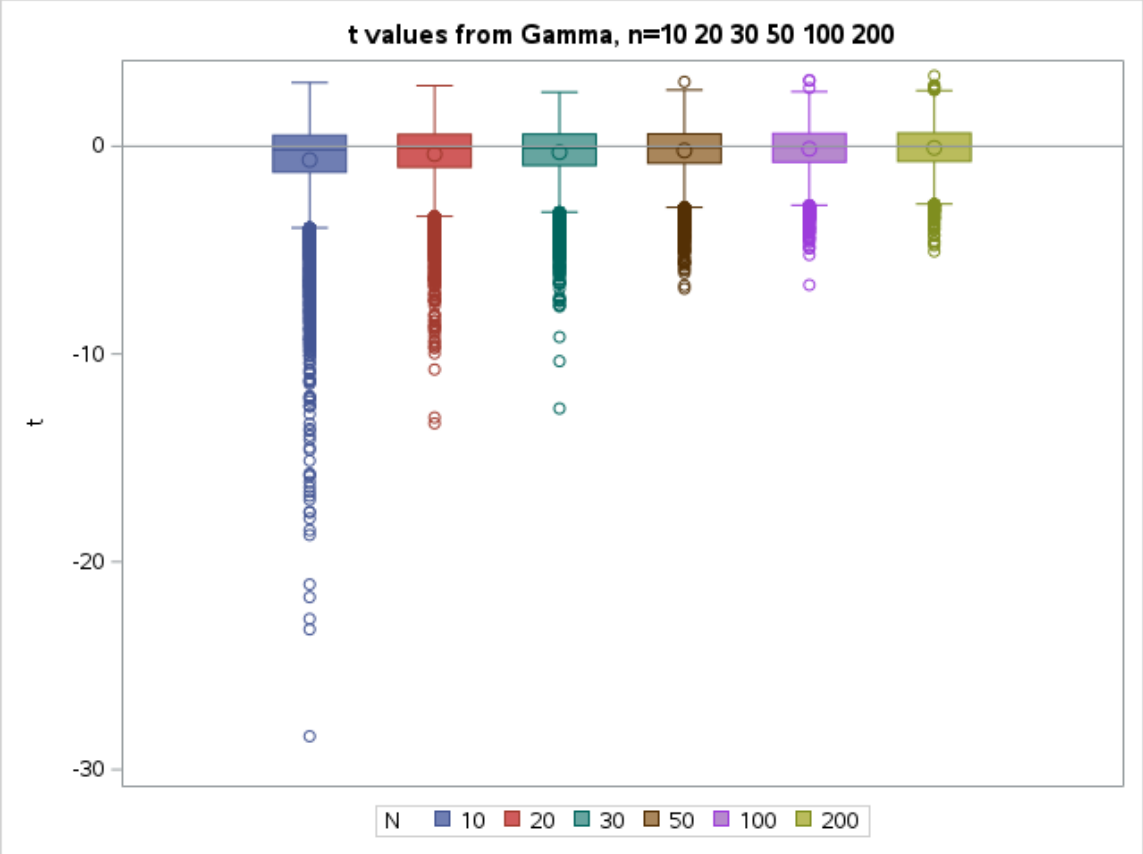
Directory	
Libref	WORK
Engine	V9
Physical Name	/saswork/SAS_work06960000A05D_odaws01-euw1.oda.sas.com/SAS_workC0E10000A05D_odaws01-euw1.oda.sas.com
Filename	/saswork/SAS_work06960000A05D_odaws01-euw1.oda.sas.com/SAS_workC0E10000A05D_odaws01-euw1.oda.sas.com
Inode Number	1074817016
Access Permission	rwx------
Owner Name	u63365319
File Size	4KB
File Size (bytes)	4096

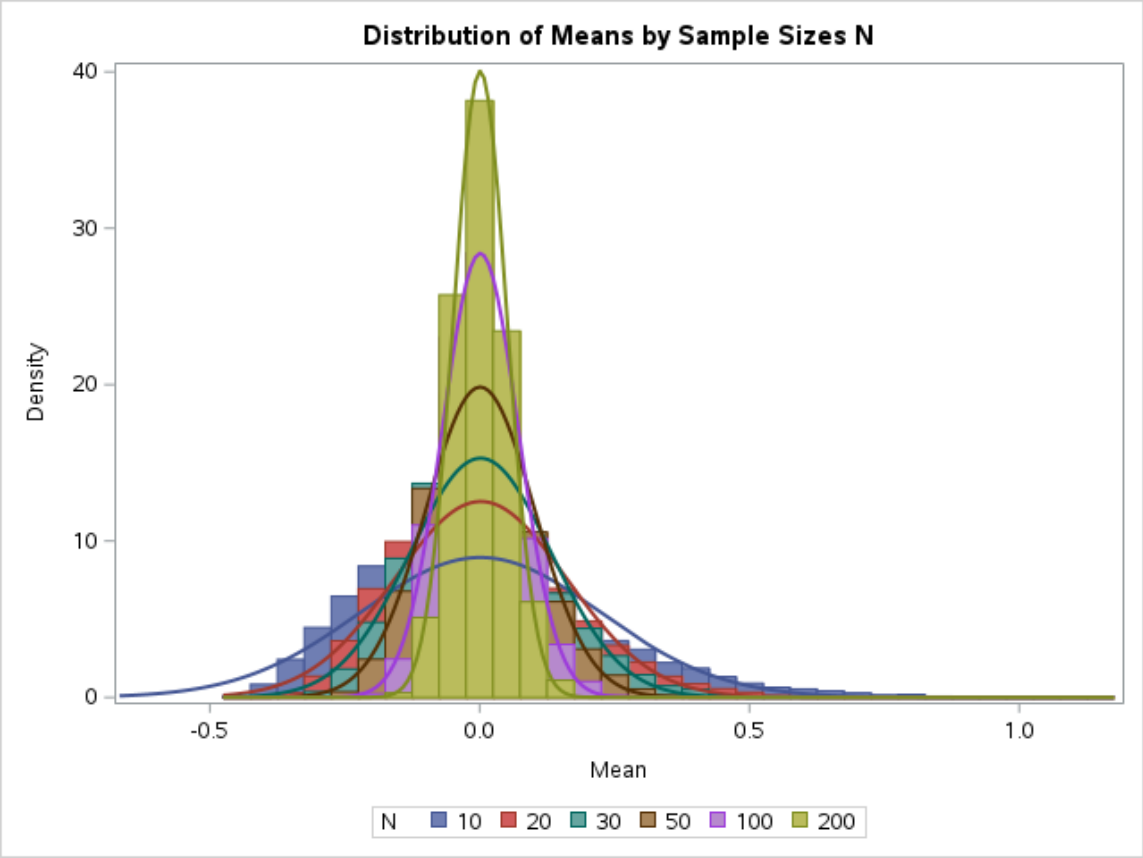
#	Name	Member Type	File Size	Last Modified
1	REGSTRY	ITEMSTOR	32KB	06/02/2023 21:38:25
2	SASGOPT	CATALOG	12KB	06/02/2023 21:38:27
3	SASMAC1	CATALOG	328KB	06/02/2023 21:38:47
4	SASMAC2	CATALOG	20KB	06/02/2023 21:38:25
5	SASMAC3	CATALOG	20KB	06/02/2023 21:38:25
6	SASMAC4	CATALOG	20KB	06/02/2023 21:38:53
7	SASMAC5	CATALOG	20KB	06/02/2023 21:38:25
8	SASMAC6	CATALOG	20KB	06/02/2023 21:38:25
9	SASMAC7	CATALOG	20KB	06/02/2023 21:38:25
10	SASMAC8	CATALOG	20KB	06/02/2023 21:38:25
11	SASMAC9	CATALOG	20KB	06/02/2023 21:38:25
12	SASMACR	CATALOG	20KB	06/02/2023 21:38:47

