

restaurant	taste
1	8.2
1	8.5
1	8.4
2	7.1
2	7.8
2	6.8
3	8.5
3	8.8
3	8.5
4	8.2
4	8.3
4	9.1
5	7.4
5	6.7
5	7.2
6	7.9
6	8.2
6	8.0
7	8.4
7	7.5
7	7.7

The GLM Procedure

Class Level Information		
Class	Levels	Values
restaurant	7	1 2 3 4 5 6 7

Number of Observations Read	21
Number of Observations Used	21

The GLM Procedure

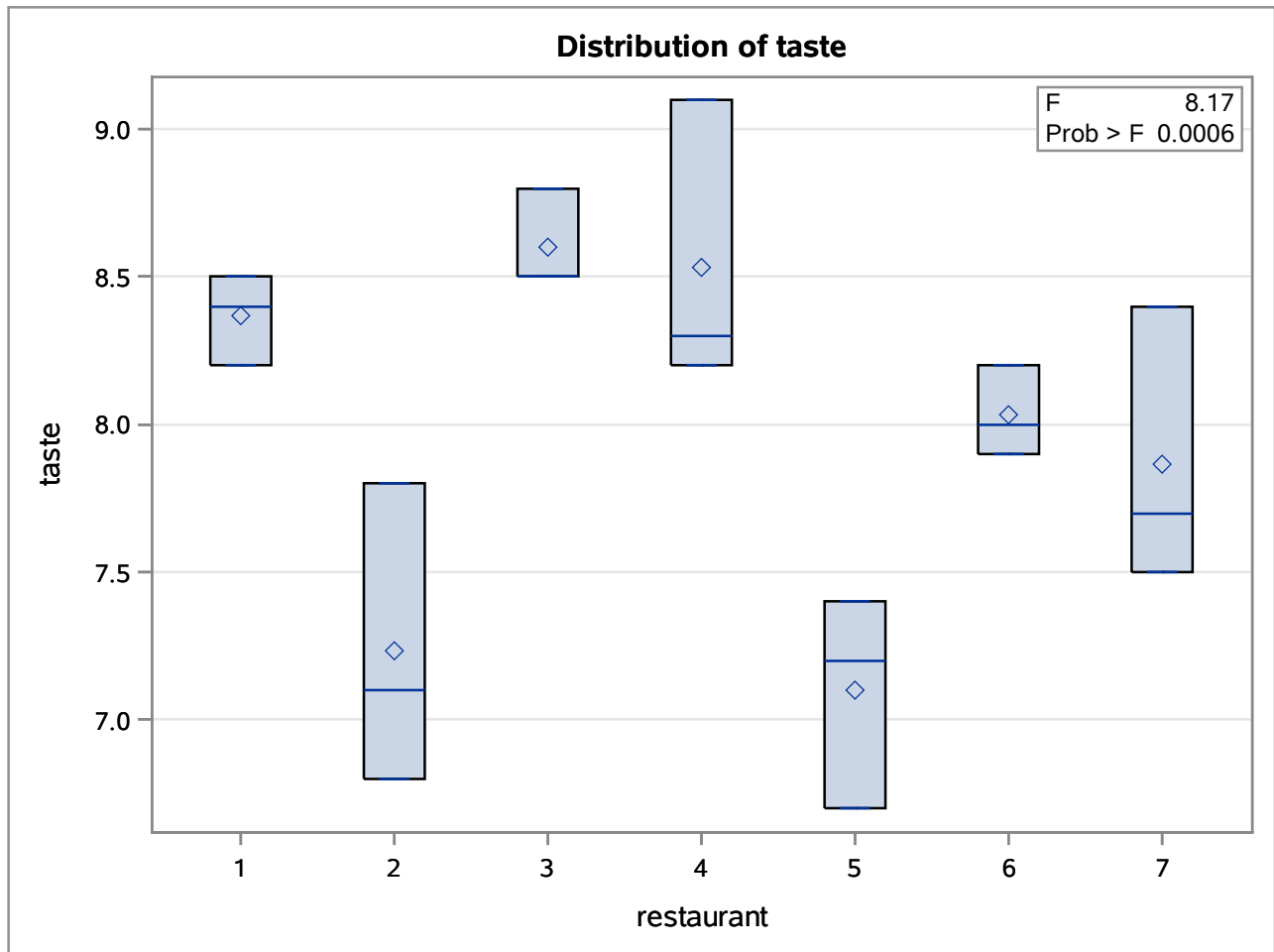
Dependent Variable: taste

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	6	6.55619048	1.09269841	8.17	0.0006
Error	14	1.87333333	0.13380952		
Corrected Total	20	8.42952381			

R-Square	Coeff Var	Root MSE	taste Mean
0.777765	4.594376	0.365800	7.961905

Source	DF	Type I SS	Mean Square	F Value	Pr > F
restaurant	6	6.55619048	1.09269841	8.17	0.0006

Source	DF	Type III SS	Mean Square	F Value	Pr > F
restaurant	6	6.55619048	1.09269841	8.17	0.0006



The GLM Procedure

Source	Type III Expected Mean Square
restaurant	$\text{Var}(\text{Error}) + 3 \text{Var}(\text{restaurant})$

The Mixed Procedure

Model Information	
Data Set	WORK.FOODTASTE
Dependent Variable	taste
Covariance Structure	Variance Components
Estimation Method	REML
Residual Variance Method	Profile
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
restaurant	7	1 2 3 4 5 6 7

Dimensions	
Covariance Parameters	2
Columns in X	1
Columns in Z	7
Subjects	1
Max Obs per Subject	21

Number of Observations	
Number of Observations Read	21
Number of Observations Used	21
Number of Observations Not Used	0

Iteration History			
Iteration	Evaluations	-2 Res Log Like	Criterion
0	1	42.52222395	
1	1	32.17523387	0.00000000

Convergence criteria met.

Covariance Parameter Estimates							
Cov Parm	Estimate	Standard Error	Z Value	Pr > Z	Alpha	Lower	Upper
restaurant	0.3196	0.2110	1.52	0.0649	0.1	0.1407	1.5285
Residual	0.1338	0.05058	2.65	0.0041	0.1	0.07909	0.2851

The Mixed Procedure

Fit Statistics	
-2 Res Log Likelihood	32.2
AIC (Smaller is Better)	36.2
AICC (Smaller is Better)	36.9
BIC (Smaller is Better)	36.1