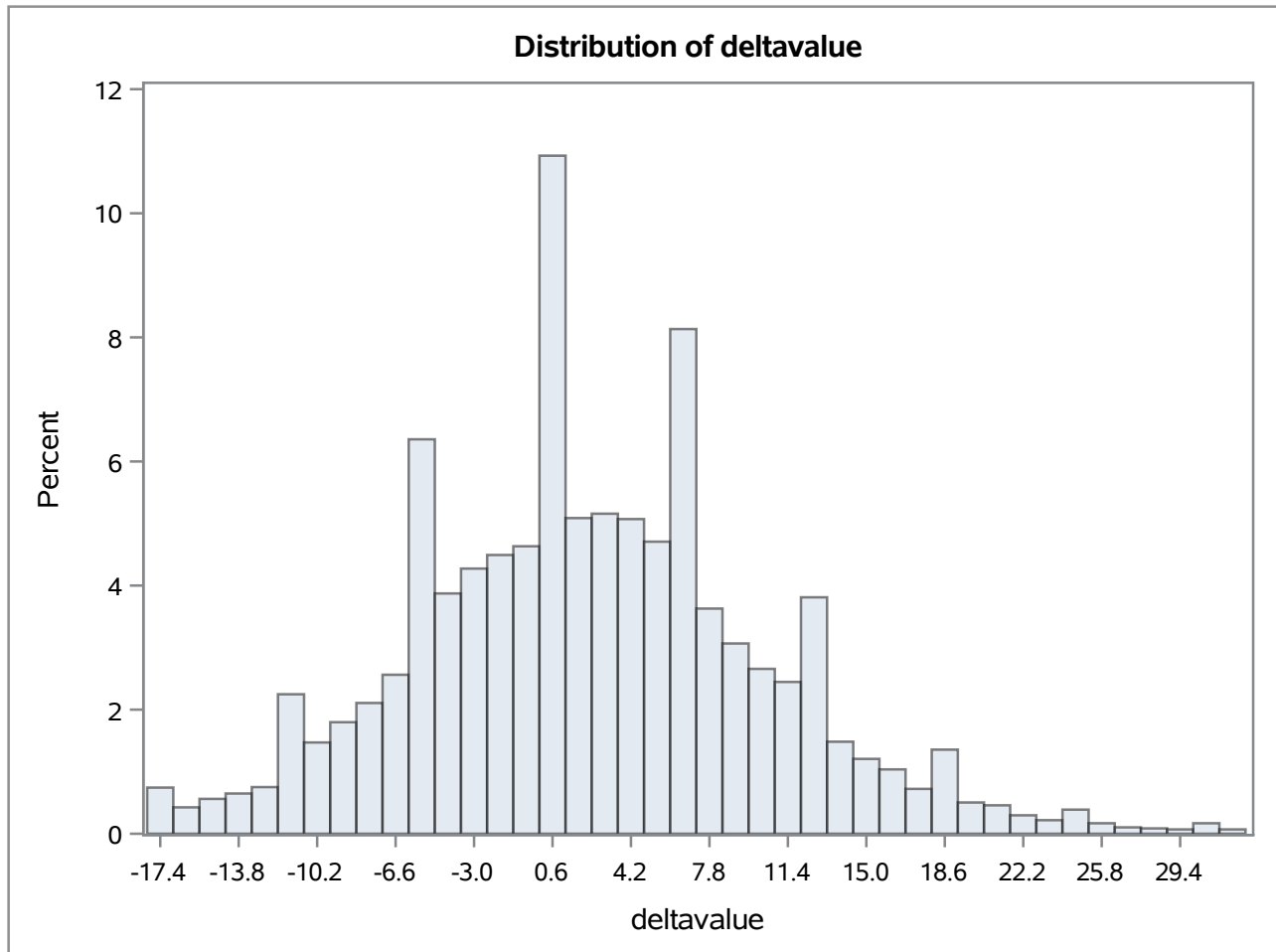
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin concentration

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-18	213907	32	204882
-18	213489	32	206770
-18	213274	32	210883
-18	212977	32	210905
-18	212877	32	210952

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Mean corpuscular hemoglobin concentration



The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular volume

Moments			
N	37211	Sum Weights	37211
Mean	-0.3974094	Sum Observations	-14788
Std Deviation	2.05450528	Variance	4.22099194
Skewness	-0.4370024	Kurtosis	1.59616348
Uncorrected SS	162940	Corrected SS	157063.11
Coeff Variation	-516.97455	Std Error Mean	0.01065054

Basic Statistical Measures			
Location		Variability	
Mean	-0.39741	Std Deviation	2.05451
Median	0.00000	Variance	4.22099
Mode	0.00000	Range	16.00000
		Interquartile Range	3.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-37.3135	Pr > t	<.0001
Sign	M	-2558	Pr >= M	<.0001
Signed Rank	S	-4.839E7	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	6
99%	4
95%	3
90%	2
75% Q3	1
50% Median	0
25% Q1	-2
10%	-3
5%	-4
1%	-6
0% Min	-10

The UNIVARIATE Procedure

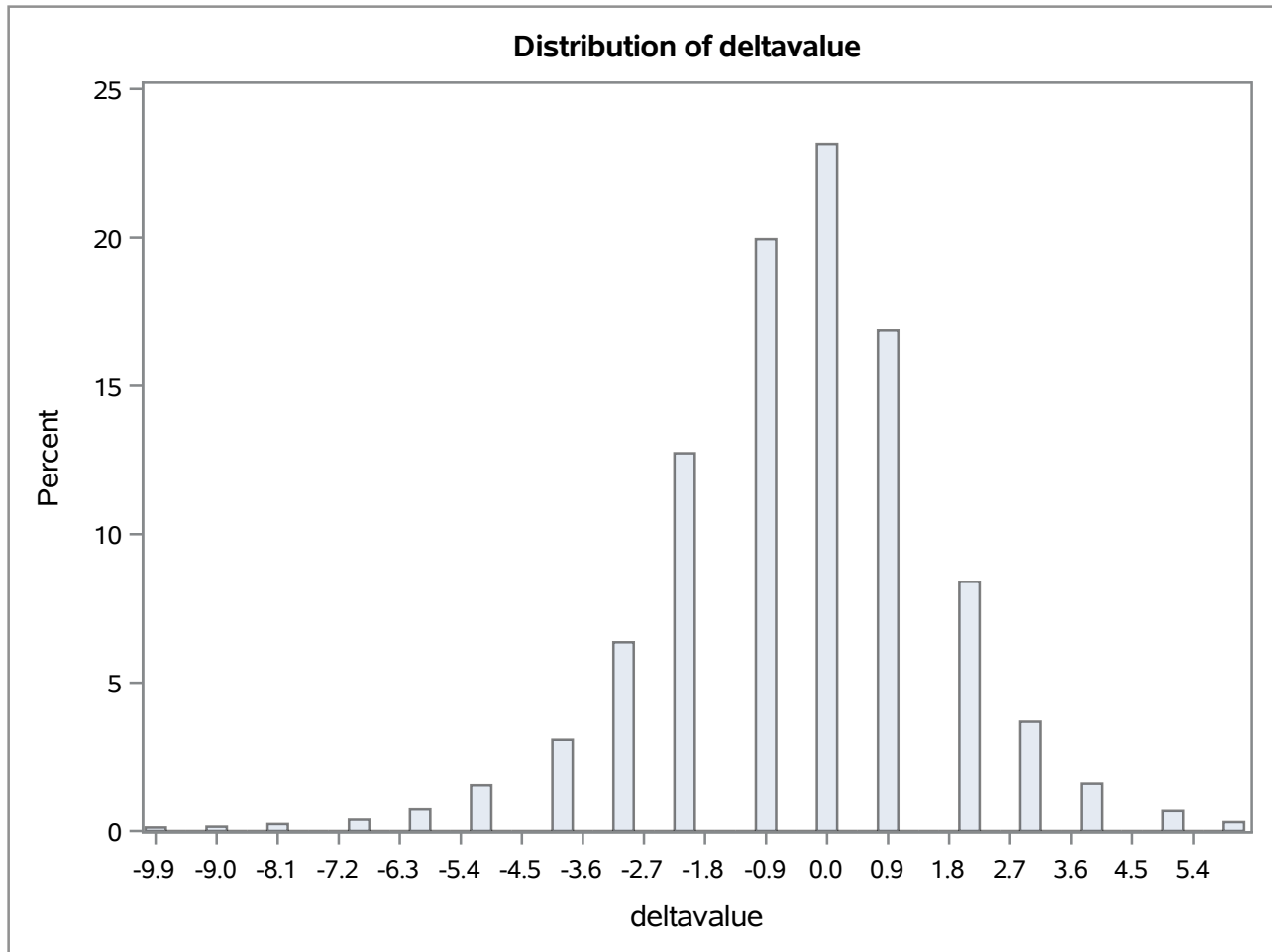
Variable: deltavalue

category=A. Basic hematology longlabel=Mean corpuscular volume

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-10	251063	6	250475
-10	250735	6	250824
-10	250693	6	250980
-10	250565	6	251279
-10	250459	6	251484

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Mean corpuscular volume



The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Platelet count

Moments			
N	54873	Sum Weights	54873
Mean	-6.1481056	Sum Observations	-337365
Std Deviation	34.9497977	Variance	1221.48836
Skewness	-0.7668952	Kurtosis	2.39658438
Uncorrected SS	69099665	Corrected SS	67025509.3
Coeff Variation	-568.4645	Std Error Mean	0.14919879

Basic Statistical Measures			
Location		Variability	
Mean	-6.14811	Std Deviation	34.94980
Median	-3.00000	Variance	1221
Mode	0.00000	Range	269.00000
		Interquartile Range	33.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-41.2075	Pr > t	<.0001
Sign	M	-3699	Pr >= M	<.0001
Signed Rank	S	-1.266E8	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	94
99%	76
95%	47
90%	33
75% Q3	12
50% Median	-3
25% Q1	-21
10%	-47
5%	-70
1%	-119
0% Min	-175

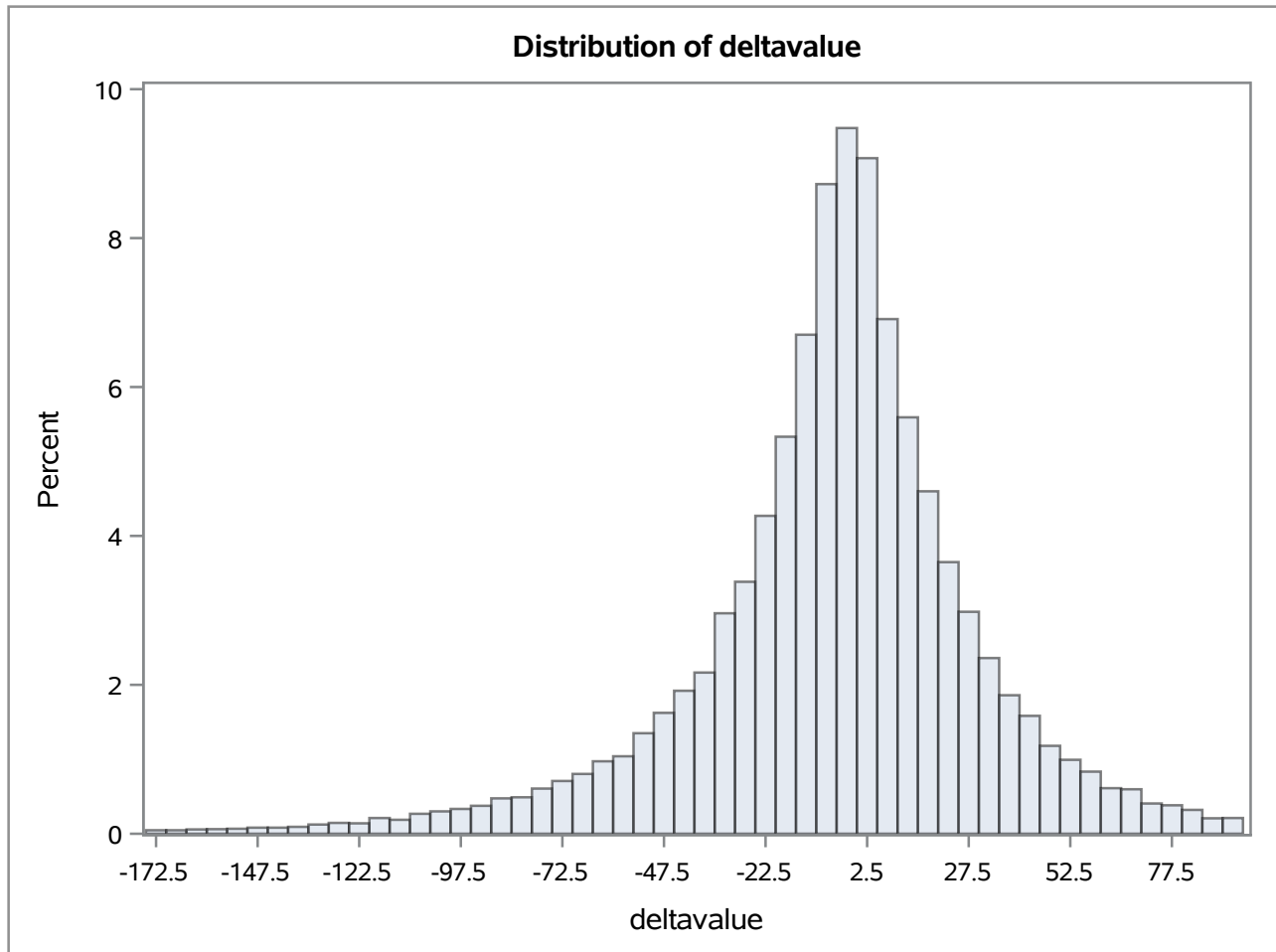
The UNIVARIATE Procedure
Variable: deltavalue

category=A. Basic hematology longlabel=Platelet count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-175	306095	94	287218
-175	295539	94	290237
-175	294257	94	291557
-175	293715	94	303260
-175	277138	94	306115

The UNIVARIATE Procedure

category=A. Basic hematology longlabel=Platelet count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Basophiles

Moments			
N	1987	Sum Weights	1987
Mean	-0.0005033	Sum Observations	-1
Std Deviation	0.17294251	Variance	0.02990911
Skewness	-0.1500939	Kurtosis	25.6565039
Uncorrected SS	59.4	Corrected SS	59.3994967
Coeff Variation	-34363.677	Std Error Mean	0.00387974

Basic Statistical Measures			
Location		Variability	
Mean	-0.00050	Std Deviation	0.17294
Median	0.00000	Variance	0.02991
Mode	0.00000	Range	2.00000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.12972	Pr > t	0.8968
Sign	M	5.5	Pr >= M	0.5421
Signed Rank	S	1949	Pr >= S	0.1255

Quantiles (Definition 5)	
Level	Quantile
100% Max	1.0
99%	1.0
95%	0.1
90%	0.0
75% Q3	0.0
50% Median	0.0
25% Q1	0.0
10%	0.0
5%	-0.1
1%	-1.0
0% Min	-1.0

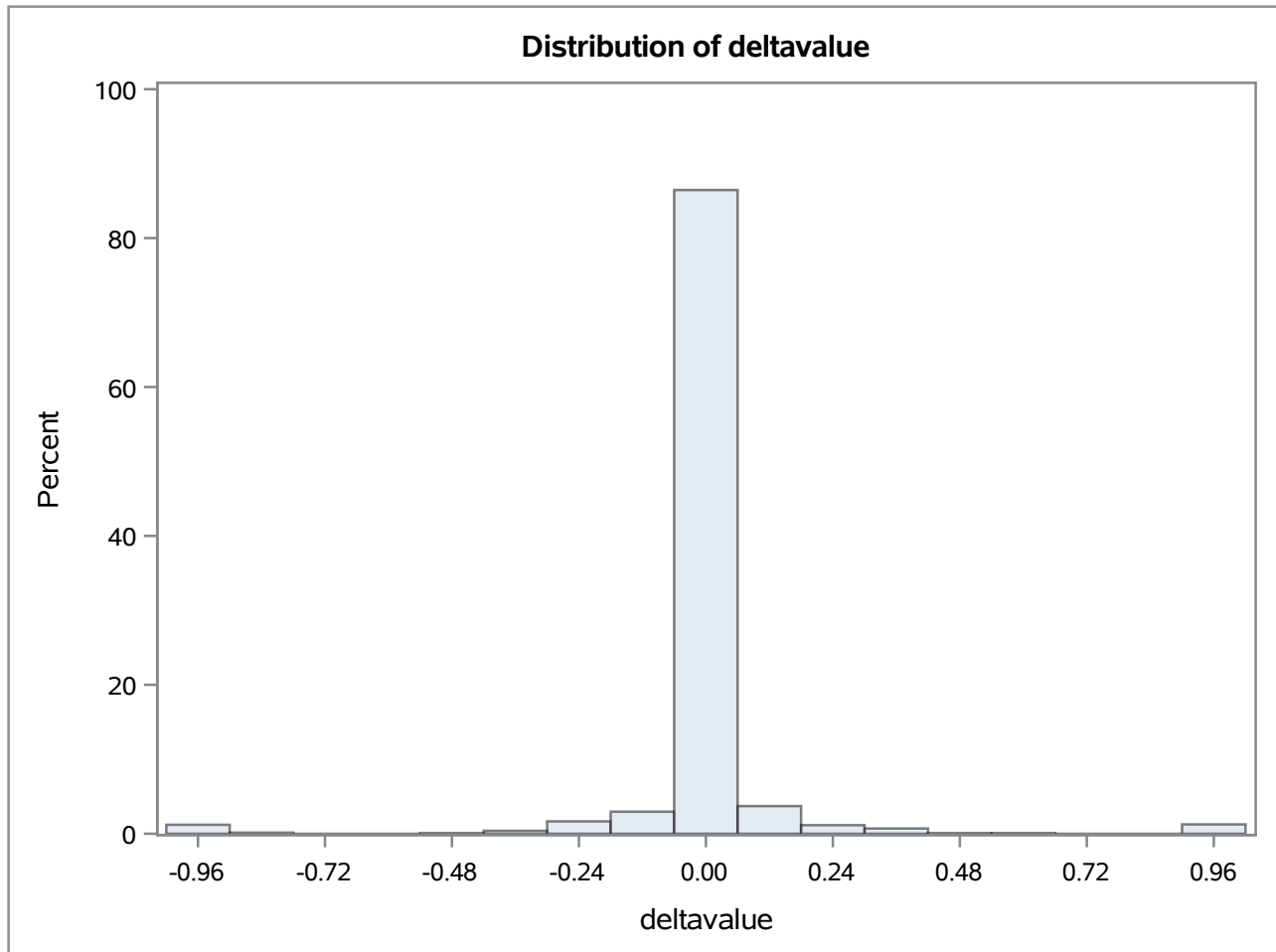
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Basophiles

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-1	309379	1	309287
-1	309329	1	309308
-1	309166	1	309348
-1	309116	1	309361
-1	308966	1	309408

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Basophiles



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Eosinophile count

Moments			
N	1971	Sum Weights	1971
Mean	0.01197362	Sum Observations	23.6
Std Deviation	0.14418935	Variance	0.02079057
Skewness	0.259913	Kurtosis	6.95101838
Uncorrected SS	41.24	Corrected SS	40.9574226
Coeff Variation	1204.2255	Std Error Mean	0.0032478

Basic Statistical Measures			
Location		Variability	
Mean	0.011974	Std Deviation	0.14419
Median	0.000000	Variance	0.02079
Mode	0.000000	Range	1.40000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3.68668	Pr > t	0.0002
Sign	M	53	Pr >= M	<.0001
Signed Rank	S	25832.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	0.7
99%	0.5
95%	0.3
90%	0.1
75% Q3	0.0
50% Median	0.0
25% Q1	0.0
10%	-0.1
5%	-0.2
1%	-0.4
0% Min	-0.7

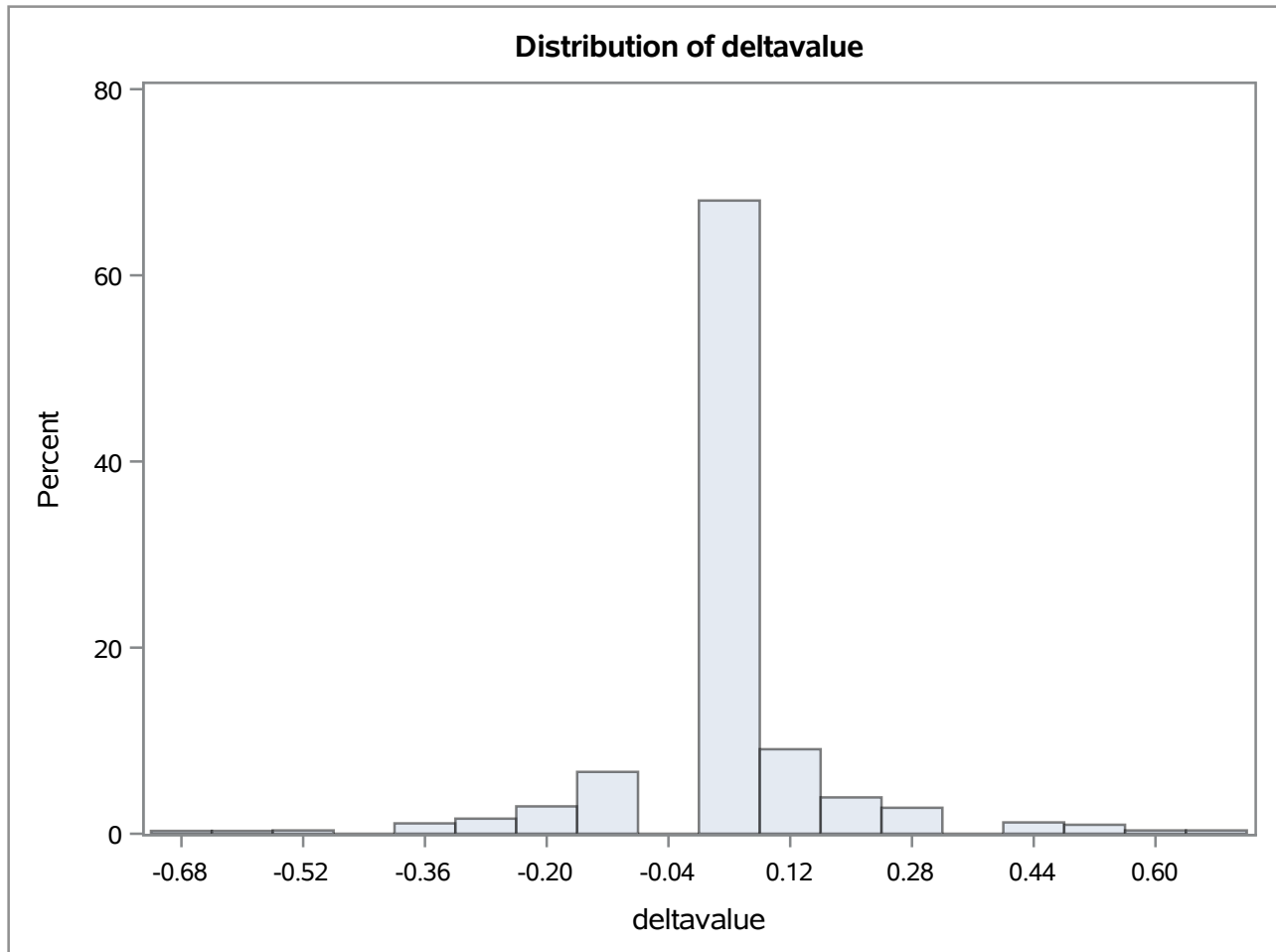
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Eosinophile count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.7	311170	0.7	310043
-0.7	311247	0.7	310835
-0.7	311116	0.7	310910
-0.7	310100	0.7	311242
-0.7	309999	0.7	311402

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Eosinophile count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Erythrocyte count

Moments			
N	36971	Sum Weights	36971
Mean	0.22849801	Sum Observations	8447.8
Std Deviation	0.39080639	Variance	0.15272963
Skewness	0.05141615	Kurtosis	0.79192179
Uncorrected SS	7576.72	Corrected SS	5646.41449
Coeff Variation	171.03273	Std Error Mean	0.0020325

Basic Statistical Measures			
Location		Variability	
Mean	0.228498	Std Deviation	0.39081
Median	0.200000	Variance	0.15273
Mode	0.000000	Range	2.60000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	112.422	Pr > t 	<.0001
Sign	M	9210.5	Pr >= M 	<.0001
Signed Rank	S	1.8014E8	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1.5
99%	1.2
95%	0.9
90%	0.7
75% Q3	0.4
50% Median	0.2
25% Q1	0.0
10%	-0.2
5%	-0.4
1%	-0.8
0% Min	-1.1

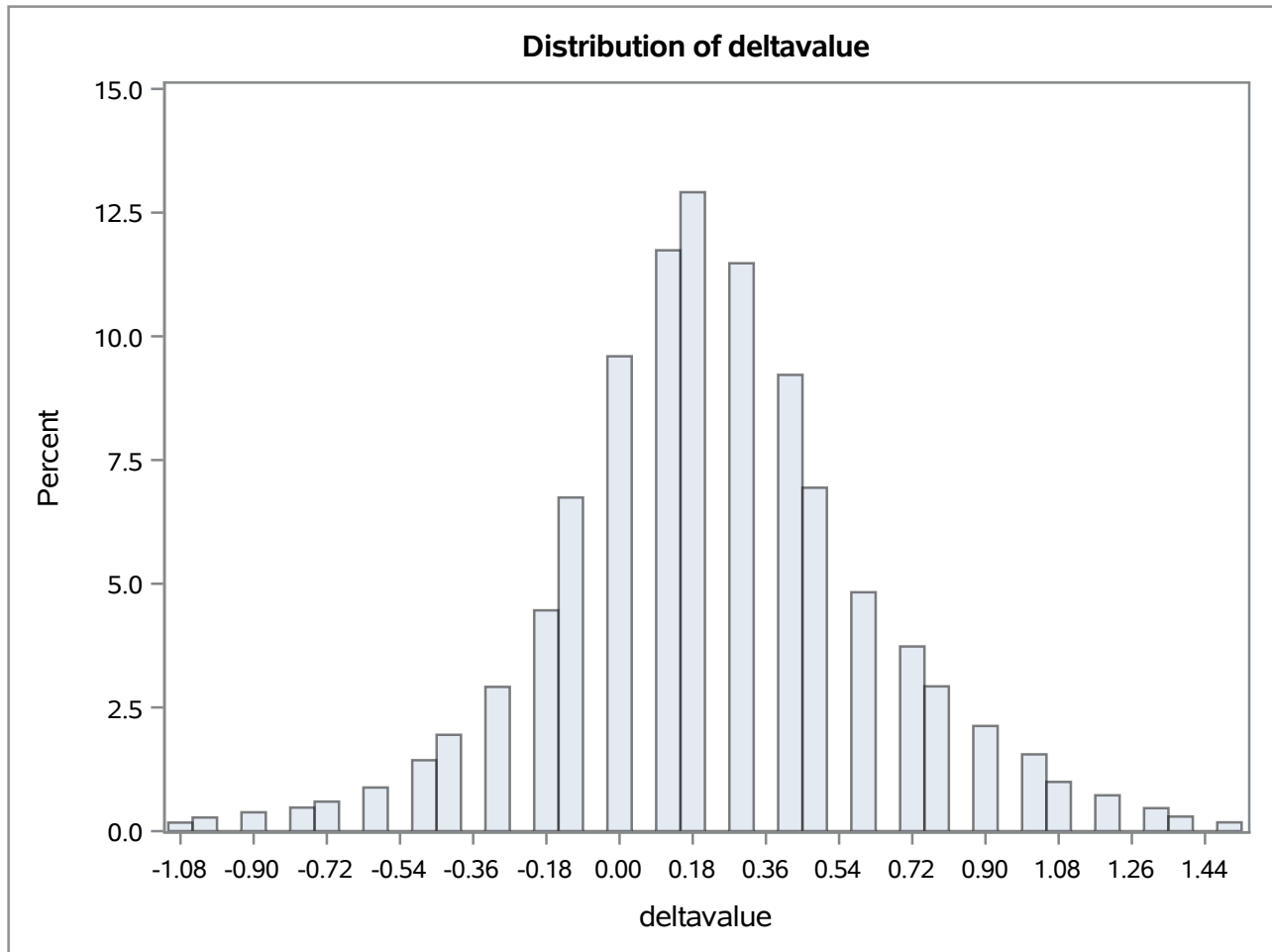
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Erythrocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-1.1	347479	1.5	344357
-1.1	347301	1.5	344578
-1.1	346290	1.5	344819
-1.1	344504	1.5	347066
-1.1	342503	1.5	347364

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Erythrocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Lymphocyte count

Moments			
N	1974	Sum Weights	1974
Mean	-0.1169706	Sum Observations	-230.9
Std Deviation	1.20829652	Variance	1.45998048
Skewness	-2.6230153	Kurtosis	13.7392054
Uncorrected SS	2907.55	Corrected SS	2880.54148
Coeff Variation	-1032.9915	Std Error Mean	0.02719568

Basic Statistical Measures			
Location		Variability	
Mean	-0.11697	Std Deviation	1.20830
Median	0.00000	Variance	1.45998
Mode	0.00000	Range	13.40000
		Interquartile Range	0.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-4.30107	Pr > t 	<.0001
Sign	M	42	Pr >= M 	0.0435
Signed Rank	S	16304.5	Pr >= S 	0.4165

Quantiles (Definition 5)	
Level	Quantile
100% Max	4.4
99%	2.7
95%	1.2
90%	0.8
75% Q3	0.3
50% Median	0.0
25% Q1	-0.2
10%	-1.0
5%	-1.9
1%	-6.0
0% Min	-9.0

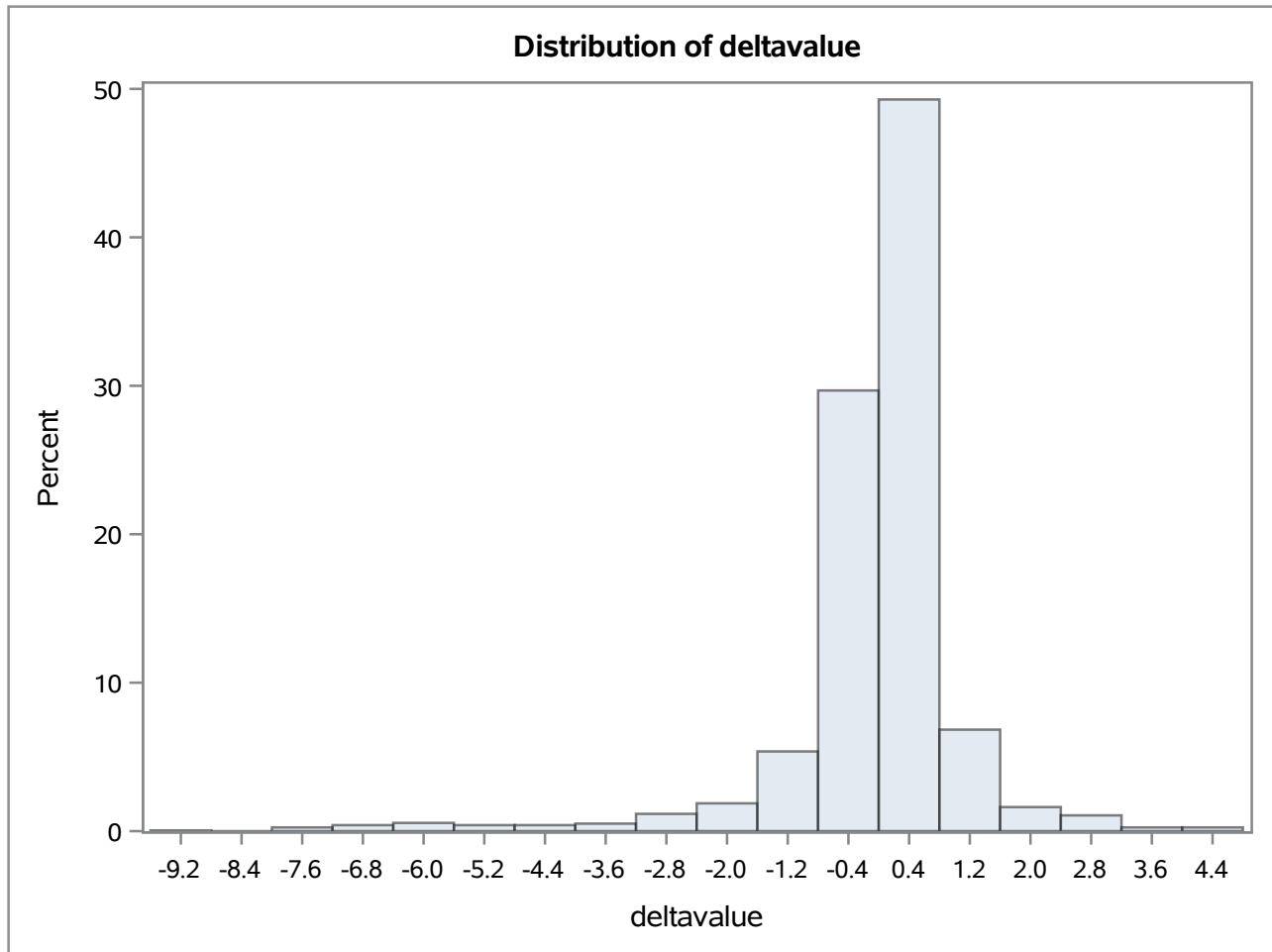
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Lymphocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-9.0	350110	4.0	349025
-8.0	349278	4.0	349855
-7.9	349639	4.0	350814
-7.7	350378	4.2	350059
-7.5	350807	4.4	349886

