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

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

SLS-1 L+0 VIVARIUM RAHF (LVR) SOLEUS AREA / BODY WGT RATIO

                 Here is the RAW DATA:
                 --------------------
                              8.85000
                              8.54000
                              9.47000
                              8.50000
                             10.04000
                              8.43000
                              7.79000
                              7.52000
                              7.74000
                              7.19000

Number of data points (N) =         10

Sum of the individual data points =        84.07000
Mean =                                      8.40700
Sum of the squares =                        7.11321
Standard deviation (S) =                    0.88902
Variance (S squared) =                      0.79036
Standard error (s sub xbar) =               0.28113
Coefficient of variation =                 10.57476

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                         7.77108
Midpoint of 95% interval (MEAN) is:                 8.40700
High end of 95% interval is:                        9.04292
Total length of 95% interval is:                    1.27184
Half length of 95% interval is:                     0.63592

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                         7.49332
Midpoint of 99% interval (MEAN) is:                 8.40700
High end of 99% interval is:                        9.32068
Total length of 95% interval is:                    1.82736
Half length of 99% interval is:                     0.91368

***** 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 VIVARIUM RAHF (RVR) SOLEUS AREA / BODY WGT RATIOS

                Here is the RAW DATA:
                --------------------
                            9.51000
                            9.80000
                            8.03000
                            7.50000
                            9.58000
                            9.05000
                            9.20000
                            9.32000
                            8.96000
                            8.77000

Number of data points (N) =          10

Sum of the individual data points =        89.72000
Mean =                                      8.97200
Sum of the squares =                        4.61896
Standard deviation (S) =                    0.71639
Variance (S squared) =                      0.51322
Standard error (s sub xbar) =               0.22654
Coefficient of variation =                  7.98475

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                           8.45956
Midpoint of 95% interval (MEAN) is:                   8.97200
High end of 95% interval is:                          9.48444
Total length of 95% interval is:                      1.02488
Half length of 95% interval is:                       0.51244

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                           8.23573
Midpoint of 99% interval (MEAN) is:                   8.97200
High end of 99% interval is:                          9.70827
Total length of 95% interval is:                      1.47253
Half length of 99% interval is:                       0.73627

***** 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 FLIGHT RAHF (RFR) SOLEUS AREA / BODY WGT RATIOS

                 Here is the RAW DATA:
                 --------------------
                              5.42000
                              4.93000
                              3.90000
                              6.04000
                              3.78000
                              4.07000
                              4.84000
                              5.45000
                              5.12000
                              4.82000

 Number of data points (N) =         10

 Sum of the individual data points =        48.37000
 Mean =                                      4.83700
 Sum of the squares =                        4.83541
 Standard deviation (S) =                    0.73299
 Variance (S squared) =                      0.53727
 Standard error (s sub xbar) =               0.23179
 Coefficient of variation =                 15.15372

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

 95% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 95% interval is:                           4.31269
 Midpoint of 95% interval (MEAN) is:                   4.83700
 High end of 95% interval is:                          5.36131
 Total length of 95% interval is:                      1.04862
 Half length of 95% interval is:                       0.52431

 99% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 99% interval is:                           4.08368
 Midpoint of 99% interval (MEAN) is:                   4.83700
 High end of 99% interval is:                          5.59032
 Total length of 95% interval is:                      1.50664
 Half length of 99% interval is:                       0.75332

 ***** 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+ML VIVARIUM RAHF (MVR) SOLEUS AREA / BODY WGT RATIOS

                 Here is the RAW DATA:
                 ---------------------
                              8.51000
                              8.09000
                             10.85000
                              8.33000
                              9.77000
                             10.29000
                              7.05000
                              9.57000
                              9.66000
                             12.56000

Number of data points (N) =         10

Sum of the individual data points =        94.68000
Mean =                                      9.46800
Sum of the squares =                       22.24296
Standard deviation (S) =                    1.57208
Variance (S squared) =                      2.47144
Standard error (s sub xbar) =               0.49714
Coefficient of variation =                 16.60416

