

ANCOVA testing if INFLORESCENCE WEIGHT predicts the NUMBER OF VIABLE SEEDS**The GLM Procedure**

Class Level Information		
Class	Levels	Values
Population	3	Dales Mathers Pixley

Number of Observations Read	184
Number of Observations Used	184

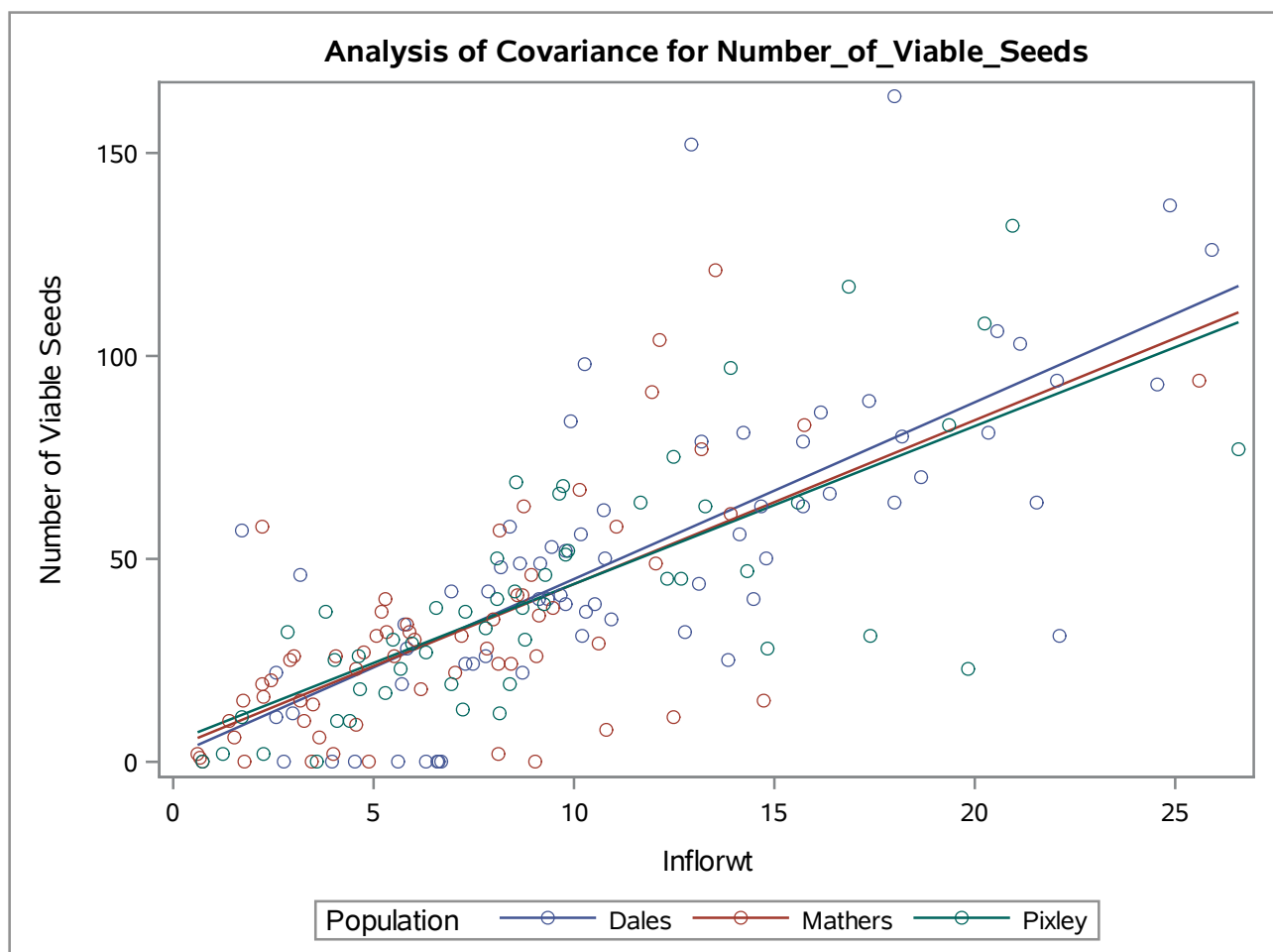
ANCOVA testing if INFLORESCENCE WEIGHT predicts the NUMBER OF VIABLE SEEDS**The GLM Procedure****Dependent Variable: Number_of_Viable_Seeds Number of Viable Seeds**

