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

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

  SLS-1 LVR SOLEUS ABNORMAL FIBERS / SQUARE MM

            Here is the RAW DATA:
            ----------------------
                        0.64000
                        1.34000
                        2.34000
                        0.95000
                        2.63000
                        1.65000
                        2.48000
                        1.74000
                        0.66000
                        0.71000

Number of data points (N) =         10

Sum of the individual data points =      15.14000
Mean =                                    1.51400
Sum of the squares =                      5.41844
Standard deviation (S) =                  0.77592
Variance (S squared) =                    0.60205
Standard error (s sub xbar) =             0.24537
Coefficient of variation =               51.24954

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                   0.95898
Midpoint of 95% interval (MEAN) is:           1.51400
High end of 95% interval is:                  2.06902
Total length of 95% interval is:              1.11004
Half length of 95% interval is:               0.55502

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                   0.71656
Midpoint of 99% interval (MEAN) is:           1.51400
High end of 99% interval is:                  2.31144
Total length of 95% interval is:              1.59488
Half length of 99% interval is:               0.79744

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

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

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

 SLS-1 RVR SOLEUS ABNORMAL FIBERS / SQUARE MM

                  Here is the RAW DATA:
                  --------------------
                              2.76000
                              2.05000
                              1.26000
                              1.27000
                              2.16000
                              0.72000
                              0.45000
                              2.45000
                              0.92000
                              1.01000

Number of data points (N) =          10

Sum of the individual data points =      15.05000
Mean =                                    1.50500
Sum of the squares =                      5.62585
Standard deviation (S) =                  0.79063
Variance (S squared) =                    0.62509
Standard error (s sub xbar) =             0.25002
Coefficient of variation =               52.53350

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                        0.93946
Midpoint of 95% interval (MEAN) is:                1.50500
High end of 95% interval is:                       2.07054
Total length of 95% interval is:                   1.13109
Half length of 95% interval is:                    0.56554

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                        0.69244
Midpoint of 99% interval (MEAN) is:                1.50500
High end of 99% interval is:                       2.31756
Total length of 95% interval is:                   1.62512
Half length of 99% interval is:                    0.81256

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

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

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

 SLS-1 RFR SOLEUS ABNORMAL FIBERS / SQUARE MM

                Here is the RAW DATA:
                ----------------------
                            2.21000
                            1.53000
                            1.93000
                            0.98000
                            2.46000
                            1.91000
                            1.61000
                            1.83000
                            2.00000
                            1.72000

Number of data points (N) =          10

Sum of the individual data points =      18.18000
Mean =                                    1.81800
Sum of the squares =                      1.45816
Standard deviation (S) =                  0.40251
Variance (S squared) =                    0.16202
Standard error (s sub xbar) =             0.12729
Coefficient of variation =               22.14050

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                       1.53008
Midpoint of 95% interval (MEAN) is:               1.81800
High end of 95% interval is:                      2.10592
Total length of 95% interval is:                  0.57584
Half length of 95% interval is:                   0.28792

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                       1.40432
Midpoint of 99% interval (MEAN) is:               1.81800
High end of 99% interval is:                      2.23168
Total length of 95% interval is:                  0.82736
Half length of 99% interval is:                   0.41368

***** 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 MVR SOLEUS ABNORMAL FIBERS / SQUARE MM

                 Here is the RAW DATA:
                 --------------------
                         0.80000
                         1.66000
                         5.44000
                         2.91000
                         1.44000
                         4.25000
                         0.43000
                         2.93000
                         1.29000
                         1.31000

Number of data points (N) =        10

Sum of the individual data points =      22.46000
Mean =                                    2.24600
Sum of the squares =                     23.29824
Standard deviation (S) =                  1.60894
Variance (S squared) =                    2.58869
Standard error (s sub xbar) =             0.50879
Coefficient of variation =               71.63587

