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Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Medical & Biostat Research

For several years, Minimax Consulting has been providing services to medical researchers as well as to clients in the pharmaceutical and supplement industry. We have assisted dozens of multinational businesses and hundreds of medical and pharmaceutical researchers.

Author of the report: Clark Guo

Director of Academic Research; Head of Econometrics

Clark joined Minimax as an Associate Quantitative Analyst after receiving his MS in Economics from Boston University. Prior to that, he received his BS from Caltech in both Mathematics and Economics. Clark is a member in good standing of the American Statistical Association. He was first promoted to Assistant Director of Quantitative Research, before taking on his new position as Director of Academic Research and Head of Econometrics. His main research interests lie in financial modeling, computational efficiency methodology, R-stats programming, and statistical arbitrage.

Mission:

- Analysis of the raw data of the medical studies.
- Database of 600 supposed healthy subjects.

Objective of the statistical analysis

- To provide the normal range of the EIS conductivity measurements.

Convention:

- EIS Pathway = R

Report on 09/06/2010

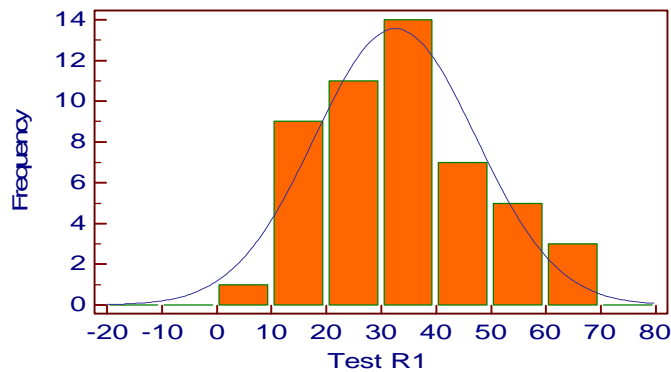
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R1: From left forehead to left hand

All the values have been analyzed in the numeric form from 0-100

Variable	Range A1:A600
Sample size	600
Lowest value	8.0000
Highest value	63.0000
Arithmetic mean	32.5400
95% CI for the mean	28.3591 to 36.7209
Median	31.5000
95% CI for the median	24.0000 to 36.3966
Variance	216.4167
Standard deviation	14.7111
Relative standard deviation	0.4521 (45.21%)
Standard error of the mean	2.0805
Coefficient of Skewness	0.3692 (P=0.2589)
Coefficient of Kurtosis	-0.6275 (P=0.2889)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3013)

Percentiles		95% Confidence Interval
2.5	9.5000	
5	11.0000	
10	13.5000	9.6054 to 18.9795
25	20.0000	15.5628 to 24.4002
75	43.0000	35.7999 to 51.4372
90	55.0000	44.0615 to 62.1973
95	61.0000	
97.5	62.2500	



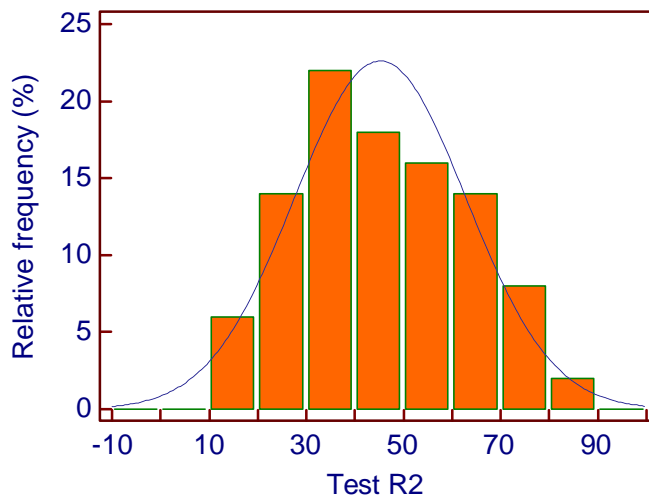
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R2: From left hand to left forehead

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	14.0000
Highest value	84.0000
Arithmetic mean	45.2000
95% CI for the mean	40.1837 to 50.2163
Median	43.0000
95% CI for the median	38.0000 to 51.3966
Variance	311.5510
Standard deviation	17.6508
Relative standard deviation	0.3905 (39.05%)
Standard error of the mean	2.4962
Coefficient of Skewness	0.2550 (P=0.4307)
Coefficient of Kurtosis	-0.6228 (P=0.2913)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.4201)

Percentiles		95% Confidence Interval
2.5	14.7500	
5	19.0000	
10	22.5000	14.8027 to 28.9181
25	34.0000	24.2814 to 38.0000
75	58.0000	51.0000 to 64.4372
90	69.5000	62.0205 to 79.9865
95	77.0000	
97.5	80.2500	



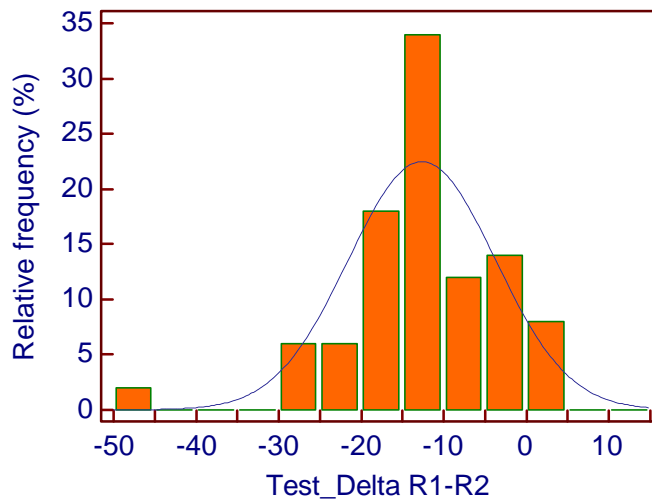
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Delta R1-R2

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-48.0000
Highest value	2.0000
Arithmetic mean	-12.6600
95% CI for the mean	-15.1828 to -10.1372
Median	-12.5000
95% CI for the median	-14.0000 to -11.0000
Variance	78.8004
Standard deviation	8.8770
Relative standard deviation	-0.7012 (-70.12%)
Standard error of the mean	1.2554
Coefficient of Skewness	-1.2629 (P=0.0009)
Coefficient of Kurtosis	4.0182 (P=0.0017)
D'Agostino-Pearson test for Normal distribution	reject Normality (P<0.0001)

Percentiles		95% Confidence Interval
2.5	-33.7500	
5	-28.0000	
10	-21.5000	-32.7485 to -18.0000
25	-16.0000	-20.4372 to -14.0000
75	-6.0000	-11.0000 to -2.5628
90	-1.5000	-4.9795 to 0.3946
95	0.0000	
97.5	0.5000	

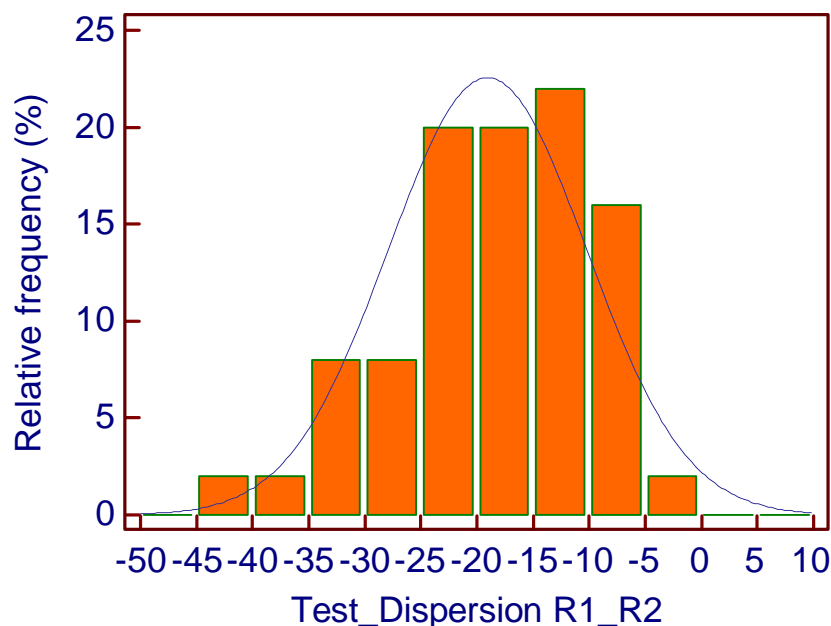


Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Dispersion R1/R2 Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-43.0000
Highest value	-5.0000
Arithmetic mean	-19.0600
95% CI for the mean	-21.5742 to -16.5458
Median	-19.0000
95% CI for the median	-21.3966 to -14.6034
Variance	78.2616
Standard deviation	8.8466
Relative standard deviation	-0.4641 (-46.41%)
Standard error of the mean	1.2511
Coefficient of Skewness	-0.5944 (P=0.0776)
Coefficient of Kurtosis	-0.05275 (P=0.7619)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.2012)

Percentiles		95% Confidence Interval
2.5	-38.5000	
5	-35.0000	
10	-33.5000	-38.1837 to -26.0000
25	-25.0000	-27.7186 to -21.0000
75	-12.0000	-15.0000 to -9.2814
90	-8.0000	-10.9795 to -5.8027
95	-7.0000	
97.5	-5.7500	