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Lymphocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Metamyelocyte count

Moments			
N	384	Sum Weights	384
Mean	-0.003125	Sum Observations	-1.2
Std Deviation	0.54695036	Variance	0.2991547
Skewness	-1.5406817	Kurtosis	12.6645379
Uncorrected SS	114.58	Corrected SS	114.57625
Coeff Variation	-17502.412	Std Error Mean	0.02791144

Basic Statistical Measures			
Location		Variability	
Mean	-0.00312	Std Deviation	0.54695
Median	0.00000	Variance	0.29915
Mode	0.00000	Range	6.10000
		Interquartile Range	0.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.11196	Pr > t	0.9109
Sign	M	13.5	Pr >= M	0.1047
Signed Rank	S	1500	Pr >= S	0.2087

Quantiles (Definition 5)	
Level	Quantile
100% Max	2.1
99%	1.8
95%	0.8
90%	0.4
75% Q3	0.2
50% Median	0.0
25% Q1	-0.1
10%	-0.5
5%	-0.9
1%	-1.8
0% Min	-4.0

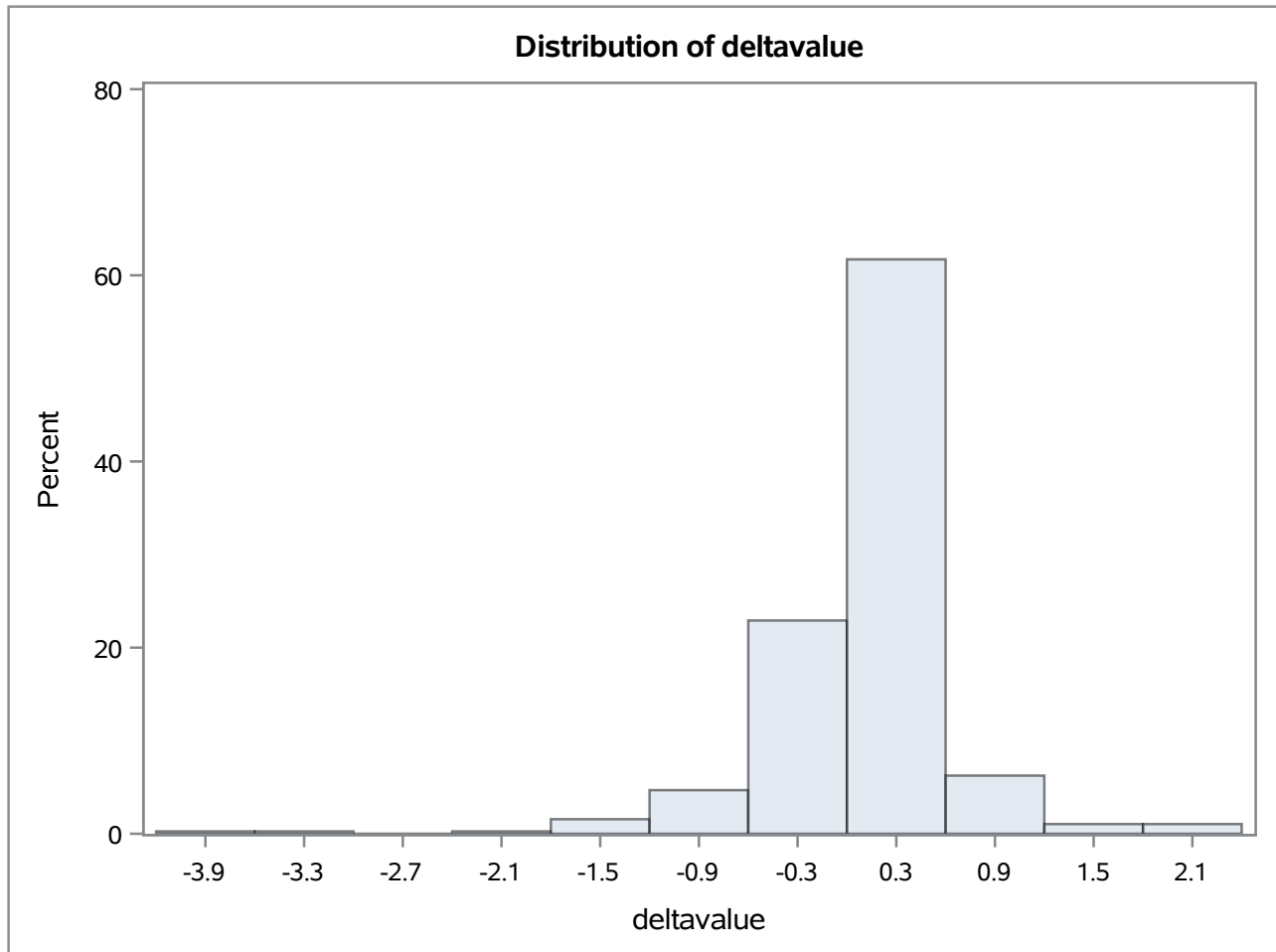
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Metamyelocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-4.0	351115	1.5	350883
-3.2	351078	1.8	350950
-2.2	351059	1.8	351234
-1.8	351157	2.0	350948
-1.8	350923	2.1	350967

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Metamyelocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Monocyte count

Moments			
N	1980	Sum Weights	1980
Mean	0.00005051	Sum Observations	0.1
Std Deviation	0.46068802	Variance	0.21223345
Skewness	-0.7941755	Kurtosis	6.06587107
Uncorrected SS	420.01	Corrected SS	420.009995
Coeff Variation	912162.273	Std Error Mean	0.01035319

Basic Statistical Measures			
Location		Variability	
Mean	0.000051	Std Deviation	0.46069
Median	0	Variance	0.21223
Mode	0	Range	4.60000
		Interquartile Range	0.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0.004878	Pr > t	0.9961
Sign	M	56.5	Pr >= M	0.0029
Signed Rank	S	35550	Pr >= S	0.0207

Quantiles (Definition 5)	
Level	Quantile
100% Max	2.0
99%	1.4
95%	0.7
90%	0.5
75% Q3	0.2
50% Median	0.0
25% Q1	-0.1
10%	-0.4
5%	-0.7
1%	-1.7
0% Min	-2.6

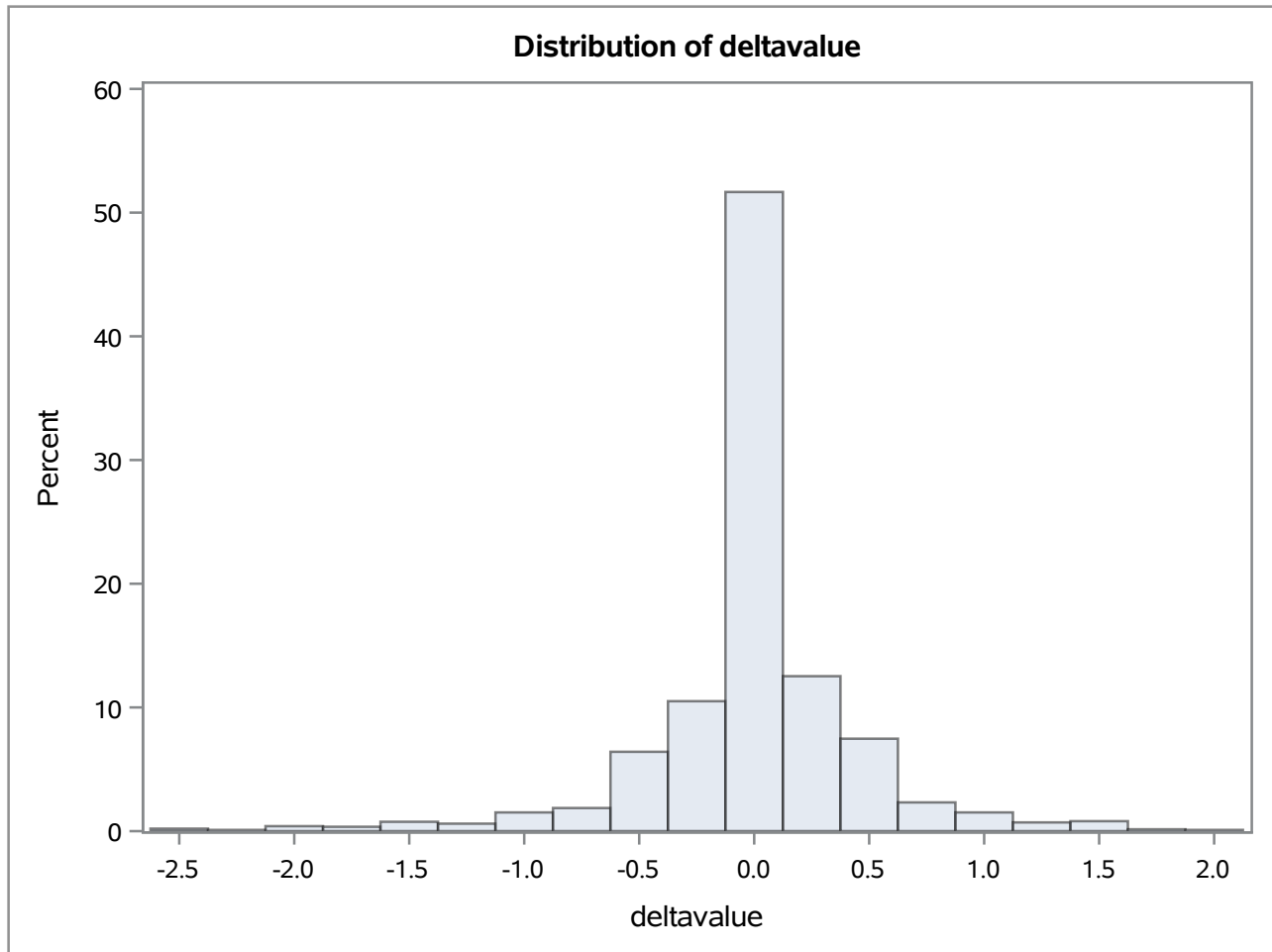
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Monocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-2.6	352245	1.7	351467
-2.6	352006	1.8	351939
-2.6	351348	1.8	352730
-2.4	351484	2.0	352540
-2.3	351336	2.0	353171

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Monocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Myelocyte count

Moments			
N	361	Sum Weights	361
Mean	-0.0083102	Sum Observations	-3
Std Deviation	0.55013905	Variance	0.30265297
Skewness	-0.0833685	Kurtosis	9.84000525
Uncorrected SS	108.98	Corrected SS	108.955069
Coeff Variation	-6620.0065	Std Error Mean	0.02895469

Basic Statistical Measures			
Location		Variability	
Mean	-0.00831	Std Deviation	0.55014
Median	0.00000	Variance	0.30265
Mode	0.00000	Range	6.30000
		Interquartile Range	0.20000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.28701	Pr > t	0.7743
Sign	M	4.5	Pr >= M	0.6064
Signed Rank	S	-73.5	Pr >= S	0.9460

Quantiles (Definition 5)	
Level	Quantile
100% Max	3.2
99%	1.8
95%	0.7
90%	0.4
75% Q3	0.1
50% Median	0.0
25% Q1	-0.1
10%	-0.4
5%	-0.7
1%	-1.9
0% Min	-3.1

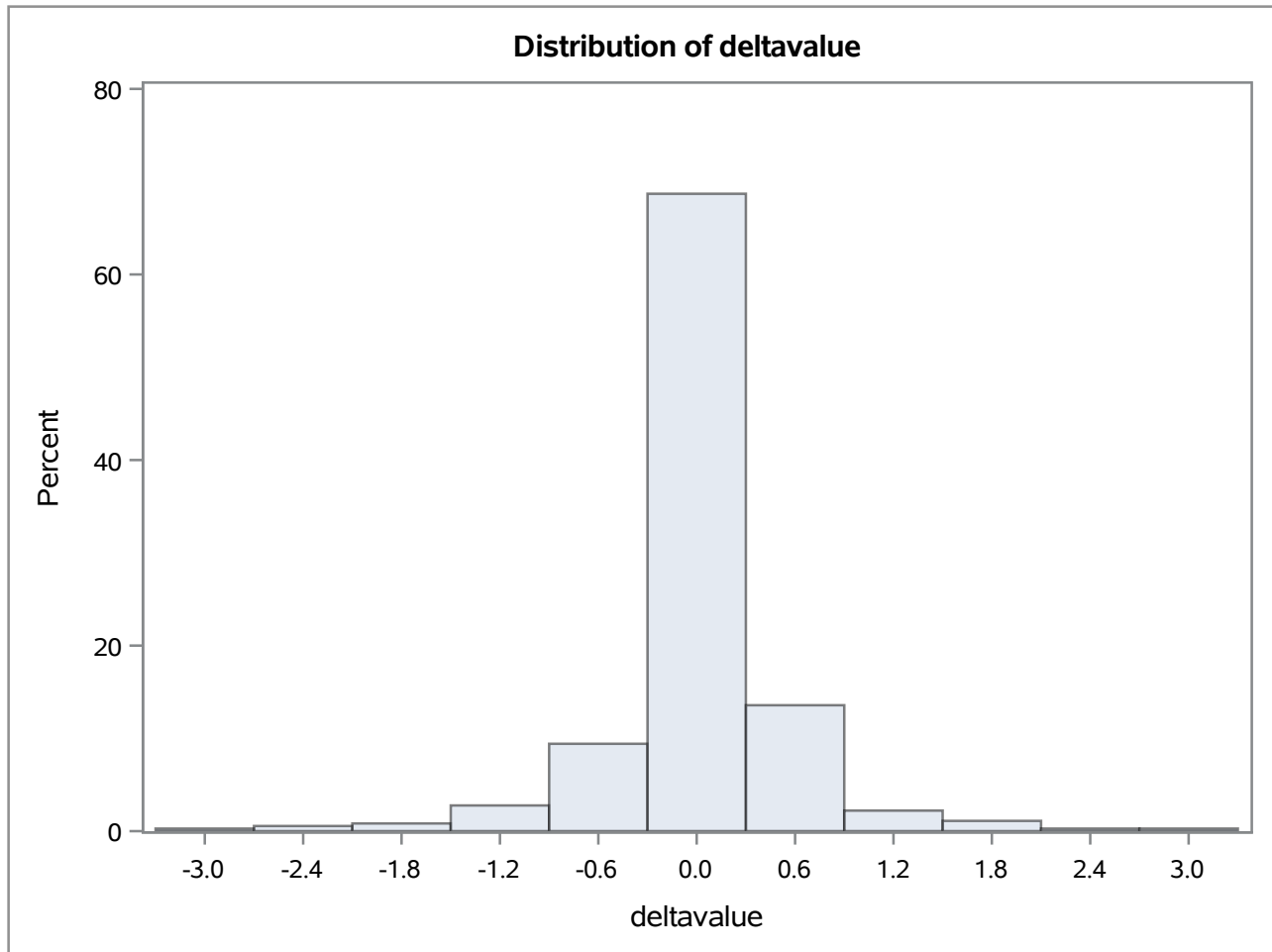
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Myelocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-3.1	353533	1.6	353295
-2.4	353615	1.8	353377
-2.2	353265	2.0	353359
-1.9	353305	2.6	353275
-1.8	353307	3.2	353342

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Myelocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Neutrophile count

Moments			
N	11134	Sum Weights	11134
Mean	-0.084453	Sum Observations	-940.3
Std Deviation	2.13955445	Variance	4.57769324
Skewness	-0.0085587	Kurtosis	3.64367796
Uncorrected SS	51042.87	Corrected SS	50963.4588
Coeff Variation	-2533.4254	Std Error Mean	0.02027672

Basic Statistical Measures			
Location		Variability	
Mean	-0.08445	Std Deviation	2.13955
Median	0.00000	Variance	4.57769
Mode	0.00000	Range	18.00000
		Interquartile Range	1.20000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-4.16502	Pr > t	<.0001
Sign	M	-48	Pr >= M	0.3117
Signed Rank	S	-995189	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	9.0
99%	6.8
95%	3.4
90%	2.0
75% Q3	0.5
50% Median	0.0
25% Q1	-0.7
10%	-2.4
5%	-4.0
1%	-6.8
0% Min	-9.0

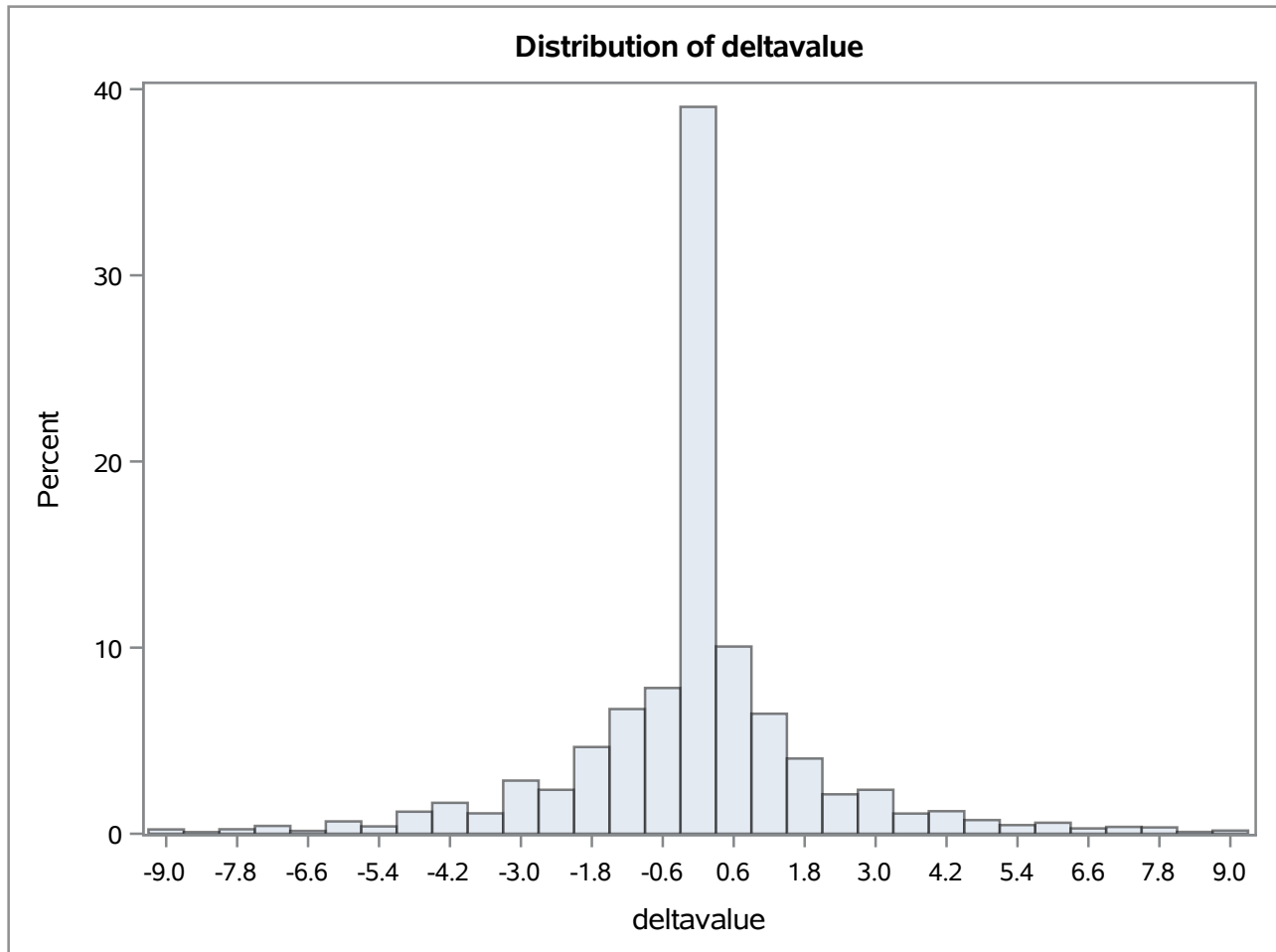
The UNIVARIATE Procedure
Variable: deltavalue

category=B. Special hematology longlabel=Neutrophile count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-9	364889	9	360947
-9	364474	9	360977
-9	363680	9	361637
-9	363479	9	362868
-9	362642	9	363458

The UNIVARIATE Procedure

category=B. Special hematology longlabel=Neutrophile count



The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Bilirubin

Moments			
N	22504	Sum Weights	22504
Mean	1.49967117	Sum Observations	33748.6
Std Deviation	12.8535133	Variance	165.212805
Skewness	0.52584232	Kurtosis	6.12419335
Uncorrected SS	3768395.56	Corrected SS	3717783.76
Coeff Variation	857.088781	Std Error Mean	0.08568247

Basic Statistical Measures			
Location		Variability	
Mean	1.499671	Std Deviation	12.85351
Median	0.000000	Variance	165.21281
Mode	0.000000	Range	134.00000
		Interquartile Range	7.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	17.50266	Pr > t	<.0001
Sign	M	993.5	Pr >= M	<.0001
Signed Rank	S	14002318	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	68
99%	48
95%	24
90%	14
75% Q3	4
50% Median	0
25% Q1	-3
10%	-9
5%	-16
1%	-38
0% Min	-66

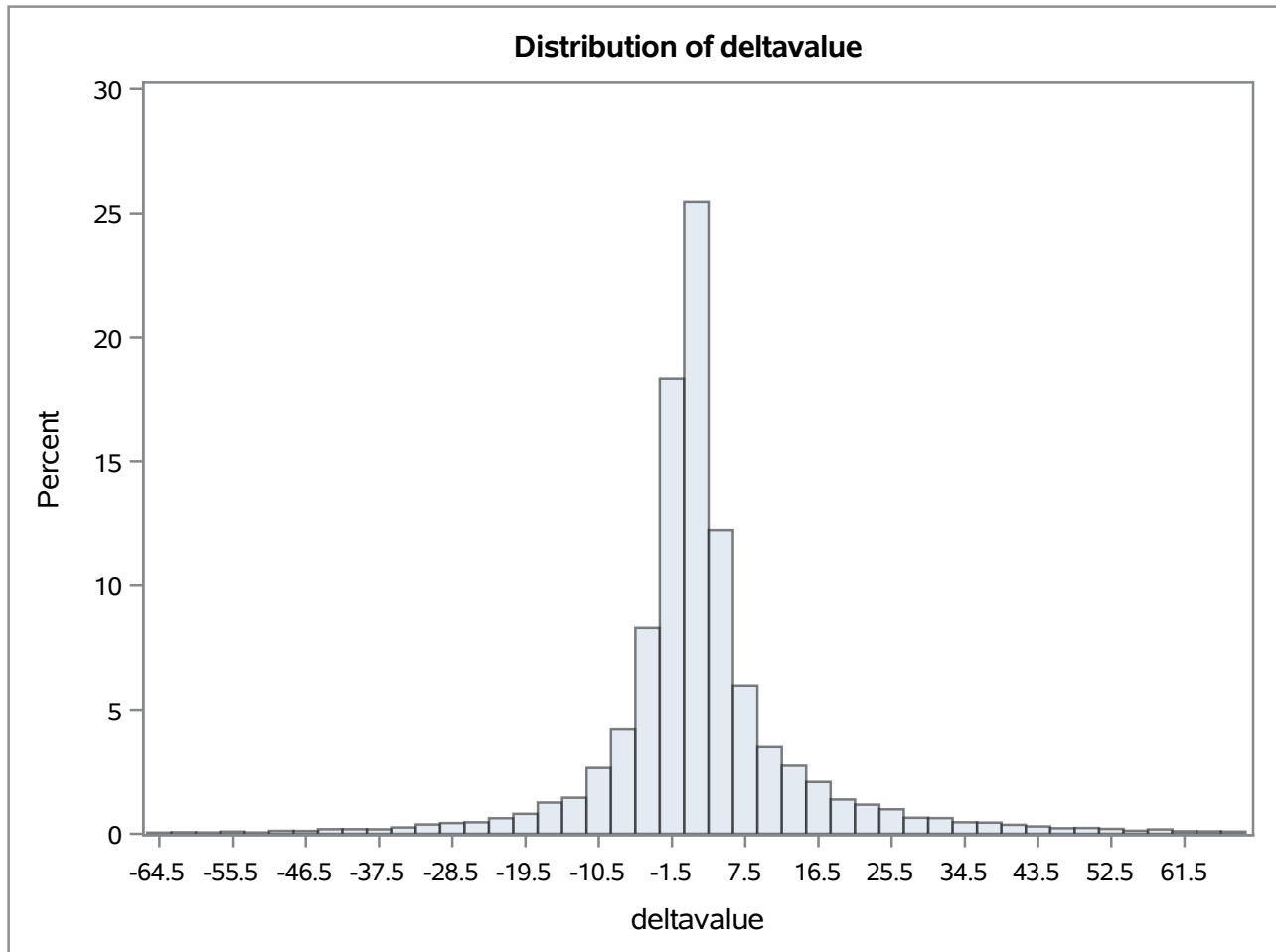
The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Bilirubin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-66	384367	67	379372
-66	379224	67	381435
-66	366426	68	365088
-65	376392	68	367392
-65	371778	68	371769

The UNIVARIATE Procedure

category=C. Hemolysis longlabel=Bilirubin



The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Haptoglobin

Moments			
N	383	Sum Weights	383
Mean	0.02819843	Sum Observations	10.8
Std Deviation	0.21461921	Variance	0.04606141
Skewness	0.15410714	Kurtosis	2.87610903
Uncorrected SS	17.9	Corrected SS	17.5954569
Coeff Variation	761.103312	Std Error Mean	0.01096653

Basic Statistical Measures			
Location		Variability	
Mean	0.028198	Std Deviation	0.21462
Median	0.000000	Variance	0.04606
Mode	0.000000	Range	1.70000
		Interquartile Range	0.10000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	2.571318	Pr > t 	0.0105
Sign	M	17.5	Pr >= M 	0.0190
Signed Rank	S	2350	Pr >= S 	0.0078

Quantiles (Definition 5)	
Level	Quantile
100% Max	0.8
99%	0.7
95%	0.4
90%	0.3
75% Q3	0.1
50% Median	0.0
25% Q1	0.0
10%	-0.2
5%	-0.3
1%	-0.6
0% Min	-0.9

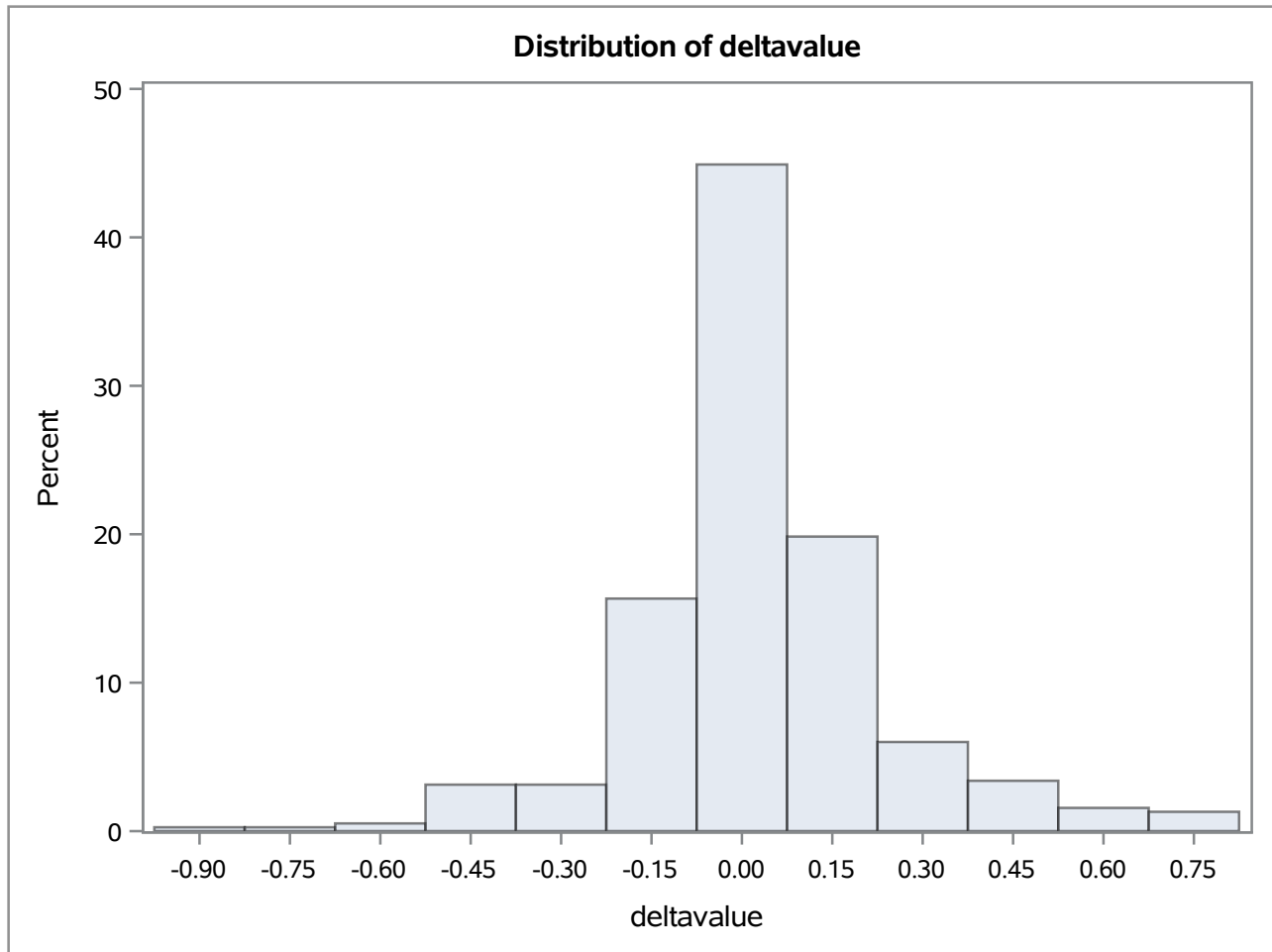
The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Haptoglobin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.9	388022	0.7	387823
-0.8	387835	0.7	387900
-0.6	388009	0.7	387996
-0.6	387813	0.7	387942
-0.5	388083	0.8	387848

The UNIVARIATE Procedure

category=C. Hemolysis longlabel=Haptoglobin



The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Lactate dehydrogenase

Moments			
N	6793	Sum Weights	6793
Mean	-0.3533343	Sum Observations	-2400.2
Std Deviation	4.55427043	Variance	20.7413791
Skewness	-0.0545376	Kurtosis	20.7784721
Uncorrected SS	141723.52	Corrected SS	140875.447
Coeff Variation	-1288.9409	Std Error Mean	0.05525709

Basic Statistical Measures			
Location		Variability	
Mean	-0.35333	Std Deviation	4.55427
Median	-0.10000	Variance	20.74138
Mode	0.00000	Range	71.00000
		Interquartile Range	1.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-6.39437	Pr > t	<.0001
Sign	M	-355.5	Pr >= M	<.0001
Signed Rank	S	-1553735	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	37.0
99%	15.6
95%	3.6
90%	1.9
75% Q3	0.5
50% Median	-0.1
25% Q1	-1.0
10%	-3.0
5%	-6.0
1%	-18.0
0% Min	-34.0

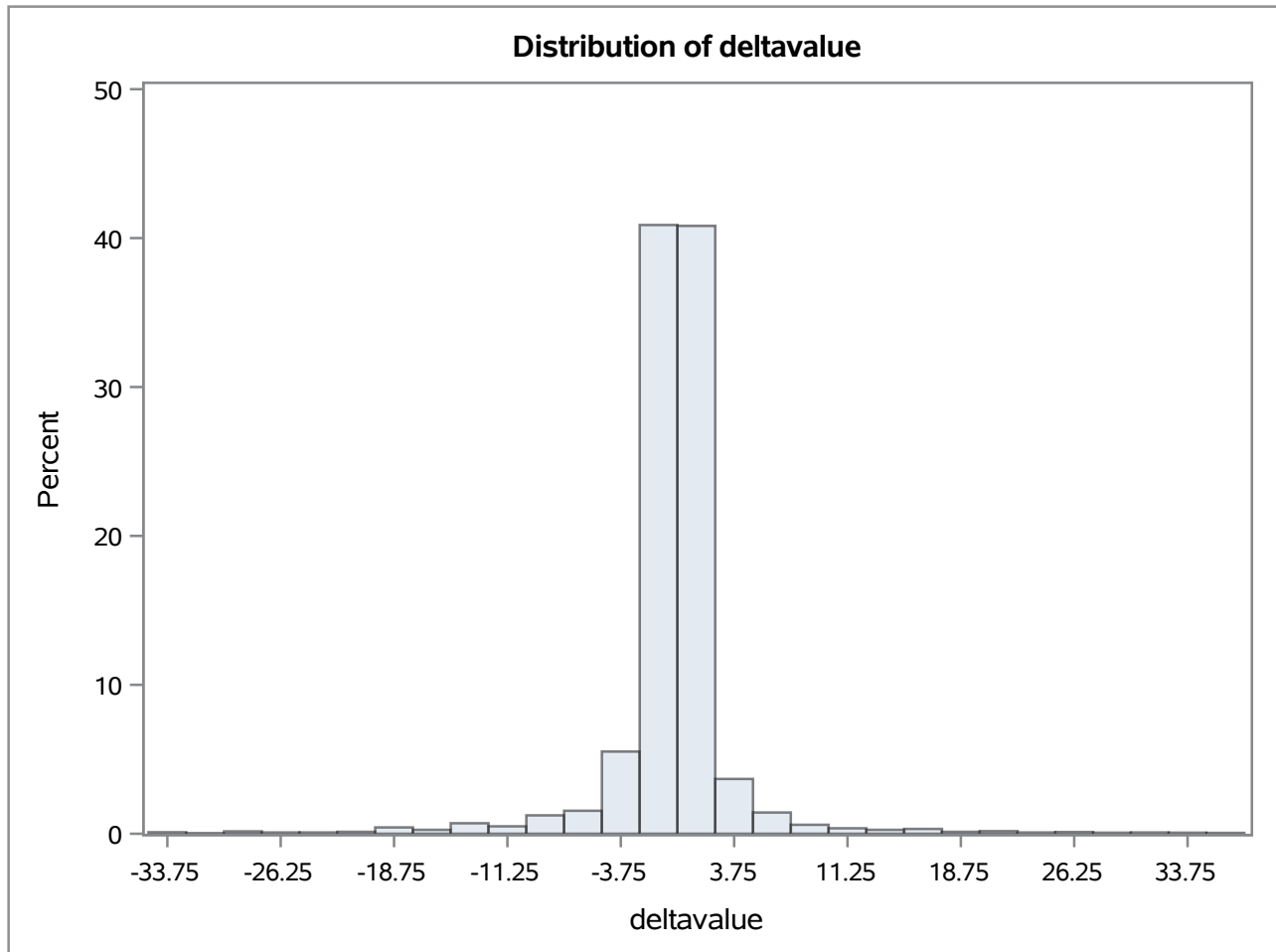
The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Lactate dehydrogenase

