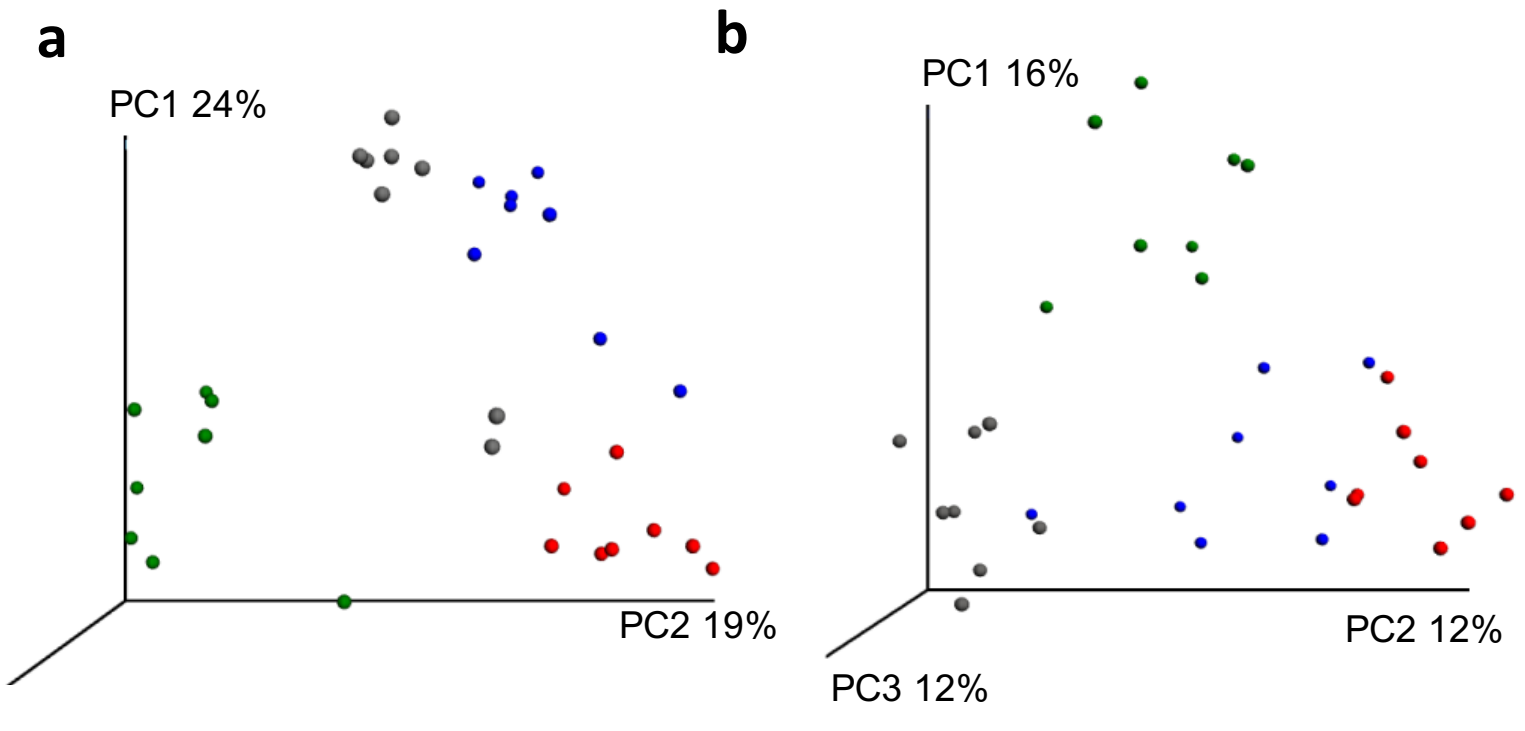
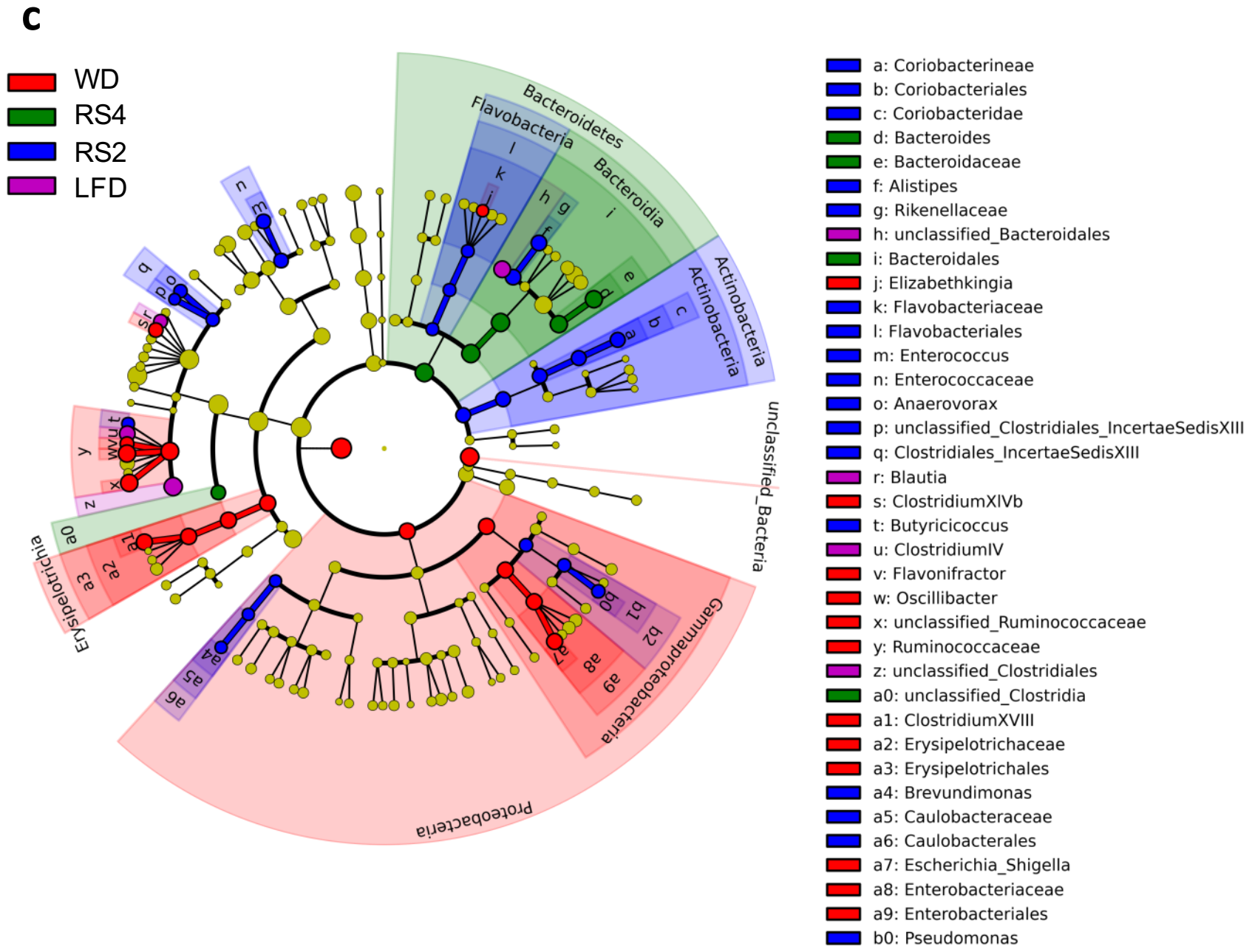
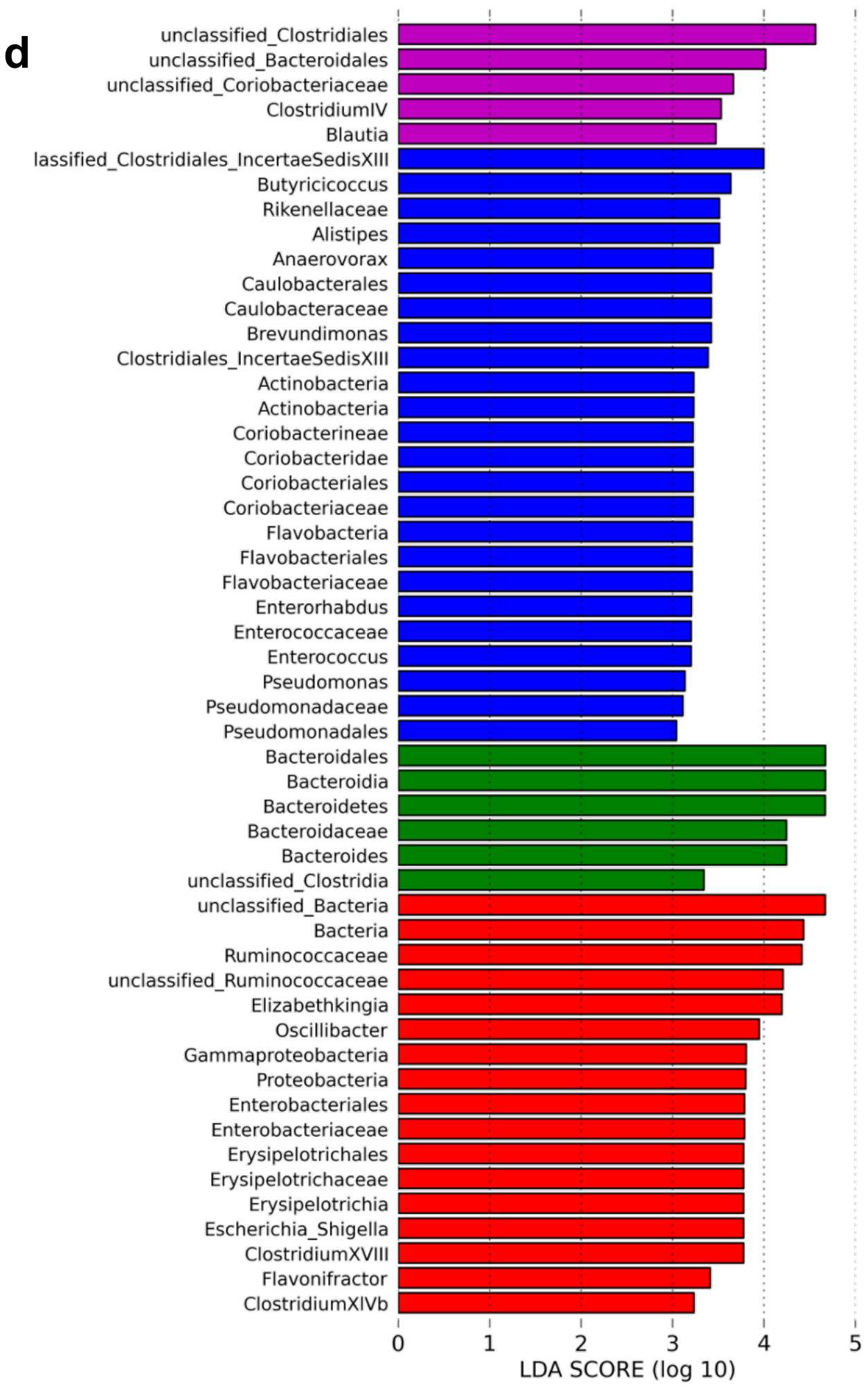
Figure S2


a
PC1 24%
PC2 19%
b
PC1 16%
PC2 12%
PC3 12%


c
WD
RS4
RS2
LFD
Bacteroidetes
Flavobacteria
Bacteroidia
Actinobacteria
Actinobacteria
unclassified_Bacteria
Gammaproteobacteria
Proteobacteria
Erysipelotrichia
a: Coriobacterineae
b: Coriobacteriales
c: Coriobacteridae
d: Bacteroides
e: Bacteroidaceae
f: Alistipes
g: Rikenellaceae
h: unclassified_Bacteroidales
i: Bacteroidales
j: Elizabethkingia
k: Flavobacteriaceae
l: Flavobacteriales
m: Enterococcus
n: Enterococcaceae
o: Anaerovorax
p: unclassified_Clostridiales_IncertaeSedisXIII
q: Clostridiales_IncertaeSedisXIII
