

| Clinical Variable | Correlation | Alpha-Diversity (p-value) | Beta-Diversity (p-value) |
|--|----------------|------------------------------|-----------------------------|
| CDAI | $\rho = -0.2$ | 0.014 | 0.324 |
| Loose Stool Frequency (per week) | $\rho = -0.2$ | 0.003 | 0.024 |
| C-Reactive Protein (mg/L serum) | $\rho = 0.06$ | 0.394 | 0.033 |
| Fecal Calprotectin ($\mu\text{g/g}$) | $\rho = 0.08$ | 0.254 | 0.006 |
| Fecal Lactoferrin ($\mu\text{g/g}$) | $\rho = 0.1$ | 0.07 | 0.004 |
| BMI | $\rho = 0.07$ | 0.299 | 0.277 |
| Weight (kg) | $\rho = 0.07$ | 0.299 | 0.112 |
| Age (years) | $\rho = -0.05$ | 0.472 | 0.033 |
| Sex (F/M) | – | 0.539 | 0.277 |
| Corticosteroid Use (Y/N) | – | 0.001 | 0.01 |
| Disease Duration (years) | $\rho = -0.2$ | 0.001 | 0.004 |
| Tissue Involvement | – | 0.19 | 0.004 |