

The FREQ Procedure

Comment entered..invalid results?				
LACOMM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0:No	3512	96.59	3512	96.59
1:Yes	124	3.41	3636	100.00

Site				
SITE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Birmingham	579	15.92	579	15.92
Minneapolis	662	18.21	1241	34.13
Palo Alto	511	14.05	1752	48.18
Pittsburgh	593	16.31	2345	64.49
Portland	624	17.16	2969	81.66
San Diego	667	18.34	3636	100.00

The UNIVARIATE Procedure

Variable: LARED (RBC: RED BLOOD CELL COUNT, MILLION/MCL)

Moments			
N	3635	Sum Weights	3635
Mean	4.43262999	Sum Observations	16112.61
Std Deviation	0.47766097	Variance	0.22816
Skewness	-0.2340078	Kurtosis	0.75552941
Uncorrected SS	72250.3717	Corrected SS	829.133457
Coeff Variation	10.7760173	Std Error Mean	0.0079226

Basic Statistical Measures			
Location		Variability	
Mean	4.432630	Std Deviation	0.47766
Median	4.460000	Variance	0.22816
Mode	4.420000	Range	4.11000
		Interquartile Range	0.59000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	559.4921	Pr > t	<.0001
Sign	M	1817.5	Pr >= M	<.0001
Signed Rank	S	3304215	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	6.52
99%	5.51
95%	5.15
90%	5.00
75% Q3	4.74
50% Median	4.46
25% Q1	4.15
10%	3.81
5%	3.62
1%	3.20
0% Min	2.41

The UNIVARIATE Procedure

Variable: LARED (RBC: RED BLOOD CELL COUNT, MILLION/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2.41	1772	6.10	2603
2.51	2617	6.11	3294
2.63	397	6.18	2322
2.69	2571	6.45	2107
2.71	3406	6.52	3174

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	1	0.03	100.00

UNIVARIATES FOR MROS VISIT3 C3AUG11

The UNIVARIATE Procedure

Variable: LAHEMO (HEMOGLOBIN, g/dL)

Moments			
N	3635	Sum Weights	3635
Mean	14.074773	Sum Observations	51161.8
Std Deviation	1.37648271	Variance	1.89470465
Skewness	-0.4110932	Kurtosis	0.48555871
Uncorrected SS	726976.08	Corrected SS	6885.35669
Coeff Variation	9.77978618	Std Error Mean	0.02283066

Basic Statistical Measures			
Location		Variability	
Mean	14.07477	Std Deviation	1.37648
Median	14.20000	Variance	1.89470
Mode	14.40000	Range	10.40000
		Interquartile Range	1.80000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	616.4855	Pr > t	<.0001
Sign	M	1817.5	Pr >= M	<.0001
Signed Rank	S	3304215	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	18.5
99%	16.9
95%	16.1
90%	15.8
75% Q3	15.0
50% Median	14.2
25% Q1	13.2
10%	12.3
5%	11.6
1%	10.4
0% Min	8.1

The UNIVARIATE Procedure

Variable: LAHEMO (HEMOGLOBIN, g/dL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
8.1	2617	17.9	3345
8.6	1083	18.0	831
8.8	2204	18.1	3174
9.1	2571	18.4	2601
9.1	1772	18.5	3294

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	1	0.03	100.00

UNIVARIATES FOR MROS VISIT3 C3AUG11

The UNIVARIATE Procedure

Variable: LAHEMA (HEMATOCRIT, %)

Moments			
N	3636	Sum Weights	3636
Mean	41.3322607	Sum Observations	150284.1
Std Deviation	4.02551579	Variance	16.2047774
Skewness	-0.3467141	Kurtosis	0.48556597
Uncorrected SS	6270485.97	Corrected SS	58904.3658
Coeff Variation	9.73940385	Std Error Mean	0.06675897

Basic Statistical Measures			
Location		Variability	
Mean	41.33226	Std Deviation	4.02552
Median	41.50000	Variance	16.20478
Mode	42.50000	Range	31.60000
		Interquartile Range	5.20000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	619.1267	Pr > t	<.0001
Sign	M	1818	Pr >= M	<.0001
Signed Rank	S	3306033	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	57.5
99%	50.0
95%	47.5
90%	46.2
75% Q3	44.1
50% Median	41.5
25% Q1	38.9
10%	36.2
5%	34.0
1%	30.6
0% Min	25.9