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-34.0	393967	34.0	391926
-34.0	390428	35.4	394716
-34.0	389842	35.6	393237
-33.2	388502	37.0	391664
-33.0	389360	37.0	392449

The UNIVARIATE Procedure

category=C. Hemolysis longlabel=Lactate dehydrogenase



The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Reticulocyte count

Moments			
N	517	Sum Weights	517
Mean	5.327853	Sum Observations	2754.5
Std Deviation	22.1592806	Variance	491.033719
Skewness	1.1910958	Kurtosis	6.62593277
Uncorrected SS	268048.97	Corrected SS	253373.399
Coeff Variation	415.91389	Std Error Mean	0.97456405

Basic Statistical Measures			
Location		Variability	
Mean	5.327853	Std Deviation	22.15928
Median	3.000000	Variance	491.03372
Mode	2.000000	Range	199.00000
		Interquartile Range	13.00000

Note: The mode displayed is the smallest of 2 modes with a count of 28.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.466909	Pr > t 	<.0001
Sign	M	75	Pr >= M 	<.0001
Signed Rank	S	21095	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	122
99%	83
95%	41
90%	28
75% Q3	11
50% Median	3
25% Q1	-2
10%	-15
5%	-24
1%	-55
0% Min	-77

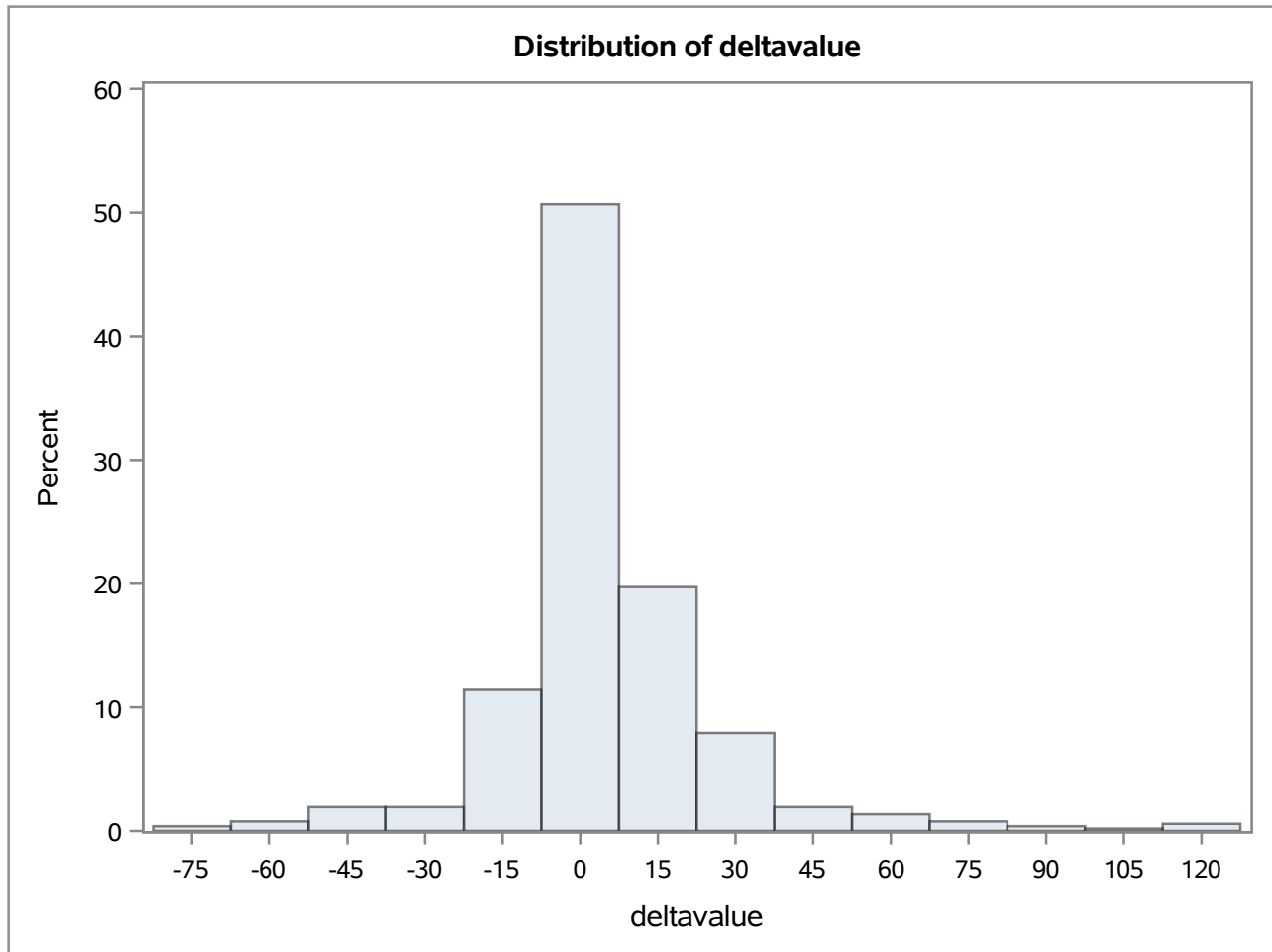
The UNIVARIATE Procedure
Variable: deltavalue

category=C. Hemolysis longlabel=Reticulocyte count

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-77	395351	96.0	395221
-74	395485	107.0	395156
-59	395392	116.9	395478
-56	395480	122.0	395137
-56	395081	122.0	395251

The UNIVARIATE Procedure

category=C. Hemolysis longlabel=Reticulocyte count



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=ALP

Moments			
N	6723	Sum Weights	6723
Mean	-0.0429124	Sum Observations	-288.5
Std Deviation	0.62009033	Variance	0.38451202
Skewness	-1.0958854	Kurtosis	7.55379693
Uncorrected SS	2597.07	Corrected SS	2584.68978
Coeff Variation	-1445.0147	Std Error Mean	0.00756264

Basic Statistical Measures			
Location		Variability	
Mean	-0.04291	Std Deviation	0.62009
Median	0.00000	Variance	0.38451
Mode	0.00000	Range	6.60000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-5.67426	Pr > t 	<.0001
Sign	M	-27	Pr >= M 	0.4840
Signed Rank	S	-429904	Pr >= S 	0.0006

Quantiles (Definition 5)	
Level	Quantile
100% Max	2.6
99%	1.7
95%	0.8
90%	0.5
75% Q3	0.2
50% Median	0.0
25% Q1	-0.2
10%	-0.6
5%	-1.0
1%	-2.4
0% Min	-4.0

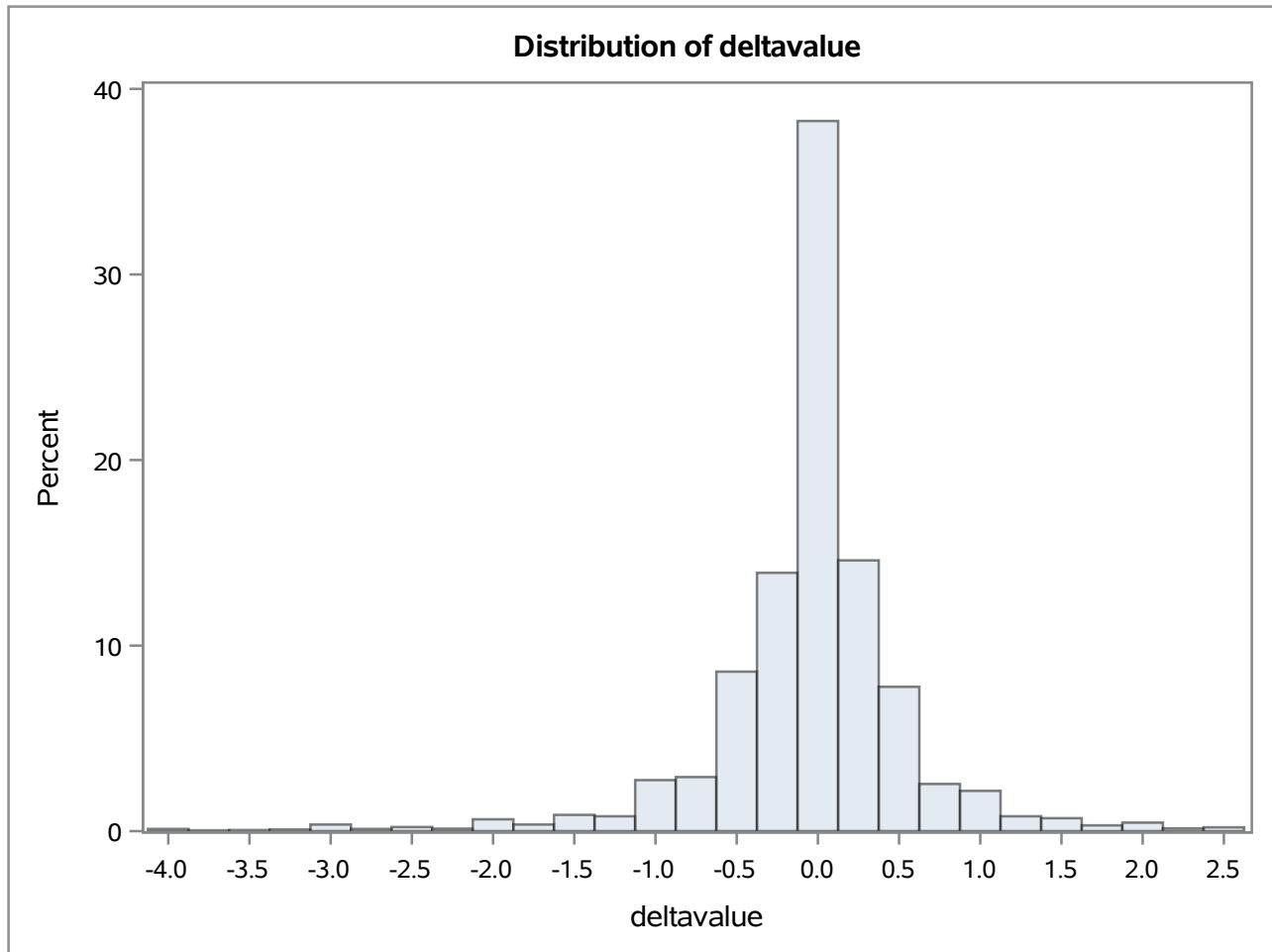
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=ALP

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-4	401716	2.5	400481
-4	399425	2.5	400441
-4	398998	2.6	397146
-4	398448	2.6	400722
-4	397736	2.6	401806

The UNIVARIATE Procedure

category=D. Liver tests longlabel=ALP



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=ALT

Moments			
N	16997	Sum Weights	16997
Mean	0.0284209	Sum Observations	483.07
Std Deviation	1.63448459	Variance	2.67153987
Skewness	4.38772764	Kurtosis	44.136927
Uncorrected SS	45419.2209	Corrected SS	45405.4916
Coeff Variation	5750.99562	Std Error Mean	0.01253703

Basic Statistical Measures			
Location		Variability	
Mean	0.028421	Std Deviation	1.63448
Median	0.000000	Variance	2.67154
Mode	0.000000	Range	28.00000
		Interquartile Range	0.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	2.266956	Pr > t	0.0234
Sign	M	-1030	Pr >= M	<.0001
Signed Rank	S	-6320408	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	20.0
99%	7.1
95%	1.1
90%	0.4
75% Q3	0.1
50% Median	0.0
25% Q1	-0.2
10%	-0.6
5%	-1.4
1%	-4.5
0% Min	-8.0

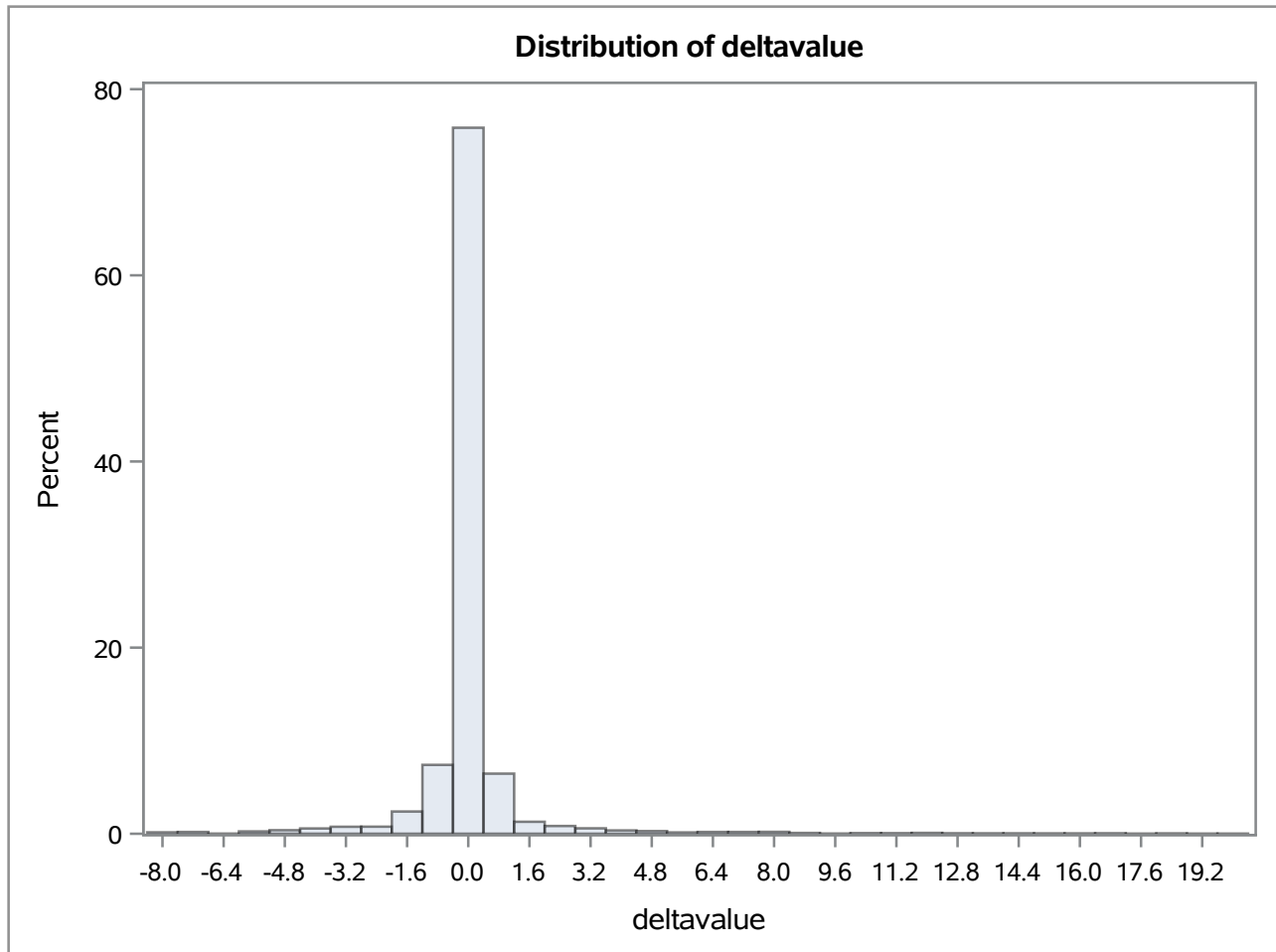
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=ALT

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-8	419130	19.0	409453
-8	418546	19.4	408403
-8	417439	19.8	406308
-8	417156	20.0	406662
-8	416805	20.0	408726

The UNIVARIATE Procedure

category=D. Liver tests longlabel=ALT



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=AST

Moments			
N	15408	Sum Weights	15408
Mean	-0.0094555	Sum Observations	-145.69
Std Deviation	3.41026172	Variance	11.629885
Skewness	3.77690187	Kurtosis	43.295015
Uncorrected SS	179183.016	Corrected SS	179181.639
Coeff Variation	-36066.52	Std Error Mean	0.02747354

Basic Statistical Measures			
Location		Variability	
Mean	-0.00946	Std Deviation	3.41026
Median	0.00000	Variance	11.62989
Mode	0.00000	Range	61.60000
		Interquartile Range	0.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.34417	Pr > t 	0.7307
Sign	M	-1141.5	Pr >= M 	<.0001
Signed Rank	S	-7907077	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	41.6
99%	14.0
95%	2.2
90%	0.7
75% Q3	0.2
50% Median	0.0
25% Q1	-0.3
10%	-1.2
5%	-3.0
1%	-10.1
0% Min	-20.0

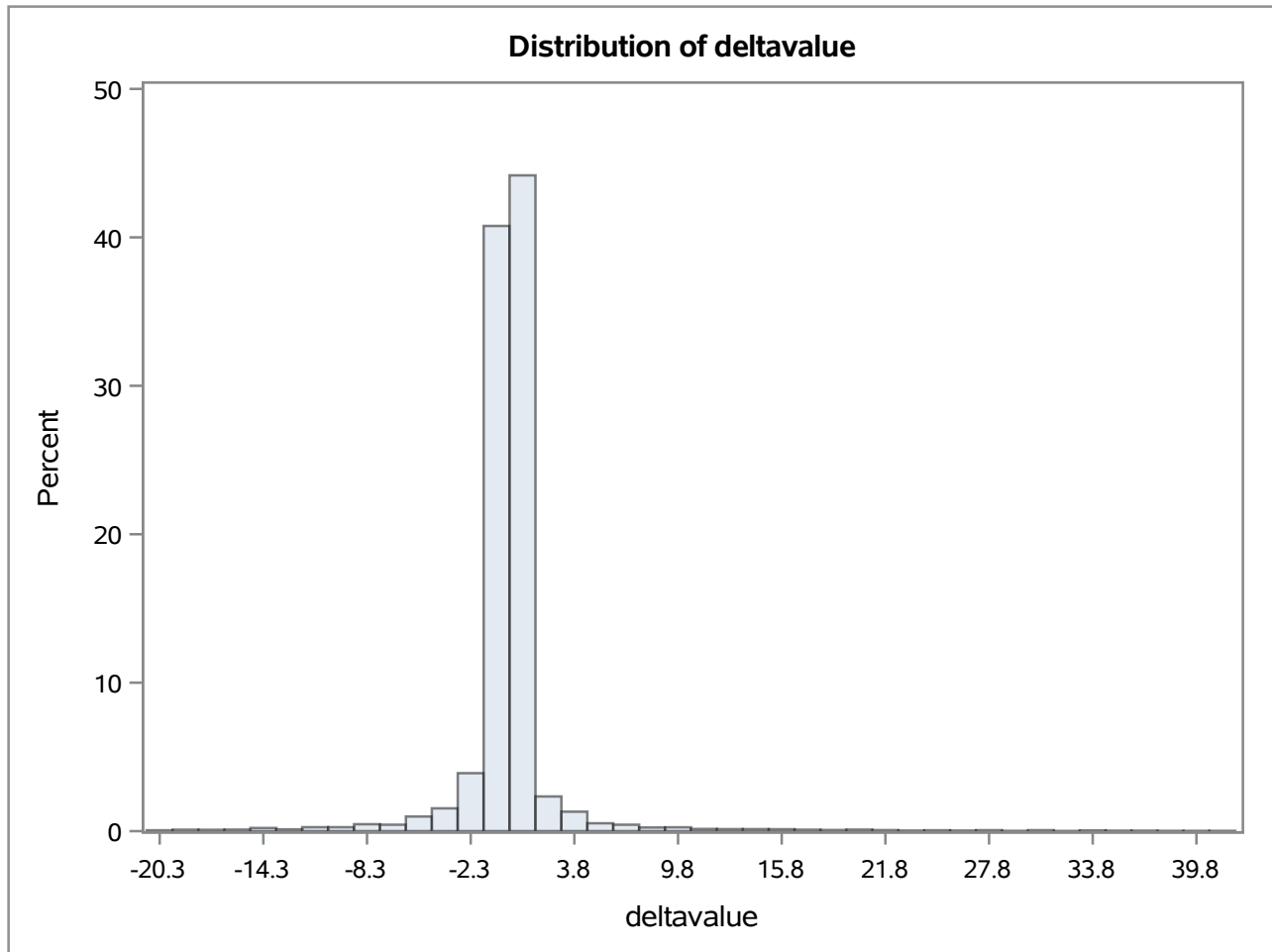
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=AST

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-20	433353	39.7	435115
-20	433284	40.1	420165
-20	432835	40.5	425249
-20	432530	41.0	427135
-20	431894	41.6	427800

The UNIVARIATE Procedure

category=D. Liver tests longlabel=AST



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Albumin

Moments			
N	23228	Sum Weights	23228
Mean	-0.0815826	Sum Observations	-1895
Std Deviation	3.05956426	Variance	9.36093344
Skewness	-0.1094569	Kurtosis	1.37357585
Uncorrected SS	217581	Corrected SS	217426.401
Coeff Variation	-3750.2669	Std Error Mean	0.02007491

Basic Statistical Measures			
Location		Variability	
Mean	-0.08158	Std Deviation	3.05956
Median	0.00000	Variance	9.36093
Mode	0.00000	Range	22.00000
		Interquartile Range	4.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-4.06391	Pr > t	<.0001
Sign	M	-303	Pr >= M	<.0001
Signed Rank	S	-3044328	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	10
99%	8
95%	5
90%	4
75% Q3	2
50% Median	0
25% Q1	-2
10%	-4
5%	-5
1%	-9
0% Min	-12

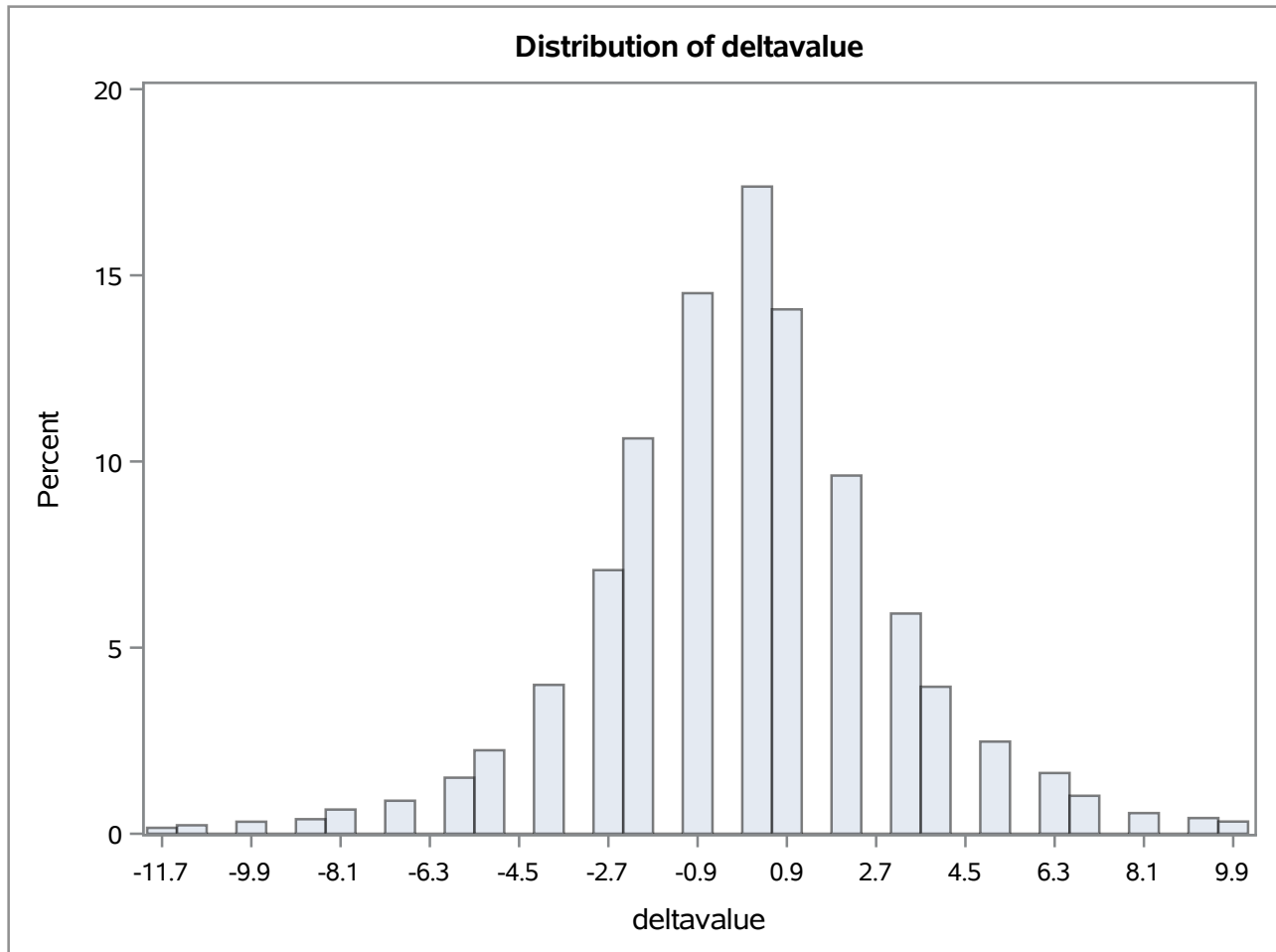
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Albumin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-12	458214	10	456861
-12	458124	10	457515
-12	457530	10	457553
-12	456434	10	457674
-12	455899	10	457893

The UNIVARIATE Procedure

category=D. Liver tests longlabel=Albumin



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Conjugated bilirubin

Moments			
N	4875	Sum Weights	4875
Mean	1.10317949	Sum Observations	5378
Std Deviation	16.0991816	Variance	259.183648
Skewness	-0.5578364	Kurtosis	11.6766858
Uncorrected SS	1269194	Corrected SS	1263261.1
Coeff Variation	1459.34381	Std Error Mean	0.23057727

Basic Statistical Measures			
Location		Variability	
Mean	1.103179	Std Deviation	16.09918
Median	0.000000	Variance	259.18365
Mode	0.000000	Range	207.00000
		Interquartile Range	6.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.784424	Pr > t	<.0001
Sign	M	149	Pr >= M	<.0001
Signed Rank	S	498234.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	84
99%	57
95%	26
90%	15
75% Q3	4
50% Median	0
25% Q1	-2
10%	-10
5%	-19
1%	-55
0% Min	-123

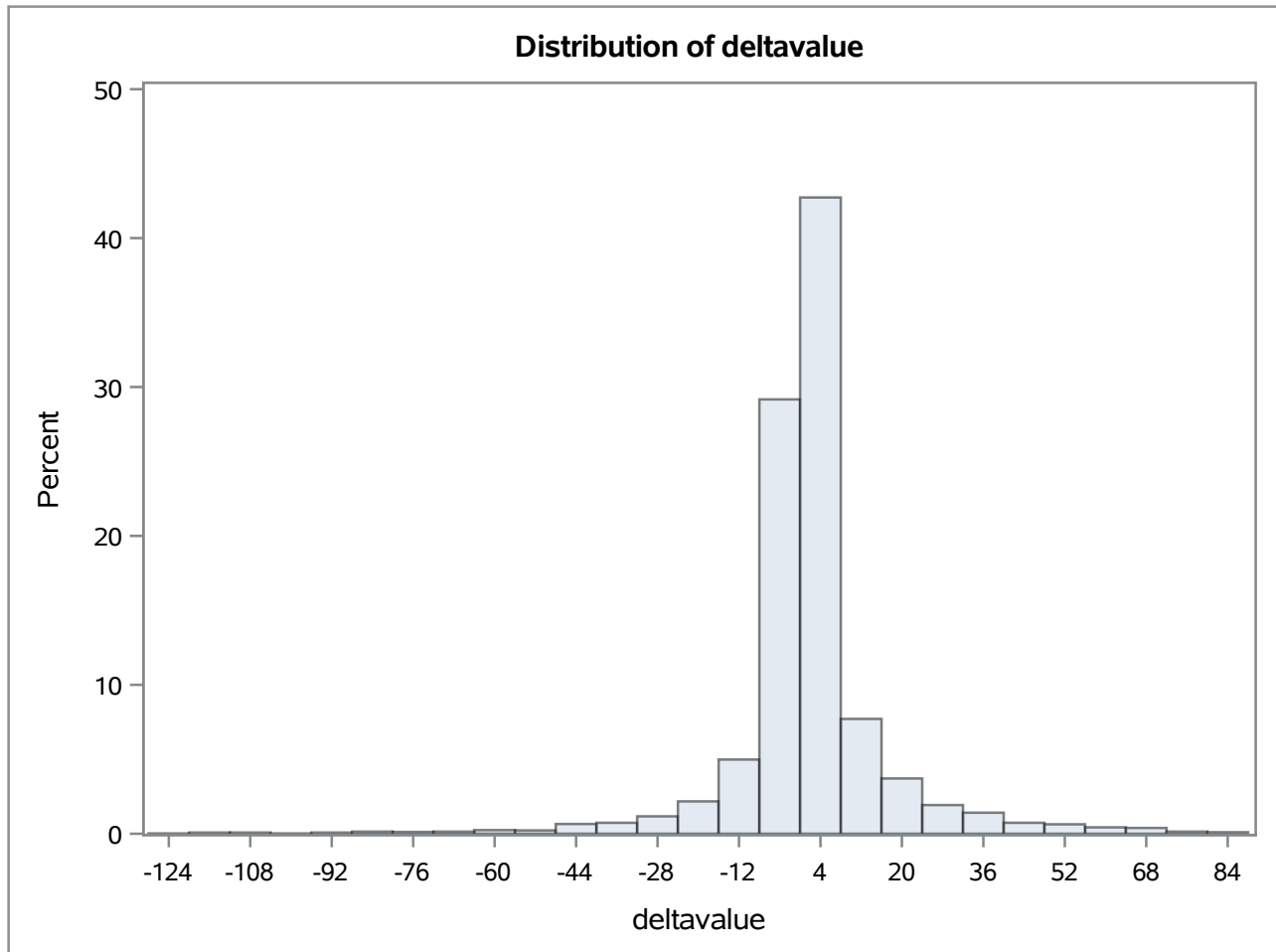
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Conjugated bilirubin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-123	463368	80	460023
-119	462962	81	462205
-118	460627	82	462969
-117	462714	83	460021
-114	460623	84	462334

The UNIVARIATE Procedure

category=D. Liver tests longlabel=Conjugated bilirubin



The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Glutamyl transferase

Moments			
N	7792	Sum Weights	7792
Mean	-0.0338681	Sum Observations	-263.9
Std Deviation	0.78191865	Variance	0.61139677
Skewness	-1.1000718	Kurtosis	8.82613671
Uncorrected SS	4772.33	Corrected SS	4763.39222
Coeff Variation	-2308.7192	Std Error Mean	0.00885803

Basic Statistical Measures			
Location		Variability	
Mean	-0.03387	Std Deviation	0.78192
Median	0.00000	Variance	0.61140
Mode	0.00000	Range	8.30000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-3.82343	Pr > t	0.0001
Sign	M	-34.5	Pr >= M	0.3913
Signed Rank	S	-253761	Pr >= S	0.0782

Quantiles (Definition 5)	
Level	Quantile
100% Max	3.2
99%	2.2
95%	1.1
90%	0.6
75% Q3	0.2
50% Median	0.0
25% Q1	-0.2
10%	-0.7
5%	-1.2
1%	-3.0
0% Min	-5.1