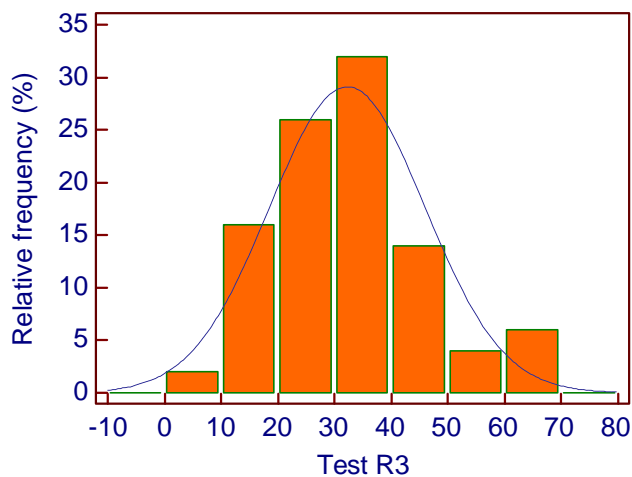
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R3: From right forehead to right hand

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	4.0000
Highest value	68.0000
Arithmetic mean	32.2400
95% CI for the mean	28.3447 to 36.1353
Median	31.0000
95% CI for the median	25.6034 to 35.0000
Variance	187.8596
Standard deviation	13.7062
Relative standard deviation	0.4251 (42.51%)
Standard error of the mean	1.9383
Coefficient of Skewness	0.6631 (P=0.0515)
Coefficient of Kurtosis	0.5463 (P=0.3329)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.0939)

Percentiles		95% Confidence Interval
2.5	9.2500	
5	14.0000	
10	17.5000	9.6190 to 19.9795
25	22.0000	19.0000 to 26.0000
75	39.0000	35.0000 to 44.7186
90	49.5000	42.0205 to 67.1973
95	60.0000	
97.5	67.2500	



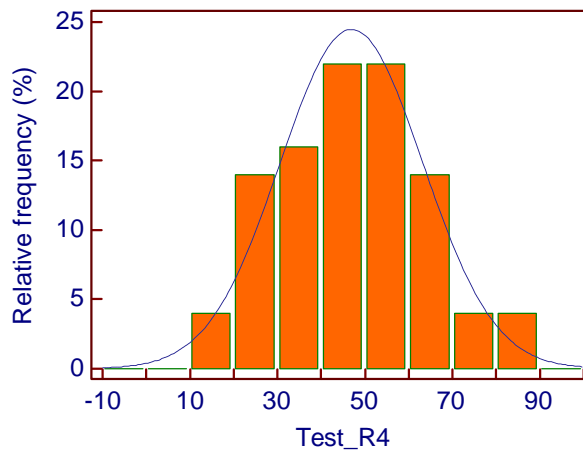
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R4: From right hand to right forehead

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	13.0000
Highest value	84.0000
Arithmetic mean	46.9200
95% CI for the mean	42.2842 to 51.5558
Median	44.5000
95% CI for the median	40.6034 to 53.3966
Variance	266.0751
Standard deviation	16.3118
Relative standard deviation	0.3477 (34.77%)
Standard error of the mean	2.3068
Coefficient of Skewness	0.1434 (P=0.6554)
Coefficient of Kurtosis	-0.4197 (P=0.4146)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.6490)

Percentiles		95% Confidence Interval
2.5	16.0000	
5	23.0000	
10	26.5000	16.2108 to 30.9590
25	37.0000	27.0000 to 41.0000
75	58.0000	52.7999 to 65.0000
90	66.5000	62.0615 to 81.5919
95	74.0000	
97.5	81.7500	



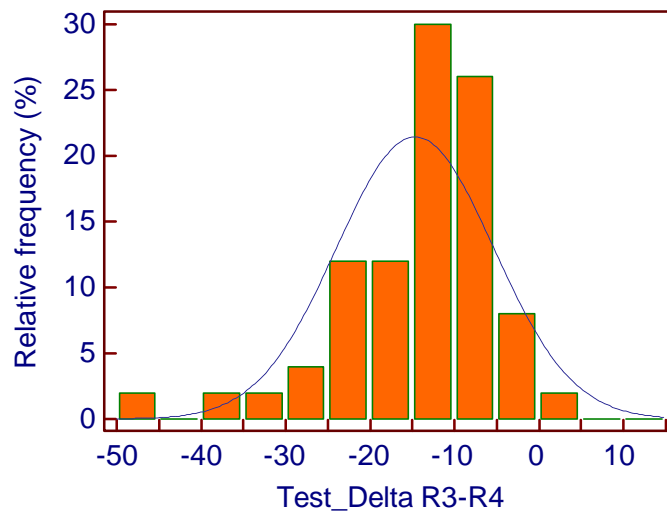
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Delta R3-R4

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-49.0000
Highest value	0.0000
Arithmetic mean	-14.6800
95% CI for the mean	-17.3245 to -12.0355
Median	-12.5000
95% CI for the median	-14.0000 to -10.6034
Variance	86.5894
Standard deviation	9.3053
Relative standard deviation	-0.6339 (-63.39%)
Standard error of the mean	1.3160
Coefficient of Skewness	-1.4218 (P=0.0003)
Coefficient of Kurtosis	2.9897 (P=0.0064)
D'Agostino-Pearson test for Normal distribution	reject Normality (P<0.0001)

Percentiles		95% Confidence Interval
2.5	-40.7500	
5	-31.0000	
10	-25.5000	-40.1702 to -23.0000
25	-19.0000	-24.0000 to -14.0000
75	-9.0000	-11.0000 to -6.0000
90	-5.0000	-8.9795 to -1.6054
95	-3.0000	
97.5	-1.5000	



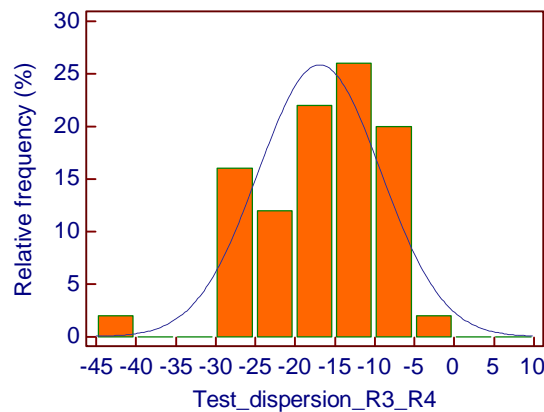
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Dispersion R3/R4

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-41.0000
Highest value	-5.0000
Arithmetic mean	-16.9200
95% CI for the mean	-19.1130 to -14.7270
Median	-16.0000
95% CI for the median	-18.3966 to -12.0000
Variance	59.5445
Standard deviation	7.7165
Relative standard deviation	-0.4561 (-45.61%)
Standard error of the mean	1.0913
Coefficient of Skewness	-0.6707 (P=0.0491)
Coefficient of Kurtosis	0.3444 (P=0.4717)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.1114)

Percentiles		95% Confidence Interval
2.5	-32.7500	
5	-28.0000	
10	-27.0000	-32.1702 to -25.0205
25	-23.0000	-26.7186 to -18.0000
75	-12.0000	-12.4002 to -8.0000
90	-8.0000	-9.0000 to -5.8027
95	-7.0000	
97.5	-5.7500	



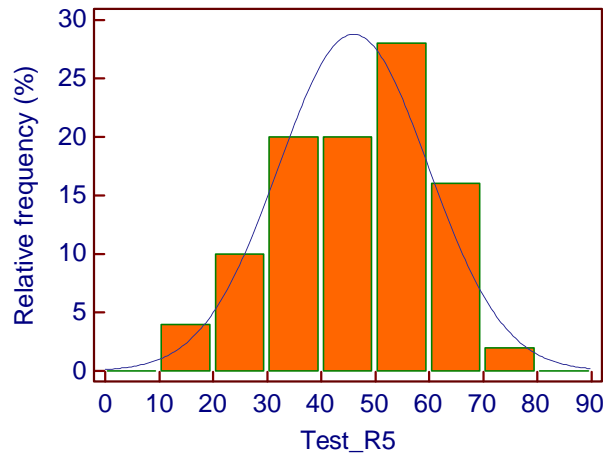
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R5: From left hand to left foot

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	13.0000
Highest value	71.0000
Arithmetic mean	45.9600
95% CI for the mean	42.0191 to 49.9009
Median	47.0000
95% CI for the median	41.8102 to 52.3966
Variance	192.2841
Standard deviation	13.8667
Relative standard deviation	0.3017 (30.17%)
Standard error of the mean	1.9610
Coefficient of Skewness	-0.2892 (P=0.3729)
Coefficient of Kurtosis	-0.6225 (P=0.2915)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3854)

Percentiles		95% Confidence Interval
2.5	16.0000	
5	25.0000	
10	28.5000	16.2108 to 31.9795
25	34.0000	29.2814 to 43.2001
75	57.0000	52.0000 to 61.7186
90	64.0000	59.0205 to 67.7892
95	66.0000	
97.5	68.0000	



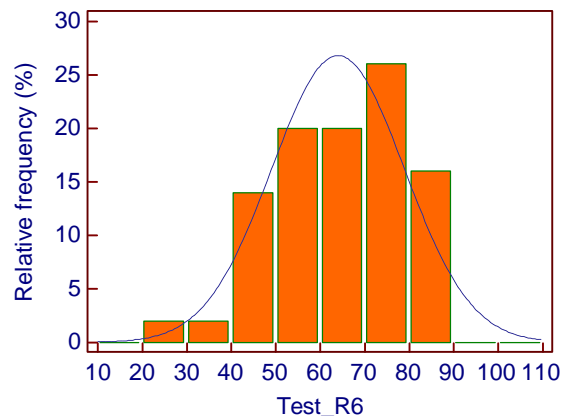
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R6: From left foot to left hand