The UNIVARIATE Procedure

Variable: LAHEMA (HEMATOCRIT, %)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
25.9	2617	52.9	217
25.9	2571	54.1	831
26.6	1083	54.3	3174
26.9	2204	54.5	3294
27.3	115	57.5	2601

UNIVARIATES FOR MROS VISIT3 C3AUG11

The UNIVARIATE Procedure

Variable: LAMCV (MCV: MEAN CORPUSCULAR VOLUME, fL)

Moments			
N	3636	Sum Weights	3636
Mean	93.5182893	Sum Observations	340032.5
Std Deviation	5.19973848	Variance	27.0372803
Skewness	-0.490496	Kurtosis	3.41825235
Uncorrected SS	31897538.2	Corrected SS	98280.5138
Coeff Variation	5.56013002	Std Error Mean	0.08623222

Basic Statistical Measures			
Location		Variability	
Mean	93.51829	Std Deviation	5.19974
Median	93.60000	Variance	27.03728
Mode	92.90000	Range	56.50000
		Interquartile Range	6.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1084.494	Pr > t	<.0001
Sign	M	1818	Pr >= M	<.0001
Signed Rank	S	3306033	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	118.8
99%	106.1
95%	101.6
90%	99.5
75% Q3	96.6
50% Median	93.6
25% Q1	90.6
10%	87.8
5%	85.7
1%	77.8
0% Min	62.3

The UNIVARIATE Procedure

Variable: LAMCV (MCV: MEAN CORPUSCULAR VOLUME, fL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
62.3	2107	114.6	3265
62.8	2322	114.7	769
63.2	254	114.9	1772
64.6	3246	117.3	1446
65.3	3079	118.8	2833

The UNIVARIATE Procedure

Variable: LAMCH (MCH: MEAN CORPUSCULAR HEMOGLOBIN, pg)

Moments			
N	3636	Sum Weights	3636
Mean	31.8568482	Sum Observations	115831.5
Std Deviation	1.96351588	Variance	3.85539463
Skewness	-0.7575873	Kurtosis	4.34453698
Uncorrected SS	3704040.87	Corrected SS	14014.3595
Coeff Variation	6.16355979	Std Error Mean	0.03256286

Basic Statistical Measures			
Location		Variability	
Mean	31.85685	Std Deviation	1.96352
Median	31.90000	Variance	3.85539
Mode	32.30000	Range	21.50000
		Interquartile Range	2.20000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	978.3186	Pr > t	<.0001
Sign	M	1818	Pr >= M	<.0001
Signed Rank	S	3306033	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	41.3
99%	36.5
95%	34.8
90%	34.1
75% Q3	33.0
50% Median	31.9
25% Q1	30.8
10%	29.8
5%	28.9
1%	25.3
0% Min	19.8

The UNIVARIATE Procedure

Variable: LAMCH (MCH: MEAN CORPUSCULAR HEMOGLOBIN, pg)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
19.8	254	39.0	2574
20.1	2107	39.2	2059
20.3	2322	40.5	3265
21.1	3079	41.1	2833
21.2	3246	41.3	1446

The UNIVARIATE Procedure

Variable: LAMCHC (MEAN CORPUSCULAR HEMOGLOBIN CONCTN,g/dL)

Moments			
N	3635	Sum Weights	3635
Mean	34.0461348	Sum Observations	123757.7
Std Deviation	0.75866544	Variance	0.57557325
Skewness	-0.4346074	Kurtosis	1.09431376
Uncorrected SS	4215562.97	Corrected SS	2091.63319
Coeff Variation	2.22834529	Std Error Mean	0.0125834

Basic Statistical Measures			
Location		Variability	
Mean	34.04613	Std Deviation	0.75867
Median	34.10000	Variance	0.57557
Mode	34.00000	Range	7.10000
		Interquartile Range	0.90000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	2705.638	Pr > t	<.0001
Sign	M	1817.5	Pr >= M	<.0001
Signed Rank	S	3304215	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	36.3
99%	35.7
95%	35.2
90%	35.0
75% Q3	34.5
50% Median	34.1
25% Q1	33.6
10%	33.1
5%	32.8
1%	31.9
0% Min	29.2

