

384 **Supplemental Table 1: Diversity differences based on clinical metadata of cohort at**
 385 **baseline**

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 ($\mu\text{g/g}$)	$\rho = 0.1$	0.070	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	0.010
Disease Duration (years)	$\rho = -0.2$	0.001	0.004
Tissue Involvement	-	0.190	0.004

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