

Data written to the working file.

12 variables and 20 cases written.

Variable: V1	Type: Number	Format : F10.7
Variable: V2	Type: Number	Format : F12.8
Variable: V3	Type: Number	Format : F12.8
Variable: V4	Type: Number	Format : F10.7
Variable: V5	Type: Number	Format : F10.7
Variable: V6	Type: Number	Format : F10.7
Variable: V7	Type: Number	Format : F10.7
Variable: V8	Type: Number	Format : F11.7
Variable: V9	Type: Number	Format : F10.7
Variable: V10	Type: Number	Format : F11.7
Variable: V11	Type: Number	Format : F11.8
Variable: V12	Type: Number	Format : F11.8

Substitute the following to build syntax for these data.

/VARIABLES=

V1 F10.7
V2 F12.8
V3 F12.8
V4 F10.7
V5 F10.7
V6 F10.7
V7 F10.7
V8 F11.7
V9 F10.7
V10 F11.7
V11 F11.8
V12 F11.8

NPar Tests

[DataSet7]

One-Sample Kolmogorov-Smirnov Test

		V1	V2
N		20	20
Normal Parameters ^{a,b}	Mean	2.497586805	-2.30309701
	Std. Deviation	23.85738017	39.77977774
Most Extreme Differences	Absolute	.230	.233
	Positive	.111	.152
	Negative	-.230	-.233
Test Statistic		.230	.233
Asymp. Sig. (2-tailed) ^c		.007	.006
Monte Carlo Sig. (2-tailed) ^d	Sig.	.007	.006
	99% Confidence Interval	Lower Bound	.005
		Upper Bound	.009

One-Sample Kolmogorov-Smirnov Test

		V3	V4
N		20	20
Normal Parameters ^{a,b}	Mean	8.111755437	-11.4210659
	Std. Deviation	25.07947772	26.49783027
Most Extreme Differences	Absolute	.146	.099
	Positive	.111	.099
	Negative	-.146	-.089
Test Statistic		.146	.099
Asymp. Sig. (2-tailed) ^c		.200 ^e	.200 ^e
Monte Carlo Sig. (2-tailed) ^d	Sig.	.315	.873
	99% Confidence Interval	Lower Bound	.303
		Upper Bound	.327

One-Sample Kolmogorov-Smirnov Test

			V5	V6
N			20	20
Normal Parameters ^{a,b}	Mean		-7.027094450	27.55104560
	Std. Deviation		43.12307444	20.42977588
Most Extreme Differences	Absolute		.202	.108
	Positive		.145	.108
	Negative		-.202	-.098
Test Statistic			.202	.108
Asymp. Sig. (2-tailed) ^c			.032	.200 ^e
Monte Carlo Sig. (2-tailed) ^d	Sig.		.032	.774
	99% Confidence Interval	Lower Bound	.027	.764
		Upper Bound	.036	.785

One-Sample Kolmogorov-Smirnov Test

			V7	V8
N			20	20
Normal Parameters ^{a,b}	Mean		-.488965770	9.385044830
	Std. Deviation		26.86868066	29.97214827
Most Extreme Differences	Absolute		.094	.115
	Positive		.094	.115
	Negative		-.078	-.107
Test Statistic			.094	.115
Asymp. Sig. (2-tailed) ^c			.200 ^e	.200 ^e
Monte Carlo Sig. (2-tailed) ^d	Sig.		.913	.687
	99% Confidence Interval	Lower Bound	.905	.675
		Upper Bound	.920	.699

One-Sample Kolmogorov-Smirnov Test

		V9	V10
N		20	20
Normal Parameters ^{a,b}	Mean	8.262248625	8.070181610
	Std. Deviation	20.11107725	31.94760504
Most Extreme Differences	Absolute	.181	.108
	Positive	.181	.108
	Negative	-.086	-.082
Test Statistic		.181	.108
Asymp. Sig. (2-tailed) ^c		.085	.200 ^e
Monte Carlo Sig. (2-tailed) ^d	Sig.	.080	.777
	99% Confidence Interval	Lower Bound	.073
		Upper Bound	.087

One-Sample Kolmogorov-Smirnov Test

		V11	V12
N		20	20
Normal Parameters ^{a,b}	Mean	.1274583565	5.141277415
	Std. Deviation	34.66724800	23.48240175
Most Extreme Differences	Absolute	.190	.122
	Positive	.190	.089
	Negative	-.121	-.122
Test Statistic		.190	.122
Asymp. Sig. (2-tailed) ^c		.057	.200 ^e
Monte Carlo Sig. (2-tailed) ^d	Sig.	.054	.596
	99% Confidence Interval	Lower Bound	.048
		Upper Bound	.059

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. Lilliefors' method based on 10000 Monte Carlo samples with starting seed 624387341.

e. This is a lower bound of the true significance.