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                             8.34348
Midpoint of 95% interval (MEAN) is:                     9.46800
High end of 95% interval is:                           10.59252
Total length of 95% interval is:                        2.24904
Half length of 95% interval is:                         1.12452

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                             7.85231
Midpoint of 99% interval (MEAN) is:                     9.46800
High end of 99% interval is:                           11.08369
Total length of 95% interval is:                        3.23138
Half length of 99% interval is:                         1.61569

***** 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+ML FLIGHT RAHF (MFR) SOLEUS AREA / BODY WGT RATIOS

                 Here is the RAW DATA:
                 --------------------
                             7.45000
                             8.18000
                             7.94000
                             7.98000
                             8.11000
                             7.29000
                             7.07000
                             7.37000
                             6.36000

Number of data points (N) =         9

Sum of the individual data points =        67.75000
Mean =                                      7.52778
Sum of the squares =                        2.79956
Standard deviation (S) =                    0.59156
Variance (S squared) =                      0.34994
Standard error (s sub xbar) =               0.19719
Coefficient of variation =                  7.85838

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                           7.07306
Midpoint of 95% interval (MEAN) is:                   7.52778
High end of 95% interval is:                          7.98249
Total length of 95% interval is:                      0.90943
Half length of 95% interval is:                       0.45471

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                           6.86622
Midpoint of 99% interval (MEAN) is:                   7.52778
High end of 99% interval is:                          8.18934
Total length of 95% interval is:                      1.32312
Half length of 99% interval is:                       0.66156

***** 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 L+0 VIVARIUM RAHF (LVR) SOLEUS AREA / BODY WGT RATIOS

                Here is the RAW DATA:
                --------------------
                            10.84000
                             7.82000
                            13.69000
                             8.84000
                            10.96000
                             8.68000
                             8.31000
                            10.06000
                            11.18000
                            12.12000

Number of data points (N) =         10

Sum of the individual data points =       102.50000
Mean =                                     10.25000
Sum of the squares =                       31.20520
Standard deviation (S) =                    1.86205
Variance (S squared) =                      3.46724
Standard error (s sub xbar) =               0.58883
Coefficient of variation =                 18.16638

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                             8.91806
Midpoint of 95% interval (MEAN) is:                    10.25000
High end of 95% interval is:                           11.58194
Total length of 95% interval is:                        2.66388
Half length of 95% interval is:                         1.33194

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                             8.33629
Midpoint of 99% interval (MEAN) is:                    10.25000
High end of 99% interval is:                           12.16371
Total length of 95% interval is:                        3.82742
Half length of 99% interval is:                         1.91371

***** 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 VIVARIUM RAHF (RVR) SOLEUS AREA / BODY WGT RATIOS

                 Here is the RAW DATA:
                 ---------------------
                              9.34000
                              8.90000
                              7.05000
                              9.03000
                              7.37000
                              7.99000
                              8.91000
                             12.01000
                             11.07000
                             10.77000

Number of data points (N) =         10

Sum of the individual data points =        92.44000
Mean =                                      9.24400
Sum of the squares =                       23.49664
Standard deviation (S) =                    1.61578
Variance (S squared) =                      2.61074
Standard error (s sub xbar) =               0.51095
Coefficient of variation =                 17.47921

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                           8.08822
Midpoint of 95% interval (MEAN) is:                   9.24400
High end of 95% interval is:                         10.39978
Total length of 95% interval is:                      2.31155
Half length of 95% interval is:                       1.15578

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                           7.58340
Midpoint of 99% interval (MEAN) is:                   9.24400
High end of 99% interval is:                         10.90460
Total length of 95% interval is:                      3.32120
Half length of 99% interval is:                       1.66060

***** 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 FLIGHT RAHF (RFR) SOLEUS AREA / BODY WGT RATIOS

                Here is the RAW DATA:
                --------------------
                            7.45000
                            6.53000
                            7.89000
                            7.41000
                            6.16000
                            5.88000
                            8.59000
                            7.82000
                            9.24000
                            7.66000

