### SUPPLEMENTARY TABLE

Supplementary Table 1. Multivariate Cox regression analysis of immune cells for overall survival in the 171 gastric cancer patients with adjuvant chemotherapy.

| Characteristic                                      | Overall Survival | Hazard ratio (95% CI) | P value |
|-----------------------------------------------------|------------------|-----------------------|---------|
| Activated CD4 T cell                                |                  | 1.794(0.130-24.628)  | 0.662   |
| Activated CD8 T cell                                |                  | 1.200(0.031-45.277)  | 0.921   |
| Central memory CD4 T cell                           |                  | 1.569(0.157-15.653)  | 0.701   |
| Central memory CD8 T cell                           |                  | 0.228(0.021-2.420)   | 0.220   |
| Effector memory CD4 T cell                          |                  | 0.312(0.031-3.061)   | 0.317   |
| Effector memory CD8 T cell                          |                  | 153.365(2.689-8745.239) | 0.015   |
| Type 1 T helper cell                                |                  | 0.056(0.000-4.660)   | 0.202   |
| Type 17 T helper cell                               |                  | 0.724(0.130-4.008)   | 0.712   |
| Activated dendritic cell                            |                  | 0.432(0.031-5.992)   | 0.532   |
| CD56bright natural killer cell                      |                  | 0.344(0.059-2.000)   | 0.235   |
| Natural killer cell                                 |                  | 0.432(0.030-6.133)   | 0.535   |
| Natural killer T cell                               |                  | 1.301(0.079-21.361)  | 0.854   |
| Regulatory T cell                                   |                  | 0.328(0.016-6.590)   | 0.467   |
| Type 2 T helper cell                                |                  | 1.344(0.185-9.748)   | 0.770   |
| CD56dim natural killer cell                         |                  | 0.983(0.136-7.078)   | 0.987   |
| Immature dendritic cell                             |                  | 0.227(0.042-1.217)   | 0.084   |
| Macrophage                                          |                  | 0.646(0.030-13.776)  | 0.780   |
| MDSC                                                |                  | 1.141(0.014-89.158)  | 0.953   |
| Neutrophil                                          |                  | 9.599(1.244-74.022)  | 0.030   |
| Plasmacytoid dendritic cell                         |                  | 1.916(0.188-19.473)  | 0.583   |
| Activated B cell                                    |                  | 11.444(0.159-820.920)| 0.264   |
| Gamma delta T cell                                  |                  | 0.915(0.090-9.204)   | 0.940   |
| Immature B cell                                     |                  | 0.002(0.000-0.974)   | 0.049   |
| Memory B cell                                       |                  | 1.453(0.291-7.251)   | 0.648   |
| T follicular helper cell                             |                  | 47.155(3.699-600.992)| 0.003   |
| Eosinophil                                          |                  | 0.284(0.046-1.742)   | 0.174   |
| Mast cell                                           |                  | 7.171(0.583-88.156)  | 0.124   |
| Monocyte                                            |                  | 1.153(0.096-13.768)  | 0.910   |