

Supplementary Table S11. Comparison of clinical characteristics between ITH_{high} and ITH_{low} groups

| Characteristics | ITH Groups | | P-value |
|--------------------------------|------------------------------|-----------------------------|---------|
| | ITH _{high} n (%) | ITH _{low} n (%) | |
| Age, years (median) | | | |
| | 73 | 71 | 0.86 |
| Gender | | | |
| Male | 26 (84) | 20 (65) | 0.15 |
| Female | 5 (16) | 11 (35) | |
| Lauren's classification | | | |
| Diffuse | 2 (6) | 1 (3) | 0.61 |
| Intestinal | 28 (90) | 30 (97) | |
| Mixed | 1 (3) | 0 (0) | |
| T Stage | | | |
| 2 | 4 (13) | 3 (10) | 0.88 |
| 3 | 11 (35) | 10 (32) | |
| 4 | 16 (52) | 18 (58) | |
| N Stage | | | |
| I | 4 (13) | 6 (19) | 0.84 |
| II | 16 (52) | 14 (45) | |
| III | 11 (35) | 11 (35) | |
| Grade | | | |
| 1 | 1 (3) | 1 (3) | 0.97 |
| 2 | 15 (48) | 14 (45) | |
| 3 | 15 (48) | 16 (52) | |
| Location | | | |
| Proximal | 10 (32) | 11 (35) | 0.72 |
| Mid | 8 (26) | 5 (16) | |
| Distal | 10 (32) | 13 (42) | |
| Others | 3 (10) | 2 (6) | |

Fisher test

* two GC only had one subregion included in NanoString analysis, and therefore could not be categorized