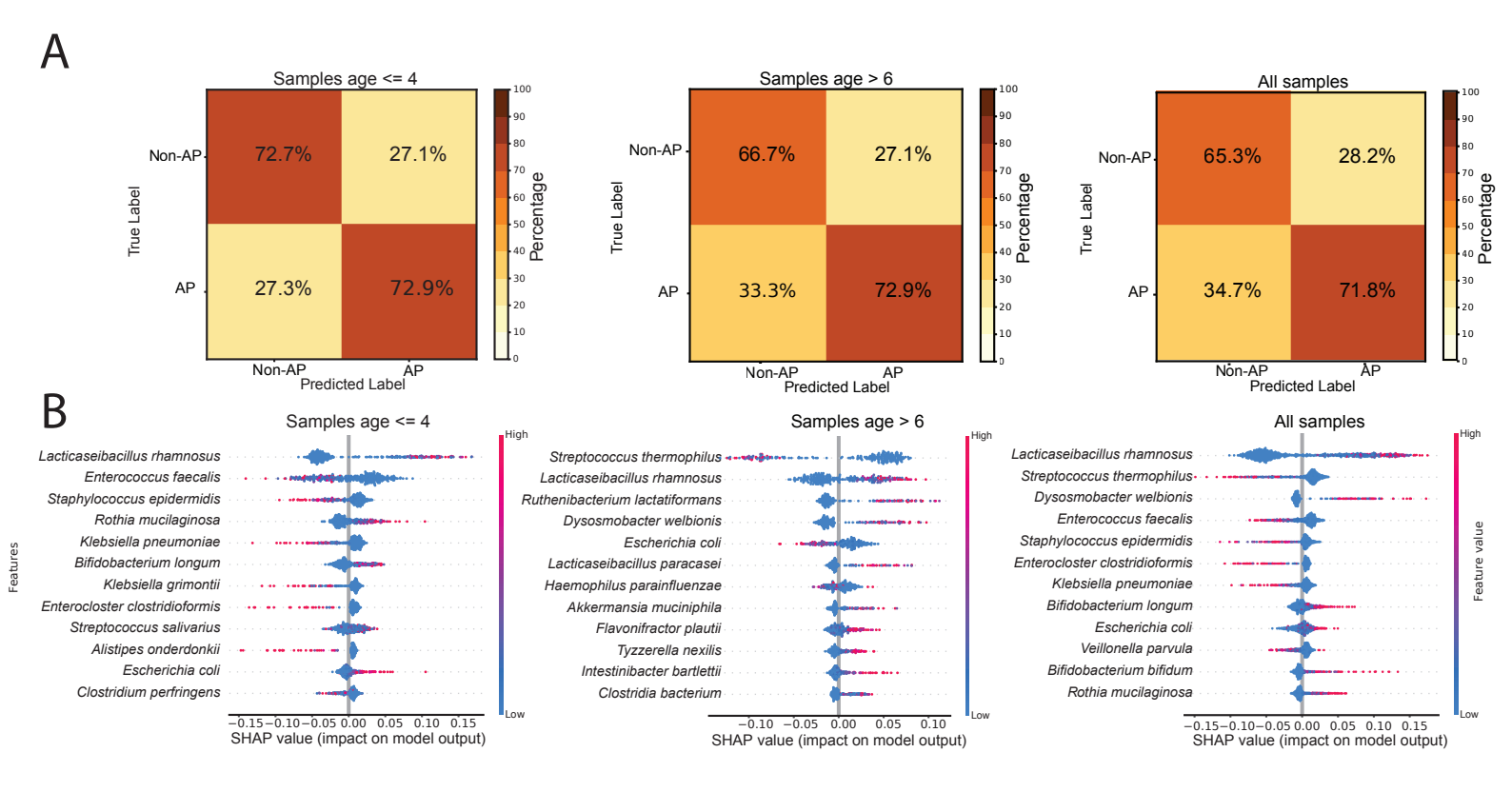
A
Samples age <= 4
Non-AP
AP
72.7%
27.1%
27.3%
72.9%
True Label
Predicted Label
Percentage
Samples age > 6
66.7%
27.1%
33.3%
72.9%
All samples
65.3%
28.2%
34.7%
71.8%
B
Samples age <= 4
Lacticaseibacillus rhamnosus
Enterococcus faecalis
Staphylococcus epidermidis
Rothia mucilaginosa
Klebsiella pneumoniae
Bifidobacterium longum
Klebsiella grimontii
Enterocloster clostridioformis
Streptococcus salivarius
Alistipes onderdonkii
Escherichia coli
Clostridium perfringens
Samples age > 6
Streptococcus thermophilus
Lacticaseibacillus rhamnosus
Ruthenibacterium lactatiformans
Dysosmobacter welbionis
Escherichia coli
Lacticaseibacillus paracasei
Haemophilus parainfluenzae
Akkermansia muciniphila
Flavonifractor plautii
Tyzzerella nexilis
Intestinibacter bartlettii
Clostridia bacterium
All samples
Lacticaseibacillus rhamnosus
Streptococcus thermophilus
Dysosmobacter welbionis
Enterococcus faecalis
Staphylococcus epidermidis
Enterocloster clostridioformis
Klebsiella pneumoniae
Bifidobacterium longum
Escherichia coli
Veillonella parvula
Bifidobacterium bifidum
Rothia mucilaginosa
Features
SHAP value (impact on model output)
Feature value
High
Low