|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Analysis of Maximum Likelihood Estimates** | | | | | | | | |  |
| **Parameter** |  | **DF** | **Parameter**  **Estimate** | **Standard**  **Error** | **Chi-Square** | **Pr > ChiSq** | **Hazard**  **Ratio** | **95% Wald Confidence Limits for HR** | |
| **Age** |  | 1 | 0.00412 | 0.00410 | 1.0122 | 0.3144 | 1.004 | 0.996 | 1.012 |
| **Sex (male)** |  |  |  |  |  |  |  |  |  |
| **Female** | **1** | 1 | 0.18988 | 0.10657 | 3.1745 | 0.0748 | 1.209 | 0.981 | 1.490 |
| **ECOG performance status (0)** |  |  |  |  |  |  |  |  |  |
| **1** | **1** | 1 | 0.57297 | 0.13135 | 19.0297 | <.0001 | 1.774 | 1.371 | 2.294 |
| **2** | **2** | 1 | 0.97138 | 0.18837 | 26.5922 | <.0001 | 2.642 | 1.826 | 3.821 |
| **3** | **3** | 1 | 0.90712 | 0.32981 | 7.5649 | 0.0060 | 2.477 | 1.298 | 4.728 |
| **4** | **4** | 1 | 0.52042 | 0.73760 | 0.4978 | 0.4805 | 1.683 | 0.396 | 7.143 |
| **Body mass index (<18 kg/m2)** |  |  |  |  |  |  |  |  |  |
| **18-25** | **2** | 1 | -0.89336 | 0.26050 | 11.7605 | 0.0006 | 0.409 | 0.246 | 0.682 |
| **26-29** | **3** | 1 | -0.79140 | 0.26263 | 9.0800 | 0.0026 | 0.453 | 0.271 | 0.758 |
| **≥30** | **4** | 1 | -1.04369 | 0.26678 | 15.3056 | <.0001 | 0.352 | 0.209 | 0.594 |
| **Race (White)** |  |  |  |  |  |  |  |  |  |
| **Asian** | **Asian** | 1 | 0.92603 | 0.52759 | 3.0808 | 0.0792 | 2.524 | 0.898 | 7.100 |
| **Black** | **Black** | 1 | -0.38232 | 0.23792 | 2.5821 | 0.1081 | 0.682 | 0.428 | 1.088 |
| **Other** | **Other** | 1 | 0.28054 | 0.52941 | 0.2808 | 0.5962 | 1.324 | 0.469 | 3.737 |
| **Cancer Type (Melanoma)** |  |  |  |  |  |  |  |  |  |
| **Non-small cell lung** | **2** | 1 | 0.34361 | 0.15835 | 4.7089 | 0.0300 | 1.410 | 1.034 | 1.923 |
| **Head and neck** | **3** | 1 | -0.12197 | 0.27285 | 0.1998 | 0.6549 | 0.885 | 0.519 | 1.511 |
| **Renal cell** | **4** | 1 | 0.13341 | 0.22342 | 0.3566 | 0.5504 | 1.143 | 0.737 | 1.771 |
| **Bladder** | **5** | 1 | 0.17018 | 0.28235 | 0.3633 | 0.5467 | 1.186 | 0.682 | 2.062 |
| **Hematologic** | **6** | 1 | -0.19664 | 0.29365 | 0.4484 | 0.5031 | 0.821 | 0.462 | 1.461 |
| **Other** | **7** | 1 | 0.33035 | 0.17716 | 3.4772 | 0.0622 | 1.391 | 0.983 | 1.969 |
| **Duration of IO (≤6 weeks)** |  |  |  |  |  |  |  |  |  |
| **6-12 weeks** | **2** | 1 | -0.87116 | 0.13224 | 43.3961 | <.0001 | 0.418 | 0.323 | 0.542 |
| **12-24 weeks** | **3** | 1 | -1.07131 | 0.14882 | 51.8233 | <.0001 | 0.343 | 0.256 | 0.459 |
| **≥24 weeks** | **4** | 1 | -2.46329 | 0.15553 | 250.8409 | <.0001 | 0.085 | 0.063 | 0.116 |
| **Line of therapy (Line 1)** |  |  |  |  |  |  |  |  |  |
| **Line 2** | **2** | 1 | 0.43879 | 0.13464 | 10.6206 | 0.0011 | 1.551 | 1.191 | 2.019 |
| **Line 3** | **3** | 1 | 0.34009 | 0.13599 | 6.2541 | 0.0124 | 1.405 | 1.076 | 1.834 |
| **Heart failure** | **0** | 1 | -0.24093 | 0.18056 | 1.7805 | 0.1821 | 0.786 | 0.552 | 1.120 |
| **History of myocardial infarcation** | **0** | 1 | -0.04957 | 0.13566 | 0.1335 | 0.7148 | 0.952 | 0.729 | 1.242 |