Supplemental Table 1. Comparative analysis results between PUNLMP group and noninvasive LGPUC group after propensity score matching

	PUNLMP (n=53)	LGPUC (n=53)	p-value
Age, ≥60	38 (71.7%)	42 (79.2%)	0.197
Gender, male	41 (77.4%)	44 (83.0%)	0.353
GHU, yes	24 (45.3%)	28 (52.8%)	0.304
BMI, mean (SD)	24.06 (2.48)	24.19 (2.65)	0.664
1973 WHO classification, grade			1.000
1	53 (100%)	53 (100%)	
2	0 (0%)	0 (0%)	
Number			0.609
1	40 (75.5%)	37 (69.8%)	
2-7	12 (22.6%)	16 (30.2%)	
≥8	1(1.9%)	0 (0%)	
Size, cm			0.665
≥3	4 (7.5%)	6 (11.3%)	
Repeat TUR-BT, yes	0 (0%)	1 (1.9%)	1.000
Intravesical therapy, yes	1 (1.9%)	3 (5.7%)	0.644
Upper urinary tract recurrence, yes	0 (0%)	1 (1.9%)	1.000
Recurrence, yes	16 (30.2%)	33 (62.7%)	<0.001
Progression, yes	10 (18.9%)	13 (24.5%)	0.197
All cause death, yes	6 (11.3%)	8 (15.1%)	0.734
Cancer specific death, yes	0 (0%)	1 (1.9%)	1.000

Fig. S1. Kaplan-Meier survival curves for (A) recurrence-free survival (RFS) and (B) progression-free survival (PFS) for patients with grade 1 and grade 2 papillary urothelial carcinoma according to the 1973 WHO classification system

