

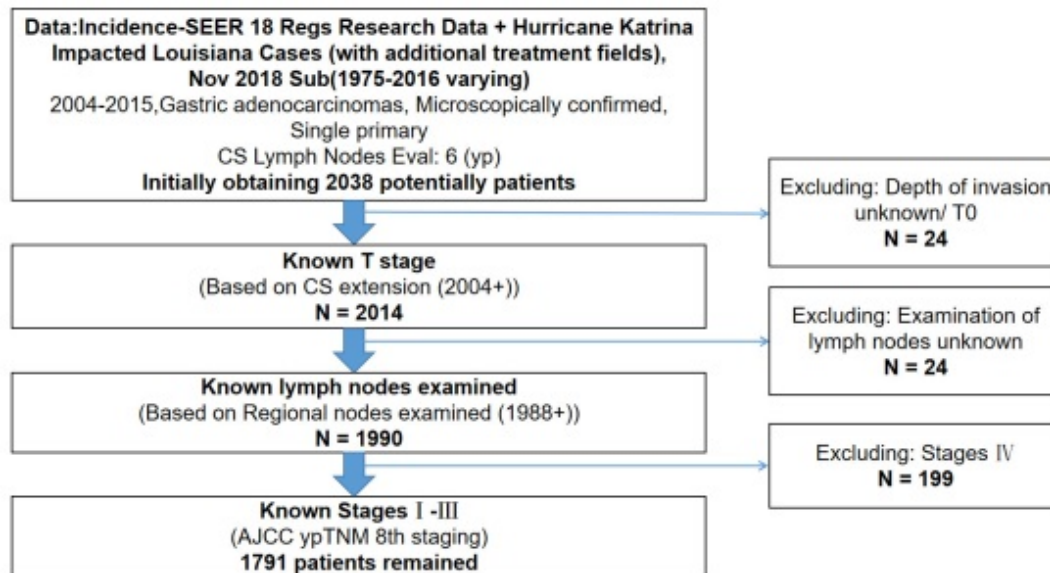
Supplemental Figures for:
Modified ypTNM Staging Classification for Gastric Cancer after Neoadjuvant Therapy: A Multi-institutional Study
Chang-ming Huang et al.

Supplemental Fig. 1. Comparison of the AJCC 8th ypTNM staging system with the AJCC 7th pTNM staging system.

ypTNM staging (AJCC 8th)					pTNM staging (AJCC 7th)				
	N0	N1	N2	N3		N0	N1	N2	N3
T1	I	I	II	II	T1	IA	IB	IIA	IIB
T2	I	II	II	III	T2	IB	IIA	IIB	IIIA
T3	II	II	III	III	T3	IIA	IIB	IIIA	IIIB
T4a	II	III	III	III	T4a	IIB	IIIA	IIIB	IIIC
T4b	III	III	III	III	T4b	IIIA	IIIB	IIIC	IIIC

