

The GLM Procedure

Class Level Information		
Class	Levels	Values
treatment	3	1 2 3

Number of Observations Read	15
Number of Observations Used	15

The GLM Procedure

Dependent Variable: y

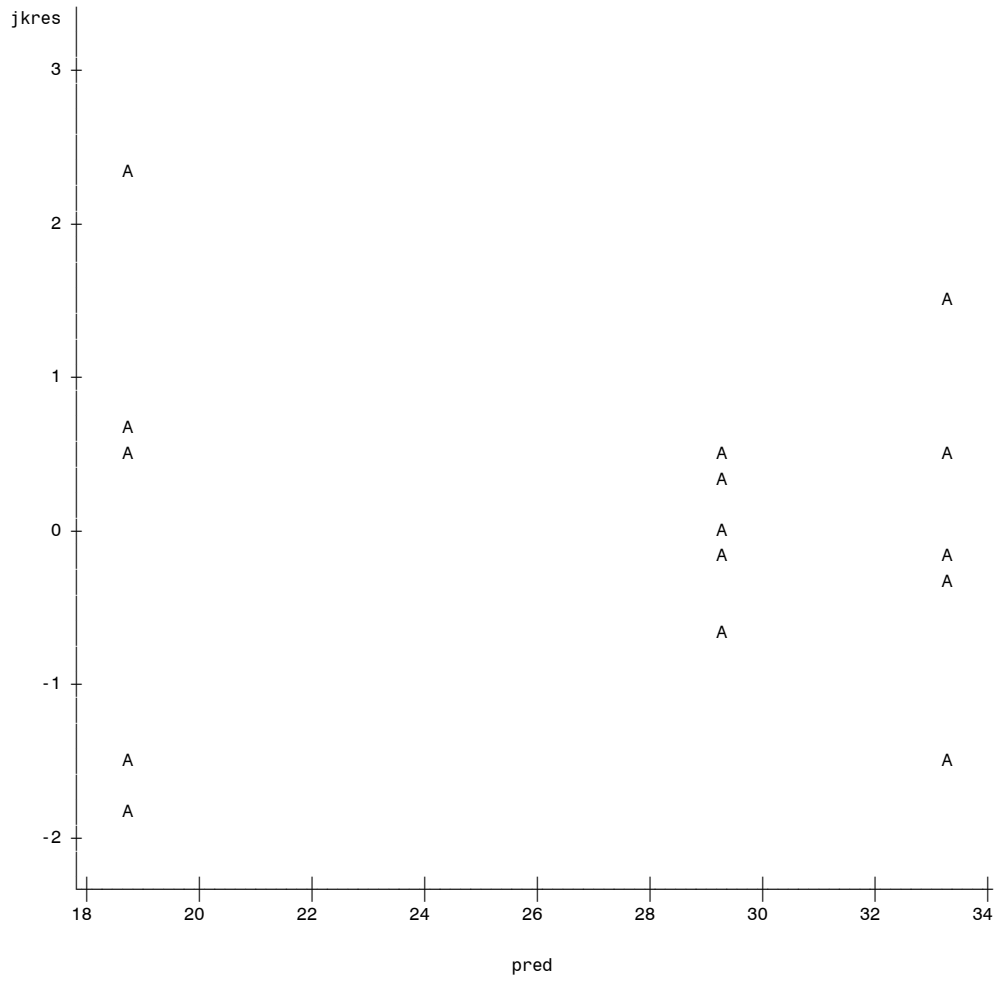
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	554.619160	277.309580	3.78	0.0533
Error	12	880.011480	73.334290		
Corrected Total	14	1434.630640			