The UNIVARIATE Procedure

Variable: LAMCHC (MEAN CORPUSCULAR HEMOGLOBIN CONCTN,g/dL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
29.2	766	36.2	1929
30.4	381	36.2	2335
30.8	2709	36.2	3207
31.0	2897	36.3	3069
31.0	2491	36.3	3525

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	1	0.03	100.00

The UNIVARIATE Procedure

Variable: LARDW (RED CELL DISTRIBUTION WIDTH, %)

Moments			
N	3635	Sum Weights	3635
Mean	14.2987345	Sum Observations	51975.9
Std Deviation	1.39268414	Variance	1.93956912
Skewness	3.31297443	Kurtosis	24.1511228
Uncorrected SS	750237.99	Corrected SS	7048.39418
Coeff Variation	9.73991187	Std Error Mean	0.02309939

Basic Statistical Measures			
Location		Variability	
Mean	14.29873	Std Deviation	1.39268
Median	14.00000	Variance	1.93957
Mode	13.60000	Range	21.60000
		Interquartile Range	1.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	619.0093	Pr > t	<.0001
Sign	M	1817.5	Pr >= M	<.0001
Signed Rank	S	3304215	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	32.9
99%	19.6
95%	16.5
90%	15.7
75% Q3	14.8
50% Median	14.0
25% Q1	13.5
10%	13.0
5%	12.8
1%	12.4
0% Min	11.3

The UNIVARIATE Procedure

Variable: LARDW (RED CELL DISTRIBUTION WIDTH, %)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
11.3	1630	25.3	381
11.9	871	25.8	2571
11.9	625	26.5	890
12.0	3622	31.0	527
12.1	3401	32.9	1772

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	1	0.03	100.00

The UNIVARIATE Procedure

Variable: LAPLATE (PLATELET COUNT, THOUSAND/MCL)

Moments			
N	3603	Sum Weights	3603
Mean	205.939772	Sum Observations	742001
Std Deviation	54.6491508	Variance	2986.52969
Skewness	1.53465639	Kurtosis	9.84259115
Uncorrected SS	163564997	Corrected SS	10757479.9
Coeff Variation	26.5364724	Std Error Mean	0.91043991

Basic Statistical Measures			
Location		Variability	
Mean	205.9398	Std Deviation	54.64915
Median	200.0000	Variance	2987
Mode	210.0000	Range	787.00000
		Interquartile Range	65.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	226.1981	Pr > t	<.0001
Sign	M	1801.5	Pr >= M	<.0001
Signed Rank	S	3246303	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	801
99%	358
95%	296
90%	272
75% Q3	235
50% Median	200
25% Q1	170
10%	145
5%	132
1%	103
0% Min	14

The UNIVARIATE Procedure

Variable: LAPLATE (PLATELET COUNT, THOUSAND/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
14	2704	554	1125
48	723	581	2156
58	1312	687	3424
63	224	746	3243
63	171	801	1053

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	33	0.91	100.00

The UNIVARIATE Procedure

Variable: LAWHITE (WBC: WHITE BLOOD CELL COUNT,THOUSAND/MCL)

Moments			
N	3636	Sum Weights	3636
Mean	6.14964246	Sum Observations	22360.1
Std Deviation	3.50652563	Variance	12.295722
Skewness	25.4887059	Kurtosis	1007.96447
Uncorrected SS	182201.57	Corrected SS	44694.9495
Coeff Variation	57.0199919	Std Error Mean	0.05815206

Basic Statistical Measures			
Location		Variability	
Mean	6.149642	Std Deviation	3.50653
Median	5.800000	Variance	12.29572
Mode	5.900000	Range	155.70000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	105.7511	Pr > t	<.0001
Sign	M	1818	Pr >= M	<.0001
Signed Rank	S	3306033	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	158.0
99%	13.0
95%	9.0
90%	8.0
75% Q3	6.9
50% Median	5.8
25% Q1	4.9
10%	4.2
5%	3.8
1%	3.1
0% Min	2.3

The UNIVARIATE Procedure

Variable: LAWHITE (WBC: WHITE BLOOD CELL COUNT,THOUSAND/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2.3	157	28.3	2069
2.4	3286	49.3	3083
2.4	2746	56.2	549
2.4	1173	64.8	2109
2.4	1018	158.0	1439

The UNIVARIATE Procedure

Variable: LALYMP (LYMPHOCYTES, %)

