| **Test Name** | **Test Value** | **df** | **p value** |
| --- | --- | --- | --- |
| Concordance Index | 0.846 (0.815-0.878) | - | - |
| Likelihood Ratio Test | 81 | 24 | 4.21 × 10⁻⁸ |
| Wald Test | 66.47 | 24 | 7.39 × 10⁻⁶ |
| Score (Log-rank) Test | 88.19 | 24 | 2.87 × 10⁻⁹ |

**Table S4** Goodness-of-fit test results for the multivariable Cox regression model.