

Table S1 Statistics used for comparing GC between with and without recurrence

Parameters	Statistics
Age	Mann-Whitney <i>U</i> test
Sex	Fisher's exact test
Location	chi-square test with Yates' correction: Upper vs. Middle vs . Lower
Surgery	Fisher's exact test
Lymph node dissection	chi-square test with Yates' correction
Synchronous multiple GCs	Fisher's exact test
Macroscopic type	chi-square test with Yates' correction: 0 vs .1+2 vs . 3+4
Histology	chi-square test with Yates' correction
Depth of tumor invasion	Mann-Whitney <i>U</i> test
Cancer stromal volume	chi-square test with Yates' correction
Tumor infiltration pattern	chi-square test with Yates' correction
VI grade	Mann-Whitney <i>U</i> test
Lymphatic invasion	Fisher's exact test
Nodal metastasis	Mann-Whitney <i>U</i> test
Resection margin status	Mann-Whitney <i>U</i> test
pTNM stage	Mann-Whitney <i>U</i> test
Neoadjuvant chemotherapy	Fisher's exact test
Adjuvant chemotherapy	Fisher's exact test

VI venous invasion, GC gastric cancer.