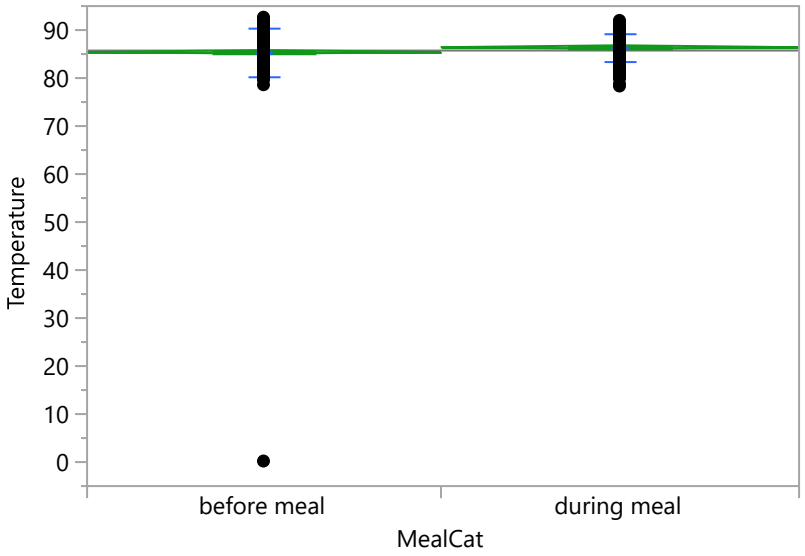
Oneway Analysis of Temperature By MealCat



Oneway Anova

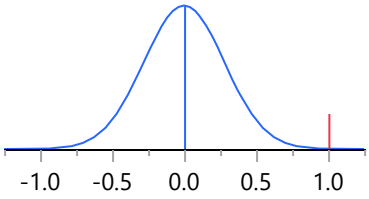
Summary of Fit

Rsquare	0.014576
Adj Rsquare	0.013442
Root Mean Square Error	4.123757
Mean of Response	85.73987
Observations (or Sum Wgts)	871

Pooled t Test

during meal-before meal
Assuming equal variances

Difference	1.00192	t Ratio	3.585221
Std Err Dif	0.27946	DF	869
Upper CL Dif	1.55041	Prob > |t|	0.0004*
Lower CL Dif	0.45343	Prob > t	0.0002*
Confidence	0.95	Prob < t	0.9998



Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
MealCat	1	218.584	218.584	12.8538	0.0004*
Error	869	14777.669	17.005		
C. Total	870	14996.252			

Means for Oneway Anova

Level	Number	Mean	Std Error	Lower 95%	Upper 95%
before meal	434	85.2372	0.19795	84.849	85.626
during meal	437	86.2391	0.19727	85.852	86.626

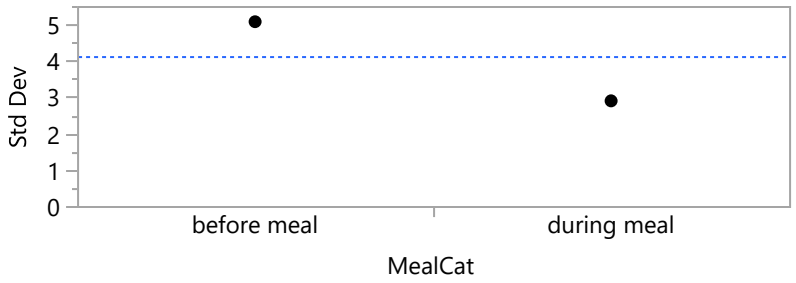
Std Error uses a pooled estimate of error variance

Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
before meal	434	85.237189	5.0698802	0.243362	84.758871	85.715507
during meal	437	86.239108	2.8925612	0.13837	85.967152	86.511063

Oneway Analysis of Temperature By MealCat

Tests that the Variances are Equal



Level	Count	Std Dev	MeanAbsDif to Mean	MeanAbsDif to Median
before meal	434	5.069880	2.558983	2.549171
during meal	437	2.892561	2.383046	2.382952

Test	F Ratio	DFNum	DFDen	p-Value
O'Brien[.5]	1.0730	1	869	0.3006
Brown-Forsythe	0.5504	1	869	0.4584
Levene	0.6196	1	869	0.4314
Bartlett	130.2063	1	.	<.0001*
F Test 2-sided	3.0721	433	436	<.0001*

Welch's Test

Welch Anova testing Means Equal, allowing Std Devs Not Equal

F Ratio	DFNum	DFDen	Prob > F
12.8088	1	686.92	0.0004*

t Test
3.5789