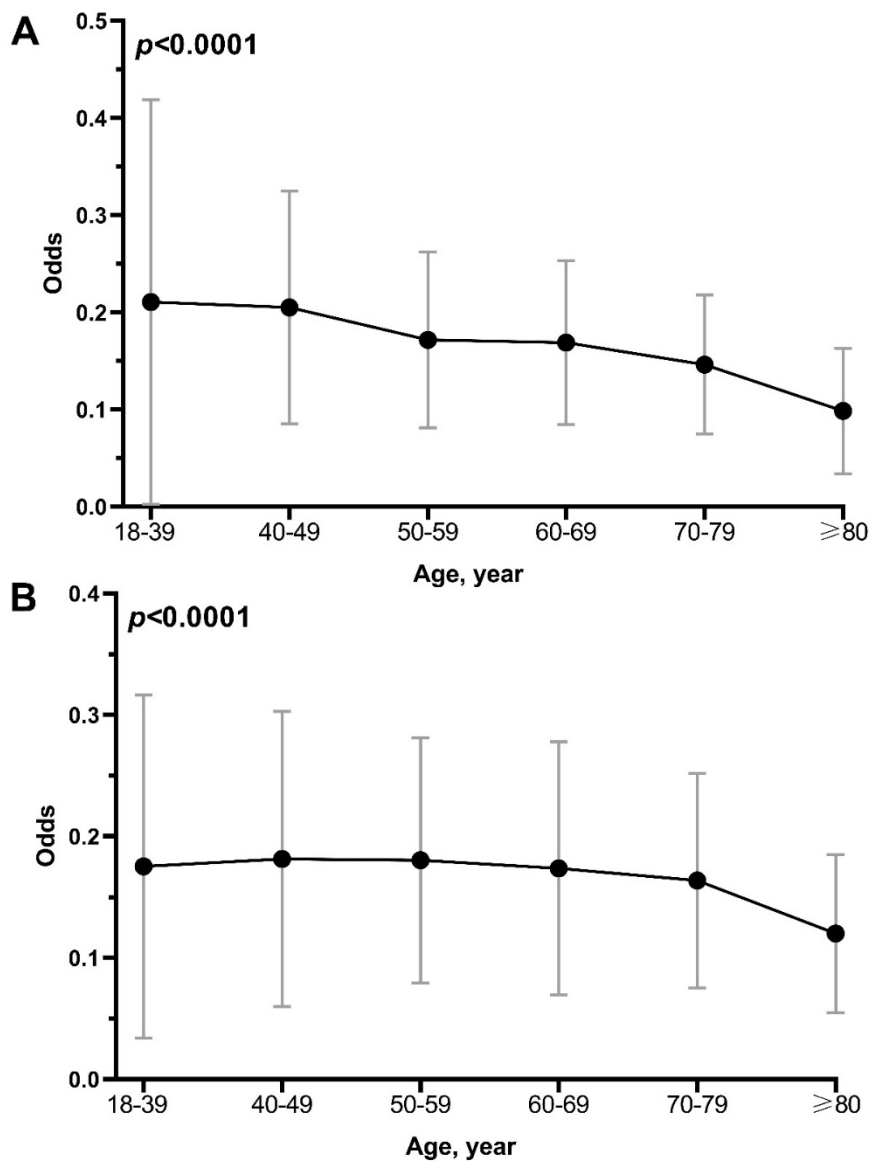


Supplementary table 1. Baseline characters of early gastric cancers by age at diagnosis of dataset 1.

