

One-way ANOVA and Tukey Test

(pH,T°, W%,C%,N%,C/N)

Soil temperature

One-way ANOVA: d0 versus Soil temperature

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil temperature	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil temperature	2	0,00000	0,00000	0,00	1,000
Error	6	6,00000	1,00000		
Total	8	6,00000			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1	0,00%	0,00%	0,00%

Means

Soil temperature	N	Mean	StDev	95% CI
D0	3	13,000	1,000	(11,587; 14,413)
D1	3	13,000	1,000	(11,587; 14,413)
D2	3	13,000	1,000	(11,587; 14,413)

Pooled StDev = 1

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil temperature	N	Mean	Grouping
D2	3	13,000	A
D1	3	13,000	A
D0	3	13,000	A

Means that do not share a letter are significantly different.

One-way ANOVA: d15 versus Soil temperature

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil temperature	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil temperature	2	6,000	3,0000	4,00	0,079
Error	6	4,500	0,7500		
Total	8	10,500			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,866025	57,14%	42,86%	3,57%

Means

Soil temperature	N	Mean	StDev	95% CI
D0	3	13,000	0,500	(11,777; 14,223)
D1	3	12,000	1,000	(10,777; 13,223)
D2	3	14,000	1,000	(12,777; 15,223)

Pooled StDev = 0,866025

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil temperature	N	Mean	Grouping
D2	3	14,000	A
D0	3	13,000	A
D1	3	12,000	A

Means that do not share a letter are significantly different.

One-way ANOVA: d30 versus Soil temperature

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil temperature	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil temperature	2	2,000	1,000	0,60	0,579
Error	6	10,000	1,667		
Total	8	12,000			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,29099	16,67%	0,00%	0,00%

Means

Soil temperature	N	Mean	StDev	95% CI
D0	3	13,00	1,73	(11,18; 14,82)
D1	3	14,000	1,000	(12,176; 15,824)
D2	3	14,000	1,000	(12,176; 15,824)

Pooled StDev = 1,29099

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil temperature	N	Mean	Grouping
D2	3	14,000	A
D1	3	14,000	A
D0	3	13,00	A

Means that do not share a letter are significantly different.

One-way ANOVA: d45 versus Soil temperature

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil temperature	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil temperature	2	6,000	3,0000	4,00	0,079
Error	6	4,500	0,7500		
Total	8	10,500			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,866025	57,14%	42,86%	3,57%

Means

Soil temperature	N	Mean	StDev	95% CI
D0	3	14,000	1,000	(12,777; 15,223)
D1	3	15,000	0,500	(13,777; 16,223)
D2	3	16,000	1,000	(14,777; 17,223)

Pooled StDev = 0,866025

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil temperature	N	Mean	Grouping
D2	3	16,000	A
D1	3	15,000	A
D0	3	14,000	A

Means that do not share a letter are significantly different.

One-way ANOVA: d60 versus Soil temperature

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil temperature	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil temperature	2	14,00	7,000	3,50	0,098
Error	6	12,00	2,000		
Total	8	26,00			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,41421	53,85%	38,46%	0,00%

Means

Soil temperature	N	Mean	StDev	95% CI
D0	3	19,000	1,000	(17,002; 20,998)
D1	3	20,00	2,00	(18,00; 22,00)
D2	3	22,000	1,000	(20,002; 23,998)

Pooled StDev = 1,41421

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil temperature	N	Mean	Grouping
D2	3	22,000	A
D1	3	20,00	A
D0	3	19,000	A

Means that do not share a letter are significantly different.

One-way ANOVA: d75 versus Soil temperature

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil temperature	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil temperature	2	26,00	13,000	7,80	0,021
Error	6	10,00	1,667		
Total	8	36,00			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,29099	72,22%	62,96%	37,50%

Means

Soil temperature	N	Mean	StDev	95% CI
D0	3	18,000	1,000	(16,176; 19,824)
D1	3	21,000	1,000	(19,176; 22,824)
D2	3	22,00	1,73	(20,18; 23,82)

Pooled StDev = 1,29099

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil temperature	N	Mean	Grouping
D2	3	22,00	A
D1	3	21,000	A B
D0	3	18,000	B

Means that do not share a letter are significantly different.

One-way ANOVA: d90 versus Soil temperature

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil temperature	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil temperature	2	2,000	1,000	0,71	0,531
Error	6	8,500	1,417		
Total	8	10,500			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,19024	19,05%	0,00%	0,00%

Means

Soil temperature	N	Mean	StDev	95% CI
D0	3	25,00	1,73	(23,32; 26,68)
D1	3	26,000	1,000	(24,319; 27,681)
D2	3	26,000	0,500	(24,319; 27,681)

Pooled StDev = 1,19024

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil temperature	N	Mean	Grouping
D2	3	26,000	A
D1	3	26,000	A
D0	3	25,00	A

Means that do not share a letter are significantly different.

One-way ANOVA: d105 versus Soil temperature

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil temperature	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil temperature	2	8,000	4,000	2,82	0,137
Error	6	8,500	1,417		
Total	8	16,500			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,19024	48,48%	31,31%	0,00%

Means

Soil temperature	N	Mean	StDev	95% CI
D0	3	32,00	1,73	(30,32; 33,68)
D1	3	34,000	0,500	(32,319; 35,681)
D2	3	34,000	1,000	(32,319; 35,681)

Pooled StDev = 1,19024

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil temperature	N	Mean	Grouping
D2	3	34,000	A
D1	3	34,000	A
D0	3	32,00	A

Means that do not share a letter are significantly different.

