

**Table 2 Subgroup analysis for 1-, 3-, 5- and 10-year survival rates of women with breast cancer in the Eastern Mediterranean Region (EMR), 1946–2018**

| Category/ subgroup                      | Survival rate (95% confidence interval) |                  |                  |                  |
|---|---|------------------|------------------|------------------|
|   | 1-year                                  | 3-year           | 5-year           | 10-year          |
| <b>Sex</b>                              |   |                  |                  |                  |
| Female                                  | 0.95 (0.93–0.96)                        | 0.80 (0.76–0.84) | 0.71 (0.68–0.73) | 0.56 (0.48–0.63) |
| Male                                    | -                                       | 0.84 (0.75–0.92) | 0.63 (0.59–0.67) | 0.41 (0.25–0.59) |
| <b>Decade of study</b>                  |   |                  |                  |                  |
| 1990–1999                               | 0.93 (0.92–0.94)                        | 0.76 (0.71–0.80) | 0.63 (0.58–0.68) | 0.50 (0.45–0.55) |
| 2000–2009                               | 0.96 (0.93–0.98)                        | 0.84 (0.77–0.89) | 0.72 (0.68–0.75) | 0.58 (0.47–0.69) |
| 2010–2018                               | 0.95 (0.91–0.97)                        | 0.77 (0.70–0.84) | 0.72 (0.67–0.76) | 0.56 (0.42–0.69) |
| <b>Stage at diagnosis</b>               |   |                  |                  |                  |
| I                                       | -                                       | -                | 0.90 (0.81–0.97) | -                |
| II                                      | -                                       | -                | 0.77 (0.71–0.83) | -                |
| III                                     | -                                       | -                | 0.57 (0.49–0.64) | -                |
| IV                                      | -                                       | -                | 0.37 (0.19–0.57) | -                |
| <b>Age (years)</b>                      |   |                  |                  |                  |
| Under 39                                | -                                       | -                | 0.74 (0.68–0.80) | -                |
| 40–64                                   | -                                       | -                | 0.76 (0.66–0.85) | -                |
| 65+                                     | -                                       | -                | 0.58 (0.46–0.69) | -                |
| <b>Ethnicity</b>                        |   |                  |                  |                  |
| Arab                                    | 0.93 (0.88–0.97)                        | 0.83 (0.75–0.90) | 0.69 (0.62–0.75) | 0.51 (0.42–0.60) |
| Other                                   | 0.95 (0.94–0.97)                        | 0.78 (0.74–0.82) | 0.71 (0.69–0.74) | 0.57 (0.47–0.66) |
| <b>Human Development Index</b>          |   |                  |                  |                  |
| Very high                               | 0.91 (0.83–0.97)                        | 0.81 (0.78–0.83) | 0.68 (0.60–0.75) | 0.48 (0.40–0.56) |
| High                                    | 0.95 (0.94–0.97)                        | 0.78 (0.74–0.82) | 0.69 (0.66–0.72) | 0.59 (0.48–0.71) |
| Medium                                  | 0.97 (0.95–0.98)                        | 0.89 (0.80–0.96) | 0.82 (0.73–0.90) | -                |
| Low                                     | -                                       | -                | 0.73 (0.64–0.80) | 0.54 (0.35–0.73) |
| <b>EMR country grouping<sup>a</sup></b> |   |                  |                  |                  |
| Group 1                                 | 0.91 (0.83–0.97)                        | 0.80 (0.77–0.82) | 0.70 (0.64–0.75) | 0.48 (0.40–0.56) |
| Group 2                                 | 0.96 (0.94–0.97)                        | 0.78 (0.73–0.83) | 0.68 (0.66–0.71) | 0.54 (0.44–0.64) |
| Group 3                                 | -                                       | -                | 0.67 (0.57–0.77) | 0.58 (0.43–0.72) |

<sup>a</sup>All 22 countries in the Region are categorized into 3 groups based on level of development and income. Group 1: Bahrain, Kuwait, Oman, Qatar, Saudi Arabia and United Arab Emirates. Group 2: Egypt, Islamic Republic of Iran, Iraq, Jordan, Lebanon, Libya, Morocco, occupied Palestinian territory, Syrian Arab Republic and Tunisia. Group 3: Afghanistan, Djibouti, Pakistan, Somalia, Sudan and Yemen.