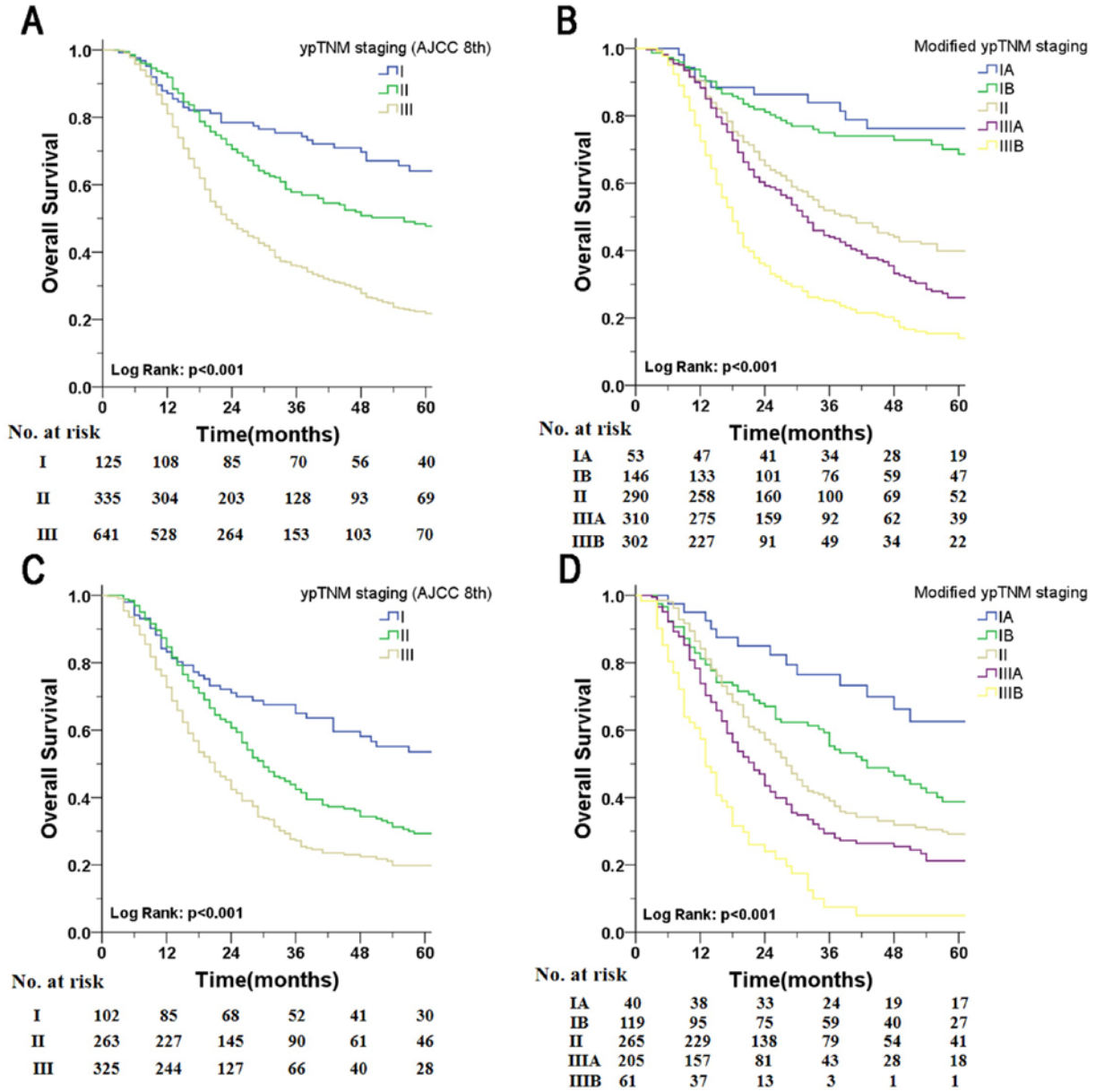
Supplemental Fig. 1. Comparison of the AJCC 8th ypTNM staging system with the AJCC 7th pTNM staging system.

Supplemental Fig. 2. Development cohort selection from the SEER registry.



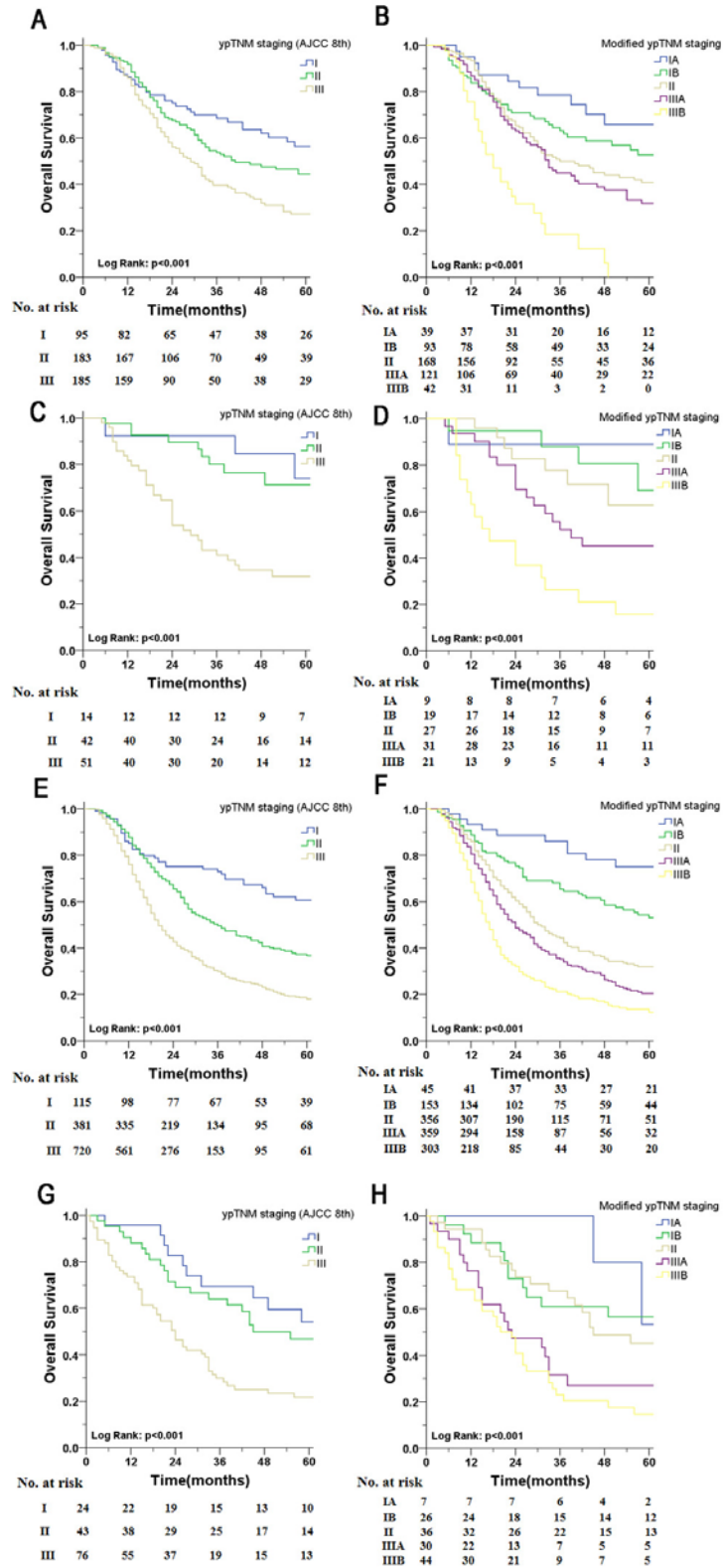
Supplemental Fig. 2. Development cohort selection from the SEER registry.

