

Supplemental figure legends

Supplemental Figure S1. Evaluation of the PLNR stratification of prognosis and detection of stage migration effects in each N-status according to a PLNR cut-off value of 0.1.

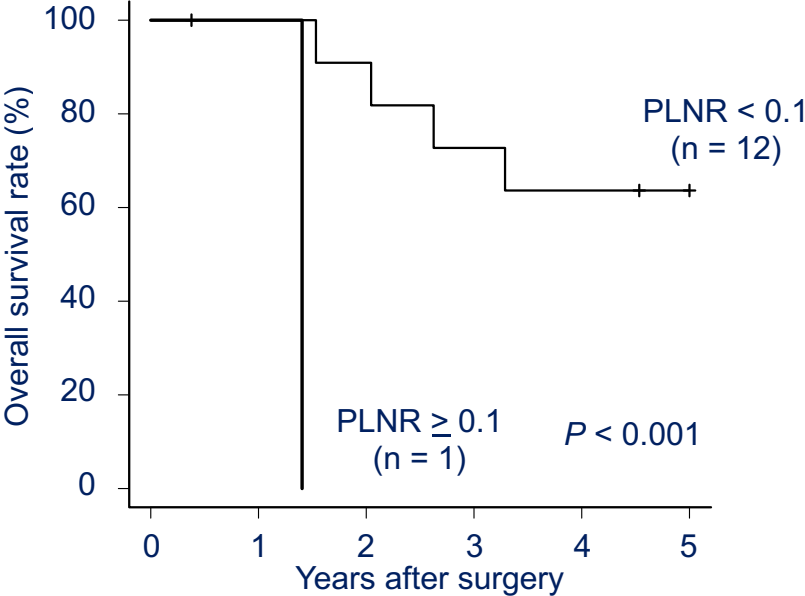
Supplemental Figure S2. Evaluation of the PLNR stratification of prognosis and detection of stage migration effects in each N-status according to a PLNR cut-off value of 0.2.

Supplemental Figure S3. Evaluation of the PLNR stratification of prognosis and detection of stage migration effects in each pStage according to a PLNR cut-off value of 0.1.

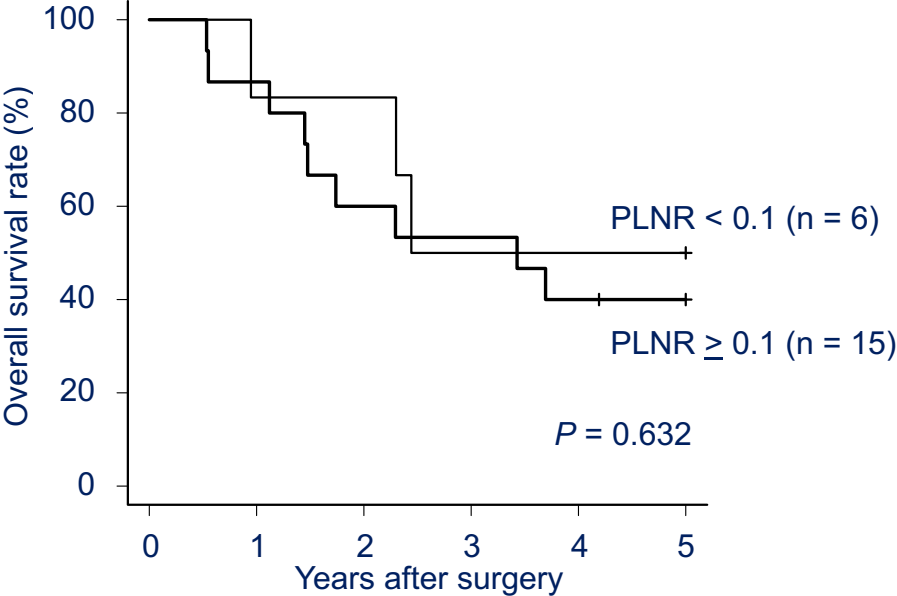
Supplemental Figure S4. Evaluation of the PLNR stratification of prognosis and detection of stage migration effects in each pStage according to a PLNR cut-off value of 0.2.

