

Supplementary Table 3. Cox proportional hazards model for OS and PFS

Variable	OS			DFS		
	P-value	HR	95% CI for HR	P-value	HR	95% CI for HR
Group	0.001*	2.006	1.337~3.010	0.003*	1.775	1.220~2.582
Age	0.041*	1.012	1.000~1.024	0.012*	1.015	1.003~1.026
TNM stage	<0.001*	2.948	2.440~3.562	<0.001*	2.819	2.359~3.368
BMI	0.021*	0.964	0.934~0.995	0.069	0.972	0.942~1.002
Family history of cancer	0.221	0.471	0.141~1.573	0.123	0.383	0.113~1.295
Operation type	0.869	0.983	0.800~1.207	0.768	0.971	0.800~1.179
Reconstruction of digestive tract	0.881	1.011	0.879~1.163	0.813	1.016	0.888~1.164
Tumor location	0.604	0.953	0.793~1.144	0.442	0.933	0.782~1.113
Tumor size	0.713	0.990	0.940~1.043	0.702	1.010	0.962~1.060
Postoperative chemotherapy	0.509	1.129	0.787~1.620	0.583	1.102	0.779~1.558
Differentiation	0.742	0.947	0.685~1.309	0.602	0.923	0.683~1.247
Lymph nodes harvested	0.287	0.994	0.982~1.005	0.181	0.992	0.981~1.004

OS = overall survival; PFS = progression-free survival; CI = confidence interval; HR = hazard ratio; TNM = tumor-node-metastasis; BMI = body mass index. *P<0.05. Reference variables: group, Korean patients; age, younger patients; TNM stage, stage I; BMI, lower BMI; family history of cancer, positive family history of cancer; operation type, distal gastrectomy; reconstruction of digestive tract, Billroth I; tumor location, EJ junction; tumor size, smaller; postoperative chemotherapy, without chemotherapy; differentiation, undifferentiated; lymph nodes harvested, low harvest.