red dots indicate clinical complication black asterisks indicate ABx intake (other than prophylactic) **ABxSubClass** 1.0 carbapeneme,cephalosporine,others 0.5 carbapeneme,cephalosporine,others,penicillin 0.0 carbapeneme,others carbapeneme,others,penicillin 1.0 carbapeneme,penicillin 0.5 cephalosporine 0.0 cephalosporine,others cephalosporine,others,penicillin 1.0 others 0.5 others,penicillin 0.0 penicillin 1.0 0.5 taxa Lachnospiraceae 0.0 Ruminococcaceae Bacteroidaceae S 0.5 Bifidobacteriaceae 0.0 Streptococcaceae Prevotellaceae 1.0 Coriobacteriaceae 0.5 Acidaminococcaceae 0.0 Eubacteriaceae 1.0 Enterobacteriaceae 0.5 other unclassified 0.0

**PSN**