**Table S2a** Univariate and multivariate analysis of OS in DLBCL population.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Factors | N |  | Univariate analysis | |  | Multivariate cox regression analysis | | | |
| Mean survival(y) | 5-year survival rate | p |  | OR | (95% CI) | | p |
| Age (<60/≥60, years) a, \* | 82/31 | 19.4/8.4 | 96.1%/63.6% | <0.001 |  | 26.324 | | 5.090-136.144 | <0.001 |
| Ann Arbor stage (I-IIE/III-IVE) a, \* | 98/15 | 18.3/5.6 | 91.7%/49.7% | <0.001 |  | 4.219 1.314-13.551 0.016 | | | |
| Cancer-directed surgery (No/Yes) | 82/31 | 16.8/16.6 | 84.6%/92.8% | 0.483 |  |  | | | |
| Chemotherapy/radiotherapy a, \* |  |  |  | 0.006 |  | 0.008 | | | |
| No/R or C | 6/70 | 5.0/16.7 | 66.7%/83.5% | 0.027 |  | 0.081 0.013-0.509 0.007 | | | |
| No/R + C | 6/37 | 5.0/14.0 | 66.7%/97.1% | <0.001 |  | 0.018 0.001-0.267 0.003 | | | |
| R or C / R + C | 70/37 | 16.7/14.0 | 83.5%/97.1% | 0.094 |  | 0.227 0.028-1.810 0.161 | | | |

a, Factors applied to multivariate analysis; \*, p < 0.05

**Table S2b** Univariate and multivariate analysis of DSS in DLBCL population.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Factors | N |  | Univariate analysis | |  | Multivariate cox regression analysis | | | |
| Mean survival(y) | 5-year DSS rate | p |  | OR | (95% CI) | | p |
| Age (<60/≥60, years) a, \* | 82/31 | 19.8/9.5 | 96.1%/65.9% | <0.001 |  | 23.015 | | 3.857-137.324 | 0.001 |
| Ann Arbor stage (I-IIE/III-IVE) a, \* | 98/15 | 19.1/6.4 | 92.7%/49.7% | <0.001 |  | 4.056 1.137-14.469 0.031 | | | |
| Cancer-directed surgery (No/Yes) | 82/31 | 17.8/17.7 | 85.7%/92.8% | 0.403 |  |  | | | |
| Chemotherapy/radiotherapy a, \* |  |  |  | 0.056 |  | 0.049 | | | |
| No/R or C | 6/70 | 6.0/17.7 | 66.7%/84.8% | 0.131 |  | 0.120 0.016-0.893 0.038 | | | |
| No/R + C | 6/37 | 6.0/14.0 | 66.7%/97.1% | 0.004 |  | 0.034 0.002-0.562 0.018 | | | |
| R or C / R + C | 70/37 | 17.7/14.0 | 84.8%/97.1% | 0.160 |  | 0.282 0.034-2.344 0.241 | | | |

a, Factors applied to multivariate analysis; \*, p < 0.05.

**Table S2c** Univariate and multivariate analysis of RFS in DLBCL population (N = 101).

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Factors | N |  | Univariate analysis | |  | Multivariate cox regression analysis | | | |
| Mean RFS (y) | 5-year RFS rate | p |  | OR | (95% CI) | | p |
| Age (<60/≥60, years) | 78/23 | 18.2/11.4 | 87.6%/82.4% | 0.287 |  |  | |  |  |
| Ann Arbor stage (I-IIE/III-IVE) a, \* | 90/11 | 18.4/7.2 | 88.9%/61.4% | 0.031 |  |  | | | |
| Cancer-directed surgery (No/Yes) | 72/29 | 18.0/16.4 | 86.7%/86.1% | 0.511 |  |  | | | |
| Chemotherapy/radiotherapy a, \* |  |  |  | <0.001 |  | 0.003 | | | |
| No/R or C | 3/65 | 3.1/17.7 | 33.3%/85.2% | <0.001 |  | 0.100 0.021-0.480 0.004 | | | |
| No/R + C | 3/33 | 3.1/13.8 | 33.3%/93.8% | <0.001 |  | 0.025 0.002-0.275 0.003 | | | |
| R or C / R + C | 65/33 | 17.7/13.8 | 85.2%/93.8% | 0.150 |  | 0.246 0.031-1.963 0.186 | | | |

a, Factors applied to multivariate analysis; \*, p < 0.05.

Abbreviations: DLBCL, diffuse large B-cell lymphoma; OS, overall survival; RFS, recurrent-free survival; DSS, disease-specific survival; R or/+ C, radiotherapy or/plus chemotherapy.