Supplemental Fig. 3. Kaplan-Meier survival curves of the different staging systems for patients after neoadjuvant therapy in the development cohort, stratified by adequate lymph nodes (≥ 15): (A) the AJCC 8th ypTNM staging system and (B) the modified ypTNM staging system; inadequate lymph nodes (< 15): (C) the AJCC 8th ypTNM staging system, and (D) the modified ypTNM staging system.



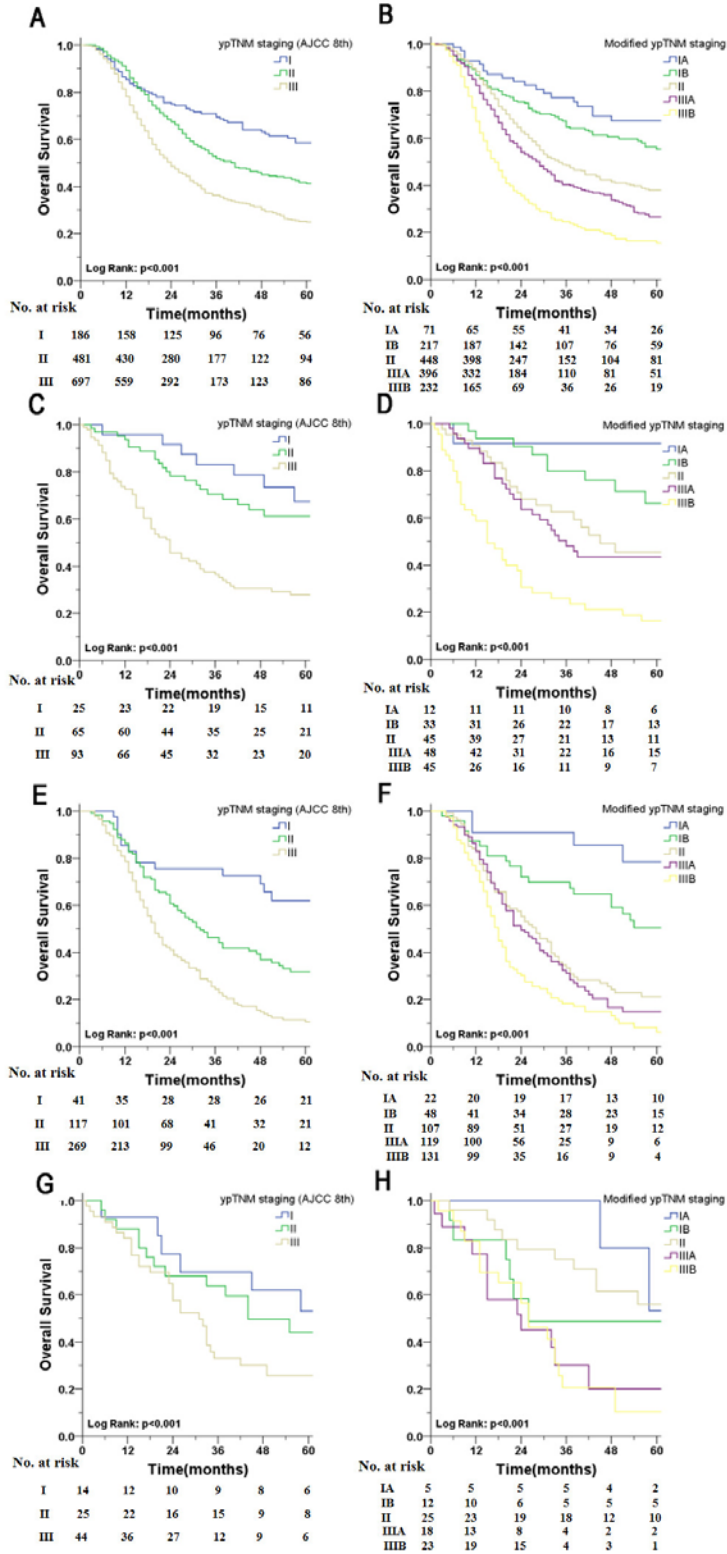
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Supplemental Fig. 4. Kaplan-Meier survival curves of different staging systems for patients after neoadjuvant therapy, stratified by low grade: (A) the AJCC 8th ypTNM staging system and (B) the modified ypTNM staging system in the development cohort; (C) the AJCC 8th ypTNM staging system and (D) the modified ypTNM staging system in the validation cohort; high grade: (E) the AJCC 8th ypTNM staging system and (F) the modified ypTNM staging system in the development cohort; (G) the AJCC 8th ypTNM staging system and (H) the modified ypTNM staging system in the validation cohort.



