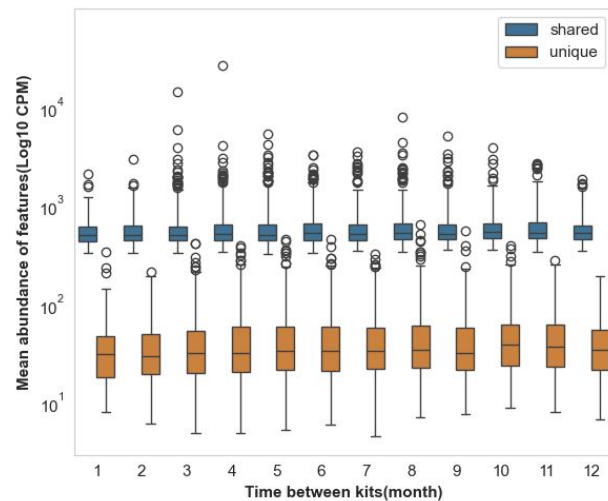
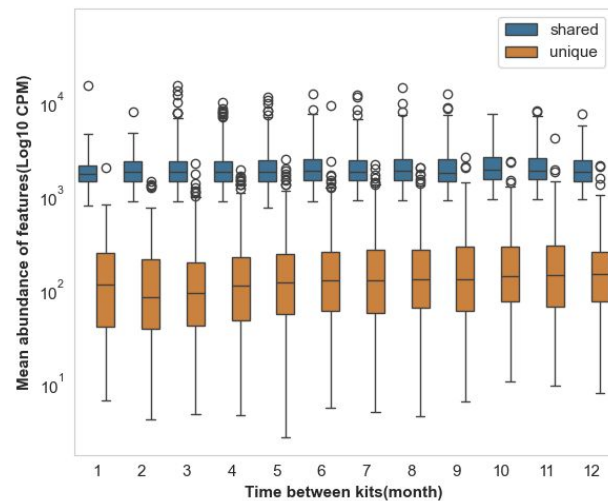
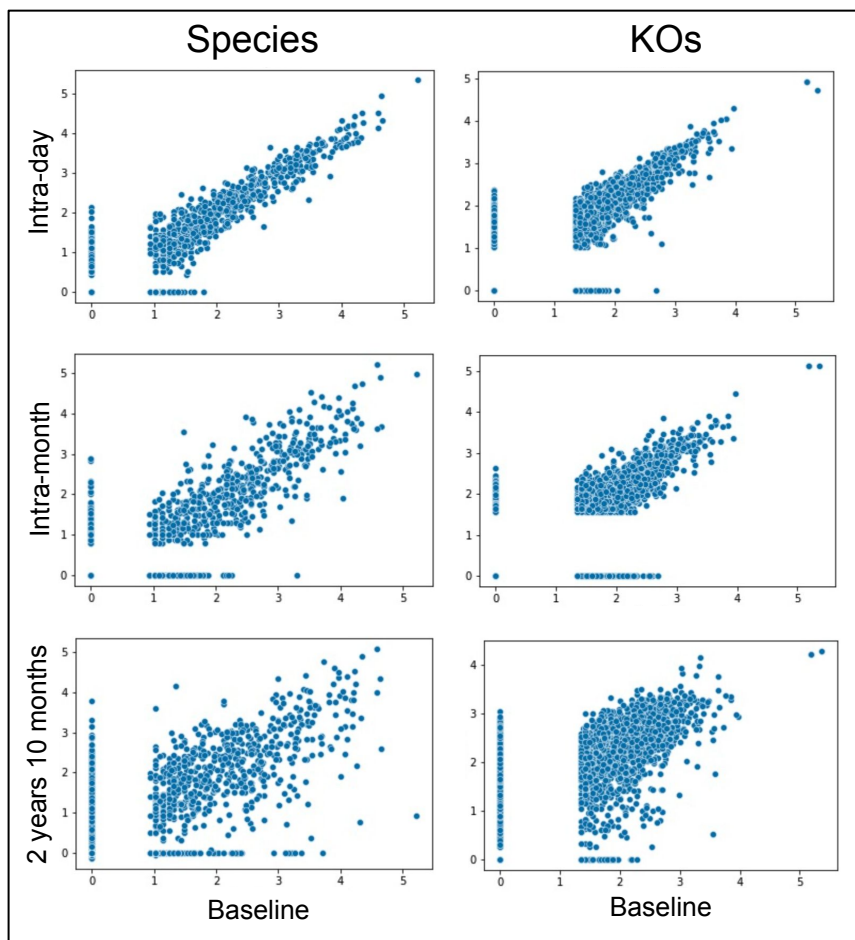