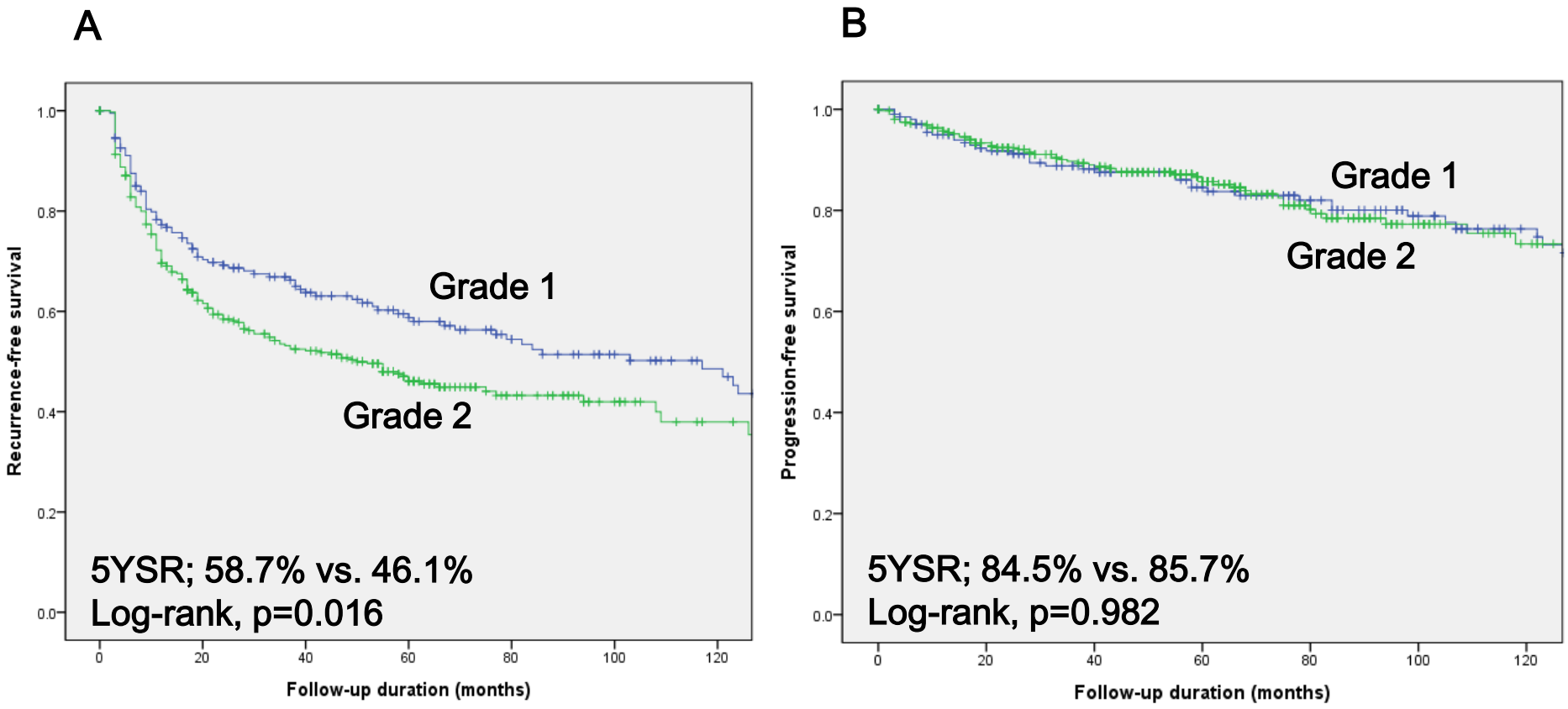
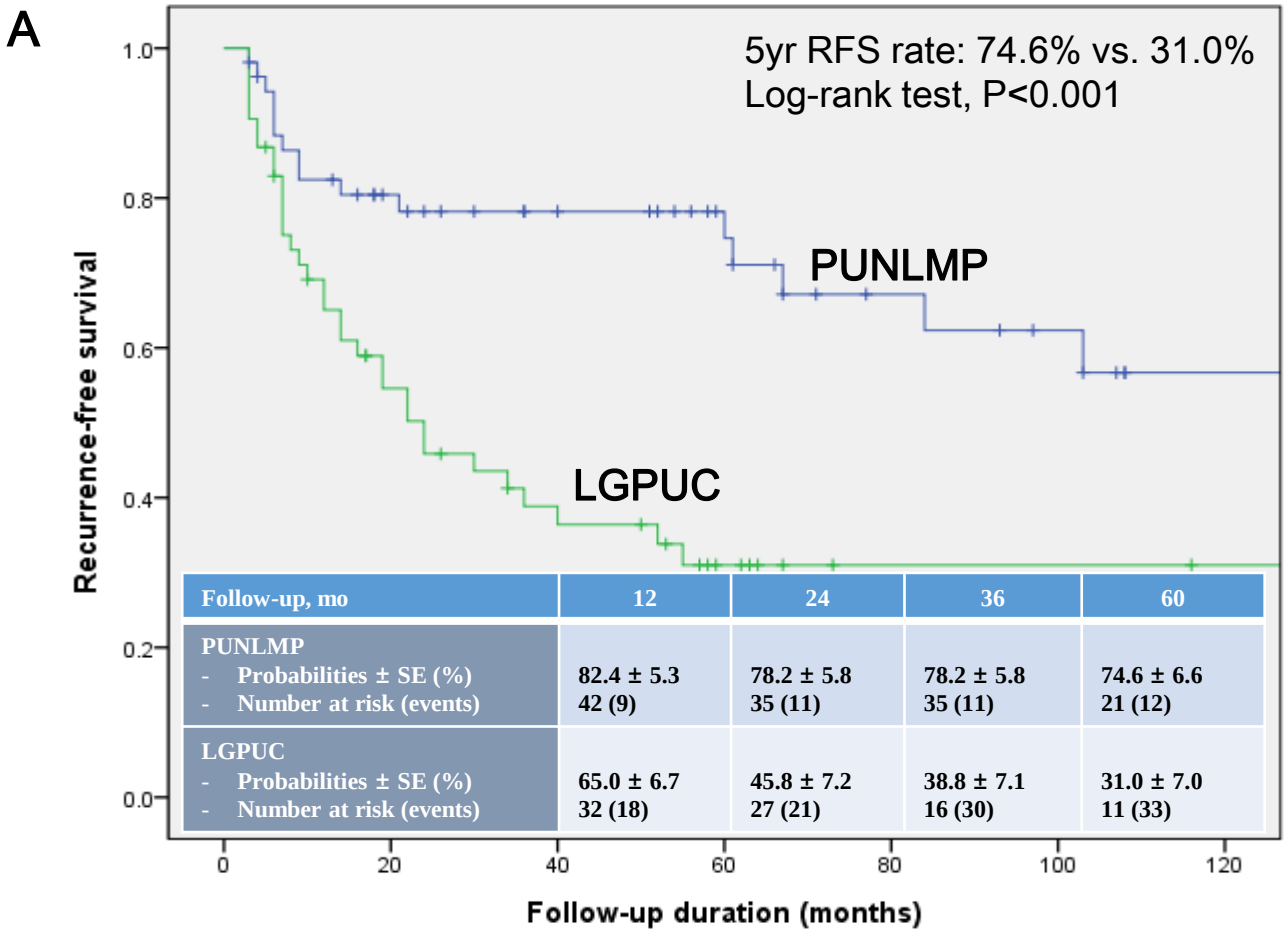
