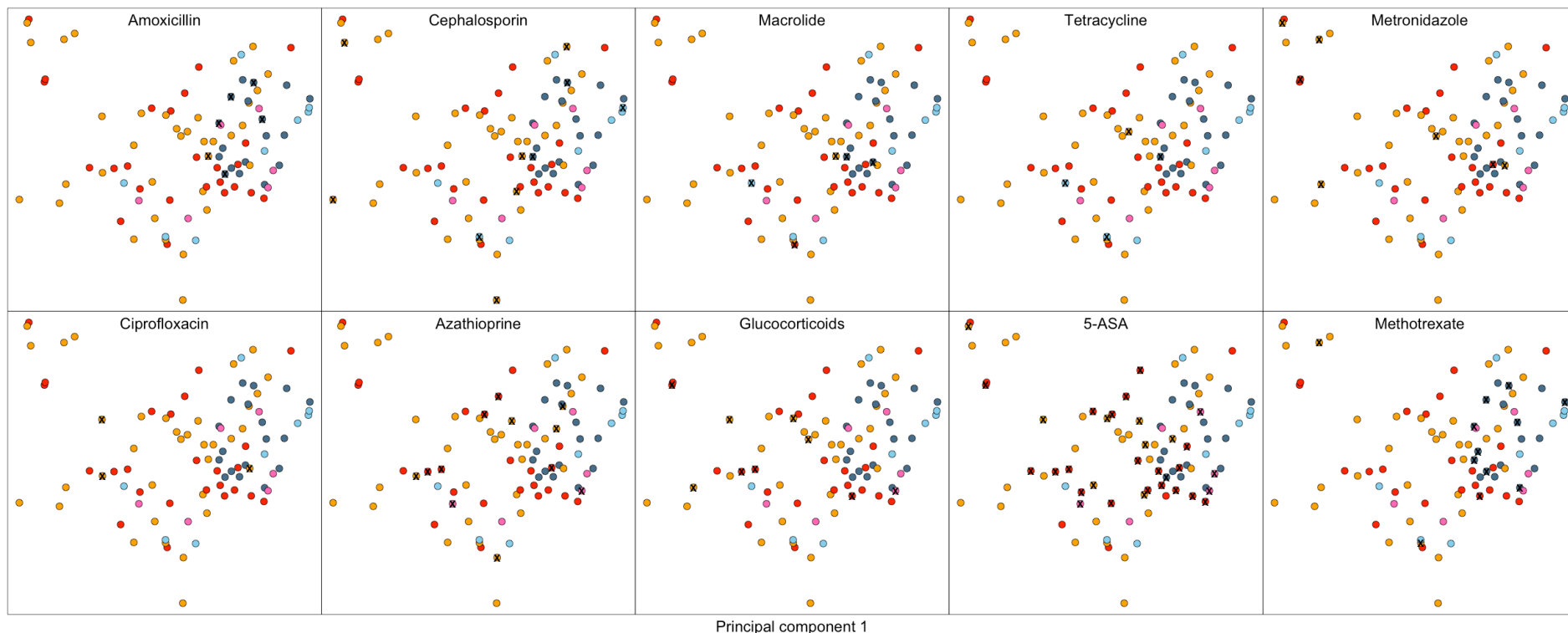
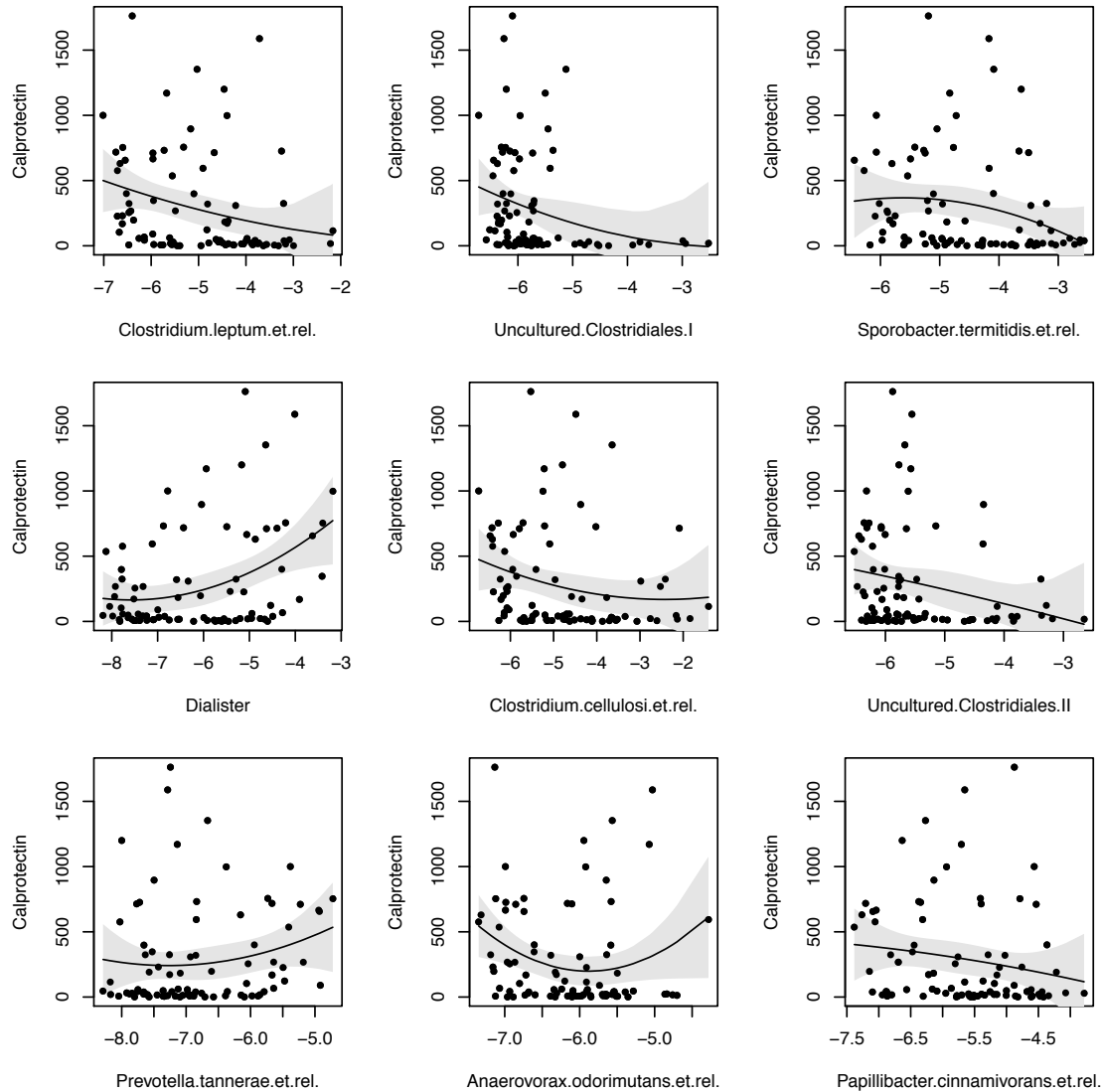




Principal component 1

Supplementary Figure 1.

Microbiota composition as depicted by Principal Coordinates analysis. One sample from each child is shown, the colors indicating diagnosis group: Crohn's disease (orange circles), ulcerative colitis (red), IBD-U (unclassified IBD; pink), JIA (juvenile idiopathic arthritis; dark blue) and healthy (light blue). "X" marks the cases using antibiotics during the previous 6 months, or currently on different medications.



Supplementary Figure 3.

Associations between the fecal calprotectin and the nine most predictive microbial groups (log-abundances). The lines represent the best fit from a linear model (allowing also quadratic relationships) and shaded regions show the 95% confidence intervals.