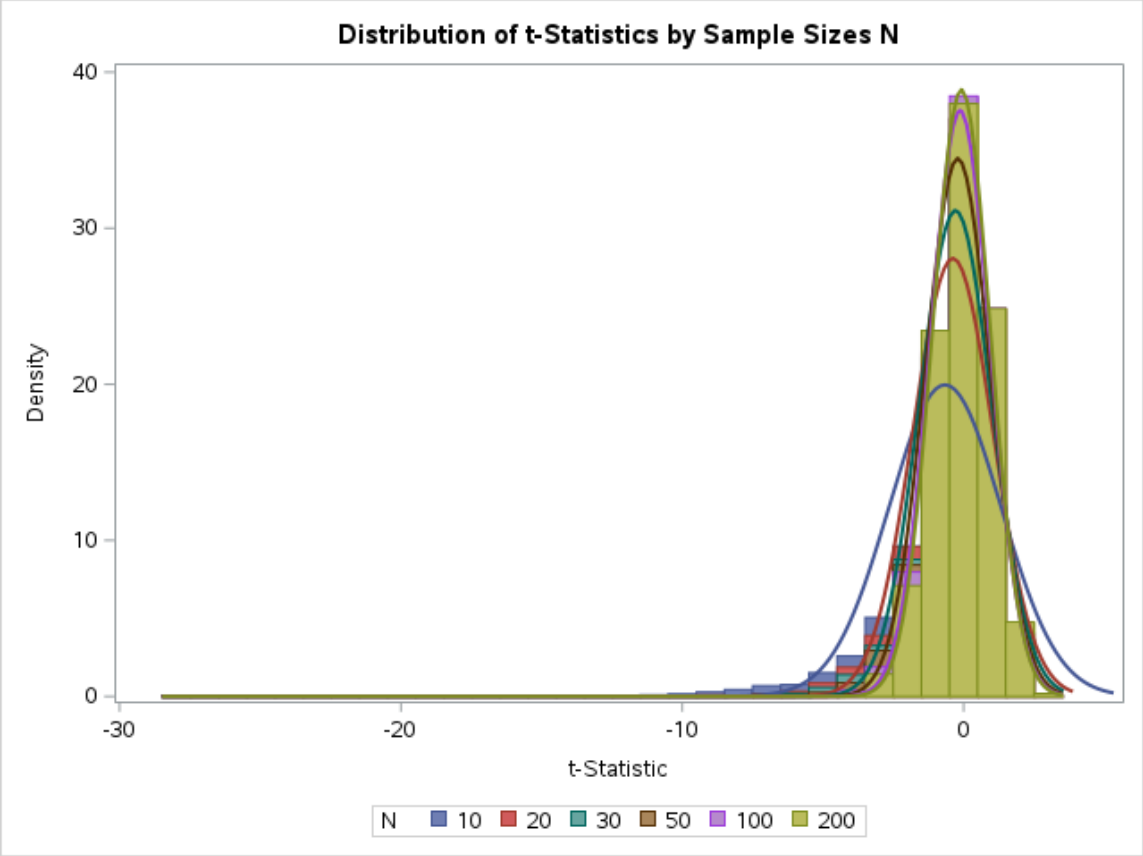


t values from Gamma, n=10 20 30 50 100 200

The MEANS Procedure

Analysis Variable : t						
N	N Obs	Mean	Std Dev	Std Error	Skewness	Kurtosis
10	10000	-0.661	1.998	0.020	-3.188	19.860
20	10000	-0.380	1.421	0.014	-1.677	5.696
30	10000	-0.290	1.282	0.013	-1.327	3.874
50	10000	-0.208	1.157	0.012	-0.882	1.507
100	10000	-0.125	1.063	0.011	-0.570	0.711
200	10000	-0.078	1.026	0.010	-0.365	0.363