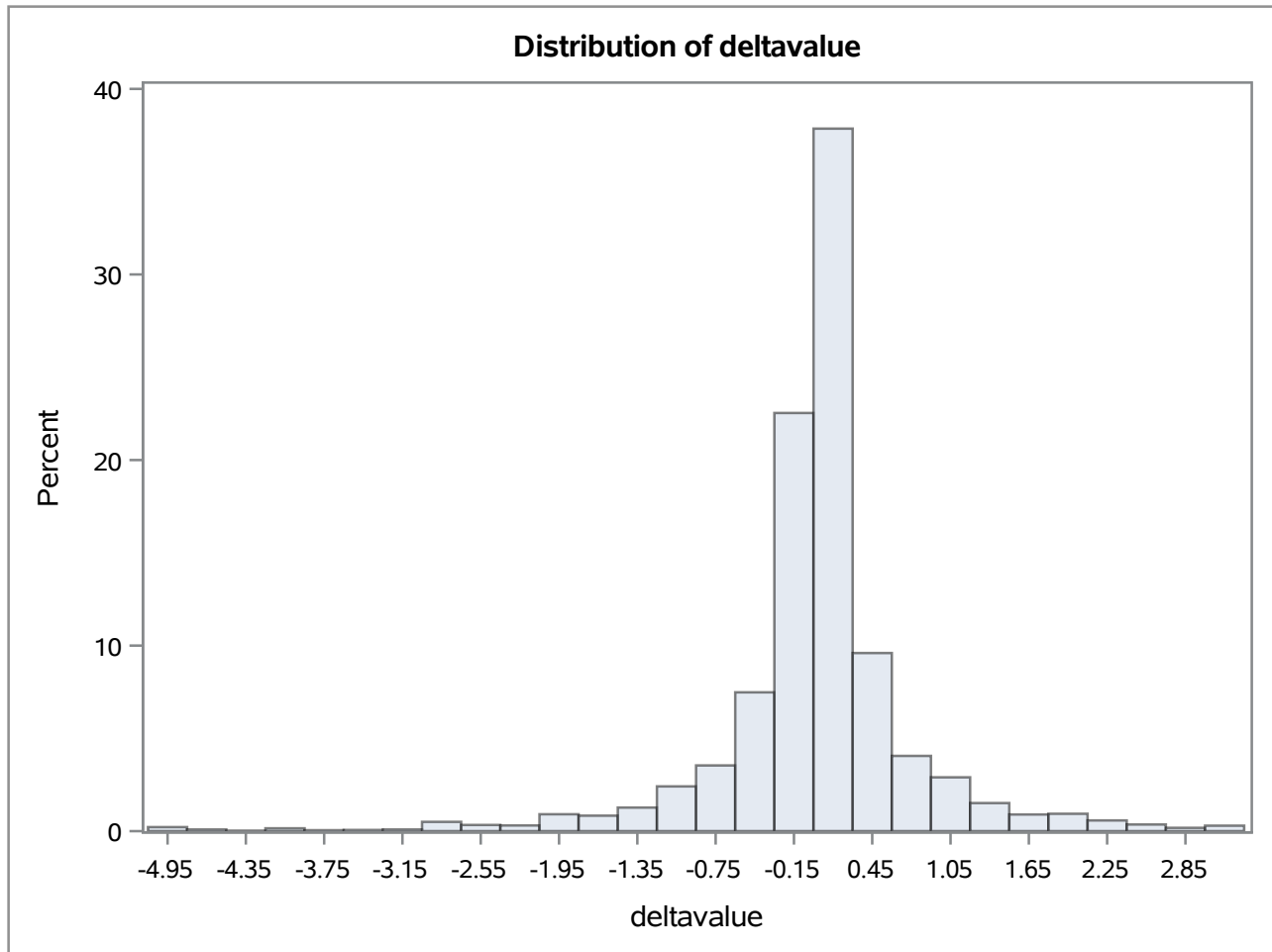
The UNIVARIATE Procedure
Variable: deltavalue

category=D. Liver tests longlabel=Glutamyl transferase

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-5.1	471612	3.2	466658
-5.1	464949	3.2	467494
-5.0	471384	3.2	471297
-5.0	470538	3.2	466348
-5.0	470114	3.2	466492

The UNIVARIATE Procedure

category=D. Liver tests longlabel=Glutamyl transferase



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Calcium

Moments			
N	12820	Sum Weights	12820
Mean	0.00582449	Sum Observations	74.67
Std Deviation	0.13464685	Variance	0.01812977
Skewness	-0.0735912	Kurtosis	0.78401847
Uncorrected SS	232.8405	Corrected SS	232.405585
Coeff Variation	2311.73517	Std Error Mean	0.00118919

Basic Statistical Measures			
Location		Variability	
Mean	0.005824	Std Deviation	0.13465
Median	0.000000	Variance	0.01813
Mode	0.000000	Range	0.90000
		Interquartile Range	0.20000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.897855	Pr > t	<.0001
Sign	M	280.5	Pr >= M	<.0001
Signed Rank	S	1165836	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	0.4
99%	0.4
95%	0.2
90%	0.2
75% Q3	0.1
50% Median	0.0
25% Q1	-0.1
10%	-0.2
5%	-0.2
1%	-0.4
0% Min	-0.5

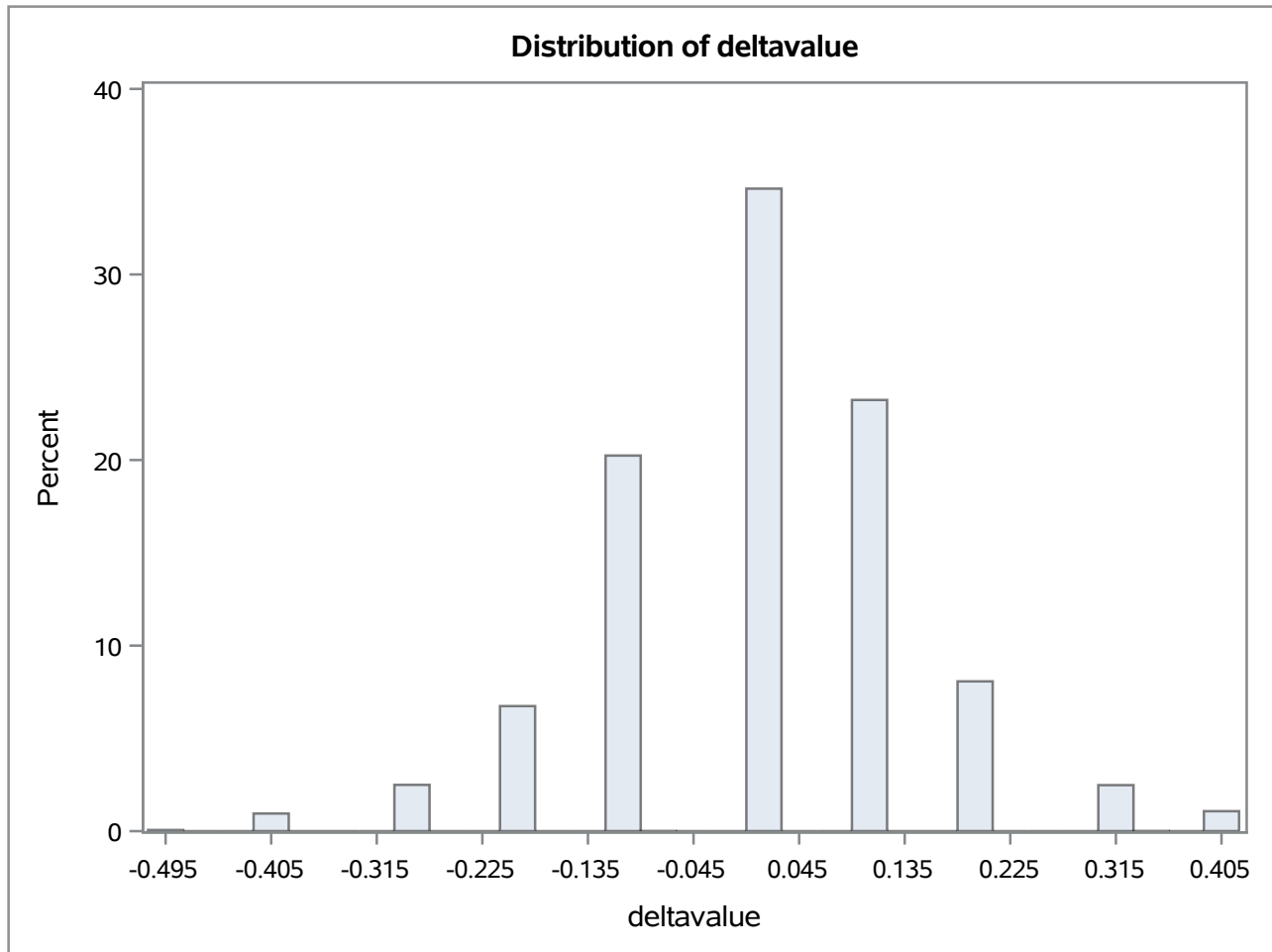
The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Calcium

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.5	481036	0.4	482537
-0.5	479941	0.4	482662
-0.5	479382	0.4	483035
-0.5	478273	0.4	484048
-0.5	475000	0.4	484382

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Calcium



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Chloride

Moments			
N	21104	Sum Weights	21104
Mean	0.33562358	Sum Observations	7083
Std Deviation	2.20246766	Variance	4.85086377
Skewness	0.20895118	Kurtosis	1.60625504
Uncorrected SS	104745	Corrected SS	102367.778
Coeff Variation	656.231504	Std Error Mean	0.01516098

Basic Statistical Measures			
Location		Variability	
Mean	0.335624	Std Deviation	2.20247
Median	0.000000	Variance	4.85086
Mode	0.000000	Range	16.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	22.13733	Pr > t	<.0001
Sign	M	1438.5	Pr >= M	<.0001
Signed Rank	S	12850164	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	9
99%	7
95%	4
90%	3
75% Q3	1
50% Median	0
25% Q1	-1
10%	-2
5%	-3
1%	-6
0% Min	-7

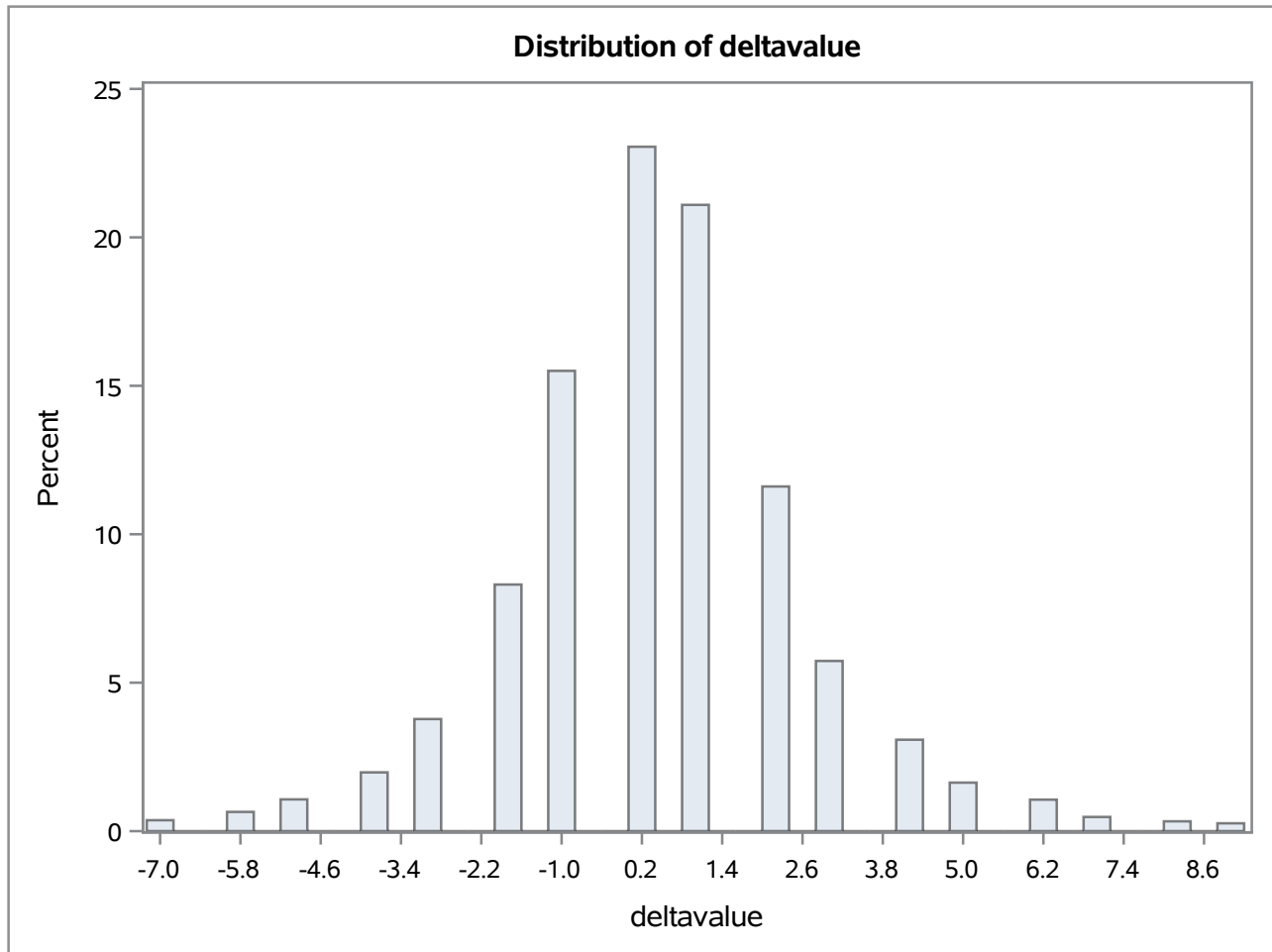
The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Chloride

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-7	506025	9	505138
-7	505802	9	505311
-7	505663	9	505431
-7	505395	9	505477
-7	505281	9	505935

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Chloride



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Free Calcium

Moments			
N	20420	Sum Weights	20420
Mean	-0.0021694	Sum Observations	-44.3
Std Deviation	0.07229867	Variance	0.0052271
Skewness	0.10305896	Kurtosis	2.88202122
Uncorrected SS	106.8282	Corrected SS	106.732094
Coeff Variation	-3332.5931	Std Error Mean	0.00050594

Basic Statistical Measures			
Location		Variability	
Mean	-0.00217	Std Deviation	0.07230
Median	0.00000	Variance	0.00523
Mode	0.00000	Range	0.60000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-4.28791	Pr > t	<.0001
Sign	M	-248	Pr >= M	<.0001
Signed Rank	S	-579503	Pr >= S	0.0006

Quantiles (Definition 5)	
Level	Quantile
100% Max	0.3
99%	0.2
95%	0.1
90%	0.1
75% Q3	0.0
50% Median	0.0
25% Q1	0.0
10%	-0.1
5%	-0.1
1%	-0.2
0% Min	-0.3

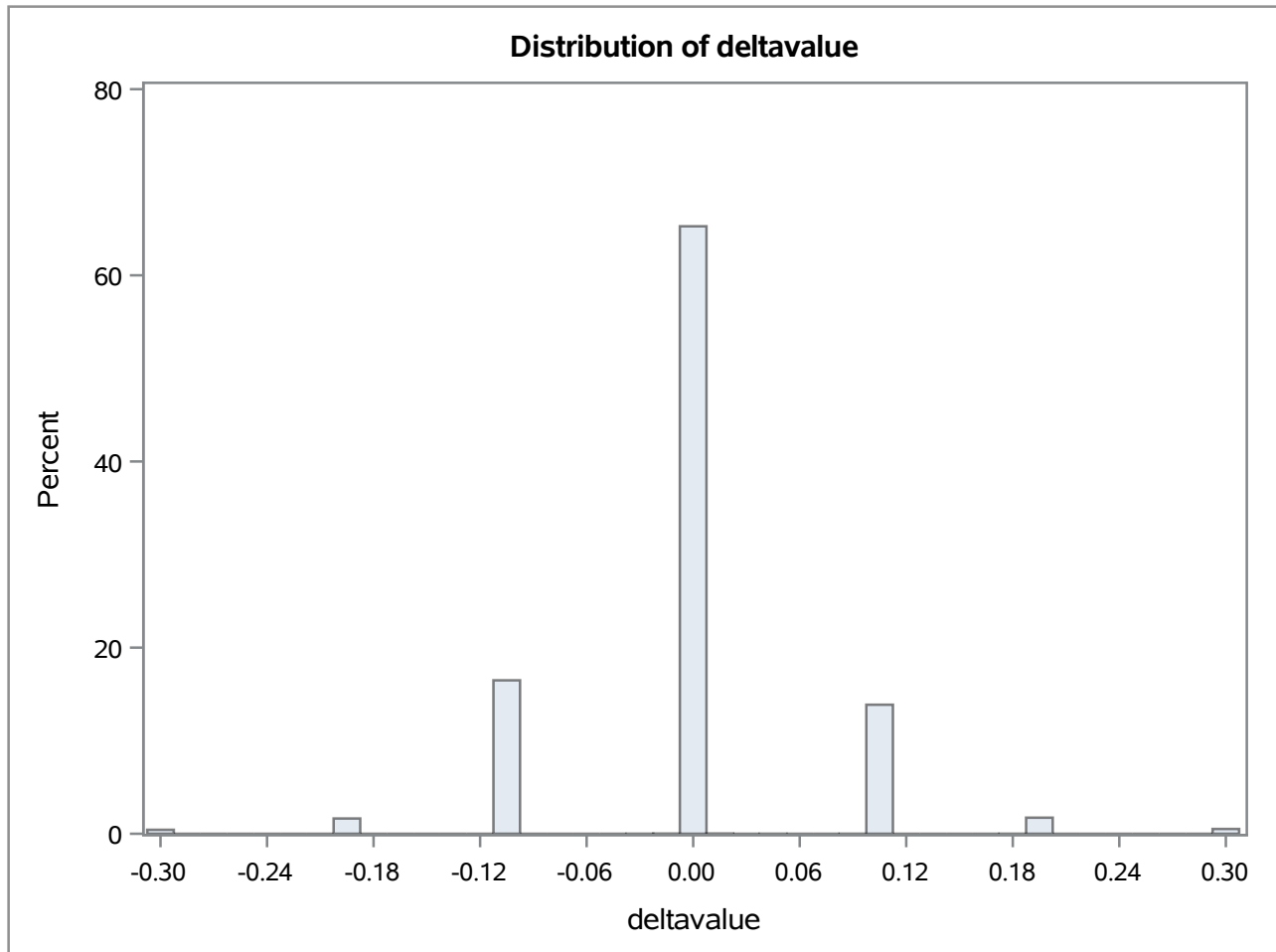
The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Free Calcium

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.3	526674	0.3	526166
-0.3	526601	0.3	526556
-0.3	526422	0.3	526598
-0.3	525405	0.3	526654
-0.3	524296	0.3	526689

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Free Calcium



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Osmolality

Moments			
N	6503	Sum Weights	6503
Mean	0.18514532	Sum Observations	1204
Std Deviation	3.54583047	Variance	12.5729137
Skewness	0.26144849	Kurtosis	1.25767477
Uncorrected SS	81972	Corrected SS	81749.085
Coeff Variation	1915.16076	Std Error Mean	0.04397047

Basic Statistical Measures			
Location		Variability	
Mean	0.185145	Std Deviation	3.54583
Median	0.000000	Variance	12.57291
Mode	0.000000	Range	24.00000
		Interquartile Range	4.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.210674	Pr > t	<.0001
Sign	M	74	Pr >= M	0.0478
Signed Rank	S	375399	Pr >= S	0.0014

Quantiles (Definition 5)	
Level	Quantile
100% Max	13
99%	11
95%	6
90%	4
75% Q3	2
50% Median	0
25% Q1	-2
10%	-4
5%	-6
1%	-9
0% Min	-11

The UNIVARIATE Procedure

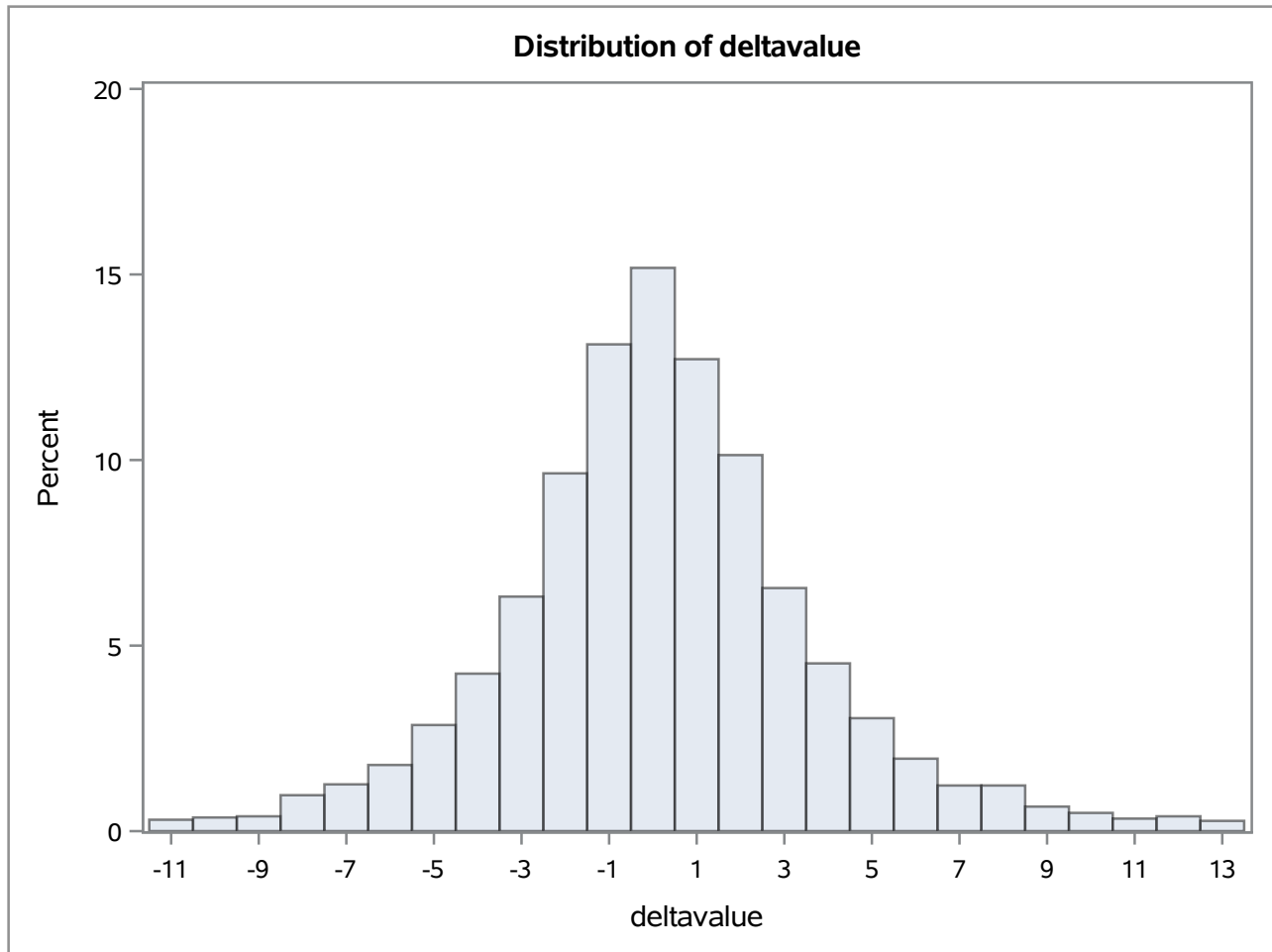
Variable: deltavalue

category=E. Electrolytes longlabel=Osmolality

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-11	532746	13	531306
-11	532570	13	531351
-11	531255	13	531770
-11	531123	13	531792
-11	530734	13	533370

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Osmolality



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Potassium

Moments			
N	47090	Sum Weights	47090
Mean	0.00205351	Sum Observations	96.7
Std Deviation	0.39835908	Variance	0.15868996
Skewness	-0.0047296	Kurtosis	0.81019701
Uncorrected SS	7472.75	Corrected SS	7472.55143
Coeff Variation	19398.8926	Std Error Mean	0.00183574

Basic Statistical Measures			
Location		Variability	
Mean	0.002054	Std Deviation	0.39836
Median	0.000000	Variance	0.15869
Mode	0.000000	Range	2.60000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.118632	Pr > t	0.2633
Sign	M	194.5	Pr >= M	0.0560
Signed Rank	S	6986874	Pr >= S	0.0038

Quantiles (Definition 5)	
Level	Quantile
100% Max	1.3
99%	1.0
95%	0.7
90%	0.5
75% Q3	0.2
50% Median	0.0
25% Q1	-0.2
10%	-0.5
5%	-0.7
1%	-1.1
0% Min	-1.3

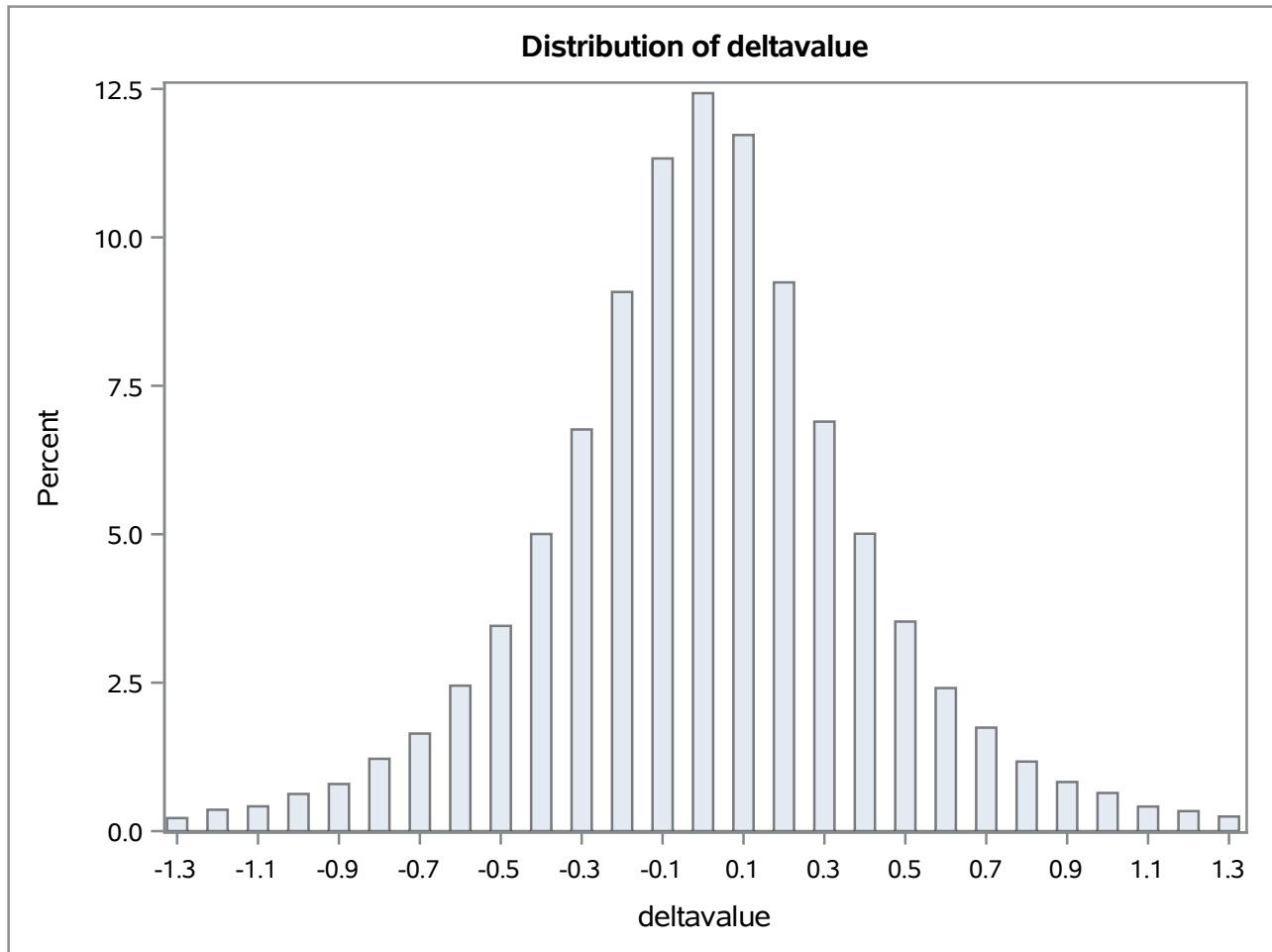
The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Potassium

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-1.3	581107	1.3	576171
-1.3	580872	1.3	579251
-1.3	580569	1.3	579564
-1.3	580002	1.3	579889
-1.3	574422	1.3	581306

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Potassium



The UNIVARIATE Procedure
Variable: deltavalue

category=E. Electrolytes longlabel=Sodium

Moments			
N	46556	Sum Weights	46556
Mean	0.1993728	Sum Observations	9282
Std Deviation	2.45841549	Variance	6.04380672
Skewness	0.11907998	Kurtosis	0.64914914
Uncorrected SS	283220	Corrected SS	281369.422
Coeff Variation	1233.07468	Std Error Mean	0.01139377

Basic Statistical Measures			
Location		Variability	
Mean	0.199373	Std Deviation	2.45842
Median	0.000000	Variance	6.04381
Mode	0.000000	Range	15.00000
		Interquartile Range	3.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	17.4984	Pr > t	<.0001
Sign	M	1308.5	Pr >= M	<.0001
Signed Rank	S	33228272	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	8
99%	7
95%	4
90%	3
75% Q3	2
50% Median	0
25% Q1	-1
10%	-3
5%	-4
1%	-6
0% Min	-7

The UNIVARIATE Procedure

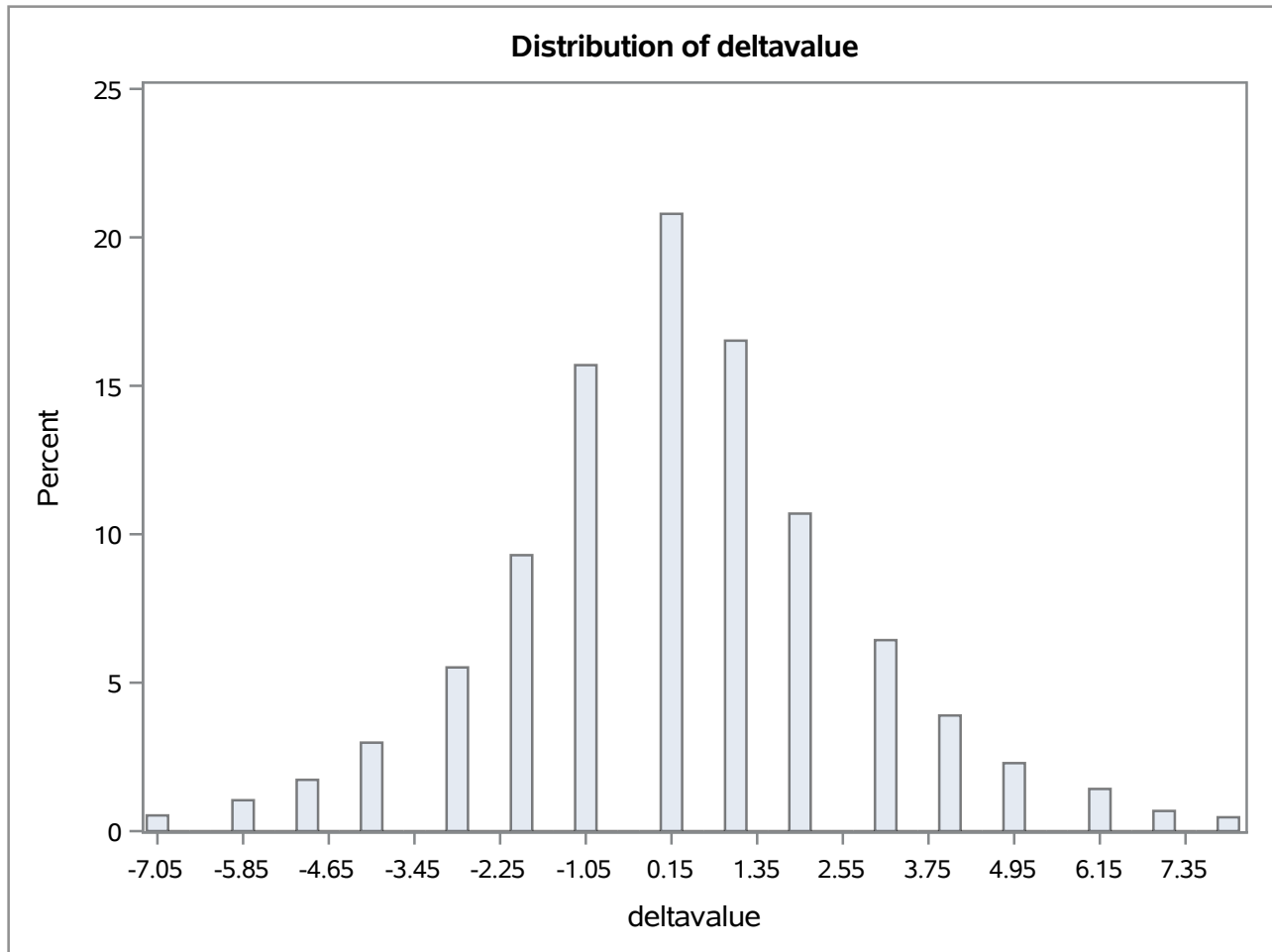
Variable: deltavalue

category=E. Electrolytes longlabel=Sodium

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-7	628844	8	628331
-7	628513	8	628395
-7	628268	8	628463
-7	628041	8	628521
-7	627738	8	628526

The UNIVARIATE Procedure

category=E. Electrolytes longlabel=Sodium



The UNIVARIATE Procedure
Variable: deltavalue

category=F. Kidney function longlabel=Creatinine

Moments			
N	50642	Sum Weights	50642
Mean	-3.2770151	Sum Observations	-165954.6
Std Deviation	23.8763591	Variance	570.080524
Skewness	-0.5251686	Kurtosis	5.9038555
Uncorrected SS	29413283.6	Corrected SS	28869447.8
Coeff Variation	-728.60082	Std Error Mean	0.10609934