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                        1.09511
Midpoint of 95% interval (MEAN) is:                2.24600
High end of 95% interval is:                       3.39689
Total length of 95% interval is:                   2.30178
Half length of 95% interval is:                    1.15089

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                        0.59243
Midpoint of 99% interval (MEAN) is:                2.24600
High end of 99% interval is:                       3.89957
Total length of 95% interval is:                   3.30715
Half length of 99% interval is:                    1.65357

***** 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 MFR SOLEUS ABNORMAL FIBERS / SQUARE MM

              Here is the RAW DATA:
              --------------------
                        1.93000
                        2.09000
                        0.71000
                        0.89000
                        0.88000
                        0.61000
                        1.47000
                        1.32000
                       18.95000

Number of data points (N) =          9

Sum of the individual data points =      28.85000
Mean =                                    3.20556
Sum of the squares =                    281.06122
Standard deviation (S) =                  5.92728
Variance (S squared) =                   35.13265
Standard error (s sub xbar) =             1.97576
Coefficient of variation =              184.90649

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:              -1.35055
Midpoint of 95% interval (MEAN) is:       3.20556
High end of 95% interval is:              7.76166
Total length of 95% interval is:          9.11221
Half length of 95% interval is:           4.55610

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:              -3.42312
Midpoint of 99% interval (MEAN) is:       3.20556
High end of 99% interval is:              9.83423
Total length of 95% interval is:         13.25735
Half length of 99% interval is:           6.62868

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

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

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

SLS-1 DFPT LVR ABNORMAL FIBERS / SQUARE MM

                 Here is the RAW DATA:
                 ----------------------
                           4.40000
                           2.37000
                           2.36000
                           3.82000
                           2.83000
                           3.13000
                           0.91000
                           1.41000
                           2.48000
                           3.53000

Number of data points (N) =        10

Sum of the individual data points =      27.24000
Mean =                                    2.72400
Sum of the squares =                     10.17044
Standard deviation (S) =                  1.06304
Variance (S squared) =                    1.13005
Standard error (s sub xbar) =             0.33616
Coefficient of variation =               39.02487

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                        1.96360
Midpoint of 95% interval (MEAN) is:                2.72400
High end of 95% interval is:                       3.48440
Total length of 95% interval is:                   1.52080
Half length of 95% interval is:                    0.76040

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                        1.63147
Midpoint of 99% interval (MEAN) is:                2.72400
High end of 99% interval is:                       3.81653
Total length of 95% interval is:                   2.18505
Half length of 99% interval is:                    1.09253

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

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

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

    SLS-1 DFPT RVR SOLEUS ABNORMAL FIBERS / SQUARE MM

                    Here is the RAW DATA:
                    --------------------
                                4.54000
                                6.58000
                                4.53000
                                3.21000
                                0.93000
                                3.78000
                                3.81000
                                4.66000
                                4.25000
                                2.01000

Number of data points (N) =          10

Sum of the individual data points =        38.30000
Mean =                                      3.83000
Sum of the squares =                       21.53160
Standard deviation (S) =                    1.54674
Variance (S squared) =                      2.39240
Standard error (s.sub xbar) =               0.48912
Coefficient of variation =                 40.38482

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                         2.72361
Midpoint of 95% interval (MEAN) is:                 3.83000
High end of 95% interval is:                        4.93639
Total length of 95% interval is:                    2.21279
Half length of 95% interval is:                     1.10639

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                         2.24035
Midpoint of 99% interval (MEAN) is:                 3.83000
High end of 99% interval is:                        5.41965
Total length of 95% interval is:                    3.17929
Half length of 99% interval is:                     1.58965

***** 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 RFR SOLEUS ABNORMAL FIBERS / SQUARE MM

              Here is the RAW DATA:
              --------------------
                          0.91000
                          2.22000
                          2.14000
                          2.44000
                          0.89000
                          1.67000
                          0.80000
                          1.38000
                          1.52000
                          2.54000

