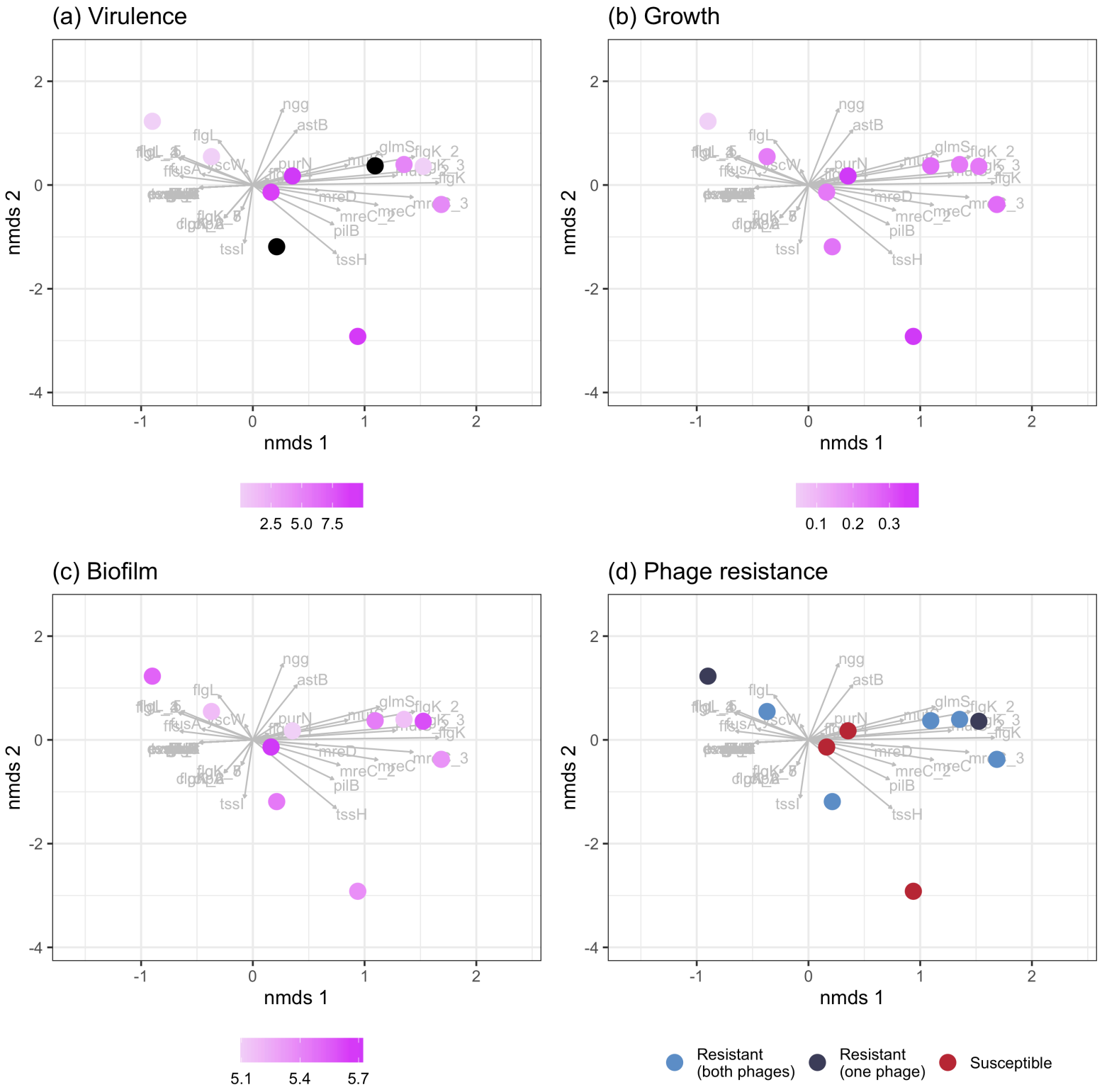
(a) Virulence
(b) Growth
(c) Biofilm
(d) Phage resistance
nmds 1
nmds 2
ngg
astB
flgL
glmS
flgK_2
flgK_3
flgK
purN
mreD
mreC_2
mreC
pilB
tssI
tssH
2.5 5.0 7.5
0.1 0.2 0.3
5.1 5.4 5.7
Resistant (both phages)
Resistant (one phage)
Susceptible