One-way ANOVA: d120 versus Soil temperature

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil temperature	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil temperature	2	18,00	9,000	4,50	0,064
Error	6	12,00	2,000		
Total	8	30,00			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,41421	60,00%	46,67%	10,00%

Means

Soil temperature	N	Mean	StDev	95% CI
D0	3	35,000	1,000	(33,002; 36,998)
D1	3	38,00	2,00	(36,00; 40,00)
D2	3	38,000	1,000	(36,002; 39,998)

Pooled StDev = 1,41421

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil temperature	N	Mean	Grouping
D2	3	38,000	A
D1	3	38,00	A
D0	3	35,000	A

Means that do not share a letter are significantly different.

One-way ANOVA: d165 versus Soil temperature

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil temperature	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil temperature	2	26,00	13,000	3,55	0,096
Error	6	22,00	3,667		
Total	8	48,00			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,91485	54,17%	38,89%	0,00%

Means

Soil temperature	N	Mean	StDev	95% CI
D0	3	25,000	1,000	(22,295; 27,705)
D1	3	28,000	1,000	(25,295; 30,705)
D2	3	29,00	3,00	(26,29; 31,71)

Pooled StDev = 1,91485

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil temperature	N	Mean	Grouping
D2	3	29,00	A
D1	3	28,000	A
D0	3	25,000	A

Means that do not share a letter are significantly different.

One-way ANOVA: d180 versus Soil temperature

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil temperature	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil temperature	2	18,00	9,000	2,25	0,187
Error	6	24,00	4,000		
Total	8	42,00			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
2	42,86%	23,81%	0,00%

Means

Soil temperature	N	Mean	StDev	95% CI
D0	3	19,00	2,65	(16,17; 21,83)
D1	3	19,000	1,000	(16,175; 21,825)
D2	3	22,00	2,00	(19,17; 24,83)

Pooled StDev = 2

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil temperature	N	Mean	Grouping
D2	3	22,00	A
D1	3	19,000	A
D0	3	19,00	A

Means that do not share a letter are significantly different.

Soil moisture (%)

One-way ANOVA: : d0 versus Soil moisture (%)

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Soil moisture	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Soil moisture	2	0,000000	0,000000	0,00	1,000
Error	6	0,060000	0,010000		
Total	8	0,060000			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,1	0,00%	0,00%	0,00%

Means

Soil moisture	N	Mean	StDev	95% CI
D0	3	60,1000	0,1000	(59,9587; 60,2413)
D1	3	60,1000	0,1000	(59,9587; 60,2413)
D2	3	60,1000	0,1000	(59,9587; 60,2413)

Pooled StDev = 0,1

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Soil moisture	N	Mean	Grouping
D2	3	60,1000	A
D1	3	60,1000	A
D0	3	60,1000	A

Means that do not share a letter are significantly different.

One-way ANOVA: : d15 versus Soil moisture (%)

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Time and treatment	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Time and treatment	2	70,417	35,209	30,64	0,001
Error	6	6,895	1,149		
Total	8	77,312			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,07199	91,08%	88,11%	79,93%

Means

Time and treatment	N	Mean	StDev	95% CI
D0T15	3	25,233	1,168	(23,719; 26,748)
D1T15	3	29,083	1,127	(27,569; 30,598)
D2T15	3	32,067	0,902	(30,552; 33,581)

Pooled StDev = 1,07199

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Time and treatment	N	Mean	Grouping
D2	3	32,067	A
D1	3	29,083	B
D0	3	25,233	C

Means that do not share a letter are significantly different.

One-way ANOVA: : d30 versus Soil moisture (%)

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Time and treatment	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Time and treatment	2	23,067	11,5335	11,87	0,008
Error	6	5,830	0,9717		
Total	8	28,897			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,985737	79,82%	73,10%	54,61%

Means

Time and treatment	N	Mean	StDev	95% CI
D0	3	21,700	0,826	(20,307; 23,093)
D1	3	25,380	0,754	(23,987; 26,773)
D2	3	22,367	1,290	(20,974; 23,759)

Pooled StDev = 0,985737

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Time and treatment	N	Mean	Grouping
D1	3	25,380	A
D2	3	22,367	B
D0	3	21,700	B

Means that do not share a letter are significantly different.

One-way ANOVA: : d45 versus Soil moisture (%)

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Time and treatment	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Time and treatment	2	35,757	17,8786	22,69	0,002
Error	6	4,728	0,7881		
Total	8	40,486			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,887725	88,32%	84,43%	73,72%

Means

Time and treatment	N	Mean	StDev	95% CI
D0	3	20,750	1,048	(19,496; 22,004)
D1	3	25,567	1,007	(24,313; 26,821)
D2	3	22,467	0,503	(21,213; 23,721)

Pooled StDev = 0,887725

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Time and treatment	N	Mean	Grouping
D1	3	25,567	A
D2	3	22,467	B
D0	3	20,750	B

Means that do not share a letter are significantly different.

One-way ANOVA: : d60 versus Soil moisture (%)

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Time and treatment	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Time and treatment	2	41,27	20,634	10,76	0,010
Error	6	11,51	1,918		
Total	8	52,78			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,38484	78,20%	70,93%	50,94%

Means

Time and treatment	N	Mean	StDev	95% CI
D0	3	18,500	0,500	(16,544; 20,456)
D1	3	22,000	1,000	(20,044; 23,956)
D2	3	23,63	2,12	(21,68; 25,59)

Pooled StDev = 1,38484

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Time and treatment	N	Mean	Grouping
D2	3	23,63	A
D1	3	22,000	A
D0	3	18,500	B

Means that do not share a letter are significantly different.