Supplemental Figure S1

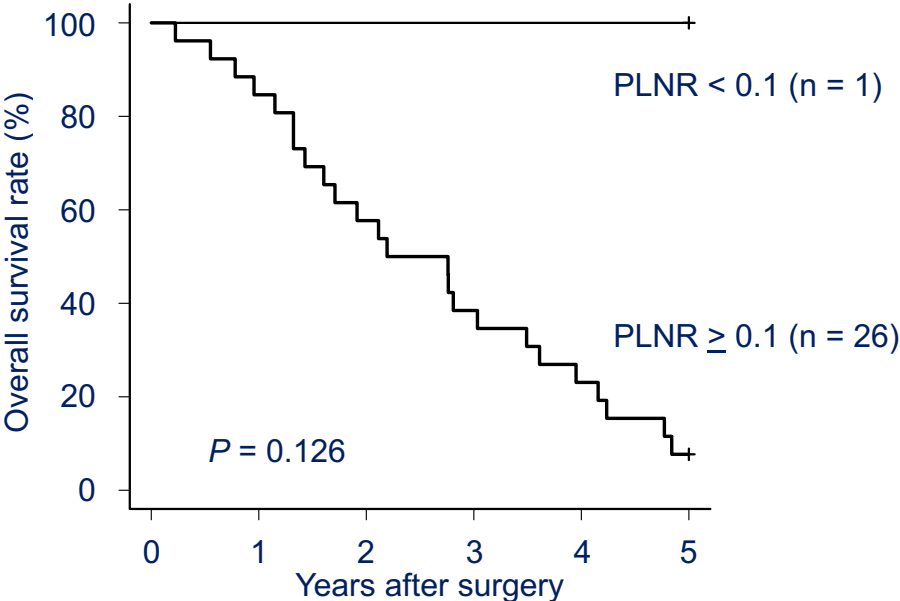
N1



N2

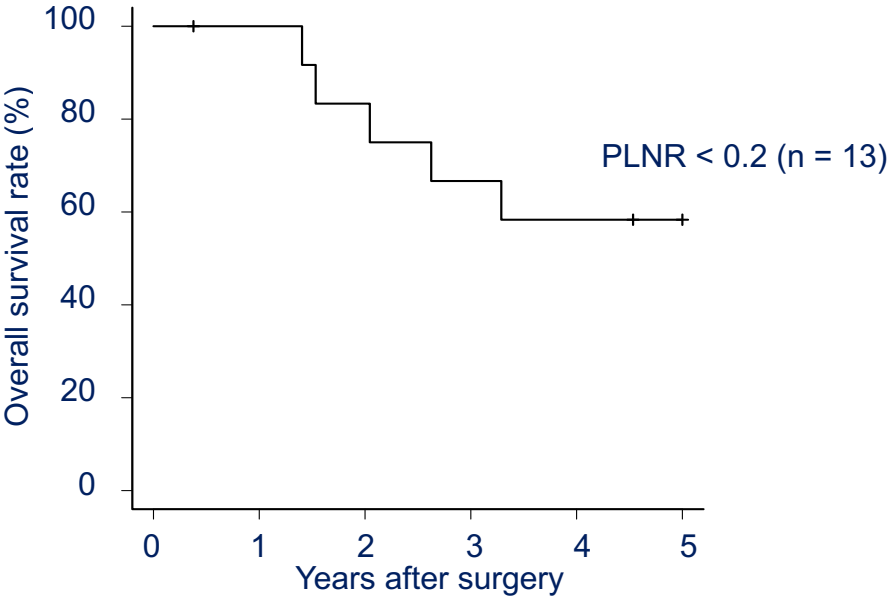


N3

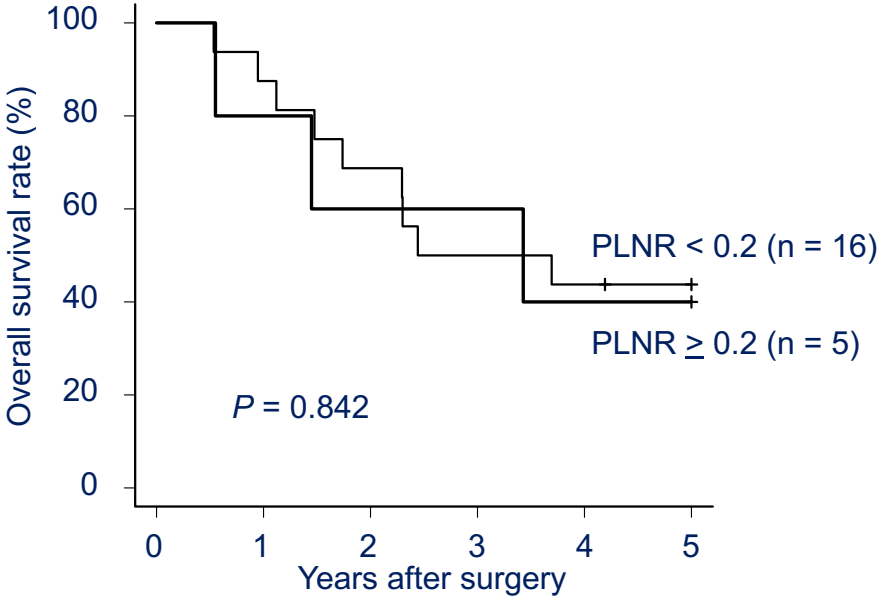


Supplemental Figure S2

