**Supplementary Table 1. Baseline data of the patients.**

|  |  |  |
| --- | --- | --- |
| Clinical parameter | | Total (cases %) |
| Total |  | 297 |
| Age (years) | <50 | 178 |
|  | ≥ 50 | 119 |
| Histological type | Squamous cell cancer | 245 |
|  | Adenocarcinoma | 48 |
|  | Others | 4 |
| Pathological stage | I | 162 |
|  | II | 69 |
|  | III | 45 |
|  | IV | 21 |
| Lymph node metastasis | Negative | 239 |
|  | Positive | 58 |