

Response Failure

Effect Summary

Source	LogWorth		PValue
Depth	2,041	<div><div></div></div>	0,00911
CD	0,202	<div><div></div></div>	0,62739

DEPTH -> significativo
CD -> non significativo

Un valore di logWorth >2 indica
significatività per il relativo fattore
con un livello pari a 0.01

Lack Of Fit

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	2	0,079573	0,039787	0,1674
Pure Error	414	98,415190	0,237718	Prob > F
Total Error	416	98,494763		0,8459
				Max RSq
				0,0237

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	0,5995566	0,023744	25,25	<,0001*
CD[NO]	0,0115338	0,023743	0,49	0,6274
Depth[1]	0,0599361	0,033518	1,79	0,0745
Depth[3]	-0,103237	0,033638	-3,07	0,0023*

Effect Tests

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
CD	1	1	0,0558699	0,2360	0,6274
Depth	2	2	2,2503785	4,7523	0,0091*

Depth ha un’effetto significativo
CD non ha un effetto significativo

Effect Details

CD

Least Squares Means Table

Level	Least Sq Mean	Std Error	Mean
NO	0,61109035	0,03349836	0,611374
YES	0,58802279	0,03365827	0,588517

Depth

Least Squares Means Table

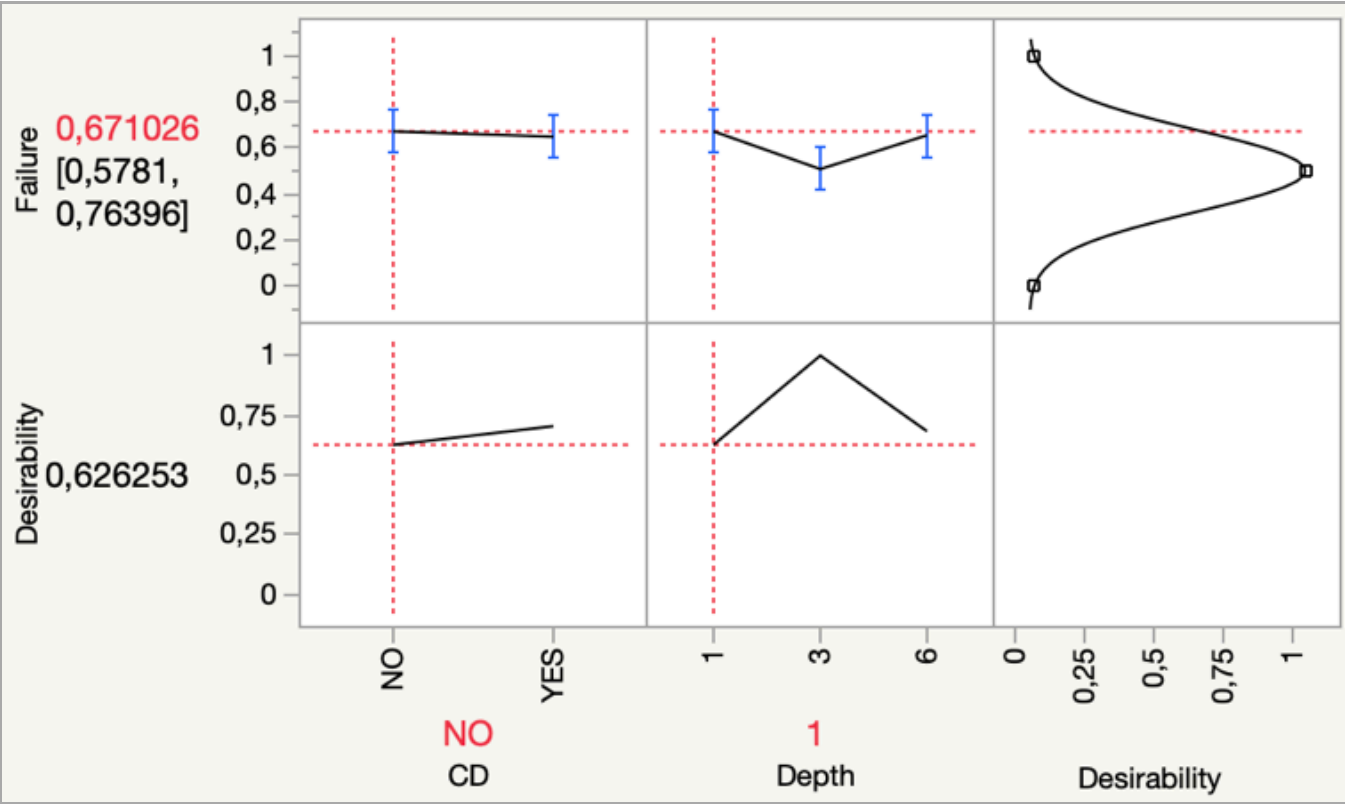
Level	Least Sq Mean	Std Error	Mean
1	0,65949267	0,04097831	0,659574
3	0,49631990	0,04127207	0,496403
6	0,64285714	0,04112405	0,642857

Scaled Estimates

Nominal factors expanded to all levels

Term	Scaled Estimate		Std Error	t Ratio	Prob> t
Intercept	0,5995566		0,023744	25,25	<,0001*
CD[NO]	0,0115338		0,023743	0,49	0,6274
CD[YES]	-0,011534		0,023743	-0,49	0,6274
Depth[1]	0,0599361		0,033518	1,79	0,0745
Depth[3]	-0,103237		0,033638	-3,07	0,0023*
Depth[6]	0,0433006		0,033578	1,29	0,1979

Prediction Profiler



Effect Screening

Using estimates standardized to have equal variances
Using estimates orthogonalized to be uncorrelated

	Lenth PSE
t-Test Scale	0,5806472
Coded Scale	0,0137863

Each Orthog Estimate is conditioned on the effects before it

Correlations of Estimates

Intercept	1,0000	-0,0048	-0,0050	0,0051
CD[NO]	-0,0048	1,0000	-0,0017	-0,0017
Depth[1]	-0,0050	-0,0017	1,0000	-0,5000
Depth[3]	0,0051	-0,0017	-0,5000	1,0000

Transformation to make uncorrelated

Intercept	42,1177	0,20056	0,10028	-0,1003
CD[NO]	0	42,1172	0,0998	0,10076

Depth[1]	0	0	34,45	17,164
Depth[3]	0	0	0	29,728

Multiple Comparisons for CD

Least Squares Means Estimates

CD	Estimate	Std Error	DF	Lower 95%	Upper 95%	Arithmetic Mean Estimate
NO	0,61109035	0,03349836	416	0,54524319	0,67693751	0,61137441
YES	0,58802279	0,03365827	416	0,52186131	0,65418427	0,58851675

Multiple Comparisons for Depth

Least Squares Means Estimates

Depth	Estimate	Std Error	DF	Lower 95%	Upper 95%	Arithmetic Mean Estimate
1	0,65949267	0,04097831	416	0,57894231	0,74004303	0,65957447
3	0,49631990	0,04127207	416	0,41519210	0,57744770	0,49640288
6	0,64285714	0,04112405	416	0,56202030	0,72369399	0,64285714