One-way ANOVA: : d75 versus Soil moisture (%)

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Time and treatment	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Time and treatment	2	66,374	33,1869	39,16	0,000
Error	6	5,085	0,8475		
Total	8	71,459			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,920598	92,88%	90,51%	83,99%

Means

Time and treatment	N	Mean	StDev	95% CI
D0	3	13,883	0,936	(12,583; 15,184)
D1	3	17,0667	0,1155	(15,7661; 18,3672)
D2	3	20,533	1,286	(19,233; 21,834)

Pooled StDev = 0,920598

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Time and treatment	N	Mean	Grouping
D2	3	20,533	A
D1	3	17,0667	B
D0	3	13,883	C

Means that do not share a letter are significantly different.

One-way ANOVA: : d90 versus Soil moisture (%)

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Time and treatment	3	D0T90; D1T90; D2T90

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Time and treatment	2	148,28	74,142	41,73	0,000
Error	6	10,66	1,777		
Total	8	158,95			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,33298	93,29%	91,06%	84,91%

Means

Time and treatment	N	Mean	StDev	95% CI
D0T90	3	4,237	1,045	(2,354; 6,120)
D1T90	3	14,13	1,85	(12,24; 16,01)
D2T90	3	10,067	0,902	(8,184; 11,950)

Pooled StDev = 1,33298

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Time and treatment	N	Mean	Grouping
D1T90	3	14,13	A
D2T90	3	10,067	B
D0T90	3	4,237	C

Means that do not share a letter are significantly different.

One-way ANOVA: : d105 versus Soil moisture (%)

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Time and treatment	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Time and treatment	2	4,147	2,074	1,54	0,288
Error	6	8,066	1,344		
Total	8	12,214			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,15948	33,96%	11,94%	0,00%

Means

Time and treatment	N	Mean	StDev	95% CI
D0	3	12,187	0,315	(10,549; 13,825)
D1	3	10,583	1,665	(8,945; 12,221)
D2	3	11,767	1,079	(10,129; 13,405)

Pooled StDev = 1,15948

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Time and treatment	N	Mean	Grouping
D0	3	12,187	A
D2	3	11,767	A
D1	3	10,583	A

Means that do not share a letter are significantly different.

One-way ANOVA: : d120 versus Soil moisture (%)

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Time and treatment	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Time and treatment	2	7,226	3,6129	8,58	0,017
Error	6	2,527	0,4212		
Total	8	9,753			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,648965	74,09%	65,45%	41,70%

Means

Time and treatment	N	Mean	StDev	95% CI
D0	3	11,567	0,666	(10,650; 12,483)
D1	3	11,173	0,755	(10,257; 12,090)
D2	3	9,500	0,500	(8,583; 10,417)

Pooled StDev = 0,648965

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Time and treatment	N	Mean	Grouping
D0	3	11,567	A
D1	3	11,173	A
D2	3	9,500	B

Means that do not share a letter are significantly different.

One-way ANOVA: : d165 versus Soil moisture (%)

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Time and treatment	3	D0T; D1T; D2T

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Time and treatment	2	12,494	6,247	4,71	0,059
Error	6	7,955	1,326		
Total	8	20,449			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,15145	61,10%	48,13%	12,47%

Means

Time and treatment	N	Mean	StDev	95% CI
D0	3	23,717	0,375	(22,090; 25,343)
D1	3	24,33	1,89	(22,71; 25,96)
D2	3	26,467	0,503	(24,840; 28,093)

Pooled StDev = 1,15145

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Time and treatment	N	Mean	Grouping
D2	3	26,467	A
D1	3	24,33	A
D0	3	23,717	A

Means that do not share a letter are significantly different.

One-way ANOVA: : d180 versus Soil moisture (%) Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
Time and treatment	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Time and treatment	2	46,085	23,0425	25,82	0,001
Error	6	5,355	0,8925		
Total	8	51,440			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,944722	89,59%	86,12%	76,58%

Means

Time and treatment	N	Mean	StDev	95% CI
D0	3	20,283	1,005	(18,949; 21,618)
D1	3	22,133	0,231	(20,799; 23,468)
D2	3	25,733	1,270	(24,399; 27,068)

Pooled StDev = 0,944722

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

Time and treatment	N	Mean	Grouping
D2	3	25,733	A
D1	3	22,133	B
D0	3	20,283	B

Means that do not share a letter are significantly different.

pH

One-way ANOVA: d0 versus pH

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
pH	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
pH	2	0,3548	0,17741	2,21	0,191
Error	6	0,4821	0,08036		
Total	8	0,8370			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,283471	42,39%	23,19%	0,00%

Means

pH	N	Mean	StDev	95% CI
D0	3	8,7267	0,0503	(8,3262; 9,1271)
D1	3	8,280	0,242	(7,880; 8,680)
D2	3	8,337	0,424	(7,936; 8,737)

Pooled StDev = 0,283471

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

pH	N	Mean	Grouping
D0	3	8,7267	A
D2	3	8,337	A
D1	3	8,280	A

Means that do not share a letter are significantly different.

One-way ANOVA: d15 versus pH

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
pH	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
pH	2	0,11962	0,059811	8,50	0,018
Error	6	0,04220	0,007033		
Total	8	0,16182			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0838650	73,92%	65,23%	41,32%

Means

pH	N	Mean	StDev	95% CI
D0	3	7,2433	0,0862	(7,1249; 7,3618)
D1	3	7,4633	0,0929	(7,3449; 7,5818)
D2	3	7,5067	0,0709	(7,3882; 7,6251)

Pooled StDev = 0,0838650

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

pH	N	Mean	Grouping
D2	3	7,5067	A
D1	3	7,4633	A
D0	3	7,2433	B

Means that do not share a letter are significantly different.

