

Table 4.11 Analysis of Smoking and Age of Onset of Diabetes via Unweighted Effects Coding**Model Summary**

Model	<i>R</i>	<i>R</i> ²	Adjusted <i>R</i> ²	<i>SE</i> of the Estimate
1	0.216 ^a	0.047	0.046	13.558

^aPredictors: (Constant), EFF3, EFF1, EFF2.**ANOVA^a**

Model	Sum of Squares	<i>df</i>	Mean Square	<i>F</i>	<i>p</i>
1 Regression	22,082.041	3	7,360.680	40.044	.000 ^b
Residual	450,166.842	2,449	183.817		
Total	472,248.882	2,452			

^aDependent variable : DIBAGE^bPredictors: (constant), EFF3, EFF1, EFF2.**Coefficients^a**

Model	Unstandardized Coefficients		Standardized Coefficients	<i>t</i>	<i>p</i>	95% CI for <i>B</i>	
	<i>B</i>	<i>SE</i>	Beta			Lower Bound	Upper Bound
1 (Constant)	49.261	0.427		115.300	.000	48.423	50.099
EFF1	5.256	0.543	0.339	9.679	.000	4.191	6.321
EFF2	-2.348	1.087	-0.096	-2.160	.031	-4.480	-0.217
EFF3	-3.238	0.675	-0.166	-4.798	.000	-4.561	-1.914

^aDependent variable : DIBAGE

DATA SOURCE: National Health Interview Survey of 2010 (NHIS2010) from the National Center for Health Statistics (http://www.cdc.gov/nchs/nhis/nhis_2010_data_release.htm).