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| **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** |

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| Table 2 - Distribution of mortality rates by study variablesNAHR (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  |

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| **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 | 0.6600.535-0.815 | <0.001 | 0.5290.469-0.597 | <0.001 | 1.2971.248-1.348 | **immigrants** |  |
|  | 1.00 |  | 1.00 |  | 1.00 |  **female** | **Sex** |
| <0.001 | 1.6601.492-1.847 | <0.001 | 1.5751.430-1.735 | <0.001 | 1.8111.745-1.880 | **Male**  |  |
| <0.001 | 1.0811.077-1.086 | <0.001 | 1.0811.076-1.085 | <0.001 | 1.0871.082-1.091 |  | **Age** |
|  | 1.00 |  | 1.00 |  | 1.00 | **גבוה** | Income  |
| <0.001 | 1.5701.400-1.761 | <0.001 | 1.5731.420-1.742 | <0.001 | 1.7801.689-1.876 | **בינונית** |
| <0.001 | 2.0391.824-2.279 | <0.001 | 1.8631.683-2.061 | <0.001 | 2.6512.513-2.796 | **נמוכה** |
|  | 1.00 |  | 1.00 |  | 1.00 | **married** | **Marital status** |
| <0.001 | 1.1701.122-1.220 | <0.001 | 1.1651.117-1.215 | <0.001 | 1.1121.067-1.159 | **un-married** |
| 0.792 | 1.0250.806-1.304 | <0.001 | 1.3621.258-1.475 |  |  |  | **immigration X sex** |
|  | 1.00 |  | 1.00 |  |  | רמת הכנסה גבוה |  **sex X income** |
| <0.001 | 1.2711.103-1.465 | <0.001 | 1.2411.104-1.396 |  |  | רמת הכנסה בינונית |
| <0.001 | 0.7510.655-0.860 | 0.002 | 0.8700.775-0.977 |  |  | רמת הכנסה נמוכה |
|  | 1.00 |  | 1.00 |  |  | רמת הכנסה גבוה | **immigration X income** |
| 0.004 | 1.2971.031-1.631 | <0.001 | 1.5081.338-1.699 |  |  | רמת הכנסה בינונית |
| <0.001 | 2.5482.032-3.196 | <0.001 | 3.4913.094-3.940 |  |  | רמת הכנסה נמוכה |
|  | 1.00 |  |  |  |  | רמת הכנסה גבוה | **sex X****immigration****X income** |
| 0.118 | 1.1770.900-1.539 |  |  |  |  | רמת הכנסה בינונית |
| <0.001 | 1.5981.222-2.089 |  |  |  |  | **רמת הכנסה נמוכה** |

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| טבלה מספר 4ניתוח 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 |  |
| 1.1671.102-1.236p<0.001 |  | **107,667** | 1.4741.407-1.545p<0.001 |  | **110,520** | **Total population** |
| 1.7561.614-1.909 p<0.001 |  | **32,220** | 2.9412.704-3.199p<0.001 |  | **27,563** | **רמת הכנסה נמוכה** |
| 0.8460.772-0.927p<0.001 |  | **50,595** | 1.0390.963-1.121p=0.200 |  | **37,094** | **רמת הכנסה בינונית** |
| 0.7380.596-0.913p<0.001 |  | **24,852** | 0.7140.635-0.804p<0.001 |  | **45,863** | **רמת הכנסה גבוה** |
| **\*AHR-** adjusted for age and marital status at the beginning of the period |