Number of data points (N) =         10

Sum of the individual data points =        74.63000
Mean =                                      7.46300
Sum of the squares =                        9.85361
Standard deviation (S) =                    1.04635
Variance (S squared) =                      1.09485
Standard error (s sub xbar) =               0.33088
Coefficient of variation =                 14.02048

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                         6.71454
Midpoint of 95% interval (MEAN) is:                 7.46300
High end of 95% interval is:                        8.21146
Total length of 95% interval is:                    1.49692
Half length of 95% interval is:                     0.74846

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                         6.38763
Midpoint of 99% interval (MEAN) is:                 7.46300
High end of 99% interval is:                        8.53837
Total length of 95% interval is:                    2.15075
Half length of 99% interval is:                     1.07537

***** 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+ML VIVARIUM RAHF (MVR) SOLEUS AREA / BODY WGT RATIOS

                 Here is the RAW DATA:
                 --------------------
                              9.61000
                             11.55000
                              8.34000
                              6.68000
                             11.98000
                             11.25000
                              7.78000
                              8.80000
                              9.87000
                              7.37000

Number of data points (N) =         10

Sum of the individual data points =        93.23000
Mean =                                      9.32300
Sum of the squares =                       30.53441
Standard deviation (S) =                    1.84193
Variance (S squared) =                      3.39271
Standard error (s sub xbar) =               0.58247
Coefficient of variation =                 19.75686

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                         8.00545
Midpoint of 95% interval (MEAN) is:                 9.32300
High end of 95% interval is:                       10.64055
Total length of 95% interval is:                    2.63509
Half length of 95% interval is:                     1.31755

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                         7.42997
Midpoint of 99% interval (MEAN) is:                 9.32300
High end of 99% interval is:                       11.21603
Total length of 95% interval is:                    3.78605
Half length of 99% interval is:                     1.89303

***** 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+ML FLIGHT RAHF (MFR) SOLEUS AREA / BODY WGT RATIOS

                 Here is the RAW DATA:
                 --------------------
                              9.77000
                              9.24000
                              9.43000
                             10.10000
                              7.89000
                              9.11000
                              9.66000
                              9.05000
                             10.95000

Number of data points (N) =         9

Sum of the individual data points =        85.20000
Mean =                                      9.46667
Sum of the squares =                        5.57020
Standard deviation (S) =                    0.83443
Variance (S squared) =                      0.69628
Standard error (s sub xbar) =               0.27814
Coefficient of variation =                  8.81441

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                         8.82527
Midpoint of 95% interval (MEAN) is:                 9.46667
High end of 95% interval is:                       10.10807
Total length of 95% interval is:                    1.28280
Half length of 95% interval is:                     0.64140

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                         8.53349
Midpoint of 99% interval (MEAN) is:                 9.46667
High end of 99% interval is:                       10.39984
Total length of 95% interval is:                    1.86634
Half length of 99% interval is:                     0.93317

***** 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+ML+1 RAHF SOLEUS AREA / BODY WEIGHT RATIOS

                 Here is the RAW DATA:
                 ---------------------
                              8.64000
                              8.94000
                              9.03000
                              8.28000
                              7.85000
                              7.66000
                              7.91000
                             10.96000
                              9.67000
                              9.39000

 Number of data points (N) =         10

 Sum of the individual data points =        88.33000
 Mean =                                      8.83300
 Sum of the squares =                        9.12241
 Standard deviation (S) =                    1.00678
 Variance (S squared) =                      1.01360
 Standard error (s sub xbar) =               0.31837
 Coefficient of variation =                 11.39791

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

 95% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 95% interval is:                           8.11284
 Midpoint of 95% interval (MEAN) is:                   8.83300
 High end of 95% interval is:                          9.55316
 Total length of 95% interval is:                      1.44031
 Half length of 95% interval is:                       0.72016

 99% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 99% interval is:                           7.79829
 Midpoint of 99% interval (MEAN) is:                   8.83300
 High end of 99% interval is:                          9.86771
 Total length of 95% interval is:                      2.06941
 Half length of 99% interval is:                       1.03471