One-way ANOVA: d30 versus pH

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
pH	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
pH	2	0,092867	0,046433	36,03	0,000
Error	6	0,007733	0,001289		
Total	8	0,100600			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0359011	92,31%	89,75%	82,70%

Means

pH	N	Mean	StDev	95% CI
D0	3	7,3933	0,0306	(7,3426; 7,4441)
D1	3	7,6167	0,0503	(7,5659; 7,6674)
D2	3	7,6000	0,0200	(7,5493; 7,6507)

Pooled StDev = 0,0359011

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

pH	N	Mean	Grouping
D1	3	7,6167	A
D2	3	7,6000	A
D0	3	7,3933	B

Means that do not share a letter are significantly different.

Tukey Simultaneous 95% CIs

One-way ANOVA: d45 versus pH

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
pH	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
pH	2	0,10500	0,052500	13,94	0,006
Error	6	0,02260	0,003767		
Total	8	0,12760			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0613732	82,29%	76,38%	60,15%

Means

pH	N	Mean	StDev	95% CI
D0	3	7,3467	0,0808	(7,2600; 7,4334)
D1	3	7,5967	0,0252	(7,5100; 7,6834)
D2	3	7,5467	0,0643	(7,4600; 7,6334)

Pooled StDev = 0,0613732

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

pH	N	Mean	Grouping
D1	3	7,5967	A
D2	3	7,5467	A
D0	3	7,3467	B

Means that do not share a letter are significantly different.

One-way ANOVA: d60 versus pH

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
pH	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
pH	2	0,126156	0,063078	39,15	0,000
Error	6	0,009667	0,001611		
Total	8	0,135822			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0401386	92,88%	90,51%	83,99%

Means

pH	N	Mean	StDev	95% CI
D0	3	8,7600	0,0656	(8,7033; 8,8167)
D1	3	8,61333	0,01528	(8,55663; 8,67004)
D2	3	8,4700	0,0173	(8,4133; 8,5267)

Pooled StDev = 0,0401386

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

pH	N	Mean	Grouping
D0	3	8,7600	A
D1	3	8,61333	B
D2	3	8,4700	C

Means that do not share a letter are significantly different.

One-way ANOVA: d75 versus pH

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
pH	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
pH	2	0,50107	0,250533	95,54	0,000
Error	6	0,01573	0,002622		
Total	8	0,51680			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0512076	96,96%	95,94%	93,15%

Means

pH	N	Mean	StDev	95% CI
D0	3	8,6733	0,0252	(8,6010; 8,7457)
D1	3	8,6467	0,0451	(8,5743; 8,7190)
D2	3	8,1600	0,0721	(8,0877; 8,2323)

Pooled StDev = 0,0512076

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

pH	N	Mean	Grouping
D0	3	8,6733	A
D1	3	8,6467	A
D2	3	8,1600	B

Means that do not share a letter are significantly different.

One-way ANOVA: d90 versus pH

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
pH	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
pH	2	0,008956	0,004478	0,81	0,488
Error	6	0,033133	0,005522		
Total	8	0,042089			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0743117	21,28%	0,00%	0,00%

Means

pH	N	Mean	StDev	95% CI
D0	3	7,6233	0,1150	(7,5184; 7,7283)
D1	3	7,6533	0,0462	(7,5484; 7,7583)
D2	3	7,7000	0,0346	(7,5950; 7,8050)

Pooled StDev = 0,0743117

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

pH	N	Mean	Grouping
D2	3	7,7000	A
D1	3	7,6533	A
D0	3	7,6233	A

Means that do not share a letter are significantly different.

One-way ANOVA: d105 versus pH

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
pH	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
pH	2	0,09229	0,04614	3,44	0,101
Error	6	0,08047	0,01341		
Total	8	0,17276			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,115806	53,42%	37,90%	0,00%

Means

pH	N	Mean	StDev	95% CI
D0	3	7,7600	0,0917	(7,5964; 7,9236)
D1	3	7,6800	0,1587	(7,5164; 7,8436)
D2	3	7,5167	0,0814	(7,3531; 7,6803)

Pooled StDev = 0,115806

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

pH	N	Mean	Grouping
D0	3	7,7600	A
D1	3	7,6800	A
D2	3	7,5167	A

Means that do not share a letter are significantly different.

One-way ANOVA: d120 versus pH

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
pH	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
pH	2	0,09780	0,04890	4,41	0,066
Error	6	0,06660	0,01110		
Total	8	0,16440			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,105357	59,49%	45,99%	8,85%

Means

pH	N	Mean	StDev	95% CI
D0	3	7,8000	0,1572	(7,6512; 7,9488)
D1	3	7,5500	0,0361	(7,4012; 7,6988)
D2	3	7,6300	0,0854	(7,4812; 7,7788)

Pooled StDev = 0,105357

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

pH	N	Mean	Grouping
D0	3	7,8000	A
D2	3	7,6300	A
D1	3	7,5500	A

Means that do not share a letter are significantly different.

One-way ANOVA: d165 versus pH

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
pH	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
pH	2	0,05227	0,026133	6,78	0,029
Error	6	0,02313	0,003856		
Total	8	0,07540			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0620931	69,32%	59,09%	30,97%

Means

pH	N	Mean	StDev	95% CI
D0	3	7,6167	0,1012	(7,5289; 7,7044)
D1	3	7,7100	0,0265	(7,6223; 7,7977)
D2	3	7,5233	0,0252	(7,4356; 7,6111)

Pooled StDev = 0,0620931

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

pH	N	Mean	Grouping
D1	3	7,7100	A
D0	3	7,6167	A B
D2	3	7,5233	B

Means that do not share a letter are significantly different.

One-way ANOVA: d180 versus pH

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
pH	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
pH	2	0,06847	0,03423	1,33	0,332
Error	6	0,15413	0,02569		
Total	8	0,22260			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,160278	30,76%	7,68%	0,00%

Means

pH	N	Mean	StDev	95% CI
D0	3	7,247	0,234	(7,020; 7,473)
D1	3	7,2500	0,1179	(7,0236; 7,4764)
D2	3	7,0633	0,0929	(6,8369; 7,2898)

Pooled StDev = 0,160278

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

pH	N	Mean	Grouping
D1	3	7,2500	A
D0	3	7,247	A
D2	3	7,0633	A

Means that do not share a letter are significantly different.

