|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table # 1 Distribution of study variables by immigration N=** 218,187 | | | | | |
| **Percentage missing** | **P-Exact Sig 2-sided)** | **Non-immigrants**  **N=119,150** | **Immigrants**  **N=99,037** |  |  |
| 0.00% | P<0.001 | 46.9% | 52.3% |  | % Women |
| 0.00% | P<0.001 | 47.30  (4.20) | 47.40  (4.34) |  | Average age at the beginning of the follow-up period (s.d) |
| 0.04% | P<0.001 | 77.0% | 83.8% |  | % Married among the men |
| 0.02% | P<0.001 | 75.1% | 69.1% |  | % Married among the women |
| 15.1% | P<0.001 | 41.4% | 55.3% | **גבוה** | רמת השכלה |
|  | 48.8% | 29.2% | **בינונית** |
|  | 9.7% | 15.5% | **נמוכה** |
| 0.60% | P<0.001 | *42.9%* | *10.2%* | ***גבוה*** | Socio-economic status by area of residence |
|  | 38.8% | 37.9% | **בינונית** |
|  | 18.3% | 51.9% | **נמוכה** |
| 0.00% | P<0.001 | 41.9% | 21.0% | **גבוה** | Income |
|  | 25.7% | 57.7% | **בינונית** |
|  | 32.4% | 21.4% | **נמוכה** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Table 2 - Distribution of mortality rates by study variables  NAHR (Non Adjusted Hazard Ratio) and AHR( Adjusted Hazard Ratio  N =218,187 | | | | | | |
| Age and or Sex Adjusted Hazard Ratio (AHR) | | Non Adjusted Hazard Ratio  (NAHR) | | % Mortality |  |  |
| p | AHR  (99%CI) | p | NAHR  (99%CI) |  |  |  |
|  |  |  |  | 9.4% |  | Total |
|  | \*\*\*1.00 |  | 1.00 | 8.3% | non-immigrants | Immigration |
| P<0.001 | \*\*\*1.337  (1.290-1.386) | P<0.001 | 1.321  (1.275-1.370) | 10.7% | immigrants |
|  | 1.00\* |  | 1.00 | 7.6% | Female | Sex |
| P<0.001 | \*1.563  (1.506-1.621) | P<0.001 | 1.531  (1.476-1.589) | 11.2% | Male |
|  | \*\*\*1.00 |  | 1.00 | 8.9% | Married | Marital status |
| P<0.001 | \*\*\*1.337  (1.285-1.392) | P<0.001 | 1.309  (1.258-1.362) | 11.2% | Un married |
|  | \*\*\*1.00 |  | 1.00 | 7.1% | גבוה | רמת השכלה |
| P<0.001 | \*\*\*1.362  (1.303-1.424) | P<0.001 | 1.392  (1.332-1.455) | 10.0% | בינונית |
| P<0.001 | \*\*\*2.277  (2.162-2.397) | P<0.001 | 2.559  (2.431-2.694) | 17.6% | נמוכה |
|  | \*\*\*1.00 |  | 1.00 | 7.7% | גבוה | Socio-economic status by area of residence |
| P<0.001 | \*\*\*1.159  (1.105-1.216) | P<0.001 | 1.180  (1.125-1.238) | 9.1% | בינונית |
| P<0.001 | \*\*\*1.453  (1.386-1.524) | P<0.001 | 1.487  (1.419-1.559) | 11.3% | נמוכה |
|  | \*\*\*1.00 |  | 1.00 | 5.5% | גבוה | Income |
| P<0.001 | \*\*\*1.975  (1.878-2.077) | P<0.001 | 1.912  (1.820-2.010) | 10.1% | בינונית |
| P<0.001 | \*\*\*2.758  (2.618-2.904) | P<0.001 | 2.883  (2.741-3.033) | 13.3% | נמוכה |
| Age adjusted Hazard Ratio =\*  \*\*= Sex adjusted Hazard Ratio  \*\*\*= Age and Sex adjusted Hazard Ratio | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 3 - Kaplan Meier models for predicting mortality by social variables and their interactions among the total population in the study**  **N = 218,187** | | | | | | | |
