Supplementary Table 3. Survival analysis by subgroups, high TLR2 and TLR4 tissue expressions compared to low in 549 colorectal cancer patients

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **High TLR2** | | |  | **High TLR4** | | |
|  |  | **HR** | **95% CI** | ***p* value** |  | **HR** | **95% CI** | ***p* value** |
| Age |  |  |  |  |  |  |  |  |
| <65 |  | 0.47 | 0.26–0.83 | **0.009** |  | 0.74 | 0.46–1.19 | 0.209 |
| ≥65 |  | 0.69 | 0.43–1.11 | 0.128 |  | 1.01 | 0.69–1.48 | 0.949 |
|  |  |  |  |  |  |  |  |  |
| Gender |  |  |  |  |  |  |  |  |
| Male |  | 0.85 | 0.50–1.45 | 0.541 |  | 1.22 | 0.80–1.87 | 0.357 |
| Female |  | 0.40 | 0.25–0.67 | **<0.001** |  | 0.66 | 0.43–1.00 | 0.050 |
|  |  |  |  |  |  |  |  |  |
| Location |  |  |  |  |  |  |  |  |
| Right colon |  | 0.55 | 0.25–1.24 | 0.149 |  | 0.56 | 0.31–1.02 | 0.058 |
| Left colon |  | 0.51 | 0.25–1.01 | 0.069 |  | 0.74 | 0.42–1.28 | 0.277 |
| Rectum |  | 0.63 | 0.38–1.04 | 0.070 |  | 1.35 | 0.87–2.10 | 0.185 |
|  |  |  |  |  |  |  |  |  |
| Tumor stage |  |  |  |  |  |  |  |  |
| I |  | 0.54 | 0.11–2.59 | 0.438 |  | 0.42 | 0.11–1.56 | 0.194 |
| II |  | 0.91 | 0.28–3.02 | 0.878 |  | 0.63 | 0.30–1.33 | 0.225 |
| III |  | 0.40 | 0.24–0.65 | **<0.001** |  | 1.04 | 0.66–1.63 | 0.862 |
| IV |  | 1.64 | 0.81–3.31 | 0.172 |  | 0.86 | 0.57–1.761 | 0.859 |
|  |  |  |  |  |  |  |  |  |
| Tumor classification (pT) | | |  |  |  |  |  |  |
| pT1–pT2 |  | 1.16 | 0.27–5.03 | 0.846 |  | 0.56 | 0.22–1.41 | 0.218 |
| pT3–pT4 |  | 0.61 | 0.40–0.94 | **0.024** |  | 1.03 | 0.75–1.42 | 0.862 |
|  |  |  |  |  |  |  |  |  |
| Lymph node metastasis (pN) | | |  |  |  |  |  |  |
| pN0 |  | 0.73 | 0.33–1.62 | 0.436 |  | 0.77 | 0.43–1.40 | 0.377 |
| pN1–2 |  | 0.86 | 0.47–1.60 | 0.640 |  | 1.04 | 0.73–1.45 | 0.814 |
|  |  |  |  |  |  |  |  |  |
| Tumor grade (WHO) | |  |  |  |  |  |  |  |
| 1–2 |  | 0.73 | 0.35–0.80 | **0.003** |  | 0.93 | 0.6–1.30 | 0.665 |
| 3–4 |  | 0.89 | 0.30–2.61 | 0.829 |  | 0.91 | 0.37–2.22 | 0.837 |
|  |  |  |  |  |  |  |  |  |
| Systemic inflammatory response (CRP) | | | |  |  |  |  |  |
| ≤8.7 |  | 0.53 | 0.35–0.80 | **0.002** |  | 0.92 | 0.59–1.41 | 0.688 |
| >8.7 |  | 0.95 | 0.45–2.01 | 0.886 |  | 2.04 | 1.04–4.00 | **0.038** |
| Abbreviations: CI, confidence interval; CRP, C-reactive protein; HR, hazard ratio; TLR, toll-like receptor | | | | | | | | |
|  |  |  |  |  |  |  |  |  |