

The SAS System

The GLM Procedure

Class Level Information		
Class	Levels	Values
trt	4	check full n0 p0
block	5	1 2 3 4 5

Number of Observations Read	20
Number of Observations Used	20

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The GLM Procedure

Dependent Variable: y

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	156.5148067	19.5643508	17.11	<.0001
Error	11	12.5771933	1.1433812		
Corrected Total	19	169.0920000			

R-Square	Coeff Var	Root MSE	y Mean
0.925619	3.899672	1.069290	27.42000

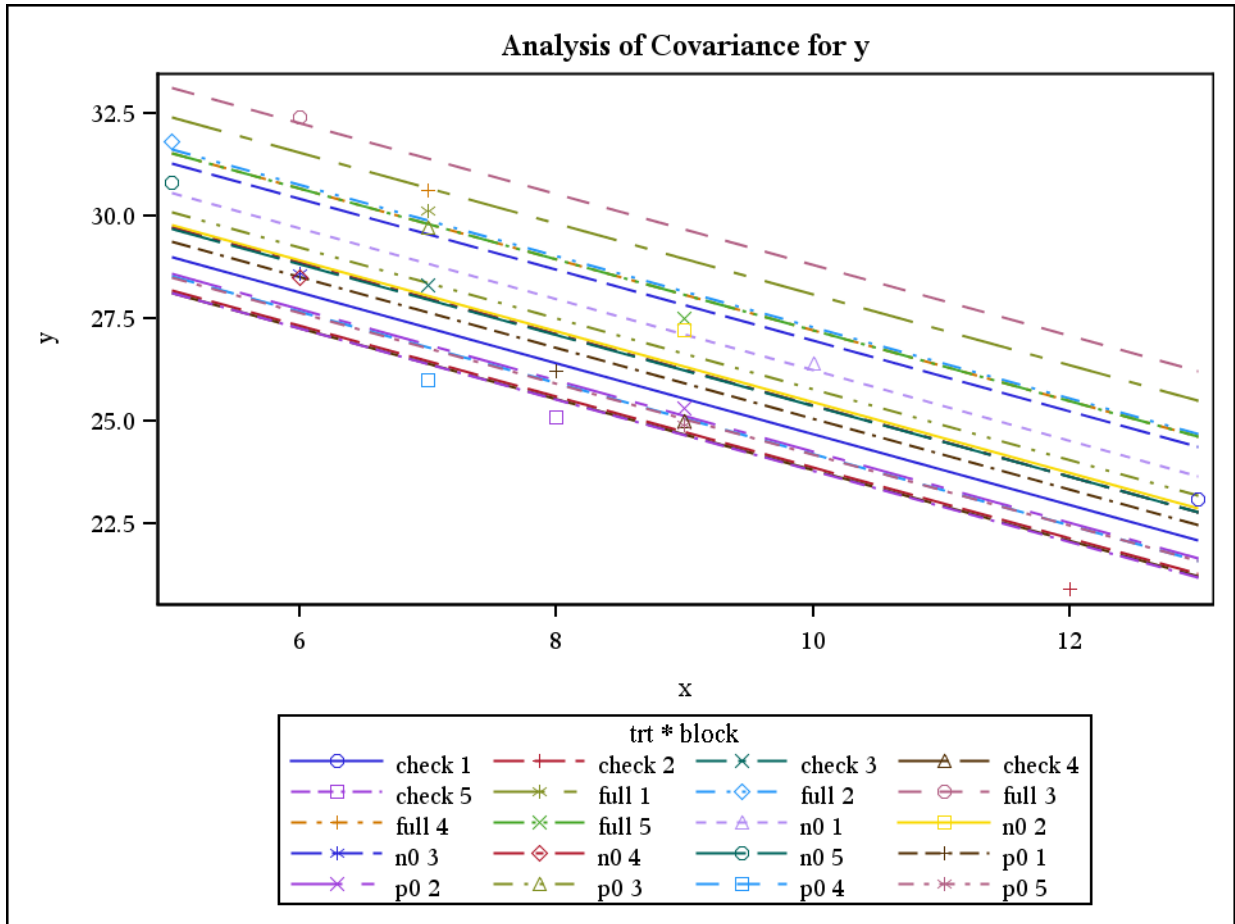
Source	DF	Type I SS	Mean Square	F Value	Pr > F
x	1	123.1453608	123.1453608	107.70	<.0001
block	4	8.5097516	2.1274379	1.86	0.1877
trt	3	24.8596943	8.2865648	7.25	0.0059