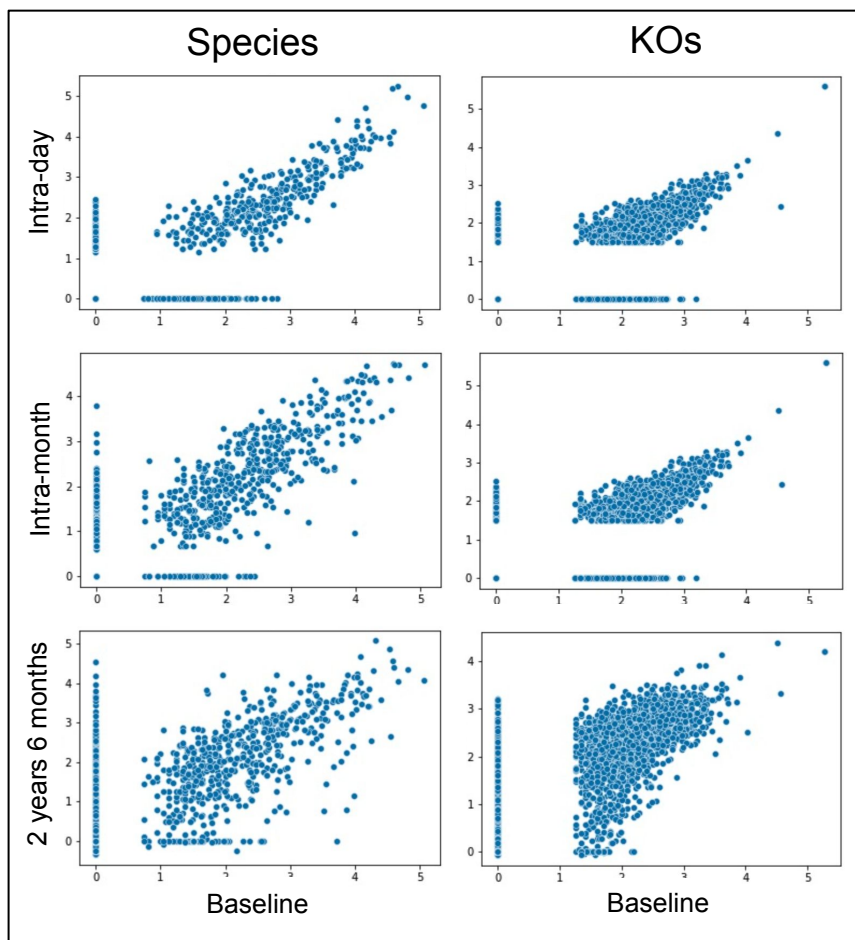


Supplemental Figure S1.

Mean abundance of shared and unique features, comparing each baseline to monthly sample. Shared (blue) and unique (orange) features for species (a) and KOs (b). All months show a significantly ($p < 0.05$) increased abundance of the shared features compared to the unique features.



Supplemental Figure S2.
Composition and functional profiles for donor 1. Donor 1 species (left) and KOs (right). The compositional (species) and functional (KO) profiles of the gut microbiome for donor 1 are plotted, normalized to $\log_{10}(\text{CPM})$ (Counts Per Million), showing a drift over time. Despite the drift, the gut microbiome retains a significant correlation even after almost three years.



Supplemental Figure S3.
Composition and functional profiles for donor 2. Donor 2 species (left) and KOs (right). The compositional (species) and functional (KO) profiles of the gut microbiome for donor 2 are plotted, normalized to $\log_{10}(\text{CPM})$ (Counts Per Million), showing a drift over time. Despite the drift, the gut microbiome retains a significant correlation even after almost three years.