Moments			
N	3631	Sum Weights	3631
Mean	26.0125585	Sum Observations	94451.6
Std Deviation	9.095021	Variance	82.719407
Skewness	1.60186292	Kurtosis	7.15536113
Uncorrected SS	2757199.22	Corrected SS	300271.447
Coeff Variation	34.9639617	Std Error Mean	0.15093522

Basic Statistical Measures			
Location		Variability	
Mean	26.01256	Std Deviation	9.09502
Median	25.20000	Variance	82.71941
Mode	23.00000	Range	97.00000
		Interquartile Range	10.20000

Note: The mode displayed is the smallest of 2 modes with a count of 53.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	172.3425	Pr > t	<.0001
Sign	M	1815.5	Pr >= M	<.0001
Signed Rank	S	3296948	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	98.0
99%	56.1
95%	40.2
90%	36.1
75% Q3	30.4
50% Median	25.2
25% Q1	20.2
10%	16.1
5%	13.6
1%	9.6
0% Min	1.0

The UNIVARIATE Procedure

Variable: LALYMP (LYMPHOCYTES, %)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1.0	2069	83.0	2902
1.6	1407	84.0	590
4.5	585	84.6	3017
5.4	2925	88.5	549
5.6	537	98.0	1439

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LAMONO (MONOCYTES, %)

Moments			
N	3631	Sum Weights	3631
Mean	8.25576976	Sum Observations	29976.7
Std Deviation	2.44581368	Variance	5.98200458
Skewness	0.98259263	Kurtosis	3.84017336
Uncorrected SS	269195.41	Corrected SS	21714.6766
Coeff Variation	29.6255074	Std Error Mean	0.04058918

Basic Statistical Measures			
Location		Variability	
Mean	8.255770	Std Deviation	2.44581
Median	8.000000	Variance	5.98200
Mode	7.000000	Range	25.50000
		Interquartile Range	2.80000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	203.3983	Pr > t	<.0001
Sign	M	1815	Pr >= M	<.0001
Signed Rank	S	3295133	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	25.5
99%	15.9
95%	12.3
90%	11.1
75% Q3	9.5
50% Median	8.0
25% Q1	6.7
10%	5.6
5%	4.9
1%	3.0
0% Min	0.0

The UNIVARIATE Procedure

Variable: LAMONO (MONOCYTES, %)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0.0	1439	21.7	67
0.4	402	22.0	2419
0.7	3017	24.0	1892
1.0	3282	25.3	3148
1.0	3133	25.5	723

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

UNIVARIATES FOR MROS VISIT3 C3AUG11

The UNIVARIATE Procedure

Variable: LAEOSI (EOSINOPHILS, %)

Moments			
N	3631	Sum Weights	3631
Mean	3.41178739	Sum Observations	12388.2
Std Deviation	2.40585463	Variance	5.7881365
Skewness	2.14932198	Kurtosis	8.39920385
Uncorrected SS	63276.84	Corrected SS	21010.9355
Coeff Variation	70.51596	Std Error Mean	0.03992604

Basic Statistical Measures			
Location		Variability	
Mean	3.411787	Std Deviation	2.40585
Median	2.900000	Variance	5.78814
Mode	2.000000	Range	23.50000
		Interquartile Range	2.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	85.45268	Pr > t	<.0001
Sign	M	1800	Pr >= M	<.0001
Signed Rank	S	3240900	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	23.5
99%	12.5
95%	7.8
90%	6.3
75% Q3	4.3
50% Median	2.9
25% Q1	1.9
10%	1.1
5%	0.8
1%	0.2
0% Min	0.0

The UNIVARIATE Procedure

Variable: LAEOSI (EOSINOPHILS, %)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3289	20.0	1558
0	3282	20.1	3369
0	3232	21.0	2251
0	3083	22.5	1246
0	2849	23.5	738

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LABASO (BASOPHILS, %)

Moments			
N	3631	Sum Weights	3631
Mean	0.4361333	Sum Observations	1583.6
Std Deviation	0.32364969	Variance	0.10474912
Skewness	1.27459513	Kurtosis	3.49675075
Uncorrected SS	1070.9	Corrected SS	380.239311
Coeff Variation	74.2088926	Std Error Mean	0.00537109

