

Table 4.7 Analysis of Smoking Status and Age of Diabetes Onset via ANOVA

Dependent variable: DIBAGE

| SMOKE | Mean | SD | N |
|-------|-------|--------|------|
| .00 | 49.59 | 14.140 | 1206 |
| 1.00 | 54.52 | 13.188 | 818 |
| 2.00 | 46.91 | 12.385 | 92 |
| 3.00 | 46.02 | 12.581 | 337 |
| Total | 50.64 | 13.878 | 2453 |

Tests of Between-Subjects Effects

Dependent variable: DIBAGE

| Source | Type III Sum of Squares | df | Mean Square | F | p | Partial Eta Squared |
|-----------------|-------------------------|-------|---------------|------------|------|---------------------|
| Corrected model | 22082.041 ^a | 3 | 7,360.680 | 40.044 | .000 | .047 |
| Intercept | 2443686.730 | 1 | 2,443,686.730 | 13,294.157 | .000 | .844 |
| SMOKE | 22082.041 | 3 | 7,360.680 | 40.044 | .000 | .047 |
| Error | 450166.842 | 2,449 | 183.817 | | | |
| Total | 6763564.000 | 2,453 | | | | |
| Corrected total | 472248.882 | 2,452 | | | | |

^a $R^2 = 0.047$ (adjusted $R^2 = 0.046$).

Contrast Results (K Matrix)

| SMOKE Simple Contrast ^a | | | Dependent Variable |
|------------------------------------|--------------------------------------|-------------|--------------------|
| | | | DIBAGE |
| Level 2 versus Level 1 | Contrast estimate | | 4.926 |
| | Hypothesized value | | 0 |
| | Difference (estimate – hypothesized) | | 4.926 |
| | SE | | 0.614 |
| | p | | .000 |
| | 95% CI for difference | Lower bound | 3.722 |
| | | Upper bound | 6.130 |
| Level 3 versus Level 1 | Contrast estimate | | –2.678 |
| | Hypothesized value | | 0 |
| | Difference (estimate – hypothesized) | | –2.678 |
| | SE | | 1.466 |
| | p | | .068 |
| | 95% CI for difference | Lower bound | –5.554 |
| | | Upper bound | .197 |
| Level 4 versus Level 1 | Contrast estimate | | –3.567 |
| | Hypothesized value | | 0 |
| | Difference (estimate – hypothesized) | | –3.567 |
| | SE | | 0.835 |
| | p | | .000 |
| | 95% CI for difference | Lower bound | –5.206 |
| | | Upper bound | –1.929 |

^aReference category = 1.