```
***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 RAHF FLIGHT (RFR) ADD LONGUS ABNORMAL FIBERS / SQ MM

                Here is the RAW DATA:
                --------------------
                            1.54000
                            7.94000
                            1.68000
                            0.79000
                            1.54000
                            5.09000
                            3.42000
                            3.96000
                            4.43000

Number of data points (N) =         9

Sum of the individual data points =        30.39000
Mean =                                      3.37667
Sum of the squares =                       41.52740
Standard deviation (S) =                    2.27836
Variance (S squared) =                      5.19093
Standard error (s sub xbar) =               0.75945
Coefficient of variation =                 67.47365

T value, 95% =                                      2.30600
T value, 99% =                                      3.35500

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                         1.62537
Midpoint of 95% interval (MEAN) is:                 3.37667
High end of 95% interval is:                        5.12797
Total length of 95% interval is:                    3.50260
Half length of 95% interval is:                     1.75130

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                         0.82870
Midpoint of 99% interval (MEAN) is:                 3.37667
High end of 99% interval is:                        5.92463
Total length of 95% interval is:                    5.09593
Half length of 99% interval is:                     2.54797

***** END OF CUREALL RUN *****
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***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 AEM FLIGHT (RFA) ADD LONGUS ABNORMAL FIBERS / SQ MM

                 Here is the RAW DATA:
                 ---------------------
                              1.31000
                              2.39000
                              0.76000
                              1.42000
                              0.89000

Number of data points (N) =         5

Sum of the individual data points =          6.77000
Mean =                                       1.35400
Sum of the squares =                         1.64772
Standard deviation (S) =                     0.64182
Variance (S squared) =                       0.41193
Standard error (s sub xbar) =                0.28703
Coefficient of variation =                  47.40160

T value, 95% =                                        2.77600
T value, 99% =                                        4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                           0.55721
Midpoint of 95% interval (MEAN) is:                   1.35400
High end of 95% interval is:                          2.15079
Total length of 95% interval is:                      1.59359
Half length of 95% interval is:                       0.79679

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                           0.03252
Midpoint of 99% interval (MEAN) is:                   1.35400
High end of 99% interval is:                          2.67548
Total length of 95% interval is:                      2.64297
Half length of 99% interval is:                       1.32148

***** END OF CUREALL RUN *****
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***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 DFPT R+0 RAHF FLIGHT (DRFR) ADD LONGUS ABNORMAL FIBERS/SQMM

                 Here is the RAW DATA:
                 --------------------
                            1.98000
                            2.86000
                            3.33000
                            1.08000
                            1.00000
                            0.81000
                            1.11000
                            0.66000
                            0.62000
                            1.54000

Number of data points (N) =        10

Sum of the individual data points =        14.99000
Mean =                                      1.49900
Sum of the squares =                        7.96509
Standard deviation (S) =                    0.94075
Variance (S squared) =                      0.88501
Standard error (s sub xbar) =               0.29749
Coefficient of variation =                 62.75849

T value, 95% =                                      2.26200
T value, 99% =                                      3.25000

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                         0.82607
Midpoint of 95% interval (MEAN) is:                 1.49900
High end of 95% interval is:                        2.17193
Total length of 95% interval is:                    1.34585
Half length of 95% interval is:                     0.67293

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                         0.53215
Midpoint of 99% interval (MEAN) is:                 1.49900
High end of 99% interval is:                        2.46585
Total length of 95% interval is:                    1.93369
Half length of 99% interval is:                     0.96685

***** END OF CUREALL RUN *****
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***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 DFPT R+0 AEM FLIGHT (DRFA) ADD LONGUS ABNORMAL FIBERS/SQMM

                 Here is the RAW DATA:
                 --------------------
                             1.42000
                             2.07000
                             1.41000
                             0.77000
                             0.43000

Number of data points (N) =        5

Sum of the individual data points =        6.10000
Mean =                                     1.22000
Sum of the squares =                       1.62520
Standard deviation (S) =                   0.63742
Variance (S squared) =                     0.40630
Standard error (s sub xbar) =              0.28506
Coefficient of variation =                52.24727

T value, 95% =                                        2.77600
T value, 99% =                                        4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                           0.42867
Midpoint of 95% interval (MEAN) is:                   1.22000
High end of 95% interval is:                          2.01133
Total length of 95% interval is:                      1.58266
Half length of 95% interval is:                       0.79133

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                          -0.09242
Midpoint of 99% interval (MEAN) is:                   1.22000
High end of 99% interval is:                          2.53242
Total length of 95% interval is:                      2.62485
Half length of 99% interval is:                       1.31242

***** END OF CUREALL RUN *****
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***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 DFPT R+0 RAHF FLIGHT (DRFR) ADD LONGUS ABNORMAL FIBERS