C%

One-way ANOVA: d0 versus C%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
C%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
C%	2	0,068664	0,034332	*	*
Error	6	0,000000	0,000000		
Total	8	0,068664			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0	100,00%	100,00%	100,00%

Means

C%	N	Mean	StDev	95% CI
D0	3	0,8721	0,0000	(0,8721; 0,8721)
D1	3	0,9791	0,0000	(0,9791; 0,9791)
D2	3	1,086	0,000	(1,086; 1,086)

Pooled StDev = 0

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

C%	N	Mean	Grouping
D2	3	1,086	A
D1	3	0,9791	B
D0	3	0,8721	C

Means that do not share a letter are significantly different.

One-way ANOVA: d15 versus C%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
C%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
C%	2	0,03606	0,01803	0,57	0,593
Error	6	0,18920	0,03153		
Total	8	0,22526			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,177577	16,01%	0,00%	0,00%

Means

C%	N	Mean	StDev	95% CI
D0	3	0,952	0,195	(0,701; 1,202)
D1	3	0,876	0,231	(0,625; 1,127)
D2	3	0,7965	0,0581	(0,5456; 1,0474)

Pooled StDev = 0,177577

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

C%	N	Mean	Grouping
D0	3	0,952	A
D1	3	0,876	A
D2	3	0,7965	A

Means that do not share a letter are significantly different.

One-way ANOVA: d30 versus C%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
C%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
C%	2	0,8307	0,41536	4,63	0,061
Error	6	0,5383	0,08972		
Total	8	1,3691			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,299536	60,68%	47,57%	11,53%

Means

C%	N	Mean	StDev	95% CI
D0	3	0,948	0,253	(0,525; 1,371)
D1	3	1,320	0,365	(0,897; 1,743)
D2	3	1,692	0,269	(1,269; 2,115)

Pooled StDev = 0,299536

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

C%	N	Mean	Grouping
D2	3	1,692	A
D1	3	1,320	A
D0	3	0,948	A

Means that do not share a letter are significantly different.

One-way ANOVA: d45 versus C%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
C%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
C%	2	0,6941	0,34705	18,15	0,003
Error	6	0,1147	0,01912		
Total	8	0,8088			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,138291	85,81%	81,08%	68,08%

Means

C%	N	Mean	StDev	95% CI
D0	3	1,1589	0,1338	(0,9635; 1,3543)
D1	3	1,453	0,174	(1,258; 1,649)
D2	3	1,8372	0,0952	(1,6418; 2,0326)

Pooled StDev = 0,138291

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

C%	N	Mean	Grouping
D2	3	1,8372	A
D1	3	1,453	B
D0	3	1,1589	B

Means that do not share a letter are significantly different.

One-way ANOVA: d60 versus C%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
C%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
C%	2	0,03201	0,01600	0,43	0,669
Error	6	0,22318	0,03720		
Total	8	0,25519			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,192866	12,54%	0,00%	0,00%

Means

C%	N	Mean	StDev	95% CI
D0	3	0,773	0,314	(0,501; 1,046)
D1	3	0,6279	0,0507	(0,3554; 0,9004)
D2	3	0,6880	0,1021	(0,4155; 0,9605)

Pooled StDev = 0,192866

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

C%	N	Mean	Grouping
D0	3	0,773	A
D2	3	0,6880	A
D1	3	0,6279	A

Means that do not share a letter are significantly different.

One-way ANOVA: d75 versus C%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
C%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
C%	2	0,01523	0,007617	0,20	0,822
Error	6	0,22632	0,037719		
Total	8	0,24155			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,194215	6,31%	0,00%	0,00%

Means

C%	N	Mean	StDev	95% CI
D0	3	0,341	0,236	(0,067; 0,615)
D1	3	0,291	0,233	(0,016; 0,565)
D2	3	0,2403	0,0597	(-0,0341; 0,5147)

Pooled StDev = 0,194215

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

C%	N	Mean	Grouping
D0	3	0,341	A
D1	3	0,291	A
D2	3	0,2403	A

Means that do not share a letter are significantly different.

One-way ANOVA: d90 versus C%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
C%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
C%	2	0,003636	0,001818	0,18	0,839
Error	6	0,060393	0,010066		
Total	8	0,064029			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,100327	5,68%	0,00%	0,00%

Means

C%	N	Mean	StDev	95% CI
D0	3	0,2946	0,0524	(0,1528; 0,4363)
D1	3	0,3372	0,1628	(0,1955; 0,4789)
D2	3	0,3372	0,0308	(0,1955; 0,4789)

Pooled StDev = 0,100327

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

C%	N	Mean	Grouping
D2	3	0,3372	A
D1	3	0,3372	A
D0	3	0,2946	A

Means that do not share a letter are significantly different.

One-way ANOVA: d105 versus C%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
C%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
C%	2	0,014745	0,007373	6,46	0,032
Error	6	0,006851	0,001142		
Total	8	0,021596			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0337899	68,28%	57,70%	28,63%

Means

C%	N	Mean	StDev	95% CI
D0	3	0,2946	0,0553	(0,2468; 0,3423)
D1	3	0,33721	0,01163	(0,28947; 0,38495)
D2	3	0,23837	0,01538	(0,19064; 0,28611)

Pooled StDev = 0,0337899

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

C%	N	Mean	Grouping
D1	3	0,33721	A
D0	3	0,2946	A B
D2	3	0,23837	B

Means that do not share a letter are significantly different.