 ***** 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 L+0 VIVARIUM RAHF (LVR) SOLEUS MUSCLE FIBER AREA

                 Here is the RAW DATA:
                 --------------------
                           2771.30000
                           2434.40000
                           2878.90000
                           2498.20000
                           2832.00000
                           2378.60000
                           2259.40000
                           2265.00000
                           2282.60000
                           2069.60000

Number of data points (N) =         10

Sum of the individual data points =     24670.00000
Mean =                                   2467.00000
Sum of the squares =                   681167.74000
Standard deviation (S) =                  275.10962
Variance (S squared) =                  75685.30444
Standard error (s sub xbar) =              86.99730
Coefficient of variation =                 11.15159

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                        2270.21210
Midpoint of 95% interval (MEAN) is:                2467.00000
High end of 95% interval is:                       2663.78790
Total length of 95% interval is:                    393.57579
Half length of 95% interval is:                     196.78790

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                        2184.25877
Midpoint of 99% interval (MEAN) is:                2467.00000
High end of 99% interval is:                       2749.74123
Total length of 95% interval is:                    565.48246
Half length of 99% interval is:                     282.74123

***** 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 VIVARIUM RAHF (RVR) SOLEUS MUSCLE FIBER AREA

                 Here is the RAW DATA:
                 --------------------
                           3051.30000
                           3225.30000
                           2763.00000
                           2903.00000
                           2990.40000
                           2804.00000
                           3099.80000
                           3039.70000
                           3108.00000
                           2954.20000

Number of data points (N) =          10

Sum of the individual data points =      29938.70000
Mean =                                    2993.87000
Sum of the squares =                    182399.94100
Standard deviation (S) =                    142.36102
Variance (S squared) =                   20266.66011
Standard error (s sub xbar) =               45.01851
Coefficient of variation =                   4.75508

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                        2892.03814
Midpoint of 95% interval (MEAN) is:                2993.87000
High end of 95% interval is:                       3095.70186
Total length of 95% interval is:                    203.66373
Half length of 95% interval is:                     101.83186

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                        2847.55985
Midpoint of 99% interval (MEAN) is:                2993.87000
High end of 99% interval is:                       3140.18015
Total length of 95% interval is:                    292.62030
Half length of 99% interval is:                     146.31015

***** 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 FLIGHT RAHF (RFR) SOLEUS MUSCLE FIBER AREA

                 Here is the RAW DATA:
                 ---------------------
                           1810.89000
                           1657.75000
                           1335.40000
                           1793.66000
                           1174.48000
                           1364.97000
                           1595.87000
                           1873.74000
                           1659.18000
                           1625.15000

Number of data points (N) =         10

Sum of the individual data points =     15891.09000
Mean =                                   1589.10900
Sum of the squares =                   469532.68209
Standard deviation (S) =                  228.40818
Variance (S squared) =                  52170.29801
Standard error (s sub xbar) =              72.22901
Coefficient of variation =                 14.37335

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                          1425.72698
Midpoint of 95% interval (MEAN) is:                  1589.10900
High end of 95% interval is:                         1752.49102
Total length of 95% interval is:                      326.76404
Half length of 95% interval is:                       163.38202

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                          1354.36472
Midpoint of 99% interval (MEAN) is:                  1589.10900
High end of 99% interval is:                         1823.85328
Total length of 95% interval is:                      469.48856
Half length of 99% interval is:                       234.74428

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

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

SLS-1 R+ML VIVARIUM (MVR) SOLEUS MUSCLE FIBER AREAS

                 Here is the RAW DATA:
                 --------------------
                          2910.80000
                          2944.20000
                          3581.20000
                          2933.20000
                          3408.30000
                          3736.00000
                          2702.50000
                          3406.50000
                          3015.40000
                          3857.20000

Number of data points (N) =          10

Sum of the individual data points =     32495.30000
Mean =                                   3249.53000
Sum of the squares =                  1427856.14100
Standard deviation (S) =                  398.30978
Variance (S squared) =                 158650.68233
Standard error (s sub xbar) =             125.95661
Coefficient of variation =                 12.25746

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                        2964.61614
Midpoint of 95% interval (MEAN) is:                3249.53000
High end of 95% interval is:                       3534.44386
Total length of 95% interval is:                    569.82771
Half length of 95% interval is:                     284.91386

