Table 3. Logistic Regression Predicting Likelihood of a Student Reporting a Percutaneous Injury Occurring During a Clinical Practicum Experience

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Log likelihood | | **=** | -27.72 | |
|  |  | Number of obs | | **=** | 210 | |
|  |  | LR X24 | | **=** | 87.3 | |
|  |  | Prob > X2 | | **=** | 0.00 | |
|  |  | Pseudo R2 | | **=** | 0.6618 | |
|  | | | | | | |
|  | **Odds Ratio** | **Std. Error** | **z** | **P > |z|** | **95% CI** | |
| Know How to Report NSI | 11.51 | 11.94 | 2.36 | 0.02 | 1.5 | 87.9 |
| Reporting NSI Won't Affect Grade | 9.88 | 4.84 | 4.68 | 0.00 | 3.8 | 25.8 |
| Confident that Faculty Can Advocate in the Event of a NSI | 8.45 | 7.62 | 2.37 | 0.02 | 1.5 | 49.4 |
| Student Wearing Correct PPE at the Time of NSI | 128.60 | 134.48 | 4.64 | 0.00 | 16.6 | 998.6 |
|  | | | | | | |
| Dependent Variable = Percutaneous injury reported to faculty or supervising registered nurse.  LR X24 reports the Likelihood Ratio Chi Square test with five degrees of freedom; Prob > X2 reports the probability of obtaining the chi square statistic given that the null hypothesis (no difference) is true. A value less than 0.05 (as in this case) denotes statistical significance; z denotes z-value or z-score; CI denotes Confidence Interval. | | | | | | |