Table 1: Multivariate logistic regression models of factors associated with optimal ART adherence (N=121)

|  |  |
| --- | --- |
| **Variables** | **Optimal ART Adherence** b |
| **aOR** c | **95% CI** d | ***p*** |
| Ethnicity |  |  |  |
|  | Non-White | - | - | - |
|  | White | 0.577 | 0.164, 2.028 | 0.391 |
| High school graduate |  |  |  |
|  | No | - | - | - |
|  | Yes | 0.635 | 0.202, 1.992 | 0.436 |
| HIV diagnosis duration (Years) | 1.064 | 0.998, 1.134 | 0.058 |
| Virally suppressed a |  |  |  |
|  | No | - | - | - |
|  | Yes | 6.469 | 1.105, 37.877 | 0.038 |
| Motivation: HIV risk reduction | 0.984 | 0.848, 1.143 | 0.837 |
| Motivation to adhere to ART  | 1.171 | 1.035, 1.325 | 0.012 |
| Anticipated HIV-related stigma | 0.384 | 0.177, 0.832 | 0.015 |
| Active drug injection (past 30 days) |  |  |  |
|  | No | - | - | - |
|  | Yes | 0.265 | 0.001, 13.772 | 0.679 |
| Motivation to adhere to ART \* drug injection | 1.021 | 1.001, 1.139 | 0.048 |
| *R2* = 0.446 |
| Hosmer and Lemeshow Test: Chi-square = 8.764; *p* = 0.363 |

Note:

a Virally suppressed: Viral load < 200 copies/mL; b Optimal ART adherence: Adherence ≥ 95%; c aOR: Adjusted odds ratio; d CI: Confidence interval