

Table 5.9b Hosmer and Lemeshow Test for Goodness of Fit From GRADUATE and zACH Analysis After Data Cleaning

Hosmer and Lemeshow Test

| Step | Chi-Square | df | p |
|------|------------|----|------|
| 1 | 79.152 | 8 | .000 |

Contingency Table for Hosmer and Lemeshow Test

| | | GRADUATE = .00 | | GRADUATE = 1.00 | | Total |
|--------|----|----------------|----------|-----------------|-----------|-------|
| | | Observed | Expected | Observed | Expected | |
| Step 1 | 1 | 488 | 520.711 | 1,158 | 1,125.289 | 1,646 |
| | 2 | 299 | 319.164 | 1,344 | 1,323.836 | 1,643 |
| | 3 | 238 | 203.681 | 1,408 | 1,442.319 | 1,646 |
| | 4 | 138 | 126.704 | 1,511 | 1,522.296 | 1,649 |
| | 5 | 118 | 75.124 | 1,530 | 1,572.876 | 1,648 |
| | 6 | 47 | 42.312 | 1,598 | 1,602.688 | 1,645 |
| | 7 | 0 | 22.294 | 1,646 | 1,623.706 | 1,646 |
| | 8 | 0 | 11.143 | 1,645 | 1,633.857 | 1,645 |
| | 9 | 0 | 5.041 | 1,647 | 1,641.959 | 1,647 |
| | 10 | 0 | 1.825 | 1,646 | 1,644.175 | 1,646 |