|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 1. Univariate and Multivariate analysis of competing risk for local recurrence, distant metastasis and disease-specific mortality** | | | | | | | | |
|  | **Univariate Analysis** | | | | **Multivariate Analysis** | | | |
|  | **Local recurrence** | | | | | | | |
|  | **HR** | **95% CI** | | **p** | **HR** | **95% CI** | | **p** |
| **Age** | 1.01 | 1.00 | 1.03 | 0.10 | 1.01 | 0.99 | 1.03 | 0.10 |
| **Size** | 1.00 | 0.99 | 1.00 | 0.37 | 0.99 | 0.99 | 1.002 | 0.58 |
| **FNCLCC grade (vs 1)** | | | | | | | | |
| **Grade 2** | 3.66 | 2.00 | 6.70 | <0.001 | 3.81 | 1.42 | 10.2 | 0.008 |
| **Grade 3** | 5.27 | 2.85 | 9.76 | <0.001 | 6.35 | 2.29 | 17.5 | <0.001 |
| **Histology (vs SFT)** | | | | | | | | |
| **WDLPS** | 1.89 | 0.77 | 4.66 | 0.16 | 3.34 | 1.03 | 10.76 | 0.04 |
| **DDLPS** | 9.03 | 3.94 | 20.6 | <0.001 | 4.09 | 1.58 | 10.59 | 0.004 |
| **LMS** | 2.20 | 0.98 | 4.92 | 0.055 | 0.93 | 0.36 | 2.38 | 0.88 |
| **Others** | 4.5 | 2.08 | 9.73 | <0.001 | 2.11 | 0.83 | 5.36 | 0.11 |
|  | **Distant metastasis** | | | | | | | |
|  | **HR** | **95% CI** | | **p** | **HR** | **95% CI** | | **p** |
| **Age** | 1.00 | 0.98 | 1.01 | 0.97 | 0.99 | 0.97 | 1.01 | 0.55 |
| **Size** | 0.99 | 0.99 | 1.00 | 0.08 | 0.99 | 0.99 | 1.00 | 0.66 |
| **FNCLCC grade (vs 1)** | | | | | | | | |
| **Grade 2** | 7.48 | 3.49 | 16.0 | 0.001 | 4.23 | 1.77 | 10.08 | 0.001 |
| **Grade 3** | 14.4 | 6.71 | 31.1 | 0.001 | 8.22 | 3.3 | 20.4 | <0.001 |
| **Histology (vs SFT)** | | | | | | | | |
| **WDLPS** | 0.08 | 0.01 | 0.67 | 0.02 | 0.16 | 0.19 | 1.44 | 0.10 |
| **DDLPS** | 2.74 | 1.23 | 6.08 | 0.01 | 1.14 | 0.46 | 2.85 | 0.76 |
| **LMS** | 5.12 | 2.45 | 10.6 | <0.001 | 2.34 | 1.02 | 5.37 | 0.04 |
| **Others** | 2.86 | 1.37 | 5.97 | 0.005 | 0.96 | 0.40 | 2.31 | 0.93 |
|  | **Disease-specific mortality** | | | | | | | |
|  | **HR** | **95% CI** | | **p** | **HR** | **95% CI** | | **p** |
| **Age** | 1.01 | 0.99 | 1.02 | 0.21 | 1.00 | 0.99 | 1.02 | 0.37 |
| **Size** | 0.99 | 0.99 | 1.00 | 0.56 | 1.00 | 0.99 | 1.00 | 0.77 |
| **FNCLCC grade (vs 1)** | | | | | | | | |
| **Grade 2** | 10.9 | 4.16 | 28.6 | <0.001 | 3.83 | 1.34 | 10.89 | 0.01 |
| **Grade 3** | 23.6 | 8.97 | 62.0 | <0.001 | 7.6 | 2.63 | 21.99 | <0.001 |
| **Histology (vs SFT)** | | | | | | | | |
| **WDLPS** | - | - | - | - | - | - | - | - |
| **DDLPS** | 6.17 | 2.45 | 15.4 | <0.001 | 2.48 | 0.90 | 6.82 | 0.07 |
| **LMS** | 5.18 | 2.13 | 12.5 | <0.001 | 2.24 | 0.84 | 5.90 | 0.10 |
| **Others** | 6.29 | 2.62 | 15.0 | <0.001 | 2.31 | 0.85 | 6.25 | 0.09 |
|  | **Overall mortality** | | | | | | | |
|  | **HR** | **95% CI** | | **p** | **HR** | **95% CI** | | **p** |
| **Age** | 1.01 | 0.99 | 1.02 | 0.21 | 1.02 | 1.00 | 1.03 | 0.01 |
| **Size** | 0.99 | 0.99 | 1.00 | 0.56 | 1.00 | 0.99 | 1.00 | 0.91 |
| **FNCLCC grade (vs 1)** | | | | | | | | |
| **Grade 2** | 10.9 | 4.16 | 28.6 | <0.001 | 2.52 | 1.04 | 6.09 | 0.04 |
| **Grade 3** | 23.6 | 8.9 | 62.0 | <0.001 | 4.91 | 1.99 | 12.11 | 0.001 |
| **Histology (vs SFT)** | | | | | | | | |
| **WDLPS** | 0.50 | 0.14 | 1.71 | 0.27 | 0.58 | 0.14 | 2.31 | 0.44 |
| **DDLPS** | 5.58 | 2.39 | 13.0 | <0.001 | 2.43 | 0.94 | 6.30 | 0.06 |
| **LMS** | 4.59 | 2.04 | 10.3 | <0.001 | 2.08 | 0.85 | 5.09 | 0.10 |
| **Others** | 5.28 | 2.37 | 11.7 | <0.001 | 2.29 | 0.91 | 5.78 | 0.07 |