Distribution of t-Statistics by Sample Sizes N

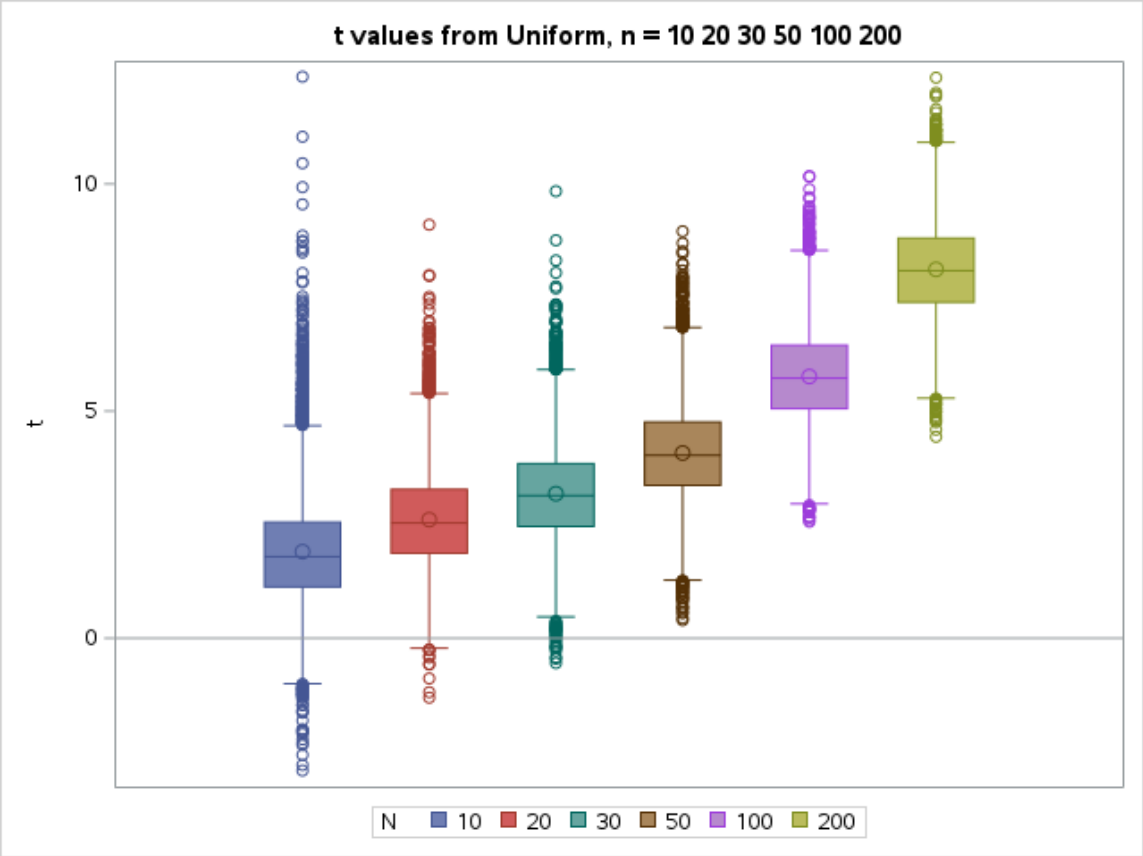
The MEANS Procedure

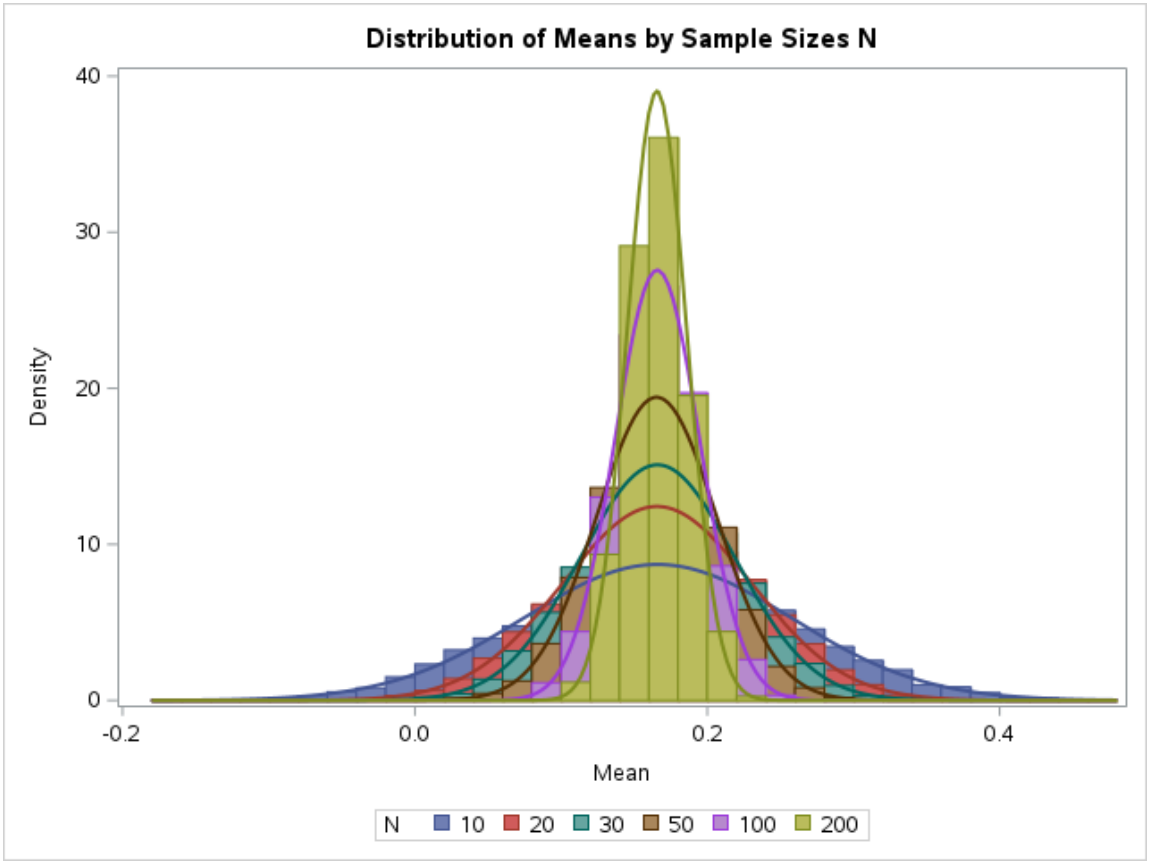
Analysis Variable : t						
N	N Obs	Mean	Std Dev	Std Error	Skewness	Kurtosis
10	10000	-0.661	1.998	0.020	-3.188	19.860
20	10000	-0.380	1.421	0.014	-1.677	5.696
30	10000	-0.290	1.282	0.013	-1.327	3.874
50	10000	-0.208	1.157	0.012	-0.882	1.507
100	10000	-0.125	1.063	0.011	-0.570	0.711
200	10000	-0.078	1.026	0.010	-0.365	0.363