                 Here is the RAW DATA:
                 --------------------
                            12.70000
                            16.30000
                            14.00000
                             5.30000
                             5.30000
                             5.70000
                             4.70000
                             4.30000
                             4.00000
                             9.70000

Number of data points (N) =        10

Sum of the individual data points =        82.00000
Mean =                                      8.20000
Sum of the squares =                      189.92000
Standard deviation (S) =                    4.59372
Variance (S squared) =                     21.10222
Standard error (s sub xbar) =               1.45266
Coefficient of variation =                 56.02092

T value, 95% =                                          2.26200
T value, 99% =                                          3.25000

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                             4.91408
Midpoint of 95% interval (MEAN) is:                     8.20000
High end of 95% interval is:                           11.48592
Total length of 95% interval is:                        6.57184
Half length of 95% interval is:                         3.28592

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                             3.47885
Midpoint of 99% interval (MEAN) is:                     8.20000
High end of 99% interval is:                           12.92115
Total length of 95% interval is:                        9.44229
Half length of 99% interval is:                         4.72115

***** END OF CUREALL RUN *****
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***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 RAHF FLIGHT (RFR) ADD LONGUS ABNORMAL FIBERS

                 Here is the RAW DATA:
                 ---------------------
                              6.00000
                             27.00000
                              6.70000
                              3.00000
                              4.00000
                             17.30000
                             13.00000
                             10.30000
                             17.70000

Number of data points (N) =          9

Sum of the individual data points =        105.00000
Mean =                                      11.66667
Sum of the squares =                       497.56000
Standard deviation (S) =                     7.88638
Variance (S squared) =                      62.19500
Standard error (s sub xbar) =                2.62879
Coefficient of variation =                  67.59755

T value, 95% =                                          2.30600
T value, 99% =                                          3.35500

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                             5.60467
Midpoint of 95% interval (MEAN) is:                    11.66667
High end of 95% interval is:                           17.72866
Total length of 95% interval is:                       12.12400
Half length of 95% interval is:                         6.06200

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                             2.84706
Midpoint of 99% interval (MEAN) is:                    11.66667
High end of 99% interval is:                           20.48627
Total length of 95% interval is:                       17.63920
Half length of 99% interval is:                         8.81960

***** END OF CUREALL RUN *****
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***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 DFPT R+0 AEM FLIGHT (DRFA) ADD LONGUS ABNORMAL FIBERS

                 Here is the RAW DATA:
                 ---------------------
                              6.40000
                             14.70000
                              9.70000
                              3.30000
                              2.70000

Number of data points (N) =          5

Sum of the individual data points =        36.80000
Mean =                                      7.36000
Sum of the squares =                       98.47200
Standard deviation (S) =                    4.96165
Variance (S squared) =                     24.61800
Standard error (s sub xbar) =               2.21892
Coefficient of variation =                 67.41376

T value, 95% =                                          2.77600
T value, 99% =                                          4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                             1.20028
Midpoint of 95% interval (MEAN) is:                     7.36000
High end of 95% interval is:                           13.51972
Total length of 95% interval is:                       12.31944
Half length of 95% interval is:                         6.15972

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                            -2.85590
Midpoint of 99% interval (MEAN) is:                     7.36000
High end of 99% interval is:                           17.57590
Total length of 95% interval is:                       20.43180
Half length of 99% interval is:                        10.21590

***** END OF CUREALL RUN *****
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***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 AEM FLIGHT (RFA) ADD LONGUS ABNORMAL FIBERS

                 Here is the RAW DATA:
                 --------------------
                            6.70000
                            9.30000
                            3.70000
                            4.70000
                            2.30000

Number of data points (N) =        5

Sum of the individual data points =        26.70000
Mean =                                      5.34000
Sum of the squares =                       29.87200
Standard deviation (S) =                    2.73276
Variance (S squared) =                      7.46800
Standard error (s sub xbar) =               1.22213
Coefficient of variation =                 51.17536

T value, 95% =                                          2.77600
T value, 99% =                                          4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                             1.94737
Midpoint of 95% interval (MEAN) is:                     5.34000
High end of 95% interval is:                            8.73263
Total length of 95% interval is:                        6.78526
Half length of 95% interval is:                         3.39263

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                            -0.28668
Midpoint of 99% interval (MEAN) is:                     5.34000
High end of 99% interval is:                           10.96668
Total length of 95% interval is:                       11.25337
Half length of 99% interval is:                         5.62668

***** END OF CUREALL RUN *****
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***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

