TableS1 Comparison of the AUROC values of the disease-free survival between the ANNs model and conventional models across different subgroups



TableS2 Comparison of the AUROC among the ANNs model and conventional models across different subgroups



TableS3 Comparison of the C-index among the ANNs model and conventional models across different subgroups



TableS4 Comparison of the performance and discriminative ability of the disease-free survival between the ANNs model and conventional models



TableS5 Survival analyses for the ANNs model across the HCC patients in different subgroups.



TableS6 Recurrence analyses for the ANNs model across the HCC patients in different subgroups.

|  |  |  |  |
| --- | --- | --- | --- |
| Subgroup | n | HR （95%CI） | P-value for HR |
| Resction | 152 |  |  |
| Stratum 1  |  | Ref |  |
| Stratum 2 |  | 2.73 (1.64-4.55) | <0.0001 |
| Stratum 3 |  | 4.15 (2.1-8.2) | <0.0001 |
| TACE | 491 |  |  |
| Stratum 1  |  | Ref |  |
| Stratum 2 |  | 1.67 (1.23-2.27) | 0.001 |
| Stratum 3 |  | 3.55 (2.6-4.85) | <0.0001 |
| Local ablation | 103 |  |  |
| Stratum 1  |  | Ref |  |
| Stratum 2 |  | 0.93 (0.49-1.76) | 0.824 |
| Stratum 3 |  | 3.04 (1.55-5.97) | 0.001 |
| TACE+Local ablation | 676 |  |  |
| Stratum 1  |  | Ref |  |
| Stratum 2 |  | 1.81 (1.46-2.25) | <0.0001 |
| Stratum 3 |  | 2.96 (2.21-3.98) | <0.0001 |