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                        2840.17101
Midpoint of 99% interval (MEAN) is:                3249.53000
High end of 99% interval is:                       3658.88899
Total length of 95% interval is:                    818.71798
Half length of 99% interval is:                     409.35899

***** 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+ML FLIGHT RAHF (MFR) SOLEUS MUSCLE FIBER AREA

                 Here is the RAW DATA:
                 --------------------
                           2629.90000
                           2708.10000
                           2666.20000
                           2649.60000
                           2644.40000
                           2377.70000
                           2290.20000
                           2615.50000
                           1851.40000

Number of data points (N) =          9

Sum of the individual data points =      22433.00000
Mean =                                    2492.55556
Sum of the squares =                    623530.34222
Standard deviation (S) =                    279.17968
Variance (S squared) =                   77941.29278
Standard error (s sub xbar) =               93.05989
Coefficient of variation =                  11.20054

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                        2277.95944
Midpoint of 95% interval (MEAN) is:                2492.55556
High end of 95% interval is:                       2707.15167
Total length of 95% interval is:                    429.19223
Half length of 95% interval is:                     214.59611

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                        2180.33962
Midpoint of 99% interval (MEAN) is:                2492.55556
High end of 99% interval is:                       2804.77150
Total length of 95% interval is:                    624.43188
Half length of 99% interval is:                     312.21594

***** 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 L+O VIVARIUM RAHF (LVR) SOLEUS MUSCLE FIBER AREA

                  Here is the RAW DATA:
                  ---------------------
                            3068.21300
                            2580.51100
                            4134.61700
                            2634.11500
                            3036.04000
                            2351.25400
                            2550.43300
                            2816.94100
                            3386.79100
                            3648.31900

Number of data points (N) =          10

Sum of the individual data points =      30207.23400
Mean =                                    3020.72340
Sum of the squares =                   2825273.15390
Standard deviation (S) =                   560.28496
Variance (S squared) =                  313919.23932
Standard error (s sub xbar) =              177.17766
Coefficient of variation =                  18.54804

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                          2619.94753
Midpoint of 95% interval (MEAN) is:                  3020.72340
High end of 95% interval is:                         3421.49927
Total length of 95% interval is:                      801.55174
Half length of 95% interval is:                       400.77587

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                          2444.89600
Midpoint of 99% interval (MEAN) is:                  3020.72340
High end of 99% interval is:                         3596.55080
Total length of 95% interval is:                     1151.65480
Half length of 99% interval is:                       575.82740

***** 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 DFTP R+O VIVARIUM RAHF (RVR) SOLEUS MUSCLE FIBER AREA

                Here is the RAW DATA:
                ---------------------
                          3099.96000
                          2999.71100
                          2567.33800
                          2990.49700
                          2431.27700
                          2828.83200
                          3378.15100
                          3927.88600
                          4106.37500
                          3639.04600

Number of data points (N) =          10

Sum of the individual data points =      31969.07300
Mean =                                    3196.90730
Sum of the squares =                   2798714.32390
Standard deviation (S) =                   557.64528
Variance (S squared) =                  310968.25822
Standard error (s sub xbar) =              176.34292
Coefficient of variation =                  17.44327

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                   2798.01961
Midpoint of 95% interval (MEAN) is:           3196.90730
High end of 95% interval is:                  3595.79499
Total length of 95% interval is:               797.77538
Half length of 95% interval is:                398.88769

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                   2623.79281
Midpoint of 99% interval (MEAN) is:           3196.90730
High end of 99% interval is:                  3770.02179
Total length of 95% interval is:              1146.22899
Half length of 99% interval is:                573.11449

***** 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 FLIGHT (RFR) SOLEUS MUSCLE FIBER AREA

                Here is the RAW DATA:
                --------------------
                          2607.84000
                          2344.33000
                          2626.10000
                          2503.67000
                          2049.93000
                          2006.44000
                          2773.50000
                          2548.34000
                          2873.56000
                          2795.59000

