

The GLM Procedure

Class Level Information		
Class	Levels	Values
Group	4	1 2 3 4

Number of observations	27
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The GLM Procedure

Dependent Variable: BWT BWT

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	11.67268915	3.89089638	4.41	0.0137
Error	23	20.30360714	0.88276553		
Corrected Total	26	31.97629630			

R-Square	Coeff Var	Root MSE	BWT Mean
0.365042	13.96148	0.939556	6.729630

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Group	3	11.67268915	3.89089638	4.41	0.0137

Parameter	Estimate	Standard Error	t Value	Pr > t
Nonsmokers versus smokers	1.37764286	0.38428383	3.58	0.0016

The GLM Procedure
Least Squares Means

Group	BWT LSMEAN	LSMEAN Number
1	7.58571429	1
2	7.24000000	2
3	6.32857143	3
4	6.01250000	4

Least Squares Means for effect Group Pr > t for H0: LSMean(i)=LSMean(j)				
Dependent Variable: BWT				
i/j	1	2	3	4
1		0.5359	0.0199	0.0037
2	0.5359		0.1112	0.0314
3	0.0199	0.1112		0.5221
4	0.0037	0.0314	0.5221	

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

The GLM Procedure
Least Squares Means
Adjustment for Multiple Comparisons: Bonferroni

Group	BWT LSMEAN	LSMEAN Number
1	7.58571429	1
2	7.24000000	2
3	6.32857143	3
4	6.01250000	4

Least Squares Means for effect Group Pr > t for H0: LSMean(i)=LSMean(j)				
Dependent Variable: BWT				
i/j	1	2	3	4
1		1.0000	0.1191	0.0219
2	1.0000		0.6670	0.1885
3	0.1191	0.6670		1.0000
4	0.0219	0.1885	1.0000	

The GLM Procedure

Class Level Information		
Class	Levels	Values
Area	3	1 2 3
Sex	2	1 2

Number of observations	124
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The GLM Procedure

Dependent Variable: Iqf Iqf

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	933.82501	186.76500	0.90	0.4860
Error	118	24585.36854	208.35058		
Corrected Total	123	25519.19355			

R-Square	Coeff Var	Root MSE	Iqf Mean
0.036593	15.84788	14.43435	91.08065

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Area	2	526.5652091	263.2826045	1.26	0.2864
Sex	1	12.6169981	12.6169981	0.06	0.8060
Area*Sex	2	550.3274590	275.1637295	1.32	0.2709