**Supplementary Table 3.** Univariate and multivariate analyses for predictors of relapse-free survival in the SYSUCC cohort

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| --- | --- | --- |
| **Variables** | **Univariate analysis** | **Multivariate analysis** |
| **HR (95% CI)** | ***P* value** | **HR (95% CI)** | ***P* value** |
| Age (> 60) | 1.00 (0.78-1.29) | 0.989 |  |  |
| Gender (male) | 1.16 (0.89-1.50) | 0.270 |  |  |
| Primary tumor location |  |  |  |  |
| Right-sided vs. left-sided | 1.03 (0.757-1.407) | 0.840 |  |  |
| Rectum vs. colon | 0.95(0.716-1.259) | 0.719 |  |  |
| Poor differentiation | 1.10 (0.83-1.46) | 0.494 |  |  |
| T stage (T4) | 1.11 (0.86-1.45) | 0.420 |  |  |
| Lymph node metastases | **1.73 (1.32-2.28)** | **<.001** | **1.76 (1.33-2.32)** | **<.001** |
| Perioperative chemotherapy | **1.43 (1.00-2.05)** | **0.048** | 1.35 (0.93-1.95) | 0.113 |
| Preoperative CEA (> 200ng/ml) | 1.18 (0.72-1.94) | 0.508 |  |  |
| Metachronous CRLM | 0.98 (0.75-1.28) | 0.874 |  |  |
| Number of liver metastases(> 1) | **2.04 (1.58-2.63)** | **<.001** | **1.82 (1.39-2.37)** | **<.001** |
| Largest metastasis (> 5cm) | **2.07 (1.50-2.86)** | **<.001** | **1.57 (1.12-2.20)** | **0.033** |
| Extrahepatic disease | **1.82 (1.29-2.57)** | **0.001** | **1.68 (1.18-2.39)** | **0.004** |
| LDH level (above ULN) | **2.11 (1.54-2.89)** | **<.001** | **1.84 (1.31-2.57)** | **0.001** |

Abbreviations: HR, hazard ratio; CI, confidence interval; CRLM, colorectal liver metastases; ULN, upper limit of normal.