|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Univariate Analysis** | | | | **Multivariate Analysis** | | |
| **Variable** | **Patients (n)** | ***p*** | **Regression Coefficient (SE)** | ***p*** | | **Relative Risk** | **95% Confidence Interval** |
| **CircPLPP4** |  |  |  |  | |  |  |
| Low expression | 73 | <0.001 | 1.200(0.266) | 0.002 | | 2.415 | 1.378-4.232 |
| High expression | 93 |
| **Intraperitoneal metastasis** |  |  |  |  | |  |  |
| No | 66 | <0.001 | 1.275(0.290) | 0.002 | | 2.538 | 1.393-4.618 |
| Yes | 100 |
| **Lymph node metastasis** |  |
| No | 54 | 0.008 | 0.735(0.276) | 0.904 | | 0.965 | 0.537-1.732 |
| Yes | 112 |
| **Drug resistance**  No | 94 | <0.001 | 1.030(0.249) | <0.001 | | 2.740 | 1.634-4.593 |
| Yes | 72 |  |  |  | |  |  |
| **Tumor recurrence** |  |  |  |  | |  |  |
| No | 57 | 0.002 | 0.775(0.245) | 0.019 | | 1.836 | 1.104-3.052 |
| Yes | 109 |
| **FIGO stage** |  |  |  |  | |  |  |
| I | 8 |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| II | 30 |  |  |  | |  |  |
|  |  | 0.010 | 0.487(0.189) | 0.031 | | 1.640 | 1.046-2.571 |
| III | 115 |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| IV | 13 |  |  |  | |  |  |
|  |  |  |  |  | |  |  |

**Table 3. Cox regression univariate and multivariate analyses of prognostic factors in ovarian cancer**