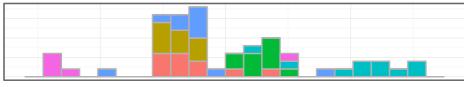
Component 1 **BodySite** ear gut nasal Bacteroidetes Veillonellacea Dialister Discharge Dialister Roseburia Alistipes Butyricimonas Actinobacteria oral Actinomycetales Clostridia Bacteroides Rikenellaceae Alcaligenaceae Dorea Alcaligenaceae Dorea Alcaligenaceae skin Propionibacteriaceae Clostridiales Ruminococcaceae vagina Prevotella Coprobacillus XIV Firmicutes Blautia Odoribacter Propionibacterium Porphyromonadaceae Lachnospiraceae Parabacteroides Spearman p-value 10^{-30} Component 2 10^{-15} Lachnospiraceae Anaerovorax Lactobacillaceae **Bacteroidales** Butvricimonas Bacteroides Anaerotruncus Akkermansia

Bacteroidetes Alistipes Roseburia Odoribacter Verrucomicrobia Parabacteroides Porphyromonadaceae Clostridiales Alcaligenaceae Ruminococcaceae Butyriciooccus Rikenellaceae XIV Blautia Oscillibacter Dorea Coprobacillus

tobacillaceae Lactobacillus Steplococcus Bacilli Lactobacillales Firmicutes

Component 3





.actobacillus

Actinomycetaceae Veillonellaceae Micrococcaceae Capnocytophaga Fusobacteriaceae Rothia Aerococcaceae Cardiobacterium Epsilonproteobacteria Actinomyces Fusobacteriales Neisseria Cardiobacteriaceae Streptococcus Flayobacteriales Campylobacterales Campylobacteraceae Flavobacteriaceae Tannerella Fusobacterium Campylobacter Aggregatibacter Fusobacterium
Selenomonas Centipeda Leptotrichia Porphyromonas

Streptococcaceae Granulicatella Veillonella