Supplementary Table 4. Survival analysis by subgroups, high TLR5 expression compared to low and positive TLR7 expression compared to negative in 549 colorectal cancer patients

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **High TLR5** | | |  | **Positive TLR7** | | |
|  |  | **HR** | **95% CI** | ***p* value** |  | **HR** | **95% CI** | ***p* value** |
| Age |  |  |  |  |  |  |  |  |
| <65 |  | 0.61 | 0.38–0.99 | **0.044** |  | 0.55 | 0.28–1.07 | 0.078 |
| ≥65 |  | 0.63 | 0.42–0.94 | **0.025** |  | 0.47 | 0.29–0.75 | **0.002** |
|  |  |  |  |  |  |  |  |  |
| Gender |  |  |  |  |  |  |  |  |
| Male |  | 0.67 | 0.45–1.02 | 0.063 |  | 0.63 | 0.36–1.11 | 0.111 |
| Female |  | 0.54 | 0.34–0.86 | **0.009** |  | 0.38 | 0.22–0.64 | **<0.001** |
|  |  |  |  |  |  |  |  |  |
| Location |  |  |  |  |  |  |  |  |
| Right colon |  | 0.66 | 0.36–1.22 | 0.187 |  | 0.32 | 0.17–0.60 | **<0.001** |
| Left colon |  | 0.67 | 0.38–1.17 | 0.160 |  | 0.55 | 0.25–1.23 | 0.146 |
| Rectum |  | 0.54 | 0.34–0.86 | **0.009** |  | 0.63 | 0.32–1.26 | 0.195 |
|  |  |  |  |  |  |  |  |  |
| Tumor stage |  |  |  |  |  |  |  |  |
| I |  | 0.89 | 0.24–3.31 | 0.860 |  | 0.55 | 0.07–1.43 | 0.576 |
| II |  | 0.64 | 0.29–1.42 | 0.272 |  | 0.52 | 0.12–2.21 | 0.379 |
| III |  | 0.78 | 0.49–1.22 | 0.268 |  | 0.68 | 0.40–1.18 | 0.168 |
| IV |  | 1.02 | 0.59–1.76 | 0.956 |  | 0.70 | 0.37–1.35 | 0.291 |
|  |  |  |  |  |  |  |  |  |
| Tumor classification (pT) | | |  |  |  |  |  |  |
| pT1–pT2 |  | 1.16 | 0.45–3.0 | 0.757 |  | 0.45 | 0.10–1.95 | 0.284 |
| pT3–pT4 |  | 0.67 | 0.48–0.94 | **0.020** |  | 0.59 | 0.39–0.89 | **0.012** |
|  |  |  |  |  |  |  |  |  |
| Lymph node metastasis (pN) | | |  |  |  |  |  |  |
| pN0 |  | 0.55 | 0.30–1.01 | 0.054 |  | 1.24 | 0.30–5.11 | 0.768 |
| pN1–2 |  | 0.72 | 0.50–1.04 | 0.083 |  | 0.68 | 0.44–1.04 | 0.075 |
|  |  |  |  |  |  |  |  |  |
| Tumor grade (WHO) | |  |  |  |  |  |  |  |
| 1–2 |  | 0.59 | 0.41–0.83 | **0.003** |  | 0.53 | 0.33–0.86 | **0.010** |
| 3–4 |  | 0.94 | 0.40–2.21 | 0.881 |  | 0.55 | 0.21–1.39 | 0.205 |
|  |  |  |  |  |  |  |  |  |
| Systemic inflammatory response (CRP) | | | |  |  |  |  |  |
| ≤8.7 |  | 0.59 | 0.37–0.92 | **0.021** |  | 0.53 | 0.28–1.00 | **0.049** |
| >8.7 |  | 0.58 | 0.31–1.07 | 0.079 |  | 3.19 | 0.44–23.1 | 0.251 |
| Abbreviations: CI, confidence interval; CRP, C-reactive protein; HR, hazard ratio; TLR, toll-like receptor | | | | | | | | |