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	20.0000
Highest value	89.0000
Arithmetic mean	63.9800
95% CI for the mean	59.7481 to 68.2119
Median	66.5000
95% CI for the median	58.2068 to 70.0000
Variance	221.7343
Standard deviation	14.8907
Relative standard deviation	0.2327 (23.27%)
Standard error of the mean	2.1059
Coefficient of Skewness	-0.4566 (P=0.1670)
Coefficient of Kurtosis	0.1641 (P=0.6374)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3444)

Percentiles		95% Confidence Interval
2.5	31.2500	
5	43.0000	
10	45.5000	32.0406 to 51.9385
25	53.0000	47.2814 to 59.2001
75	75.0000	70.0000 to 81.0000
90	84.0000	78.0205 to 88.1973
95	86.0000	
97.5	88.2500	



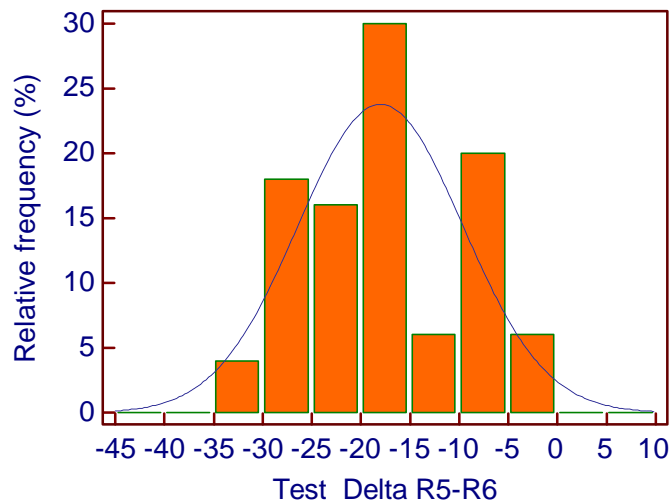
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Delta R5-R6

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-33.0000
Highest value	-1.0000
Arithmetic mean	-18.0200
95% CI for the mean	-20.4050 to -15.6350
Median	-19.0000
95% CI for the median	-21.0000 to -18.0000
Variance	70.4282
Standard deviation	8.3921
Relative standard deviation	-0.4657 (-46.57%)
Standard error of the mean	1.1868
Coefficient of Skewness	0.3255 (P=0.3174)
Coefficient of Kurtosis	-0.8130 (P=0.2086)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.2752)

Percentiles		95% Confidence Interval
2.5	-31.5000	
5	-30.0000	
10	-28.5000	-31.3946 to -26.0000
25	-25.0000	-27.7186 to -20.7999
75	-10.0000	-18.0000 to -7.0000
90	-6.5000	-7.9795 to -1.8027
95	-3.0000	
97.5	-1.7500	



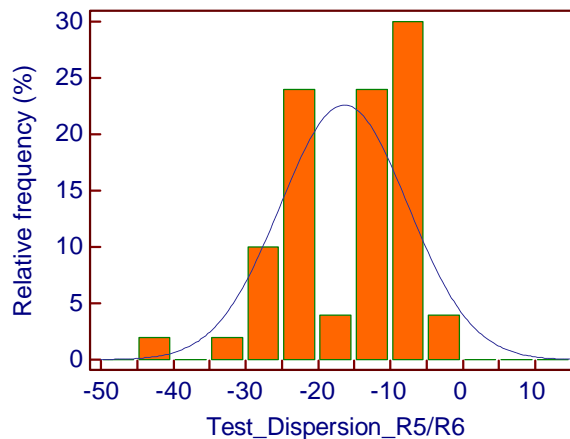
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Dispersion R5-R6

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-45.0000
Highest value	-4.0000
Arithmetic mean	-16.4000
95% CI for the mean	-18.9080 to -13.8920
Median	-14.0000
95% CI for the median	-21.3966 to -11.6034
Variance	77.8776
Standard deviation	8.8248
Relative standard deviation	-0.5381 (-53.81%)
Standard error of the mean	1.2480
Coefficient of Skewness	-0.8115 (P=0.0201)
Coefficient of Kurtosis	0.5598 (P=0.3252)
D'Agostino-Pearson test for Normal distribution	reject Normality (P=0.0414)

Percentiles		95% Confidence Interval
2.5	-35.2500	
5	-30.0000	
10	-27.5000	-34.5648 to -25.0000
25	-23.0000	-25.7186 to -20.3997
75	-9.0000	-12.2001 to -7.0000
90	-6.5000	-8.0000 to -4.8027
95	-6.0000	
97.5	-4.7500	



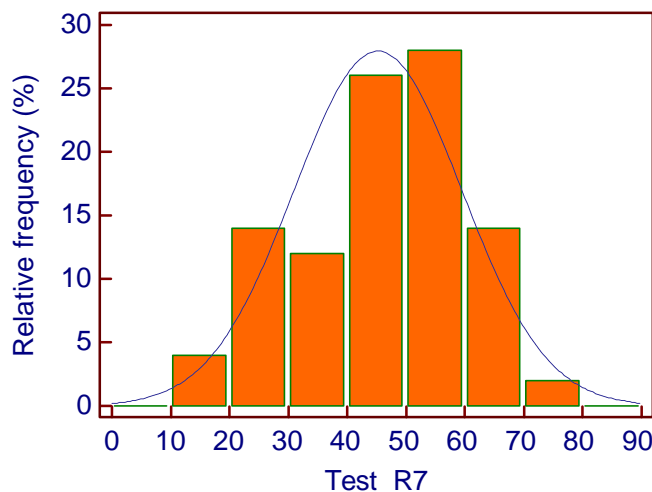
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R7: From right hand to right foot

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	12.0000
Highest value	72.0000
Arithmetic mean	45.2000
95% CI for the mean	41.1409 to 49.2591
Median	47.0000
95% CI for the median	41.0000 to 51.0000
Variance	204.0000
Standard deviation	14.2829
Relative standard deviation	0.3160 (31.60%)
Standard error of the mean	2.0199
Coefficient of Skewness	-0.3678 (P=0.2607)
Coefficient of Kurtosis	-0.5589 (P=0.3257)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3277)

Percentiles		95% Confidence Interval
2.5	13.5000	
5	23.0000	
10	27.0000	13.6054 to 29.9795
25	33.0000	27.2814 to 41.0000
75	57.0000	50.7999 to 60.7186
90	63.0000	59.0000 to 67.1837
95	65.0000	
97.5	67.5000	



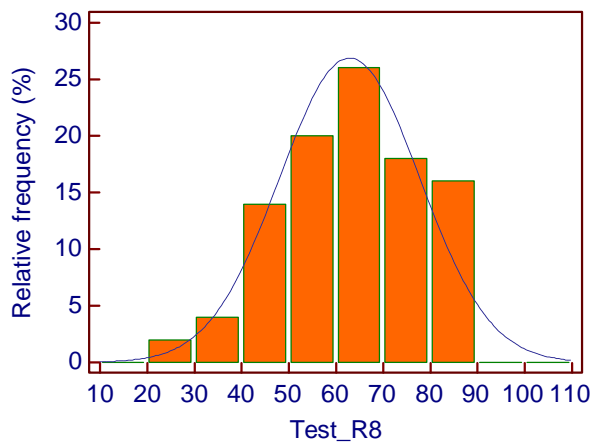
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R8 : From right foot to right hand

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	25.0000
Highest value	88.0000
Arithmetic mean	62.8800
95% CI for the mean	58.6621 to 67.0979
Median	63.5000
95% CI for the median	58.0000 to 69.0000
Variance	220.2710
Standard deviation	14.8415
Relative standard deviation	0.2360 (23.60%)
Standard error of the mean	2.0989
Coefficient of Skewness	-0.4344 (P=0.1873)
Coefficient of Kurtosis	-0.2003 (P=0.6006)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3656)

Percentiles		95% Confidence Interval
2.5	30.2500	
5	32.0000	
10	45.0000	30.6190 to 48.9795
25	53.0000	46.2814 to 58.2001
75	75.0000	68.7999 to 81.4372
90	82.5000	78.0205 to 84.7892
95	84.0000	
97.5	85.0000	



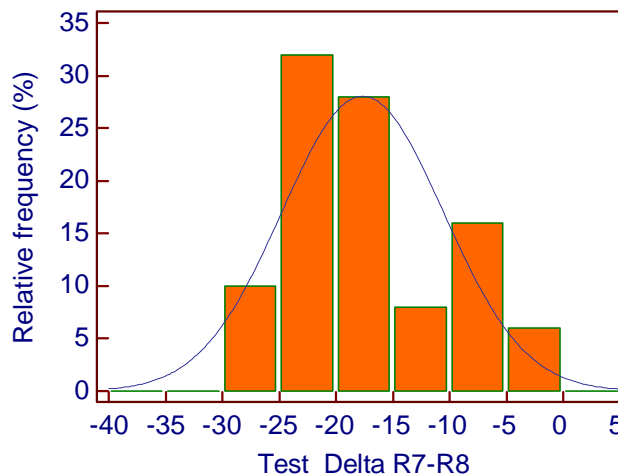
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Delta R7-R8

