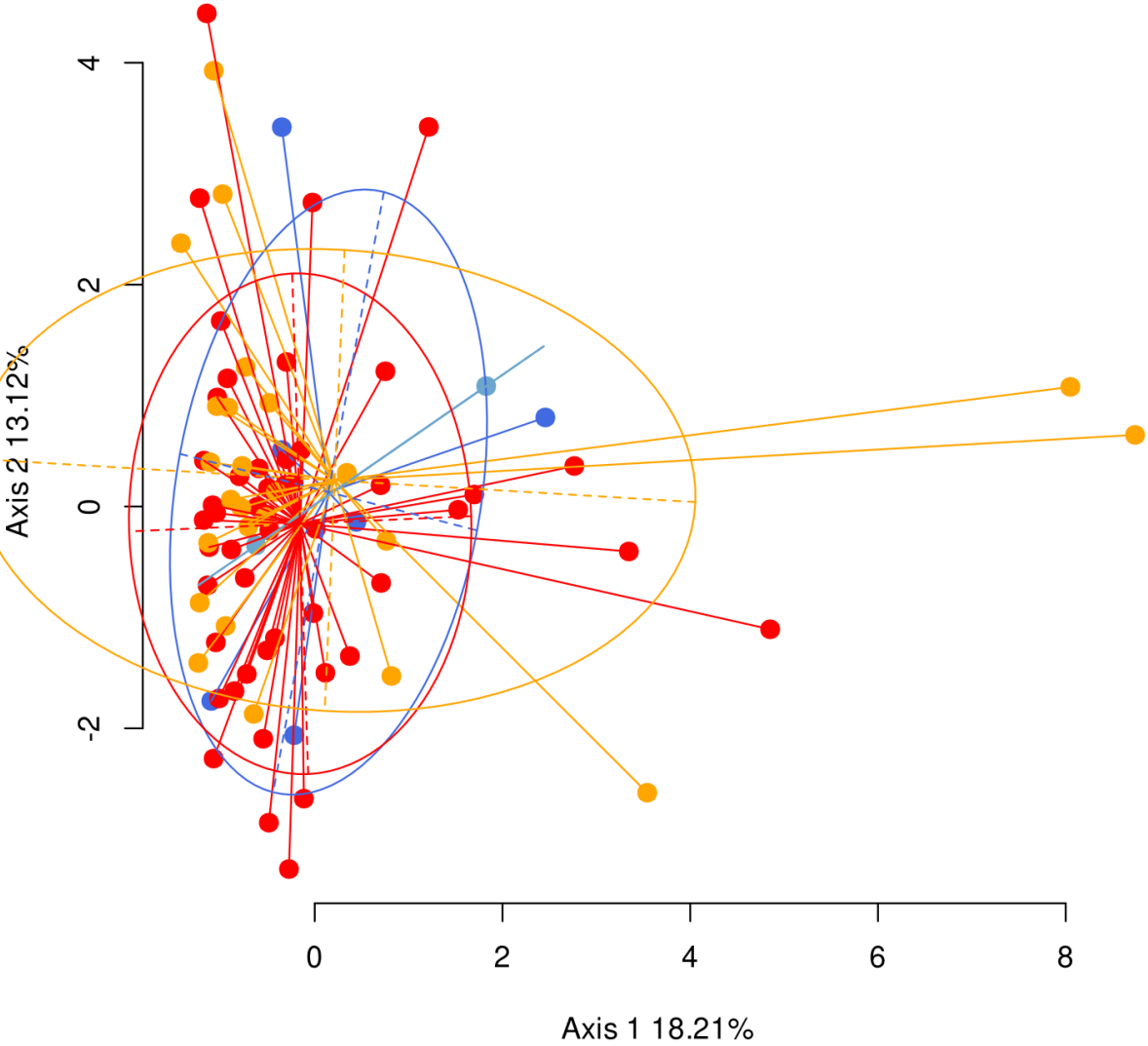
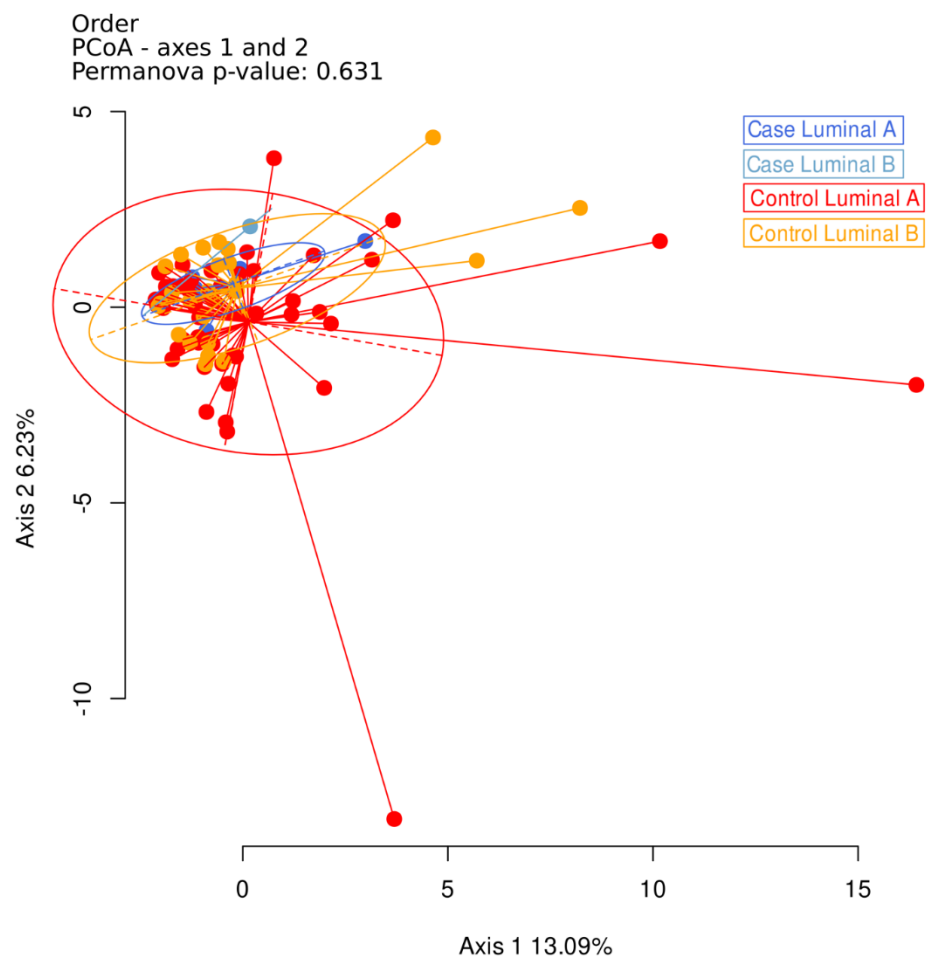


