|  |  |  |  |
| --- | --- | --- | --- |
| Characteristics | χ² | df | pvalue |
| Sex | 0.58953 | 1 | 0.4426 |
| Age | 0.0050417 | 1 | 0.9434 |
| BMI | 0.84625 | 1 | 0.3576 |
| History of alcohol | 1.2603 | 1 | 0.2616 |
| Tumor location | 0.72163 | 3 | 0.8681 |
| Stage | 1.0853 | 2 | 0.5812 |
| CTV-GTV margin group | 3.7745 | 2 | 0.1515 |
| Adverse events (>Grade 2) | 0.10057 | 1 | 0.7511 |
| pre NLR | 0.080377 | 1 | 0.7768 |
| during NLR | 1.0687 | 1 | 0.3012 |
| post NLR | 2.1704 | 1 | 0.1407 |
| △NLR | 0.024071 | 1 | 0.8767 |
| pre PLR | 0.39098 | 1 | 0.5318 |
| during PLR | 4.7881 | 1 | 0.0287 |
| post PLR | 1.1812 | 1 | 0.2771 |
| △PLR | 2.7019 | 1 | 0.1002 |
| pre SII | 0.27595 | 1 | 0.5994 |
| during SII | 2.839 | 1 | 0.0920 |
| post SII | 0.52919 | 1 | 0.4669 |
| △SII | 1.24 | 1 | 0.2655 |
| GLOBAL | 21.39 | 24 | 0.6156 |

**Table S2** Proportional hazards (PH) assumption test results for the Cox regression model.