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-29.0000
Highest value	-4.0000
Arithmetic mean	-17.6800
95% CI for the mean	-19.7022 to -15.6578
Median	-19.0000
95% CI for the median	-21.0000 to -17.0000
Variance	50.6302
Standard deviation	7.1155
Relative standard deviation	-0.4025 (-40.25%)
Standard error of the mean	1.0063
Coefficient of Skewness	0.4863 (P=0.1426)
Coefficient of Kurtosis	-0.8868 (P=0.1832)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.1408)

Percentiles		95% Confidence Interval
2.5	-29.0000	
5	-27.0000	
10	-25.5000	-29.0000 to -24.0000
25	-24.0000	-24.7186 to -21.0000
75	-12.0000	-17.0000 to -7.2814
90	-6.5000	-8.0000 to -4.8027
95	-5.0000	
97.5	-4.7500	



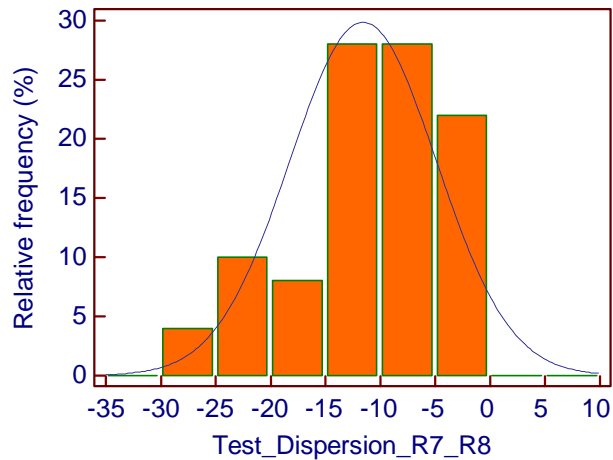
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Dispersion R7/R8

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-28.0000
Highest value	-3.0000
Arithmetic mean	-11.5800
95% CI for the mean	-13.4792 to -9.6808
Median	-11.0000
95% CI for the median	-13.3966 to -7.0000
Variance	44.6567
Standard deviation	6.6826
Relative standard deviation	-0.5771 (-57.71%)
Standard error of the mean	0.9451
Coefficient of Skewness	-0.7675 (P=0.0267)
Coefficient of Kurtosis	-0.2577 (P=0.5460)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.0717)

Percentiles		95% Confidence Interval
2.5	-26.5000	
5	-25.0000	
10	-23.0000	-26.3946 to -17.0000
25	-15.0000	-20.7186 to -13.0000
75	-7.0000	-7.2001 to -4.0000
90	-4.0000	-5.0000 to -3.8027
95	-4.0000	
97.5	-3.7500	



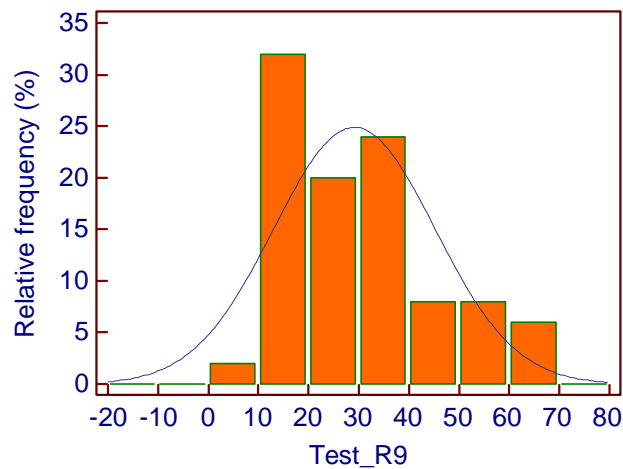
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R9 : From left forehead to right forehead

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	1.0000
Highest value	67.0000
Arithmetic mean	29.1200
95% CI for the mean	24.5643 to 33.6757
Median	25.5000
95% CI for the median	20.0000 to 34.3966
Variance	256.9649
Standard deviation	16.0301
Relative standard deviation	0.5505 (55.05%)
Standard error of the mean	2.2670
Coefficient of Skewness	0.6800 (P=0.0464)
Coefficient of Kurtosis	-0.1607 (P=0.6409)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.1234)

Percentiles		95% Confidence Interval
2.5	7.7500	
5	10.0000	
10	11.5000	8.2244 to 14.0000
25	15.0000	12.2814 to 20.4002
75	38.0000	33.7999 to 49.1558
90	53.0000	42.0205 to 66.1973
95	65.0000	
97.5	66.2500	



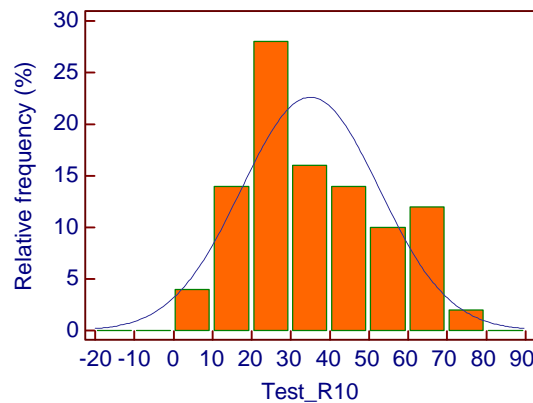
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R10 ; from right forehead to left forehead

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	6.0000
Highest value	70.0000
Arithmetic mean	35.0000
95% CI for the mean	29.9883 to 40.0117
Median	31.5000
95% CI for the median	24.2068 to 40.0000
Variance	310.9796
Standard deviation	17.6346
Relative standard deviation	0.5038 (50.38%)
Standard error of the mean	2.4939
Coefficient of Skewness	0.4063 (P=0.2160)
Coefficient of Kurtosis	-1.0038 (P=0.1493)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.1645)

Percentiles		95% Confidence Interval
2.5	7.5000	
5	12.0000	
10	16.0000	7.6054 to 19.9795
25	20.0000	17.5628 to 25.0000
75	49.0000	39.7999 to 60.3117
90	63.5000	54.0410 to 65.9865
95	65.0000	
97.5	66.2500	



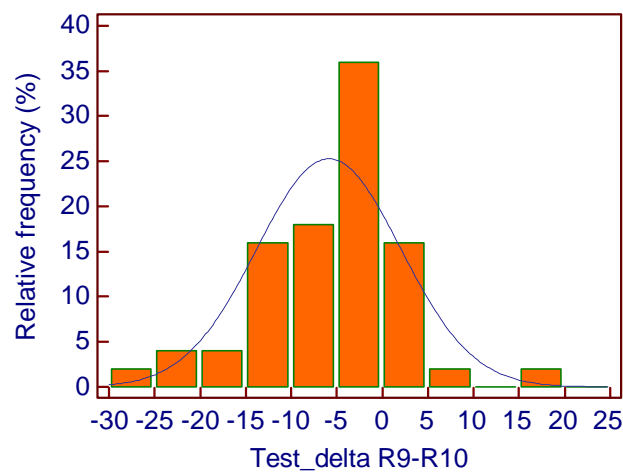
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Delta 9-10

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-27.0000
Highest value	19.0000
Arithmetic mean	-5.8800
95% CI for the mean	-8.1219 to -3.6381
Median	-5.0000
95% CI for the median	-7.0000 to -2.0000
Variance	62.2302
Standard deviation	7.8886
Relative standard deviation	-1.3416 (-134.16%)
Standard error of the mean	1.1156
Coefficient of Skewness	-0.1255 (P=0.6960)
Coefficient of Kurtosis	1.6432 (P=0.0501)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.1359)

Percentiles		95% Confidence Interval
2.5	-23.2500	
5	-22.0000	
10	-15.0000	-22.9865 to -13.0205
25	-11.0000	-14.0000 to -6.7999
75	-1.0000	-2.2001 to 1.0000
90	2.0000	0.0000 to 7.7621
95	3.0000	
97.5	8.5000	



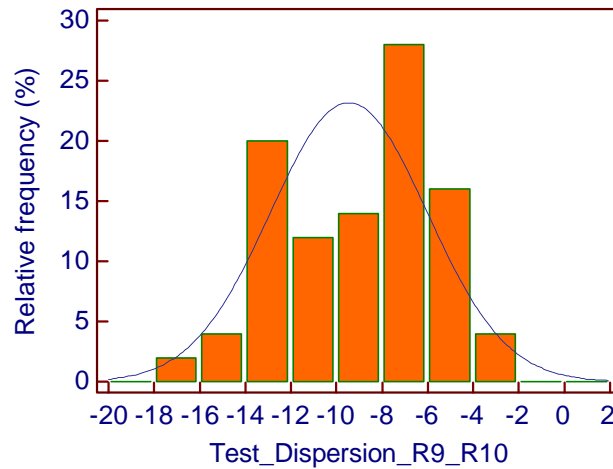
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Dispersion R9/R10

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-17.0000
Highest value	-3.0000
Arithmetic mean	-9.4600
95% CI for the mean	-10.4381 to -8.4819
Median	-9.0000
95% CI for the median	-11.0000 to -8.0000
Variance	11.8453
Standard deviation	3.4417
Relative standard deviation	-0.3638 (-36.38%)
Standard error of the mean	0.4867
Coefficient of Skewness	-0.2113 (P=0.5125)
Coefficient of Kurtosis	-0.7790 (P=0.2214)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3822)