Number of data points (N) =          10

Sum of the individual data points =      16.51000
Mean =                                    1.65100
Sum of the squares =                      3.91909
Standard deviation (S) =                  0.65989
Variance (S squared) =                    0.43545
Standard error (s sub xbar) =             0.20868
Coefficient of variation =               39.96909

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                      1.17898
Midpoint of 95% interval (MEAN) is:              1.65100
High end of 95% interval is:                     2.12302
Total length of 95% interval is:                 0.94405
Half length of 95% interval is:                  0.47202

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                      0.97280
Midpoint of 99% interval (MEAN) is:              1.65100
High end of 99% interval is:                     2.32920
Total length of 95% interval is:                 1.35639
Half length of 99% interval is:                  0.67820

***** 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 MVR SOLEUS ABNORMAL FIBERS / SQUARE MM

                    Here is the RAW DATA:
                    --------------------
                             4.70000
                             5.30000
                            22.94000
                             3.90000
                             8.53000
                             5.45000
                             1.95000
                             4.98000
                            10.30000
                             2.22000

Number of data points (N) =          10

Sum of the individual data points =        70.27000
Mean =                                      7.02700
Sum of the squares =                      339.93101
Standard deviation (S) =                    6.14574
Variance (S squared) =                     37.77011
Standard error (s sub xbar) =               1.94345
Coefficient of variation =                 87.45893

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                         2.63091
Midpoint of 95% interval (MEAN) is:                 7.02700
High end of 95% interval is:                       11.42309
Total length of 95% interval is:                    8.79218
Half length of 95% interval is:                     4.39609

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                         0.71078
Midpoint of 99% interval (MEAN) is:                 7.02700
High end of 99% interval is:                       13.34322
Total length of 95% interval is:                   12.63245
Half length of 99% interval is:                     6.31622

***** 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 MFR SOLEUS ABNORMAL FIBERS / SQUARE MM

                    Here is the RAW DATA:
                    --------------------
                                3.00000
                                2.93000
                                3.70000
                                4.83000
                                4.72000
                                2.85000
                                3.67000
                                5.53000
                                6.12000

Number of data points (N) =           9

Sum of the individual data points =      37.35000
Mean =                                    4.15000
Sum of the squares =                     11.50640
Standard deviation (S) =                  1.19929
Variance (S squared) =                    1.43830
Standard error (s sub xbar) =             0.39976
Coefficient of variation =               28.89859

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                       3.22814
Midpoint of 95% interval (MEAN) is:               4.15000
High end of 95% interval is:                      5.07186
Total length of 95% interval is:                  1.84371
Half length of 95% interval is:                   0.92186

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                       2.80879
Midpoint of 99% interval (MEAN) is:               4.15000
High end of 99% interval is:                      5.49121
Total length of 95% interval is:                  2.68242
Half length of 99% interval is:                   1.34121

***** 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+1 SOLEUS ABNORMAL FIBERS / SQUARE MM

                   Here is the RAW DATA:
                   ----------------------
                              4.25000
                              0.88000
                              1.23000
                              0.58000
                              8.59000
                              2.09000
                              0.82000
                              1.39000
                              2.17000
                              1.23000

Number of data points (N) =           10

Sum of the individual data points =      23.23000
Mean =                                    2.32300
Sum of the squares =                     53.70541
Standard deviation (S) =                  2.44280
Variance (S squared) =                    5.96727
Standard error (s sub xbar) =             0.77248
Coefficient of variation =              105.15709

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                 0.57565
Midpoint of 95% interval (MEAN) is:         2.32300
High end of 95% interval is:                4.07035
Total length of 95% interval is:            3.49470
Half length of 95% interval is:             1.74735

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                -0.18756
Midpoint of 99% interval (MEAN) is:         2.32300
High end of 99% interval is:                4.83356
Total length of 95% interval is:            5.02113
Half length of 99% interval is:             2.51056

