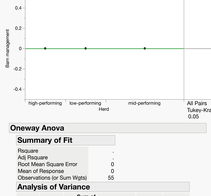
Oneway Analysis of Barn management By Herd Indicator=CC kgCO2eq



Oneway Anova

Summary of Fit

Rsquare	.
Adj Rsquare	.
Root Mean Square Error	0
Mean of Response	0
Observations (or Sum Wgts)	55

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Herd	2	0	0	.	.
Error	52	0	0		
C. Total	54	0			

Means for Oneway Anova

Level	Number	Mean	Std Error	Lower 95%	Upper 95%
high-performing	14	0	0	0	0
low-performing	14	0	0	0	0
mid-performing	27	0	0	0	0

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons for all pairs using Tukey-Kramer HSD

Confidence Quantile

q*	Alpha
2.41260	0.05

HSD Threshold Matrix

Abs(Dif)-HSD

	high-performing	low-performing	mid-performing
high-performing	0	0	0
low-performing	0	0	0
mid-performing	0	0	0

Positive values show pairs of means that are significantly different.

Connecting Letters Report

Level	Mean
high-performing	0
low-performing	0
mid-performing	0

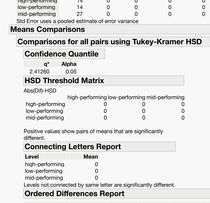
Levels not connected by same letter are significantly different.

Ordered Differences Report

Level	- Level	Difference	Std Err Dif	Lower CL	Upper CL	p-Value
low-performing	high-performing	0	0	0	0	.
mid-performing	high-performing	0	0	0	0	.
mid-performing	low-performing	0	0	0	0	.

Excluded Rows 3

Oneway Analysis of Barn management By Herd Indicator=CC-biogenic kgCO2eq



Oneway Anova

Summary of Fit

Rsquare	.
Adj Rsquare	.
Root Mean Square Error	0
Mean of Response	0
Observations (or Sum Wgts)	55

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Herd	2	0	0	.	.
Error	52	0	0		
C. Total	54	0			

Means for Oneway Anova

Level	Number	Mean	Std Error	Lower 95%	Upper 95%
high-performing	14	0	0	0	0
low-performing	14	0	0	0	0
mid-performing	27	0	0	0	0

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons for all pairs using Tukey-Kramer HSD

Confidence Quantile

q*	Alpha
2.41260	0.05

HSD Threshold Matrix

Abs(Dif)-HSD

	high-performing	low-performing	mid-performing
high-performing	0	0	0
low-performing	0	0	0
mid-performing	0	0	0

Positive values show pairs of means that are significantly different.

Connecting Letters Report

Level	Mean
high-performing	0
low-performing	0
mid-performing	0

Levels not connected by same letter are significantly different.

Ordered Differences Report

Level	- Level	Difference	Std Err Dif	Lower CL	Upper CL	p-Value
low-performing	high-performing	0	0	0	0	.
mid-performing	high-performing	0	0	0	0	.
mid-performing	low-performing	0	0	0	0	.

Excluded Rows 3

Oneway Analysis of Barn management By Herd Indicator=CC-fossil kgCO2eq



Oneway Anova

Summary of Fit

Rsquare	.
Adj Rsquare	.
Root Mean Square Error	0
Mean of Response	0
Observations (or Sum Wgts)	55

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Herd	2	0	0	.	.
Error	52	0	0		
C. Total	54	0			

Means for Oneway Anova

Level	Number	Mean	Std Error	Lower 95%	Upper 95%
high-performing	14	0	0	0	0
low-performing	14	0	0	0	0
mid-performing	27	0	0	0	0

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons for all pairs using Tukey-Kramer HSD

Confidence Quantile

q*	Alpha
2.41260	0.05

HSD Threshold Matrix

Abs(Dif)-HSD

	high-performing	low-performing	mid-performing
high-performing	0	0	0
low-performing	0	0	0
mid-performing	0	0	0

Positive values show pairs of means that are significantly different.

