

Supplementary Table S1: Survival outcomes of gastric cancer patients with different stages.

	Median	95%CI		Mean	SD	3 years	5 years
		Lower	Upper				
Early	98.53	92.98	104.54	89.7	0.85	77.84	66.76
Locally advanced stage	29.7	29.08	30.39	53.81	0.4	44.63	33.07
Distant metastasis	6.21	6.08	6.34	13.42	0.17	7.02	4.13

Abbreviations: PGC, proximal gastric cancer; DGC distal gastric cancer; SD, standard deviation.

Pairwise comparisons

	P value
Early stage Vs distant metastasis	<0.01
Early stage Vs locally advanced stage	<0.01
Locally advanced stage Vs distant metastasis	<0.01

Supplementary Table S2: Survival outcomes of PGC group and DGC group in early stage.

	Median	95%CI		Mean	SD	3 years	5 years
		Lower	Upper				
Early stage							
PGC	91.83	87.49	98.83	84.26	1.08	76.4	64.62
DGC	106.55	98.53	116.53	92.46	1.23	79.44	69.12
Local advanced							
PGC	29.5	28.78	30.32	52.78	0.51	44.03	32.07
DGC	30.09	28.88	31.24	54.36	0.61	45.44	34.37
Distant metastatic							
PGC	6.8	6.64	7	13.85	0.22	7.05	4.15
DGC	5.09	4.9	5.29	12.24	0.26	7.01	4.11

Abbreviations: PGC, proximal gastric cancer; DGC distal gastric cancer; SD, standard deviation.

Supplementary Table S3: Survival outcomes of LAPGC and LADGC groups with gastrectomy of different adjuvant therapy.

	Median	95%CI		Mean	SD	3 years	5 years
		Lower	Upper				
LAPGC							
No NAT/AT	20.63	18.79	22.31	39.62	0.98	35.98	25.23
NAT	37.36	35.52	39.95	57.88	0.76	50.92	39.15
AT	32.13	29.5	34.17	50.43	0.98	46.4	33.14
NAT plus AT	37.16	34.1	39.79	58.35	1.79	50.97	37.25
LADGC							
No NAT/AT	21.36	19.94	23.16	39.94	0.77	37.82	27.78
NAT	64.3	51.02	89.17	60.7	1.79	60.59	50.83
AT	38.9	36.5	41.43	58.09	0.88	51.93	39.33
NAT plus AT	56.31	43.99	86.44	55.11	1.61	60.67	48.65

Abbreviations: LAPGC, locally advanced proximal gastric cancer; LADGC, locally advanced distal gastric cancer; SD, standard deviation; NAT, neoadjuvant therapy; AT, adjuvant therapy.

Pairwise comparisons		LAPGC	LADGC	1	2	3	4
		1	2				
No NAT/AT	1		<0.01		<0.01	<0.01	<0.01
NAT	2	<0.01			<0.01	<0.01	0.94
AT	3	<0.01	<0.01			<0.01	
NAT plus AT	4	<0.01	<.001		0.04		

Abbreviations: LAPGC, locally advanced proximal gastric cancer; LADGC, locally advanced distal gastric cancer; SD, standard deviation; NAT, neoadjuvant therapy; AT, adjuvant therapy.