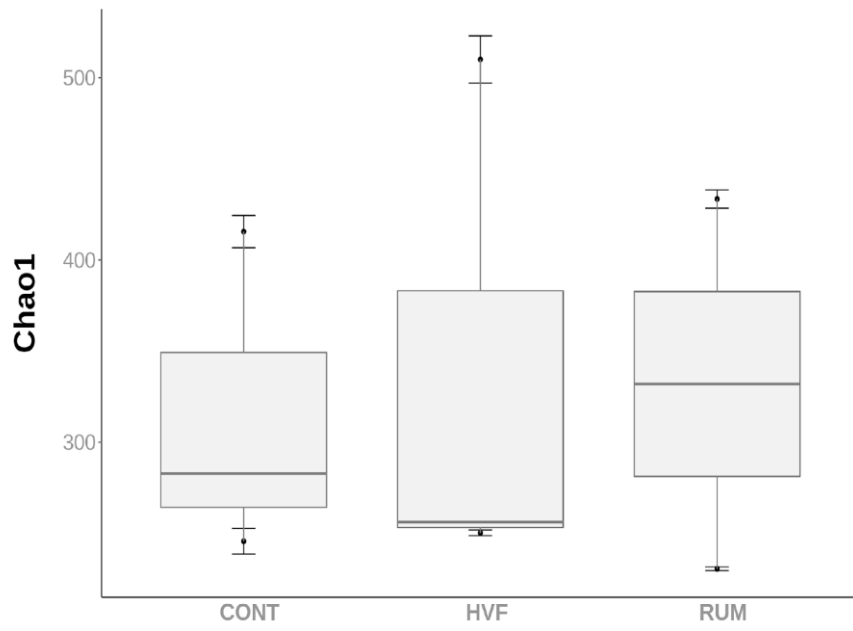
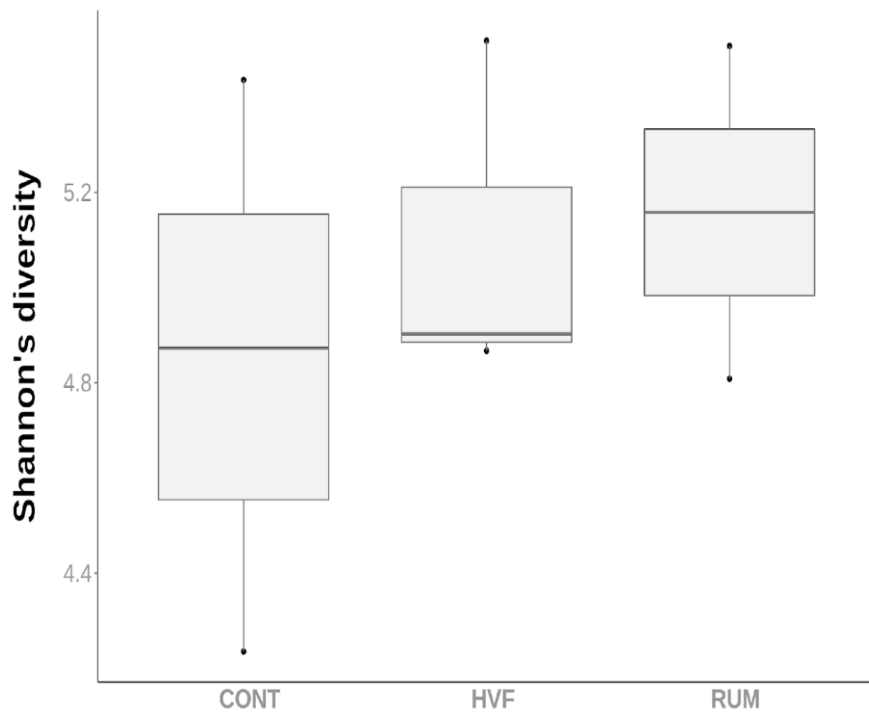