Basic Statistical Measures			
Location		Variability	
Mean	-3.27702	Std Deviation	23.87636
Median	-2.00000	Variance	570.08052
Mode	0.00000	Range	234.00000
		Interquartile Range	16.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-30.8863	Pr > t	<.0001
Sign	M	-4503	Pr >= M	<.0001
Signed Rank	S	-1.284E8	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	100
99%	72
95%	33
90%	18
75% Q3	5
50% Median	-2
25% Q1	-11
10%	-25
5%	-41
1%	-90
0% Min	-134

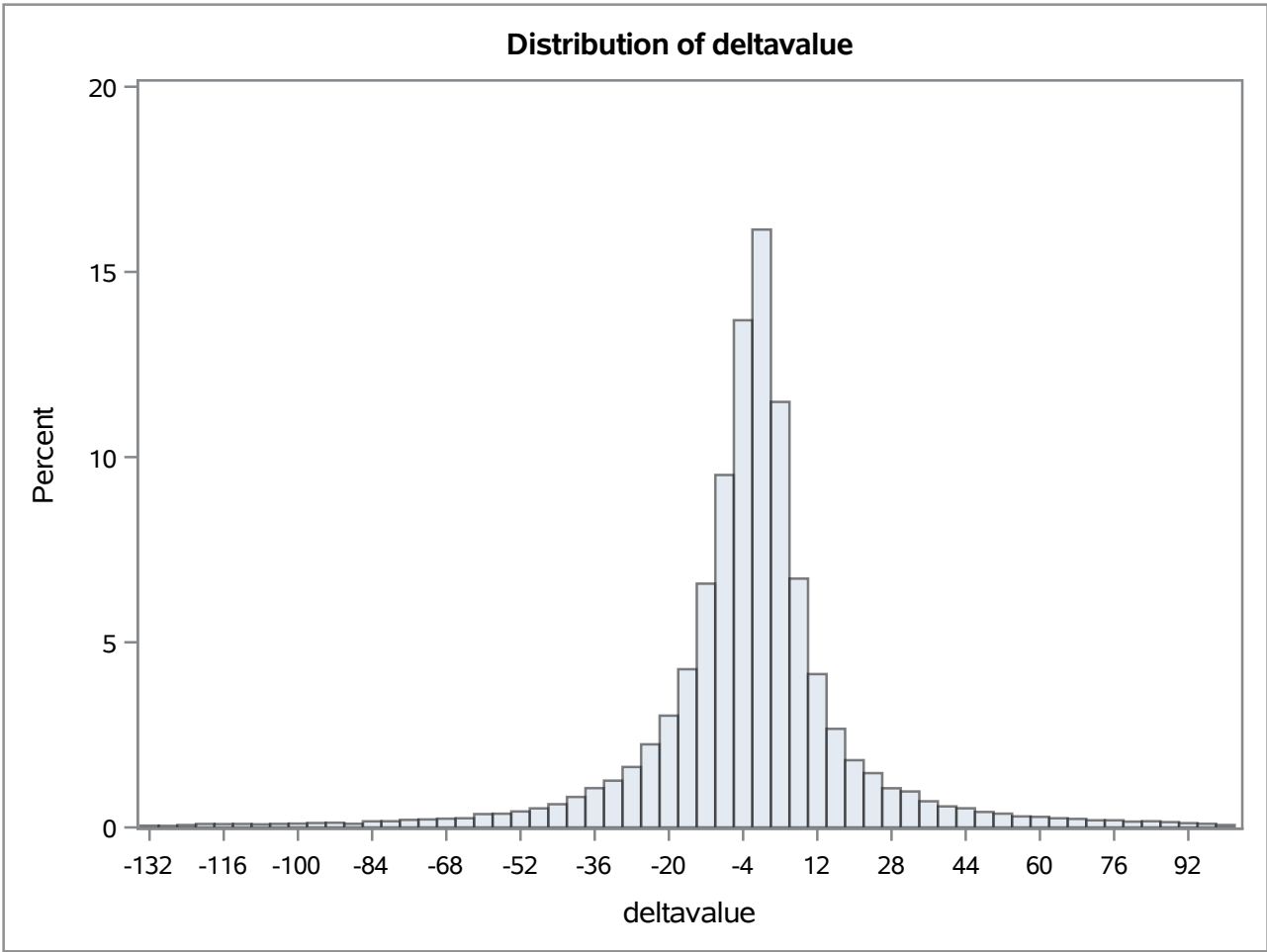
The UNIVARIATE Procedure
Variable: deltavalue

category=F. Kidney function longlabel=Creatinine

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-134	658267	100	671730
-134	654606	100	673452
-134	650193	100	677320
-134	647356	100	677665
-134	640993	100	677853

The UNIVARIATE Procedure

category=F. Kidney function longlabel=Creatinine



The UNIVARIATE Procedure
Variable: deltavalue

category=F. Kidney function longlabel=Standard bicarbonate

Moments			
N	20347	Sum Weights	20347
Mean	0.03238315	Sum Observations	658.9
Std Deviation	1.66933551	Variance	2.78668105
Skewness	0.33865544	Kurtosis	2.15615505
Uncorrected SS	56719.15	Corrected SS	56697.8127
Coeff Variation	5154.95063	Std Error Mean	0.0117029

Basic Statistical Measures			
Location		Variability	
Mean	0.032383	Std Deviation	1.66934
Median	0.000000	Variance	2.78668
Mode	0.000000	Range	13.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	2.767105	Pr > t	0.0057
Sign	M	-158	Pr >= M	0.0076
Signed Rank	S	318951.5	Pr >= S	0.4875

Quantiles (Definition 5)	
Level	Quantile
100% Max	7
99%	5
95%	3
90%	2
75% Q3	1
50% Median	0
25% Q1	-1
10%	-2
5%	-2
1%	-4
0% Min	-6

The UNIVARIATE Procedure

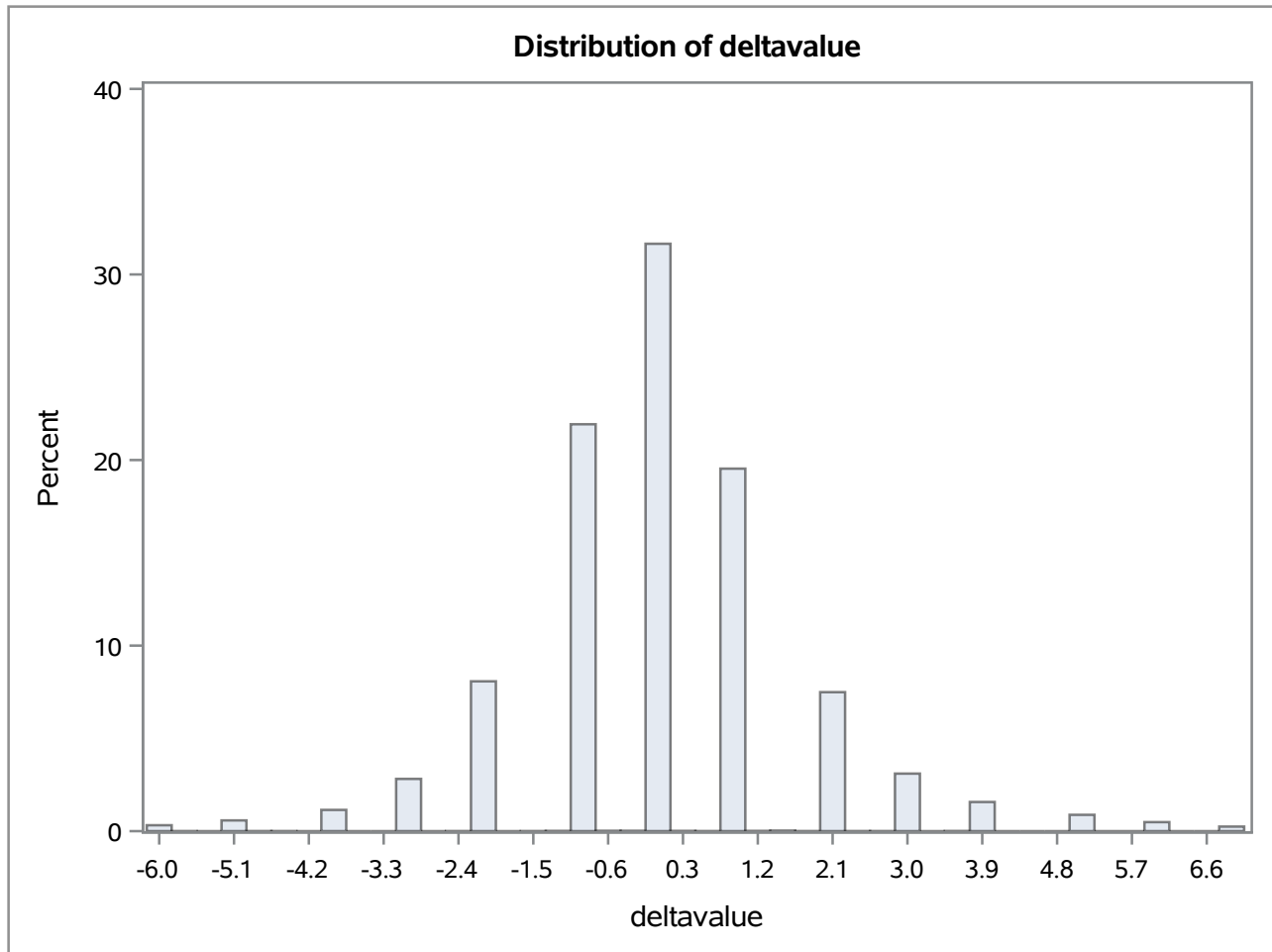
Variable: deltavalue

category=F. Kidney function longlabel=Standard bicarbonate

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-6	701201	7	699612
-6	701148	7	700094
-6	701073	7	700236
-6	700983	7	700439
-6	700430	7	700584

The UNIVARIATE Procedure

category=F. Kidney function longlabel=Standard bicarbonate



The UNIVARIATE Procedure
Variable: deltavalue

category=F. Kidney function longlabel=eGFR

Moments			
N	6455	Sum Weights	6455
Mean	1.3933385	Sum Observations	8994
Std Deviation	6.88972317	Variance	47.4682853
Skewness	-0.1385745	Kurtosis	1.84224005
Uncorrected SS	318892	Corrected SS	306360.314
Coeff Variation	494.475907	Std Error Mean	0.08575385

Basic Statistical Measures			
Location		Variability	
Mean	1.393338	Std Deviation	6.88972
Median	1.000000	Variance	47.46829
Mode	0.000000	Range	50.00000
		Interquartile Range	7.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	16.24812	Pr > t	<.0001
Sign	M	700.5	Pr >= M	<.0001
Signed Rank	S	2393824	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	25
99%	20
95%	13
90%	9
75% Q3	5
50% Median	1
25% Q1	-2
10%	-6
5%	-10
1%	-20
0% Min	-25

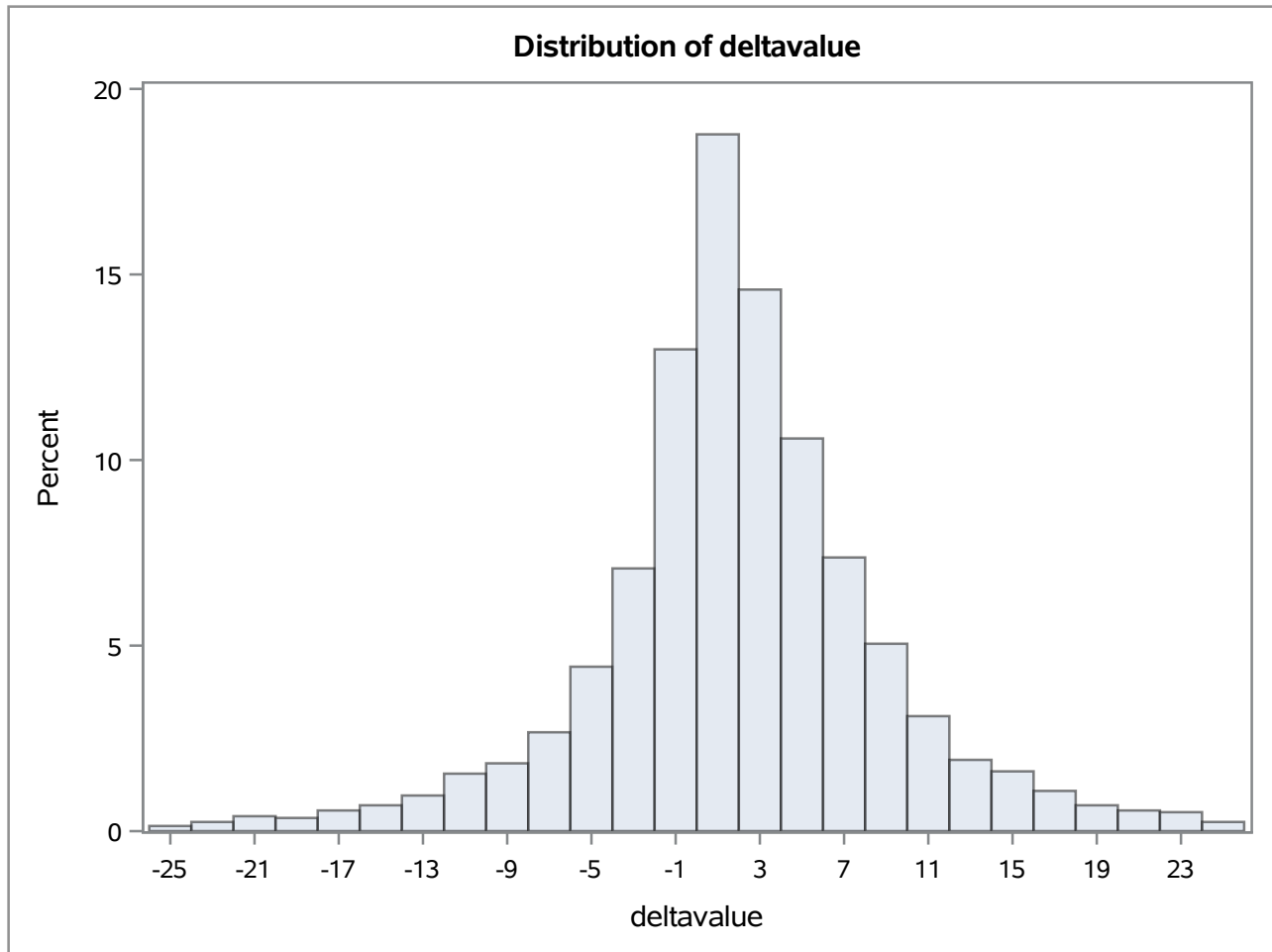
The UNIVARIATE Procedure
Variable: deltavalue

category=F. Kidney function longlabel=eGFR

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-25	706930	25	702402
-25	706746	25	702963
-25	706388	25	703184
-25	705971	25	704672
-25	705609	25	706248

The UNIVARIATE Procedure

category=F. Kidney function longlabel=eGFR



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Base Excess

Moments			
N	10235	Sum Weights	10235
Mean	-0.1411539	Sum Observations	-1444.71
Std Deviation	1.34360091	Variance	1.8052634
Skewness	-0.1242502	Kurtosis	1.20378873
Uncorrected SS	18678.9921	Corrected SS	18475.0657
Coeff Variation	-951.8696	Std Error Mean	0.01328087

Basic Statistical Measures			
Location		Variability	
Mean	-0.14115	Std Deviation	1.34360
Median	0.00000	Variance	1.80526
Mode	0.00000	Range	9.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-10.6284	Pr > t	<.0001
Sign	M	-419	Pr >= M	<.0001
Signed Rank	S	-1896614	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	4
99%	3
95%	2
90%	1
75% Q3	1
50% Median	0
25% Q1	-1
10%	-2
5%	-2
1%	-4
0% Min	-5

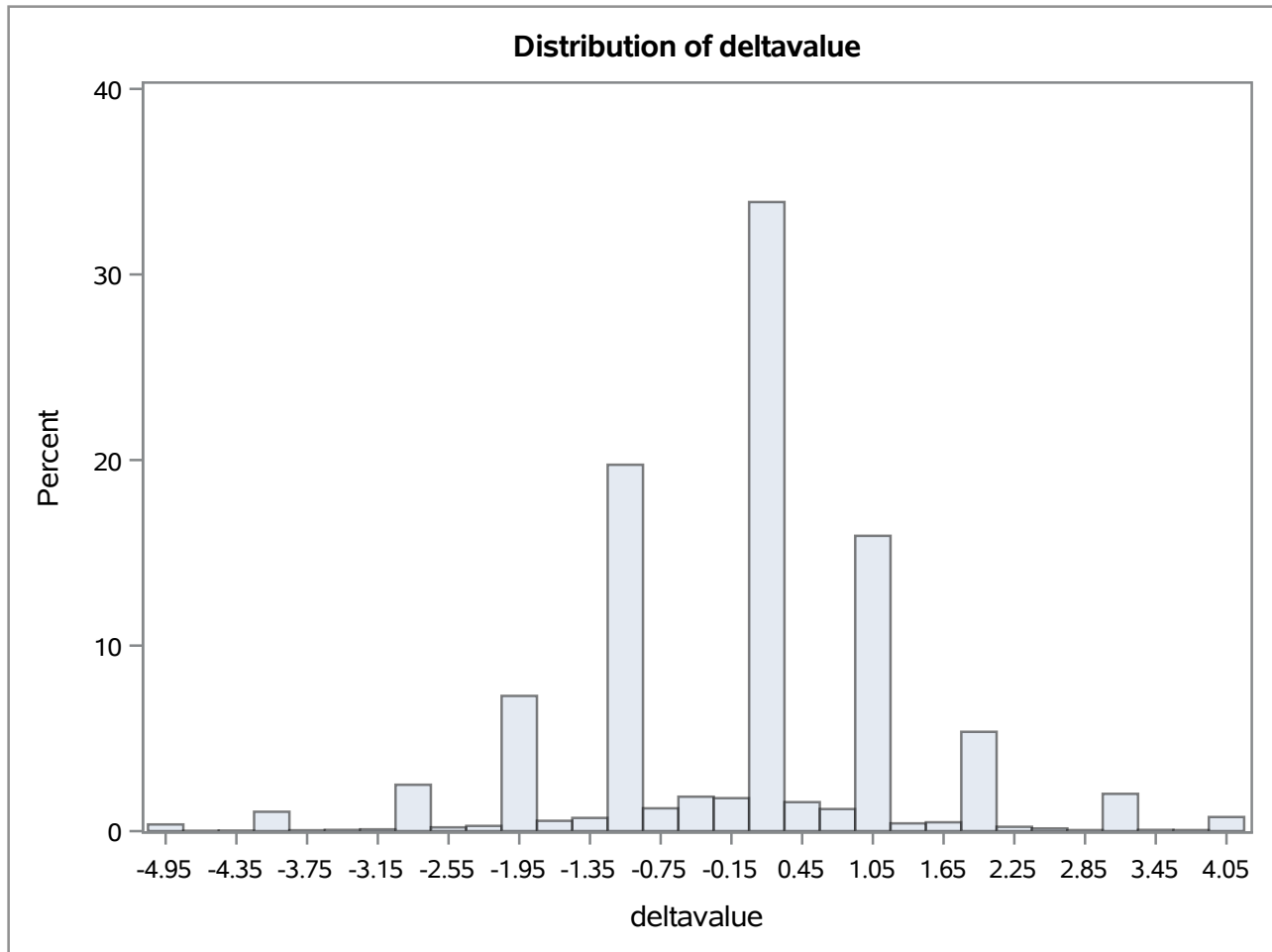
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Base Excess

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-5	717929	4	717463
-5	717911	4	717546
-5	716819	4	717847
-5	716521	4	717864
-5	716346	4	717988

The UNIVARIATE Procedure

category=G. Blood gases longlabel=Base Excess



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=CO-Hb

Moments			
N	14200	Sum Weights	14200
Mean	-0.0031056	Sum Observations	-44.1
Std Deviation	0.33980198	Variance	0.11546539
Skewness	0.0507382	Kurtosis	1.59677646
Uncorrected SS	1639.63	Corrected SS	1639.49304
Coeff Variation	-10941.47	Std Error Mean	0.00285155

Basic Statistical Measures			
Location		Variability	
Mean	-0.00311	Std Deviation	0.33980
Median	0.00000	Variance	0.11547
Mode	0.00000	Range	2.50000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-1.0891	Pr > t 	0.2761
Sign	M	-189	Pr >= M 	0.0006
Signed Rank	S	-746361	Pr >= S 	0.0477

Quantiles (Definition 5)	
Level	Quantile
100% Max	1.2
99%	1.0
95%	0.6
90%	0.4
75% Q3	0.2
50% Median	0.0
25% Q1	-0.2
10%	-0.4
5%	-0.5
1%	-1.0
0% Min	-1.3

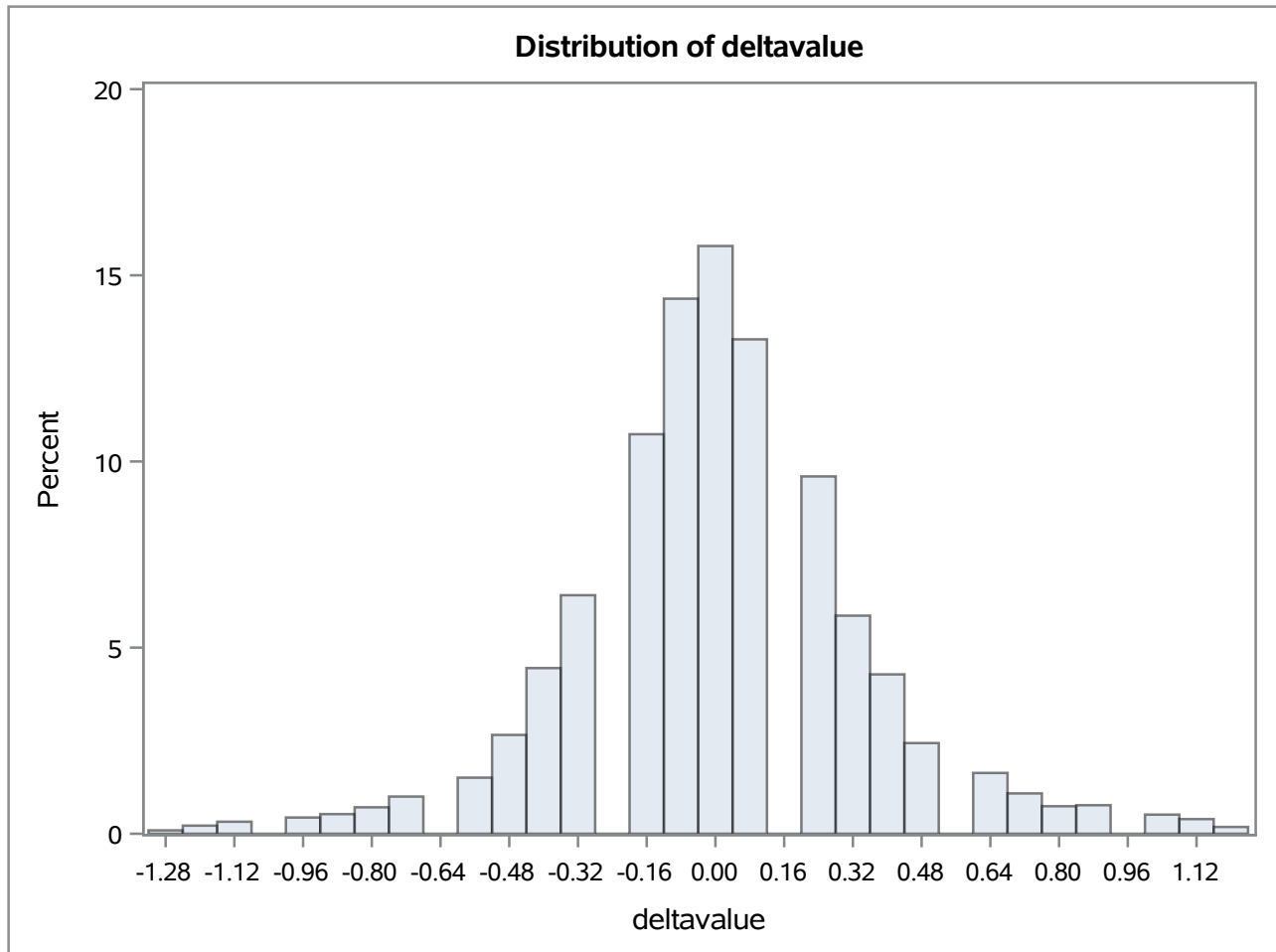
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=CO-Hb

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-1.3	732000	1.2	730433
-1.3	730749	1.2	730831
-1.3	729896	1.2	731244
-1.3	729494	1.2	732143
-1.3	728276	1.2	732292

The UNIVARIATE Procedure

category=G. Blood gases longlabel=CO-Hb



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Carbon Dioxide

Moments			
N	1087	Sum Weights	1087
Mean	0.00643974	Sum Observations	7
Std Deviation	3.38259478	Variance	11.4419474
Skewness	-0.6839289	Kurtosis	5.87425146
Uncorrected SS	12426	Corrected SS	12425.9549
Coeff Variation	52526.8646	Std Error Mean	0.10259713

Basic Statistical Measures			
Location		Variability	
Mean	0.006440	Std Deviation	3.38259
Median	0.000000	Variance	11.44195
Mode	0.000000	Range	35.00000
		Interquartile Range	2.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0.062767	Pr > t	0.9500
Sign	M	11.5	Pr >= M	0.4709
Signed Rank	S	5954.5	Pr >= S	0.4666

Quantiles (Definition 5)	
Level	Quantile
100% Max	15.0
99%	9.1
95%	5.0
90%	3.0
75% Q3	1.3
50% Median	0.0
25% Q1	-1.0
10%	-3.0
5%	-5.0
1%	-12.0
0% Min	-20.0

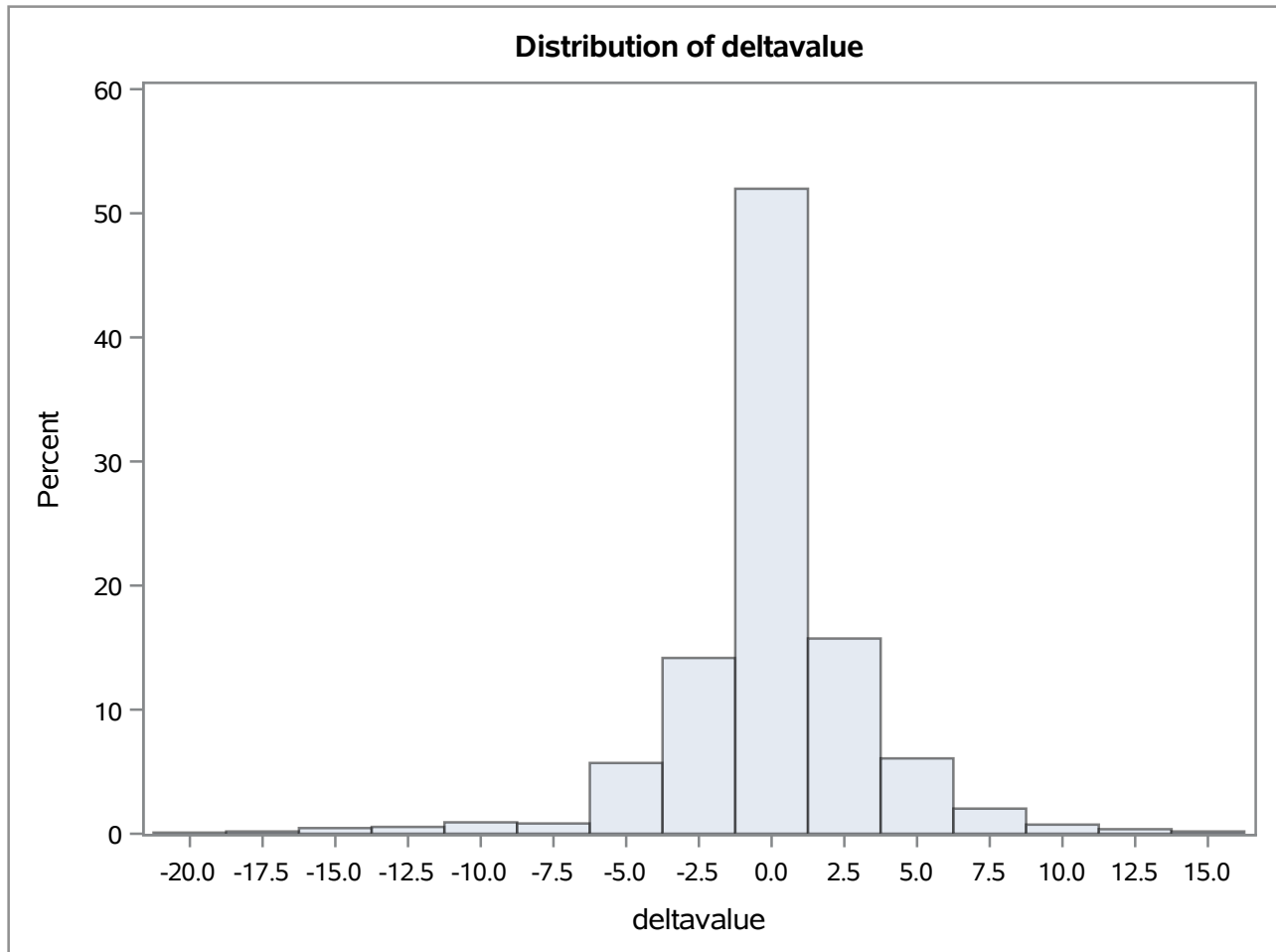
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Carbon Dioxide

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-20.0	733242	12	733596
-18.0	733261	13	732712
-17.0	733083	13	733156
-16.2	732901	14	732825
-15.1	733647	15	733395

The UNIVARIATE Procedure

category=G. Blood gases longlabel=Carbon Dioxide



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Lactate

Moments			
N	18924	Sum Weights	18924
Mean	-0.0527003	Sum Observations	-997.3
Std Deviation	0.71224232	Variance	0.50728912
Skewness	-0.932707	Kurtosis	6.26659284
Uncorrected SS	9651.99	Corrected SS	9599.43202
Coeff Variation	-1351.4964	Std Error Mean	0.00517751

Basic Statistical Measures			
Location		Variability	
Mean	-0.05270	Std Deviation	0.71224
Median	0.00000	Variance	0.50729
Mode	0.00000	Range	7.40000
		Interquartile Range	0.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-10.1787	Pr > t 	<.0001
Sign	M	-114	Pr >= M 	0.0767
Signed Rank	S	-3707990	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	3.1
99%	2.0
95%	1.0
90%	0.6
75% Q3	0.2
50% Median	0.0
25% Q1	-0.3
10%	-0.7
5%	-1.2
1%	-2.7
0% Min	-4.3

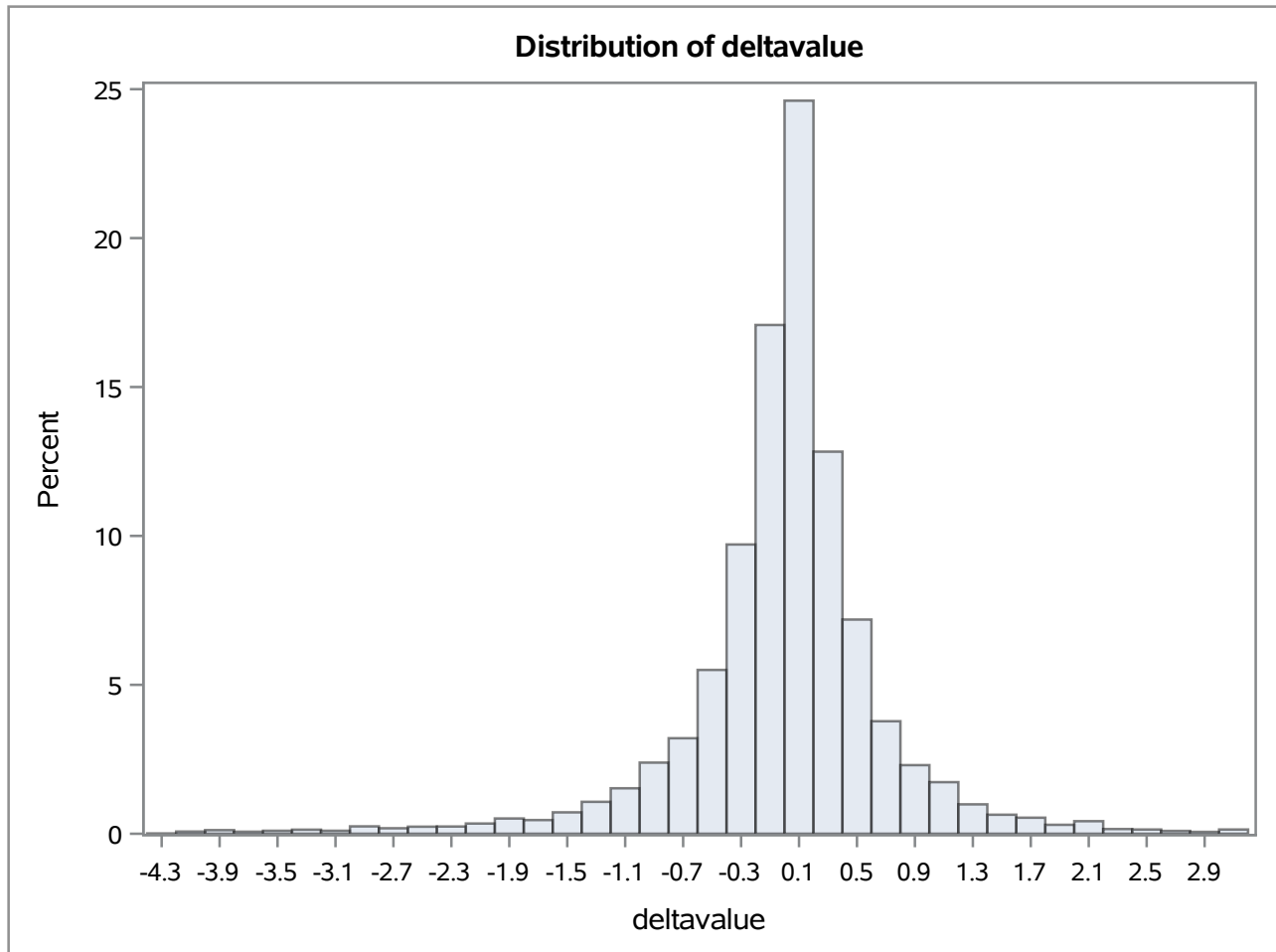
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Lactate