***** 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 ABNORMAL FIBERS / SQ MM

                   Here is the RAW DATA:
                 ----------------------
                              3.04000
                              2.65000
                              1.40000
                              1.21000
                              1.64000

Number of data points (N) =            5

Sum of the individual data points =       9.94000
Mean =                                    1.98800
Sum of the squares =                      2.61708
Standard deviation (S) =                  0.80887
Variance (S squared) =                    0.65427
Standard error (s sub xbar) =             0.36174
Coefficient of variation =               40.68760

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                   0.98382
Midpoint of 95% interval (MEAN) is:           1.98800
High end of 95% interval is:                  2.99218
Total length of 95% interval is:              2.00837
Half length of 95% interval is:               1.00418

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                   0.32256
Midpoint of 99% interval (MEAN) is:           1.98800
High end of 99% interval is:                  3.65344
Total length of 95% interval is:              3.33088
Half length of 99% interval is:               1.66544

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

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

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

SLS-1 DFPT R+0 AEM FLIGHT (DRFA) SOLEUS ABNORMAL FIBERS / SQ MM

            Here is the RAW DATA:
            -----------------------
                        1.41000
                        2.42000
                        2.29000
                        1.57000
                        1.67000

Number of data points (N) =          5

Sum of the individual data points =      9.36000
Mean =                                   1.87200
Sum of the squares =                     0.82048
Standard deviation (S) =                 0.45290
Variance (S squared) =                   0.20512
Standard error (s sub xbar) =            0.20254
Coefficient of variation =              24.19347

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                      1.30974
Midpoint of 95% interval (MEAN) is:              1.87200
High end of 95% interval is:                     2.43426
Total length of 95% interval is:                 1.12452
Half length of 95% interval is:                  0.56226

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                      0.93949
Midpoint of 99% interval (MEAN) is:              1.87200
High end of 99% interval is:                     2.80451
Total length of 95% interval is:                 1.86502
Half length of 99% interval is:                  0.93251

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

CUREALL

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

RAHF VIVARIUM SOLEUS L+0 ABNORMAL FIBERS

Here is the RAW DATA:
5.00000
8.00000
18.00000
8.00000
26.00000
13.00000
17.00000
12.00000
6.00000
5.00000

Number of data points (N) =   10

Sum of the individual data points=   118.00000
Mean=   11.80000
Sum of the squares   423.60000
Standard deviation (S)=   6.86052
Variance (S squared)=   47.06667
Standard error (s sub xbar)=   2.16949
Coefficient of variation=   58.13996

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 6.89262
Midpoint of 95% interval (MEAN) is: 11.80000
High end of 95% interval is: 16.70738
Total length of 95% interval is: 9.81475
Half length of 95% interval is: 4.90738

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 4.74917
Midpoint of 99% interval (MEAN) is: 11.80000
High end of 99% interval is: 18.85083
Total length of 99% interval is: 14.10165
Half length of 99% interval is: 7.05083

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

CUREALL

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

RAHF VIVARIUM SOLEUS R+0 ABNORMAL FIBERS

Here is the RAW DATA:
29.00000
22.00000
10.00000
11.00000
18.00000
5.00000
5.00000
29.00000
8.00000
11.00000

Number of data points (N) =   10

Sum of the individual data points=   148.00000
Mean=   14.80000
Sum of the squares   755.60000
Standard deviation (S)=   9.16273
Variance (S squared)=   83.95556
Standard error (s sub xbar)=   2.89751
Coefficient of variation=   61.91031

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 8.24584
Midpoint of 95% interval (MEAN) is: 14.80000
High end of 95% interval is: 21.35416
Total length of 95% interval is: 13.10833
Half length of 95% interval is: 6.55416

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 5.38310
Midpoint of 99% interval (MEAN) is: 14.80000
High end of 99% interval is: 24.21690
Total length of 99% interval is: 18.83381
Half length of 99% interval is: 9.41690

