

Table SI. Questionnaire used for the analysis (English translation).

1. How many surgeries for cancer in the remnant stomach were performed between 2003 and 2017?

☐ cases

2. How many surgeries were performed for MMGC among them?

☐ cases

3. Please fill in the blank in the table below with the number of cases.

| Procedure in the<br>initial gastrectomy | Number<br>of cases       | Time interval from the initial gastrectomy until<br>diagnosis of MMGC (years) |                          |                          |                          |                          |                          |                          | Treatment for<br>MMGC    |                          |
|-----------------------------------------|--------------------------|-------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                         |                          | <1                                                                            | 1-2                      | 2-3                      | 3-4                      | 4-5                      | 5-10                     | >10                      | CTG                      | Partial                  |
| DG B-I                                  | <input type="checkbox"/> | <input type="checkbox"/>                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DG B-II                                 | <input type="checkbox"/> | <input type="checkbox"/>                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DG R-Y                                  | <input type="checkbox"/> | <input type="checkbox"/>                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| DG others                               | <input type="checkbox"/> | <input type="checkbox"/>                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| PG EG                                   | <input type="checkbox"/> | <input type="checkbox"/>                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| PG JI                                   | <input type="checkbox"/> | <input type="checkbox"/>                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| PG DT                                   | <input type="checkbox"/> | <input type="checkbox"/>                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| PG others                               | <input type="checkbox"/> | <input type="checkbox"/>                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| PPG                                     | <input type="checkbox"/> | <input type="checkbox"/>                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SG                                      | <input type="checkbox"/> | <input type="checkbox"/>                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LR                                      | <input type="checkbox"/> | <input type="checkbox"/>                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

MMGC, metachronous multiple gastric cancer; DG, distal gastrectomy; B-I, Billroth I; B-II, Billroth II; R-Y, Roux-en Y; PG, proximal gastrectomy; EG, esophagogastric anastomosis; JI, jejunal interposition; DT, double tract; PPG, pylorus-preserving gastrectomy; SG, segmental gastrectomy; LR, local resection; CTG, completion total gastrectomy; Partial, partial gastrectomy.