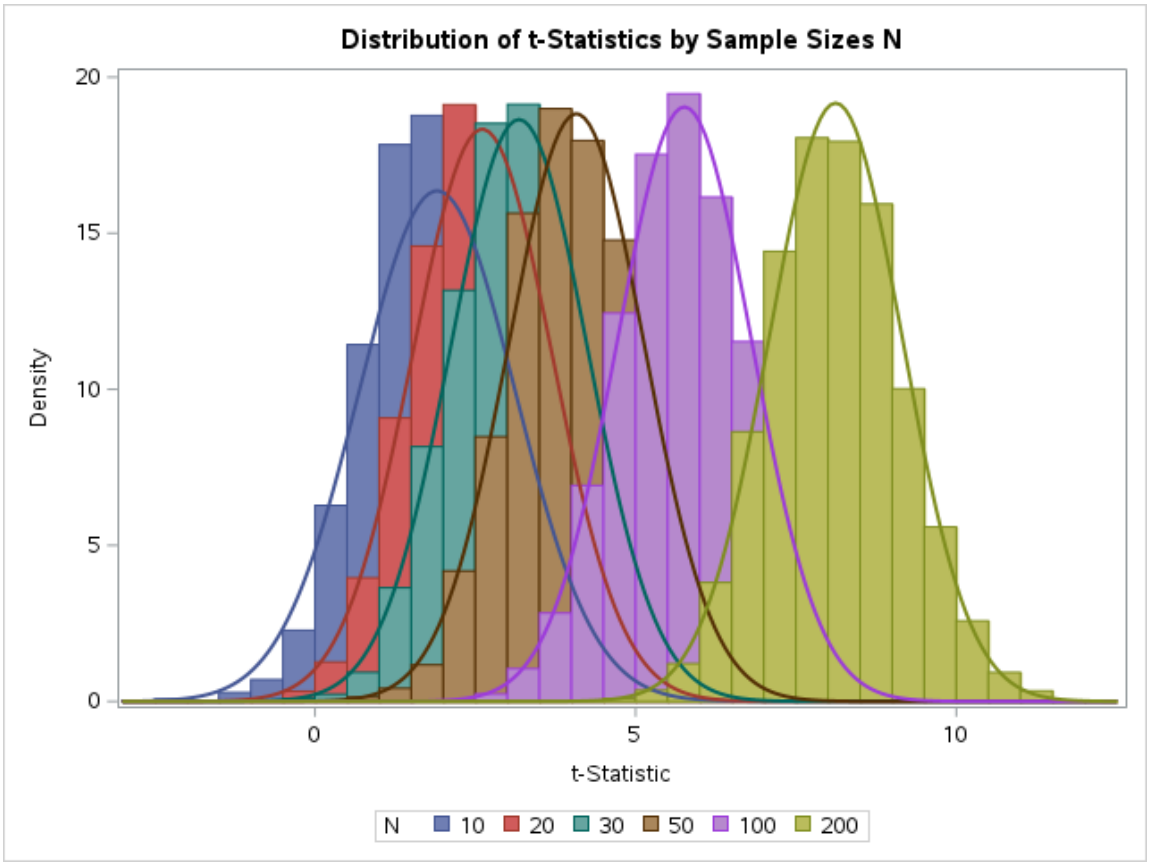
Directory	
Libref	WORK
Engine	V9
Physical Name	/saswork/SAS_work06960000A05D_odaws01-euw1.oda.sas.com/SAS_workC0E10000A05D_odaws01-euw1.oda.sas.com
Filename	/saswork/SAS_work06960000A05D_odaws01-euw1.oda.sas.com/SAS_workC0E10000A05D_odaws01-euw1.oda.sas.com
Inode Number	1074817016
Access Permission	rwx------
Owner Name	u63365319
File Size	4KB
File Size (bytes)	4096

#	Name	Member Type	File Size	Last Modified
1	RAW	DATA	77MB	06/02/2023 21:38:55
2	REGSTRY	ITEMSTOR	32KB	06/02/2023 21:38:25
3	SASGOPT	CATALOG	12KB	06/02/2023 21:38:27
4	SASMAC1	CATALOG	328KB	06/02/2023 21:38:47

#	Name	Member Type	File Size	Last Modified
5	SASMAC2	CATALOG	20KB	06/02/2023 21:38:56
6	SASMAC3	CATALOG	20KB	06/02/2023 21:38:25
7	SASMAC4	CATALOG	20KB	06/02/2023 21:38:53
8	SASMAC5	CATALOG	20KB	06/02/2023 21:38:25
9	SASMAC6	CATALOG	20KB	06/02/2023 21:38:25
10	SASMAC7	CATALOG	20KB	06/02/2023 21:38:25
11	SASMAC8	CATALOG	20KB	06/02/2023 21:38:25
12	SASMAC9	CATALOG	20KB	06/02/2023 21:38:25
13	SASMACR	CATALOG	20KB	06/02/2023 21:38:47
14	T	DATA	768KB	06/02/2023 21:38:55
15	TALL	DATA	3MB	06/02/2023 21:38:55




Distribution of Means by Sample Sizes N
Density
40
30
20
10
0
-0.2
0.0
0.2
0.4
Mean
N 10 20 30 50 100 200


Distribution of t-Statistics by Sample Sizes N
Density
20
15
10
5
0
0
5
10
t-Statistic
N 10 20 30 50 100 200

Analysis Variable : t						
N	N Obs	Mean	Std Dev	Std Error	Skewness	Kurtosis
10	10000	1.905	1.219	0.012	0.890	3.113
20	10000	2.609	1.088	0.011	0.426	0.639
30	10000	3.181	1.070	0.011	0.315	0.547
50	10000	4.076	1.060	0.011	0.261	0.377
100	10000	5.760	1.047	0.010	0.173	0.093
200	10000	8.119	1.041	0.010	0.117	-0.025

COEFFICEINTS OF B, C, D FOR FLEISHMAN'S POWER TRANSFORMATION

$$Y = A + BX + CX^2 + DX^3$$

$$A = -C$$

RESULT				
SKEWNESS	KURTOSIS	B	C	D
2.500000000	6.000000000	2.117253299	-0.926661138	0.238789447

The FREQ Procedure

NORMAL=NO EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9494	94.94	9494	94.94
YES	506	5.06	10000	100.00

The FREQ Procedure

NORMAL=NO EQ_VAR=YES

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9495	94.95	9495	94.95
YES	505	5.05	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9454	94.54	9454	94.54
YES	546	5.46	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=YES

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9519	95.19	9519	95.19

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
YES	481	4.81	10000	100.00

The FREQ Procedure

NORMAL=NO EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9494	94.94	9494	94.94
YES	506	5.06	10000	100.00