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-4.3	749581	3.0	752426
-4.3	743285	3.0	752253
-4.2	737702	3.1	739640
-4.2	749330	3.1	744512
-4.2	743284	3.1	748200

The UNIVARIATE Procedure

category=G. Blood gases longlabel=Lactate



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Methemoglobin

Moments			
N	15622	Sum Weights	15622
Mean	0.00007041	Sum Observations	1.1
Std Deviation	0.31586823	Variance	0.09977274
Skewness	0.07623167	Kurtosis	1.63934075
Uncorrected SS	1558.55	Corrected SS	1558.54992
Coeff Variation	448590.313	Std Error Mean	0.00252719

Basic Statistical Measures			
Location		Variability	
Mean	0.000070	Std Deviation	0.31587
Median	0	Variance	0.09977
Mode	0	Range	2.30000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0.027862	Pr > t	0.9778
Sign	M	-83	Pr >= M	0.1453
Signed Rank	S	-443762	Pr >= S	0.2898

Quantiles (Definition 5)	
Level	Quantile
100% Max	1.2
99%	0.9
95%	0.5
90%	0.4
75% Q3	0.2
50% Median	0.0
25% Q1	-0.2
10%	-0.4
5%	-0.5
1%	-0.9
0% Min	-1.1

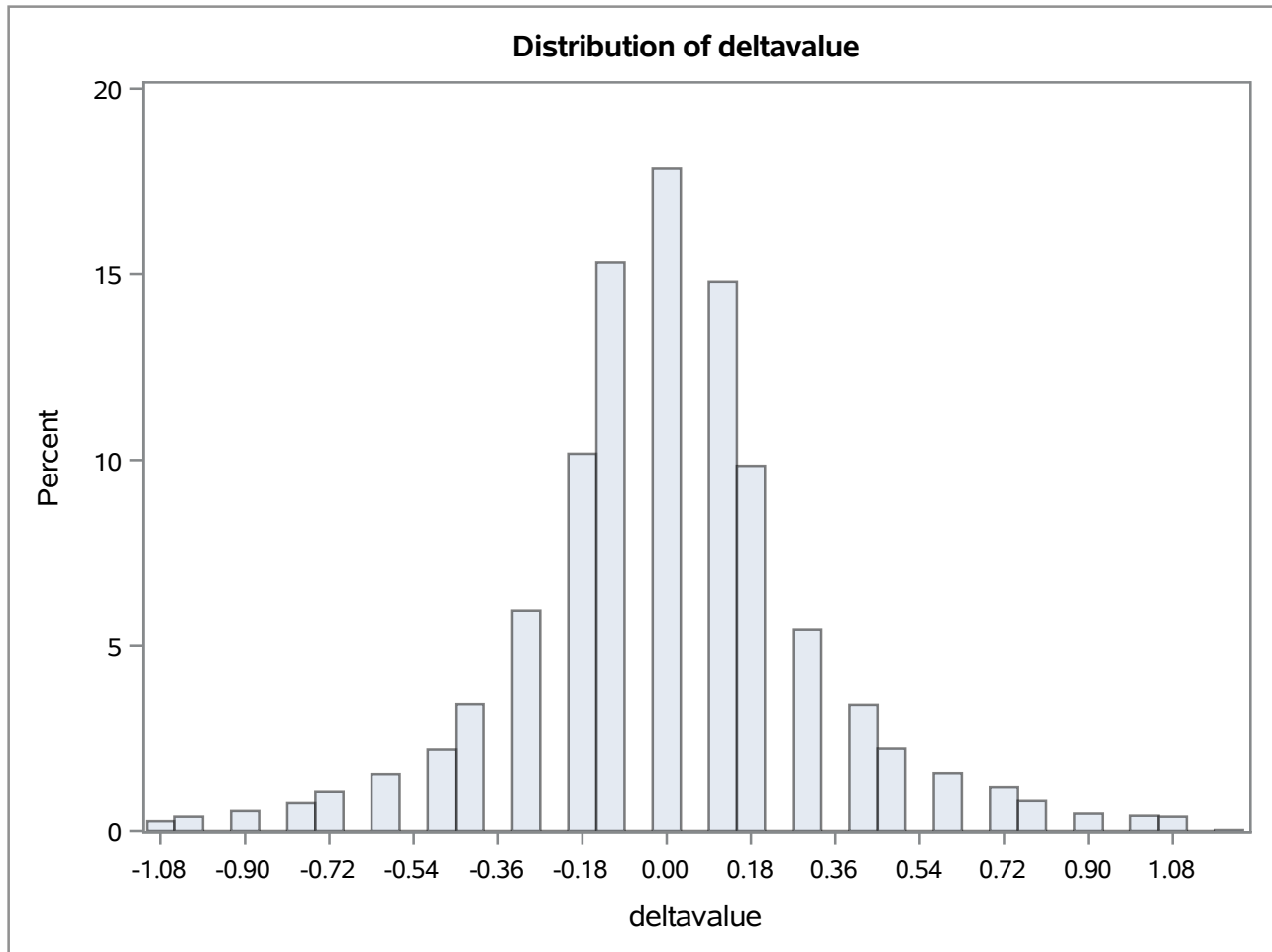
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=Methemoglobin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-1.1	768679	1.1	768709
-1.1	768669	1.2	755384
-1.1	768047	1.2	759989
-1.1	767809	1.2	762281
-1.1	767160	1.2	763109

The UNIVARIATE Procedure

category=G. Blood gases longlabel=Methemoglobin



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=PaCO2

Moments			
N	16496	Sum Weights	16496
Mean	0.05128092	Sum Observations	845.93
Std Deviation	0.65799847	Variance	0.43296199
Skewness	0.3574492	Kurtosis	2.12697697
Uncorrected SS	7185.0881	Corrected SS	7141.70803
Coeff Variation	1283.12541	Std Error Mean	0.00512313

Basic Statistical Measures			
Location		Variability	
Mean	0.051281	Std Deviation	0.65800
Median	0.000000	Variance	0.43296
Mode	0.000000	Range	5.10000
		Interquartile Range	0.70000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	10.00968	Pr > t	<.0001
Sign	M	375	Pr >= M	<.0001
Signed Rank	S	4027099	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	2.8
99%	2.1
95%	1.2
90%	0.8
75% Q3	0.4
50% Median	0.0
25% Q1	-0.3
10%	-0.7
5%	-1.0
1%	-1.7
0% Min	-2.3

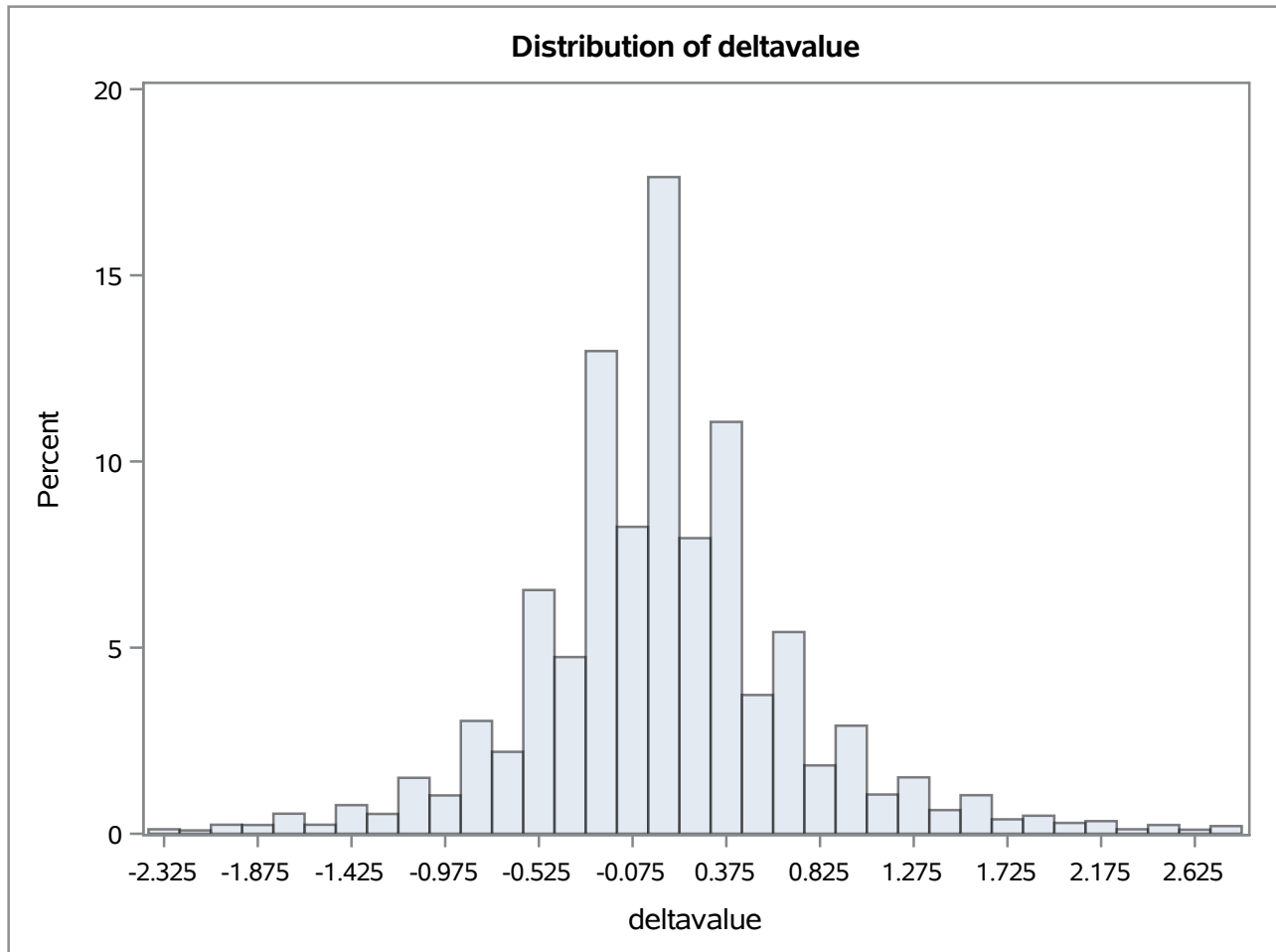
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=PaCO2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-2.3	784206	2.8	776830
-2.3	783400	2.8	778661
-2.3	782436	2.8	778925
-2.3	780151	2.8	780006
-2.3	779533	2.8	784394

The UNIVARIATE Procedure

category=G. Blood gases longlabel=PaCO2



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=PaO2

Moments			
N	16602	Sum Weights	16602
Mean	-0.8025666	Sum Observations	-13324.21
Std Deviation	5.72166802	Variance	32.7374849
Skewness	-0.8905745	Kurtosis	6.51972039
Uncorrected SS	554168.553	Corrected SS	543474.987
Coeff Variation	-712.92131	Std Error Mean	0.04440608

Basic Statistical Measures			
Location		Variability	
Mean	-0.80257	Std Deviation	5.72167
Median	-0.10000	Variance	32.73748
Mode	0.00000	Range	57.00000
		Interquartile Range	3.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-18.0733	Pr > t	<.0001
Sign	M	-893.5	Pr >= M	<.0001
Signed Rank	S	-9282989	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	25.0
99%	16.0
95%	6.8
90%	4.0
75% Q3	1.0
50% Median	-0.1
25% Q1	-2.0
10%	-6.0
5%	-11.0
1%	-22.0
0% Min	-32.0

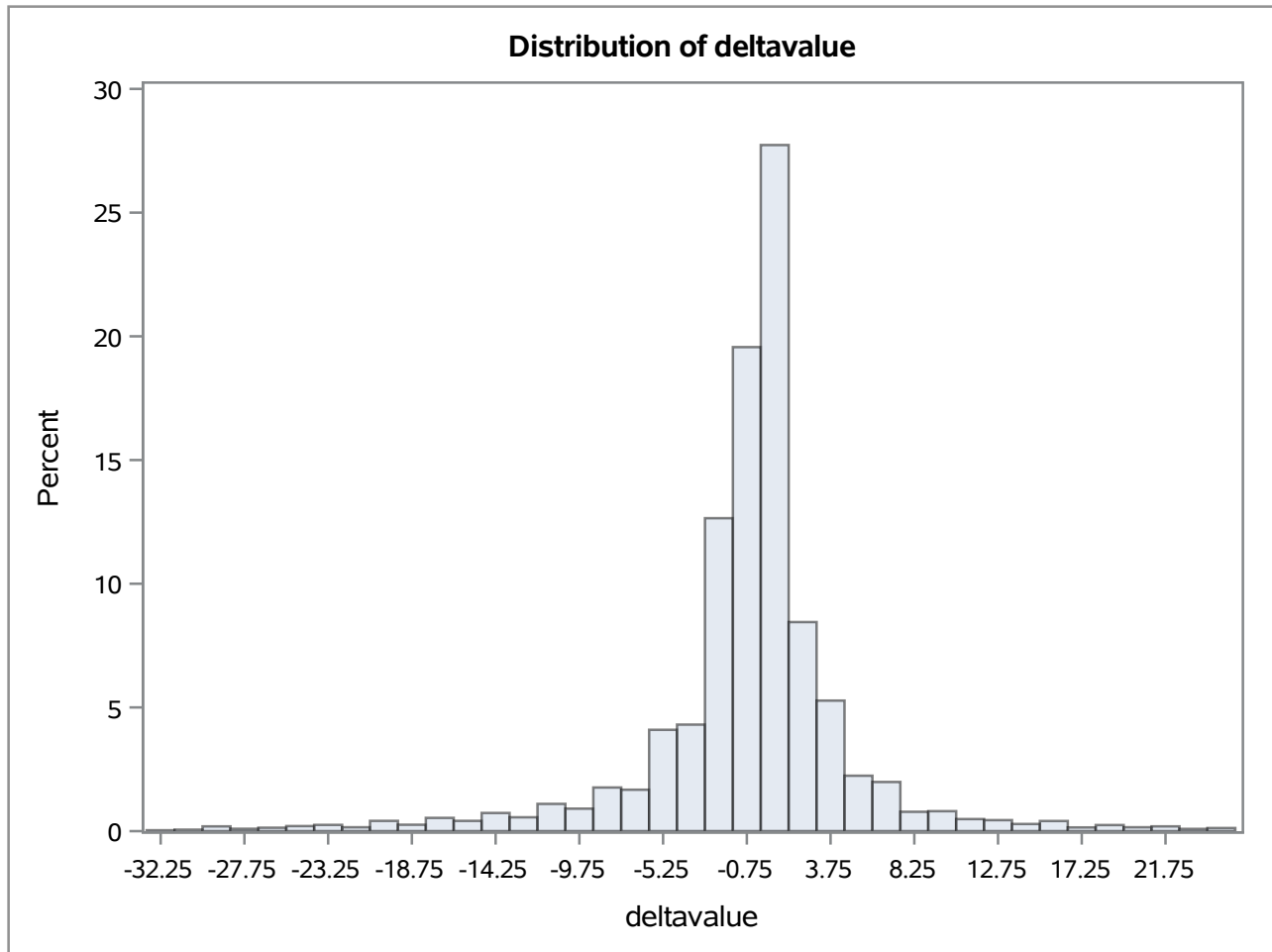
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=PaO2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-32	801391	25	796973
-32	800966	25	798823
-32	797624	25	799199
-32	795889	25	799464
-32	793382	25	801863

The UNIVARIATE Procedure

category=G. Blood gases longlabel=PaO2



The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=pH

Moments			
N	20456	Sum Weights	20456
Mean	-0.0004726	Sum Observations	-9.667
Std Deviation	0.06469502	Variance	0.00418545
Skewness	-0.0116539	Kurtosis	1.2072541
Uncorrected SS	85.617871	Corrected SS	85.6133026
Coeff Variation	-13689.888	Std Error Mean	0.00045234

Basic Statistical Measures			
Location		Variability	
Mean	-0.00047	Std Deviation	0.06470
Median	0.00000	Variance	0.00419
Mode	0.00000	Range	0.40000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-1.04475	Pr > t	0.2962
Sign	M	-40.5	Pr >= M	0.3370
Signed Rank	S	-35758	Pr >= S	0.8258

Quantiles (Definition 5)	
Level	Quantile
100% Max	0.2
99%	0.2
95%	0.1
90%	0.1
75% Q3	0.0
50% Median	0.0
25% Q1	0.0
10%	-0.1
5%	-0.1
1%	-0.2
0% Min	-0.2

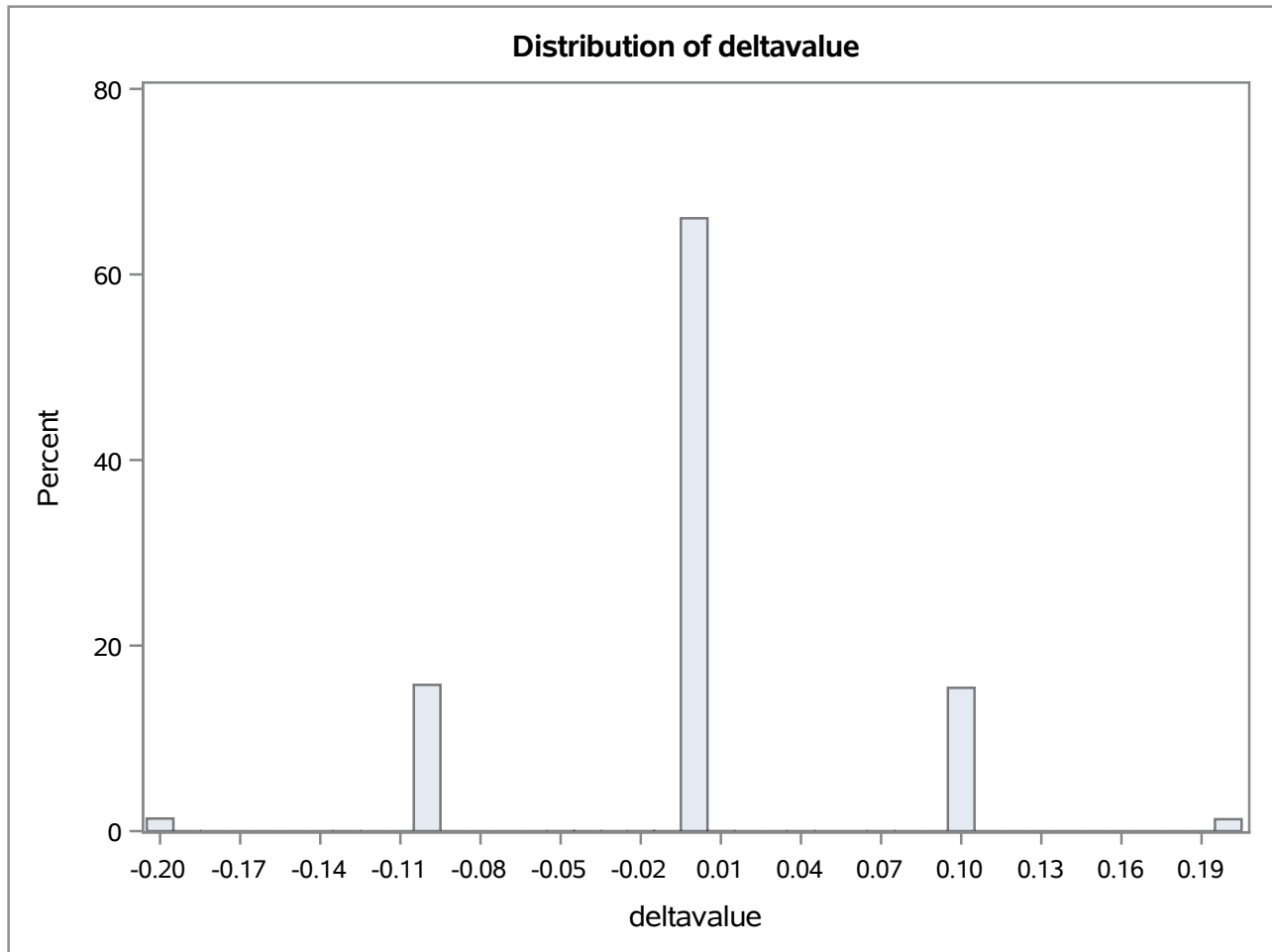
The UNIVARIATE Procedure
Variable: deltavalue

category=G. Blood gases longlabel=pH

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.2	822731	0.2	822762
-0.2	822717	0.2	822798
-0.2	822605	0.2	822847
-0.2	822545	0.2	822948
-0.2	822468	0.2	822966

The UNIVARIATE Procedure

category=G. Blood gases longlabel=pH



The UNIVARIATE Procedure
Variable: deltavalue

category=H. Inflammation longlabel=CRP

Moments			
N	47982	Sum Weights	47982
Mean	1.42682464	Sum Observations	68461.9
Std Deviation	43.4057957	Variance	1884.0631
Skewness	0.55500996	Kurtosis	2.02516256
Uncorrected SS	90496914.6	Corrected SS	90399231.5
Coeff Variation	3042.12546	Std Error Mean	0.1981566

Basic Statistical Measures			
Location		Variability	
Mean	1.42682	Std Deviation	43.40580
Median	-1.00000	Variance	1884
Mode	0.00000	Range	304.00000
		Interquartile Range	36.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	7.20049	Pr > t	<.0001
Sign	M	-1291.5	Pr >= M	<.0001
Signed Rank	S	-1.154E7	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	173
99%	139
95%	84
90%	54
75% Q3	17
50% Median	-1
25% Q1	-19
10%	-47
5%	-69
1%	-107
0% Min	-131

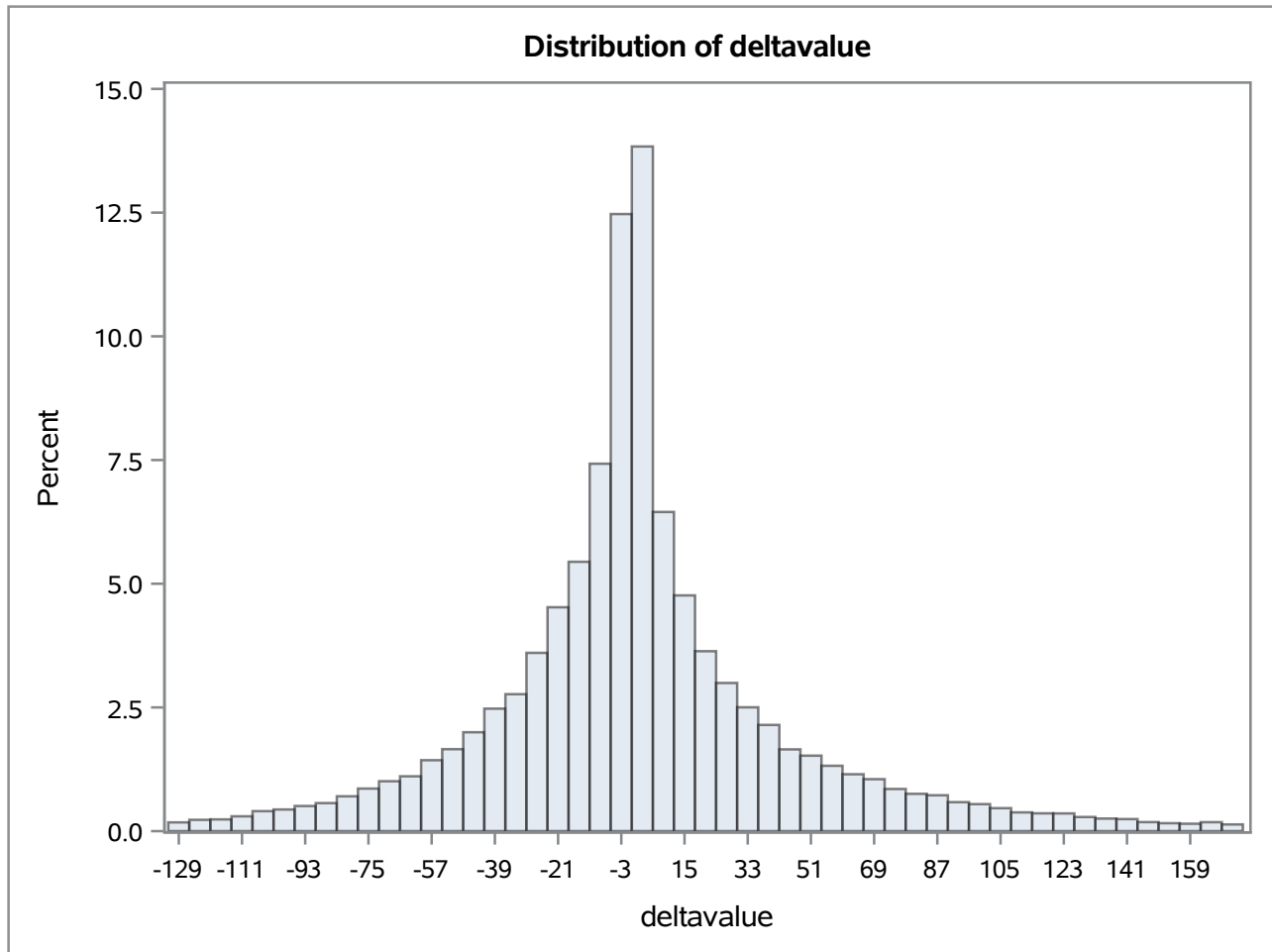
The UNIVARIATE Procedure
Variable: deltavalue

category=H. Inflammation longlabel=CRP

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-131	868439	173	838603
-131	865882	173	840140
-131	861580	173	850465
-131	860580	173	855518
-131	860236	173	871795

The UNIVARIATE Procedure

category=H. Inflammation longlabel=CRP



The UNIVARIATE Procedure
Variable: deltavalue

category=H. Inflammation longlabel=Sedimentation rate

Moments			
N	89	Sum Weights	89
Mean	-6.1685393	Sum Observations	-549
Std Deviation	14.2782702	Variance	203.868999
Skewness	-0.0280251	Kurtosis	2.82567937
Uncorrected SS	21327	Corrected SS	17940.4719
Coeff Variation	-231.46922	Std Error Mean	1.51349361

Basic Statistical Measures			
Location		Variability	
Mean	-6.16854	Std Deviation	14.27827
Median	-6.00000	Variance	203.86900
Mode	-3.00000	Range	102.00000
		Interquartile Range	16.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-4.0757	Pr > t 	0.0001
Sign	M	-21	Pr >= M 	<.0001
Signed Rank	S	-1034	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	42
99%	42
95%	21
90%	10
75% Q3	1
50% Median	-6
25% Q1	-15
10%	-20
5%	-26
1%	-60
0% Min	-60

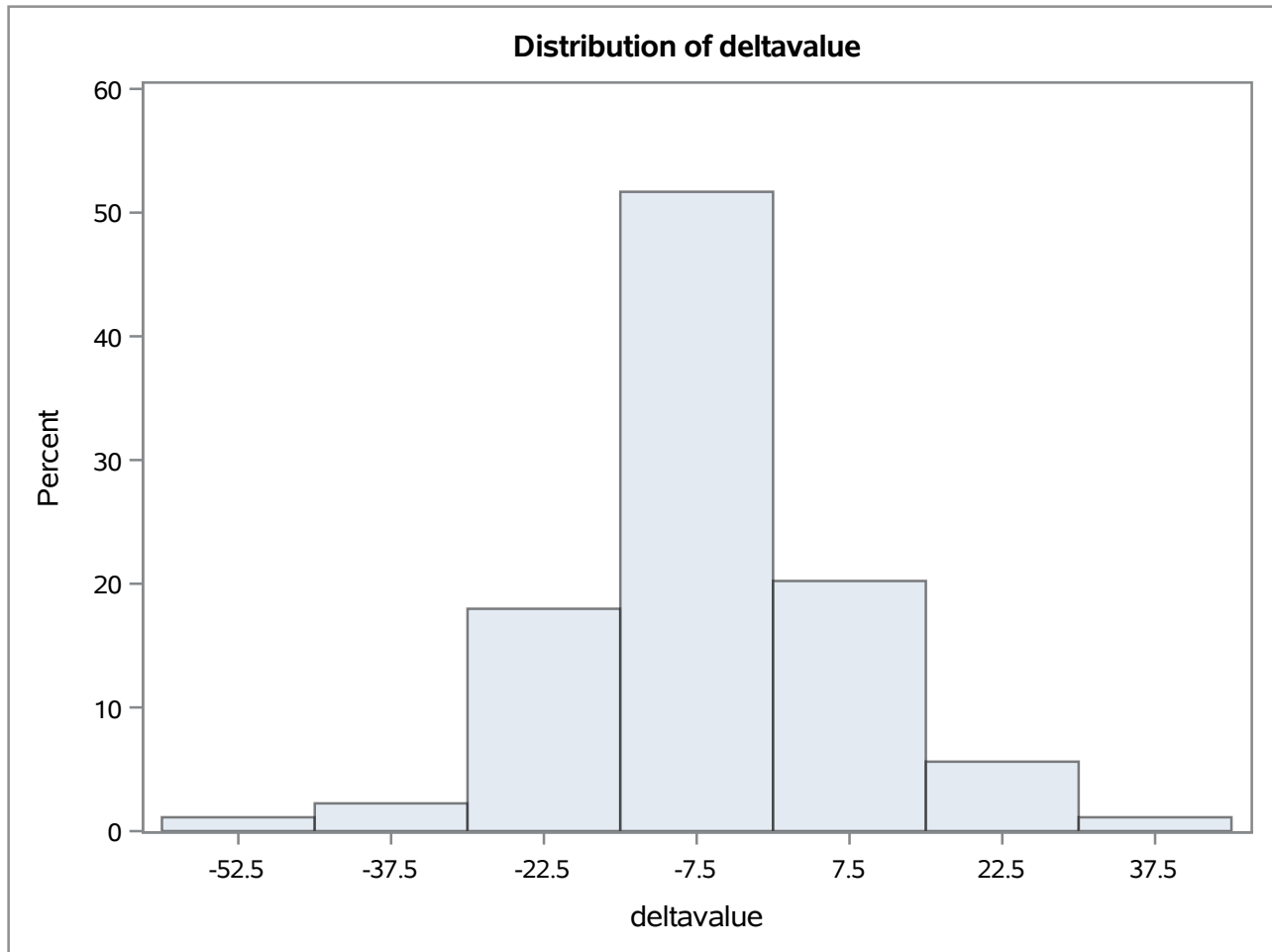
The UNIVARIATE Procedure
Variable: deltavalue

category=H. Inflammation longlabel=Sedimentation rate

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-60	871933	21	871921
-39	871915	22	871861
-31	871927	22	871932
-29	871885	27	871919
-26	871931	42	871887

The UNIVARIATE Procedure

category=H. Inflammation longlabel=Sedimentation rate



The UNIVARIATE Procedure
Variable: deltavalue

category=I. Iron status longlabel=Ferritin

Moments			
N	2577	Sum Weights	2577
Mean	5.39053163	Sum Observations	13891.4
Std Deviation	183.950576	Variance	33837.8143
Skewness	0.37959673	Kurtosis	7.29499125
Uncorrected SS	87241091.7	Corrected SS	87166209.7
Coeff Variation	3412.47559	Std Error Mean	3.6236308

Basic Statistical Measures			
Location		Variability	
Mean	5.390532	Std Deviation	183.95058
Median	1.000000	Variance	33838
Mode	1.000000	Range	1586
		Interquartile Range	78.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.487605	Pr > t	0.1370
Sign	M	24	Pr >= M	0.3520
Signed Rank	S	55231.5	Pr >= S	0.1375

Quantiles (Definition 5)	
Level	Quantile
100% Max	805
99%	719
95%	253
90%	129
75% Q3	41
50% Median	1
25% Q1	-37
10%	-127
5%	-238
1%	-663
0% Min	-781

