| Dependent: Smoked shisha in the past 30 days |  | No | Yes | OR (univariable) | OR (multivariable) |
| --- | --- | --- | --- | --- | --- |
| Age category | <= 23 years | 455 (74.0) | 160 (26.0) | - | - |
|  | >23 years | 252 (72.4) | 96 (27.6) | 1.08 (0.80-1.45, p=0.596) | - |
| Gender | Female | 414 (81.3) | 95 (18.7) | - | - |
|  | Male | 328 (66.4) | 166 (33.6) | 2.21 (1.65-2.96, p<0.001) | 1.55 (1.09-2.20, p=0.014) |
| Marital status | married | 54 (87.1) | 8 (12.9) | - | - |
|  | single | 683 (73.0) | 252 (27.0) | 2.49 (1.24-5.73, p=0.018) | 1.08 (0.46-2.76, p=0.867) |
| Religion | muslim | 28 (90.3) | 3 (9.7) | - | - |
|  | christian | 706 (73.2) | 259 (26.8) | 3.42 (1.20-14.40, p=0.044) | 1.36 (0.40-6.30, p=0.656) |
| Current level of studies | first year | 200 (71.7) | 79 (28.3) | - | - |
|  | second year | 175 (73.5) | 63 (26.5) | 0.91 (0.62-1.34, p=0.640) | - |
|  | third year | 232 (74.1) | 81 (25.9) | 0.88 (0.61-1.27, p=0.505) | - |
|  | fourth year | 87 (75.0) | 29 (25.0) | 0.84 (0.51-1.37, p=0.501) | - |
|  | post graduate | 35 (81.4) | 8 (18.6) | 0.58 (0.24-1.24, p=0.186) | - |
| Monthly allowance | <30000 fcfa | 208 (78.5) | 57 (21.5) | - | - |
|  | =30000 fcfa | 205 (59.1) | 142 (40.9) | 2.53 (1.77-3.65, p<0.001) | - |
| Adress | living with family | 189 (83.3) | 38 (16.7) | - | - |
|  | living in a hostel | 505 (69.8) | 218 (30.2) | 2.15 (1.48-3.19, p<0.001) | 2.01 (1.31-3.15, p=0.002) |
| Smokes cigarette | No | 729 (76.5) | 224 (23.5) | - | - |
|  | Yes | 17 (30.9) | 38 (69.1) | 7.27 (4.09-13.45, p<0.001) | 3.26 (1.55-7.03, p=0.002) |
| Use of other tobaco products | No | 730 (76.4) | 225 (23.6) | - | - |
|  | Yes | 16 (30.2) | 37 (69.8) | 7.50 (4.17-14.10, p<0.001) | 2.27 (1.08-4.92, p=0.033) |
| Do you drink alcohol | No | 326 (88.8) | 41 (11.2) | - | - |
|  | Yes | 420 (65.5) | 221 (34.5) | 4.18 (2.94-6.09, p<0.001) | 1.86 (1.22-2.87, p=0.004) |
| Do any of your friends smoke shisha | No | 291 (95.4) | 14 (4.6) | - | - |
|  | Yes | 453 (64.6) | 248 (35.4) | 11.38 (6.75-20.79, p<0.001) | 5.59 (3.14-10.67, p<0.001) |
| Does any of your parents smoke shisha | No | 713 (74.8) | 240 (25.2) | - | - |
|  | Yes | 30 (57.7) | 22 (42.3) | 2.18 (1.22-3.83, p=0.007) | 1.63 (0.75-3.51, p=0.207) |
| Does any of your sibling smoke shisha | No | 566 (83.4) | 113 (16.6) | - | - |
|  | Yes | 177 (54.5) | 148 (45.5) | 4.19 (3.12-5.65, p<0.001) | 2.52 (1.79-3.55, p<0.001) |
| Knowledge score categories | good knowledge | 482 (80.9) | 114 (19.1) | - | - |
|  | poor knowledge | 153 (65.4) | 81 (34.6) | 2.24 (1.59-3.14, p<0.001) | 2.60 (1.73-3.92, p<0.001) |
|  | moderate knowledge | 110 (62.1) | 67 (37.9) | 2.58 (1.78-3.71, p<0.001) | 1.99 (1.28-3.06, p=0.002) |