

S4 Table. Comparison of the published nomogram for predicting pathologic complete response in esophageal cancer.

Study	Country	No.	Histology	pCR rate	Parameters included in the nomogram	AUROC/C-index
Ajani et al. [1]	USA	322	6.2% SCC and 93.8% AC	21.7%	Sex Baseline T stage Histologic grade Post-CRT SUV Post-CRT biopsy result	0.72
Toxopeus et al. [2]	The Netherlands	381	23.4% SCC and 76.6% AC	27.6%	Sex Histology Histologic grade Baseline T stage	0.69
Chao et al. [3]	Taiwan	274 ^{a)}	100% SCC	25.8%	Age Primary tumor length Previous head and neck cancer history Post-CRT EGD finding + biopsy result Post-CRT albumin level	0.83
Current study	China	306	100% SCC	40.5%	Sex Chemotherapy regimen Post-CRT EGD finding Pre-CRT NLR ALC nadir during CRT Post-CRT PLR	0.75

pCR, pathologic complete response; AUROC, area under the receiver operating characteristic curve; C-index, concordance index; SCC, squamous cell carcinoma; AC, adenocarcinoma; CRT, chemoradiotherapy; SUV, standardized unit value; EGD, esophagogastroduodenoscopy; NLR, neutrophil to lymphocyte ratio; ALC, absolute lymphocyte count, PLR, platelet to lymphocyte ratio. ^{a)}A total of 274 patients in the training set and 118 in the validation set, respectively.

References

1. Ajani JA, Correa AM, Hofstetter WL, Rice DC, Blum MA, Suzuki A, et al. Clinical parameters model for predicting pathologic complete response following preoperative chemoradiation in patients with esophageal cancer. *Ann Oncol.* 2012;23:2638-42.
2. Toxopeus EL, Nieboer D, Shapiro J, Biermann K, van der Gaast A, van Rij CM, et al. Nomogram for predicting pathologically complete response after neoadjuvant chemoradiotherapy for oesophageal cancer. *Radiother Oncol.* 2015;115:392-8.
3. Chao YK, Chang HK, Tseng CK, Liu YH, Wen YW. Development of a nomogram for the prediction of pathological complete response after neoadjuvant chemoradiotherapy in patients with esophageal squamous cell carcinoma. *Dis Esophagus.* 2017;30:1-8