

**VOLTS:**

		(-)	(+)
<b>Factor 1</b>	<b>Salt</b>	<b>little</b>	<b>lots</b>
<b>Factor 2</b>	<b>Surface</b>	<b>1 sq in</b>	<b>3 sq in</b>

Dsgn Pt	mean	1	2	1X2	xi1	xi2	Ave	SS
1	+	+	+	+	0.55	0.48	0.52	0.002
2	+	-	+	-	0.47	0.46	0.47	0.000
3	+	+	-	-	0.4	0.42	0.41	0.000
4	+	-	-	+	0.47	0.48	0.48	0.000

**Total: 0.003**

sum (+)	1.865	0.925	0.980	0.990
sum (-)	0.000	0.940	0.885	0.875
Diff	1.865	-0.015	0.095	0.115
Effect	0.933	0.007	0.048	0.058
SE	0.019	0.019	0.019	0.019
t0		0.405	2.562	3.101

t-table  
Effect?

<b>N</b>	<b>8</b>	(number of data pts)
<b>2^f</b>	<b>4</b>	(f=number of factors)
DOF	4	
SSwithin	0.003	
sigma^2	0.001	
Var(effect)	0.000	
Std Error	0.019	

**CURRENT:**

Dsgn Pt	mean	1	2	1X2	xi1	xi2	Ave	SS
1	+	+	+	+	6.2	6.13	6.165	0.002
2	+	-	+	-	5.3	5	5.150	0.045
3	+	+	-	-	4.2	4	4.100	0.020
4	+	-	-	+	3.1	3	3.050	0.005

**Total: 0.072**

sum (+)	18.465	10.265	11.315	9.215
sum (-)	0.000	8.200	7.150	9.250
Diff	18.465	2.065	4.165	-0.035
Effect	9.233	1.033	2.083	0.018
SE	0.095	0.095	0.095	0.095
t0		10.850	21.883	0.184

t-table  
Effect?

<b>N</b>	<b>8</b>	(number of data pts)
<b>2^f</b>	<b>4</b>	(f=number of factors)
DOF	4	
SSwithin	0.072	
sigma^2	0.018	
Var(effect)	0.009	
Std Error	0.095	