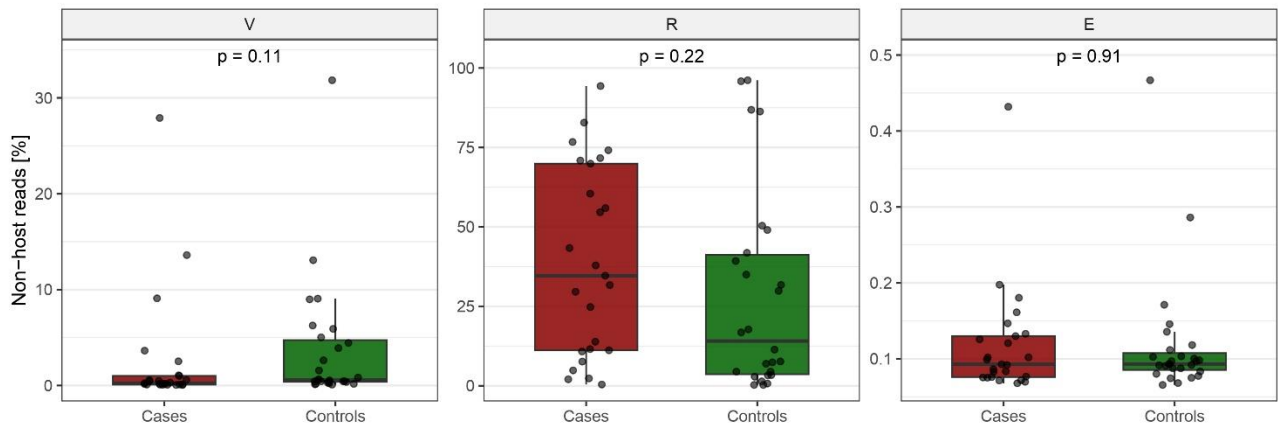
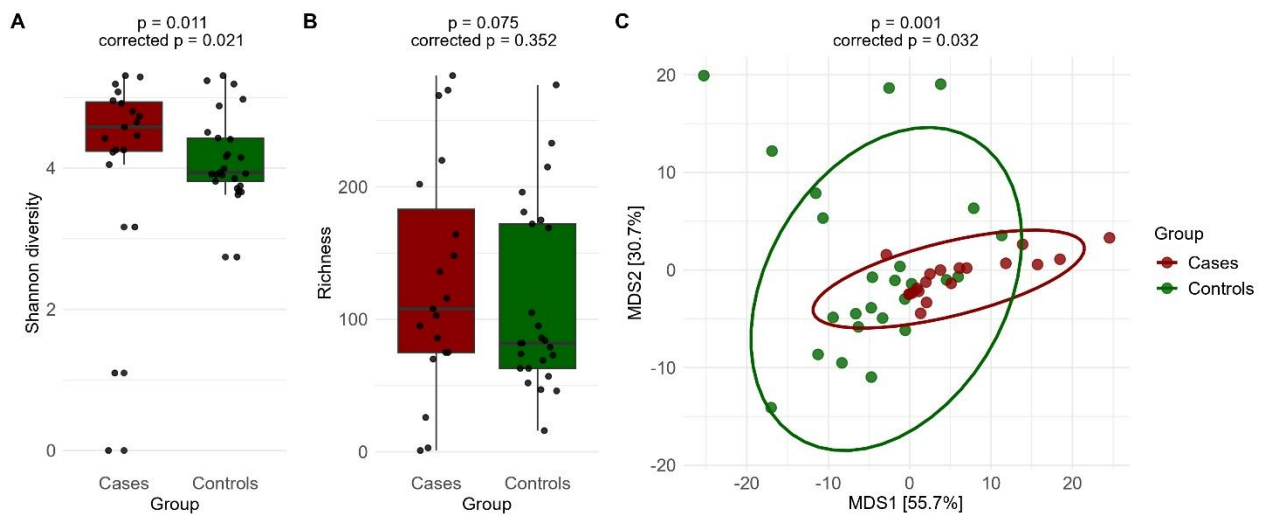




Supplementary Figure S1. Percentage of non-human reads remaining after host-read removal in cases vs. controls for each body site (V: vaginal, R: rectal, E: endometrial samples).



Supplementary Figure S2. α -diversity and β -diversity analyses for vaginal samples based on functional pathway abundance profiles. (A, B) Box plots showing the Shannon index (A) and the richness (B) to compare the α -diversity between cases (red) and controls (green). (C) Principal coordinates analysis (PCoA) of β -diversity shows the different microbial composition between the two groups. p: p-value; corrected p: p-value after correction for BMI and age.