Percentiles		95% Confidence Interval
2.5	-16.2500	
5	-15.0000	
10	-14.0000	-16.1973 to -13.0000
25	-13.0000	-13.7186 to -10.7999
75	-7.0000	-8.0000 to -6.0000
90	-5.0000	-6.0000 to -3.0000
95	-5.0000	
97.5	-3.0000	



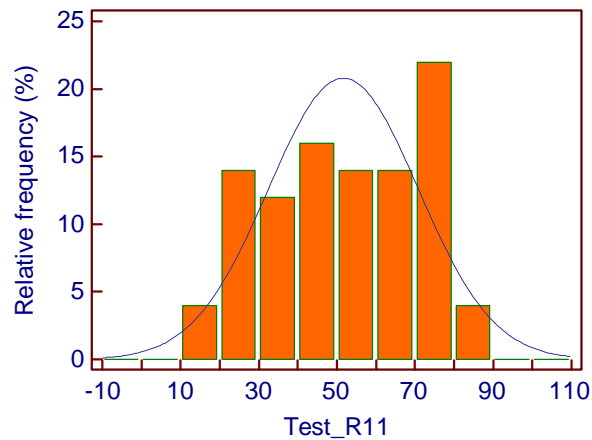
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R11= From left hand to right hand

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	15.0000
Highest value	81.0000
Arithmetic mean	51.6600
95% CI for the mean	46.2077 to 57.1123
Median	53.0000
95% CI for the median	45.6034 to 62.0000
Variance	368.0657
Standard deviation	19.1850
Relative standard deviation	0.3714 (37.14%)
Standard error of the mean	2.7132
Coefficient of Skewness	-0.2587 (P=0.4241)
Coefficient of Kurtosis	-1.1088 (P=0.1243)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.2230)

Percentiles		95% Confidence Interval
2.5	15.7500	
5	22.0000	
10	23.5000	15.8027 to 29.9795
25	35.0000	27.0000 to 46.2001
75	70.0000	61.5998 to 74.4372
90	75.0000	71.0205 to 80.1973
95	78.0000	
97.5	80.2500	



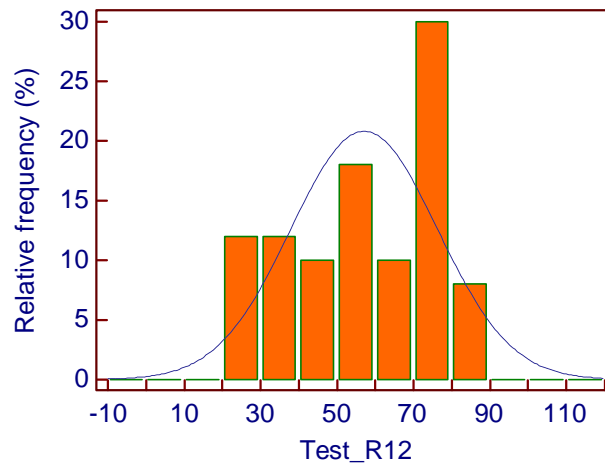
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R12= From right hand to left hand

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	20.0000
Highest value	85.0000
Arithmetic mean	57.0600
95% CI for the mean	51.6108 to 62.5092
Median	58.0000
95% CI for the median	50.6034 to 71.3966
Variance	367.6494
Standard deviation	19.1742
Relative standard deviation	0.3360 (33.60%)
Standard error of the mean	2.7116
Coefficient of Skewness	-0.2903 (P=0.3710)
Coefficient of Kurtosis	-1.1848 (P=0.1090)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.1855)

Percentiles		95% Confidence Interval
2.5	21.5000	
5	27.0000	
10	29.0000	21.6054 to 35.0000
25	41.0000	31.1255 to 51.2001
75	75.0000	69.7994 to 78.0000
90	79.0000	78.0000 to 84.1973
95	83.0000	
97.5	84.2500	



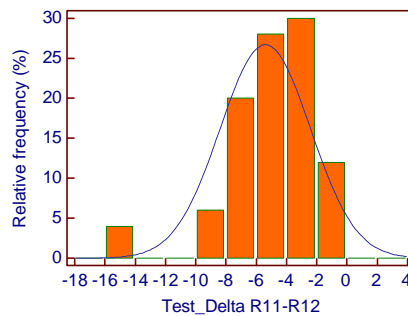
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Delta 11-12

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-16.0000
Highest value	-1.0000
Arithmetic mean	-5.4000
95% CI for the mean	-6.2497 to -4.5503
Median	-5.0000
95% CI for the median	-6.0000 to -4.0000
Variance	8.9388
Standard deviation	2.9898
Relative standard deviation	-0.5537 (-55.37%)
Standard error of the mean	0.4228
Coefficient of Skewness	-1.4853 (P=0.0002)
Coefficient of Kurtosis	3.6912 (P=0.0025)
D'Agostino-Pearson test for Normal distribution	reject Normality (P<0.0001)

Percentiles		95% Confidence Interval
2.5	-15.2500	
5	-10.0000	
10	-8.5000	-15.1973 to -7.0000
25	-7.0000	-8.0000 to -6.0000
75	-4.0000	-4.0000 to -3.0000
90	-2.0000	-3.0000 to -1.0000
95	-1.0000	
97.5	-1.0000	



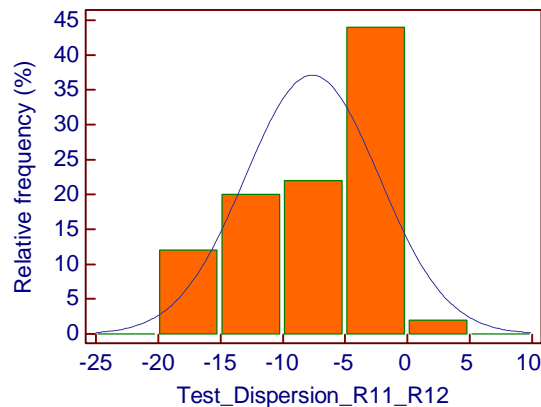
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Dispersion 11/12

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-20.0000
Highest value	0.0000
Arithmetic mean	-7.6400
95% CI for the mean	-9.1686 to -6.1114
Median	-6.0000
95% CI for the median	-9.0000 to -4.0000
Variance	28.9290
Standard deviation	5.3786
Relative standard deviation	-0.7040 (-70.40%)
Standard error of the mean	0.7606
Coefficient of Skewness	-0.5898 (P=0.0797)
Coefficient of Kurtosis	-0.6943 (P=0.2570)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.1132)

Percentiles		95% Confidence Interval
2.5	-19.2500	
5	-17.0000	
10	-16.0000	-19.1973 to -13.0000
25	-12.0000	-14.4372 to -9.0000
75	-3.0000	-4.2001 to -2.0000
90	-1.5000	-3.0000 to -0.8027
95	-1.0000	
97.5	-0.7500	



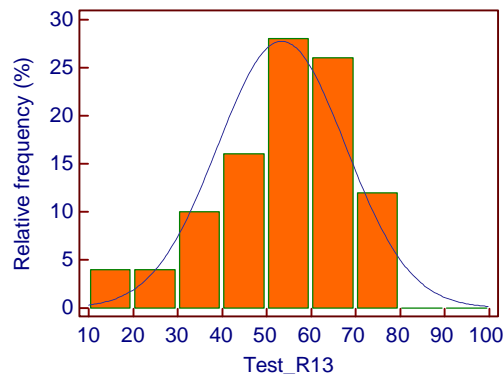
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R13 : From left foot to right foot

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	13.0000
Highest value	75.0000
Arithmetic mean	53.3600
95% CI for the mean	49.2738 to 57.4462
Median	55.5000
95% CI for the median	52.0000 to 60.3966
Variance	206.7249
Standard deviation	14.3779
Relative standard deviation	0.2695 (26.95%)
Standard error of the mean	2.0333
Coefficient of Skewness	-0.8969 (P=0.0114)
Coefficient of Kurtosis	0.5986 (P=0.3039)
D'Agostino-Pearson test for Normal distribution	reject Normality (P=0.0241)

Percentiles		95% Confidence Interval
2.5	14.5000	
5	29.0000	
10	34.0000	14.6054 to 40.9385
25	44.0000	37.2814 to 52.2001
75	63.0000	59.7999 to 67.7186
90	70.5000	66.0205 to 73.3946
95	71.0000	
97.5	73.5000	

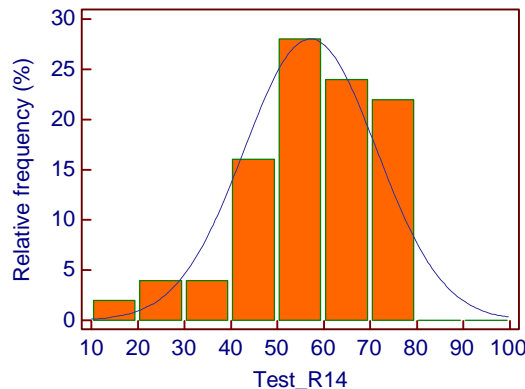


Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R14 From right foot to left foot Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	18.0000
Highest value	79.0000
Arithmetic mean	57.1000
95% CI for the mean	53.0558 to 61.1442
Median	58.0000
95% CI for the median	55.0000 to 66.0000
Variance	202.5000
Standard deviation	14.2302
Relative standard deviation	0.2492 (24.92%)
Standard error of the mean	2.0125
Coefficient of Skewness	-0.7888 (P=0.0233)
Coefficient of Kurtosis	0.2447 (P=0.5580)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.0643)