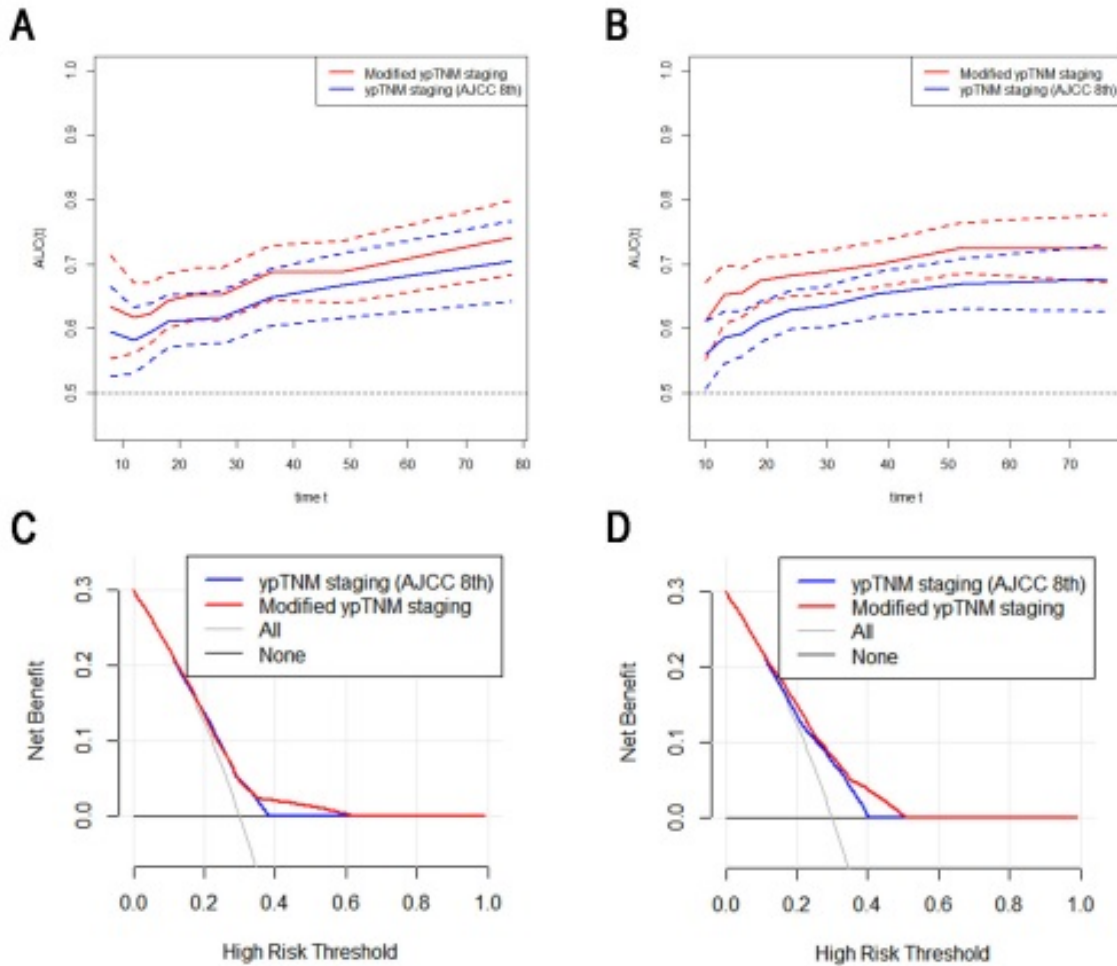
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Supplemental Fig. 5. Kaplan-Meier survival curves of the different staging systems for patients after neoadjuvant therapy, stratified by general type: (A) the AJCC 8th ypTNM staging system and (B) the modified ypTNM staging system in the development cohort; (C) the AJCC 8th ypTNM staging system and (D) the modified ypTNM staging system in the validation cohort; special type: (E) the AJCC 8th ypTNM staging system and (F) the modified ypTNM staging system in the development cohort; (G) the AJCC 8th ypTNM staging system and (H) the modified ypTNM staging system in the validation cohort.