Number of data points (N) =         10

Sum of the individual data points =     25129.30000
Mean =                                   2512.93000
Sum of the squares =                   800329.45020
Standard deviation (S) =                  298.20378
Variance (S squared) =                 88925.49447
Standard error (s sub xbar) =             94.30032
Coefficient of variation =                11.86678

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                        2299.62269
Midpoint of 95% interval (MEAN) is:                2512.93000
High end of 95% interval is:                       2726.23731
Total length of 95% interval is:                    426.61463
Half length of 95% interval is:                     213.30731

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                        2206.45398
Midpoint of 99% interval (MEAN) is:                2512.93000
High end of 99% interval is:                       2819.40602
Total length of 95% interval is:                    612.95205
Half length of 99% interval is:                     306.47602

***** 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+ML VIVARIUM RAHF (MVR) SOLEUS MUSCLE FIBER AREA

                Here is the RAW DATA:
                ---------------------
                        3909.48000
                        4193.44000
                        3086.15300
                        2672.93100
                        4299.73500
                        3598.99800
                        3203.63900
                        3186.88900
                        3573.27500
                        2806.71400

Number of data points (N) =          10

Sum of the individual data points =      34531.25400
Mean =                                    3453.12540
Sum of the squares =                   2803132.81120
Standard deviation (S) =                   558.08530
Variance (S squared) =                  311459.20125
Standard error (s sub xbar) =              176.48207
Coefficient of variation =                  16.16174

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                   3053.92296
Midpoint of 95% interval (MEAN) is:           3453.12540
High end of 95% interval is:                  3852.32784
Total length of 95% interval is:               798.40487
Half length of 95% interval is:                399.20244

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                   2879.55868
Midpoint of 99% interval (MEAN) is:           3453.12540
High end of 99% interval is:                  4026.69212
Total length of 95% interval is:              1147.13344
Half length of 99% interval is:                573.56672

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

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

SLSL-1 DFPT R+ML FLIGHT RAHF (MFR) SOLEUS MUSCLE FIBER AREA

                Here is the RAW DATA:
                ---------------------
                          4025.91300
                          3908.41400
                          3745.14700
                          3695.65000
                          2801.83000
                          3333.01800
                          3757.18600
                          3655.89900
                          3689.01500

Number of data points (N) =          9

Sum of the individual data points =      32612.07200
Mean =                                    3623.56356
Sum of the squares =                   1045851.02700
Standard deviation (S) =                   361.56794
Variance (S squared) =                  130731.37837
Standard error (s sub xbar) =              120.52265
Coefficient of variation =                   9.97824

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                          3345.63833
Midpoint of 95% interval (MEAN) is:                  3623.56356
High end of 95% interval is:                         3901.48878
Total length of 95% interval is:                      555.85045
Half length of 95% interval is:                       277.92523

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                          3219.21007
Midpoint of 99% interval (MEAN) is:                  3623.56356
High end of 99% interval is:                         4027.91704
Total length of 95% interval is:                      808.70697
Half length of 99% interval is:                       404.35348

***** 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+ML+1 RAHF SOLEUS MUSCLE FIBER AREA

                Here is the RAW DATA:
                --------------------
                          3387.80000
                          3442.00000
                          3611.50000
                          3380.00000
                          3359.10000
                          3409.90000
                          3407.90000
                          3867.60000
                          3869.80000
                          3644.30000

Number of data points (N) =         10

Sum of the individual data points =     35379.90000
Mean =                                   3537.99000
Sum of the squares =                   357510.20900
Standard deviation (S) =                 199.30719
Variance (S squared) =                 39723.35656
Standard error (s sub xbar) =             63.02647
Coefficient of variation =                 5.63335

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                        3395.42413
Midpoint of 95% interval (MEAN) is:                3537.99000
High end of 95% interval is:                       3680.55587
Total length of 95% interval is:                    285.13174
Half length of 95% interval is:                     142.56587

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                        3333.15398
Midpoint of 99% interval (MEAN) is:                3537.99000
High end of 99% interval is:                       3742.82602
Total length of 95% interval is:                    409.67204
Half length of 99% interval is:                     204.83602

