Supplementary material

Supplementary Table 1. Comparison of socio-demographic and health characteristics of women and behavioral characteristics of cancer screening tests.

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| Variables | Cervical cancer screenings | Breast cancer screenings | Colorectal cancer screenings(50–69 age n = 108) |
| Pap smear(n = 301) | BSE(n = 301) | CBE(n = 301) | Mammography(40–69 age n = 184) | FBOT | Colonoscopy |
| Regularly% (n) | No-never% (n) | Regularly-often% (n) | No-never% (n) | Regularly% (n) | No-never% (n) | Regularly% (n) | No-never% (n) | Once-regularly% (n) | Never% (n) | Once-regularly% (n) | Never% (n) |
| Economic Status |
|  | Income less than expenditure | 16.4 (10) | 83.6 (51) | 73.8 (45) | 26.2 (16) | 68.9 (42) | 31.1 (19) | 29.4 (10) | 70.6 (24) | 76.2 (16) | 23.8 (5) | 76.2 (16) | 23.8 (5) |
| Income equals expenditure | 18.3 (32) | 81.7 (143) | 74.9 (131) | 25.1 (44) | 68.6 (120) | 31.4 (55) | 17.5 (20) | 82.5 (94) | 64.5 (40) | 35.5 (22) | 82.3 (51) | 17.7 (11) |
| Income more than expenditure | 36.9 (24) | 63.1 (41) | 75.6 (51) | 26.4 (14) | 64.6 (42) | 35.4 (23) | 22.3 (11) | 77.7 (25) | 84.0 (21) | 16.0 (4) | 92.0 (23) | 8.0 (2) |
| test, *p* | χ2: 10.985; *p*: 0.004 | χ2: 0.444; *p*: 0.538 | χ2: 0.380; *p*: 0.827 | χ2: 3.899; *p*: 0.142 | χ2: 3.610; *p*: 0.164 | χ2: 2.175; *p*: 0.337 |
| Employment Status |
|  | Employed | 28.6 (44) | 71.4 (110) | 74.1 (109) | 36.1 (38) | 68.8 (106) | 31.2 (48) | 29.8 (28) | 70.2 (66) | 69.6 (48) | 30.4 (21) | 78.3 (54) | 21.7 (15) |
| Unemployed | 15.0 (22) | 85.0 (125) | 76.6 (118) | 37.9 (36) | 66.7 (98) | 33.3 (49) | 14.4 (13) | 85.6 (77) | 74.4 (29) | 25.6 (10) | 92.3 (36) | 7.7 (3) |
| test, *p* | χ2: 8.132; *p*: 0.004 | χ2: 0.248; *p*: 0.358 | χ2: 0.161; *p*: 0.688 | χ2: 6.250; *p*: 0.010 | χ2: 0.280; *p*: 0.383 | χ2: 3.510; *p*: 0.049 |
| Social security |
|  | Present | 23.8 (64) | 76.2 (205) | 74.7 (201) | 25.3 (68) | 66.5 (179) | 33.5 (90) | 24.0 (41) | 76.0 (130) | 70.3 (71) | 29.7 (30) | 83.2 (84) | 16.8 (17) |
| Absent | 6.3 (2) | 93.8 (30) | 81.3 (26) | 18.8 (6) | 78.1 (25) | 21.9 (7) | 0.0 (0) | 100.0 (13) | 85.7 (6) | 14.3 (1) | 85.7 (6) | 14.3 (1) |
| test, *p* | χ2: 5.141; *p*: 0.023 | χ2: 0.657; *p*: 0.283 | χ2: 1.757; *p*: 0.185 | χ2: 4.011; *p*: 0.033 | χ2: 0.760; *p*: 0.350 | χ2: 0.031; *p*: 0.670 |
| Chronic diseases |
|  | Present | 29.2 (31) | 70.8 (75) | 79.9 (84) | 26.1 (22) | 66.0 (70) | 34.0 (36) | 26.9 (18) | 73.1 (49) | 70.7 (29) | 29.3 (12) | 78.0 (32) | 22.0 (9) |
| Absent | 17.9 (35) | 82.1 (160) | 73.3 (143) | 26.7 (52) | 68.7 (134) | 31.3 (61) | 19.7 (23) | 80.3 (94) | 71.6 (48) | 28.4 (19) | 86.6 (58) | 13.4 (9) |
| test, *p* | χ2: 5.119; *p*: 0.024 | χ2: 1.295; *p*: 0.155 | χ2: 0.226; *p*: 0.635 | χ2: 1.276; *p*: 0.172 | χ2: 0.010; *p*: 0.544 | χ2: 1.329; *p*: 0.187 |
| Regular Physical activity |
|  | Sometimes-never | 17.4 (26) | 82.6 (123) | 73.4 (182) | 26.6 (66) | 73.2 (109) | 26.8 (40) | 18.0 (27) | 82.0 (123) | 75.9 (66) | 24.1 (21) | 83.9 (73) | 16.1 (14) |
| Always | 26.3 (40) | 73.7 (112) | 84.9 (45) | 15.1 (8) | 62.5 (95) | 37.5 (57) | 41.2 (14) | 58.8 (20) | 52.4 (11) | 47.6 (10) | 81.0 (17) | 19.0 (4) |
| test, *p* | χ2: 3.455; *p*: 0.063 | χ2: 3.125; *p*: 0.046 | χ2: 3.911; *p*: 0.048 | χ2: 8.597; *p*: 0.005 | χ2: 4.558; *p*: 0.034 | χ2: 0.106; *p*: 0.482 |
| Family history of cancer |
|  | Yes  | 27.0 (37) | 73.0 (100) | 75.2 (103) | 24.8 (34) | 60.6 (83) | 39.4 (54) | 27.0 (24) | 73.0 (65) | 69.1 (38) | 30.9 (17) | 87.3 (48) | 12.7 (7) |
| No | 17.7 (29) | 82.3 (135) | 75.6 (124) | 24.4 (34) | 73.8 (121) | 26.2 (43) | 17.9 (17) | 82.1 (78) | 73.6 (39) | 26.4 (14) | 79.2 (42) | 20.8 (11) |
| test, *p* | χ2: 3.791; *p*: 0.052 | χ2: 0.007; *p*: 0.519 | χ2: 5.952; *p*: 0.015 | χ2: 2.184; *p*: 0.047 | χ2: 0.266; *p*: 0.381 | χ2: 1.252; *p*: 0.195 |

BSE: Breast self-examination; CBE: Clinical breast examination; FBOT: Fecal Occult Blood Test.