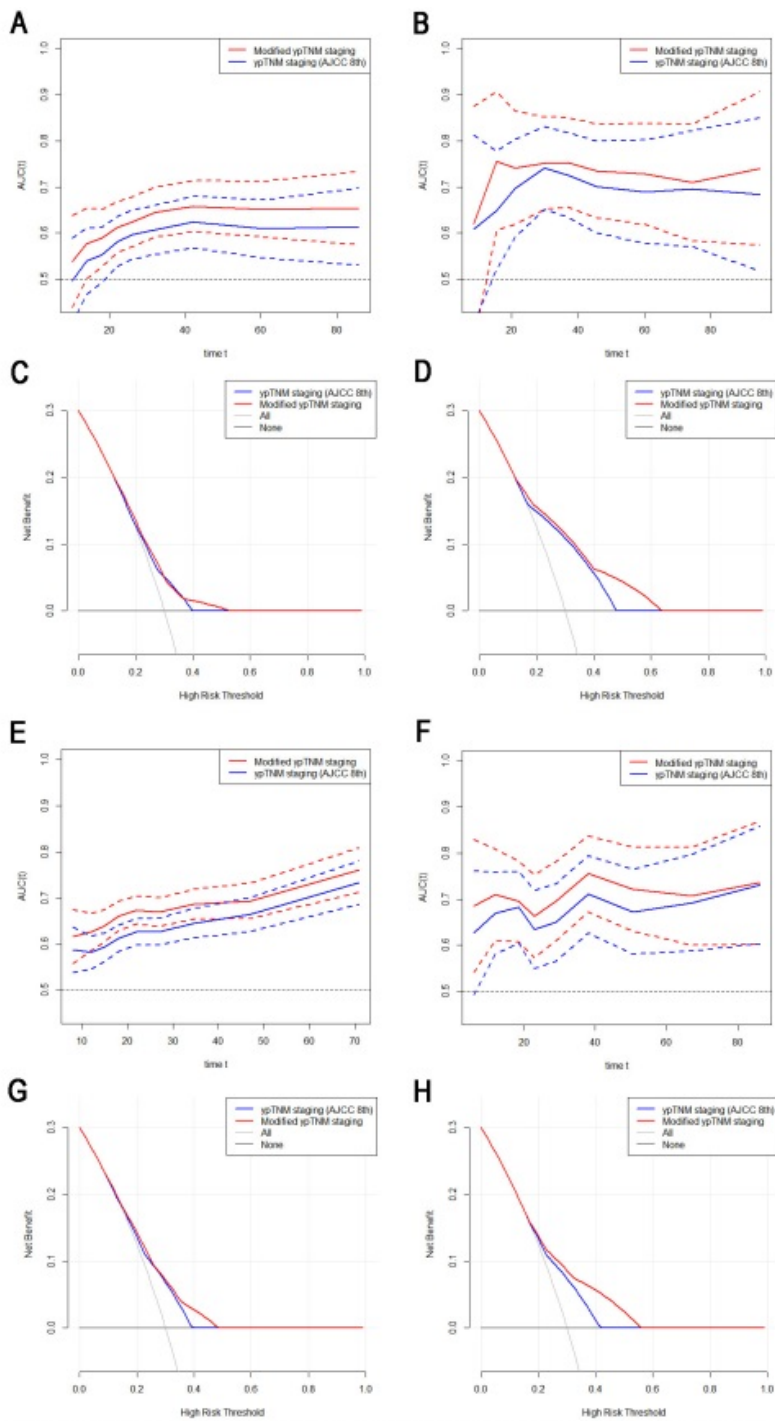
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Supplemental Fig. 6. Time-dependent ROC curves for the AJCC 8th ypTNM staging system and the modified ypTNM staging system in the development cohort: (A) inadequate lymph nodes (<15) retrieved and (B) adequate lymph nodes (≥ 15) retrieved. Decision curve analysis (DCA) for overall survival after surgery in the development cohort: (C) inadequate lymph nodes (<15) retrieved and (D) adequate lymph nodes (≥ 15) retrieved.



