

Supplemental Table 1 Summary of *P* values from Tables 2 and 3

| | Postoperative | | | |
|--------------------|--------------------|--------------------|--------------------|---------------------|
| | 3 mo | 6 mo | 1 yr | 2 yr |
| Bowel movements/wk | 0.000 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a2} |
| WC | 0.000 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a1} |
| WI | - | 0.002 ^a | 0.030 ^a | 0.015 ^{b2} |
| Abdominal pain | 1.000 | 0.798 | 0.301 | 0.007 ^{a3} |
| Bloating | 0.000 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a3} |
| Diarrhea | - | 0.267 | 0.170 | 0.033 ^{b3} |
| Straining | 0.000 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a3} |
| Laxative | 0.000 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a3} |
| Enema us | 0.000 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a3} |
| GIQLI | 0.000 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a1} |
| SF-36 | | | | |
| Physical function | 0.382 | 0.067 | 0.038 ^a | 0.074 ² |
| Role physical | 0.002 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a1} |
| Role emotional | 0.003 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a2} |
| Physical pain | 0.013 ^a | 0.003 ^a | 0.000 ^a | 0.000 ^{a1} |
| Vitality | 0.000 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a1} |
| Mental health | 0.000 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a1} |

| | | | | |
|-----------------|--------------------|--------------------|--------------------|---------------------|
| Social function | 0.278 | 0.037 ^a | 0.006 ^a | 0.002 ^{a2} |
| General health | 0.000 ^a | 0.000 ^a | 0.000 ^a | 0.000 ^{a1} |

¹Paired-samples *t*-test; ²Wilcoxon rank sum test; ³ χ^2 test. ^a*P* < 0.05 *vs* preoperative data; ^b*P* < 0.05 *vs* 3-mo follow-up data. WC: Wexner constipation scale; WI: Wexner incontinence scale; GIQLI: Gastrointestinal quality of life index; SF: Short-form.