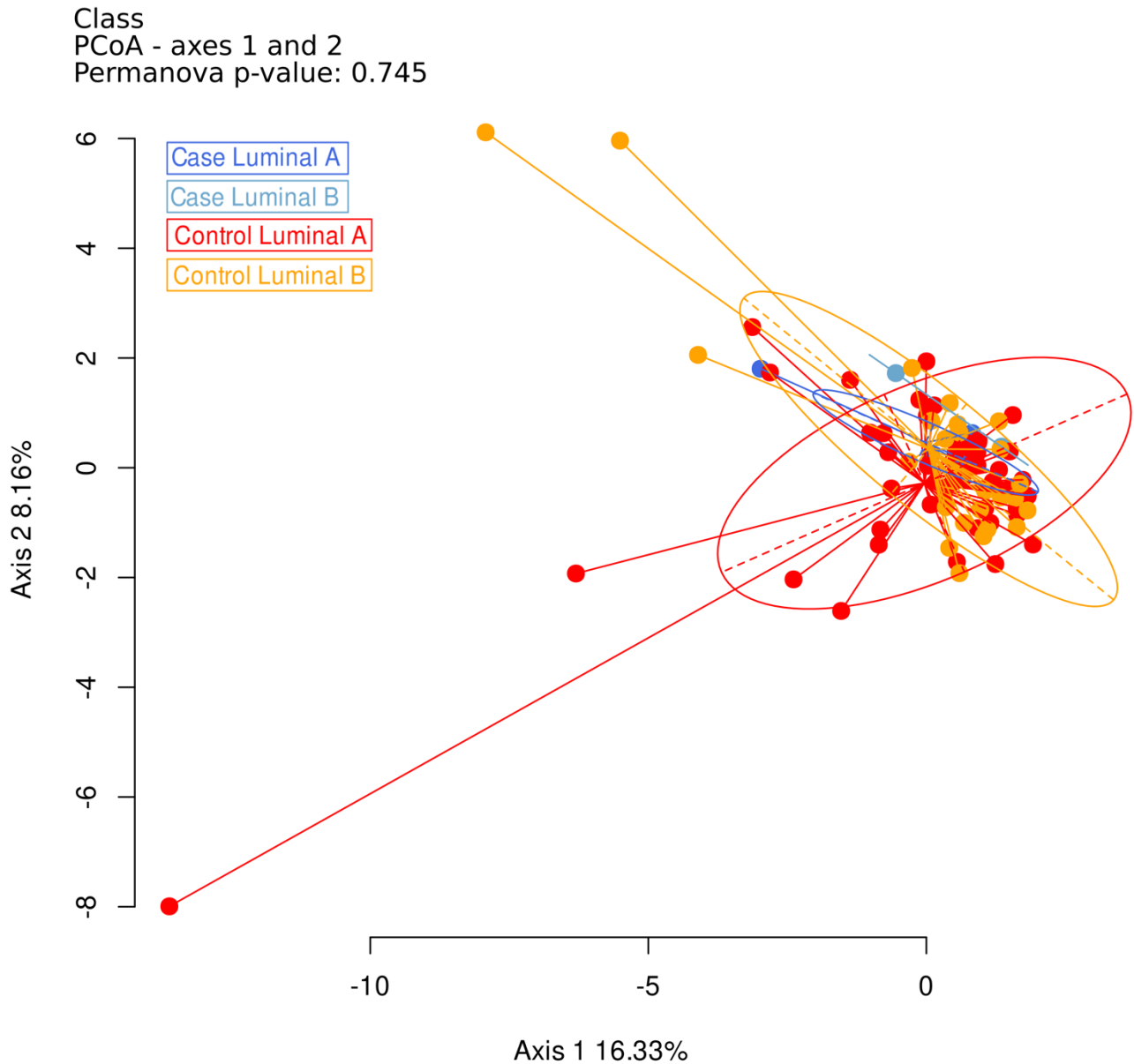
Phylum
PCoA- axes 1 and 2
Permanova p-value: 0.878



(a)



(b)



(c)

Supplementary Figure S1. Beta-diversity according to Luminal A and luminal B (case and control group). The microbiota distances were evaluated through the Bray–Curtis dissimilarity matrix at the taxonomic level of phylum (a), order (b) and class (c) and visualized through Principal Coordinates Analysis (PCoA). Each point represents the microbiota composition of one sample.