***** 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 FLIGHT AEM (RFA) SOLEUS MUSCLE FIBER AREA

                 Here is the RAW DATA:
                 --------------------
                          1807.00000
                          1525.60000
                          1227.00000
                          1371.90000
                          1736.90000

Number of data points (N) =         5

Sum of the individual data points =      7668.40000
Mean =                                   1533.68000
Sum of the squares =                   236292.86800
Standard deviation (S) =                  243.04982
Variance (S squared) =                  59073.21700
Standard error (s sub xbar) =             108.69519
Coefficient of variation =                 15.84749

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                        1231.94216
Midpoint of 95% interval (MEAN) is:                1533.68000
High end of 95% interval is:                       1835.41784
Total length of 95% interval is:                    603.47567
Half length of 95% interval is:                     301.73784

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                        1033.24736
Midpoint of 99% interval (MEAN) is:                1533.68000
High end of 99% interval is:                       2034.11264
Total length of 95% interval is:                   1000.86527
Half length of 99% interval is:                     500.43264

***** 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 FLIGHT AEM (DRFA) SOLEUS MUSCLE FIBER AREA

                 Here is the RAW DATA:
                 --------------------
                           2772.40000
                           2713.30000
                           2738.00000
                           2345.00000
                           3021.90000

Number of data points (N) =          5

Sum of the individual data points =     13590.60000
Mean =                                   2718.12000
Sum of the squares =                   234865.58800
Standard deviation (S) =                 242.31467
Variance (S squared) =                 58716.39700
Standard error (s sub xbar) =            108.36641
Coefficient of variation =                 8.91479

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                          2417.29484
Midpoint of 95% interval (MEAN) is:                  2718.12000
High end of 95% interval is:                         3018.94516
Total length of 95% interval is:                      601.65032
Half length of 95% interval is:                       300.82516

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                          2219.20104
Midpoint of 99% interval (MEAN) is:                  2718.12000
High end of 99% interval is:                         3217.03896
Total length of 95% interval is:                      997.83793
Half length of 99% interval is:                       498.91896

***** 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 FLIGHT AEM (RFA) SOLEUS MUSCLE AREA / BODY WGT RATIOS

                Here is the RAW DATA:
                --------------------
                            5.48000
                            4.34000
                            3.19000
                            4.32000
                            5.32000

 Number of data points (N) =        5

 Sum of the individual data points =        22.65000
 Mean =                                      4.53000
 Sum of the squares =                        3.40240
 Standard deviation (S) =                    0.92228
 Variance (S squared) =                      0.85060
 Standard error (s sub xbar) =               0.41246
 Coefficient of variation =                 20.35938

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

 95% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 95% interval is:                         3.38502
 Midpoint of 95% interval (MEAN) is:                 4.53000
 High end of 95% interval is:                        5.67498
 Total length of 95% interval is:                    2.28996
 Half length of 95% interval is:                     1.14498

 99% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 99% interval is:                         2.63105
 Midpoint of 99% interval (MEAN) is:                 4.53000
 High end of 99% interval is:                        6.42895
 Total length of 95% interval is:                    3.79790
 Half length of 99% interval is:                     1.89895

***** 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 FLIGHT AEM (DRFA) SOLEUS MUSCLE AREA / BODY WGT

                Here is the RAW DATA:
                --------------------
                            8.66000
                            7.25000
                            8.15000
                            7.02000
                            9.05000

Number of data points (N) =        5

Sum of the individual data points =        40.13000
Mean =                                      8.02600
Sum of the squares =                        3.08012
Standard deviation (S) =                    0.87751
Variance (S squared) =                      0.77003
Standard error (s sub xbar) =               0.39244
Coefficient of variation =                 10.93339

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                         6.93660
Midpoint of 95% interval (MEAN) is:                 8.02600
High end of 95% interval is:                        9.11540
Total length of 95% interval is:                    2.17880
Half length of 95% interval is:                     1.08940

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                         6.21922
Midpoint of 99% interval (MEAN) is:                 8.02600
High end of 99% interval is:                        9.83278
Total length of 95% interval is:                    3.61355
```