

The GLM Procedure

Class Level Information		
Class	Levels	Values
Gender	2	Female Male
BMI_Category	4	Normal Normal weight Obese Overweight

Number of Observations Read	374
Number of Observations Used	374

The GLM Procedure

Dependent Variable: Sleep_Duration

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	12	208.0985724	17.3415477	223.29	<.0001
Error	361	28.0364009	0.0776632		
Corrected Total	373	236.1349733			

R-Square	Coeff Var	Root MSE	Sleep_Duration Mean
0.881270	3.907428	0.278681	7.132086

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Age	1	28.0586300	28.0586300	361.29	<.0001
Gender	1	2.5852611	2.5852611	33.29	<.0001
Quality_of_Sleep	1	158.3267235	158.3267235	2038.63	<.0001
Physical_Activity_Le	1	0.3035262	0.3035262	3.91	0.0488
Stress_Level	1	2.6218863	2.6218863	33.76	<.0001
Systolic_BP	1	2.2602964	2.2602964	29.10	<.0001
Diastolic_BP	1	0.0274937	0.0274937	0.35	0.5522
Heart_Rate	1	3.6359792	3.6359792	46.82	<.0001
Daily_Steps	1	1.0591639	1.0591639	13.64	0.0003
BMI_Category	3	9.2196122	3.0732041	39.57	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Age	1	9.09762439	9.09762439	117.14	<.0001
Gender	1	9.39339785	9.39339785	120.95	<.0001
Quality_of_Sleep	1	0.13577747	0.13577747	1.75	0.1869
Physical_Activity_Le	1	0.92529664	0.92529664	11.91	0.0006
Stress_Level	1	4.47537657	4.47537657	57.63	<.0001
Systolic_BP	1	7.05724449	7.05724449	90.87	<.0001
Diastolic_BP	1	6.03565959	6.03565959	77.72	<.0001
Heart_Rate	1	0.83037210	0.83037210	10.69	0.0012
Daily_Steps	1	2.69895618	2.69895618	34.75	<.0001
BMI_Category	3	9.21961221	3.07320407	39.57	<.0001