

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

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

SLS-1 R+0 RAHF FLIGHT (RFR) ADDUCTOR LONGUS [MAST CELL]

Here is the RAW DATA:

9.30000
8.00000
9.70000
6.70000
9.00000
7.70000
7.60000
6.00000
7.30000

Number of data points (N) = 9

Sum of the individual data points = 71.30000
Mean = 7.92222
Sum of the squares = 11.95556
Standard deviation (S) = 1.22247
Variance (S squared) = 1.49444
Standard error (s sub xbar) = 0.40749
Coefficient of variation = 15.43096

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 6.98255
Midpoint of 95% interval (MEAN) is: 7.92222
High end of 95% interval is: 8.86190
Total length of 95% interval is: 1.87935
Half length of 95% interval is: 0.93968

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 6.55509
Midpoint of 99% interval (MEAN) is: 7.92222
High end of 99% interval is: 9.28936
Total length of 99% interval is: 2.73427
Half length of 99% interval is: 1.36713

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

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

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

SLS-1 R+0 AEM FLIGHT (RFA) ADDUCTOR LONGUS [MAST CELL]

Here is the RAW DATA:

14.00000
8.50000
9.00000
10.70000
13.70000

Number of data points (N) = 5

Sum of the individual data points = 55.90000
Mean = 11.18000
Sum of the squares = 26.46800
Standard deviation (S) = 2.57235
Variance (S squared) = 6.61700
Standard error (s sub xbar) = 1.15039
Coefficient of variation = 23.00852

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 7.98651
Midpoint of 95% interval (MEAN) is: 11.18000
High end of 95% interval is: 14.37349
Total length of 95% interval is: 6.38697
Half length of 95% interval is: 3.19349

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 5.88360
Midpoint of 99% interval (MEAN) is: 11.18000
High end of 99% interval is: 16.47640
Total length of 99% interval is: 10.59280
Half length of 99% interval is: 5.29640

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

*** CUREALL ***

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

SLS-1 DFPT R+O RAHF FLIGHT (DRFR) ADDUCTOR LONGUS [MAST CELL]

Here is the RAW DATA:

7.70000
13.30000
10.00000
17.70000
8.30000
8.30000
10.30000
9.00000
7.30000
13.00000

Number of data points (N) = 10

Sum of the individual data points = 104.90000
Mean = 10.49000
Sum of the squares = 96.22900
Standard deviation (S) = 3.26988
Variance (S squared) = 10.69211
Standard error (s sub xbar) = 1.03403
Coefficient of variation = 31.17140

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 8.15103
Midpoint of 95% interval (MEAN) is: 10.49000
High end of 95% interval is: 12.82897
Total length of 95% interval is: 4.67794
Half length of 95% interval is: 2.33897

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 7.12941
Midpoint of 99% interval (MEAN) is: 10.49000
High end of 99% interval is: 13.85059
Total length of 99% interval is: 6.72117
Half length of 99% interval is: 3.36059

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

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

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

SLS-1 DFPT R+O AEM FLIGHT (DRFA) ADDUCTOR LONGUS [MAST CELL]

Here is the RAW DATA:

11.70000
12.00000
11.60000
13.70000
8.30000

Number of data points (N) = 5

Sum of the individual data points = 57.30000
Mean = 11.46000
Sum of the squares = 15.37200
Standard deviation (S) = 1.96036
Variance (S squared) = 3.84300
Standard error (s sub xbar) = 0.87670
Coefficient of variation = 17.10608

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 9.02629
Midpoint of 95% interval (MEAN) is: 11.46000
High end of 95% interval is: 13.89371
Total length of 95% interval is: 4.86743
Half length of 95% interval is: 2.43371

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 7.42368
Midpoint of 99% interval (MEAN) is: 11.46000
High end of 99% interval is: 15.49632
Total length of 99% interval is: 8.07264
Half length of 99% interval is: 4.03632

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

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

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.
SLS-1 R+0^{AEM} FLIGHT AL NON-CONTRACTILE AREA%

Here is the RAW DATA:

14.06000
11.27000
15.19000
14.72000
12.91000

Number of data points '(N) = 5

Sum of the individual data points = 68.15000
Mean = 13.63000
Sum of the squares = 9.89460
Standard deviation (S) = 1.57278
Variance (S squared) = 2.47365
Standard error (s sub xbar) = 0.70337
Coefficient of variation = 11.53914

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 11.67744
Midpoint of 95% interval (MEAN) is: 13.63000
High end of 95% interval is: 15.58256
Total length of 95% interval is: 3.90511
Half length of 95% interval is: 1.95256

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 10.39168
Midpoint of 99% interval (MEAN) is: 13.63000
High end of 99% interval is: 16.86832
Total length of 99% interval is: 6.47664
Half length of 99% interval is: 3.23832

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

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

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

SLS-1 R+0 ^{MEM} CONTROL AL NON-CONTRACTILE AREA%

Here is the RAW DATA:

11.00000
5.11000
6.35000
9.44000
7.71000

Number of data points (N) = 5

Sum of the individual data points = 39.61000
Mean = 7.92200
Sum of the squares = 22.20188
Standard deviation (S) = 2.35594
Variance (S squared) = 5.55047
Standard error (s sub xbar) = 1.05361
Coefficient of variation = 29.73925

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 4.99718
Midpoint of 95% interval (MEAN) is: 7.92200
High end of 95% interval is: 10.84682
Total length of 95% interval is: 5.84964
Half length of 95% interval is: 2.92482

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 3.07118
Midpoint of 99% interval (MEAN) is: 7.92200
High end of 99% interval is: 12.77282
Total length of 99% interval is: 9.70164
Half length of 99% interval is: 4.85082

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

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

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

SLS-1 R+0 RAHF1-5 FLIGHT AL NON-CONTRACTILE AREA%

Here is the RAW DATA:

14.19000
15.25000
14.58000
12.97000

Number of data points ,(N) = 4

Sum of the individual data points =	56.99000
Mean =	14.24750
Sum of the squares =	2.75087
Standard deviation (S) =	0.95758
Variance (S squared) =	0.91696
Standard error (s sub xbar) =	0.47879
Coefficient of variation =	6.72103

T value, 95% =	3.18200
T value, 99% =	5.84100

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:	12.72399
Midpoint of 95% interval (MEAN) is:	14.24750
High end of 95% interval is:	15.77101
Total length of 95% interval is:	3.04702
Half length of 95% interval is:	1.52351

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:	11.45089
Midpoint of 99% interval (MEAN) is:	14.24750
High end of 99% interval is:	17.04411
Total length of 99% interval is:	5.59322
Half length of 99% interval is:	2.79661

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

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

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

SLS-1 R+0 RAHF1-5 CONTROL AL NON-CONTRACTILE AREA%

Here is the RAW DATA:

10.19000
9.22000
9.46000
9.19000
9.15000

Number of data points '(N) = 5

Sum of the individual data points = 47.21000
Mean = 9.44200
Sum of the squares = 0.75788
Standard deviation (S) = 0.43528
Variance (S squared) = 0.18947
Standard error (s sub xbar) = 0.19466
Coefficient of variation = 4.61006

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 8.90161
Midpoint of 95% interval (MEAN) is: 9.44200
High end of 95% interval is: 9.98239
Total length of 95% interval is: 1.08077
Half length of 95% interval is: 0.54039

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 8.54577
Midpoint of 99% interval (MEAN) is: 9.44200
High end of 99% interval is: 10.33823
Total length of 95% interval is: 1.79246
Half length of 99% interval is: 0.89623

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

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

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

SLS-1 R+0 RAHF6-10 FLIGHT AL NON-CONTRACTILE AREA%

Here is the RAW DATA:

18.08000
16.95000
26.97000
14.94000
26.45000

Number of data points (N) = 5

Sum of the individual data points =	103.39000
Mean =	20.67800
Sum of the squares =	126.47748
Standard deviation (S) =	5.62311
Variance (S squared) =	31.61937
Standard error (s sub xbar) =	2.51473
Coefficient of variation =	27.19369

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:	13.69711
Midpoint of 95% interval (MEAN) is:	20.67800
High end of 95% interval is:	27.65889
Total length of 95% interval is:	13.96179
Half length of 95% interval is:	6.98089

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:	9.10018
Midpoint of 99% interval (MEAN) is:	20.67800
High end of 99% interval is:	32.25582
Total length of 95% interval is:	23.15565
Half length of 99% interval is:	11.57782

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

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

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

SLS-1 R+0 RAHF6-10 CONTROL AL NON-CONTRACTILE AREA%

Here is the RAW DATA:

9.29000
11.41000
10.15000
10.76000
9.35000

Number of data points (N) = 5

Sum of the individual data points = 50.96000

Mean = 10.19200

Sum of the squares = 3.33048

Standard deviation (S) = 0.91248

Variance (S squared) = 0.83262

Standard error (s sub xbar) = 0.40807

Coefficient of variation = 8.95291

T value, 95% = 2.77600

T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 9.05919

Midpoint of 95% interval (MEAN) is: 10.19200

High end of 95% interval is: 11.32481

Total length of 95% interval is: 2.26562

Half length of 95% interval is: 1.13281

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 8.31323

Midpoint of 99% interval (MEAN) is: 10.19200

High end of 99% interval is: 12.07077

Total length of 95% interval is: 3.75754

Half length of 99% interval is: 1.87877

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

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

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

SLS-1 R+0 AEM FLIGHT AL [ED-2]

Here is the RAW DATA:

76.00000
105.00000
82.00000
83.00000
101.00000

Number of data points '(N) = 5

Sum of the individual data points = 447.00000

Mean = 89.40000

Sum of the squares = 653.20000

Standard deviation (S) = 12.77889

Variance (S squared) = 163.30000

Standard error (s sub xbar) = 5.71489

Coefficient of variation = 14.29406

T value. 95% = 2.77600

T value. 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 73.53546

Midpoint of 95% interval (MEAN) is: 89.40000

High end of 95% interval is: 105.26454

Total length of 95% interval is: 31.72908

Half length of 95% interval is: 15.86454

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 63.08863

Midpoint of 99% interval (MEAN) is: 89.40000

High end of 99% interval is: 115.71137

Total length of 99% interval is: 52.62273

Half length of 99% interval is: 26.31137

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

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

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

SLS-1 R+0 AEM CONTROL AL [ED-2]