Supplementary Material

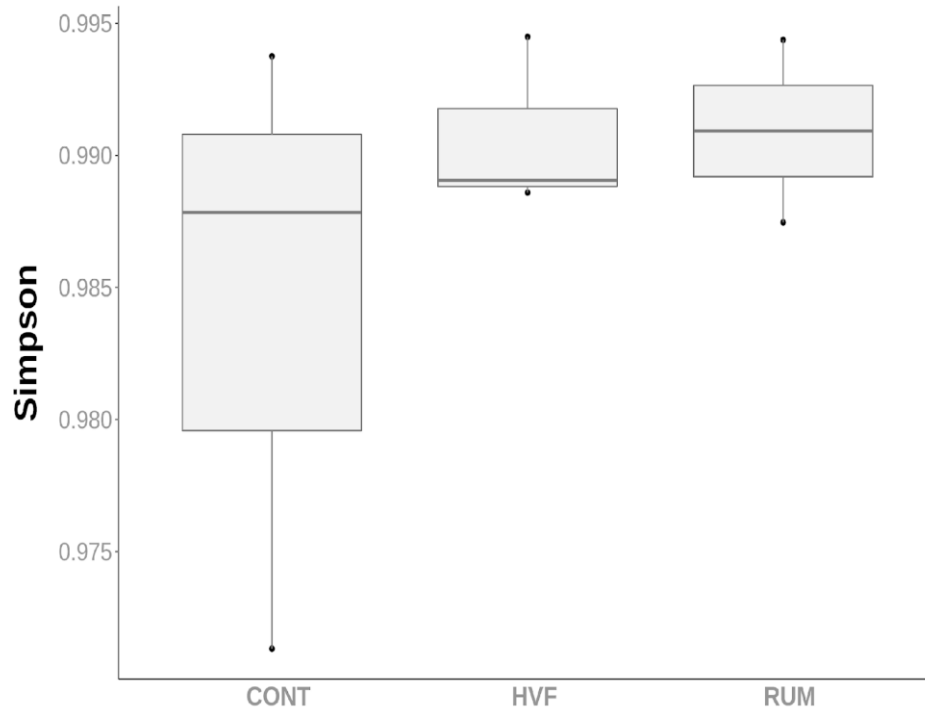
1)



2)

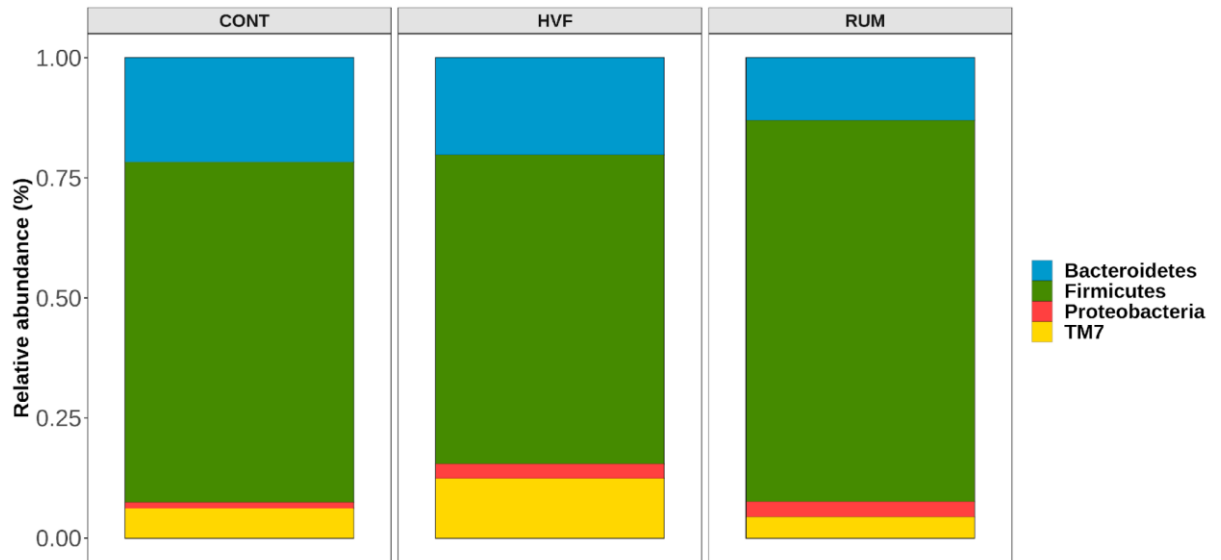


3)

