

| Clinical Variable                | Summary                             | Species Richness (alpha-diversity) | Community Structure (beta-diversity) |
|----------------------------------|-------------------------------------|------------------------------------|--------------------------------------|
| CDAI                             | Min=154, Median=319, Max=483        | rho = −0.2 (0.005)                 | 0.3                                  |
| Loose Stool Frequency (per week) | Min=2, Median=51, Max=100           | rho = −0.2 (7e−04)                 | 0.01                                 |
| C−Reactive Protein (mg/L serum)  | Min=0.1, Median=11.7, Max=199       | rho = 0.06 (0.3)                   | 0.02                                 |
| Fecal Calprotectin (µg/g)        | Min=14, Median=582.5, Max=26070     | rho = 0.08 (0.1)                   | 0.002                                |
| Fecal Lactoferrin (µg/g)         | Min=0.25, Median=83.78, Max=3141    | rho = 0.1 (0.03)                   | 0.001                                |
| BMI                              | Min=15, Median=24, Max=55.3         | rho = 0.07 (0.2)                   | 0.2                                  |
| Weight (kg)                      | Min=40, Median=69, Max=150          | rho = 0.07 (0.2)                   | 0.08                                 |
| Age (years)                      | Min=18, Median=37, Max=76           | rho = −0.05 (0.4)                  | 0.02                                 |
| Sex (F/M)                        | 189/117                             | 0.5                                | 0.3                                  |
| Corticosteroid Use (Y/N)         | 132/174                             | 2e−04                              | 0.004                                |
| Disease Duration (years)         | Min=0.48, Median=10.44, Max=44.92   | rho = −0.2 (7e−05)                 | 0.001                                |
| Tissue Involvement               | Colon=85, Colon−Ileum=148, Ileum=73 | 0.1                                | 0.001                                |