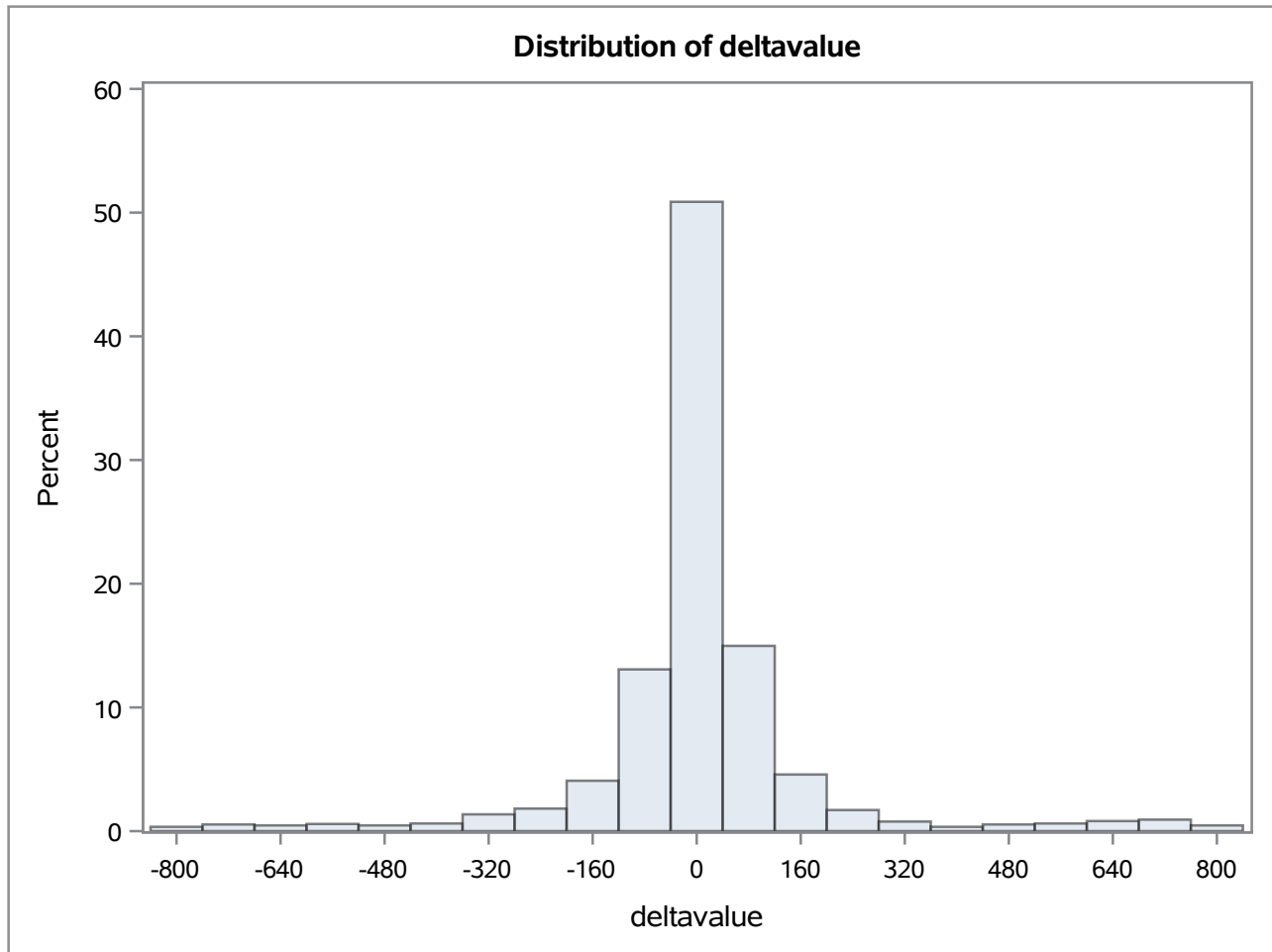
The UNIVARIATE Procedure
Variable: deltavalue

category=I. Iron status longlabel=Ferritin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-781	873438	798	873874
-781	872099	802	873042
-780	872044	804	873853
-779	873653	805	872839
-766	872470	805	874058

The UNIVARIATE Procedure

category=l. Iron status longlabel=Ferritin



The UNIVARIATE Procedure
Variable: deltavalue

category=I. Iron status longlabel=Iron

Moments			
N	1418	Sum Weights	1418
Mean	4.30535966	Sum Observations	6105
Std Deviation	179.517488	Variance	32226.5284
Skewness	0.31144051	Kurtosis	7.49607135
Uncorrected SS	45691275	Corrected SS	45664990.8
Coeff Variation	4169.62814	Std Error Mean	4.76725789

Basic Statistical Measures			
Location		Variability	
Mean	4.305360	Std Deviation	179.51749
Median	1.000000	Variance	32227
Mode	0.000000	Range	1563
		Interquartile Range	78.00000

Note: The mode displayed is the smallest of 2 modes with a count of 33.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0.90311	Pr > t 	0.3666
Sign	M	36.5	Pr >= M 	0.0530
Signed Rank	S	23680.5	Pr >= S 	0.1117

Quantiles (Definition 5)	
Level	Quantile
100% Max	798
99%	719
95%	237
90%	128
75% Q3	42
50% Median	1
25% Q1	-36
10%	-129
5%	-235
1%	-643
0% Min	-765

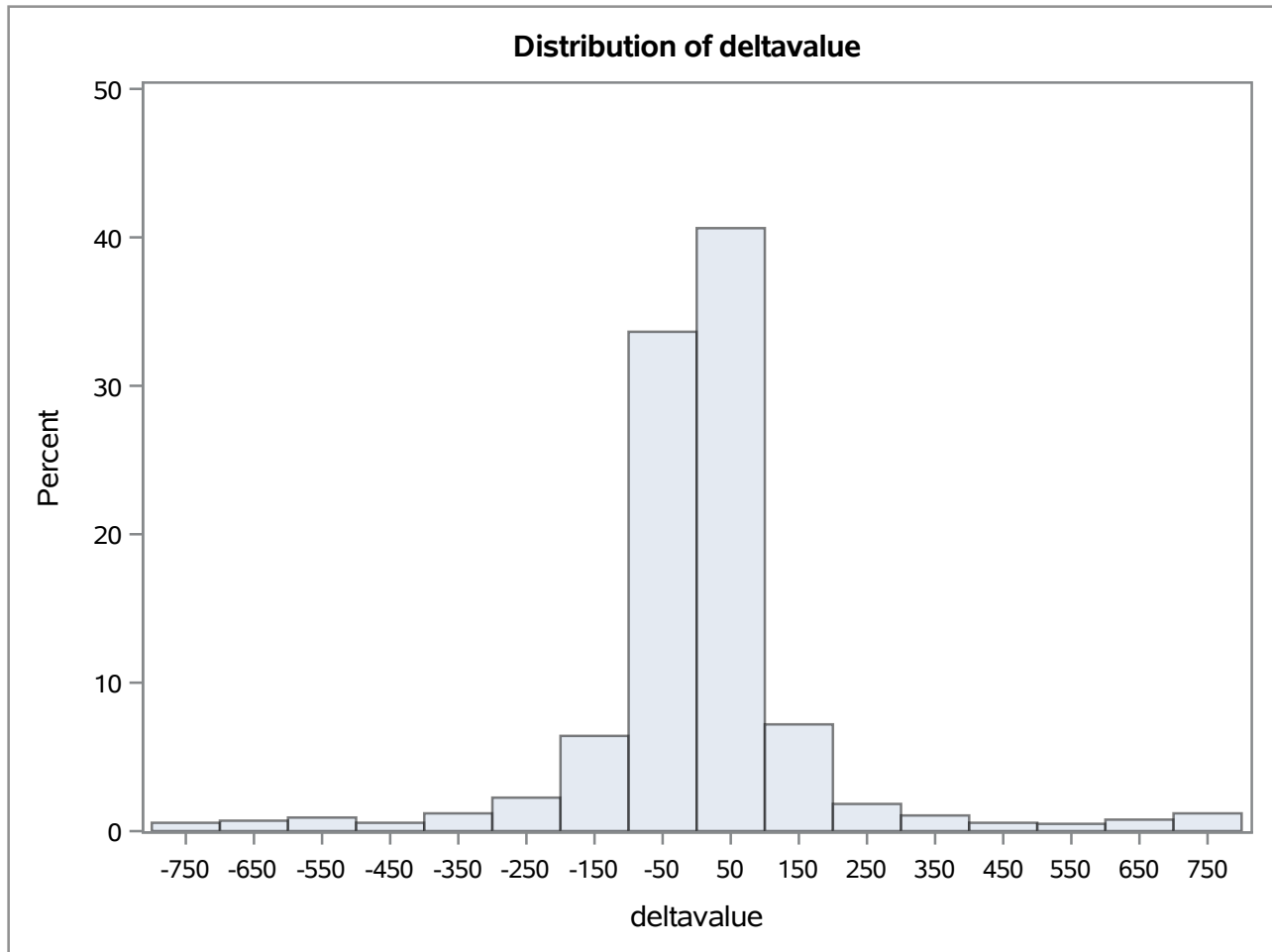
The UNIVARIATE Procedure
Variable: deltavalue

category=I. Iron status longlabel=Iron

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-765	875296	792	874979
-764	875355	794	875052
-761	875440	796	875621
-753	875128	797	875048
-752	875097	798	875602

The UNIVARIATE Procedure

category=I. Iron status longlabel=Iron



The UNIVARIATE Procedure
Variable: deltavalue

category=I. Iron status longlabel=Transferrin

Moments			
N	58	Sum Weights	58
Mean	-0.0637931	Sum Observations	-3.7
Std Deviation	0.19973515	Variance	0.03989413
Skewness	-0.5079541	Kurtosis	1.51595721
Uncorrected SS	2.51	Corrected SS	2.27396552
Coeff Variation	-313.09835	Std Error Mean	0.02622651

Basic Statistical Measures			
Location		Variability	
Mean	-0.06379	Std Deviation	0.19974
Median	0.00000	Variance	0.03989
Mode	0.00000	Range	1.10000
		Interquartile Range	0.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-2.43239	Pr > t 	0.0182
Sign	M	-6.5	Pr >= M 	0.0660
Signed Rank	S	-205.5	Pr >= S 	0.0112

Quantiles (Definition 5)	
Level	Quantile
100% Max	0.5
99%	0.5
95%	0.2
90%	0.2
75% Q3	0.1
50% Median	0.0
25% Q1	-0.2
10%	-0.3
5%	-0.5
1%	-0.6
0% Min	-0.6

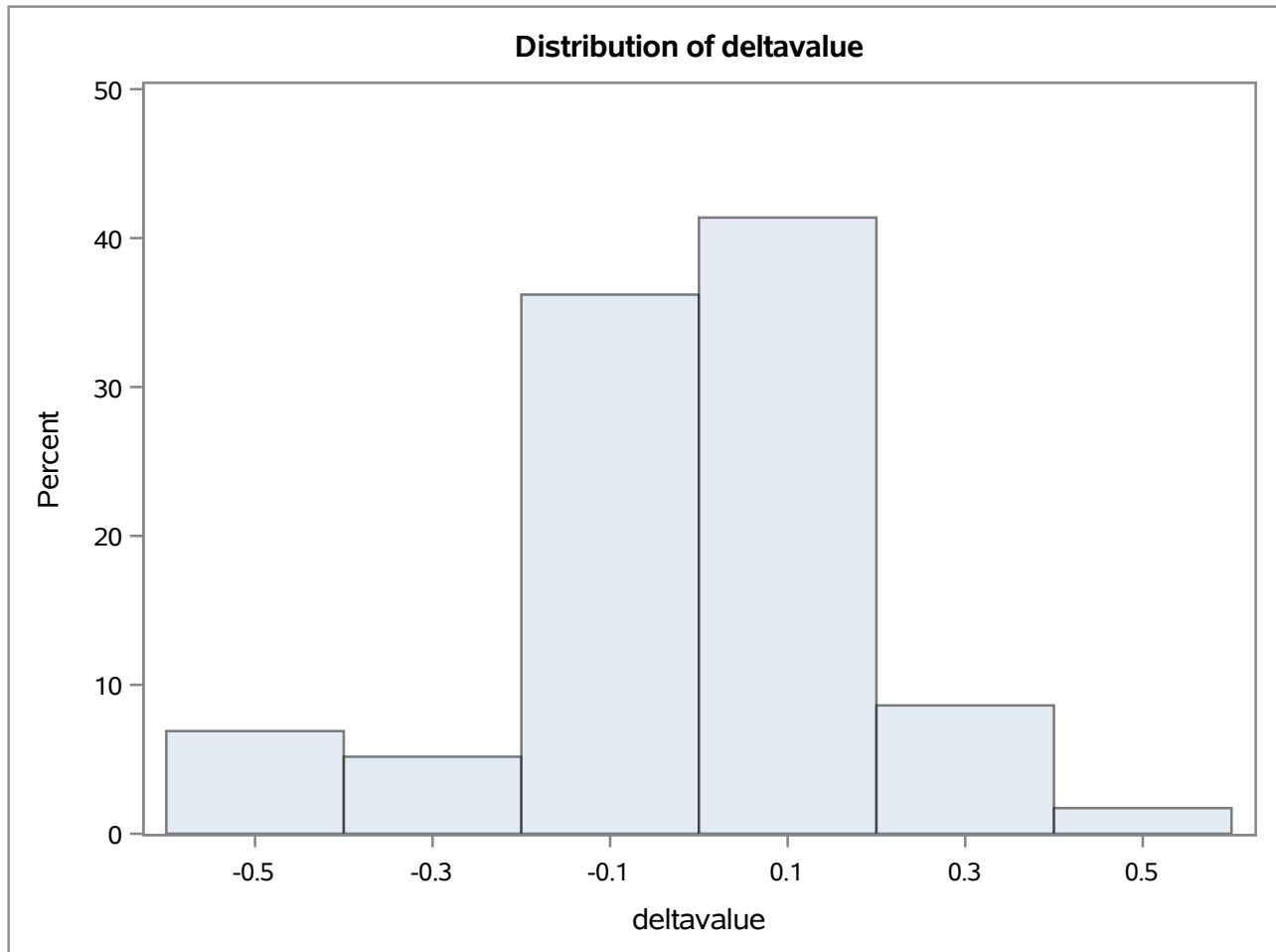
The UNIVARIATE Procedure
Variable: deltavalue

category=I. Iron status longlabel=Transferrin

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.6	876041	0.2	876072
-0.6	876063	0.2	876053
-0.5	876067	0.2	876060
-0.5	876026	0.2	876077
-0.3	876027	0.5	876055

The UNIVARIATE Procedure

category=I. Iron status longlabel=Transferrin



The UNIVARIATE Procedure
Variable: deltavalue

category=J. Cardiac markers longlabel=NT-ProBNP

Moments			
N	826	Sum Weights	826
Mean	-1.9745763	Sum Observations	-1631
Std Deviation	309.297528	Variance	95664.9606
Skewness	-0.0127235	Kurtosis	1.34068325
Uncorrected SS	78926813	Corrected SS	78923592.5
Coeff Variation	-15663.995	Std Error Mean	10.7618374

Basic Statistical Measures			
Location		Variability	
Mean	-1.97458	Std Deviation	309.29753
Median	0.00000	Variance	95665
Mode	0.00000	Range	1643
		Interquartile Range	170.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.18348	Pr > t 	0.8545
Sign	M	-20	Pr >= M 	0.1571
Signed Rank	S	-5446	Pr >= S 	0.3687

Quantiles (Definition 5)	
Level	Quantile
100% Max	822
99%	767
95%	653
90%	390
75% Q3	76
50% Median	0
25% Q1	-94
10%	-385
5%	-661
1%	-791
0% Min	-821

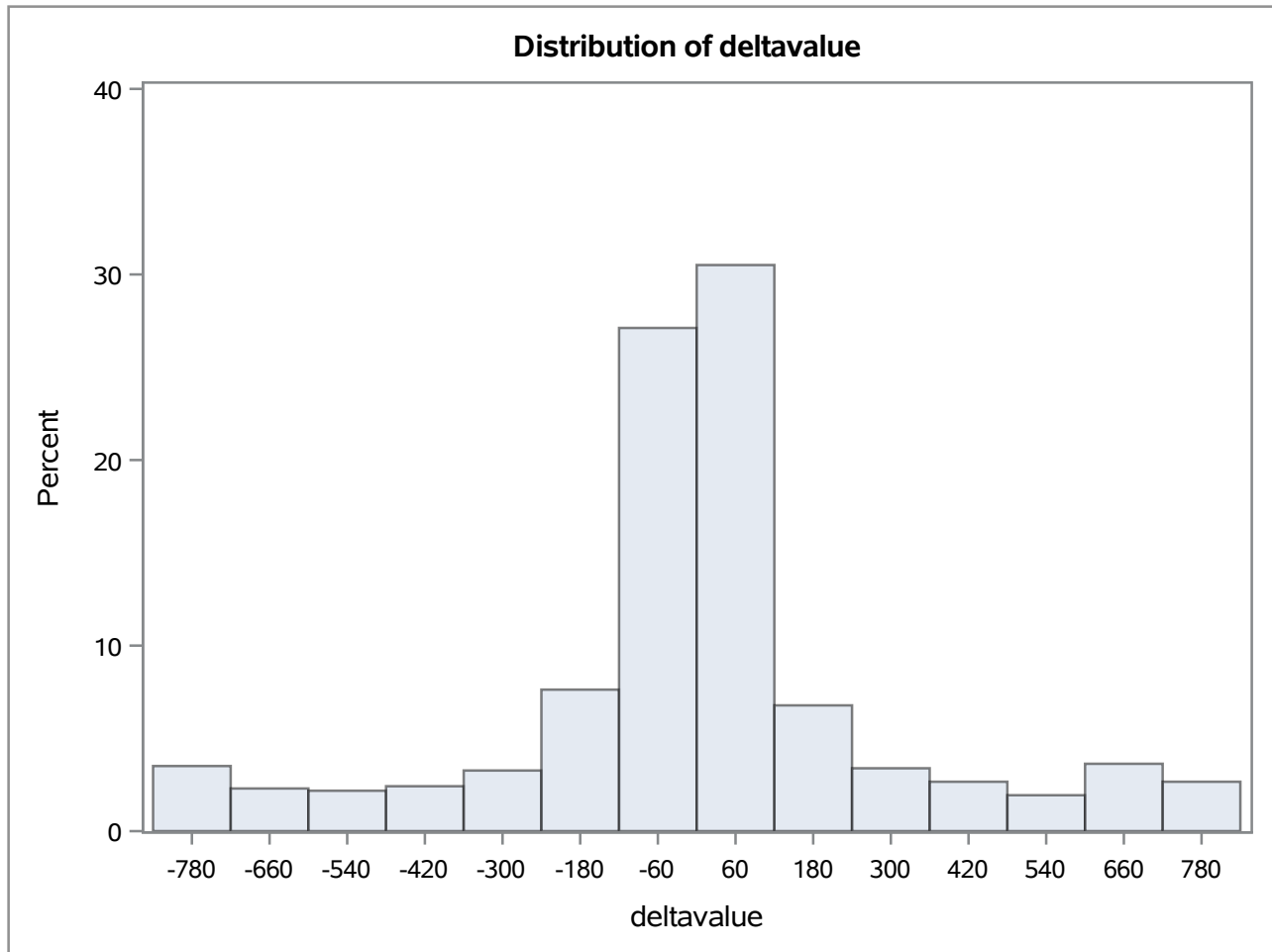
The UNIVARIATE Procedure
Variable: deltavalue

category=J. Cardiac markers longlabel=NT-ProBNP

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-821	876296	785	876355
-815	876166	798	876423
-814	876202	801	876502
-808	876319	803	876239
-802	876764	822	876335

The UNIVARIATE Procedure

category=J. Cardiac markers longlabel=NT-ProBNP



The UNIVARIATE Procedure
Variable: deltavalue

category=J. Cardiac markers longlabel=Troponin I

Moments			
N	593	Sum Weights	593
Mean	0.88178752	Sum Observations	522.9
Std Deviation	4.92496798	Variance	24.2553096
Skewness	7.54422126	Kurtosis	75.2888781
Uncorrected SS	14820.23	Corrected SS	14359.1433
Coeff Variation	558.520944	Std Error Mean	0.20224419

Basic Statistical Measures			
Location		Variability	
Mean	0.881788	Std Deviation	4.92497
Median	0.000000	Variance	24.25531
Mode	0.000000	Range	73.50000
		Interquartile Range	0.10000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.360014	Pr > t 	<.0001
Sign	M	33.5	Pr >= M 	0.0002
Signed Rank	S	6587.5	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	66.0
99%	25.0
95%	5.1
90%	1.6
75% Q3	0.1
50% Median	0.0
25% Q1	0.0
10%	-0.4
5%	-1.4
1%	-4.8
0% Min	-7.5

The UNIVARIATE Procedure

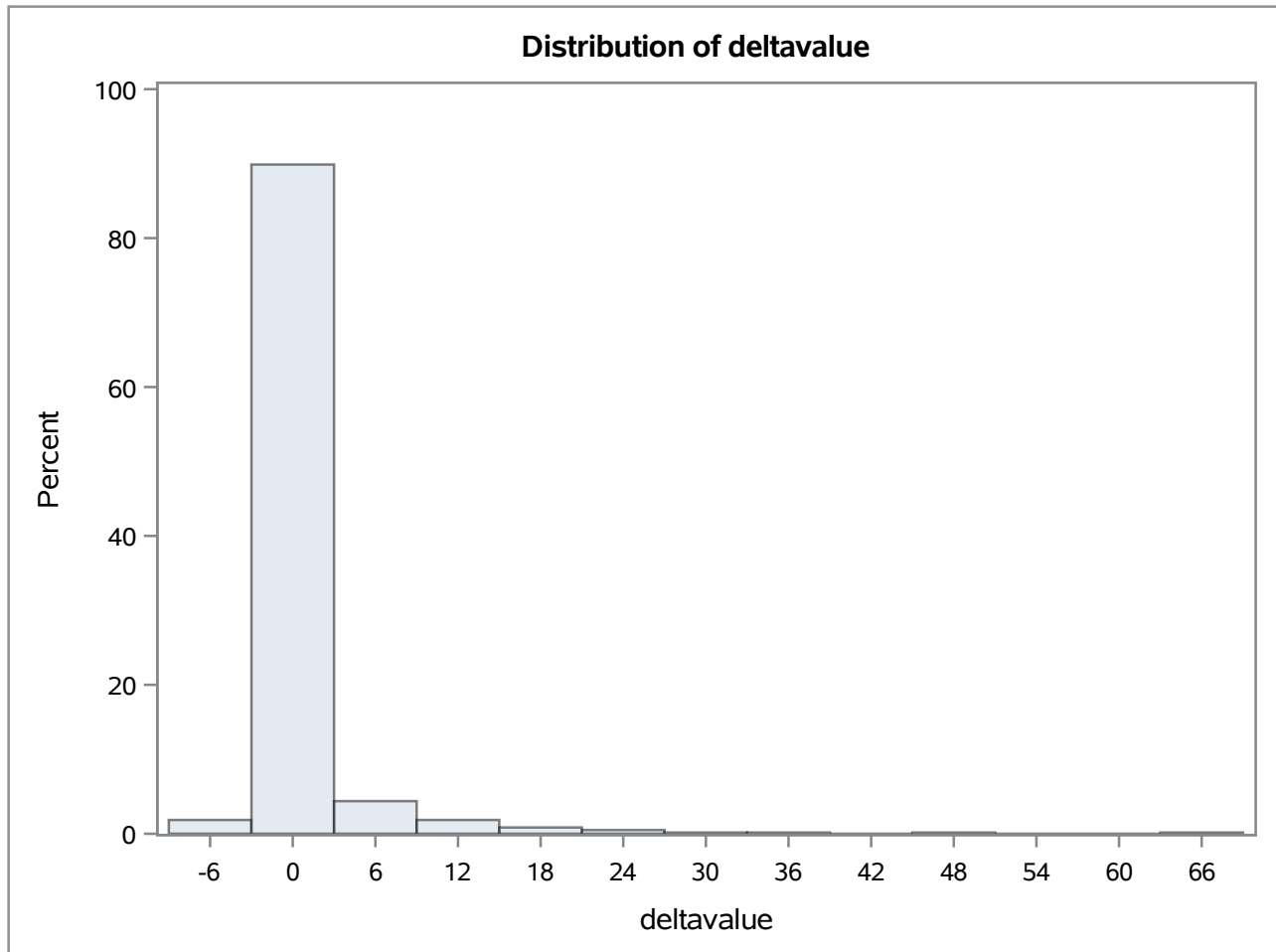
Variable: deltavalue

category=J. Cardiac markers longlabel=Troponin I

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-7.5	876993	26.6	876959
-7.0	877131	32.4	877000
-6.5	877343	35.4	877176
-6.0	877288	48.0	877391
-5.0	877090	66.0	877287

The UNIVARIATE Procedure

category=J. Cardiac markers longlabel=Troponin I



The UNIVARIATE Procedure
Variable: deltavalue

category=J. Cardiac markers longlabel=Troponin T

Moments			
N	4401	Sum Weights	4401
Mean	5.84646671	Sum Observations	25730.3
Std Deviation	96.3955455	Variance	9292.10118
Skewness	1.10982304	Kurtosis	12.4306026
Uncorrected SS	41035676.5	Corrected SS	40885245.2
Coeff Variation	1648.78294	Std Error Mean	1.45305242

Basic Statistical Measures			
Location		Variability	
Mean	5.846467	Std Deviation	96.39555
Median	0.000000	Variance	9292
Mode	0.000000	Range	1138
		Interquartile Range	13.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.023576	Pr > t 	<.0001
Sign	M	-27	Pr >= M 	0.3866
Signed Rank	S	55019.5	Pr >= S 	0.4063

Quantiles (Definition 5)	
Level	Quantile
100% Max	629
99%	415
95%	145
90%	62
75% Q3	7
50% Median	0
25% Q1	-6
10%	-47
5%	-107
1%	-303
0% Min	-509

The UNIVARIATE Procedure

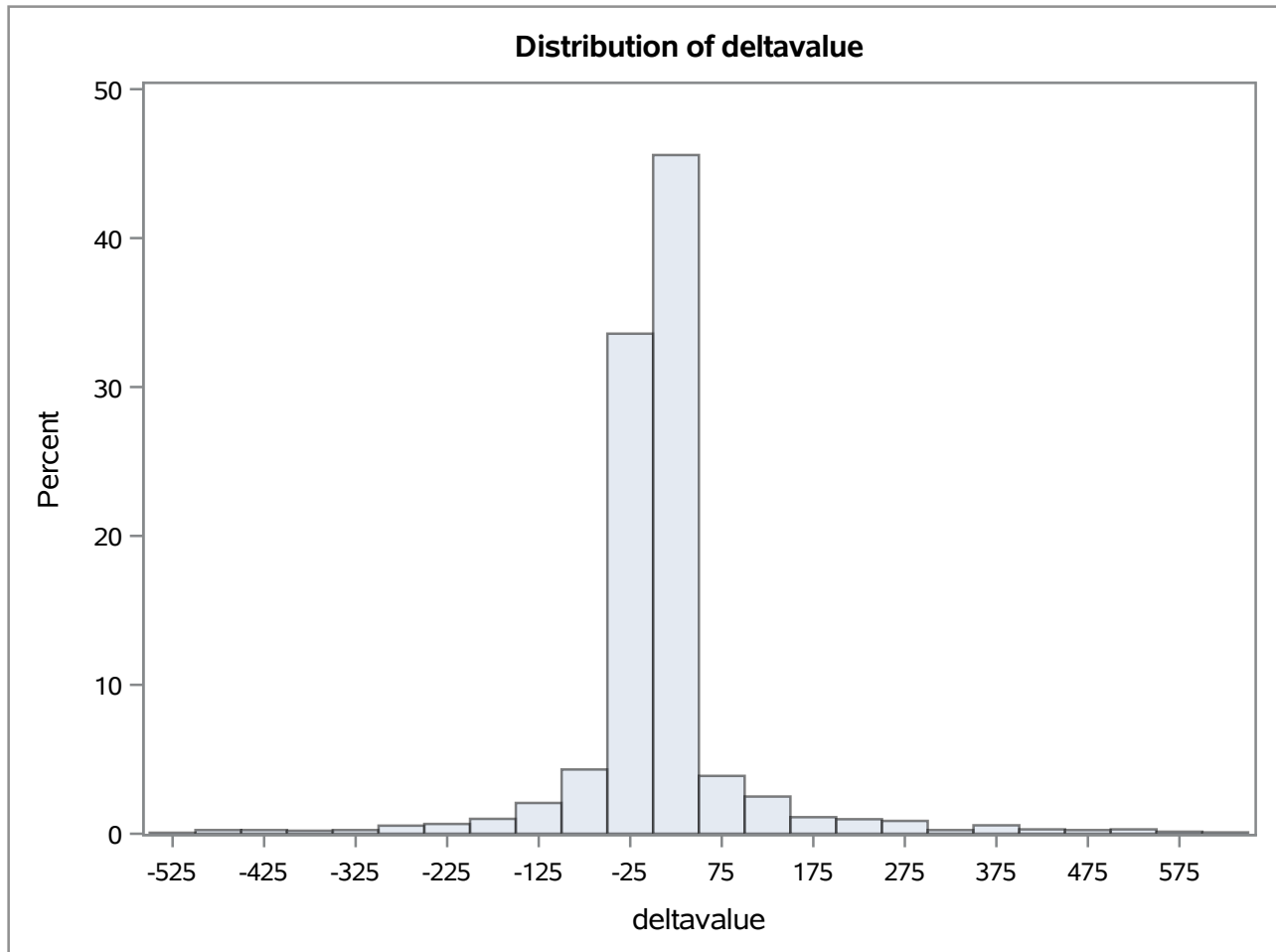
Variable: deltavalue

category=J. Cardiac markers longlabel=Troponin T

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-509	880968	596	880461
-508	878642	626	880450
-504	878511	626	880752
-497	877982	627	879249
-495	878112	629	878845

The UNIVARIATE Procedure

category=J. Cardiac markers longlabel=Troponin T



The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=Fibrinogen

Moments			
N	13926	Sum Weights	13926
Mean	0.09419072	Sum Observations	1311.7
Std Deviation	0.62875672	Variance	0.39533501
Skewness	0.05255457	Kurtosis	1.39736484
Uncorrected SS	5628.59	Corrected SS	5505.04003
Coeff Variation	667.535722	Std Error Mean	0.00532806

Basic Statistical Measures			
Location		Variability	
Mean	0.094191	Std Deviation	0.62876
Median	0.100000	Variance	0.39534
Mode	0.000000	Range	4.60000
		Interquartile Range	0.60000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	17.67823	Pr > t	<.0001
Sign	M	905	Pr >= M	<.0001
Signed Rank	S	7343300	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	2.2
99%	1.8
95%	1.2
90%	0.9
75% Q3	0.4
50% Median	0.1
25% Q1	-0.2
10%	-0.6
5%	-0.9
1%	-1.6
0% Min	-2.4

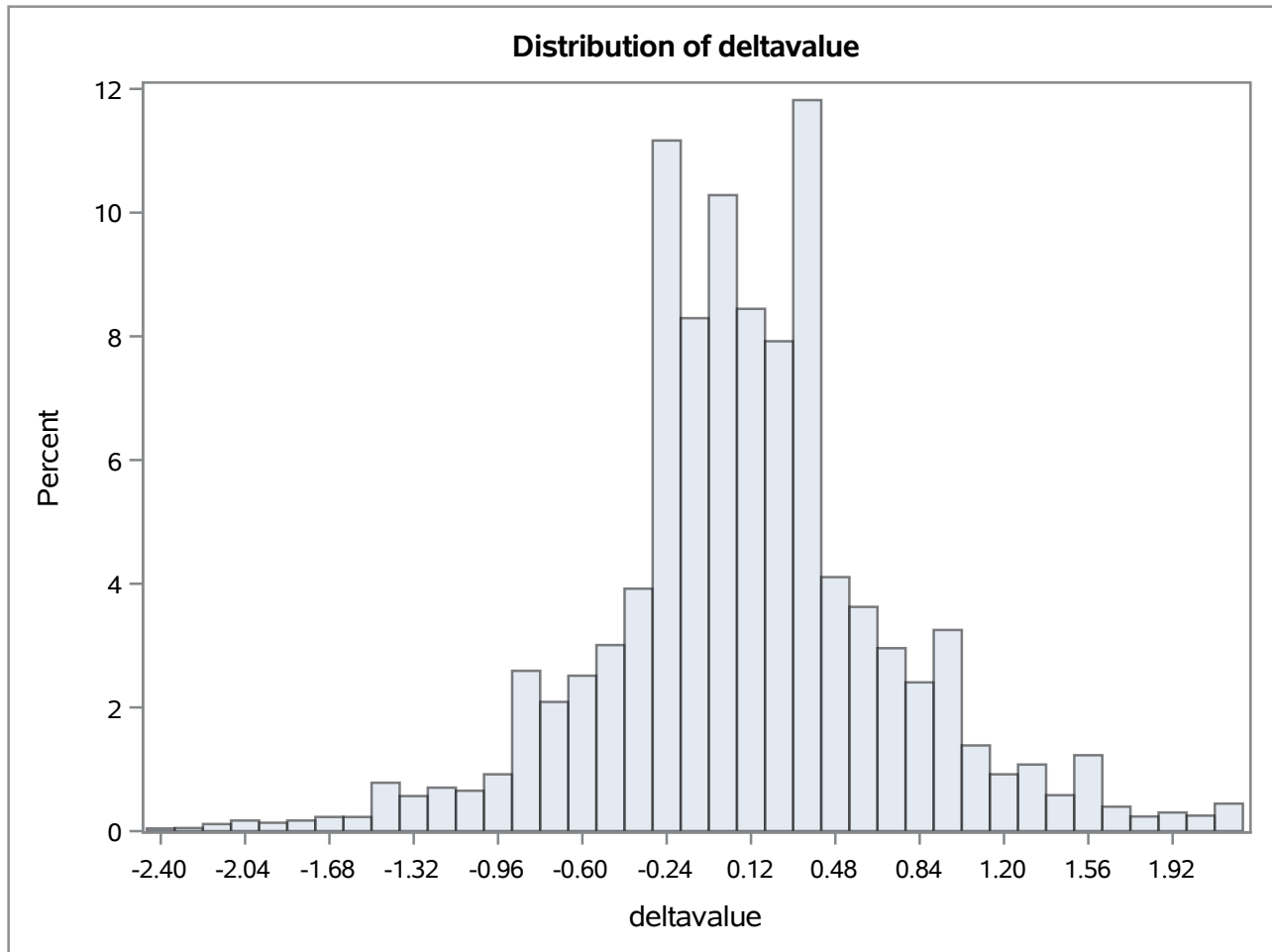
The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=Fibrinogen