Basic Statistical Measures			
Location		Variability	
Mean	0.436133	Std Deviation	0.32365
Median	0.400000	Variance	0.10475
Mode	0.400000	Range	2.50000
		Interquartile Range	0.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	81.20021	Pr > t	<.0001
Sign	M	1592	Pr >= M	<.0001
Signed Rank	S	2535260	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	2.5
99%	1.4
95%	1.0
90%	0.9
75% Q3	0.6
50% Median	0.4
25% Q1	0.2
10%	0.0
5%	0.0
1%	0.0
0% Min	0.0

The UNIVARIATE Procedure

Variable: LABASO (BASOPHILS, %)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3412	2.3	1294
0	3367	2.3	1501
0	3289	2.4	1386
0	3274	2.4	1586
0	3236	2.5	1488

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LANEUT (NEUTROPHILS, %)

Moments			
N	3631	Sum Weights	3631
Mean	61.8692647	Sum Observations	224647.3
Std Deviation	9.81153071	Variance	96.266135
Skewness	-0.9120787	Kurtosis	3.08740453
Uncorrected SS	14248209.3	Corrected SS	349446.07
Coeff Variation	15.8584893	Std Error Mean	0.16282596

Basic Statistical Measures			
Location		Variability	
Mean	61.86926	Std Deviation	9.81153
Median	62.50000	Variance	96.26613
Mode	64.00000	Range	91.00000
		Interquartile Range	11.40000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	379.9718	Pr > t	<.0001
Sign	M	1815.5	Pr >= M	<.0001
Signed Rank	S	3296948	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	93.0
99%	81.3
95%	76.4
90%	73.3
75% Q3	68.1
50% Median	62.5
25% Q1	56.7
10%	50.2
5%	46.0
1%	30.4
0% Min	2.0

The UNIVARIATE Procedure

Variable: LANEUT (NEUTROPHILS, %)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	1439	88.7	173
7	3083	91.8	2925
7	549	92.3	537
10	590	92.9	1407
12	1315	93.0	2069

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LABAND (BANDS, %)

Moments			
N	3631	Sum Weights	3631
Mean	0.00826219	Sum Observations	30
Std Deviation	0.27859948	Variance	0.07761767
Skewness	46.257318	Kurtosis	2368.37854
Uncorrected SS	282	Corrected SS	281.752134
Coeff Variation	3371.98232	Std Error Mean	0.00462346

Basic Statistical Measures			
Location		Variability	
Mean	0.008262	Std Deviation	0.27860
Median	0.000000	Variance	0.07762
Mode	0.000000	Range	15.00000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.787014	Pr > t	0.0740
Sign	M	3.5	Pr >= M	0.0156
Signed Rank	S	14	Pr >= S	0.0156

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	15
99%	0
95%	0
90%	0
75% Q3	0
50% Median	0
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

The UNIVARIATE Procedure

Variable: LABAND (BANDS, %)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3636	1	3282
0	3635	2	2649
0	3634	5	1892
0	3633	5	2069
0	3632	15	1525

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

UNIVARIATES FOR MROS VISIT3 C3AUG11

The UNIVARIATE Procedure

Variable: LARALYMP (REACTIVE LYMPHS, %)

Moments			
N	3631	Sum Weights	3631
Mean	0.00578353	Sum Observations	21
Std Deviation	0.19977849	Variance	0.03991145
Skewness	41.2921392	Kurtosis	1879.8634
Uncorrected SS	145	Corrected SS	144.878546
Coeff Variation	3454.26523	Std Error Mean	0.0033154

Basic Statistical Measures			
Location		Variability	
Mean	0.005784	Std Deviation	0.19978
Median	0.000000	Variance	0.03991
Mode	0.000000	Range	10.00000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.744446	Pr > t	0.0812
Sign	M	2	Pr >= M	0.1250
Signed Rank	S	5	Pr >= S	0.1250

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

The UNIVARIATE Procedure

Variable: LARALYMP (REACTIVE LYMPHS, %)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3636	0	3636
0	3635	2	1585
0	3634	4	3282
0	3633	5	1525
0	3632	10	3083

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

UNIVARIATES FOR MROS VISIT3 C3AUG11

The UNIVARIATE Procedure

Variable: LAMETAMY (METAMYELOCYTES, %)

