**Table A2. Multivariate analysis according to different inflammatory and nutritious index in Non-AC patients (n=47)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Different variables | | Progression-free survival | | | | Overall survival | | | | |
| NLR |  | Age | Gender | PS | NLR | Age | Gender | PS | NLR |
| HR | 1.141 | 1.176 | 1.895 | 1.441 | 1.142 | 1.752 | 2.345 | 3.960 |
| 95% CI | 0.732-1.694 | 0.545-2.187 | 1.223-2.958 | 0.883-2.514 | 0.679-1.794 | 0.651-3.764 | 1.472-3.844 | 1.612-17.653 |
| *p*-value | 0.539 | 0.644 | **0.004** | 0.148 | 0.591 | 0.261 | **<0.001** | **<0.001** |
| PLR |  | Age | Gender | PS | PLR | Age | Gender | PS | PLR |
| HR | 1.171 | 0.968 | 2.002 | 1.234 | 1.158 | 0.942 | 2.556 | 1.454 |
| 95% CI | 0.753-1.732 | 0.462-1.713 | 1.305-3.086 | 0.861-1.786 | 0.691-1.818 | 0.364-1.877 | 1.617-4.142 | 0.954-2.305 |
| *p*-value | 0.461 | 0.920 | **0.002** | 0.252 | 0.552 | 0.879 | **<0.001** | 0.082 |
| SII |  | Age | Gender | PS | SII | Age | Gender | PS | SII |
| HR | 1.136 | 1.151 | 1.719 | 1.472 | 1.112 | 1.177 | 2.327 | 1.514 |
| 95% CI | 0.729-1.685 | 0.539-2.113 | 1.083-2.774 | 0.944-2.315 | 0.659-1.757 | 0.445-2.464 | 1.422-3.945 | 0.898-2.663 |
| *p*-value | 0.551 | 0.683 | **0.021** | 0.087 | 0.669 | 0.702 | **<0.001** | 0.120 |
| PNI |  | Age | Gender | PS | PNI | Age | Gender | PS | PNI |
| HR | 1.108 | 1.205 | 1.625 | 0.618 | 1.121 | 1.353 | 2.016 | 0.499 |
| 95% CI | 0.708-1.651 | 0.559-2.256 | 1.023-2.636 | 0.378-0.995 | 0.666-1.764 | 0.504-2.937 | 1.236-3.425 | 0.258-0.905 |
| *p*-value | 0.634 | 0.596 | **0.039** | **0.047** | 0.643 | 0.498 | **0.004** | **0.022** |
| ALI |  | Age | Gender | PS | ALI | Age | Gender | PS | ALI |
| HR | 1.145 | 0.985 | 1.919 | 0.741 | 1.146 | 0.970 | 2.311 | 0.361 |
| 95% CI | 0.734-1.700 | 0.470-1.744 | 1.234-3.009 | 0.421-1.194 | 0.682-1.799 | 0.376-1.929 | 1.454-3.764 | 0.084-0.816 |
| *p*-value | 0.528 | 0.964 | **0.004** | 0.227 | 0.581 | 0.939 | **<0.001** | **0.010** |
| GPS |  | Age | Gender | PS | GPS | Age | Gender | PS | GPS |
| HR | 1.095 | 0.960 | 1.718 | 1.370 | 1.103 | 0.970 | 2.230 | 1.478 |
| 95% CI | 0.695-1.646 | 0.456-1.708 | 1.053-2.885 | 0.856-2.163 | 0.649-1.757 | 0.374-1.940 | 1.316-3.984 | 0.834-2.651 |
| *p*-value | 0.677 | 0.899 | **0.030** | 0.183 | 0.697 | 0.939 | **0.002** | 0.176 |

Abbreviations: PS, performance status; NLR, neutrophil to lymphocyte ratio; PLR, platelet to lymphocyte ratio; SII, systemic immune inflammation index; PNI, prognostic nutrition index; ALI, advanced lung cancer inflammation index; GPS, Glasgow prognostic score; HR, hazard ratio; 95% CI, 95% confidence interval.