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	105929.6699	21185.9340	42.57	<.0001
Error	178	88589.5475	497.6941		
Corrected Total	183	194519.2174			

R-Square	Coeff Var	Root MSE	Number_of_Viable_Seeds Mean
0.544572	53.03445	22.30906	42.06522

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Population	2	13699.43717	6849.71859	13.76	<.0001
Inflorwt	1	92001.32512	92001.32512	184.86	<.0001
Inflorwt*Population	2	228.90763	114.45381	0.23	0.7948

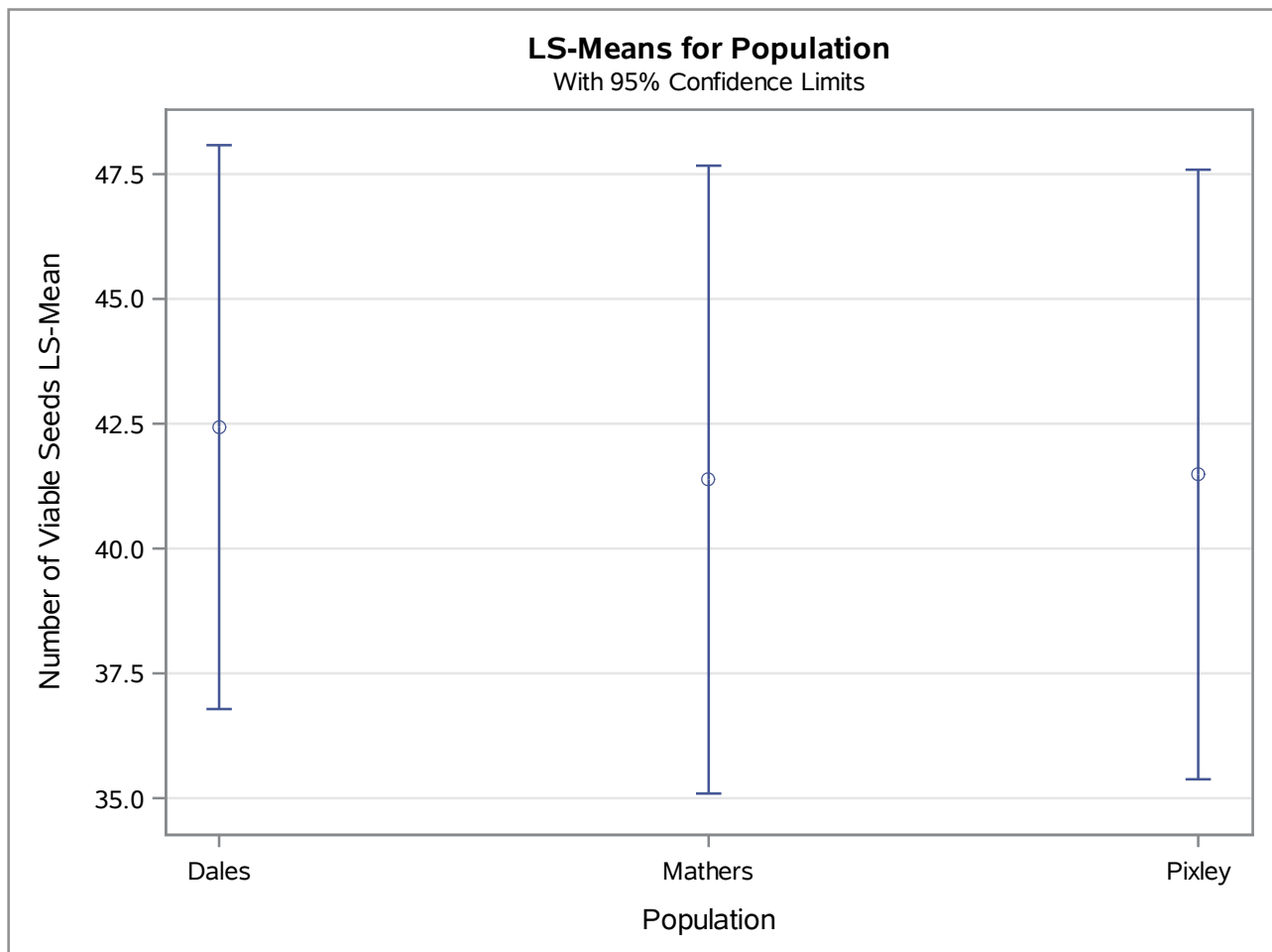
Source	DF	Type III SS	Mean Square	F Value	Pr > F
Population	2	82.91309	41.45654	0.08	0.9201
Inflorwt	1	83912.90936	83912.90936	168.60	<.0001
Inflorwt*Population	2	228.90763	114.45381	0.23	0.7948