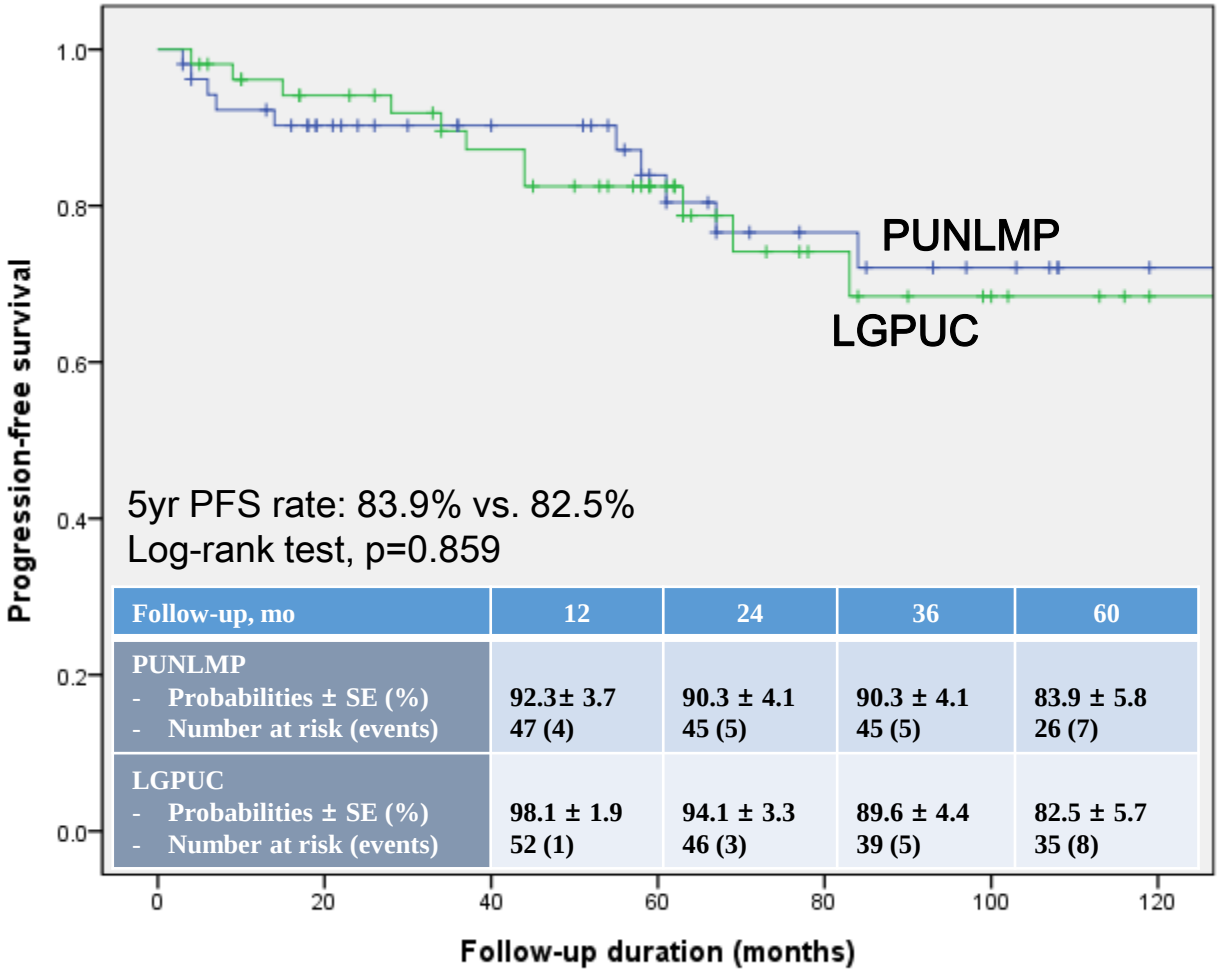