Percentiles		95% Confidence Interval
2.5	21.7500	
5	29.0000	
10	39.0000	22.0135 to 42.9795
25	49.0000	42.0000 to 55.2001
75	69.0000	65.5998 to 72.0000
90	73.0000	70.0000 to 78.1973
95	74.0000	
97.5	78.2500	



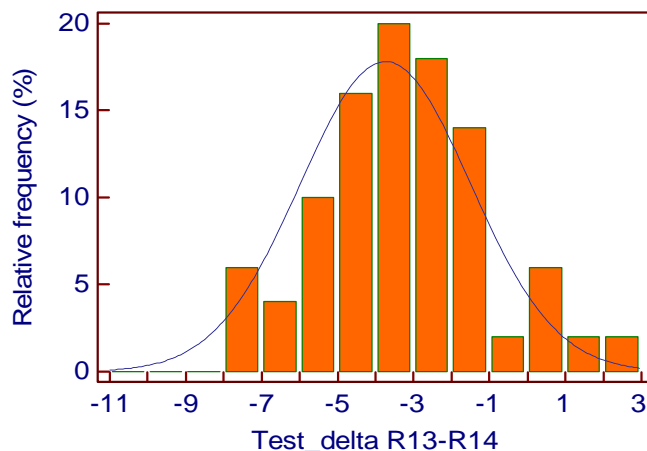
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Delta 13-14

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-8.0000
Highest value	2.0000
Arithmetic mean	-3.7400
95% CI for the mean	-4.3763 to -3.1037
Median	-4.0000
95% CI for the median	-4.3966 to -3.0000
Variance	5.0127
Standard deviation	2.2389
Relative standard deviation	-0.5986 (-59.86%)
Standard error of the mean	0.3166
Coefficient of Skewness	0.2624 (P=0.4177)
Coefficient of Kurtosis	0.1719 (P=0.6293)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.6409)

Percentiles		95% Confidence Interval
2.5	-8.0000	
5	-8.0000	
10	-6.5000	-8.0000 to -6.0000
25	-5.0000	-6.0000 to -4.0000
75	-2.0000	-3.0000 to -2.0000
90	-0.5000	-2.0000 to 1.1973
95	0.0000	
97.5	1.2500	



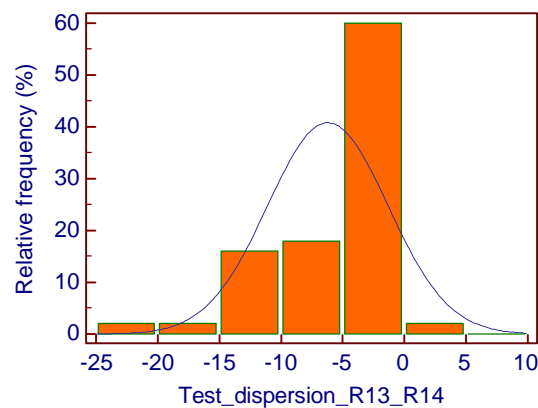
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Dispersion 13/14

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-22.0000
Highest value	0.0000
Arithmetic mean	-6.2200
95% CI for the mean	-7.6102 to -4.8298
Median	-4.0000
95% CI for the median	-6.0000 to -3.6034
Variance	23.9302
Standard deviation	4.8919
Relative standard deviation	-0.7865 (-78.65%)
Standard error of the mean	0.6918
Coefficient of Skewness	-1.2713 (P=0.0009)
Coefficient of Kurtosis	1.0900 (P=0.1284)
D'Agostino-Pearson test for Normal distribution	reject Normality (P=0.0012)

Percentiles		95% Confidence Interval
2.5	-18.2500	
5	-15.0000	
10	-14.0000	-17.9865 to -11.0205
25	-9.0000	-12.7186 to -5.7999
75	-3.0000	-4.0000 to -2.0000
90	-2.0000	-2.0000 to -0.8027
95	-1.0000	
97.5	-0.7500	



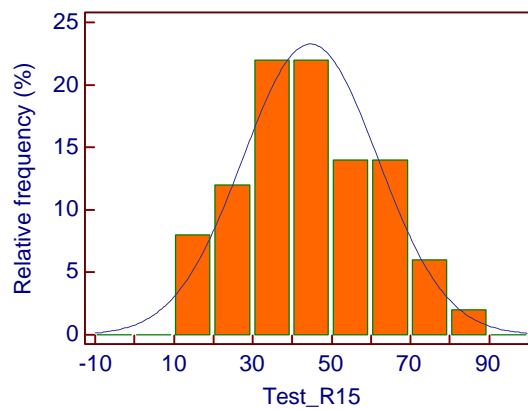
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R15 from the right hand to the left forehead

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	15.0000
Highest value	80.0000
Arithmetic mean	44.6000
95% CI for the mean	39.7284 to 49.4716
Median	43.0000
95% CI for the median	36.6034 to 48.7932
Variance	293.8367
Standard deviation	17.1417
Relative standard deviation	0.3843 (38.43%)
Standard error of the mean	2.4242
Coefficient of Skewness	0.2780 (P=0.3911)
Coefficient of Kurtosis	-0.6865 (P=0.2605)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3676)

Percentiles		95% Confidence Interval
2.5	16.5000	
5	19.0000	
10	22.5000	16.6054 to 27.0000
25	33.0000	24.2814 to 37.0000
75	58.0000	48.0000 to 64.1558
90	66.5000	62.0000 to 79.1973
95	76.0000	
97.5	79.2500	



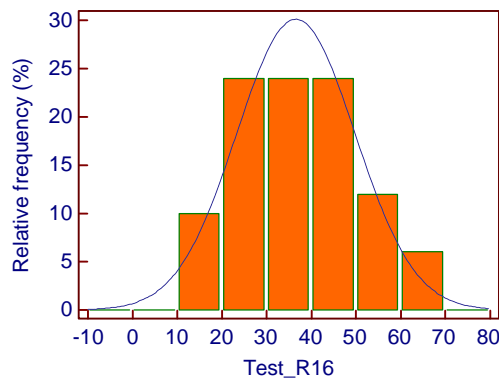
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R16 from the left forehead to the right hand

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	13.0000
Highest value	64.0000
Arithmetic mean	36.5200
95% CI for the mean	32.7540 to 40.2860
Median	35.5000
95% CI for the median	30.6034 to 41.3966
Variance	175.6016
Standard deviation	13.2515
Relative standard deviation	0.3629 (36.29%)
Standard error of the mean	1.8740
Coefficient of Skewness	0.1896 (P=0.5562)
Coefficient of Kurtosis	-0.6677 (P=0.2692)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.4568)

Percentiles		95% Confidence Interval
2.5	13.0000	
5	15.0000	
10	20.0000	13.0000 to 24.9795
25	26.0000	23.2814 to 31.2001
75	46.0000	40.7999 to 52.8745
90	55.5000	49.0205 to 62.3946
95	61.0000	
97.5	62.5000	



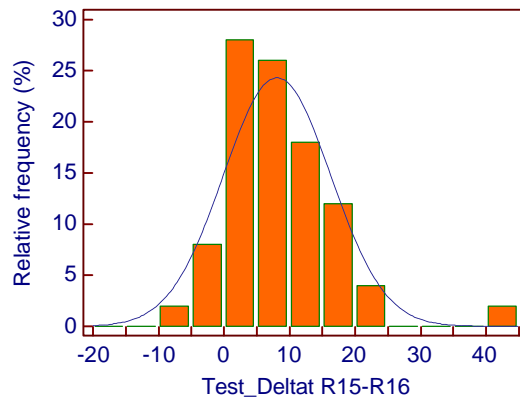
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Delta 15-16

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-6.0000
Highest value	40.0000
Arithmetic mean	8.0800
95% CI for the mean	5.7486 to 10.4114
Median	7.5000
95% CI for the median	3.6034 to 9.3966
Variance	67.2996
Standard deviation	8.2036
Relative standard deviation	1.0153 (101.53%)
Standard error of the mean	1.1602
Coefficient of Skewness	1.2766 (P=0.0008)
Coefficient of Kurtosis	3.3823 (P=0.0037)
D'Agostino-Pearson test for Normal distribution	reject Normality (P=0.0001)

Percentiles		95% Confidence Interval
2.5	-4.5000	
5	-1.0000	
10	-0.5000	-4.3946 to 0.9795
25	2.0000	0.0000 to 4.2001
75	13.0000	9.0000 to 15.0000
90	18.0000	14.0205 to 27.1567
95	22.0000	
97.5	28.0000	



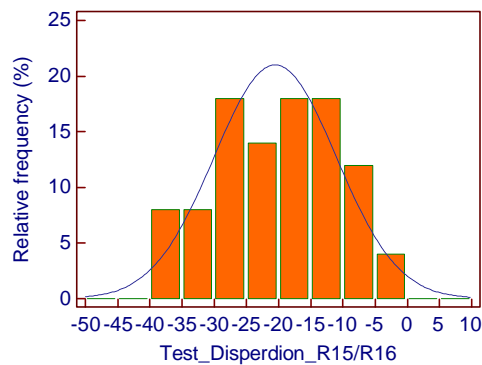
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Dispersion 15-16

