Supplementary figure 1
Comparison of stool frequency and shape between IBS-C group and FC Group

FC group (n=262)

| Stool frequency             | (%) |
|-----------------------------|-----|
| No stool for 1 week or more | 0.4 |
| Once a week                 | 13.7|
| Twice a week                | 33.2|
| 3 to 5 times a week         | 34.0|
| Almost everyday             | 13.7|
| 2 to 3 times per day        | 4.6 |
| 4 times or more per day*    | 0.4 |

Less than 3 times per week* (No stool for 1 week or more
Once a week, Twice a week)

51.5

IBS-C group (n=149)

| Stool frequency             | (%) |
|-----------------------------|-----|
| No stool for 1 week or more | 0.7 |
| Once a week                 | 8.7 |
| Twice a week                | 34.2|
| 3 to 5 times a week         | 41.6|
| Almost everyday             | 13.4|
| 2 to 3 times per day        | 1.3 |
| 4 times or more per day*    | 0.0 |

Bristol scale

| Types | (%) |
|-------|-----|
| 2     | 12.2|
| 3     | 27.5|
| 4     | 24.0|
| 5     | 22.9|
| 6     | 7.3 |
| 7     | 5.3 |
|       | 0.8 |

Fischer’s PLSD test
*p<0.05
Supplementary figure 2
Assessment by HADS

![Bar chart showing comparison of Total HADS anxiety and depression scores between FC group and IBS-C group.](chart)

- Total HADS anxiety score
- Total HADS depression score

FC group • IBS-C group

Mann-Whitney U test
*: p<0.001