Figure S1 ROC analysis for optimal cut-off value of MLR according to cancer-specific mortality of UTUC. ROC: receiver operating characteristic; MLR: monocyte-to-lymphocyte ratio; UTUC: upper tract urothelial carcinoma; AUC: area under curve.

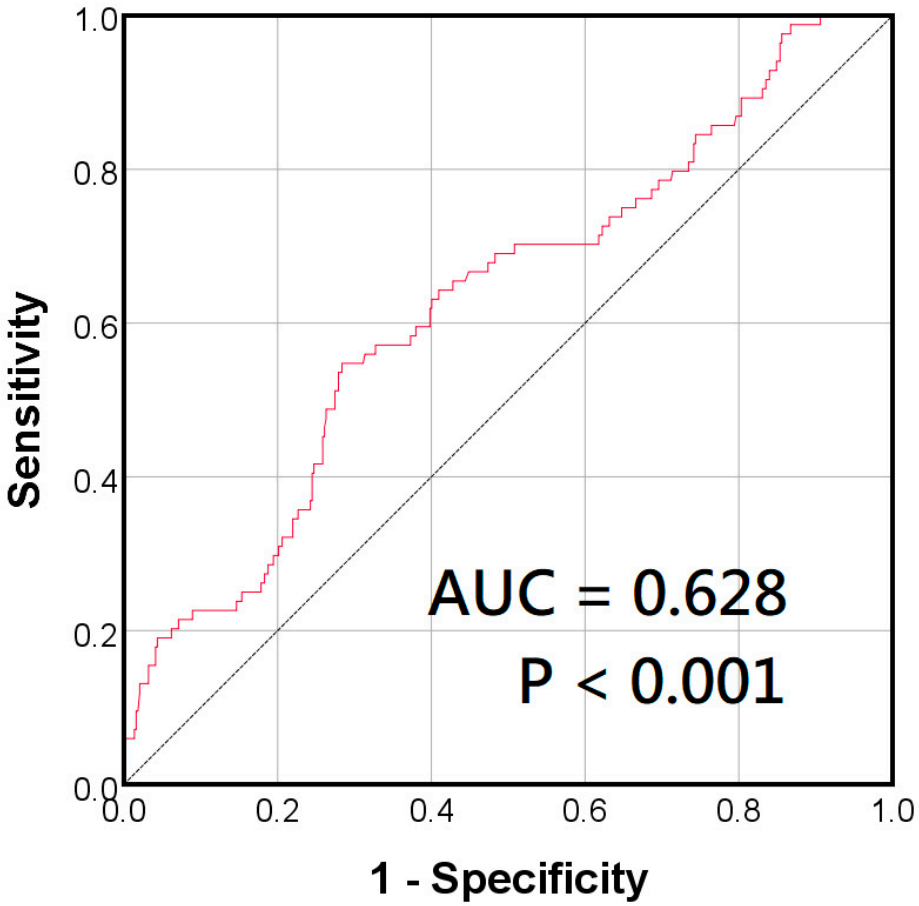


Figure S2 Comparison of preoperative MLR values in UTUC patients without versus with tumor necrosis.

UTUC: upper tract urothelial carcinoma; MLR: Monocyte-to-lymphocyte ratio.

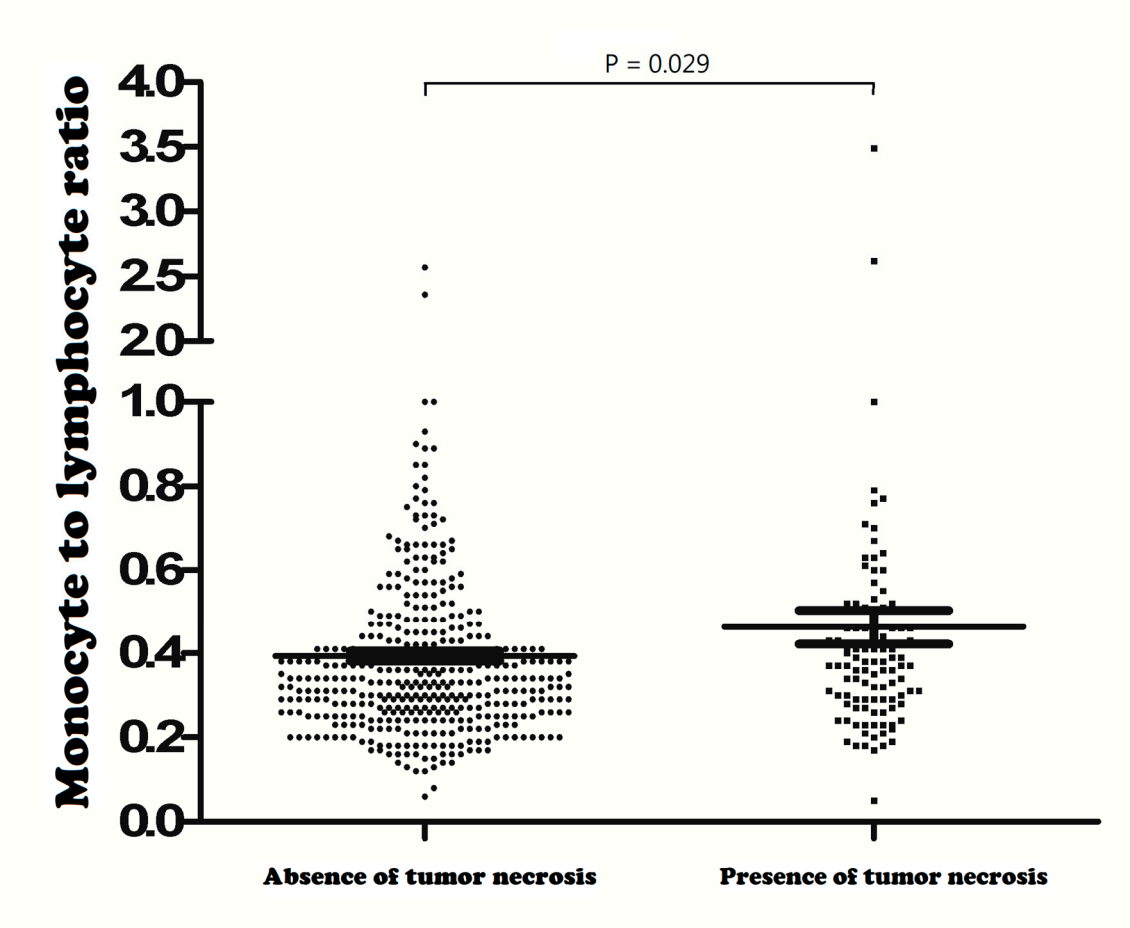


Figure S3 Kaplan-Meier survival curves for overall survival (A), cancer-specific survival (B), and recurrence-free survival (C) in UTUC patients according to preoperative MLR (high-level versus low-level). UTUC: upper tract urothelial carcinoma; MLR: monocyte-to-lymphocyte ratio.