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-40.0000
Highest value	-4.0000
Arithmetic mean	-20.5400
95% CI for the mean	-23.2393 to -17.8407
Median	-19.5000
95% CI for the median	-25.0000 to -16.6034
Variance	90.2127
Standard deviation	9.4980
Relative standard deviation	-0.4624 (-46.24%)
Standard error of the mean	1.3432
Coefficient of Skewness	-0.2405 (P=0.4569)
Coefficient of Kurtosis	-0.7705 (P=0.2248)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3629)

Percentiles		95% Confidence Interval
2.5	-39.2500	
5	-38.0000	
10	-33.5000	-39.1973 to -28.0205
25	-28.0000	-31.7186 to -24.5998
75	-12.0000	-17.2001 to -10.0000
90	-9.0000	-11.0000 to -4.8027
95	-6.0000	
97.5	-4.7500	



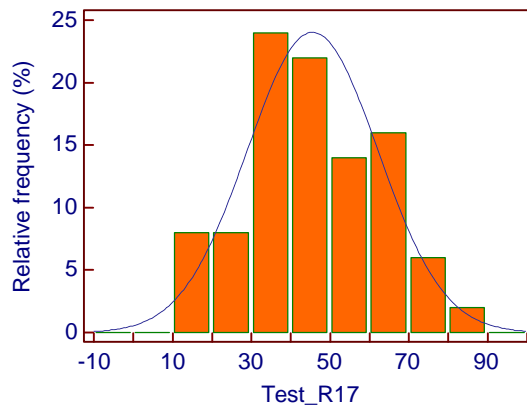
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R17 from left hand to right forehead

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	10.0000
Highest value	84.0000
Arithmetic mean	45.5200
95% CI for the mean	40.8006 to 50.2394
Median	45.5000
95% CI for the median	38.6034 to 51.1898
Variance	275.7649
Standard deviation	16.6062
Relative standard deviation	0.3648 (36.48%)
Standard error of the mean	2.3485
Coefficient of Skewness	0.07361 (P=0.8184)
Coefficient of Kurtosis	-0.2639 (P=0.5404)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.8075)

Percentiles		95% Confidence Interval
2.5	14.5000	
5	17.0000	
10	23.0000	14.8163 to 32.9590
25	34.0000	26.5628 to 39.0000
75	58.0000	49.7999 to 62.7186
90	65.0000	61.0205 to 79.9865
95	74.0000	
97.5	80.2500	



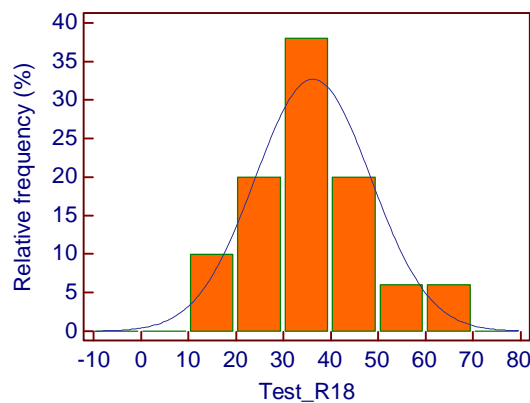
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R 18 from right forehead to left hand

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	11.0000
Highest value	67.0000
Arithmetic mean	36.2400
95% CI for the mean	32.7714 to 39.7086
Median	35.0000
95% CI for the median	31.6034 to 39.0000
Variance	148.9616
Standard deviation	12.2050
Relative standard deviation	0.3368 (33.68%)
Standard error of the mean	1.7260
Coefficient of Skewness	0.5994 (P=0.0753)
Coefficient of Kurtosis	0.5357 (P=0.3391)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.1303)

Percentiles		95% Confidence Interval
2.5	16.2500	
5	19.0000	
10	20.0000	16.6190 to 27.0000
25	27.0000	25.0000 to 32.0000
75	44.0000	38.7999 to 47.1558
90	52.0000	45.0000 to 66.1973
95	64.0000	
97.5	66.2500	



Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Delta R17-R18

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-5.0000
Highest value	45.0000
Arithmetic mean	9.2800
95% CI for the mean	6.5103 to 12.0497
Median	6.5000
95% CI for the median	5.0000 to 9.3966
Variance	94.9812
Standard deviation	9.7458
Relative standard deviation	1.0502 (105.02%)
Standard error of the mean	1.3783
Coefficient of Skewness	1.3659 (P=0.0004)
Coefficient of Kurtosis	2.6117 (P=0.0110)
D'Agostino-Pearson test for Normal distribution	reject Normality (P=0.0001)

Percentiles		95% Confidence Interval
2.5	-3.5000	
5	-2.0000	
10	-1.0000	-3.3946 to 1.9590
25	3.0000	-0.7186 to 5.2001
75	15.0000	9.0000 to 20.0000
90	21.0000	18.0410 to 33.7621
95	29.0000	
97.5	34.5000	



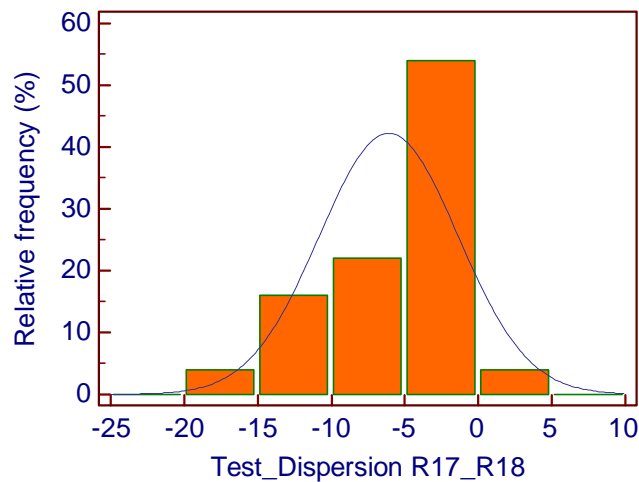
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Dispersion 17/18

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-19.0000
Highest value	2.0000
Arithmetic mean	-6.1000
95% CI for the mean	-7.4432 to -4.7568
Median	-5.0000
95% CI for the median	-6.3966 to -3.6034
Variance	22.3367
Standard deviation	4.7262
Relative standard deviation	-0.7748 (-77.48%)
Standard error of the mean	0.6684
Coefficient of Skewness	-0.9426 (P=0.0084)
Coefficient of Kurtosis	0.3612 (P=0.4584)
D'Agostino-Pearson test for Normal distribution	reject Normality (P=0.0236)

Percentiles		95% Confidence Interval
2.5	-18.2500	
5	-14.0000	
10	-13.5000	-18.1973 to -11.0000
25	-8.0000	-12.7186 to -6.0000
75	-3.0000	-4.0000 to -2.0000
90	-1.5000	-2.0000 to 0.3946
95	-1.0000	
97.5	0.5000	



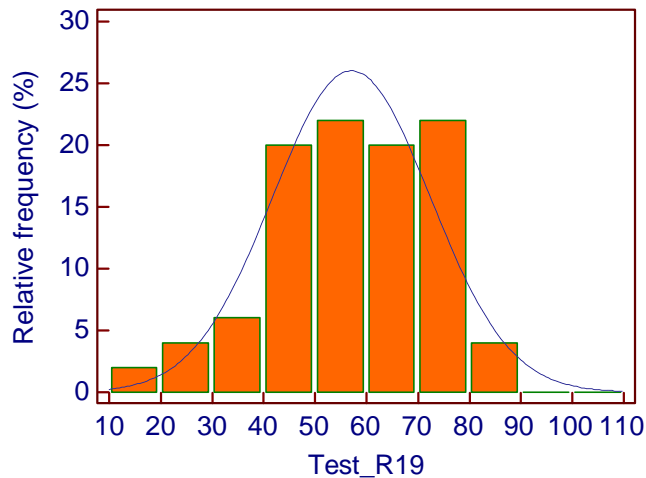
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R 19 from the right foot to the left hand

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	13.0000
Highest value	82.0000
Arithmetic mean	57.0600
95% CI for the mean	52.7011 to 61.4189
Median	58.5000
95% CI for the median	52.6034 to 64.0000
Variance	235.2412
Standard deviation	15.3376
Relative standard deviation	0.2688 (26.88%)
Standard error of the mean	2.1691
Coefficient of Skewness	-0.5210 (P=0.1180)
Coefficient of Kurtosis	0.05151 (P=0.7634)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.2815)

Percentiles		95% Confidence Interval
2.5	22.7500	
5	29.0000	
10	39.0000	23.4352 to 43.0000
25	46.0000	40.0000 to 53.0000
75	70.0000	63.7999 to 73.7186
90	75.5000	72.0205 to 80.3946
95	79.0000	
97.5	80.5000	



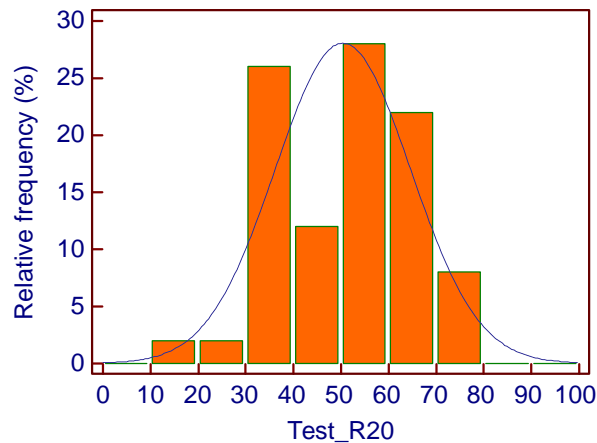
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R20 from left hand to right foot

