Supplementary table 5. Univariate and multivariate analysis of factors associated with overall survival and recurrence in the mRNA expression study of ESR1

|  |  |  |
| --- | --- | --- |
| **Clinicopathological characteristics** | **Univariate analysis** | **Multivariate analysis** |
| **Overall survival** |  **Recurrence**  | **Overall survival** |  **Recurrence** |
| **Exp(B)** | **95% CI** | ***P* value** | **Exp(B)** | **95% CI** | ***P* value** | **Exp(B)** | **95% CI** | ***P* value** | **Exp(B)** | **95% CI** | ***P* value** |
| **Gender (Female vs Male)** | **1.198**  | **0.835-1.721** | **0.327**  | **1.118**  | **0.809-1.546** | **0.499**  |  |  |  |  |  |  |
| **Age (<50 vs ≥50 years)**  | **1.233**  | **0.776-1.957**  | **0.375**  | **0.986**  | **0.668-1.455**  | **0.986**  |  |  |  |  |  |  |
| **AFP (≤20 vs >20ng/ml)** | **0.748**  | **0.588-0.950** | **0.017**  | **0.872**  | **0.698-1.091** | **0.231**  | **0.730**  | **0.577-0.922** | **0.008**  | **NA** |
| **TNM stage (ⅠvsⅡ-Ⅳ)** | **2.566**  | **1.800-3.657** | ***P*<0.001** | **2.287**  | **1.658-3.153** | ***P*<0.001** | **2.337**  | **1.629-3.353** | ***P*<0.001** | **2.264**  | **1.640-3.127** | ***P*<0.001** |
| **Histologic grade (G1-2 vs G3-4)** | **1.117**  | **0.779-1.602** | **0.546**  | **1.100**  | **0.805-1.503** | **0.549**  |  |  |  |  |  |  |
| ***ESR1* expression (Low vs High)** | **0.539**  | **0.377-0.771** | **0.001**  | **0.648**  | **0.478-0.877** | **0.005**  | **0.526**  | **0.365-0.758** | **0.001**  | **0.659**  | **0.486-0.894** | **0.007**  |

Note: Univariate analysis and Multivariate analysis, Cox proportional hazards regression model; AFP, α-fetoprotein; 95% CI, 95% confidence interval.