One-way ANOVA: d120 versus C%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

C% 3 D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
C%	2	0,000008	0,000004	0,01	0,995
Error	6	0,004214	0,000702		
Total	8	0,004222			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0265015	0,18%	0,00%	0,00%

Means

C%	N	Mean	StDev	95% CI
D0	3	0,2907	0,0266	(0,2533; 0,3281)
D1	3	0,2907	0,0266	(0,2533; 0,3281)
D2	3	0,2926	0,0262	(0,2552; 0,3301)

Pooled StDev = 0,0265015

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

C%	N	Mean	Grouping
D2	3	0,2926	A
D1	3	0,2907	A
D0	3	0,2907	A

Means that do not share a letter are significantly different.

One-way ANOVA: d165 versus C%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
C%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
C%	2	0,099746	0,049873	81,47	0,000
Error	6	0,003673	0,000612		
Total	8	0,103419			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0247425	96,45%	95,26%	92,01%

Means

C%	N	Mean	StDev	95% CI
D0	3	0,3391	0,0220	(0,3042; 0,3741)
D1	3	0,3837	0,0349	(0,3488; 0,4187)
D2	3	0,58140	0,01163	(0,54644; 0,61635)

Pooled StDev = 0,0247425

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

C%	N	Mean	Grouping
D2	3	0,58140	A
D1	3	0,3837	B
D0	3	0,3391	B

Means that do not share a letter are significantly different.

One-way ANOVA: d180 versus C%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
C%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
C%	2	0,05747	0,02874	2,08	0,206
Error	6	0,08304	0,01384		
Total	8	0,14051			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,117644	40,90%	21,20%	0,00%

Means

C%	N	Mean	StDev	95% CI
D0	3	0,5310	0,1080	(0,3648; 0,6972)
D1	3	0,6279	0,0465	(0,4617; 0,7941)
D2	3	0,7267	0,1664	(0,5605; 0,8929)

Pooled StDev = 0,117644

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

C%	N	Mean	Grouping
D2	3	0,7267	A
D1	3	0,6279	A
D0	3	0,5310	A

Means that do not share a letter are significantly different.

N%

One-way ANOVA: d0 versus N%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
N%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
N%	2	0,000001	0,000001	*	*
Error	6	0,000000	0,000000		
Total	8	0,000001			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0	100,00%	100,00%	100,00%

Means

N%	N	Mean	StDev	95% CI
D0	3	0,003267	0,000000	(0,003267; 0,003267)
D1	3	0,003711	0,000000	(0,003711; 0,003711)
D2	3	0,004116	0,000000	(0,004116; 0,004116)

Pooled StDev = 0

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

N%	N	Mean	Grouping
D2	3	0,004116	A
D1	3	0,003711	B
D0	3	0,003267	C

Means that do not share a letter are significantly different.

One-way ANOVA: d15 versus N%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
N%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
N%	2	0,000277	0,000139	26,00	0,001
Error	6	0,000032	0,000005		
Total	8	0,000309			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0023099	89,66%	86,21%	76,72%

Means

N%	N	Mean	StDev	95% CI
D0	3	0,004900	0,000000	(0,001637; 0,008163)
D1	3	0,00817	0,00283	(0,00490; 0,01143)
D2	3	0,01797	0,00283	(0,01470; 0,02123)

Pooled StDev = 0,00230988

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

N%	N	Mean	Grouping
D2	3	0,01797	A
D1	3	0,00817	B
D0	3	0,004900	B

Means that do not share a letter are significantly different.

One-way ANOVA: d30 versus N%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
N%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
N%	2	0,002209	0,001104	29,98	0,001
Error	6	0,000221	0,000037		
Total	8	0,002430			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0060698	90,90%	87,87%	79,53%

Means

N%	N	Mean	StDev	95% CI
D0	3	0,00343	0,00255	(-0,00514; 0,01200)
D1	3	0,01470	0,00000	(0,00613; 0,02327)
D2	3	0,04083	0,01020	(0,03226; 0,04941)

Pooled StDev = 0,00606976

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

N%	N	Mean	Grouping
D2	3	0,04083	A
D1	3	0,01470	B
D0	3	0,00343	B

Means that do not share a letter are significantly different.

Tukey Simultaneous 95% CIs

Interval Plot of d30 vs N%

One-way ANOVA: d45 versus N%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
N%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
N%	2	0,000790	0,000395	29,60	0,001
Error	6	0,000080	0,000013		
Total	8	0,000870			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0036522	90,80%	87,73%	79,29%

Means

N%	N	Mean	StDev	95% CI
D0	3	0,004900	0,000000	(-0,000260; 0,010060)
D1	3	0,01797	0,00283	(0,01281; 0,02313)
D2	3	0,02777	0,00566	(0,02261; 0,03293)

Pooled StDev = 0,00365224

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

N%	N	Mean	Grouping
D2	3	0,02777	A
D1	3	0,01797	B
D0	3	0,004900	C

Means that do not share a letter are significantly different.

One-way ANOVA: d60 versus N%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
N%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
N%	2	0,000325	0,000163	20,33	0,002
Error	6	0,000048	0,000008		
Total	8	0,000373			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0028290	87,14%	82,86%	71,07%

Means

N%	N	Mean	StDev	95% CI
D0	3	0,01797	0,00283	(0,01397; 0,02196)
D1	3	0,02613	0,00283	(0,02214; 0,03013)
D2	3	0,03267	0,00283	(0,02867; 0,03666)

Pooled StDev = 0,00282902

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

N%	N	Mean	Grouping
D2	3	0,03267	A
D1	3	0,02613	A
D0	3	0,01797	B

Means that do not share a letter are significantly different.