Here is the RAW DATA:

102.00000
102.00000
87.00000
97.00000
122.00000

Number of data points (N) = 5

Sum of the individual data points = 510.00000

Mean = 102.00000

Sum of the squares = 650.00000

Standard deviation (S) = 12.74755

Variance (S squared) = 162.50000

Standard error (s sub xbar) = 5.70088

Coefficient of variation = 12.49760

T value, 95% = 2.77600

T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 86.17437

Midpoint of 95% interval (MEAN) is: 102.00000

High end of 95% interval is: 117.82563

Total length of 95% interval is: 31.65127

Half length of 95% interval is: 15.82563

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 75.75316

Midpoint of 99% interval (MEAN) is: 102.00000

High end of 99% interval is: 128.24684

Total length of 99% interval is: 52.49368

Half length of 99% interval is: 26.24684

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

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

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

SLS-1 R+0 RAHF1-S FLIGHT AL [ED-2]

Here is the RAW DATA:

90.00000
105.00000
90.00000
92.00000

Number of data points ,(N) = 4

Sum of the individual data points = 377.00000
Mean = 94.25000
Sum of the squares = 156.75000
Standard deviation (S) = 7.22842
Variance (S squared) = 52.25000
Standard error (s sub xbar) = 3.61421
Coefficient of variation = 7.66941

T value, 95% = 3.18200
T value, 99% = 5.84100

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 82.74959
Midpoint of 95% interval (MEAN) is: 94.25000
High end of 95% interval is: 105.75041
Total length of 95% interval is: 23.00082
Half length of 95% interval is: 11.50041

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 73.13941
Midpoint of 99% interval (MEAN) is: 94.25000
High end of 99% interval is: 115.36059
Total length of 99% interval is: 42.22118
Half length of 99% interval is: 21.11059

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

*** CUREALL ***

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

SLS-1 R+0 RAHF1-5 CONTROL ^{AL}~~SOLEUS~~ [ED-2]

Here is the RAW DATA:

112.00000
120.00000
104.00000
130.00000
98.00000

Number of data points (N) = 5

Sum of the individual data points = 564.00000
Mean = 112.80000
Sum of the squares = 644.80000
Standard deviation (S) = 12.69646
Variance (S squared) = 161.20000
Standard error (s sub xbar) = 5.67803
Coefficient of variation = 11.25572

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 97.03779
Midpoint of 95% interval (MEAN) is: 112.80000
High end of 95% interval is: 128.56221
Total length of 95% interval is: 31.52441
Half length of 95% interval is: 15.76221

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 86.65836
Midpoint of 99% interval (MEAN) is: 112.80000
High end of 99% interval is: 138.94164
Total length of 99% interval is: 52.28328
Half length of 99% interval is: 26.14164

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

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

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

SLS-1 R+0 RAHF6-10 CONTROL AL [ED-2]

Here is the RAW DATA:

90.00000
110.00000
105.00000
87.00000
95.00000

Number of data points '(N)' = 5

Sum of the individual data points = 487.00000
Mean = 97.40000
Sum of the squares = 385.20000
Standard deviation (S) = 9.81326
Variance (S squared) = 96.30000
Standard error (s sub xbar) = 4.38862
Coefficient of variation = 10.07521

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

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 85.21719
Midpoint of 95% interval (MEAN) is: 97.40000
High end of 95% interval is: 109.58281
Total length of 95% interval is: 24.36563
Half length of 95% interval is: 12.18281

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 77.19479
Midpoint of 99% interval (MEAN) is: 97.40000
High end of 99% interval is: 117.60521
Total length of 99% interval is: 40.41043
Half length of 99% interval is: 20.20521

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

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

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

SLS-1 R+0 RAHF6-10 FLIGHT AL [ED-2]

Here is the RAW DATA:

107.00000
99.00000
712.00000
104.00000
77.00000

Number of data points '(N) = 5

Sum of the individual data points = 1099.00000

Mean = 219.80000

Sum of the squares = 303378.80000

Standard deviation (S) = 275.39916

Variance (S squared) = 75844.70000

Standard error (s sub xbar) = 123.16225

Coefficient of variation = 125.29534

T value, 95% = 2.77600

T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: -122.09841

Midpoint of 95% interval (MEAN) is: 219.80000

High end of 95% interval is: 561.69841

Total length of 95% interval is: 683.79682

Half length of 95% interval is: 341.89841

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: -347.23900

Midpoint of 99% interval (MEAN) is: 219.80000

High end of 99% interval is: 786.83900

Total length of 99% interval is: 1134.07800

Half length of 99% interval is: 567.03900

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