

Table S1. ROC analysis of various LN classification systems for 1- year, 3-year and 5-year OS.

| Overall Survival (OS) | LN evaluation Type | ROC analysis | | |
|-----------------------|--------------------|--------------|---------------|---------|
| | | AUC | 95% CI | p-value |
| 1-year OS | LODDS | 0.634 | 0.567 – 0.701 | < 0.001 |
| | LNR | 0.591 | 0.516 – 0.666 | 0.013 |
| | tLN | 0.421 | 0.356 – 0.486 | 0.030 |
| | pLN | 0.583 | 0.509 – 0.657 | 0.023 |
| 3-year OS | LODDS | 0.658 | 0.606 – 0.710 | < 0.001 |
| | LNR | 0.640 | 0.586 – 0.695 | < 0.001 |
| | tLN | 0.472 | 0.420 – 0.525 | 0.311 |
| | pLN | 0.632 | 0.578 – 0.686 | < 0.001 |
| 5-year OS | LODDS | 0.660 | 0.609 – 0.711 | < 0.001 |
| | LNR | 0.653 | 0.602 – 0.704 | < 0.001 |
| | tLN | 0.502 | 0.449 – 0.556 | 0.933 |
| | pLN | 0.648 | 0.597 – 0.699 | < 0.001 |