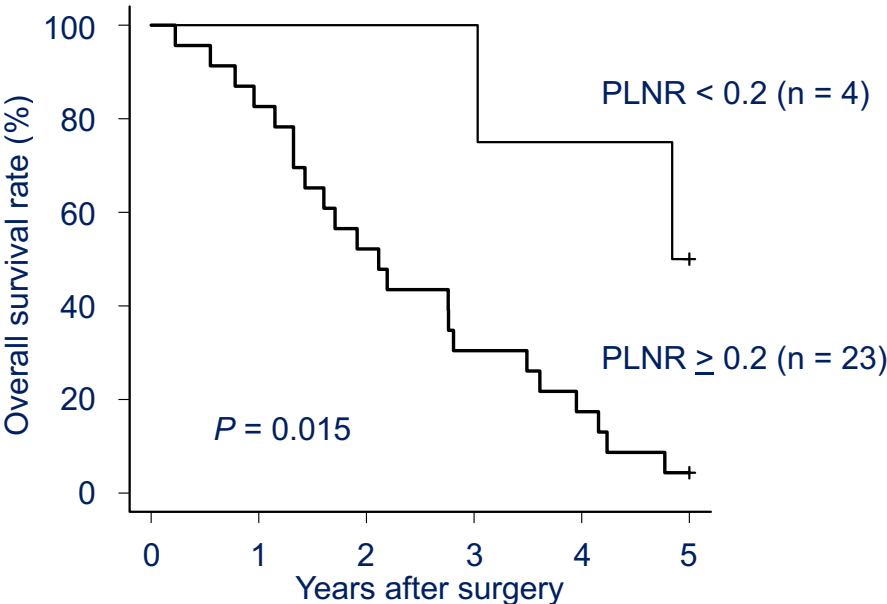
N1



N2

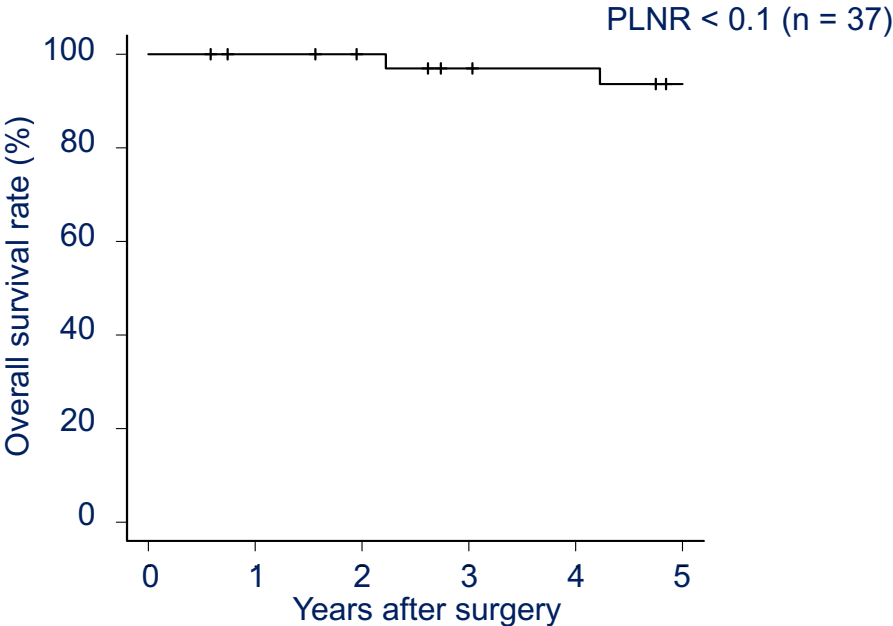


N3

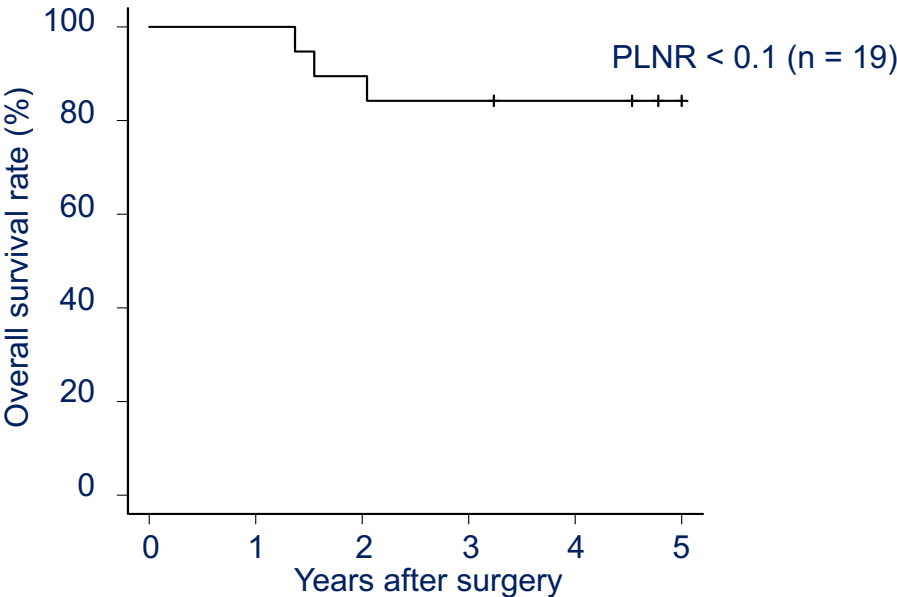


Supplemental Figure S3

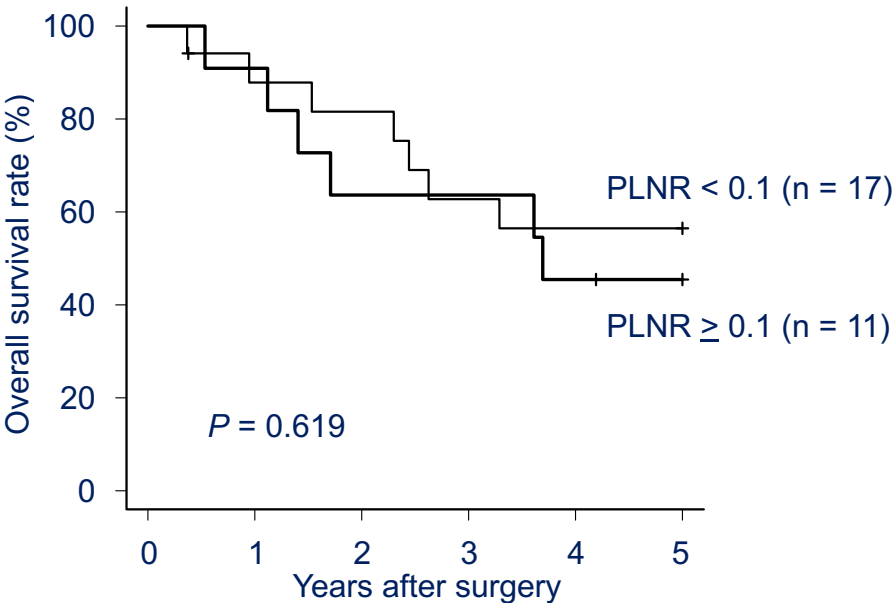
Stage I