The FREQ Procedure

NORMAL=NO EQ_VAR=YES

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9495	94.95	9495	94.95
YES	505	5.05	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9454	94.54	9454	94.54
YES	546	5.46	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=YES

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9519	95.19	9519	95.19
YES	481	4.81	10000	100.00

The FREQ Procedure

NORMAL=NO EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	8795	87.95	8795	87.95
YES	1205	12.05	10000	100.00

The FREQ Procedure

NORMAL=NO EQ_VAR=YES

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9528	95.28	9528	95.28

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
YES	472	4.72	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	8770	87.70	8770	87.70
YES	1230	12.30	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=YES

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9525	95.25	9525	95.25
YES	475	4.75	10000	100.00

The FREQ Procedure

NORMAL=NO EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	8795	87.95	8795	87.95
YES	1205	12.05	10000	100.00

The FREQ Procedure

NORMAL=NO EQ_VAR=YES

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9528	95.28	9528	95.28
YES	472	4.72	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	8770	87.70	8770	87.70
YES	1230	12.30	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=YES

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9525	95.25	9525	95.25

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
YES	475	4.75	10000	100.00

The FREQ Procedure

NORMAL=NO EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	8795	87.95	8795	87.95
YES	1205	12.05	10000	100.00

The FREQ Procedure

NORMAL=NO EQ_VAR=YES

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9528	95.28	9528	95.28
YES	472	4.72	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	8770	87.70	8770	87.70
YES	1230	12.30	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=YES

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9525	95.25	9525	95.25
YES	475	4.75	10000	100.00

The FREQ Procedure

NORMAL=NO EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	8795	87.95	8795	87.95
YES	1205	12.05	10000	100.00

The FREQ Procedure

NORMAL=NO EQ_VAR=YES

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9528	95.28	9528	95.28

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
YES	472	4.72	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=NO

SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	8770	87.70	8770	87.70
YES	1230	12.30	10000	100.00

The FREQ Procedure

NORMAL=YES EQ_VAR=YES

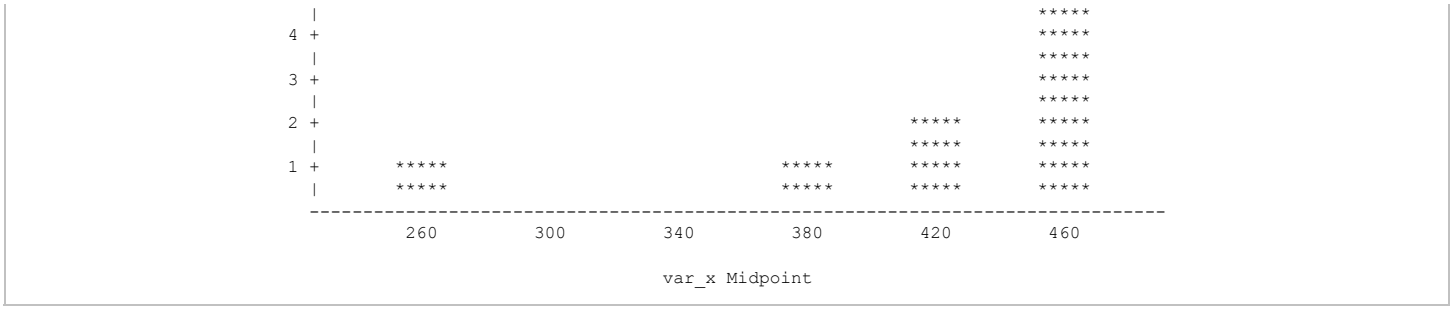
SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NO	9525	95.25	9525	95.25
YES	475	4.75	10000	100.00

The unbiased variance estimator is not a plug-in estimator

The MEANS Procedure

Analysis Variable : x
Variance
441.7101449

Estimating the bias of the unbiased estimator of variance
The jackknife computes the correct bias of zero



Estimating the bias of the unbiased estimator of variance
The jackknife computes the correct bias of zero

Name	Observed Statistic	Jackknife Mean	Estimated Bias	Estimated Standard Error	Estimated Lower Confidence Limit	Bias-Corrected Statistic	Estimated Upper Confidence Limit	Confidence Level (%)	Method for Confidence Interval	Minimum Resampled Estimate	Maximum Resampled Estimate	Number of Resamples
var_x	441.710	441.710	1.3074E-12	181.827	85.3354	441.710	798.085	95	Jackknife	272.538	460.680	24

The biased variance estimator is not a plug-in estimator

The MEANS Procedure

Analysis Variable : x
Variance
423.3055556

Estimating the bias of the biased estimator of variance

The SURVEYSELECT Procedure

Selection Method	Unrestricted Random Sampling

Input Data Set	CARS
Random Number Seed	4795
Sampling Rate	1
Sample Size	428
Expected Number of Hits	1
Sampling Weight	1
Number of Replicates	100
Total Sample Size	42800
Output Data Set	OUTBOOT

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=1

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.53505	13.20248	79837	143.00000	227.00000	Length (IN)
Weight	428	3594	712.69783	1538160	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70952 <.0001
Weight Weight (LBS)	0.70952 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=2

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.60514	14.28534	79867	143.00000	238.00000	Length (IN)
Weight	428	3618	740.75580	1548349	2035	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67985 <.0001
Weight Weight (LBS)	0.67985 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=3

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.00234	14.72710	80037	143.00000	238.00000	Length (IN)
Weight	428	3601	786.04909	1541190	1850	6133	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70177 <.0001
Weight Weight (LBS)	0.70177 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=4

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.25000	14.08308	80143	143.00000	230.00000	Length (IN)

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Weight	428	3574	811.10921	1529829	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68208 <.0001
Weight Weight (LBS)	0.68208 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=5

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.89720	13.91270	79992	144.00000	238.00000	Length (IN)
Weight	428	3563	710.68408	1524948	2035	5969	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66235 <.0001
Weight Weight (LBS)	0.66235 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=6

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.48832	14.96263	79817	143.00000	238.00000	Length (IN)
Weight	428	3590	761.22380	1536581	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68954 <.0001
Weight Weight (LBS)	0.68954 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=7

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.65888	13.68568	79462	143.00000	230.00000	Length (IN)
Weight	428	3523	740.76585	1508037	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70961 <.0001
Weight Weight (LBS)	0.70961 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=8