| **Model 3** | | **Model 2** | | **Model 1** | |  | |
| **p** | **HR**  **(99%CI)** | **p** | **HR**  **(99%CI)** | **p** | **HR**  **(99%CI)** |  |  |
|  | 1.00 |  | 1.00 |  | 1.00 | **non-immigrants** | **immigration** |
| <0.001 | 0.660  0.535-0.815 | <0.001 | 0.529  0.469-0.597 | <0.001 | 1.297  1.248-1.348 | **immigrants** |  |
|  | 1.00 |  | 1.00 |  | 1.00 | **female** | **Sex** |
| <0.001 | 1.660  1.492-1.847 | <0.001 | 1.575  1.430-1.735 | <0.001 | 1.811  1.745-1.880 | **Male** |  |
| <0.001 | 1.081  1.077-1.086 | <0.001 | 1.081  1.076-1.085 | <0.001 | 1.087  1.082-1.091 |  | **Age** |
|  | 1.00 |  | 1.00 |  | 1.00 | **גבוה** | Income |
| <0.001 | 1.570  1.400-1.761 | <0.001 | 1.573  1.420-1.742 | <0.001 | 1.780  1.689-1.876 | **בינונית** |
| <0.001 | 2.039  1.824-2.279 | <0.001 | 1.863  1.683-2.061 | <0.001 | 2.651  2.513-2.796 | **נמוכה** |
|  | 1.00 |  | 1.00 |  | 1.00 | **married** | **Marital status** |
| <0.001 | 1.170  1.122-1.220 | <0.001 | 1.165  1.117-1.215 | <0.001 | 1.112  1.067-1.159 | **un-married** |
| 0.792 | 1.025  0.806-1.304 | <0.001 | 1.362  1.258-1.475 |  |  |  | **immigration X sex** |
|  | 1.00 |  | 1.00 |  |  | רמת הכנסה גבוה | **sex X income** |
| <0.001 | 1.271  1.103-1.465 | <0.001 | 1.241  1.104-1.396 |  |  | רמת הכנסה בינונית |
| <0.001 | 0.751  0.655-0.860 | 0.002 | 0.870  0.775-0.977 |  |  | רמת הכנסה נמוכה |
|  | 1.00 |  | 1.00 |  |  | רמת הכנסה גבוה | **immigration X income** |
| 0.004 | 1.297  1.031-1.631 | <0.001 | 1.508  1.338-1.699 |  |  | רמת הכנסה בינונית |
| <0.001 | 2.548  2.032-3.196 | <0.001 | 3.491  3.094-3.940 |  |  | רמת הכנסה נמוכה |
|  | 1.00 |  |  |  |  | רמת הכנסה גבוה | **sex X**  **immigration**  **X income** |
| 0.118 | 1.177  0.900-1.539 |  |  |  |  | רמת הכנסה בינונית |
| <0.001 | 1.598  1.222-2.089 |  |  |  |  | **רמת הכנסה נמוכה** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| טבלה מספר 4  ניתוח שיעורי תמותה בקרב מהגרים בהשוואה ללא מהגרים מתוקנן לגיל ולמצב משפחתי בקרב נשים וגברים בכלל אוכלוסיית המחקר ובקרב כל אחת משכבות ההכנסה בנפרד | | | | | | |
| Women | | | Men | | |  |
| AHR\*  **(99%CI)** | Kaplan Meier survivor curve | N | AHR\*  **(99%CI)** | Kaplan Meier survivor curve | N |  |
| 1.167  1.102-1.236  p<0.001 |  | **107,667** | 1.474  1.407-1.545  p<0.001 |  | **110,520** | **Total population** |
| 1.756  1.614-1.909 p<0.001 |  | **32,220** | 2.941  2.704-3.199  p<0.001 |  | **27,563** | **רמת הכנסה נמוכה** |
| 0.846  0.772-0.927  p<0.001 |  | **50,595** | 1.039  0.963-1.121  p=0.200 |  | **37,094** | **רמת הכנסה בינונית** |
| 0.738  0.596-0.913  p<0.001 |  | **24,852** | 0.714  0.635-0.804  p<0.001 |  | **45,863** | **רמת הכנסה גבוה** |
| **\*AHR-** adjusted for age and marital status at the beginning of the period | | | | | | |