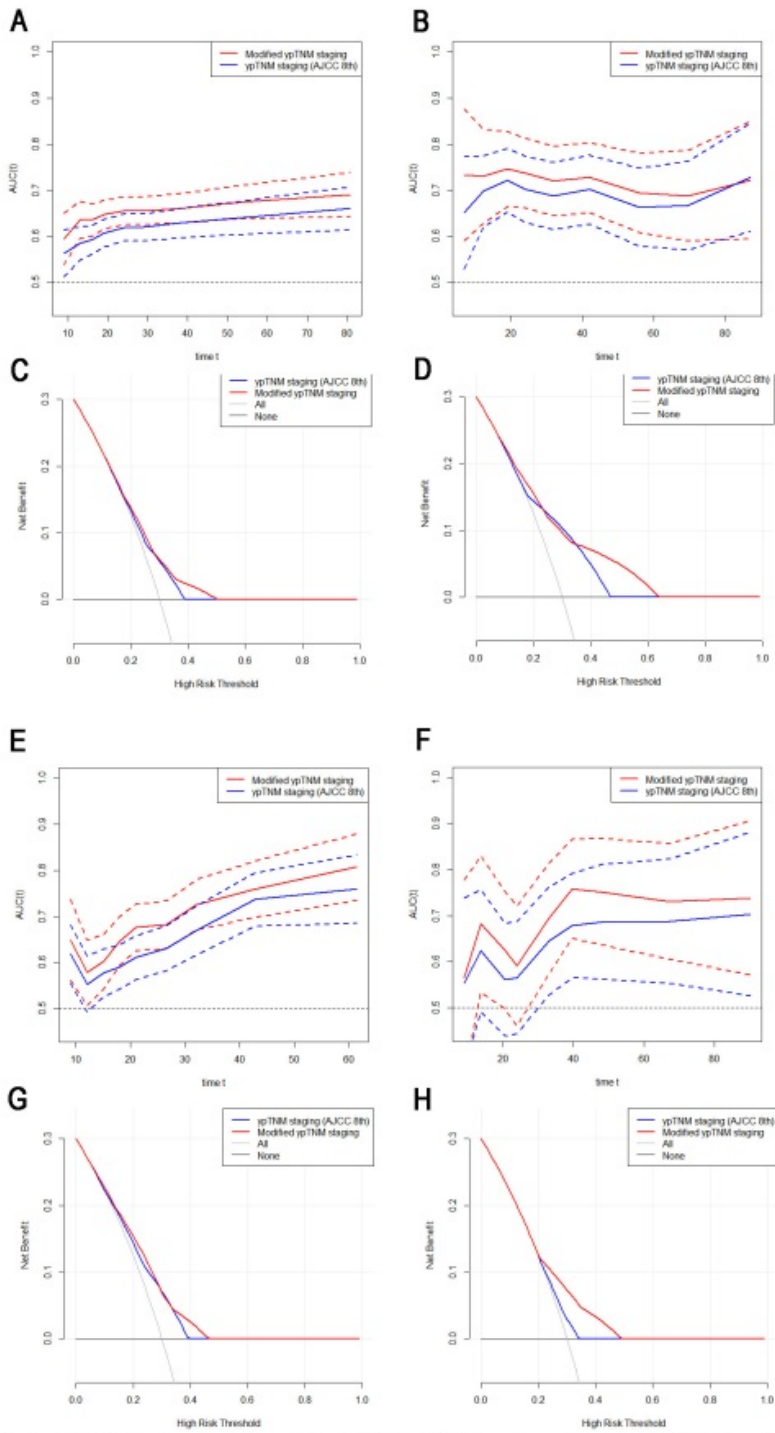
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Supplemental Fig. 7. Time-dependent ROC curves for the AJCC 8th ypTNM staging system and the modified ypTNM staging system for patients with low-grade tumors in (A) the development cohort and (B) the validation cohort. Decision curve analysis (DCA) for overall survival after surgery for patients with low-grade tumors in (C) the development cohort and (D) the validation cohort. Time-dependent ROC curves for the AJCC 8th ypTNM staging system and the modified ypTNM staging system for patients with high-grade tumors in (E) the development cohort and (F) the validation cohort. Decision curve analysis (DCA) for overall survival after surgery for patients with high-grade tumors in (G) the development cohort and (H) the validation cohort.