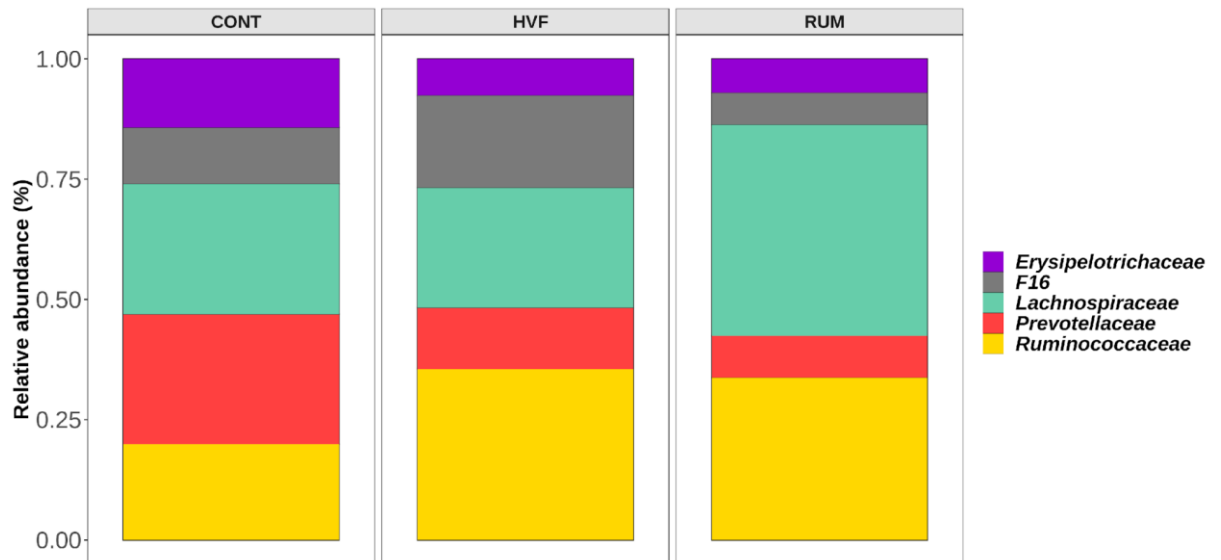


Supplementary Figures 1, 2 and 3 – Alpha-diversity measured by the diversity indices Chao1 (1), Simpson (2) and Shannon (3) of the gut microbiota of rats exposed to control diet (CONT) or diets supplemented with hydrogenated vegetable fat (HVF) or ruminant fat (RUM).

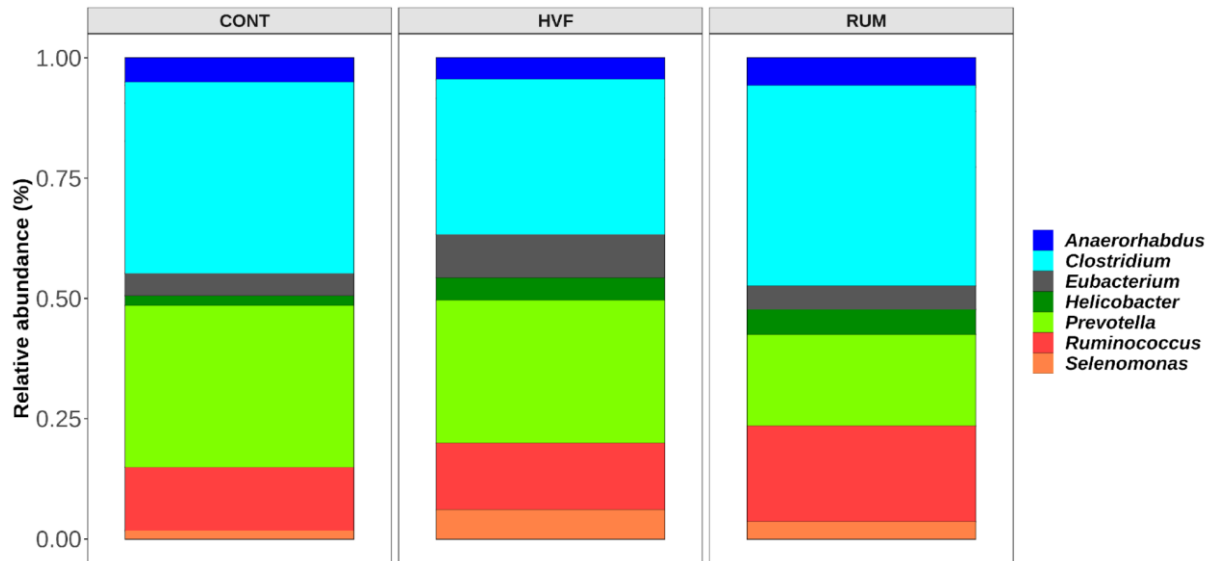
4)



5)



6)



Supplementary Figures 4, 5 and 6 - Relative abundance of microbial taxa at phylum (4), family (5) and genus (c) levels in the gut of rats exposed to control diet (CONT) or diets supplemented with hydrogenated vegetable fat (HVF) or ruminant fat (RUM).