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

CUREALL

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

RAHF FLIGHT SOLEUS R+0 ABNORMAL FIBERS

Here is the RAW DATA:
13.90000
9.00000
8.30000
4.40000
11.30000
10.30000
7.40000
11.70000
11.00000
10.30000

Number of data points (N) =   10

Sum of the individual data points=   97.60000
Mean=   9.76000
Sum of the squares   62.40400
Standard deviation (S)=   2.63321
Variance (S squared)=   6.93378
Standard error (s sub xbar)=   0.83269
Coefficient of variation=   26.97958

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 7.87645
Midpoint of 95% interval (MEAN) is: 9.76000
High end of 95% interval is: 11.64355
Total length of 95% interval is: 3.76710
Half length of 95% interval is: 1.88355

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 7.05375
Midpoint of 99% interval (MEAN) is: 9.76000
High end of 99% interval is: 12.46625
Total length of 99% interval is: 5.41251
Half length of 99% interval is: 2.70625

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

CUREALL

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

RAHF VIVARIUM SOLEUS R+ML ABNORMAL FIBERS

Here is the RAW DATA:
6.00000
15.00000
60.00000
23.00000
13.00000
48.00000
4.00000
32.00000
11.00000
13.00000

Number of data points (N) =   10

Sum of the individual data points=   225.00000
Mean=   22.50000
Sum of the squares   3130.50000
Standard deviation (S)=   18.65029
Variance (S squared)=   347.83333
Standard error (s sub xbar)=   5.89774
Coefficient of variation=   82.89018

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 9.15931
Midpoint of 95% interval (MEAN) is: 22.50000
High end of 95% interval is: 35.84069
Total length of 95% interval is: 26.68137
Half length of 95% interval is: 13.34069

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 3.33235
Midpoint of 99% interval (MEAN) is: 22.50000
High end of 99% interval is: 41.66765
Total length of 99% interval is: 38.33531
Half length of 99% interval is: 19.16765

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

CUREALL

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

RAHF FLIGHT SOLEUS R+ML ABNORMAL FIBERS

Here is the RAW DATA:
17.00000
19.00000
6.00000
7.00000
8.00000
5.00000
11.00000
12.00000
116.00000

Number of data points (N) =   9

Sum of the individual data points=   201.00000
Mean=   22.33333
Sum of the squares   10056.00000
Standard deviation (S)=   35.45420
Variance (S squared)=   1257.00000
Standard error (s sub xbar)=   11.81807
Coefficient of variation=   158.75013

T value. 95%=   2.30600
T value, 99%=   3.35500
95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: -4.91913
Midpoint of 95% interval (MEAN) is: 22.33333
High end of 95% interval is: 49.58579
Total length of 95% interval is: 54.50492
Half length of 95% interval is: 27.25246

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: -17.31628
Midpoint of 99% interval (MEAN) is: 22.33333
High end of 99% interval is: 61.98294
Total length of 99% interval is: 79.29922
Half length of 99% interval is: 39.64961

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

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

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

SLS-1 DFPT L+0 RAHF (LVR) ABNORMAL FIBER COUNTS

                   Here is the RAW DATA:
                   --------------------
                             31.00000
                             19.00000
                             24.00000
                             30.00000
                             20.00000
                             20.00000
                              7.00000
                             10.00000
                             22.00000
                             34.00000

Number of data points (N) =          10

Sum of the individual data points =      217.00000
Mean =                                    21.70000
Sum of the squares =                     678.10000
Standard deviation (S) =                   8.68012
Variance (S squared) =                    75.34444
Standard error (s sub xbar) =              2.74489
Coefficient of variation =                40.00054

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                       15.49105
Midpoint of 95% interval (MEAN) is:               21.70000
High end of 95% interval is:                      27.90895
Total length of 95% interval is:                  12.41790
Half length of 95% interval is:                    6.20895