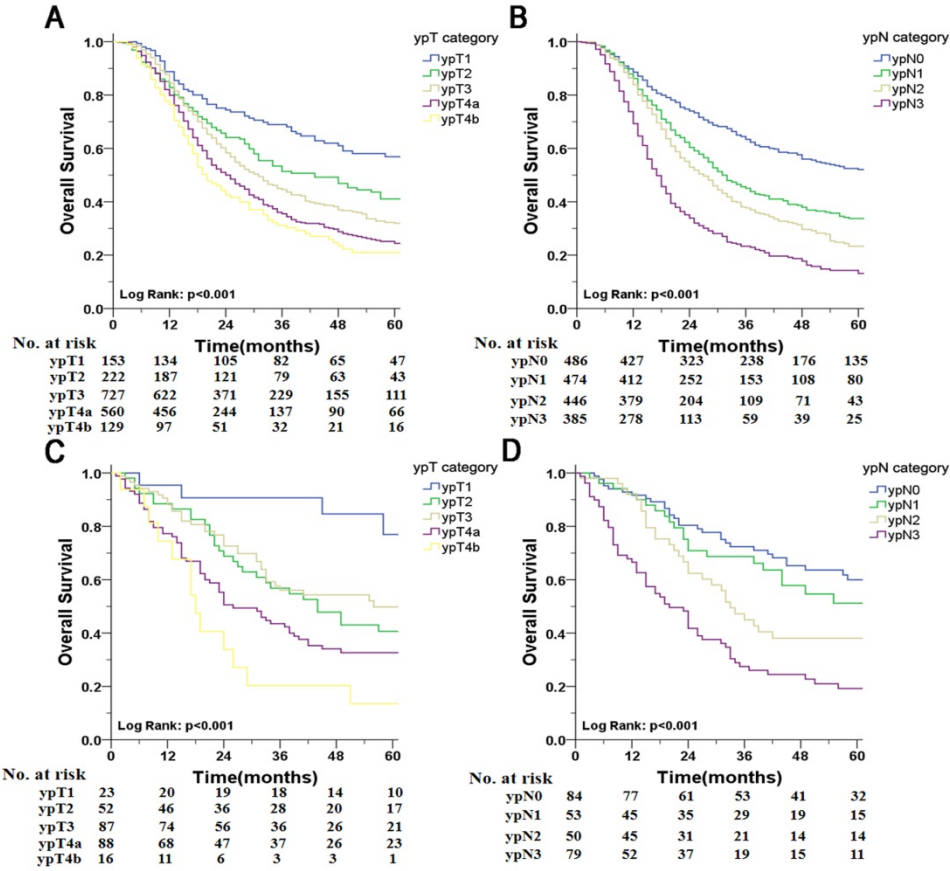
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Supplemental Fig. 8. Time-dependent ROC curves for the AJCC 8th ypTNM staging system and the modified ypTNM staging system for patients with general histological types in (A) the development cohort and (B) the validation cohort. Decision curve analysis (DCA) for overall survival after surgery for patients with general histological types in (C) the development cohort and (D) the validation cohort. Time-dependent ROC curves for the AJCC 8th ypTNM staging system and the modified ypTNM staging system for patients with special histological types in (E) the development cohort and (F) the validation cohort. Decision curve analysis (DCA) for overall survival after surgery for patients with special histological types in (G) the development cohort and (H) the validation cohort.



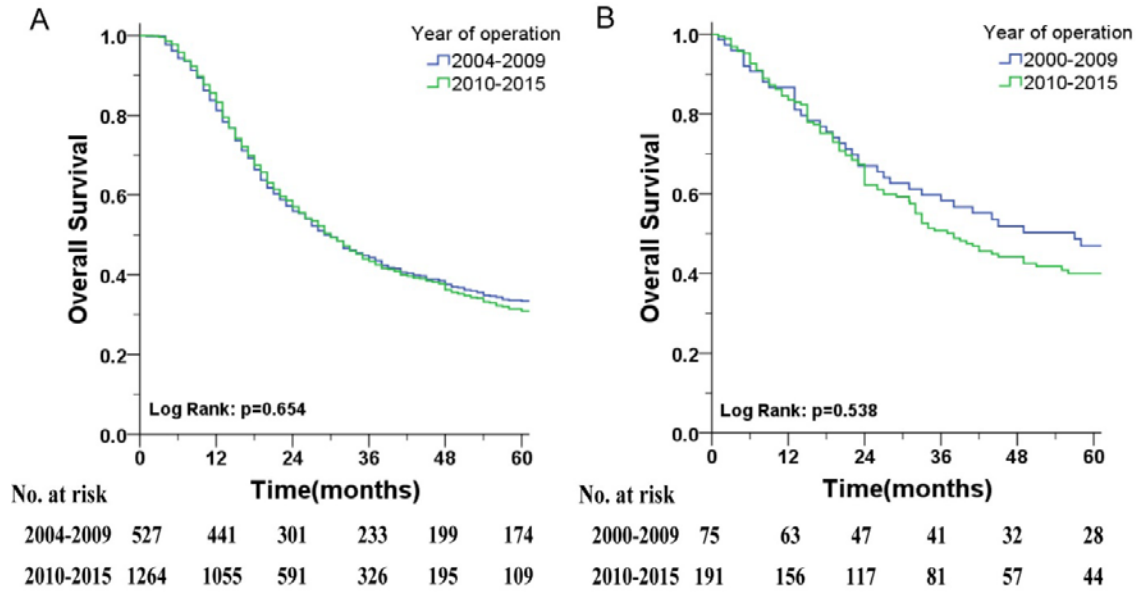
Supplemental Fig. 8. Time-dependent ROC curves for the AJCC 8th ypTNM staging system and the modified ypTNM staging system for patients with general histological types in (A) the development cohort and (B) the validation cohort. Decision curve analysis (DCA) for overall survival after surgery for patients with general histological types in (C) the development cohort and (D) the validation cohort. Time-dependent ROC curves for the AJCC 8th ypTNM staging system and the modified ypTNM staging system for patients with special histological types in (E) the development cohort and (F) the validation cohort. Decision curve analysis (DCA) for overall survival after surgery for patients with special histological types in (G) the development cohort and (H) the validation cohort.

