**Supplementary Table 2. BCLC-based Multivariate Cox proportional hazards regression analysis of risk factors associated with OS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **HR** | **95% CI** | **B-values#** | ***p-*value\*** |
| BCLC |  |  |  |  |
| A | 1 |  |  |  |
| B | 1.388 | 1.175-1.639 | 0.328 | < 0.001 |
| C | 2.596 | 2.147-3.140 | 0.954 | < 0.001 |
| Child-Pugh grade |  |  |  |  |
|  A | 1 |  |  |  |
|  B | 1.398 | 1.116-1.753 | 0.335 | 0.004 |
| Serum AFP in ng/mL |  |  |  |  |
|  ≤ 200 | 1 |  |  |  |
|  > 200 | 1.277 | 1.109-1.470 | 0.244 | 0.001 |
| Tumor size in cm |  |  |  |  |
|  < 5 | 1 |  |  |  |
|  5-10 | 1.414 | 1.199-1.667 | 0.346 | < 0.001 |
|  > 10 | 1.945 | 1.612-2.348 | 0.665 | < 0.001 |

#B-values were regression coefficients. \*Cox Regression analysis. AFP, alpha fetoprotein; BCLC, Barcelona Clinic Liver Cancer; CI, confidence interval; HR, hazard ratio; OS, overall survival.