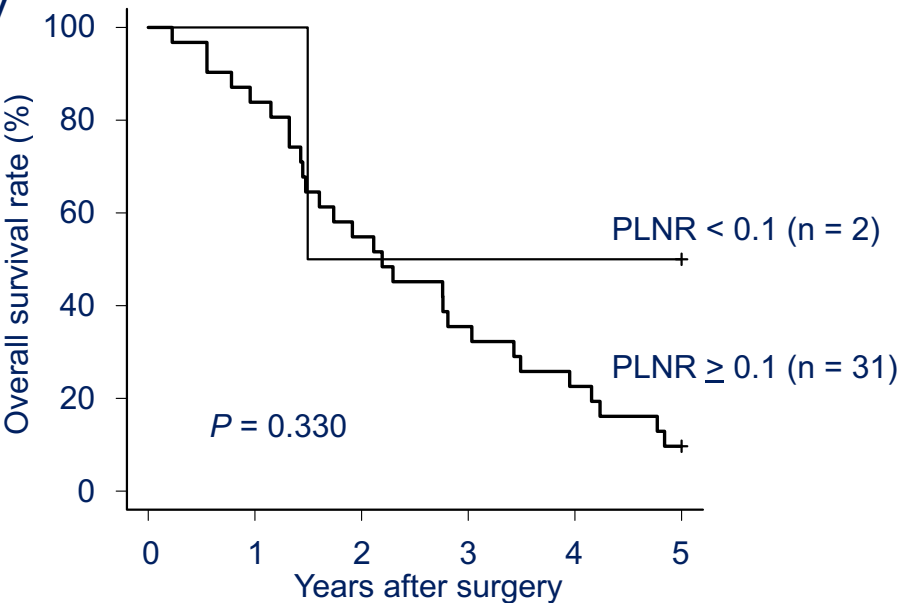
Stage II



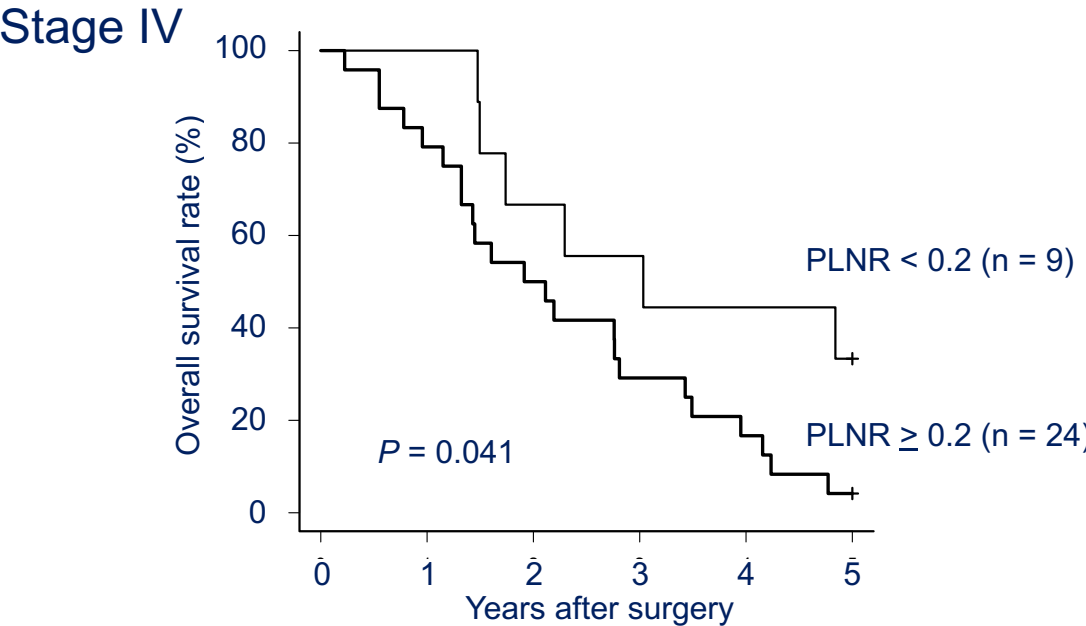
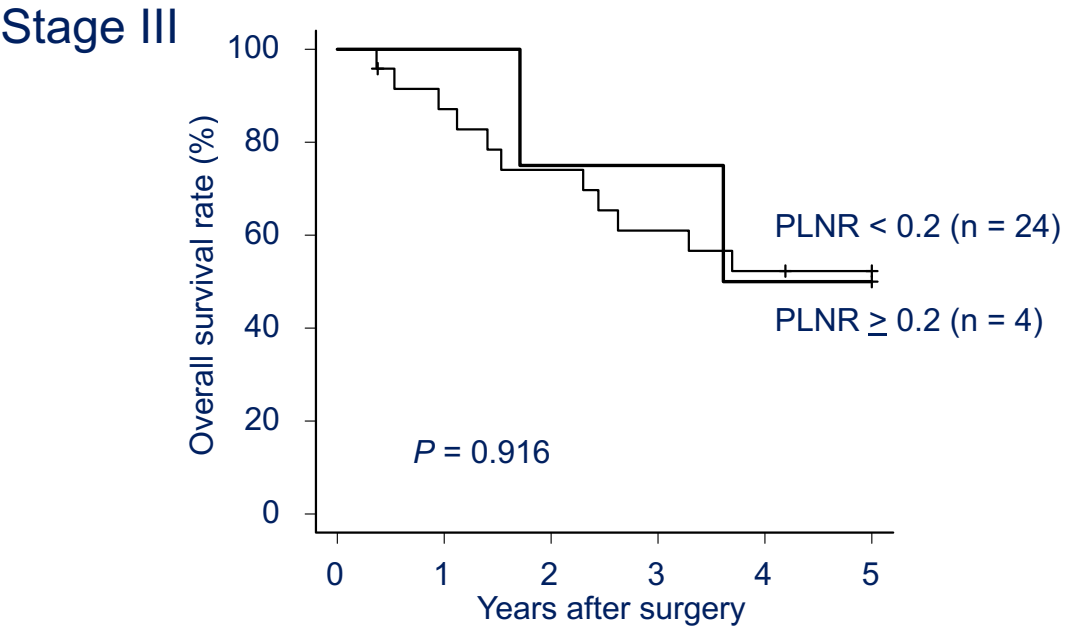
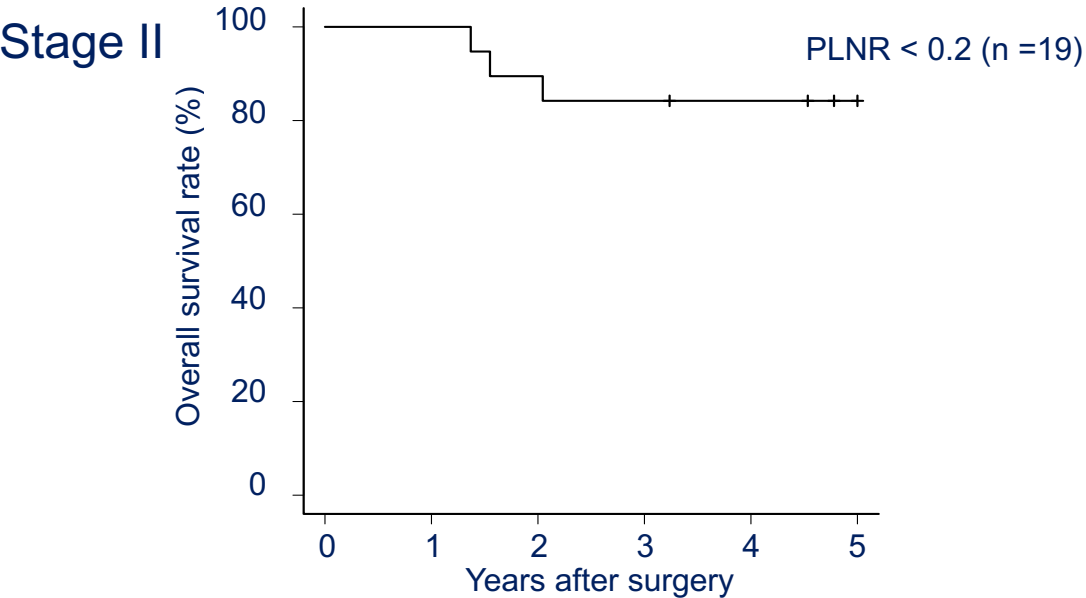
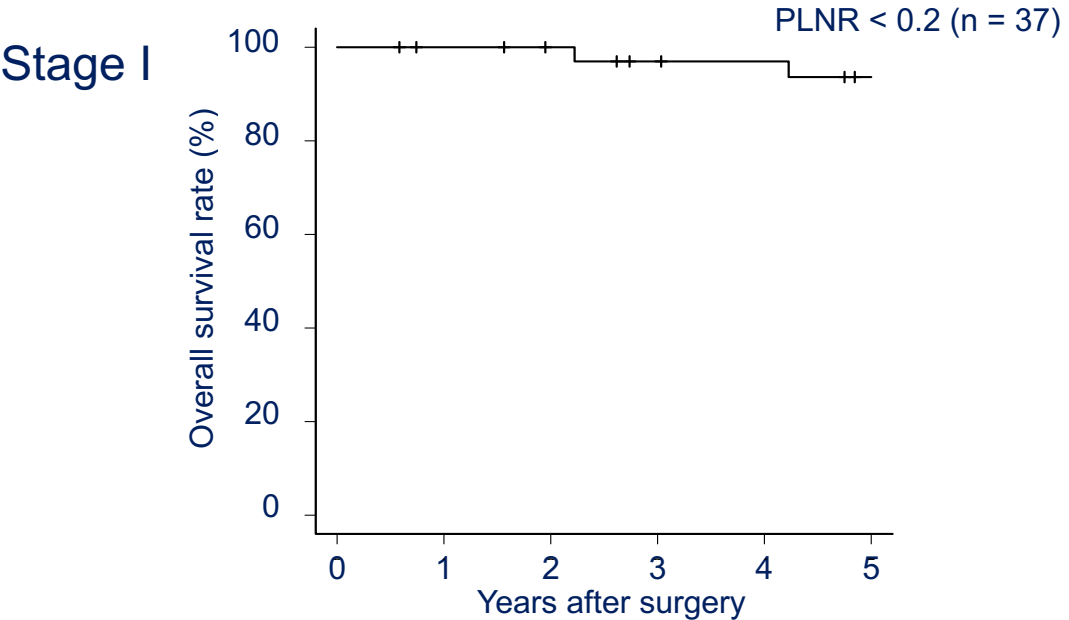
Stage III



Stage IV



Supplemental Figure S4



Supplementary Table S1: Average number of retrieved lymph nodes

Stage	N-number	Average number of retrieved lymph nodes
I	37 (31.6%)	23.0
II	19 (16.2%)	29.7
III	28 (23.9%)	36.1
IV	23 (28.2%)	37.0
Total	117 (100%)	31.2

Supplementary Table S2: Survival analysis according to each PLNR cut-off value

PLNR cut-off value			<i>P</i> -value (Log-rank test)	
<0.1	vs.	≥ 0.1	1.32 x 10 ⁻¹¹	< 0.0001
<0.2	vs.	≥ 0.2	4.79 x 10 ⁻¹¹	< 0.0001
<0.3	vs.	≥ 0.3	2.99 x 10 ⁻⁹	< 0.0001
<0.4	vs.	≥ 0.4	1.24 x 10 ⁻⁵	< 0.0001
<0.5	vs.	≥ 0.5	1.43 x 10 ⁻³	< 0.0001
<0.6	vs.	≥ 0.6	1.43 x 10 ⁻³	< 0.0001