**Table S1**: The clinicopathological characteristics in HNCH.

|  |  |
| --- | --- |
| ***Variables*** | ***No. of patients（%）******N = 170*** |
| **Age (years)** | 63.54 ± 6.97 |
| **Differentiation** |  |
| Well | 16 (9.4%) |
| Moderate | 84 (59.4%) |
| Poor | 70 (41.2%) |
| **Smoking history** |  |
| No | 98 (57.6%) |
| Yes | 72 (42.4%) |
| **Drinking history** |  |
| No | 112 (65.9%) |
| Yes | 58 (34.1%) |
| **LN dissection** volume |  |
|  4-55 | 17.8±9.3 |
| ≤8 | 14 (8.2%) |
| 9 - 15 | 68 (40.0%) |
| ≥16 | 88 (51.8%) |
| **HB (g/L)** | 130.5 ± 14.8b |
| **ALB (g/L)** | 43.1 ± 3.7 b |
| **Tumor invasion** |  |
| T1 | 56 (32.9%) |
| T2 | 42 (24.7%) |
| T3 | 72 (42.4%) |
| **N stage** |  |
| N0 | 172 (100.0%) |
| N1 | 0  |
| N2 | 0  |