**Supplementary material**

**Table S.** Differences between female and male in independent prognostic predictors

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 　 | female | male  | statistic | *P* value |
| age(y) | 57.86 | 59.76 | 2.27  | 0.024 |
| clinical T stage |  |  | 7.61  | 0.055 |
|  cTis/cT1mi/cT1a | 121 | 62 |  |  |
|  cT1b | 70 | 53 |  |  |
|  cT1c | 35 | 28 |  |  |
|  cT2a | 3 | 7 |  |  |
| burrs sign |  |  | 10.30  | 0.001 |
|  yes | 81 | 78 |  |  |
|  no | 148 | 72 |  |  |
| histologic grade |  |  | 8.52  | 0.014 |
|  grade 1 | 37 | 20 |  |  |
|  grade 2 | 150 | 83 |  |  |
|  grade 3 | 42 | 47 |  |  |
| consolidation tumor ratio |  |  | 7.93  | 0.019 |
|  <25% | 109 | 56 |  |  |
|  ≥25% to <75% | 46 | 24 |  |  |
|  ≥75% | 74 | 70 |  |  |
| whole tumor size |  |  | 3.30  | 0.069 |
|  ≤17mm | 118 | 63 |  |  |
|  >17mm | 111 | 87 | 　 | 　 |