

Supplementary Table S4: Adjusted Cox regression modeling of NND*

| Parameter | Group | N | p-value | DSS | |
|------------------|--------------|----------|----------------|------------|--------------|
| | | | | HR | CI |
| NND by number | ≥ 1 | 8 | 0.279 | 1.88 | (0.60, 5.91) |
| | < 1 | 69 | ref. | 1.0 | |
| NND by area | ≥ 1 | 7 | 0.840 | 1.17 | (0.25, 5.55) |
| | < 1 | 70 | ref. | 1.0 | |

* Adjusted for tumor clinical stage (AJCC 8th edition), differentiation, and comorbidities.

HR = hazard ratio

CI = 95% confidence interval

IND and NND values were log-transformed to fit the model