Fig. S2. Kaplan-Meier survival curves for (A) recurrence-free survival (RFS) and (B) progression-free survival (PFS), and (C) overall survival for patients with papillary urothelial neoplasm of low malignant potential (PUNLMP) and noninvasive low-grade papillary urothelial carcinoma (noninvasive LGPUC) according to the 2004 WHO/ISUP classification system after propensity score matching



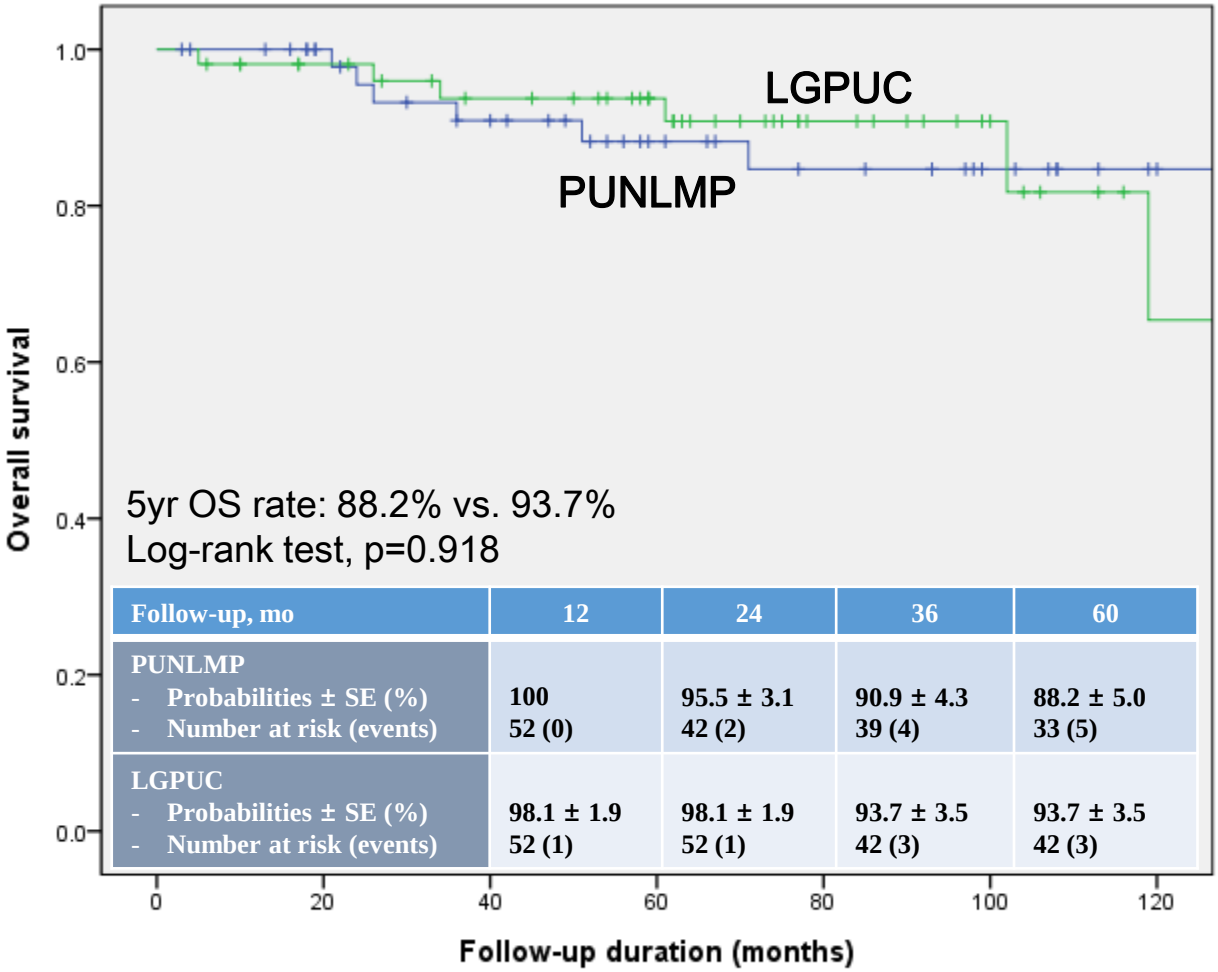
Follow-up, mo	12	24	36	60
PUNLMP				
- Probabilities ± SE (%)	82.4 ± 5.3	78.2 ± 5.8	78.2 ± 5.8	74.6 ± 6.6
- Number at risk (events)	42 (9)	35 (11)	35 (11)	21 (12)
LGPUC				
- Probabilities ± SE (%)	65.0 ± 6.7	45.8 ± 7.2	38.8 ± 7.1	31.0 ± 7.0
- Number at risk (events)	32 (18)	27 (21)	16 (30)	11 (33)

B



Follow-up, mo	12	24	36	60
PUNLMP - Probabilities ± SE (%) - Number at risk (events)	92.3± 3.7 47 (4)	90.3 ± 4.1 45 (5)	90.3 ± 4.1 45 (5)	83.9 ± 5.8 26 (7)
LGPUC - Probabilities ± SE (%) - Number at risk (events)	98.1 ± 1.9 52 (1)	94.1 ± 3.3 46 (3)	89.6 ± 4.4 39 (5)	82.5 ± 5.7 35 (8)

C



5yr OS rate: 88.2% vs. 93.7%
Log-rank test, p=0.918

Follow-up, mo	12	24	36	60
PUNLMP				
- Probabilities ± SE (%)	100	95.5 ± 3.1	90.9 ± 4.3	88.2 ± 5.0
- Number at risk (events)	52 (0)	42 (2)	39 (4)	33 (5)
LGPUC				
- Probabilities ± SE (%)	98.1 ± 1.9	98.1 ± 1.9	93.7 ± 3.5	93.7 ± 3.5
- Number at risk (events)	52 (1)	52 (1)	42 (3)	42 (3)