Table 1- Distribution of socio-demographic characteristics and smoking status for the total sample by City of residence

| X2 | p | Non-ultra-Orthodox City  N (%) | Ultra-Orthodox City  N (%) |  | Variable |
| --- | --- | --- | --- | --- | --- |
|  |  | 18,691  (62.0%) | 11,479  (38.0 %) |  | **Total** |
| 30269 | <.001 | |  | | --- | | 8484 | | 45.40)) | | |  | | --- | | 5772 | | (50.30) | | Men | **Sex/Gender** |
|  |  | |  | | --- | | 10207 | | (54.60) | | |  | | --- | | 5707 | | (49.70) | | women |  |
| 190.449 | <.001 | 3,018  (16.1) | 1,927  (16.8) | 50-54 | **Age** |
|  |  | 3,420  (18.3) | 2,140  (18.6) | 55-59 |  |
|  |  | 3,135  (16.8) | 2,118  (18.5) | 60-64 |  |
|  |  | 2,925  (15.6) | 2,244  (19.5) | 65-69 |  |
|  |  | 2,112  (11.3) | 1,163  (10.1) | 70-74 |  |
|  |  | 4,081  (21.8) | 1,887  (16.4%) | 75 or above |  |
| 24777.50 | <.001 | 0  (0.0%) | 4456  (38.8%) | 1-3 low | **Socioeconomic status** |
|  |  | 4003  (21.4%) | 7023  (61.2) | 4-6 medium |  |
|  |  | 14688  (78.6%) | 0  (0.0%) | 7-10 high |  |
| 60304 | <.001 | 18691  (100.0) | 0  (0.0%) | without | **Ultra-Orthodox homogeneity per place of residence** |
|  |  | 0  (0.0) | 526  (4.6) | medium |  |
|  |  | 0  (0.0) | 1146  (10.0) | high |  |
|  |  | 0  (0.0) | 9807  (85.4) | Very high |  |
| 752.07 | <.001 | 4,485  (25.2%) | 1,241  (11.7%) |  | **smoking** |

|  |  |  |  |
| --- | --- | --- | --- |
| Table 2- Distribution of smoking status by socio-demographic characteristics among total population and among each of The residents of the cities, the ultra-Orthodox city and the non-ultra-Orthodox city | | | |
|  | **Total**  **N=30,170** | **Ultra-Orthodox City**  **N =11,479** | **Non-Ultra-Orthodox city**  **N =18,691** |
| **מעשן**  **N (%)** | **מעשן**  **N (%)** | **מעשן**  **N (%)** |
| **Total** | **5726**  **(20.2%)** | 1,241  (11.7%) | 4,485  (25.2%) |
| **Gender** | **P=<0.001** | **P=<0.001** | **P=<0.001** |
| Male | 3118  (23.6%) | 910  (17.5%) | 2208  (27.5%) |
| Female | 2608  (17.2%) | 331  (6.1%) | 2277  (23.3%) |
| **Age** | **P=<0.001** | **P=<0.001** | **P=<0.001** |
| 50-54 | **1,086**  **(24.1%)** | 227  (13.4%) | 859  (30.6%) |
| 55-59 | 1,334  (25.8%) | 266  (13.6%) | 1,068  (33.3%) |
| 60-64 | 1,125  (22.9%) | 249  (12.8%) | 876  (29.5%) |
| 65-69 | 991  (20.1%) | 238  (11.3%) | 753  (26.6%) |
| 70-74 | 566  (17.8%) | 120  (10.8%) | 446  (21.7%) |
| 75 and more | 624  (11.0%) | 141  7.9%)) | 483  (12.4%) |
| **Socio economic statues** | **P=<0.001** | **P=<0.001** | **P=<0.001** |
| 1-3 low | 349  (8.3%) | 349  (8.3%) |  |
| 4-6 medium | 1983  (19.5%) | 892  (14.0%) | 1091  (28.7%) |
| 7-10 high | 3394  (24.3%) |  | 3394  (24.3%) |

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| --- | --- | --- |
| Table 3- Multivariable logistic regressions for the association between socio-demographic characteristics and smoking status for each city separately:  Among the residents of the ultra-Orthodox city, model 1) N=11,479)  Among the residents of the non-ultra-Orthodox city, model 2) N =18,691) | | |
| Model 2  non-ultra-Orthodox city | **Model 1**  ultra-Orthodox city |  |
| OR\* (95%CI) | **OR\* (95%CI)** |  |
|  |  | **Socio economic statues** |
|  | 0.53  (0.46-0.60) | 1-3 (low) |
| 1.26  (1.16-1.36) | 1.00 | 4-6 (medium) |
| 1.00 |  | 7-10 (high) |
|  |  | **Gender** |
| 1.24  (1.16-1.33) | 3.24  (2.84-3.70) | Male |
| 1.00 | 1.00 | Female |
| OR\*- age adjusted odds ratio | | |

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| Table 4- Multivariable logistic regressions for the association between  Residing in an ultra-Orthodox or non-ultra-Orthodox city  and smoking status among total population  N=30,170 | | | |
| Model 6  OR\* (95%CI) | **Model 5**  **OR\* (95%CI)** | **Model 4**  **OR\* (95%CI)** |  |
|  |  |  | **City of residence** |
| 1.00 | 1.00 | 1.00 | ultra-Orthodox city |
| 2.63  (2.38-2.91) | 2.73  (2.55-2.93) | 2.67  (2.50-2.90) | non-ultra-Orthodox city |
|  |  |  | **Gender** |
| 1.55  (1.46-1.64) | 1.54  (1.45-1.63) |  | Male |
| 1.00 | 1.00 |  | Female |
|  |  |  | **Socio economic statues** |
| 0.67  (0.58-0.79) |  |  | 1-3 (low) |
| 1.26  (1.16-1.47) |  |  | 4-6 (medium) |
| 1.00 |  |  | 7-10 (high) |
| OR\*- age adjusted odds ratio | | | |

|  |  |
| --- | --- |
| **Graph no. 1**  **Smoking rate distribution by socioeconomic status for both cities** | |
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