 SLS-1 R+0 AEM FLIGHT (RFA) ADD LONGUS MUSCLE FIBER AREA

                  Here is the RAW DATA:
                  --------------------
                           2014.00000
                           1762.50000
                           1965.90000
                           1816.50000
                           1363.50000

 Number of data points (N) =          5

 Sum of the individual data points =       8922.40000
 Mean =                                    1784.48000
 Sum of the squares =                    264325.20800
 Standard deviation (S) =                   257.06284
 Variance (S squared) =                   66081.30200
 Standard error (s sub xbar) =              114.96200
 Coefficient of variation =                  14.40548

 T value, 95% =                                   2.77600
 T value, 99% =                                   4.60400

 95% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 95% interval is:                   1465.34550
 Midpoint of 95% interval (MEAN) is:           1784.48000
 High end of 95% interval is:                  2103.61450
 Total length of 95% interval is:               638.26900
 Half length of 95% interval is:                319.13450

 99% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 99% interval is:                   1255.19497
 Midpoint of 99% interval (MEAN) is:           1784.48000
 High end of 99% interval is:                  2313.76503
 Total length of 95% interval is:              1058.57005
 Half length of 99% interval is:                529.28503

 ***** END OF CUREALL RUN *****
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***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

 SLS-1 DFPT R+0 AEM FLIGHT (DRFA) ADD LONGUS MUSCLE FIBER AREA

                  Here is the RAW DATA:
                  ---------------------
                           2552.70000
                           4212.80000
                           3521.70000
                           2309.60000
                           3211.50000

 Number of data points (N) =         5

 Sum of the individual data points =     15808.30000
 Mean =                                   3161.66000
 Sum of the squares =                  2333846.65200
 Standard deviation (S) =                  763.84662
 Variance (S squared) =                 583461.66300
 Standard error (s sub xbar) =             341.60259
 Coefficient of variation =                 24.15967

 T value, 95% =                                   2.77600
 T value, 99% =                                   4.60400

 95% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 95% interval is:                   2213.37120
 Midpoint of 95% interval (MEAN) is:           3161.66000
 High end of 95% interval is:                  4109.94880
 Total length of 95% interval is:              1896.57760
 Half length of 95% interval is:                948.28880

 99% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 99% interval is:                   1588.92165
 Midpoint of 99% interval (MEAN) is:           3161.66000
 High end of 99% interval is:                  4734.39835
 Total length of 95% interval is:              3145.47669
 Half length of 99% interval is:               1572.73835

 ***** END OF CUREALL RUN *****
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***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

 SLS-1 R+0 RAHF FLIGHT (RFR) ADD LONGUS MUSCLE FIBER AREA

                  Here is the RAW DATA:
                  ---------------------
                            2065.30000
                            1819.20000
                            1840.40000
                            1624.70000
                            1075.70000
                            1772.90000
                            1754.80000
                            1261.20000
                            1557.40000

 Number of data points (N) =         9

 Sum of the individual data points =     14771.60000
 Mean =                                   1641.28889
 Sum of the squares =                   752960.16889
 Standard deviation (S) =                  306.78986
 Variance (S squared) =                  94120.02111
 Standard error (s sub xbar) =             102.26329
 Coefficient of variation =                 18.69201

 T value, 95% =                                   2.30600
 T value, 99% =                                   3.35500

 95% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 95% interval is:                   1405.46975
 Midpoint of 95% interval (MEAN) is:           1641.28889
 High end of 95% interval is:                  1877.10803
 Total length of 95% interval is:               471.63829
 Half length of 95% interval is:                235.81914

 99% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 99% interval is:                   1298.19556
 Midpoint of 99% interval (MEAN) is:           1641.28889
 High end of 99% interval is:                  1984.38222
 Total length of 95% interval is:               686.18666
 Half length of 99% interval is:                343.09333

 ***** END OF CUREALL RUN *****
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```
***     C U R E A L L     ***

            V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 DFPT R+0 RAHF FLIGHT (DRFR) ADD LONGUS MUSCLE FIBER AREA

                 Here is the RAW DATA:
                 --------------------
                           3296.60000
                           3203.10000
                           2637.50000
                           2286.70000
                           2837.50000
                           2787.50000
                           2296.60000
                           3518.30000
                           3229.80000
                           2895.70000

Number of data points (N) =         10

Sum of the individual data points =     28989.30000
Mean =                                   2898.93000
Sum of the squares =                  1565928.34100
Standard deviation (S) =                  417.12353
Variance (S squared) =                173992.03789
Standard error (s sub xbar) =             131.90604
Coefficient of variation =                 14.38888

T value, 95% =                                   2.26200
T value, 99% =                                   3.25000

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                   2600.55853
Midpoint of 95% interval (MEAN) is:           2898.93000
High end of 95% interval is:                  3197.30147
Total length of 95% interval is:               596.74293
Half length of 95% interval is:                298.37147

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                   2470.23537
Midpoint of 99% interval (MEAN) is:           2898.93000
High end of 99% interval is:                  3327.62463
Total length of 95% interval is:               857.38927
Half length of 99% interval is:                428.69463

***** END OF CUREALL RUN *****
```