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.55607	13.82457	80274	143.00000	224.00000	Length (IN)
Weight	428	3622	736.88405	1550227	2035	6133	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.71380 <.0001
Weight Weight (LBS)	0.71380 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=9

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.01869	13.84354	79188	143.00000	230.00000	Length (IN)
Weight	428	3588	788.42160	1535520	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67495 <.0001
Weight Weight (LBS)	0.67495 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=10

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.67991	14.71359	79471	143.00000	230.00000	Length (IN)
Weight	428	3584	788.84233	1534165	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.71738 <.0001
Weight Weight (LBS)	0.71738 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=11

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.84579	15.39106	79970	143.00000	238.00000	Length (IN)
Weight	428	3626	794.62931	1551911	2035	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70868 <.0001
Weight Weight (LBS)	0.70868 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=12

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.42757	14.00809	79791	143.00000	227.00000	Length (IN)
Weight	428	3624	766.96920	1551246	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.65831 <.0001
Weight Weight (LBS)	0.65831 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=13

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.39019	13.73195	79775	144.00000	230.00000	Length (IN)
Weight	428	3598	753.34924	1540025	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69584 <.0001
Weight Weight (LBS)	0.69584 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=14

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.47664	14.93865	79812	143.00000	227.00000	Length (IN)
Weight	428	3583	754.16236	1533527	2055	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.73965 <.0001
Weight Weight (LBS)	0.73965 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=15

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.09579	14.65266	80077	143.00000	230.00000	Length (IN)
Weight	428	3618	769.64133	1548494	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70520 <.0001
Weight Weight (LBS)	0.70520 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=16

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.62383	13.73285	79447	144.00000	230.00000	Length (IN)
Weight	428	3563	756.32909	1525061	2085	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.65061 <.0001
Weight Weight (LBS)	0.65061 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=17

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.99533	15.39214	79606	143.00000	238.00000	Length (IN)
Weight	428	3523	747.40845	1507708	2085	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69745 <.0001
Weight Weight (LBS)	0.69745 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=18

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.00935	14.44881	79612	143.00000	238.00000	Length (IN)
Weight	428	3502	688.44546	1498760	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.65685 <.0001
Weight Weight (LBS)	0.65685 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=19

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.46028	14.57632	79377	143.00000	230.00000	Length (IN)
Weight	428	3529	724.46814	1510285	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69003 <.0001
Weight Weight (LBS)	0.69003 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=20

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.19159	14.14332	79690	143.00000	227.00000	Length (IN)
Weight	428	3609	782.06334	1544700	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69216 <.0001
Weight Weight (LBS)	0.69216 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=21

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.29907	15.16187	80164	143.00000	238.00000	Length (IN)
Weight	428	3599	754.35358	1540287	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67901 <.0001
Weight Weight (LBS)	0.67901 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=22

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.42991	13.73050	79792	143.00000	230.00000	Length (IN)
Weight	428	3601	806.51844	1541298	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67155 <.0001
Weight Weight (LBS)	0.67155 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=23

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.28972	13.97506	79732	143.00000	238.00000	Length (IN)
Weight	428	3609	744.26905	1544553	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67530 <.0001
Weight Weight (LBS)	0.67530 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=24

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.79439	13.79746	79948	144.00000	227.00000	Length (IN)
Weight	428	3589	747.23130	1536032	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68162 <.0001

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Weight Weight (LBS)	0.68162 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=25

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.01869	14.50332	79616	143.00000	238.00000	Length (IN)
Weight	428	3565	768.85553	1525816	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.71540 <.0001
Weight Weight (LBS)	0.71540 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=26

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.42290	14.46699	79789	143.00000	230.00000	Length (IN)
Weight	428	3585	815.14526	1534458	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70144 <.0001
Weight Weight (LBS)	0.70144 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=27

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.10047	14.48416	79651	143.00000	230.00000	Length (IN)
Weight	428	3590	771.09689	1536669	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68476 <.0001
Weight Weight (LBS)	0.68476 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=28

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.50701	14.80640	80253	143.00000	238.00000	Length (IN)
Weight	428	3638	772.66495	1557041	2035	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.71122 <.0001
Weight Weight (LBS)	0.71122 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=29

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.23131	14.85386	80135	143.00000	238.00000	Length (IN)
Weight	428	3583	714.36964	1533337	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69923 <.0001
Weight Weight (LBS)	0.69923 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=30

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.15888	14.62323	79676	143.00000	238.00000	Length (IN)

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Weight	428	3586	751.17176	1534771	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67191 <.0001
Weight Weight (LBS)	0.67191 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=31

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.47196	14.62607	79810	143.00000	238.00000	Length (IN)
Weight	428	3554	765.45667	1520979	2055	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69753 <.0001
Weight Weight (LBS)	0.69753 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=32

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	184.96963	14.75884	79167	143.00000	238.00000	Length (IN)
Weight	428	3521	710.98628	1506822	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69707 <.0001
Weight Weight (LBS)	0.69707 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=33

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.27570	13.84825	80154	150.00000	227.00000	Length (IN)
Weight	428	3635	792.26236	1555710	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68305 <.0001
Weight Weight (LBS)	0.68305 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=34

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.97664	13.75767	80026	143.00000	230.00000	Length (IN)
Weight	428	3662	734.75597	1567517	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.60472 <.0001
Weight Weight (LBS)	0.60472 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=35

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.80374	14.93197	79952	143.00000	238.00000	Length (IN)
Weight	428	3590	794.66037	1536420	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70431 <.0001
Weight Weight (LBS)	0.70431 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=36

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.02103	13.78599	80045	153.00000	238.00000	Length (IN)
Weight	428	3568	735.78493	1527315	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70872 <.0001
Weight Weight (LBS)	0.70872 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=37

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.24299	15.14912	79712	143.00000	238.00000	Length (IN)
Weight	428	3612	827.19139	1545980	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68295 <.0001
Weight Weight (LBS)	0.68295 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=38

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.61682	14.90023	79872	143.00000	238.00000	Length (IN)
Weight	428	3590	763.23781	1536387	2035	5969	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69979 <.0001
Weight Weight (LBS)	0.69979 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=39

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.26168	14.24778	79720	143.00000	238.00000	Length (IN)
Weight	428	3539	750.37363	1514720	2035	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.64912 <.0001
Weight Weight (LBS)	0.64912 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=40