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                       12.77909
Midpoint of 99% interval (MEAN) is:               21.70000
High end of 99% interval is:                      30.62091
Total length of 95% interval is:                  17.84181
Half length of 99% interval is:                    8.92091

***** 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 DEPT R+0 VIVARIUM RAHF (RVR) ABNORMAL FIBER COUNTS

            Here is the RAW DATA:
        ---------------------------
                    45.00000
                    51.00000
                    34.00000
                    24.00000
                     7.00000
                    35.00000
                    41.00000
                    47.00000
                    37.00000
                    21.00000

Number of data points (N) =           10

Sum of the individual data points =      342.00000
Mean =                                    34.20000
Sum of the squares =                    1655.60000
Standard deviation (S) =                  13.48085
Variance (S squared) =                   181.73333
Standard error (s sub xbar) =              4.26302
Coefficient of variation =                39.41769

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                         24.55705
Midpoint of 95% interval (MEAN) is:                 34.20000
High end of 95% interval is:                        43.84295
Total length of 95% interval is:                    19.28590
Half length of 95% interval is:                      9.64295

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                         20.34519
Midpoint of 99% interval (MEAN) is:                 34.20000
High end of 99% interval is:                        48.05481
Total length of 95% interval is:                    27.70963
Half length of 99% interval is:                     13.85481

***** END OF CUREALL RUN *****
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DEPT RAHF Flight

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

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

 RAHF CONTROL SOLEUS R+0 ABNORMAL FIBERS

             Here is the RAW DATA:
        -----------------------------------
                            8.60000
                           24.60000
                           16.70000
                           22.00000
                            5.60000
                           10.00000
                            7.10000
                           11.70000
                           12.30000
                           23.60000

 Number of data points (N) =            10

 Sum of the individual data points =     142.20000
 Mean =                                    14.22000
 Sum of the squares =                     446.83600
 Standard deviation (S) =                   7.04617
 Variance (S squared) =                    49.64844
 Standard error (s sub xbar) =              2.22819
 Coefficient of variation =                49.55109

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

 95% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 95% interval is:                        9.17983
 Midpoint of 95% interval (MEAN) is:               14.22000
 High end of 95% interval is:                      19.26017
 Total length of 95% interval is:                  10.08035
 Half length of 95% interval is:                    5.04017

 99% CONFIDENCE INTERVAL IS AS FOLLOWS:

 Low end of 99% interval is:                        6.97837
 Midpoint of 99% interval (MEAN) is:               14.22000
 High end of 99% interval is:                      21.46163
 Total length of 95% interval is:                  14.48326
 Half length of 99% interval is:                    7.24163

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

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

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

   SLS-1 DFPT R+ML VIVARIUM RAHF (MVR) ABNORMAL FIBER COUNTS

              Here is the RAW DATA:
              --------------------
                        47.00000
                        55.00000
                       245.00000
                        38.00000
                       103.00000
                        50.00000
                        19.00000
                        51.00000
                        99.00000
                        22.00000

Number of data points (N) =          10

Sum of the individual data points =      729.00000
Mean =                                    72.90000
Sum of the squares =                   39914.90000
Standard deviation (S) =                  66.59571
Variance (S squared) =                  4434.98889
Standard error (s sub xbar) =             21.05941
Coefficient of variation =                91.35214

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                         25.26361
Midpoint of 95% interval (MEAN) is:                 72.90000
High end of 95% interval is:                       120.53639
Total length of 95% interval is:                    95.27279
Half length of 95% interval is:                     47.63639

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                          4.45691
Midpoint of 99% interval (MEAN) is:                 72.90000
High end of 99% interval is:                       141.34309
Total length of 95% interval is:                   136.88619
Half length of 99% interval is:                     68.44309

***** END OF CUREALL RUN *****
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```
***    C U R E A L L    ***
          V2.60 Dec 93 - by Stanley Kaplan, Ph.D.