Connecting Letters Report

Level	Mean
high-performing	0
low-performing	0
mid-performing	0

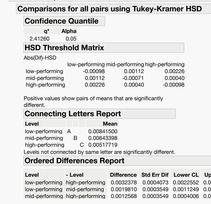
Levels not connected by same letter are significantly different.

Ordered Differences Report

Level	- Level	Difference	Std Err Dif	Lower CL	Upper CL	p-Value
low-performing	high-performing	0	0	0	0	.
mid-performing	high-performing	0	0	0	0	.
mid-performing	low-performing	0	0	0	0	.

Excluded Rows 3

Oneway Analysis of Barn management By Herd Indicator=CC-LTU kgCO2eq



Oneway Anova

Summary of Fit

Rsquare	.
Adj Rsquare	.
Root Mean Square Error	0
Mean of Response	0
Observations (or Sum Wgts)	55

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Herd	2	0	0		
Error	52	0	0		
C. Total	54	0			

Means for Oneway Anova

Level	Number	Mean	Std Error	Lower 95%	Upper 95%
high-performing	14	0	0	0	0
low-performing	14	0	0	0	0
mid-performing	27	0	0	0	0

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons for all pairs using Tukey-Kramer HSD

Confidence Quantile

q*	Alpha
2.41260	0.05

HSD Threshold Matrix

Abs(Dif)-HSD

	high-performing	low-performing	mid-performing
high-performing	0	0	0
low-performing	0	0	0
mid-performing	0	0	0

Positive values show pairs of means that are significantly different.

Connecting Letters Report

Level	Mean
high-performing	0
low-performing	0
mid-performing	0

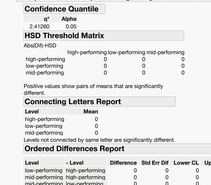
Levels not connected by same letter are significantly different.

Ordered Differences Report

Level	- Level	Difference	Std Err Dif	Lower CL	Upper CL	p-Value
low-performing	high-performing	0	0	0	0	.
mid-performing	high-performing	0	0	0	0	.
mid-performing	low-performing	0	0	0	0	.

Excluded Rows 3

Oneway Analysis of Barn management By Herd Indicator=POCP kgNMVOCeq



Oneway Anova

Summary of Fit

Rsquare	0.554634
Adj Rsquare	0.537505
Root Mean Square Error	0.001078
Mean of Response	0.006618
Observations (or Sum Wgts)	55

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Herd	2	0.00007019	0.000038	32.3790	<.0001*
Error	52	0.00006037	1.161e-6		
C. Total	54	0.00013056			

Means for Oneway Anova

Level	Number	Mean	Std Error	Lower 95%	Upper 95%
high-performing	14	0.005177	0.00029	0.00460	0.00576
low-performing	14	0.008415	0.00029	0.00784	0.00898
mid-performing	27	0.006434	0.00021	0.00602	0.00685

Std Error uses a pooled estimate of error variance

Means Comparisons

Comparisons for all pairs using Tukey-Kramer HSD

Confidence Quantile

q*	Alpha
2.41260	0.05

HSD Threshold Matrix

Abs(Dif)-HSD

	high-performing	low-performing	mid-performing
high-performing	-0.00098	0.00112	0.00226
low-performing	0.00112	-0.00071	0.00040
mid-performing	0.00226	0.00040	-0.00098

Positive values show pairs of means that are significantly different.

Connecting Letters Report

Level		Mean
low-performing	A	0.00841500
mid-performing	B	0.00643398
high-performing	C	0.00517719

Levels not connected by same letter are significantly different.

Ordered Differences Report

Level	- Level	Difference	Std Err Dif	Lower CL	Upper CL	p-Value
low-performing	high-performing	0.0032378	0.0004073	0.0023352	0.0042204	<.0001*
low-performing	mid-performing	0.0019810	0.0003549	0.0011249	0.0028372	<.0001*
mid-performing	high-performing	0.0012568	0.0003549	0.0004006	0.0021129	0.0024*

Excluded Rows 3