Supplemental Fig. 9. Kaplan-Meier survival curves for patients after neoadjuvant therapy in the development cohort, stratified by (A) ypT stage and (B) ypN stage; Kaplan-Meier survival curves for patients after neoadjuvant therapy in the validation cohort, stratified by (C) ypT stage and (D) ypN stage.



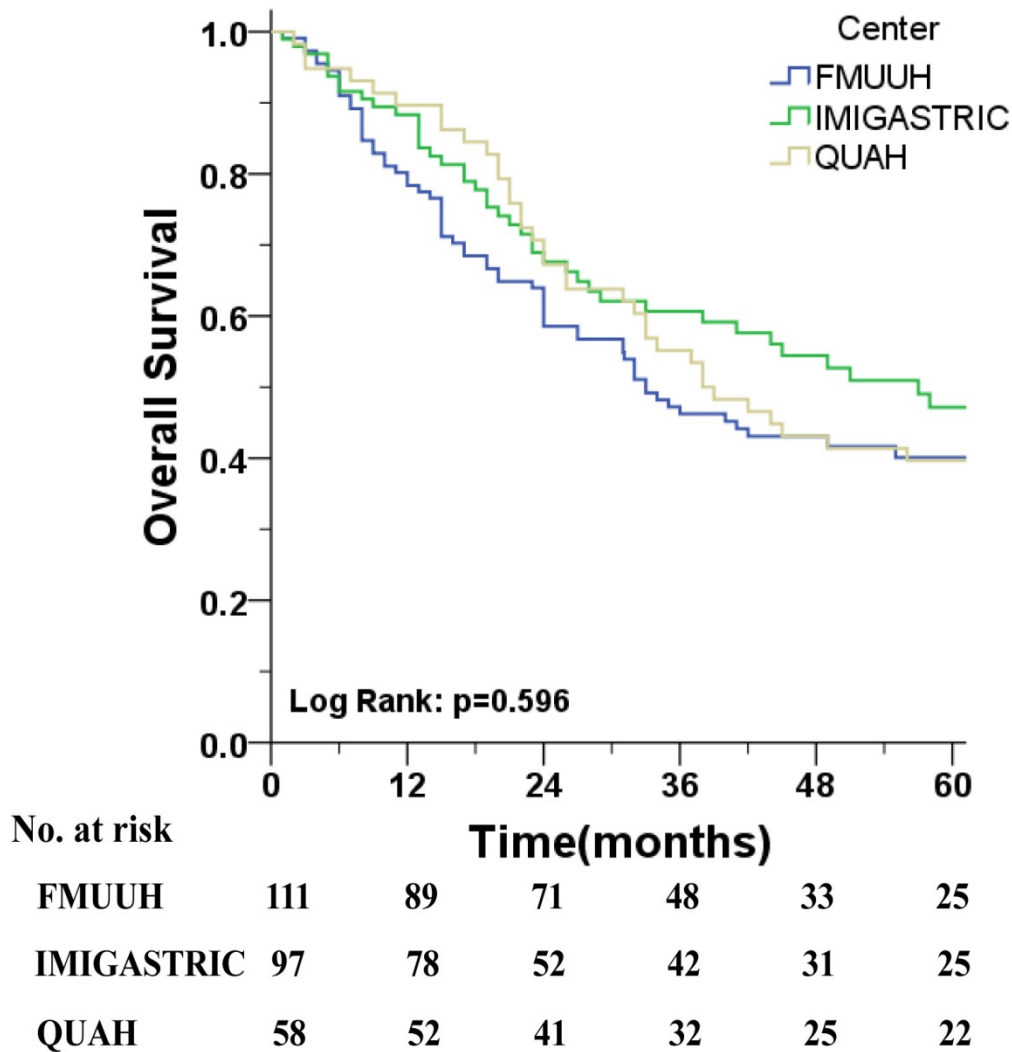
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Supplemental Fig. 10. Kaplan-Meier survival curves for patients after neoadjuvant therapy according to the year of operation (A) in the development cohort, and (B) in the validation cohort.



Supplemental Fig. 10. Kaplan-Meier survival curves for patients after neoadjuvant therapy according to the year of operation (A) in the development cohort, and (B) in the validation cohort.

Supplemental Fig. 11. Kaplan-Meier survival curves for patients after neoadjuvant therapy according to the treatment center.



Supplemental Fig. 11. Kaplan-Meier survival curves for patients after neoadjuvant therapy according to the treatment center.