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	15.0000
Highest value	76.0000
Arithmetic mean	50.3800
95% CI for the mean	46.3396 to 54.4204
Median	51.0000
95% CI for the median	45.2068 to 57.0000
Variance	202.1180
Standard deviation	14.2168
Relative standard deviation	0.2822 (28.22%)
Standard error of the mean	2.0106
Coefficient of Skewness	-0.3426 (P=0.2936)
Coefficient of Kurtosis	-0.5214 (P=0.3477)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3706)

Percentiles		95% Confidence Interval
2.5	18.7500	
5	30.0000	
10	32.5000	19.0135 to 35.9795
25	39.0000	34.0000 to 46.2001
75	63.0000	57.0000 to 66.7186
90	68.0000	64.0000 to 72.7892
95	70.0000	
97.5	73.0000	



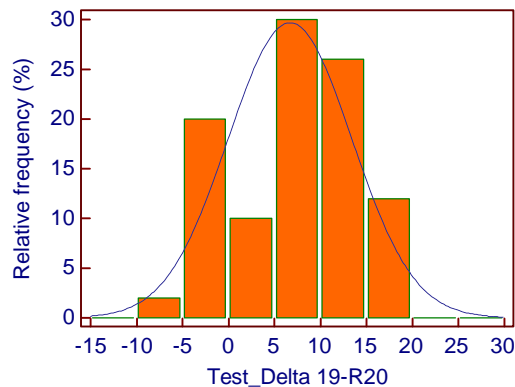
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Delta 19-20

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-6.0000
Highest value	19.0000
Arithmetic mean	6.6800
95% CI for the mean	4.7701 to 8.5899
Median	8.0000
95% CI for the median	5.6034 to 10.0000
Variance	45.1608
Standard deviation	6.7202
Relative standard deviation	1.0060 (100.60%)
Standard error of the mean	0.9504
Coefficient of Skewness	-0.2208 (P=0.4940)
Coefficient of Kurtosis	-0.8159 (P=0.2075)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3576)

Percentiles		95% Confidence Interval
2.5	-5.2500	
5	-4.0000	
10	-3.0000	-5.1973 to -2.0000
25	1.0000	-3.0000 to 6.0000
75	11.0000	9.7999 to 13.7186
90	15.5000	12.0205 to 19.0000
95	17.0000	
97.5	19.0000	



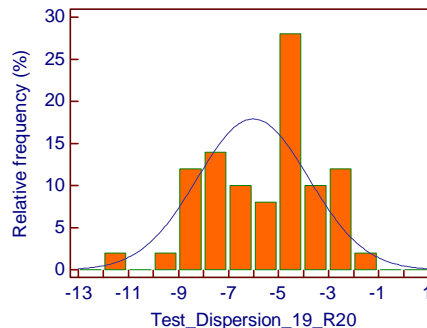
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Dispersion 19/20

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-12.0000
Highest value	-2.0000
Arithmetic mean	-6.0200
95% CI for the mean	-6.6529 to -5.3871
Median	-5.0000
95% CI for the median	-7.0000 to -5.0000
Variance	4.9588
Standard deviation	2.2268
Relative standard deviation	-0.3699 (-36.99%)
Standard error of the mean	0.3149
Coefficient of Skewness	-0.4012 (P=0.2215)
Coefficient of Kurtosis	-0.4031 (P=0.4266)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3453)

Percentiles		95% Confidence Interval
2.5	-10.5000	
5	-9.0000	
10	-9.0000	-10.3946 to -8.0000
25	-8.0000	-9.0000 to -7.0000
75	-5.0000	-5.0000 to -3.2814
90	-3.0000	-4.0000 to -2.8027
95	-3.0000	
97.5	-2.7500	



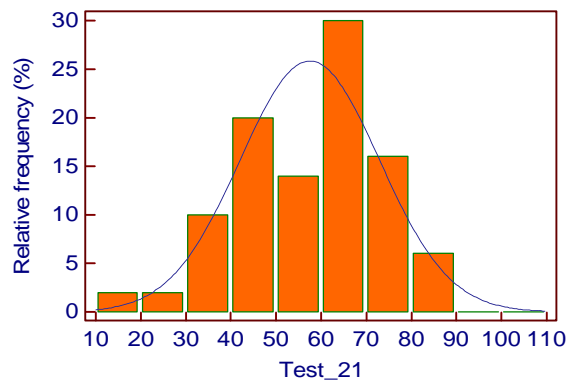
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R21 from the left foot to right hand

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	17.0000
Highest value	84.0000
Arithmetic mean	57.4800
95% CI for the mean	53.0933 to 61.8667
Median	60.5000
95% CI for the median	52.0000 to 64.3966
Variance	238.2547
Standard deviation	15.4355
Relative standard deviation	0.2685 (26.85%)
Standard error of the mean	2.1829
Coefficient of Skewness	-0.4002 (P=0.2226)
Coefficient of Kurtosis	-0.2809 (P=0.5252)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3885)

Percentiles		95% Confidence Interval
2.5	23.0000	
5	35.0000	
10	37.0000	23.4217 to 42.9590
25	47.0000	37.8442 to 52.2001
75	68.0000	64.0000 to 74.7186
90	78.0000	71.0205 to 82.3946
95	81.0000	
97.5	82.5000	



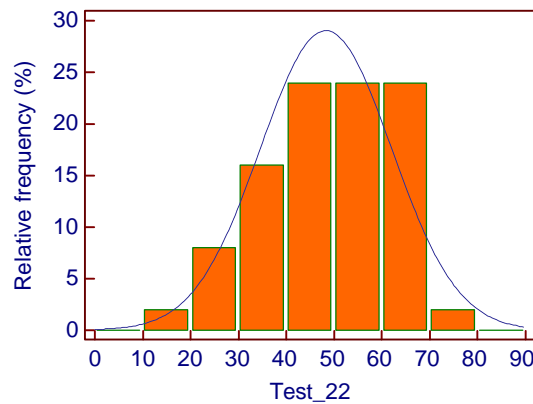
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

R22 from right hand to left foot

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	16.0000
Highest value	73.0000
Arithmetic mean	48.2800
95% CI for the mean	44.3765 to 52.1835
Median	49.5000
95% CI for the median	44.0000 to 55.0000
Variance	188.6547
Standard deviation	13.7352
Relative standard deviation	0.2845 (28.45%)
Standard error of the mean	1.9424
Coefficient of Skewness	-0.3120 (P=0.3373)
Coefficient of Kurtosis	-0.6471 (P=0.2791)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.3513)

Percentiles		95% Confidence Interval
2.5	19.0000	
5	27.0000	
10	30.0000	19.2108 to 34.0000
25	36.0000	31.2814 to 44.0000
75	60.0000	54.7999 to 64.4372
90	65.5000	62.0000 to 69.7892
95	68.0000	
97.5	70.0000	



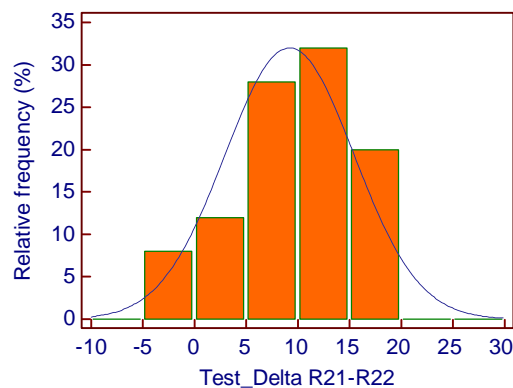
Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Delta 21-22

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-4.0000
Highest value	19.0000
Arithmetic mean	9.2000
95% CI for the mean	7.4284 to 10.9716
Median	10.0000
95% CI for the median	8.0000 to 12.3966
Variance	38.8571
Standard deviation	6.2335
Relative standard deviation	0.6776 (67.76%)
Standard error of the mean	0.8816
Coefficient of Skewness	-0.5107 (P=0.1248)
Coefficient of Kurtosis	-0.6376 (P=0.2838)
D'Agostino-Pearson test for Normal distribution	accept Normality (P=0.1734)

Percentiles		95% Confidence Interval
2.5	-3.2500	
5	-3.0000	
10	0.0000	-3.1973 to 1.9795
25	6.0000	0.2814 to 8.0000
75	14.0000	12.0000 to 16.0000
90	17.0000	15.0000 to 18.1973
95	18.0000	
97.5	18.2500	



Summary statistics EIS Normal range of conductivity from database of 600 healthy subjects.

Dispersion 21-22

Summary statistics

Variable	Range A1:A50
Sample size	50
Lowest value	-19.0000
Highest value	-2.0000
Arithmetic mean	-7.3400
95% CI for the mean	-8.4243 to -6.2557
Median	-6.5000
95% CI for the median	-8.0000 to -5.0000
Variance	14.5555
Standard deviation	3.8152
Relative standard deviation	-0.5198 (-51.98%)
Standard error of the mean	0.5395
Coefficient of Skewness	-1.2019 (P=0.0014)
Coefficient of Kurtosis	1.2872 (P=0.0913)
D'Agostino-Pearson test for Normal distribution	reject Normality (P=0.0015)

Percentiles		95% Confidence Interval
2.5	-18.2500	
5	-14.0000	
10	-13.0000	-18.1973 to -11.0000
25	-9.0000	-12.0000 to -7.7999
75	-5.0000	-5.0000 to -4.0000
90	-3.5000	-4.0000 to -2.8027
95	-3.0000	
97.5	-2.7500	

