\*\*Table S1\*\*. Characteristics of women surveyed by level of knowledge

|  | | **Knowledge of cervical cancer** | | |  | |
| --- | --- | --- | --- | --- | --- | --- |
| **Group** | **Characteristic** | **Low/No knowledge**, (n = 66) | **Medium**, (n = 67) | **High**, (n = 85) | **p-value**1 | **Adjusted p-value**2 |
| Demographics | Age (years), Median (Q1, Q3) | 45.5 (31.0, 57.0) | 48.0 (32.0, 53.0) | 48.0 (44.0, 53.0) | 0.42 | >0.99 |
|  | Age (years), n (%) |  |  |  | **0.002** | 0.008 |
|  | < 38 | 24 (36.4%) | 19 (28.4%) | 9 (10.6%) |  |  |
|  | 38-50 | 17 (25.8%) | 22 (32.8%) | 42 (49.4%) |  |  |
|  | > 50 | 25 (37.9%) | 26 (38.8%) | 34 (40.0%) |  |  |
|  | Origin, n (%) |  |  |  | 0.89 | >0.99 |
|  | Urban | 32 (48.5%) | 35 (52.2%) | 44 (51.8%) |  |  |
|  | Rural | 34 (51.5%) | 32 (47.8%) | 41 (48.2%) |  |  |
|  | Ethnicity, n (%) |  |  |  | **0.006** | 0.024 |
|  | Mestizo | 46 (69.7%) | 55 (82.1%) | 62 (72.9%) |  |  |
|  | White | 9 (13.6%) | 10 (14.9%) | 21 (24.7%) |  |  |
|  | Other | 11 (16.7%) | 2 (3.0%) | 2 (2.4%) |  |  |
|  | Religion, n (%) |  |  |  | 0.47 | >0.99 |
|  | None | 1 (1.5%) | 4 (6.0%) | 1 (1.2%) |  |  |
|  | Catholic | 56 (84.8%) | 52 (77.6%) | 72 (84.7%) |  |  |
|  | Evangelical | 9 (13.6%) | 11 (16.4%) | 12 (14.1%) |  |  |
|  | Education level, n (%) |  |  |  | **<0.001** | <0.001 |
|  | Primary or Secundary | 37 (56.1%) | 13 (19.4%) | 8 (9.4%) |  |  |
|  | Higher than Secondary | 29 (43.9%) | 54 (80.6%) | 77 (90.6%) |  |  |
|  | Marital status, n (%) |  |  |  | **<0.001** | 0.004 |
|  | Married | 16 (24.2%) | 32 (47.8%) | 46 (54.1%) |  |  |
|  | Cohabiting | 21 (31.8%) | 17 (25.4%) | 30 (35.3%) |  |  |
|  | Single | 24 (36.4%) | 17 (25.4%) | 8 (9.4%) |  |  |
|  | Widowed | 5 (7.6%) | 1 (1.5%) | 1 (1.2%) |  |  |
|  | Occupation, n (%) |  |  |  | **<0.001** | 0.004 |
|  | Student | 12 (18.2%) | 9 (13.4%) | 8 (9.4%) |  |  |
|  | Employed | 20 (30.3%) | 42 (62.7%) | 68 (80.0%) |  |  |
|  | Homemaker | 22 (33.3%) | 9 (13.4%) | 6 (7.1%) |  |  |
|  | Unemployed | 2 (3.0%) | 1 (1.5%) | 0 (0.0%) |  |  |
|  | Other | 10 (15.2%) | 6 (9.0%) | 3 (3.5%) |  |  |
|  | Partner's occupation, n (%) |  |  |  | **<0.001** | 0.004 |
|  | Student | 7 (10.6%) | 3 (4.5%) | 4 (4.7%) |  |  |
|  | Employed | 26 (39.4%) | 46 (68.7%) | 76 (89.4%) |  |  |
|  | Unemployed | 2 (3.0%) | 2 (3.0%) | 0 (0.0%) |  |  |
|  | Other | 31 (47.0%) | 16 (23.9%) | 5 (5.9%) |  |  |
|  | Family history, n (%) | 27 (40.9%) | 10 (14.9%) | 6 (7.1%) | **<0.001** | <0.001 |
| Reproductive and sexual | Age at first sexual intercourse, n (%) |  |  |  | **<0.001** | 0.002 |
|  | 18 or younger | 33 (50.0%) | 25 (37.3%) | 20 (23.5%) |  |  |
|  | 19-21 | 23 (34.8%) | 35 (52.2%) | 60 (70.6%) |  |  |
|  | 22 or older | 10 (15.2%) | 7 (10.4%) | 5 (5.9%) |  |  |
|  | Number of sexual partners, n (%) |  |  |  | **<0.001** | <0.001 |
|  | 0 or 1 | 18 (27.3%) | 13 (19.4%) | 6 (7.1%) |  |  |
|  | 2 | 23 (34.8%) | 32 (47.8%) | 51 (60.0%) |  |  |
|  | 3 | 12 (18.2%) | 11 (16.4%) | 27 (31.8%) |  |  |
|  | 4 or more | 13 (19.7%) | 11 (16.4%) | 1 (1.2%) |  |  |
|  | Number of children, n (%) |  |  |  | **0.002** | 0.002 |
|  | 0 | 14 (21.2%) | 11 (16.4%) | 5 (5.9%) |  |  |
|  | 1 | 10 (15.2%) | 11 (16.4%) | 22 (25.9%) |  |  |
|  | 2 | 12 (18.2%) | 29 (43.3%) | 29 (34.1%) |  |  |
|  | 3 or more | 30 (45.5%) | 16 (23.9%) | 29 (34.1%) |  |  |
|  | Contraceptive method, n (%) |  |  |  | **<0.001** | 0.002 |
|  | Not using | 29 (43.9%) | 21 (31.3%) | 15 (17.6%) |  |  |
|  | Oral contraceptives | 5 (7.6%) | 15 (22.4%) | 22 (25.9%) |  |  |
|  | Injection | 13 (19.7%) | 26 (38.8%) | 45 (52.9%) |  |  |
|  | IUD | 12 (18.2%) | 2 (3.0%) | 2 (2.4%) |  |  |
|  | Subdermal implant | 7 (10.6%) | 3 (4.5%) | 1 (1.2%) |  |  |
|  | History of STIs, n (%) | 11 (16.7%) | 4 (6.0%) | 0 (0.0%) | **<0.001** | 0.002 |
| 1Kruskal-Wallis rank sum test; Pearson's Chi-squared test; Fisher's Exact Test for Count Data with simulated p-value  (based on 2000 replicates) | | | | | | |
| 2Holm correction for multiple testing | | | | | | |