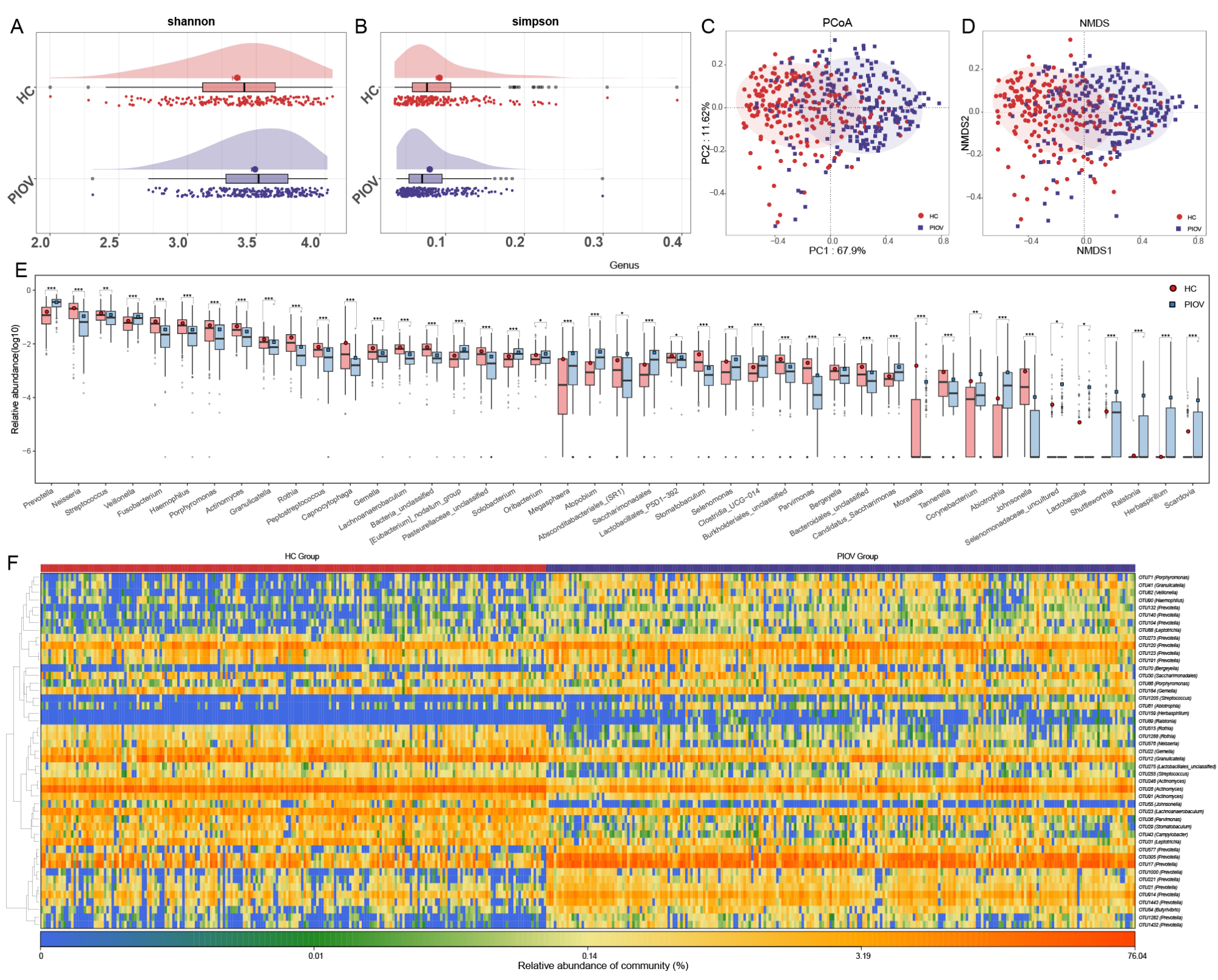
A
shannon
HC
PIOV
2.0
2.5
3.0
3.5
4.0
B
simpson
HC
PIOV
0.1
0.2
0.3
0.4
C
PCoA
PC2 : 11.62%
PC1 : 67.9%
HC
PIOV
D
NMDS
NMDS2
NMDS1
HC
PIOV
E
Genus
Relative abundance(log10)
HC
PIOV
Prevotella
Neisseria
Streptococcus
Veillonella
Fusobacterium
Haemophilus
Porphyromonas
Actinomyces
Granulicatella
Rothia
Peptostreptococcus
Capnocytophaga
Gemella
Lachnoanaerobaculum
Bacteria_unclassified
[Eubacterium]_nodatum_group
Pasteurellaceae_unclassified
Solobacterium
Oribacterium
Megasphaera
Atopobium
Absconditabacteriales_(SR1)
Saccharimonadales
Lactobacillales_P5D1-392
Stomatobaculum
Selenomonas
Clostridia_UCG-014
Burkholderiales_unclassified
Parvimonas
Bergeyella
Bacteroidales_unclassified
Candidatus_Saccharimonas
Moraxella
Tannerella
Corynebacterium
Abiotrophia
Johnsonella
Selenomonadaceae_uncultured
Lactobacillus
Shuttleworthia
Ralstonia
Herbaspirillum
Scardovia
F
HC Group
PIOV Group
OTU71 (Porphyromonas)
OTU41 (Granulicatella)
OTU82 (Veillonella)
OTU60 (Haemophilus)
OTU132 (Prevotella)
OTU140 (Prevotella)
OTU104 (Prevotella)
OTU88 (Leptotrichia)
OTU173 (Prevotella)
OTU120 (Prevotella)
OTU123 (Prevotella)
OTU191 (Prevotella)
OTU70 (Bergeyella)
OTU30 (Saccharimonadales)
OTU86 (Porphyromonas)
OTU184 (Gemella)
OTU1205 (Streptococcus)
OTU81 (Abiotrophia)
OTU152 (Herbaspirillum)
OTU80 (Ralstonia)
OTU515 (Rothia)
OTU1288 (Rothia)
OTU576 (Neisseria)
OTU22 (Gemella)
OTU12 (Granulicatella)
OTU275 (Lactobacillales_unclassified)
OTU55 (Streptococcus)
OTU249 (Actinomyces)
OTU25 (Actinomyces)
OTU91 (Actinomyces)
OTU55 (Johnsonella)
OTU23 (Lachnoanaerobaculum)
OTU36 (Parvimonas)
OTU29 (Stomatobaculum)
OTU43 (Campylobacter)
OTU31 (Leptotrichia)
OTU577 (Prevotella)
OTU305 (Prevotella)
OTU17 (Prevotella)
OTU1000 (Prevotella)
OTU221 (Prevotella)
OTU21 (Prevotella)
OTU414 (Prevotella)
OTU443 (Prevotella)
OTU54 (Butyrivibrio)
OTU1282 (Prevotella)
OTU1432 (Prevotella)
0
0.01
0.14
3.19
76.04
Relative abundance of community (%)