One-way ANOVA: d75 versus N%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
N%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
N%	2	0,000486	0,000243	30,33	0,001
Error	6	0,000048	0,000008		
Total	8	0,000534			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0028290	91,00%	88,00%	79,75%

Means

N%	N	Mean	StDev	95% CI
D0	3	0,01633	0,00283	(0,01234; 0,02033)
D1	3	0,03103	0,00283	(0,02704; 0,03503)
D2	3	0,03267	0,00283	(0,02867; 0,03666)

Pooled StDev = 0,00282902

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

N%	N	Mean	Grouping
D2	3	0,03267	A
D1	3	0,03103	A
D0	3	0,01633	B

Means that do not share a letter are significantly different.

One-way ANOVA: d90 versus N%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
N%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
N%	2	0,000005	0,000003	1,00	0,422
Error	6	0,000016	0,000003		
Total	8	0,000021			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0016333	25,00%	0,00%	0,00%

Means

N%	N	Mean	StDev	95% CI
D0	3	0,01307	0,00283	(0,01076; 0,01537)
D1	3	0,01470	0,00000	(0,01239; 0,01701)
D2	3	0,01470	0,00000	(0,01239; 0,01701)

Pooled StDev = 0,00163333

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

N%	N	Mean	Grouping
D2	3	0,01470	A
D1	3	0,01470	A
D0	3	0,01307	A

Means that do not share a letter are significantly different.

One-way ANOVA: d105 versus N%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
N%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
N%	2	0,000005	0,000003	1,00	0,422
Error	6	0,000016	0,000003		
Total	8	0,000021			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0016333	25,00%	0,00%	0,00%

Means

N%	N	Mean	StDev	95% CI
D0	3	0,01307	0,00283	(0,01076; 0,01537)
D1	3	0,01470	0,00000	(0,01239; 0,01701)
D2	3	0,01470	0,00000	(0,01239; 0,01701)

Pooled StDev = 0,00163333

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

N%	N	Mean	Grouping
D2	3	0,01470	A
D1	3	0,01470	A
D0	3	0,01307	A

Means that do not share a letter are significantly different.

One-way ANOVA: d120 versus N%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
N%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
N%	2	0,000005	0,000003	1,00	0,422
Error	6	0,000016	0,000003		
Total	8	0,000021			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0016333	25,00%	0,00%	0,00%

Means

N%	N	Mean	StDev	95% CI
D0	3	0,01307	0,00283	(0,01076; 0,01537)
D1	3	0,01470	0,00000	(0,01239; 0,01701)
D2	3	0,01470	0,00000	(0,01239; 0,01701)

Pooled StDev = 0,00163333

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

N%	N	Mean	Grouping
D2	3	0,01470	A
D1	3	0,01470	A
D0	3	0,01307	A

Means that do not share a letter are significantly different.

One-way ANOVA: d165 versus N%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
N%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
N%	2	0,000101	0,000051	19,00	0,003
Error	6	0,000016	0,000003		
Total	8	0,000117			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0016333	86,36%	81,82%	69,32%

Means

N%	N	Mean	StDev	95% CI
D0	3	0,00653	0,00283	(0,00423; 0,00884)
D1	3	0,009800	0,000000	(0,007493; 0,012107)
D2	3	0,01470	0,000000	(0,01239; 0,01701)

Pooled StDev = 0,00163333

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

N%	N	Mean	Grouping
D2	3	0,01470	A
D1	3	0,009800	B
D0	3	0,00653	B

Means that do not share a letter are significantly different.

One-way ANOVA: d180 versus N%

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
N%	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
N%	2	0,000069	0,000035	13,00	0,007
Error	6	0,000016	0,000003		
Total	8	0,000085			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,0016333	81,25%	75,00%	57,81%

Means

N%	N	Mean	StDev	95% CI
D0	3	0,00817	0,00283	(0,00586; 0,01047)
D1	3	0,009800	0,000000	(0,007493; 0,012107)
D2	3	0,01470	0,000000	(0,01239; 0,01701)

Pooled StDev = 0,00163333

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

N%	N	Mean	Grouping
D2	3	0,01470	A
D1	3	0,009800	B
D0	3	0,00817	B

Means that do not share a letter are significantly different.

CN

One-way ANOVA: d0 versus CN

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
CN	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
CN	2	54,0086	27,0043	*	*
Error	6	0,0000	0,0000		
Total	8	54,0086			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0	100,00%	100,00%	100,00%

Means

CN	N	Mean	StDev	95% CI
D0	3	267,0	0,0	(267,0; 267,0)
D1	3	263,8	0,0	(263,8; 263,8)
D2	3	261,0	0,0	(261,0; 261,0)

Pooled StDev = 0

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

CN	N	Mean	Grouping
D0	3	267,0	A
D1	3	263,8	B
D2	3	261,0	C

Means that do not share a letter are significantly different.

One-way ANOVA: d15 versus CN

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
CN	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
CN	2	33658	16828,9	26,92	0,001
Error	6	3751	625,2		
Total	8	37409			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
25,0031	89,97%	86,63%	77,44%

Means

CN	N	Mean	StDev	95% CI
D0	3	193,9	39,7	(158,5; 229,2)
D1	3	106,34	14,75	(71,01; 141,66)
D2	3	44,82	8,82	(9,50; 80,14)

Pooled StDev = 25,0031

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

CN	N	Mean	Grouping
D0	3	193,9	A
D1	3	106,34	B
D2	3	44,82	B

Means that do not share a letter are significantly different.

One-way ANOVA: d30 versus CN

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
CN	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
CN	2	92634	46317,2	239,26	0,000
Error	6	1162	193,6		
Total	8	93796			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
13,9136	98,76%	98,35%	97,21%

Means

CN	N	Mean	StDev	95% CI
D0	3	276,07	9,82	(256,41; 295,73)
D1	3	87,4	20,9	(67,8; 107,1)
D2	3	41,64	6,95	(21,98; 61,30)

Pooled StDev = 13,9136

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

CN	N	Mean	Grouping
D0	3	276,07	A
D1	3	87,4	B
D2	3	41,64	C

Means that do not share a letter are significantly different.