Source	DF	Type III SS	Mean Square	F Value	Pr > F
x	1	26.58980672	26.58980672	23.26	0.0005
block	4	7.78619713	1.94654928	1.70	0.2192
trt	3	24.85969427	8.28656476	7.25	0.0059

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Dependent Variable: y

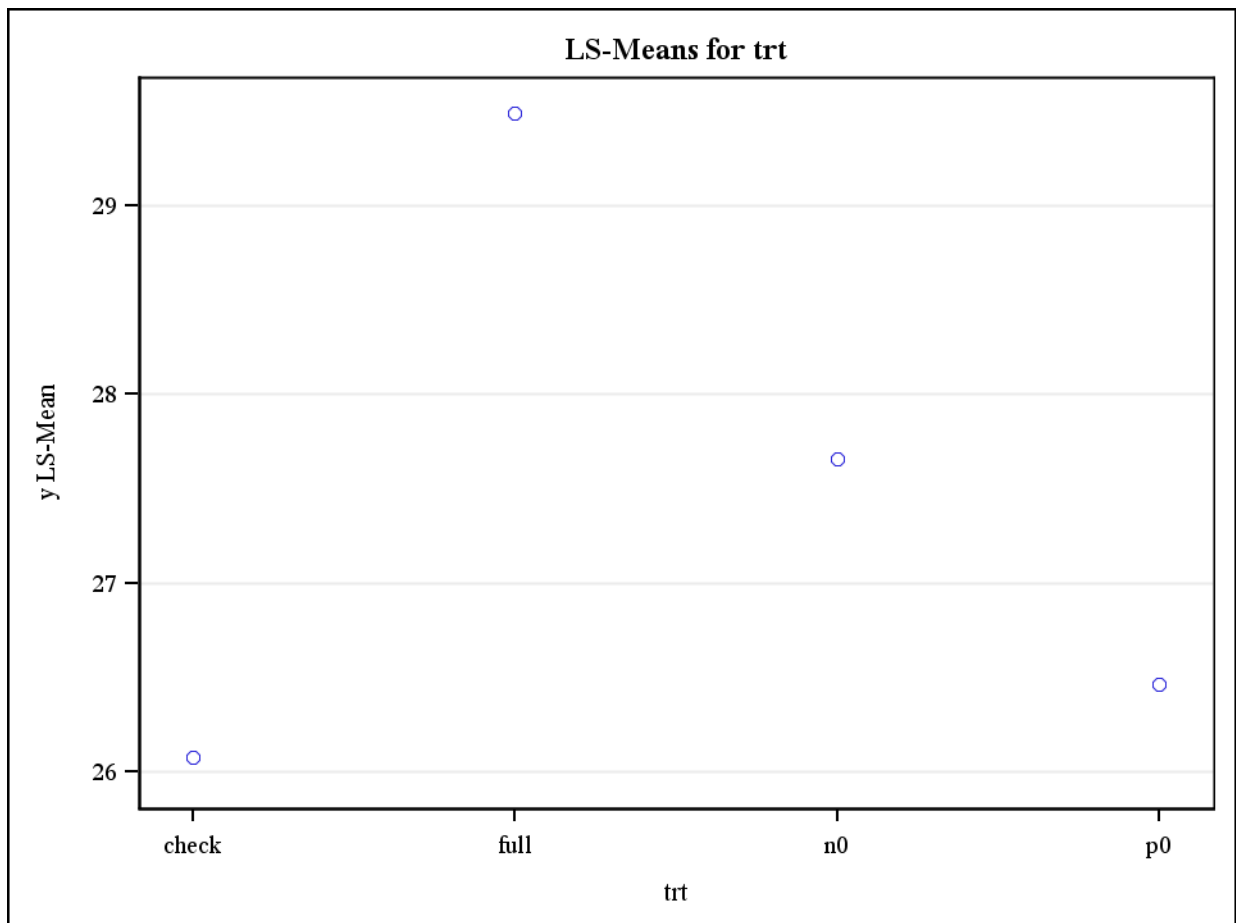


The SAS System

The GLM Procedure Least Squares Means

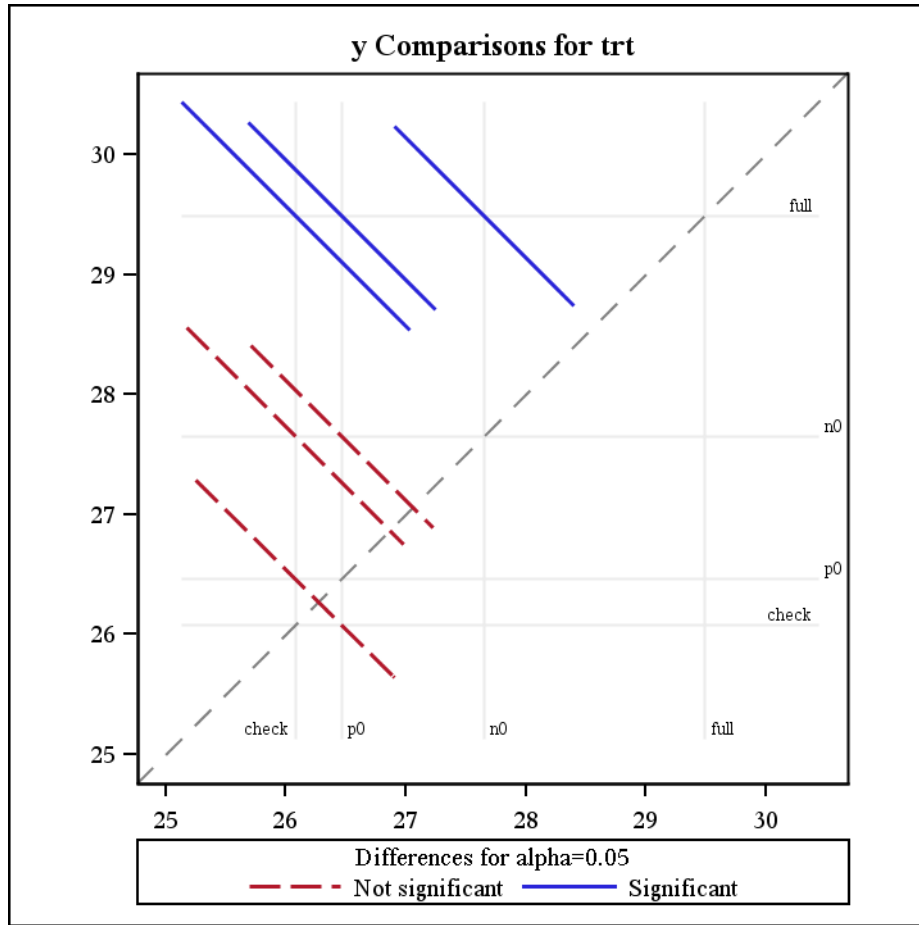
trt	y LSMEAN	Standard Error	Pr > t	LSMEAN Number
check	26.0765966	0.5816273	<.0001	1
full	29.4875210	0.5206079	<.0001	2
n0	27.6527311	0.4966807	<.0001	3
p0	26.4631513	0.4782848	<.0001	4

Least Squares Means for effect trt Pr > t for H0: LSMean(i)=LSMean(j)				
Dependent Variable: y				
i/j	1	2	3	4
1		0.0023	0.0811	0.6160
2	0.0023		0.0207	0.0013
3	0.0811	0.0207		0.1132
4	0.6160	0.0013	0.1132	



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The GLM Procedure Least Squares Means



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