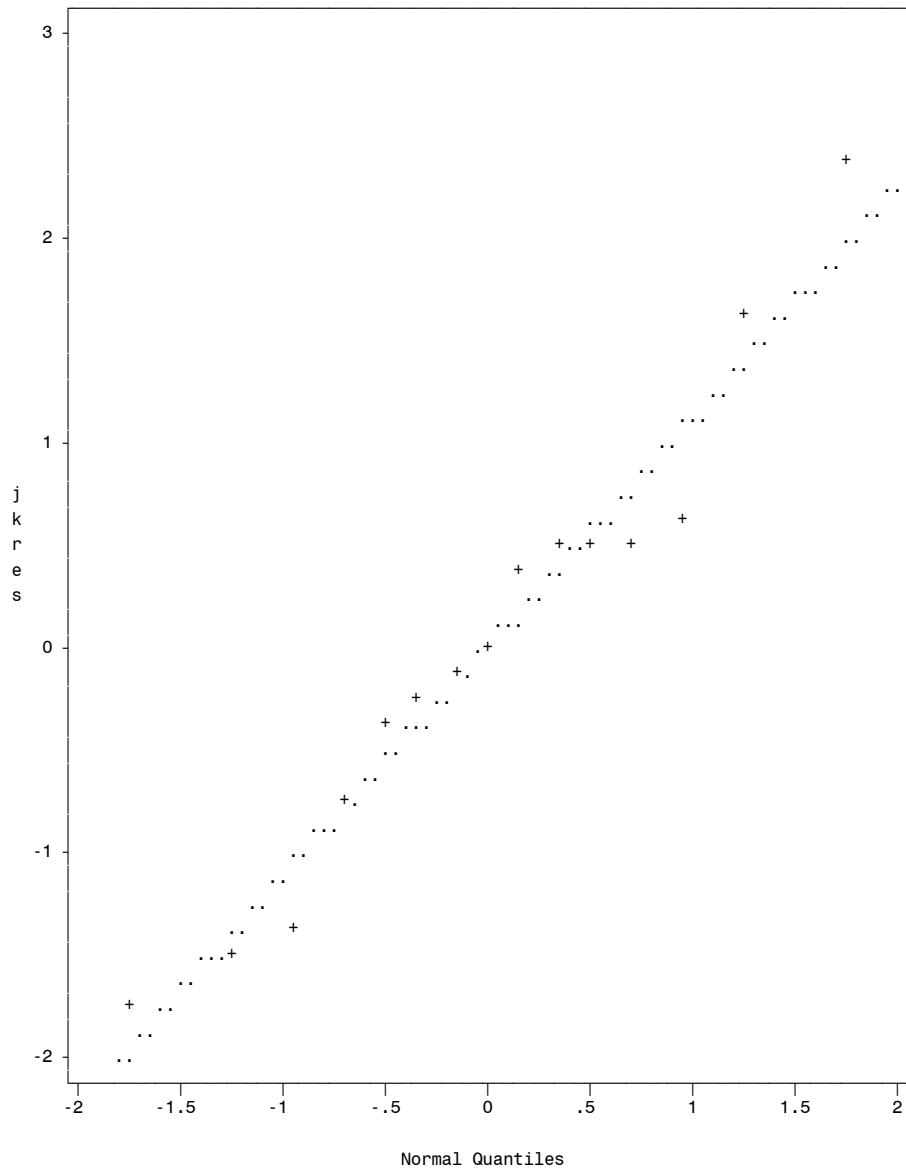
R-Square	Coeff Var	Root MSE	y Mean
0.386594	31.62547	8.563544	27.07800

Source	DF	Type I SS	Mean Square	F Value	Pr > F
treatment	2	554.6191600	277.3095800	3.78	0.0533

Source	DF	Type III SS	Mean Square	F Value	Pr > F
treatment	2	554.6191600	277.3095800	3.78	0.0533

Plot of jkres*pred. Legend: A = 1 obs, B = 2 obs, etc.





Normal Line: ... Mu=0.0087, Sigma=1.1257

The NPARIWAY Procedure

Analysis of Variance for Variable y Classified by Variable treatment		
treatment	N	Mean
1	5	18.7840
2	5	33.1920
3	5	29.2580

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Among	2	554.619160	277.309580	3.7814	0.0533
Within	12	880.011480	73.334290		

The NPARIWAY Procedure

Data Scores for Variable y Classified by Variable treatment					
treatment	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
1	5	93.920	135.390	18.481848	18.7840
2	5	165.960	135.390	18.481848	33.1920
3	5	146.290	135.390	18.481848	29.2580

Data Scores One-Way Analysis	
Chi-Square	5.4123
DF	2
Pr > Chi-Square	0.0668

Monte Carlo Estimate for the Exact Test	
Pr >= Chi-Square	
Estimate	0.0530
99% Lower Conf Limit	0.0401
99% Upper Conf Limit	0.0659
Number of Samples	2000
Initial Seed	454424001

The NPAR1WAY Procedure

Wilcoxon Scores (Rank Sums) for Variable y Classified by Variable treatment					
treatment	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
1	5	24.0	40.0	8.164966	4.80
2	5	52.0	40.0	8.164966	10.40
3	5	44.0	40.0	8.164966	8.80

Kruskal-Wallis Test	
Chi-Square	4.1600
DF	2
Pr > Chi-Square	0.1249

Monte Carlo Estimate for the Exact Test	
Pr >= Chi-Square	
Estimate	0.1285
99% Lower Conf Limit	0.1092
99% Upper Conf Limit	0.1478
Number of Samples	2000
Initial Seed	454486001