

Supplementary Table 1 Detailed information of 13 patients undergo radical surgery

	cTNM stage	Type of gastrectomy	of Metastatic treatment	disease	ypTNM stage	TRG
Patient 1	T4aN3M0	Radical distal subtotal gastrectomy, Billroth II	Intravenous chemotherapy		ypT2N0M0	TRG0
Patient 2	T3N2M0	Radical distal subtotal gastrectomy, Billroth II	Intravenous chemotherapy		ypT3N0M0	TRG2
Patient 3	T4aN1M0	Radical distal subtotal gastrectomy, Billroth II	Intravenous chemotherapy		ypT3N0M0	TRG1
Patient 4	T3N2M1	Radical distal subtotal gastrectomy, Billroth II	Intravenous chemotherapy and Immunotherapy		ypT3N2M1	TRG2
Patient 5	T4aN1M1	Radical distal subtotal gastrectomy, Billroth II	Intravenous chemotherapy		ypT3N3M1	TRG3
Patient 6	T4aN3M0	Radical distal subtotal gastrectomy, Billroth II	Intravenous chemotherapy		ypT4aN3M0	TRG3
Patient 7	T4aN3M1	Radical distal subtotal gastrectomy, Billroth II	Intravenous chemotherapy and Immunotherapy		ypT4aN2M1	TRG2
Patient 8	T4aN2M1	Radical distal subtotal gastrectomy, Billroth II	Intravenous chemotherapy		ypT3N2M1	TRG2
Patient 9	T4aN2M	Radical distal s	Intravenous		ypT3N1M	TRG1

Patient 10	1 T4aN2M 1	ubtotal gastrectomy, Billroth II Radical distal subtotal gastrectomy, Billroth II	chemotherapy and Immunotherapy Intravenous chemotherapy and Immunotherapy	1 ypT4aN1 M1	TRG1
Patient 11	1 T4aN3M 0	Radical distal subtotal gastrectomy, Billroth II	Intravenous chemotherapy and Immunotherapy	ypT4aN1 M0	TRG0
Patient 12	1 T4bN1 M1	Radical distal subtotal gastrectomy, Billroth II	Intravenous chemotherapy and Immunotherapy	ypT2N1M 1	TRG0
Patient 13	1 T4bN3 M1	Radical distal subtotal gastrectomy, Billroth II	Intravenous chemotherapy and Immunotherapy	ypT4bN3 M1	TRG3

cTNM: clinical TNM stage before treatment.

ypTNM: pathology TNM stage post radical surgical treatment, after neoadjuvant chemotherapy.

TRG: tumor regression grade.

Immunotherapy: immune checkpoint inhibitors treatment.