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Least Squares Means**

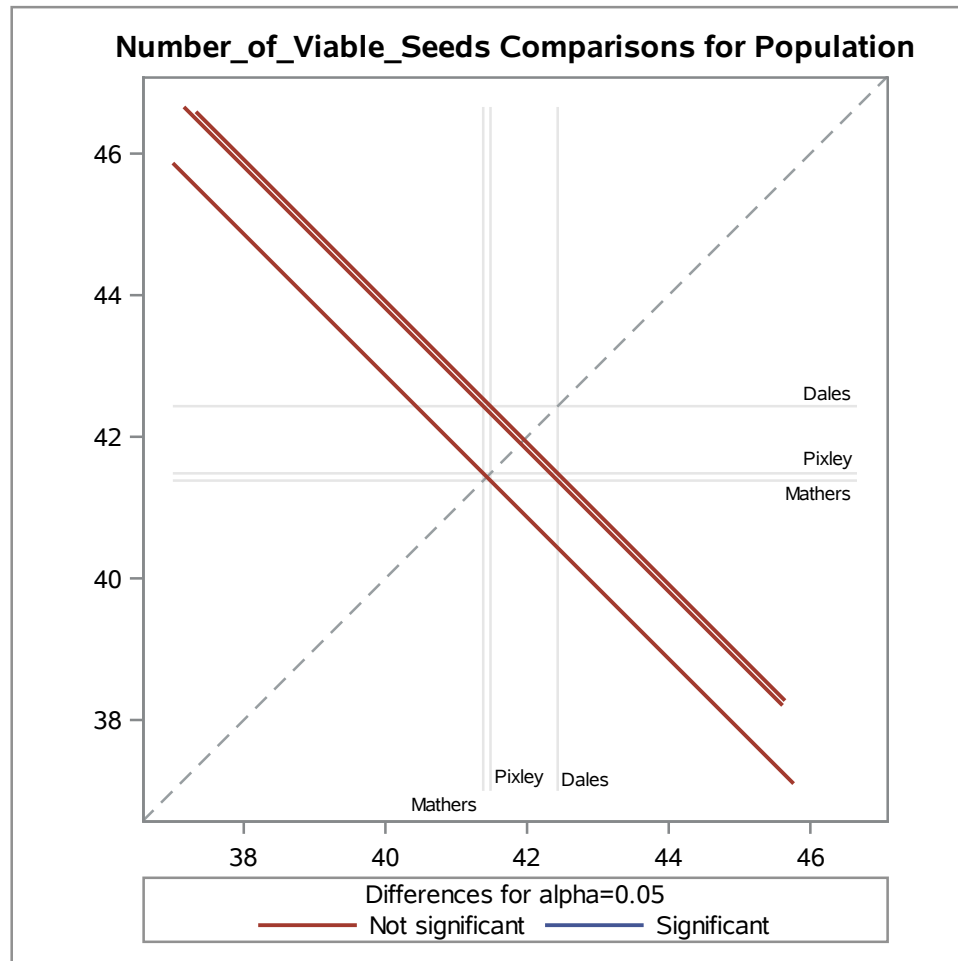
Population	Number_of_Viable_Seeds LSMEAN	LSMEAN Number
Dales	42.4324794	1
Mathers	41.3811754	2
Pixley	41.4835271	3

Least Squares Means for effect Population Pr > t for H0: LSMean(i)=LSMean(j)			
Dependent Variable: Number_of_Viable_Seeds			
i/j	1	2	3
1		0.8064	0.8221
2	0.8064		0.9816
3	0.8221	0.9816	



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Note: To ensure overall protection level, only probabilities associated with pre-planned comparisons should be used.