Distributions Herd=high-performing, Indicator=CC kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-8.960773	-8.773568	-14.05168

Summary Statistics

Mean	0.4969291
Std Dev	0.1518184
Std Err Mean	0.0405752
Upper 95% Mean	0.5845864
Lower 95% Mean	0.4092717
N	14
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.4969291	0.0405752	0.4092717	0.5845864
Dispersion σ	0.1518184	0.0303637	0.1100614	0.2445859
Measures				
-2*LogLikelihood	-14.05168			
AICc	-8.960773			
BIC	-8.773568			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.9603005	0.7280
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.2328415	0.7760

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=high-performing, Indicator=CC-biogenic kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-97.58626	-97.39905	-102.6772

Summary Statistics

Mean	0.0096311
Std Dev	0.0064076
Std Err Mean	0.0017125
Upper 95% Mean	0.0133308
Lower 95% Mean	0.0059315
N	14
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.0096311	0.0017125	0.0059315	0.0133308
Dispersion σ	0.0064076	0.0012815	0.0046452	0.010323
Measures				
-2*LogLikelihood	-102.6772			
AICc	-97.58626			
BIC	-97.39905			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.9330036	0.3360
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.371371	0.3940

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=high-performing, Indicator=CC-fossil kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-20.86025	-20.67304	-25.95115

Summary Statistics

Mean	0.2462695
Std Dev	0.0992562
Std Err Mean	0.0265273
Upper 95% Mean	0.3055783
Lower 95% Mean	0.1969607
N	14
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.2462695	0.0265273	0.1969607	0.3055783
Dispersion σ	0.0992562	0.0198512	0.0719561	0.1599059
Measures				
-2*LogLikelihood	-25.95115			
AICc	-20.86025			
BIC	-20.67304			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.9617481	0.7518
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.3022145	0.5568

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=high-performing, Indicator=CC-LTU kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-20.58982	-20.40261	-25.68073

Summary Statistics

Mean	0.2330284
Std Dev	0.1002194
Std Err Mean	0.0267848
Upper 95% Mean	0.2908934
Lower 95% Mean	0.1811634
N	14
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.2330284	0.0267848	0.1811634	0.2908934
Dispersion σ	0.1002194	0.0200439	0.0726545	0.1614578
Measures				
-2*LogLikelihood	-25.68073			
AICc	-20.58982			
BIC	-20.40261			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.8675595	0.0388*
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.6081038	0.0936

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=high-performing, Indicator=POCP kgNMVOCeq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-186.8045	-186.6173	-191.8955

Summary Statistics

Mean	0.0007271
Std Dev	0.0002648
Std Err Mean	7.0764e-5
Upper 95% Mean	0.00088
Lower 95% Mean	0.0005742
N	14
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.0007271	7.0764e-5	0.0005742	0.00088
Dispersion σ	0.0002648	5.2955e-5	0.0001919	0.0004266
Measures				
-2*LogLikelihood	-191.8955			
AICc	-186.8045			
BIC	-186.6173			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.9268659	0.2756
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.4244689	0.2668

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=low-performing, Indicator=CC kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	1.9905616	2.1777672	-3.100348

Summary Statistics

Mean	0.6397994
Std Dev	0.224484
Std Err Mean	0.0599959
Upper 95% Mean	0.7694126
Lower 95% Mean	0.5101862
N	14
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.6397994	0.0599959	0.5101862	0.7694126
Dispersion σ	0.224484	0.0448968	0.1627405	0.3616532
Measures				
-2*LogLikelihood	-3.100348			
AICc	1.9905616			
BIC	2.1777672			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.9275854	0.2822
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.3710074	0.3760

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=low-performing, Indicator=CC-biogenic kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-48.32258	-48.13538	-53.41349

Summary Statistics

Mean	0.0234209
Std Dev	0.0372222
Std Err Mean	0.0099481
Upper 95% Mean	0.0449124
Lower 95% Mean	0.0019294
N	14
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.0234209	0.0099481	0.0019294	0.0449124
Dispersion σ	0.0372222	0.0074444	0.0269844	0.0599666
Measures				
-2*LogLikelihood	-53.41349			
AICc	-48.32258			
BIC	-48.13538			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.6172154	<.0001*
	Simulated	
	A^2	**p-Value**
Anderson-Darling	1.9694622	<.0001*

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=low-performing, Indicator=CC-fossil kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-16.91992	-16.73272	-22.01083

Summary Statistics

Mean	0.2521952
Std Dev	0.1142547
Std Err Mean	0.0305358
Upper 95% Mean	0.3181639
Lower 95% Mean	0.1862265
N	14
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.2521952	0.0305358	0.1862265	0.3181639
Dispersion σ	0.1142547	0.0228509	0.0828294	0.1840691
Measures				
-2*LogLikelihood	-22.01083			
AICc	-16.91992			
BIC	-16.73272			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.9203897	0.2228
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.4311617	0.2716