One-way ANOVA: d45 versus CN

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
CN	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
CN	2	54178	27088,9	80,46	0,000
Error	6	2020	336,7		
Total	8	56198			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
18,3489	96,41%	95,21%	91,91%

Means

CN	N	Mean	StDev	95% CI
D0	3	236,5	27,3	(210,6; 262,4)
D1	3	80,41	6,43	(54,49; 106,33)
D2	3	64,59	14,95	(38,66; 90,51)

Pooled StDev = 18,3489

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

CN	N	Mean	Grouping
D0	3	236,5	A
D1	3	80,41	B
D2	3	64,59	B

Means that do not share a letter are significantly different.

One-way ANOVA: d60 versus CN

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
CN	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
CN	2	899,9	450,0	3,58	0,095
Error	6	753,9	125,6		
Total	8	1653,8			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
11,2091	54,42%	39,22%	0,00%

Means

CN	N	Mean	StDev	95% CI
D0	3	43,2	18,8	(27,4; 59,1)
D1	3	24,26	3,72	(8,42; 40,09)
D2	3	20,33	3,37	(4,49; 36,16)

Pooled StDev = 11,2091

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

CN	N	Mean	Grouping
D0	3	43,2	A
D1	3	24,26	A
D2	3	20,33	A

Means that do not share a letter are significantly different.

One-way ANOVA: d75 versus CN

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
CN	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
CN	2	322,2	161,09	1,75	0,252
Error	6	551,8	91,96		
Total	8	874,0			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
9,58976	36,86%	15,82%	0,00%

Means

CN	N	Mean	StDev	95% CI
D0	3	20,91	14,53	(7,36; 34,46)
D1	3	9,42	7,95	(-4,13; 22,96)
D2	3	7,289	1,280	(-6,259; 20,836)

Pooled StDev = 9,58976

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

CN	N	Mean	Grouping
D0	3	20,91	A
D1	3	9,42	A
D2	3	7,289	A

Means that do not share a letter are significantly different.

One-way ANOVA: d90 versus CN

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
CN	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
CN	2	1,787	0,8936	0,02	0,982
Error	6	297,091	49,5152		
Total	8	298,879			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
7,03671	0,60%	0,00%	0,00%

Means

CN	N	Mean	StDev	95% CI
D0	3	22,99	8,46	(13,05; 32,94)
D1	3	23,94	8,62	(14,00; 33,88)
D2	3	23,939	1,623	(13,998; 33,880)

Pooled StDev = 7,03671

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

CN	N	Mean	Grouping
D1	3	23,94	A
D2	3	23,939	A
D0	3	22,99	A

Means that do not share a letter are significantly different.

One-way ANOVA: d105 versus CN

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
CN	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
CN	2	103,68	51,838	21,04	0,002
Error	6	14,78	2,464		
Total	8	118,46			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
1,56975	87,52%	83,36%	71,92%

Means

CN	N	Mean	StDev	95% CI
D0	3	22,74	2,25	(20,52; 24,96)
D1	3	23,939	1,119	(21,722; 26,157)
D2	3	16,216	1,046	(13,998; 18,433)

Pooled StDev = 1,56975

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

CN	N	Mean	Grouping
D1	3	23,939	A
D0	3	22,74	A
D2	3	16,216	B

Means that do not share a letter are significantly different.

One-way ANOVA: d120 versus CN

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
CN	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
CN	2	15,94	7,970	1,38	0,321
Error	6	34,63	5,772		
Total	8	50,57			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
2,40256	31,52%	8,69%	0,00%

Means

CN	N	Mean	StDev	95% CI
D0	3	22,73	3,31	(19,34; 26,12)
D1	3	19,91	1,78	(16,51; 23,30)
D2	3	19,91	1,78	(16,51; 23,30)

Pooled StDev = 2,40256

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

CN	N	Mean	Grouping
D0	3	22,73	A
D2	3	19,91	A
D1	3	19,91	A

Means that do not share a letter are significantly different.

One-way ANOVA: d165 versus CN

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
CN	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
CN	2	297,0	148,52	3,49	0,099
Error	6	255,5	42,58		
Total	8	552,5			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
6,52504	53,76%	38,35%	0,00%

Means

CN	N	Mean	StDev	95% CI
D0	3	51,54	10,70	(42,32; 60,75)
D1	3	39,16	3,56	(29,94; 48,37)
D2	3	39,551	0,791	(30,333; 48,769)

Pooled StDev = 6,52504

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

CN	N	Mean	Grouping
D0	3	51,54	A
D2	3	39,551	A
D1	3	39,16	A

Means that do not share a letter are significantly different.

One-way ANOVA: d180 versus CN

Method

Null hypothesis All means are equal
Alternative hypothesis At least one mean is different
Significance level $\alpha = 0,05$

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
CN	3	D0; D1; D2

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
CN	2	483,1	241,53	4,69	0,059
Error	6	309,3	51,54		
Total	8	792,3			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
7,17938	60,97%	47,96%	12,18%

Means

CN	N	Mean	StDev	95% CI
D0	3	65,75	2,00	(55,61; 75,89)
D1	3	64,07	4,75	(53,93; 74,21)
D2	3	49,44	11,32	(39,30; 59,58)

Pooled StDev = 7,17938

Tukey Pairwise Comparisons

Grouping Information Using the Tukey Method and 95% Confidence

CN	N	Mean	Grouping
D0	3	65,75	A
D1	3	64,07	A
D2	3	49,44	A

Means that do not share a letter are significantly different.