

Class Level Information		
Class	Levels	Values
Sex	2	Female Male
Chol_Status	3	Borderline Desirable High

Number of Observations Read	5209
Number of Observations Used	5051

**Dependent Variable: Weight**

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
<b>Model</b>	5	905101.176	181020.235	275.54	<.0001
<b>Error</b>	5045	3314360.848	656.960		
<b>Corrected Total</b>	5050	4219462.024			

R-Square	Coeff Var	Root MSE	Weight Mean
0.214506	16.74489	25.63122	153.0689

Source	DF	Type I SS	Mean Square	F Value	Pr > F
<b>Sex</b>	1	868024.1263	868024.1263	1321.27	<.0001
<b>Chol_Status</b>	2	36269.4170	18134.7085	27.60	<.0001
<b>Sex*Chol_Status</b>	2	807.6324	403.8162	0.61	0.5409

Source	DF	Type III SS	Mean Square	F Value	Pr > F
<b>Sex</b>	1	845072.8456	845072.8456	1286.34	<.0001
<b>Chol_Status</b>	2	35120.9760	17560.4880	26.73	<.0001
<b>Sex*Chol_Status</b>	2	807.6324	403.8162	0.61	0.5409

**Least Squares Means**  
**Adjustment for Multiple Comparisons: Tukey-Kramer**

Sex	Weight LSMEAN	H0:LSMean1=LSMean2
		Pr >  t
Female	140.905421	<.0001
Male	167.155864	

Sex	Weight LSMEAN	95% Confidence Limits	
Female	140.905421	139.946138	141.864705
Male	167.155864	166.088806	168.222923

Least Squares Means for Effect Sex				
i	j	Difference Between Means	Simultaneous 95% Confidence Limits for LSMean(i)-LSMean(j)	
1	2	-26.250443	-27.685309	-24.815577

### Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer

Chol_Status	Weight LSMEAN	LSMEAN Number
Borderline	154.742853	1
Desirable	150.324762	2
High	157.024313	3

Least Squares Means for effect Chol_Status Pr >  t  for H0: LSMean(i)=LSMean(j) Dependent Variable: Weight			
i/j	1	2	3
1		<.0001	0.0204
2	<.0001		<.0001
3	0.0204	<.0001	

Chol_Status	Weight LSMEAN	95% Confidence Limits	
Borderline	154.742853	153.577181	155.908525
Desirable	150.324762	148.968989	151.680536
High	157.024313	155.826200	158.222426

Least Squares Means for Effect Chol_Status				
i	j	Difference Between Means	Simultaneous 95% Confidence Limits for LSMean(i)-LSMean(j)	
1	2	4.418091	2.279913	6.556268
1	3	-2.281460	-4.280458	-0.282462
2	3	-6.699551	-8.863220	-4.535881