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=low-performing, Indicator=CC-LTU kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-13.25231	-13.0651	-18.34322

Summary Statistics

Mean	0.3641833
Std Dev	0.1302448
Std Err Mean	0.0348094
Upper 95% Mean	0.4390845
Lower 95% Mean	0.2892822
N	14
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.3641833	0.0348094	0.2892822	0.4390845
Dispersion σ	0.1302448	0.0260449	0.0944215	0.20983
Measures				
-2*LogLikelihood	-18.34322			
AICc	-13.25231			
BIC	-13.0651			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.9188884	0.2119
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.4171941	0.3000

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=low-performing, Indicator=POCP kgNMVOCeq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-185.339	-185.1518	-190.4299

Summary Statistics

Mean	0.0007626
Std Dev	0.000279
Std Err Mean	7.4566e-5
Upper 95% Mean	0.0009237
Lower 95% Mean	0.0006015
N	14
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.0007626	7.4566e-5	0.0006015	0.0009237
Dispersion σ	0.000279	0.0000558	0.0002023	0.0004495
Measures				
-2*LogLikelihood	-190.4299			
AICc	-185.339			
BIC	-185.1518			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.9142148	0.1814
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.4651244	0.2204

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=mid-performing, Indicator=CC kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-10.97643	-8.884759	-15.47643

Summary Statistics

Mean	0.5920495
Std Dev	0.1850701
Std Err Mean	0.0356168
Upper 95% Mean	0.6653608
Lower 95% Mean	0.5188382
N	27
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.5920495	0.0356168	0.5188382	0.6652608
Dispersion σ	0.1850701	0.025915	0.1457457	0.2536259
Measures				
-2*LogLikelihood	-15.47643			
AICc	-10.97643			
BIC	-8.884759			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.9500628	0.2151
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.4929529	0.2044

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=mid-performing, Indicator=CC-biogenic kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-180.0662	-177.9745	-184.5662

Summary Statistics

Mean	0.0106809
Std Dev	0.0080804
Std Err Mean	0.0015551
Upper 95% Mean	0.0138774
Lower 95% Mean	0.0074844
N	27
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.0106809	0.0015551	0.0074844	0.0138774
Dispersion σ	0.0080804	0.0011315	0.0063635	0.0110737
Measures				
-2*LogLikelihood	-184.5662			
AICc	-180.0662			
BIC	-177.9745			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.8941934	0.0099*
	Simulated	
	A^2	**p-Value**
Anderson-Darling	1.0533585	0.0060*

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=mid-performing, Indicator=CC-fossil kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-26.02542	-23.93375	-30.52542

Summary Statistics

Mean	0.2923932
Std Dev	0.140057
Std Err Mean	0.0269564
Upper 95% Mean	0.3477981
Lower 95% Mean	0.2369883
N	27
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.2923932	0.0269564	0.2369883	0.3477981
Dispersion σ	0.140057	0.0196119	0.1132972	0.1919386
Measures				
-2*LogLikelihood	-30.52542			
AICc	-26.02542			
BIC	-23.93375			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.8474367	0.0012*
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.9549682	0.0124*

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=mid-performing, Indicator=CC-LTU kgCO2eq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-43.86639	-41.77472	-48.36639

Summary Statistics

Mean	0.2889754
Std Dev	0.1006512
Std Err Mean	0.0193703
Upper 95% Mean	0.3287917
Lower 95% Mean	0.2491591
N	27
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.2889754	0.0193703	0.2491591	0.3287917
Dispersion σ	0.1006512	0.014094	0.0792645	0.1379356
Measures				
-2*LogLikelihood	-48.36639			
AICc	-43.86639			
BIC	-41.77472			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.9031212	0.0158*
	Simulated	
	A^2	**p-Value**
Anderson-Darling	0.9806383	0.0156*

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.

Distributions Herd=mid-performing, Indicator=POCP kgNMVOCeq

Feeds purchase

Compare Distributions

Show	Distribution	AICc ▾	BIC	-2*LogLikelihood
☑	Normal	-337.0567	-334.965	-341.5567

Summary Statistics

Mean	0.0008625
Std Dev	0.0004414
Std Err Mean	8.494e-5
Upper 95% Mean	0.0010371
Lower 95% Mean	0.0006879
N	27
N Missing	0

Fitted Normal Distribution

Parameter	Estimate	Std Error	Lower 95%	Upper 95%
Location μ	0.0008625	8.494e-5	0.0006879	0.0010371
Dispersion σ	0.0004414	0.0000618	0.0003476	0.0006049
Measures				
-2*LogLikelihood	-341.5567			
AICc	-337.0567			
BIC	-334.965			

Goodness-of-Fit Test

	W	Prob>W
Shapiro-Wilk	0.7980053	<.0001*
	Simulated	
	A^2	**p-Value**
Anderson-Darling	1.3355555	0.0012*

Note: Ho = The data is from the Normal distribution. Small p-values reject Ho.