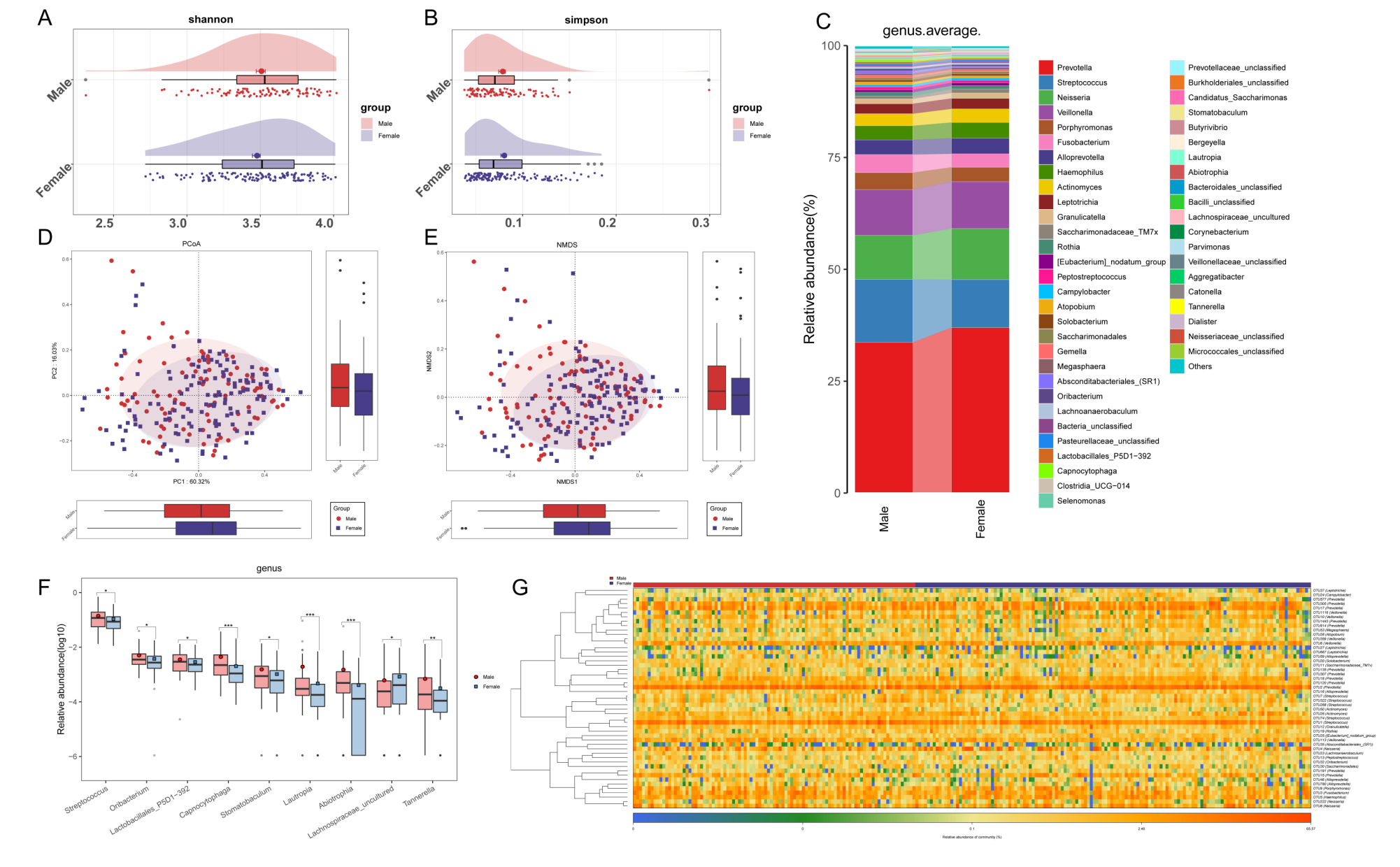
A
shannon
Male
Female
group
Male
Female
2.5
3.0
3.5
4.0
B
simpson
Male
Female
group
Male
Female
0.1
0.2
0.3
C
genus.average.
Relative abundance(%)
100
75
50
25
0
Male
Female
Prevotella
Streptococcus
Neisseria
Veillonella
Porphyromonas
Fusobacterium
Alloprevotella
Haemophilus
Actinomyces
Leptotrichia
Granulicatella
Saccharimonadaceae_TM7x
Rothia
[Eubacterium]_nodatum_group
Peptostreptococcus
Campylobacter
Atopobium
Solobacterium
Saccharimonadales
Gemella
Megasphaera
Absconditabacteriales_(SR1)
Oribacterium
Lachnoanaerobaculum
Bacteria_unclassified
Pasteurellaceae_unclassified
Lactobacillales_P5D1-392
Capnocytophaga
Clostridia_UCG-014
Selenomonas
Prevotellaceae_unclassified
Burkholderiales_unclassified
Candidatus_Saccharimonas
Stomatobaculum
Butyrivibrio
Bergeyella
Lautropia
Abiotrophia
Bacteroidales_unclassified
Bacilli_unclassified
Lachnospiraceae_uncultured
Corynebacterium
Parvimonas
Veillonellaceae_unclassified
Aggregatibacter
Catonella
Tannerella
Dialister
Neisseriaceae_unclassified
Micrococcales_unclassified
Others
D
PCoA
PC2 : 16.03%
PC1 : 60.32%
Male
Female
Group
Male
Female
E
NMDS
NMDS2
NMDS1
Male
Female
Group
Male
Female
F
genus
Relative abundance(log10)
0
−2
−4
−6
Male
Female
Streptococcus
Oribacterium
Lactobacillales_P5D1-392
Capnocytophaga
Stomatobaculum
Lautropia
Abiotrophia
Lachnospiraceae_uncultured
Tannerella
G
Male
Female