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.32710	14.43229	79748	144.00000	238.00000	Length (IN)
Weight	428	3603	722.07687	1541936	2195	6133	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70584 <.0001
Weight Weight (LBS)	0.70584 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=41

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.61215	14.48537	79442	143.00000	238.00000	Length (IN)
Weight	428	3523	757.50012	1507986	2085	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67865 <.0001
Weight Weight (LBS)	0.67865 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=42

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.60981	15.10958	79869	144.00000	238.00000	Length (IN)
Weight	428	3573	766.17753	1529272	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70700 <.0001
Weight Weight (LBS)	0.70700 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=43

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.85514	13.71379	79546	143.00000	230.00000	Length (IN)
Weight	428	3554	699.16936	1521045	1850	6133	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67006 <.0001
Weight Weight (LBS)	0.67006 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=44

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.65888	14.30368	80318	143.00000	238.00000	Length (IN)
Weight	428	3635	769.39159	1555568	2055	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66519 <.0001
Weight Weight (LBS)	0.66519 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=45

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.39486	14.19983	79777	153.00000	230.00000	Length (IN)
Weight	428	3589	740.43068	1536143	2035	6133	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69127 <.0001
Weight Weight (LBS)	0.69127 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=46

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.95794	15.31658	80018	143.00000	238.00000	Length (IN)
Weight	428	3608	769.58976	1544270	1850	6133	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70490 <.0001
Weight Weight (LBS)	0.70490 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=47

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.96495	14.85263	79593	143.00000	230.00000	Length (IN)
Weight	428	3560	754.83484	1523787	2085	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66423 <.0001
Weight Weight (LBS)	0.66423 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=48

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.97430	13.54969	79597	144.00000	224.00000	Length (IN)
Weight	428	3566	672.02500	1526269	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.64362 <.0001
Weight Weight (LBS)	0.64362 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=49

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.82243	13.98665	79960	143.00000	230.00000	Length (IN)
Weight	428	3606	715.51213	1543406	2085	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67155 <.0001
Weight Weight (LBS)	0.67155 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=50

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.50701	13.17518	79825	144.00000	230.00000	Length (IN)
Weight	428	3568	748.17534	1526968	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68320 <.0001

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Weight Weight (LBS)	0.68320 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=51

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.26636	15.15785	80150	143.00000	238.00000	Length (IN)
Weight	428	3637	813.63822	1556560	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.71526 <.0001
Weight Weight (LBS)	0.71526 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=52

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.28505	14.21030	79730	143.00000	230.00000	Length (IN)
Weight	428	3595	801.42253	1538663	2085	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70742 <.0001
Weight Weight (LBS)	0.70742 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=53

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.15654	14.52386	80103	143.00000	238.00000	Length (IN)
Weight	428	3611	769.44967	1545618	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67469 <.0001
Weight Weight (LBS)	0.67469 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=54

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.78037	14.67440	79942	143.00000	227.00000	Length (IN)
Weight	428	3595	739.84782	1538738	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70832 <.0001
Weight Weight (LBS)	0.70832 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=55

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.67056	13.84140	79467	153.00000	227.00000	Length (IN)
Weight	428	3568	777.16862	1527035	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70216 <.0001
Weight Weight (LBS)	0.70216 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=56

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.27336	13.88435	80153	153.00000	238.00000	Length (IN)

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Weight	428	3577	727.44073	1531001	2055	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68993 <.0001
Weight Weight (LBS)	0.68993 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=57

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.53037	14.04264	79407	143.00000	238.00000	Length (IN)
Weight	428	3570	785.77576	1528077	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69229 <.0001
Weight Weight (LBS)	0.69229 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=58

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.49533	14.13112	79820	144.00000	238.00000	Length (IN)
Weight	428	3580	775.63238	1532426	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68155 <.0001
Weight Weight (LBS)	0.68155 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=59

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.99299	15.16536	80033	143.00000	238.00000	Length (IN)
Weight	428	3634	816.16594	1555435	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66394 <.0001
Weight Weight (LBS)	0.66394 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=60

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.20794	15.04859	79697	143.00000	238.00000	Length (IN)
Weight	428	3624	850.94540	1551019	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.72199 <.0001
Weight Weight (LBS)	0.72199 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=61

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.41355	14.72367	79785	143.00000	230.00000	Length (IN)
Weight	428	3593	773.01011	1537905	1850	6133	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.71063 <.0001
Weight Weight (LBS)	0.71063 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=62

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.31075	14.62519	80169	144.00000	238.00000	Length (IN)
Weight	428	3659	779.27793	1566019	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.65557 <.0001
Weight Weight (LBS)	0.65557 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=63

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.14019	13.90244	79668	144.00000	230.00000	Length (IN)
Weight	428	3576	758.55265	1530437	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.72814 <.0001
Weight Weight (LBS)	0.72814 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=64

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.06308	14.48146	80063	144.00000	238.00000	Length (IN)
Weight	428	3598	718.62074	1539813	2195	6133	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67343 <.0001
Weight Weight (LBS)	0.67343 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=65

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.65421	15.39342	79888	143.00000	230.00000	Length (IN)
Weight	428	3605	773.83992	1542883	2085	5969	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70467 <.0001
Weight Weight (LBS)	0.70467 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=66

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.37617	14.80936	79769	144.00000	238.00000	Length (IN)
Weight	428	3545	732.55101	1517070	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.72300 <.0001
Weight Weight (LBS)	0.72300 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=67

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.99766	13.81892	80035	143.00000	227.00000	Length (IN)
Weight	428	3625	738.07413	1551297	2055	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66901 <.0001
Weight Weight (LBS)	0.66901 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=68

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.04673	14.34495	79628	143.00000	221.00000	Length (IN)
Weight	428	3559	742.75257	1523137	2035	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68061 <.0001
Weight Weight (LBS)	0.68061 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=69

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.46262	13.63203	79806	143.00000	238.00000	Length (IN)
Weight	428	3574	739.19667	1529498	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.65591 <.0001
Weight Weight (LBS)	0.65591 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=70

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.97196	14.34745	80024	144.00000	227.00000	Length (IN)
Weight	428	3587	787.92987	1535418	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69268 <.0001
Weight Weight (LBS)	0.69268 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=71