Moments			
N	3631	Sum Weights	3631
Mean	0.00027541	Sum Observations	1
Std Deviation	0.01659537	Variance	0.00027541
Skewness	60.2577796	Kurtosis	3631
Uncorrected SS	1	Corrected SS	0.99972459
Coeff Variation	6025.77796	Std Error Mean	0.00027541

Basic Statistical Measures			
Location		Variability	
Mean	0.000275	Std Deviation	0.01660
Median	0.000000	Variance	0.0002754
Mode	0.000000	Range	1.00000
		Interquartile Range	0

Tests for Location: Mu0=0			
Test	Statistic		p Value
Student's t	t	1	Pr > t 0.3174
Sign	M	0.5	Pr >= M 1.0000
Signed Rank	S	0.5	Pr >= S 1.0000

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

The UNIVARIATE Procedure

Variable: LAMETAMY (METAMYELOCYTES, %)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3636	0	3633
0	3635	0	3634
0	3634	0	3635
0	3633	0	3636
0	3632	1	1772

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LAOTHER (OTHER WBC, %)

Moments			
N	3631	Sum Weights	3631
Mean	0.00165244	Sum Observations	6
Std Deviation	0.09957221	Variance	0.00991462
Skewness	60.2577796	Kurtosis	3631
Uncorrected SS	36	Corrected SS	35.9900854
Coeff Variation	6025.77796	Std Error Mean	0.00165244

Basic Statistical Measures			
Location		Variability	
Mean	0.001652	Std Deviation	0.09957
Median	0.000000	Variance	0.00991
Mode	0.000000	Range	6.00000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1	Pr > t	0.3174
Sign	M	0.5	Pr >= M	1.0000
Signed Rank	S	0.5	Pr >= S	1.0000

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	6
99%	0
95%	0
90%	0
75% Q3	0
50% Median	0
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

The UNIVARIATE Procedure

Variable: LAOTHER (OTHER WBC, %)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3636	0	3633
0	3635	0	3634
0	3634	0	3635
0	3633	0	3636
0	3632	6	1315

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

UNIVARIATES FOR MROS VISIT3 C3AUG11

The UNIVARIATE Procedure

Variable: LAANEUT (ABSOLUTE NEUTROPHILS, CELLS/MCL)

Moments			
N	3631	Sum Weights	3631
Mean	3774.47976	Sum Observations	13705136
Std Deviation	1422.52587	Variance	2023579.86
Skewness	2.95570069	Kurtosis	28.3304698
Uncorrected SS	5.90754E10	Corrected SS	7345594888
Coeff Variation	37.6879985	Std Error Mean	23.6073397

Basic Statistical Measures			
Location		Variability	
Mean	3774.480	Std Deviation	1423
Median	3575.000	Variance	2023580
Mode	2760.000	Range	25806
		Interquartile Range	1530

Note: The mode displayed is the smallest of 3 modes with a count of 8.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	159.8859	Pr > t	<.0001
Sign	M	1815.5	Pr >= M	<.0001
Signed Rank	S	3296948	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	26319
99%	8137
95%	6067
90%	5377
75% Q3	4417
50% Median	3575
25% Q1	2887
10%	2344
5%	2035
1%	1422
0% Min	513

The UNIVARIATE Procedure

Variable: LAANEUT (ABSOLUTE NEUTROPHILS, CELLS/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
513	1246	15646	799
670	3114	16154	2537
866	672	17558	1407
897	157	19567	537
952	1803	26319	2069

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LAALYMP (ABSOLUTE LYMPHOCYTES, CELLS/MCL)

Moments			
N	3631	Sum Weights	3631
Mean	1647.50234	Sum Observations	5982081
Std Deviation	3060.59032	Variance	9367213.1
Skewness	37.8165413	Kurtosis	1775.04697
Uncorrected SS	4.38585E10	Corrected SS	3.4003E10
Coeff Variation	185.771531	Std Error Mean	50.7916213

Basic Statistical Measures			
Location		Variability	
Mean	1647.502	Std Deviation	3061
Median	1416.000	Variance	9367213
Mode	1260.000	Range	154660
		Interquartile Range	637.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	32.4365	Pr > t	<.0001
Sign	M	1815.5	Pr >= M	<.0001
Signed Rank	S	3296948	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	154840
99%	4841
95%	2541
90%	2186
75% Q3	1771
50% Median	1416
25% Q1	1134
10%	920
5%	797
1%	570
0% Min	180