   SLS-1 DFPT R+ML FLIGHT RAHF (MFR) ABNORMAL FIBER COUNTS

                    Here is the RAW DATA:
                    --------------------
                              38.00000
                              28.00000
                              46.00000
                              54.00000
                              48.00000
                              32.00000
                              42.00000
                              58.00000
                              64.00000

Number of data points (N) =           9

Sum of the individual data points =      410.00000
Mean =                                    45.55556
Sum of the squares =                    1134.22222
Standard deviation (S) =                  11.90705
Variance (S squared) =                   141.77778
Standard error (s sub xbar) =              3.96902
Coefficient of variation =                26.13742

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                       36.40301
Midpoint of 95% interval (MEAN) is:               45.55556
High end of 95% interval is:                      54.70811
Total length of 95% interval is:                  18.30510
Half length of 95% interval is:                    9.15255

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                       32.23951
Midpoint of 99% interval (MEAN) is:               45.55556
High end of 99% interval is:                      58.87160
Total length of 95% interval is:                  26.63210
Half length of 99% interval is:                   13.31605

***** 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 SOLEUS ABNORMAL FIBER COUNTS

                    Here is the RAW DATA:
                    --------------------
                              38.00000
                              10.00000
                              15.00000
                               6.00000
                               6.00000
                              21.00000
                               9.00000
                              14.00000
                              25.00000
                              11.00000

Number of data points (N) =            10

Sum of the individual data points =      155.00000
Mean =                                    15.50000
Sum of the squares =                     902.50000
Standard deviation (S) =                  10.01388
Variance (S squared) =                   100.27778
Standard error (s sub xbar) =              3.16667
Coefficient of variation =                64.60567

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:               - 8.33700
Midpoint of 95% interval (MEAN) is:        15.50000
High end of 95% interval is:               22.66300
Total length of 95% interval is:           14.32600
Half length of 95% interval is:             7.16300

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                 5.20833
Midpoint of 99% interval (MEAN) is:        15.50000
High end of 99% interval is:               25.79167
Total length of 95% interval is:           20.58333
Half length of 99% interval is:            10.29167

***** 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 ABNORMAL FIBERS

              Here is the RAW DATA:
              ------------------------
                        20.70000
                        12.70000
                         6.00000
                         6.30000
                         8.70000

Number of data points (N) =            5

Sum of the individual data points =      54.40000
Mean =                                   10.88000
Sum of the squares =                    149.28800
Standard deviation (S) =                  6.10917
Variance (S squared) =                   37.32200
Standard error (s sub xbar) =             2.73211
Coefficient of variation =               56.15049

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:               3.29568
Midpoint of 95% interval (MEAN) is:      10.88000
High end of 95% interval is:             18.46432
Total length of 95% interval is:         15.16865
Half length of 95% interval is:           7.58432

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:              -1.69861
Midpoint of 99% interval (MEAN) is:      10.88000
High end of 99% interval is:             23.45861
Total length of 95% interval is:         25.15723
Half length of 99% interval is:          12.57861

***** 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 ABNORMAL FIBERS

              Here is the RAW DATA:
              ---------------------
                        10.00000
                        21.30000
                        19.70000
                        11.00000
                        12.00000

Number of data points (N) =          5

Sum of the individual data points =      74.00000
Mean =                                   14.80000
Sum of the squares =                    111.58000
Standard deviation (S) =                  5.28157
Variance (S squared) =                   27.89500
Standard error (s sub xbar) =             2.36199
Coefficient of variation =               35.68630

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:                       8.24311
Midpoint of 95% interval (MEAN) is:              14.80000
High end of 95% interval is:                     21.35689
Total length of 95% interval is:                 13.11377
Half length of 95% interval is:                   6.55689

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:                       3.92539
Midpoint of 99% interval (MEAN) is:              14.80000
High end of 99% interval is:                     25.67461
Total length of 95% interval is:                 21.74921
Half length of 99% interval is:                  10.87461

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