**Supplement Table 1. The correlation between clinical characteristics and survival.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Number(%) | Survival | *P*value | Survival | *P*value |
| Total evaluated | 111(100) | mPFS（months） | mOS（months） |
| Gender | | | | | |
| Male | 70(63.1) | 7.4 | 0.267 | 19.2 | 0.155 |
| Female | 41(36.9) | 6.3 | 16.2 |
| Median age (years range) 58.27 (27-79) | | | | | |
| Age≤70 | 94(84.7) | 6.9 | 0.909 | 17.6 | 0.471 |
| Age > 70 | 17 (15.3) | 8.1 | 15.7 |
| Primary tumor site | | | | | |
| Rectum | 47 (43.3) | 8.5 | 0.301 | 17.5 | 0.993 |
| Left colon | 35 (31.5) | 6.6 | 16.6 |
| Right colon | 29 (26.1) | 6.4 | 15.5 |
| Number of Metastases | | | | | |
| 1 | 67(60.3) | 7.0 | 0.365 | 22.8 | 0.249 |
| ≥2 | 44(39.6) | 6.6 | 16.4 |
| Tumor differentiation | | | | | |
| Poor | 34 (30.6) | 4.4 | 0.071 | 13.6 | 0.096 |
| Moderate | 52 (46.8) | 8.1 | 17.4 |
| Well | 1 (0.9) | 8.7 | 19.3 |
| Unknown | 24 (21.6) | 7.0 | 14.0 |
| BFAF Mutation | | | | | |
| Wild type | 60 (54.1) | 9.1 | 0.801 | 17.6 | 0.339 |
| Mutant type | 1 (0.9) | 6.6 | 15.9 |
| Unknown | 50 (45) | 7.1 | 17.4 |
| Alkaline phosphatase | | | | | |
| Normal  (51-160 IU/L) | 5 (4.5) | 9.7 | 0.214 | 22.9 | 0.508 |
| >160IU/L | 106 (95.5) | 6.6 | 17.1 |
| <51IU/L | 0(0) | - | - |
| Leucocyte | | | | | |
| Normal (3.5-9.5\*10^9/L) | 98 (88.29) | 7.1 | 0.195 | 17.1 | 0.780 |
| >9.5\*10^9/L | 7 (6.3) | 5.6 | 17.4 |
| <3.5\*10^9/L | 6 (5.4) | 8.5 | 16.2 |
| Lymphocyte | | | | | |
| Normal  (1.1-3.2\*10^9/L) | 83 (74.77) | 6.9 | 0.15 | 17.5 | 0.873 |
| >3.2\*10^9/L | 2 (1.8) | 7.0 | 16.7 |
| <1.1\*10^9/L | 26 (23.42) | 7.7 | 17.4 |
| Creatinine | | | | | |
| Normal  (53-140umol/L) | 102 (91.9) | 8.3 | 0.983 | 17.5 | 0.441 |
| >140umol/L | 1 (0.9) | 6.6 | 17.4 |
| <53umol/L | 8 (7.2) | 7.6 | 16.2 |
| Calcium | | | | | |
| Normal  (2.1-2.7mmol/L) | 107 (96.4) | 7.1 | 0.106 | 17.4 | 0.200 |
| >2.7mmol/L | 0(0) | - | - |
| <2.1mmol/L | 4 (3.6) | 3.6 | 10.2 |
| Magnesium | | | | | |
| Normal  (0.67-1.04mmol/L) | 105 (94.6) | 7.1 | 0.793 | 17.4 | 0.431 |
| >1.04mmol/L | 6 (5.4) | 6.2 | 17.1 |
| <0.67mmol/L | 0(0) | - | - |
| Phosphorus | | | | | |
| Normal  (0.81-1.45mmol/L) | 105 (94.6) | 7.2 | 0.229 | 17.5 | 0.730 |
| >1.45mmol/L | 5 (4.5) | 6.2 | 10.0 |
| <0.81mmol/L | 1(0.9) | 3.1 | 14.0 |

*p* Value: Log rank