The UNIVARIATE Procedure

Variable: LAALYMP (ABSOLUTE LYMPHOCYTES, CELLS/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
180	585	22000	3282
283	2069	38947	3083
302	1407	49737	549
324	2719	52488	2109
367	1490	154840	1439

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LAAMONO (ABSOLUTE MONOCYTES, CELLS/MCL)

Moments			
N	3631	Sum Weights	3631
Mean	489.88791	Sum Observations	1778783
Std Deviation	183.594509	Variance	33706.9436
Skewness	2.09334192	Kurtosis	12.9038452
Uncorrected SS	993760491	Corrected SS	122356205
Coeff Variation	37.4768401	Std Error Mean	3.04681835

Basic Statistical Measures			
Location		Variability	
Mean	489.8879	Std Deviation	183.59451
Median	462.0000	Variance	33707
Mode	441.0000	Range	2592
		Interquartile Range	200.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	160.7867	Pr > t	<.0001
Sign	M	1815	Pr >= M	<.0001
Signed Rank	S	3295133	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	2592
99%	1050
95%	800
90%	705
75% Q3	572
50% Median	462
25% Q1	372
10%	301
5%	264
1%	181
0% Min	0

The UNIVARIATE Procedure

Variable: LAAMONO (ABSOLUTE MONOCYTES, CELLS/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	1439	1891	2537
20	402	1972	3083
25	157	2191	549
55	173	2225	823
78	1188	2592	2109

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LAAEOSI (ABSOLUTE EOSINOPHILS, CELLS/MCL)

Moments			
N	3631	Sum Weights	3631
Mean	201.722666	Sum Observations	732455
Std Deviation	151.328146	Variance	22900.2076
Skewness	2.40907717	Kurtosis	11.1631173
Uncorrected SS	230880529	Corrected SS	83127753.7
Coeff Variation	75.0179187	Std Error Mean	2.5113462

Basic Statistical Measures			
Location		Variability	
Mean	201.7227	Std Deviation	151.32815
Median	165.0000	Variance	22900
Mode	112.0000	Range	1903
		Interquartile Range	154.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	80.32452	Pr > t	<.0001
Sign	M	1800	Pr >= M	<.0001
Signed Rank	S	3240900	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	1903
99%	777
95%	494
90%	375
75% Q3	258
50% Median	165
25% Q1	104
10%	63
5%	45
1%	9
0% Min	0

The UNIVARIATE Procedure

Variable: LAEOSI (ABSOLUTE EOSINOPHILS, CELLS/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3289	1165	981
0	3282	1175	54
0	3232	1224	3271
0	3083	1296	2109
0	2849	1903	738

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LAABASO (ABSOLUTE BASOPHILS, CELLS/MCL)

Moments			
N	3631	Sum Weights	3631
Mean	25.5367667	Sum Observations	92724
Std Deviation	21.0709731	Variance	443.985907
Skewness	2.17596612	Kurtosis	12.0043086
Uncorrected SS	3979540	Corrected SS	1611668.84
Coeff Variation	82.5122981	Std Error Mean	0.34968054

Basic Statistical Measures			
Location		Variability	
Mean	25.53677	Std Deviation	21.07097
Median	22.00000	Variance	443.98591
Mode	0.00000	Range	275.00000
		Interquartile Range	22.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	73.02885	Pr > t	<.0001
Sign	M	1592	Pr >= M	<.0001
Signed Rank	S	2535260	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	275
99%	95
95%	63
90%	51
75% Q3	34
50% Median	22
25% Q1	12
10%	0
5%	0
1%	0
0% Min	0

The UNIVARIATE Procedure

Variable: LAABASO (ABSOLUTE BASOPHILS, CELLS/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3412	171	735
0	3367	172	2076
0	3289	189	1386
0	3274	211	3424
0	3236	275	3282

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LAABAND (ABSOLUTE BANDS, CELLS/MCL)

Moments			
N	3631	Sum Weights	3631
Mean	0.83778573	Sum Observations	3042
Std Deviation	28.0413088	Variance	786.315002
Skewness	42.6777814	Kurtosis	1980.72686
Uncorrected SS	2856872	Corrected SS	2854323.46
Coeff Variation	3347.07404	Std Error Mean	0.46535583