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-2.4	895621	2.2	892344
-2.4	894134	2.2	892604
-2.4	893524	2.2	894712
-2.4	882761	2.2	895007
-2.4	884244	2.2	895909

The UNIVARIATE Procedure

category=K. Coagulation longlabel=Fibrinogen



The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=INR

Moments			
N	28438	Sum Weights	28438
Mean	-0.0409347	Sum Observations	-1164.1
Std Deviation	0.30945288	Variance	0.09576108
Skewness	-2.9046512	Kurtosis	19.6955114
Uncorrected SS	2770.81	Corrected SS	2723.15796
Coeff Variation	-755.96778	Std Error Mean	0.00183504

Basic Statistical Measures			
Location		Variability	
Mean	-0.04093	Std Deviation	0.30945
Median	0.00000	Variance	0.09576
Mode	0.00000	Range	4.00000
		Interquartile Range	0.20000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-22.3073	Pr > t 	<.0001
Sign	M	-1207	Pr >= M 	<.0001
Signed Rank	S	-1.136E7	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1.0
99%	0.7
95%	0.3
90%	0.2
75% Q3	0.1
50% Median	0.0
25% Q1	-0.1
10%	-0.2
5%	-0.5
1%	-1.3
0% Min	-3.0

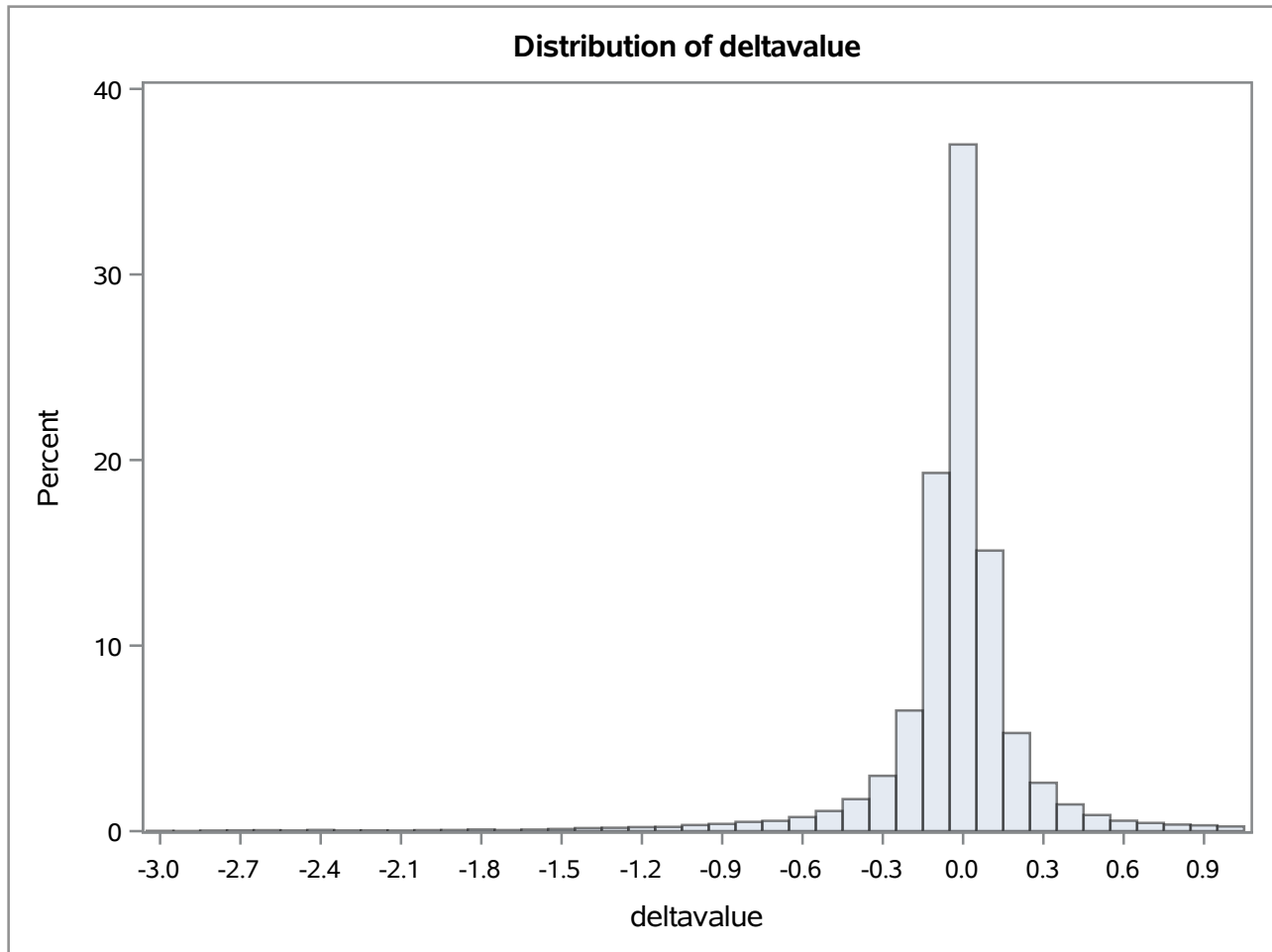
The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=INR

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-3.0	911839	1	922887
-3.0	905347	1	923655
-3.0	901182	1	924335
-3.0	917272	1	924644
-2.9	909424	1	924659

The UNIVARIATE Procedure

category=K. Coagulation longlabel=INR



The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=aPTT

Moments			
N	22591	Sum Weights	22591
Mean	-0.8261254	Sum Observations	-18663
Std Deviation	13.3199186	Variance	177.420231
Skewness	-0.4822554	Kurtosis	8.41467527
Uncorrected SS	4023341	Corrected SS	4007923.02
Coeff Variation	-1612.3361	Std Error Mean	0.08862043

Basic Statistical Measures			
Location		Variability	
Mean	-0.82613	Std Deviation	13.31992
Median	0.00000	Variance	177.42023
Mode	0.00000	Range	155.00000
		Interquartile Range	8.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-9.32207	Pr > t	<.0001
Sign	M	-554	Pr >= M	<.0001
Signed Rank	S	-7374947	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	74
99%	42
95%	17
90%	10
75% Q3	4
50% Median	0
25% Q1	-4
10%	-12
5%	-21
1%	-50
0% Min	-81

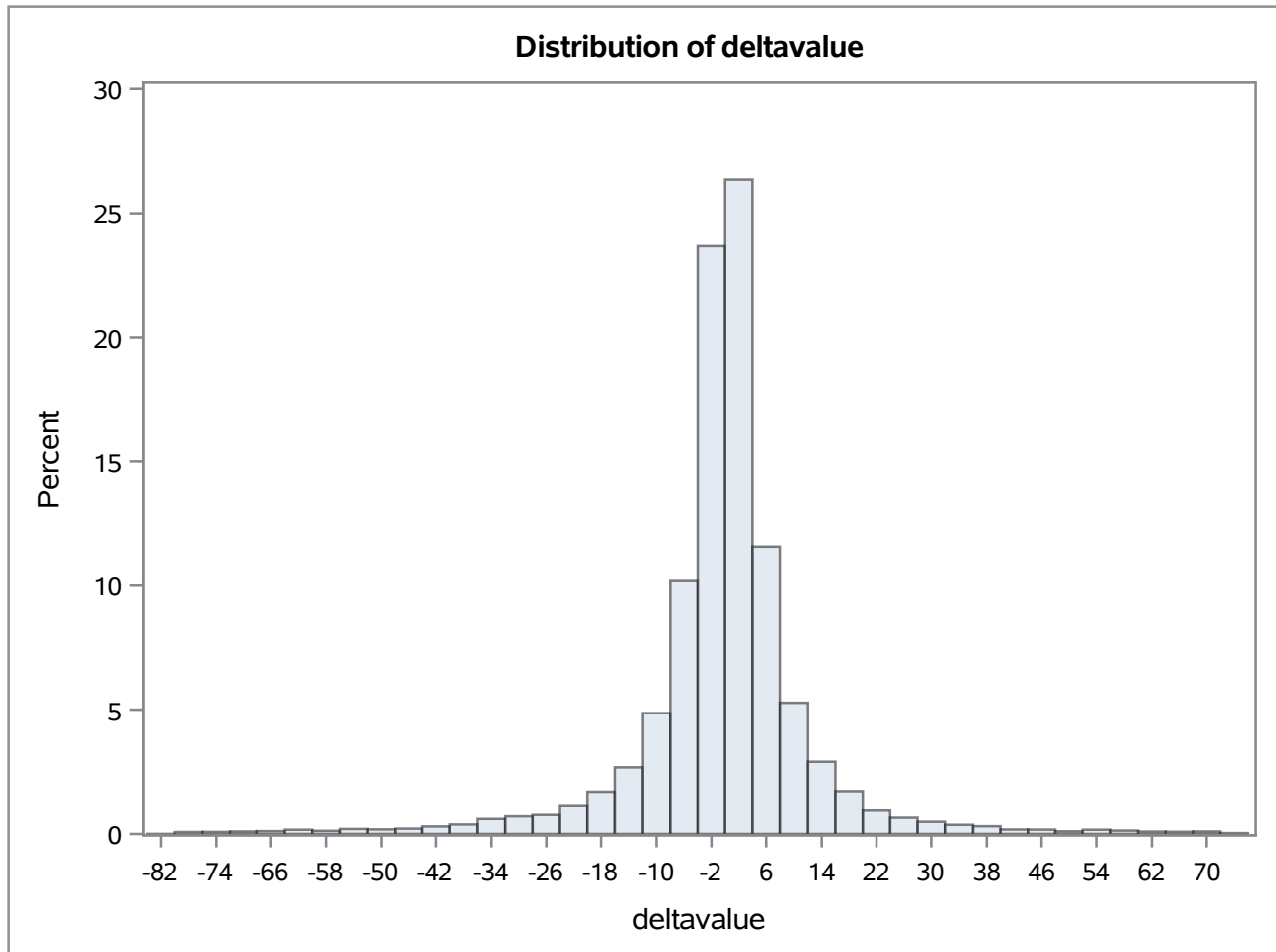
The UNIVARIATE Procedure
Variable: deltavalue

category=K. Coagulation longlabel=aPTT

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-81	937053	73	932406
-80	940159	73	933799
-80	939526	73	945486
-80	933644	74	936813
-80	929768	74	940073

The UNIVARIATE Procedure

category=K. Coagulation longlabel=aPTT



The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=Glucose

Moments			
N	44724	Sum Weights	44724
Mean	-0.0034992	Sum Observations	-156.5
Std Deviation	2.71780719	Variance	7.38647592
Skewness	0.01022844	Kurtosis	1.89902896
Uncorrected SS	330345.91	Corrected SS	330345.362
Coeff Variation	-77668.504	Std Error Mean	0.01285134

Basic Statistical Measures			
Location		Variability	
Mean	-0.00350	Std Deviation	2.71781
Median	0.00000	Variance	7.38648
Mode	0.00000	Range	20.00000
		Interquartile Range	2.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-0.27229	Pr > t 	0.7854
Sign	M	-85	Pr >= M 	0.4083
Signed Rank	S	-349062	Pr >= S 	0.8874

Quantiles (Definition 5)	
Level	Quantile
100% Max	10.0
99%	8.0
95%	4.7
90%	3.0
75% Q3	1.2
50% Median	0.0
25% Q1	-1.2
10%	-3.0
5%	-4.7
1%	-8.0
0% Min	-10.0

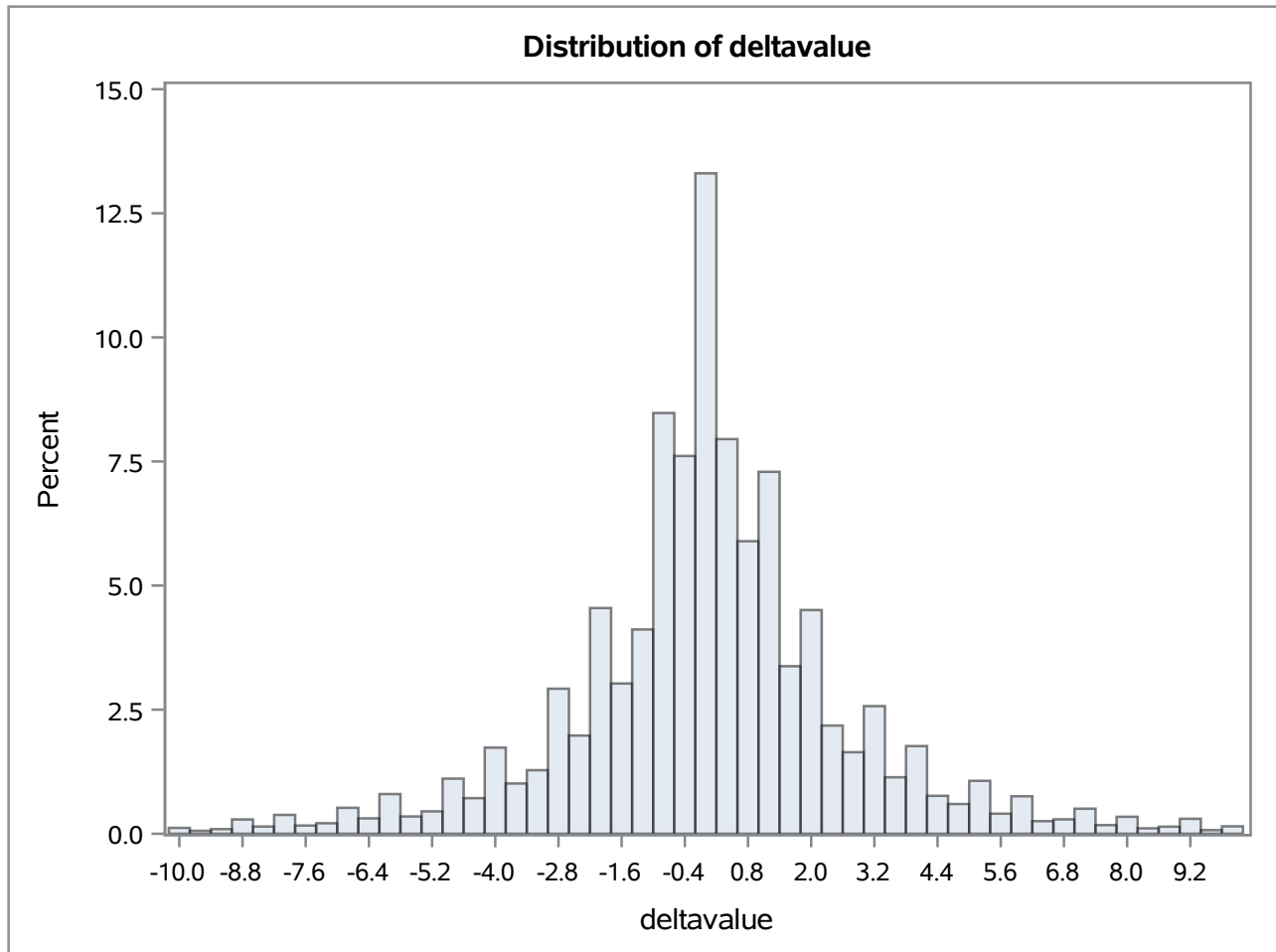
The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=Glucose

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-10	993097	10	989652
-10	992347	10	991873
-10	992187	10	992346
-10	990035	10	992514
-10	989796	10	992860

The UNIVARIATE Procedure

category=L. Others longlabel=Glucose



The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=HbA1c

Moments			
N	193	Sum Weights	193
Mean	4.41502591	Sum Observations	852.1
Std Deviation	7.77190668	Variance	60.4025335
Skewness	0.15435588	Kurtosis	1.29484745
Uncorrected SS	15359.33	Corrected SS	11597.2864
Coeff Variation	176.033093	Std Error Mean	0.55943408

Basic Statistical Measures			
Location		Variability	
Mean	4.415026	Std Deviation	7.77191
Median	3.000000	Variance	60.40253
Mode	0.000000	Range	55.00000
		Interquartile Range	9.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	7.89195	Pr > t	<.0001
Sign	M	34	Pr >= M	<.0001
Signed Rank	S	4531.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	33.0
99%	25.0
95%	18.0
90%	14.0
75% Q3	9.0
50% Median	3.0
25% Q1	-0.4
10%	-3.0
5%	-5.0
1%	-19.0
0% Min	-22.0

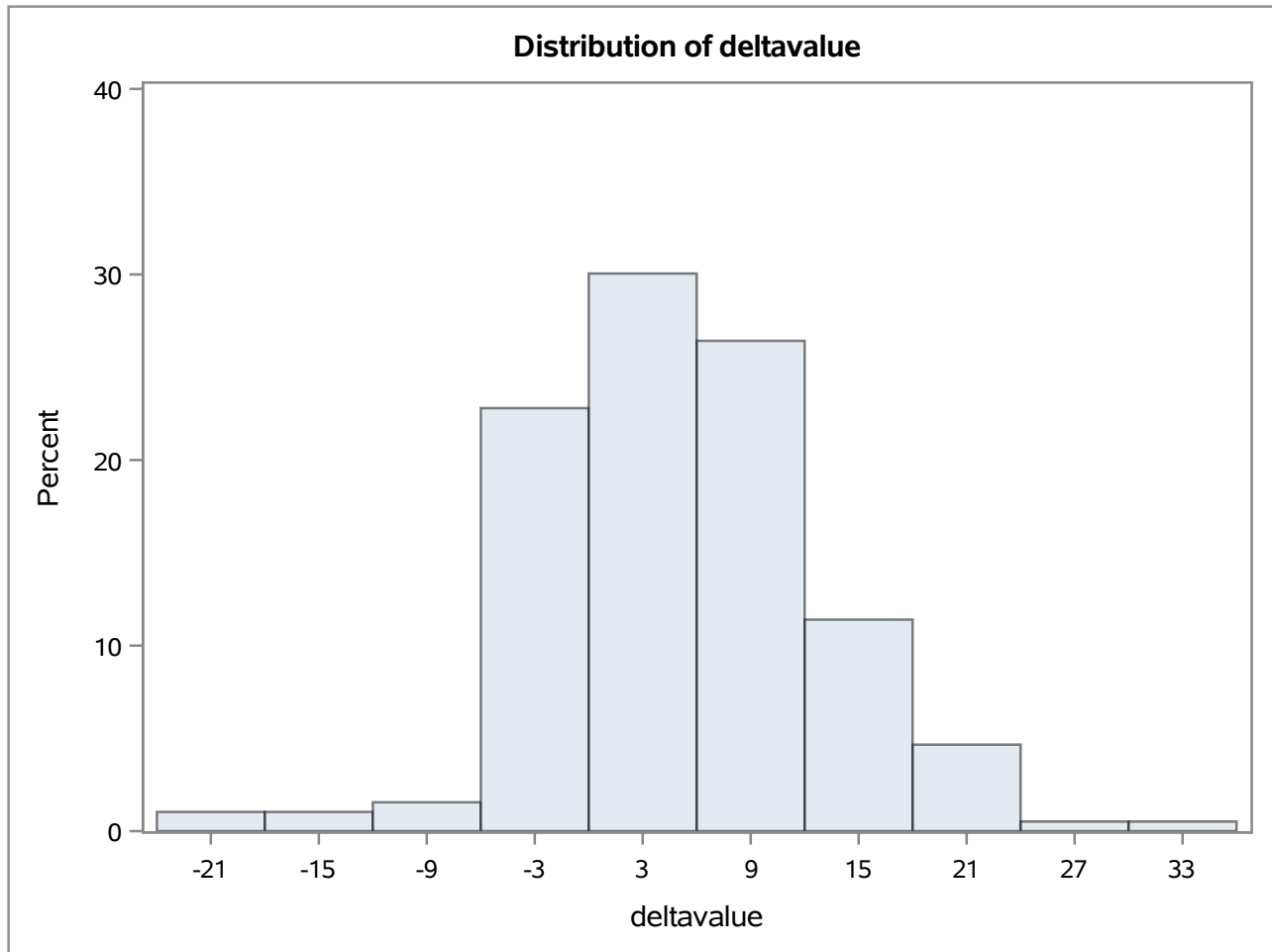
The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=HbA1c

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-22	993609	21	993643
-19	993493	22	993519
-18	993557	22	993663
-13	993563	25	993619
-12	993660	33	993515

The UNIVARIATE Procedure

category=L. Others longlabel=HbA1c



The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=Triglycerides

Moments			
N	2566	Sum Weights	2566
Mean	0.0733827	Sum Observations	188.3
Std Deviation	0.77988654	Variance	0.60822302
Skewness	-0.1729409	Kurtosis	3.4367965
Uncorrected SS	1573.91	Corrected SS	1560.09204
Coeff Variation	1062.76626	Std Error Mean	0.01539583

Basic Statistical Measures			
Location		Variability	
Mean	0.073383	Std Deviation	0.77989
Median	0.100000	Variance	0.60822
Mode	0.000000	Range	7.00000
		Interquartile Range	0.70000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.766401	Pr > t	<.0001
Sign	M	151.5	Pr >= M	<.0001
Signed Rank	S	220906	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	3.3
99%	2.4
95%	1.3
90%	0.9
75% Q3	0.4
50% Median	0.1
25% Q1	-0.3
10%	-0.7
5%	-1.2
1%	-2.3
0% Min	-3.7

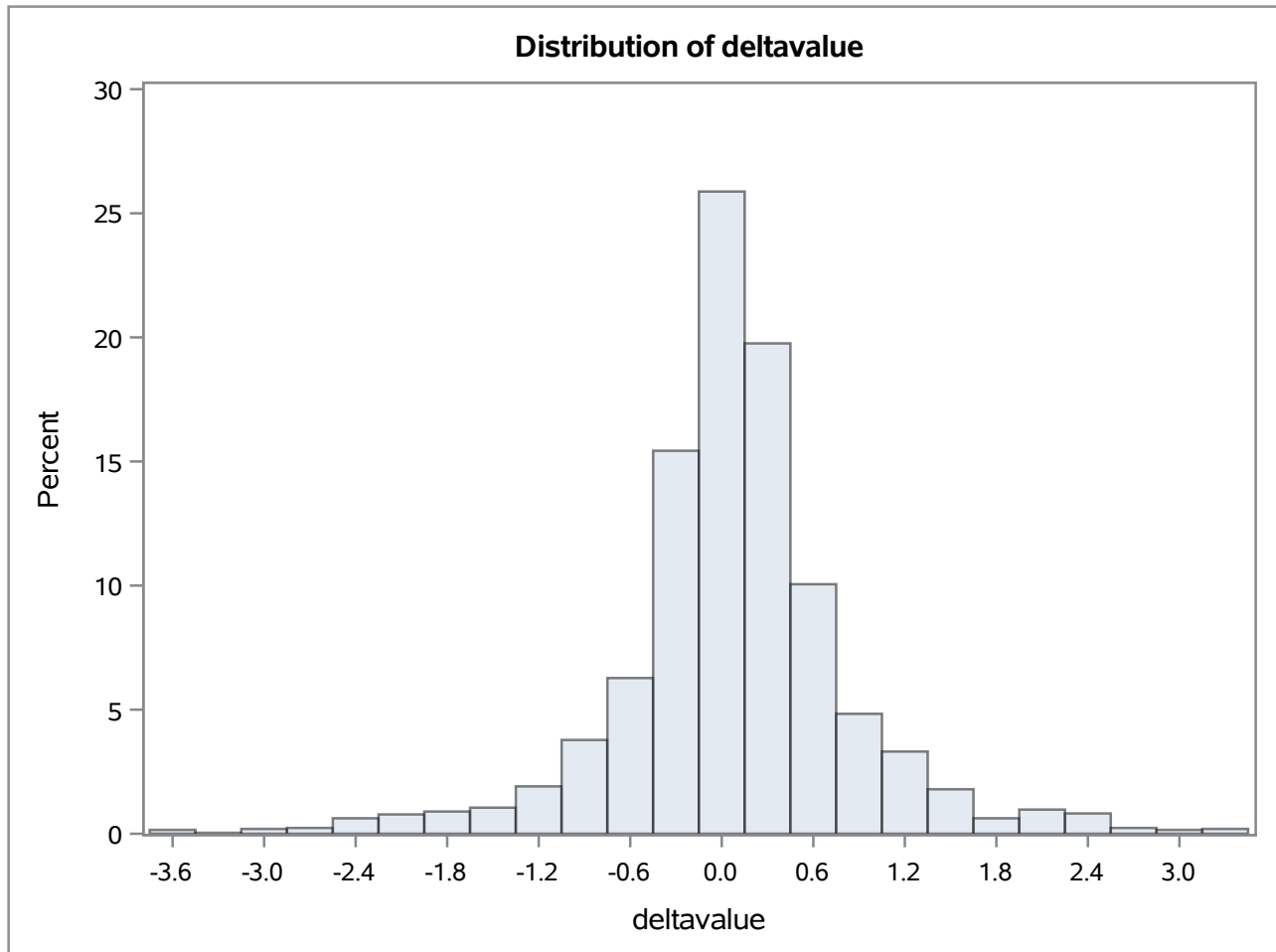
The UNIVARIATE Procedure
Variable: deltavalue

category=L. Others longlabel=Triglycerides

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-3.7	994656	3.2	994287
-3.7	994444	3.3	993792
-3.6	995066	3.3	994122
-3.6	994641	3.3	995899
-3.3	995340	3.3	996015

The UNIVARIATE Procedure

category=L. Others longlabel=Triglycerides



Obs	category	longlabel	persons	nobs	meandelta	mediandelta	q1delta	q3delta
1	A. Basic hematology	Hemoglobin	44508	157072	7.88327	8.0	1.0	14.0
2	A. Basic hematology	Leukocyte count	27499	137305	-0.18456	0.0	-1.2	1.0
3	A. Basic hematology	Mean corpuscular hemoglobin	18115	37303	0.04458	0.0	0.0	1.0
4	A. Basic hematology	Mean corpuscular hemoglobin concentration	12323	24193	2.22482	2.0	-3.0	7.0
5	A. Basic hematology	Mean corpuscular volume	18087	37211	-0.39741	0.0	-2.0	1.0
6	A. Basic hematology	Platelet count	25178	141943	-6.14811	-3.0	-21.0	12.0
7	B. Special hematology	Basophiles	1382	1987	-0.00050	0.0	0.0	0.0
8	B. Special hematology	Eosinophile count	1370	1971	0.01197	0.0	0.0	0.0
9	B. Special hematology	Erythrocyte count	17945	36971	0.22850	0.2	0.0	0.4
10	B. Special hematology	Lymphocyte count	1373	1974	-0.11697	0.0	-0.2	0.3
11	B. Special hematology	Metamyelocyte count	308	384	-0.00312	0.0	-0.1	0.2
12	B. Special hematology	Monocyte count	1374	1980	0.00005	0.0	-0.1	0.2
13	B. Special hematology	Myelocyte count	289	361	-0.00831	0.0	-0.1	0.1
14	B. Special hematology	Neutrophile count	4625	11134	-0.08445	0.0	-0.7	0.5
15	C. Hemolysis	Bilirubin	10423	37066	1.49967	0.0	-3.0	4.0
16	C. Hemolysis	Haptoglobin	325	927	0.02820	0.0	0.0	0.1
17	C. Hemolysis	Lactate dehydrogenase	3690	9305	-0.35333	-0.1	-1.0	0.5
18	C. Hemolysis	Reticulocyte count	356	517	5.32785	3.0	-2.0	11.0
19	D. Liver tests	ALP	4128	6723	-0.04291	0.0	-0.2	0.2

Obs	persons_reds	meandelta_reds	mediandelta_reds	q1delta_reds	q3delta_reds
1	62076	9.49	10.000	5.000	15.00
2	57048	0.15	0.100	-0.800	1.10
3
4
5
6	57762	-3.43	-2.000	-15.000	12.00
7
8
9
10
11
12
13
14
15	16440	4.65	1.710	-1.710	8.55
16	583	0.00	0.000	-0.040	0.06
17	3712	-6.07	0.000	-31.000	26.00
18
19

Obs	category	longlabel	persons	nobs	meandelta	mediandelta	q1delta	q3delta
20	D. Liver tests	ALT	8879	36245	0.02842	0.0	-0.2	0.1
21	D. Liver tests	AST	8299	35883	-0.00946	0.0	-0.3	0.2
22	D. Liver tests	Albumin	12167	30557	-0.08158	0.0	-2.0	2.0
23	D. Liver tests	Conjugated bilirubin	2293	13410	1.10318	0.0	-2.0	4.0
24	D. Liver tests	Glutamyl transferase	4497	7792	-0.03387	0.0	-0.2	0.2
25	E. Electrolytes	Calcium	6208	12820	0.00582	0.0	-0.1	0.1
26	E. Electrolytes	Chloride	10664	21104	0.33562	0.0	-1.0	1.0
27	E. Electrolytes	Free Calcium	10318	20420	-0.00217	0.0	0.0	0.0
28	E. Electrolytes	Osmolality	2953	6503	0.18515	0.0	-2.0	2.0
29	E. Electrolytes	Potassium	24666	47090	0.00205	0.0	-0.2	0.2
30	E. Electrolytes	Sodium	24434	125772	0.19937	0.0	-1.0	2.0
31	F. Kidney function	Creatinine	25731	119939	-3.27702	-2.0	-11.0	5.0
32	F. Kidney function	Standard bicarbonate	10322	20347	0.03238	0.0	-1.0	1.0
33	F. Kidney function	eGFR	3757	6455	1.39334	1.0	-2.0	5.0
34	G. Blood gases	Base Excess	5606	10235	-0.14115	0.0	-1.0	1.0
35	G. Blood gases	CO-Hb	7603	14200	-0.00311	0.0	-0.2	0.2
36	G. Blood gases	Carbon Dioxide	710	1087	0.00644	0.0	-1.0	1.3
37	G. Blood gases	Lactate	9475	13713	-0.05270	0.0	-0.3	0.2
38	G. Blood gases	Methemoglobin	8041	15622	0.00007	0.0	-0.2	0.2

Obs	persons_reds	meandelta_reds	mediandelta_reds	q1delta_reds	q3delta_reds
20	15899	0.01	-0.017	-0.083	0.05
21	15675	3.20	0.000	-7.000	5.00
22	14099	0.12	0.000	-1.000	2.00
23	6767	2.69	0.171	-1.197	4.10
24
25
26
27
28
29
30	53557	0.19	0.000	-1.000	2.00
31	51927	-4.53	0.000	-8.840	7.07
32
33
34
35
36
37	8125	-0.19	-0.100	-0.700	0.30
38

Obs	category	longlabel	persons	nobs	meandelta	mediandelta	q1delta	q3delta
39	G. Blood gases	PaCO2	8516	16496	0.05128	0.0	-0.3	0.4
40	G. Blood gases	PaO2	8483	16602	-0.80257	-0.1	-2.0	1.0
41	G. Blood gases	pH	10352	20456	-0.00047	0.0	0.0	0.0
42	H. Inflammation	CRP	23428	47982	1.42682	-1.0	-19.0	17.0
43	H. Inflammation	Sedimentation rate	88	89	-6.16854	-6.0	-15.0	1.0
44	I. Iron status	Ferritin	1198	2577	5.39053	1.0	-37.0	41.0
45	I. Iron status	Iron	766	1418	4.30536	1.0	-36.0	42.0
46	I. Iron status	Transferrin	58	58	-0.06379	0.0	-0.2	0.1
47	J. Cardiac markers	NT-ProBNP	646	135	-1.97458	0.0	-94.0	76.0
48	J. Cardiac markers	Troponin I	528	593	0.88179	0.0	0.0	0.1
49	J. Cardiac markers	Troponin T	3435	4401	5.84647	0.0	-6.0	7.0
50	K. Coagulation	Fibrinogen	6431	10302	0.09419	0.1	-0.2	0.4
51	K. Coagulation	INR	14510	51639	-0.04093	0.0	-0.1	0.1
52	K. Coagulation	aPTT	10654	34348	-0.82613	0.0	-4.0	4.0
53	L. Others	
54	L. Others	Glucose	20168	114311	-0.00350	0.0	-1.2	1.2
55	L. Others	HbA1c	122	193	4.41503	3.0	-0.4	9.0
56	L. Others	Triglycerides	1088	2566	0.07338	0.1	-0.3	0.4

Obs	persons_recs	meandelta_recs	mediandelta_recs	q1delta_recs	q3delta_recs
39
40
41
42
43
44
45
46
47	121	1123.20	100.000	-136.000	1090.00
48
49
50	4787	0.10	0.070	-0.170	0.37
51	25317	-0.05	0.000	-0.100	0.10
52	16819	-1.71	-0.500	-4.200	2.20
53	3970
54	49525	-0.11	-0.111	-0.999	0.78
55
56