r: Blautia
s: ClostridiumXlVb
t: Butyricicoccus
u: ClostridiumIV
v: Flavonifractor
w: Oscillibacter
x: unclassified_Ruminococcaceae
y: Ruminococcaceae
z: unclassified_Clostridiales
a0: unclassified_Clostridia
a1: ClostridiumXVIII
a2: Erysipelotrichaceae
a3: Erysipelotrichales
a4: Brevundimonas
a5: Caulobacteraceae
a6: Caulobacterales
a7: Escherichia_Shigella
a8: Enterobacteriaceae
a9: Enterobacteriales
b0: Pseudomonas


d
unclassified_Clostridiales
unclassified_Bacteroidales
unclassified_Coriobacteriaceae
ClostridiumIV
Blautia
lassified_Clostridiales_IncertaeSedisXIII
Butyricicoccus
Rikenellaceae
Alistipes
Anaerovorax
Caulobacterales
Caulobacteraceae
Brevundimonas
Clostridiales_IncertaeSedisXIII
Actinobacteria
Actinobacteria
Coriobacterineae
Coriobacteridae
Coriobacteriales
Coriobacteriaceae
Flavobacteria
Flavobacteriales
Flavobacteriaceae
Enterorhabdus
Enterococcaceae
Enterococcus
Pseudomonas
Pseudomonadaceae
Pseudomonadales
Bacteroidales
Bacteroidia
Bacteroidetes
Bacteroidaceae
Bacteroides
unclassified_Clostridia
unclassified_Bacteria
Bacteria
Ruminococcaceae
unclassified_Ruminococcaceae
Elizabethkingia
Oscillibacter
Gammaproteobacteria
Proteobacteria
Enterobacteriales
Enterobacteriaceae
Erysipelotrichales
Erysipelotrichaceae
Erysipelotrichia
Escherichia_Shigella
ClostridiumXVIII
Flavonifractor
ClostridiumXlVb
0
1
2
3
4
5
LDA SCORE (log 10)