Table SI. Clinicopathological characteristics of the entire cohort (n=172).

| Clinicopathological characteristics                                | Values                          |
|--------------------------------------------------------------------|---------------------------------|
| Age, year, n (IQR)                                                  | 38.00 (32.00-43.00)             |
| BMI, kg/m², n (IQR)                                                 | 24.34 (21.80-27.10)             |
| Smoking, n (%)                                                      | 26 (15.1)                       |
| Drinking, ≥1 standard glass/week, n (%)                            | 64 (37.2)                       |
| Physical activity, ≥1 h/week, n (%)                                | 86 (50.0)                       |
| Duration of endometriosis diagnosis, years                         | 11 (5-18)                       |
| Duration of GI symptoms, year                                      | 10 (4-20)                       |
| Isolated ovarian endometriosis, n (%)                              | 67 (39.0)                       |
| Bowel endometriosis affecting the GI tract, alone or alongside other locations, n (%) | 33 (19.2)                       |
| Current hormonal treatment, n (%)                                  | 80 (40.6)                       |
| Current opioid treatment, n (%)                                    | 30 (17.4)                       |
| Abdominal pain, mm                                                  |                                |
| Experimental values                                                | 40 (10-72)                      |
| Reference values                                                    | 5 (1-15)                        |
| Diarrhoea, mm                                                       |                                |
| Experimental values                                                | 15 (0-55)                       |
| Reference values                                                    | 3 (0-10)                        |
| Constipation, mm                                                    |                                |
| Experimental values                                                | 28 (0-70)                       |
| Reference values                                                    | 9 (1-22)                        |
| Bloating and flatulence, mm                                         |                                |
| Experimental values                                                | 55 (18-80)                      |
| Reference values                                                    | 14 (1-29)                       |
| Vomiting and nausea, mm                                             |                                |
| Experimental values                                                | 9 (0-45)                        |
| Reference values                                                    | 2 (0-3)                         |
| Psychological well-being, mm                                       |                                |
| Experimental values                                                | 30 (8-64)                       |
| Reference values                                                    | 4 (0-16)                        |
| Intestinal symptoms' effect on quality of life, mm                  |                                |
| Experimental values                                                | 40 (8-75)                       |
| Reference values                                                    | 2 (0-18)                        |
| Defecation urgency, mm, n (%)                                       | 62 (36.0)                       |
| Incomplete evacuation when defecating, mm, n (%)                    | 96 (55.8)                       |

IQR, interquartile range.