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.94626	14.12986	80013	150.00000	238.00000	Length (IN)
Weight	428	3571	742.99049	1528525	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.71431 <.0001
Weight Weight (LBS)	0.71431 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=72

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.75234	12.45862	79502	154.00000	222.00000	Length (IN)
Weight	428	3490	684.49060	1493923	1850	5969	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69940 <.0001
Weight Weight (LBS)	0.69940 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=73

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.38551	14.78681	79773	143.00000	238.00000	Length (IN)
Weight	428	3589	781.59227	1536234	2055	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67244 <.0001
Weight Weight (LBS)	0.67244 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=74

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.07009	13.87160	79638	150.00000	230.00000	Length (IN)
Weight	428	3568	715.55220	1526892	1850	6133	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66190 <.0001
Weight Weight (LBS)	0.66190 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=75

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.92523	15.00801	80004	143.00000	230.00000	Length (IN)
Weight	428	3641	790.39888	1558472	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69697 <.0001
Weight Weight (LBS)	0.69697 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=76

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.95327	14.26670	79588	143.00000	238.00000	Length (IN)
Weight	428	3601	755.84725	1541279	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66083 <.0001

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Weight Weight (LBS)	0.66083 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=77

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.89486	14.82831	79991	143.00000	230.00000	Length (IN)
Weight	428	3611	767.41508	1545341	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70063 <.0001
Weight Weight (LBS)	0.70063 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=78

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.87150	14.28498	79981	144.00000	238.00000	Length (IN)
Weight	428	3625	746.90868	1551321	2035	6133	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68525 <.0001
Weight Weight (LBS)	0.68525 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=79

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.70327	14.55067	79481	143.00000	238.00000	Length (IN)
Weight	428	3563	729.00694	1525024	2085	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67701 <.0001
Weight Weight (LBS)	0.67701 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=80

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.81542	15.25723	79957	143.00000	238.00000	Length (IN)
Weight	428	3620	830.54771	1549548	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70546 <.0001
Weight Weight (LBS)	0.70546 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=81

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.23598	14.95185	79709	143.00000	238.00000	Length (IN)
Weight	428	3525	682.18798	1508636	2035	5678	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69445 <.0001
Weight Weight (LBS)	0.69445 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=82

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.86916	14.27045	79980	143.00000	238.00000	Length (IN)

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Weight	428	3568	743.91094	1527005	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68992 <.0001
Weight Weight (LBS)	0.68992 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=83

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.05374	14.41991	80059	143.00000	230.00000	Length (IN)
Weight	428	3542	713.52707	1515870	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.71011 <.0001
Weight Weight (LBS)	0.71011 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=84

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.76869	13.42915	79509	143.00000	224.00000	Length (IN)
Weight	428	3580	733.30596	1532139	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.64968 <.0001
Weight Weight (LBS)	0.64968 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=85

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	187.66589	15.16554	80321	143.00000	238.00000	Length (IN)
Weight	428	3603	806.73664	1542283	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69602 <.0001
Weight Weight (LBS)	0.69602 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=86

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.69626	13.79360	79906	144.00000	238.00000	Length (IN)
Weight	428	3607	794.42129	1543754	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68269 <.0001
Weight Weight (LBS)	0.68269 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=87

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.75467	13.84062	79931	144.00000	238.00000	Length (IN)
Weight	428	3581	763.45671	1532848	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66805 <.0001
Weight Weight (LBS)	0.66805 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=88

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.92523	15.15784	80004	143.00000	238.00000	Length (IN)
Weight	428	3591	801.76966	1536933	2035	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69545 <.0001
Weight Weight (LBS)	0.69545 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=89

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.39252	13.95107	79348	143.00000	224.00000	Length (IN)
Weight	428	3560	717.23838	1523546	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69838 <.0001
Weight Weight (LBS)	0.69838 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=90

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.73832	13.67049	79496	143.00000	238.00000	Length (IN)
Weight	428	3542	784.80194	1515923	2055	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.70519 <.0001
Weight Weight (LBS)	0.70519 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=91

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	184.39252	14.78337	78920	143.00000	238.00000	Length (IN)
Weight	428	3557	741.72957	1522472	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.67221 <.0001
Weight Weight (LBS)	0.67221 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=92

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.44626	14.42316	79799	143.00000	238.00000	Length (IN)
Weight	428	3539	685.66143	1514760	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.68404 <.0001
Weight Weight (LBS)	0.68404 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=93

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.91121	14.40324	79998	144.00000	238.00000	Length (IN)
Weight	428	3606	757.28653	1543421	2035	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.69339 <.0001
Weight Weight (LBS)	0.69339 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=94

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.82710	13.43953	79962	143.00000	230.00000	Length (IN)
Weight	428	3639	784.39469	1557436	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.64704 <.0001
Weight Weight (LBS)	0.64704 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=95

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.32009	13.97649	79317	143.00000	230.00000	Length (IN)
Weight	428	3547	678.19945	1517907	2085	5969	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66478 <.0001
Weight Weight (LBS)	0.66478 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=96

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.20794	13.67441	79697	143.00000	238.00000	Length (IN)
Weight	428	3571	697.96046	1528205	1850	6400	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66150 <.0001
Weight Weight (LBS)	0.66150 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=97

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.93458	13.67798	79580	144.00000	238.00000	Length (IN)
Weight	428	3589	734.42045	1536024	2055	6133	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66478 <.0001
Weight Weight (LBS)	0.66478 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=98

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	185.91355	13.66613	79571	144.00000	230.00000	Length (IN)
Weight	428	3573	721.83821	1529374	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.66441 <.0001
Weight Weight (LBS)	0.66441 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=99

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.58411	13.99615	79858	144.00000	238.00000	Length (IN)
Weight	428	3582	788.08644	1532974	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.71162 <.0001
Weight Weight (LBS)	0.71162 <.0001	1.00000

Estimating the bias of the biased estimator of variance

The CORR Procedure

Sample Replicate Number=100

2 Variables:	Length Weight

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Length	428	186.28271	14.74203	79729	144.00000	230.00000	Length (IN)
Weight	428	3567	750.05889	1526710	1850	7190	Weight (LBS)

Pearson Correlation Coefficients, N = 428 Prob > |r| under H0: Rho=0		
	Length	Weight
Length Length (IN)	1.00000	0.72139 <.0001
Weight Weight (LBS)	0.72139 <.0001	1.00000