Basic Statistical Measures			
Location		Variability	
Mean	0.837786	Std Deviation	28.04131
Median	0.000000	Variance	786.31500
Mode	0.000000	Range	1415
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.800312	Pr > t	0.0719
Sign	M	3.5	Pr >= M	0.0156
Signed Rank	S	14	Pr >= S	0.0156

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	1415
99%	0
95%	0
90%	0
75% Q3	0
50% Median	0
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

The UNIVARIATE Procedure

Variable: LAABAND (ABSOLUTE BANDS, CELLS/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3636	96	2649
0	3635	275	3282
0	3634	325	1892
0	3633	810	1525
0	3632	1415	2069

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LAAMETA (ABSOLUTE METAMYELOCYTES, CELLS/MCL)

Moments			
N	3631	Sum Weights	3631
Mean	0.01129166	Sum Observations	41
Std Deviation	0.68041007	Variance	0.46295786
Skewness	60.2577796	Kurtosis	3631
Uncorrected SS	1681	Corrected SS	1680.53704
Coeff Variation	6025.77796	Std Error Mean	0.01129166

Basic Statistical Measures			
Location		Variability	
Mean	0.011292	Std Deviation	0.68041
Median	0.000000	Variance	0.46296
Mode	0.000000	Range	41.00000
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1	Pr > t	0.3174
Sign	M	0.5	Pr >= M	1.0000
Signed Rank	S	0.5	Pr >= S	1.0000

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	41
99%	0
95%	0
90%	0
75% Q3	0
50% Median	0
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

The UNIVARIATE Procedure

Variable: LAAMETA (ABSOLUTE METAMYELOCYTES, CELLS/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3636	0	3633
0	3635	0	3634
0	3634	0	3635
0	3633	0	3636
0	3632	41	1772

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

The UNIVARIATE Procedure

Variable: LAARALY (ABSOLUTE REACTIVE LYMPH, CELLS/MCL)

Moments			
N	3631	Sum Weights	3631
Mean	1.77912421	Sum Observations	6460
Std Deviation	83.9813485	Variance	7052.8669
Skewness	56.3271257	Kurtosis	3277.30401
Uncorrected SS	25613400	Corrected SS	25601906.9
Coeff Variation	4720.3758	Std Error Mean	1.39370135

Basic Statistical Measures			
Location		Variability	
Mean	1.779124	Std Deviation	83.98135
Median	0.000000	Variance	7053
Mode	0.000000	Range	4930
		Interquartile Range	0

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1.276546	Pr > t	0.2018
Sign	M	2	Pr >= M	0.1250
Signed Rank	S	5	Pr >= S	0.1250

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	4930
99%	0
95%	0
90%	0
75% Q3	0
50% Median	0
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

The UNIVARIATE Procedure

Variable: LAARALY (ABSOLUTE REACTIVE LYMPH, CELLS/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3636	0	3636
0	3635	160	1585
0	3634	270	1525
0	3633	1100	3282
0	3632	4930	3083

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00

UNIVARIATES FOR MROS VISIT3 C3AUG11

The UNIVARIATE Procedure

Variable: LAAOTHE (ABSOLUTE OTHER WBC, CELLS/MCL)

Moments			
N	3631	Sum Weights	3631
Mean	0.32222528	Sum Observations	1170
Std Deviation	19.41658	Variance	377.00358
Skewness	60.2577796	Kurtosis	3631
Uncorrected SS	1368900	Corrected SS	1368523
Coeff Variation	6025.77796	Std Error Mean	0.32222528

Basic Statistical Measures			
Location		Variability	
Mean	0.322225	Std Deviation	19.41658
Median	0.000000	Variance	377.00358
Mode	0.000000	Range	1170
		Interquartile Range	0

Tests for Location: Mu0=0			
Test	Statistic		p Value
Student's t	t	1	Pr > t 0.3174
Sign	M	0.5	Pr >= M 1.0000
Signed Rank	S	0.5	Pr >= S 1.0000

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	1170
99%	0
95%	0
90%	0
75% Q3	0
50% Median	0
25% Q1	0
10%	0
5%	0
1%	0
0% Min	0

The UNIVARIATE Procedure

Variable: LAAOTHE (ABSOLUTE OTHER WBC, CELLS/MCL)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	3636	0	3633
0	3635	0	3634
0	3634	0	3635
0	3633	0	3636
0	3632	1170	1315

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
A	5	0.14	100.00