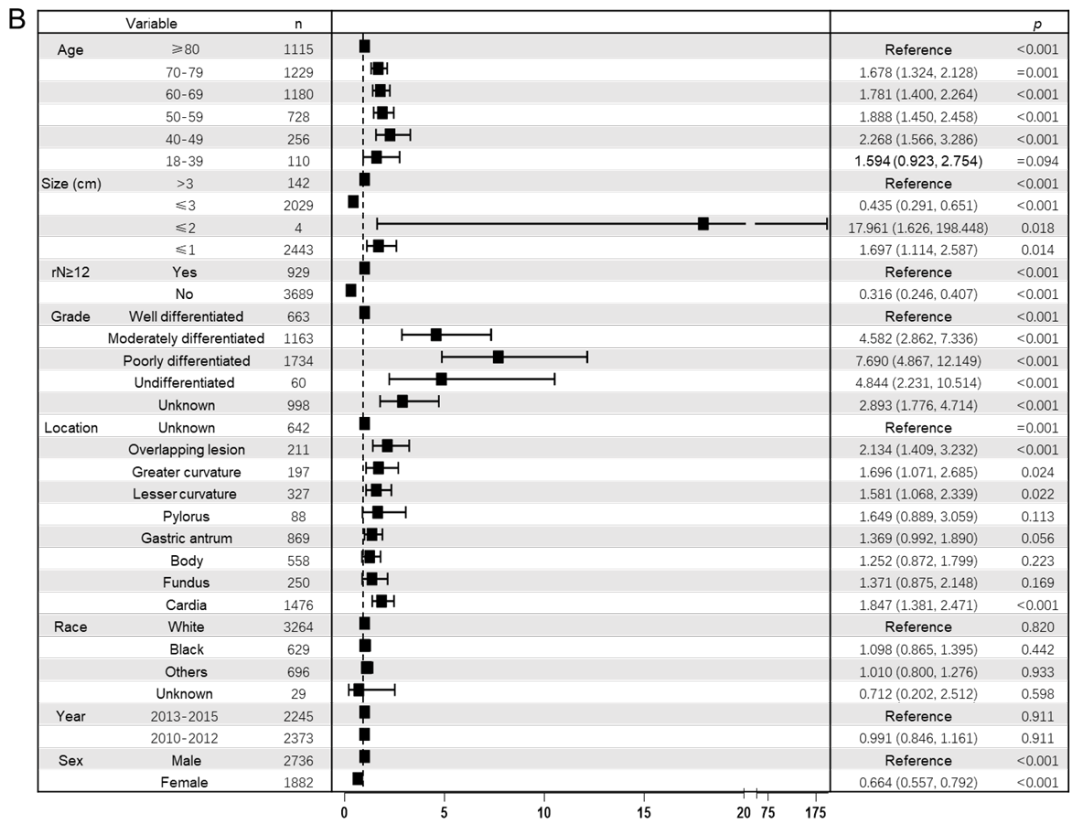
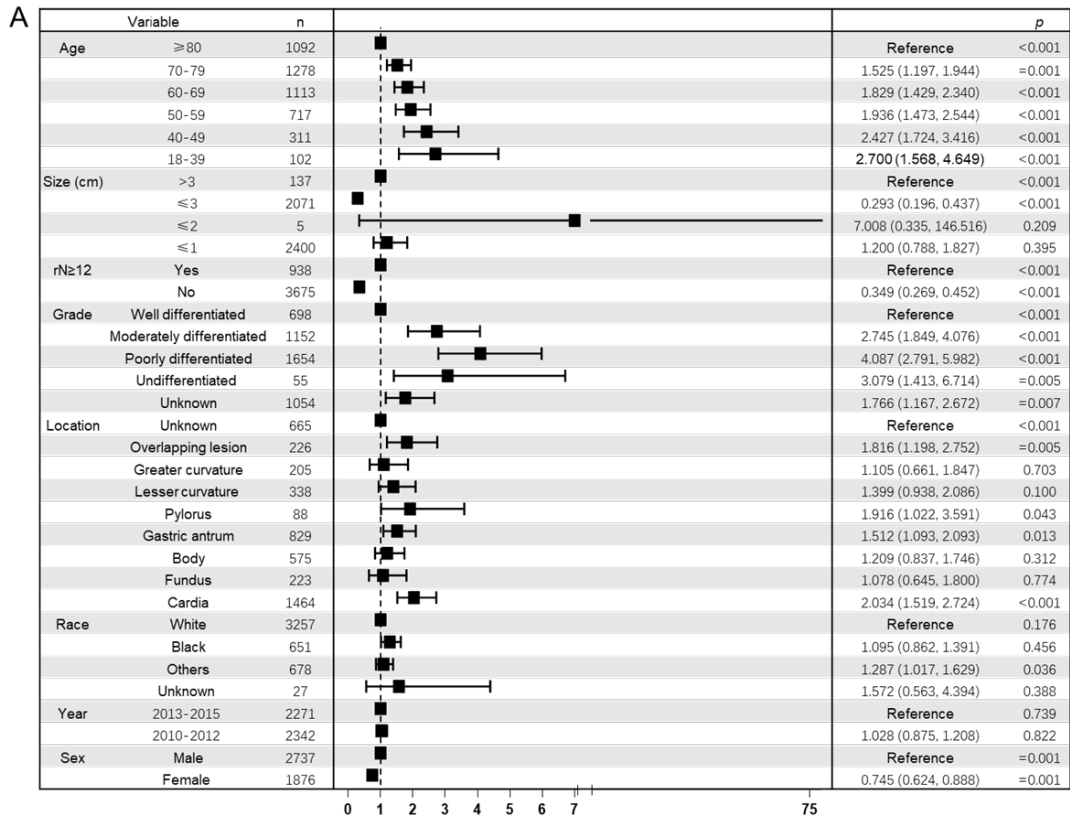
	Age							<i>p</i>
	Total	18-39	40-49	50-59	60-69	70-79	80+	
Total	4613	102 (2.2)	311 (6.7)	717 (15.5)	1113 (24.1)	1278 (27.7)	1092(23.7)	
LNM								<0.001
No	3776 (82.2)	80 (78.4)	236 (75.9)	572 (79.8)	896 (80.5)	1060 (82.9)	952 (87.2)	
Yes	817 (17.8)	22 (21.6)	75 (24.1)	145 (20.2)	217 (19.5)	218(17.1)	140 (12.8)	

Supplementary table 2. Baseline characters of early gastric cancers by age at diagnosis of dataset 2.

	Age							<i>p</i>
	Total	18-39	40-49	50-59	60-69	70-79	80+	
Total	4618	110 (2.4)	256 (5.5)	728 (15.8)	1180 (25.6)	1229 (26.6)	1115(24.1)	
LNM								<0.001
No	3758 (81.4)	89 (80.9)	199 (77.7)	569 (78.2)	944 (80.0)	994 (80.9)	963 (86.4)	
Yes	860 (18.6)	21 (19.1)	57 (22.3)	159 (21.8)	236 (20.0)	235 (19.1)	152 (13.6)	



Supplementary figure1, Association between odds of LNM and age at diagnosis in patients with early gastric cancer. The p value for linear trend of the log odds of lymph node metastasis against the numerical code used for age categories was tested using score statistics and its variance. (A, Dataset 1 and B, Dataset 2.)



Supplementary figure2, Forest plot showing results of multivariate logistic regression model for identifying potential risk factors for LNM in EGC patients. (A, Dataset 1 and

B, Dataset 2.)

Abbreviation: rN, number of retrieved lymph nodes