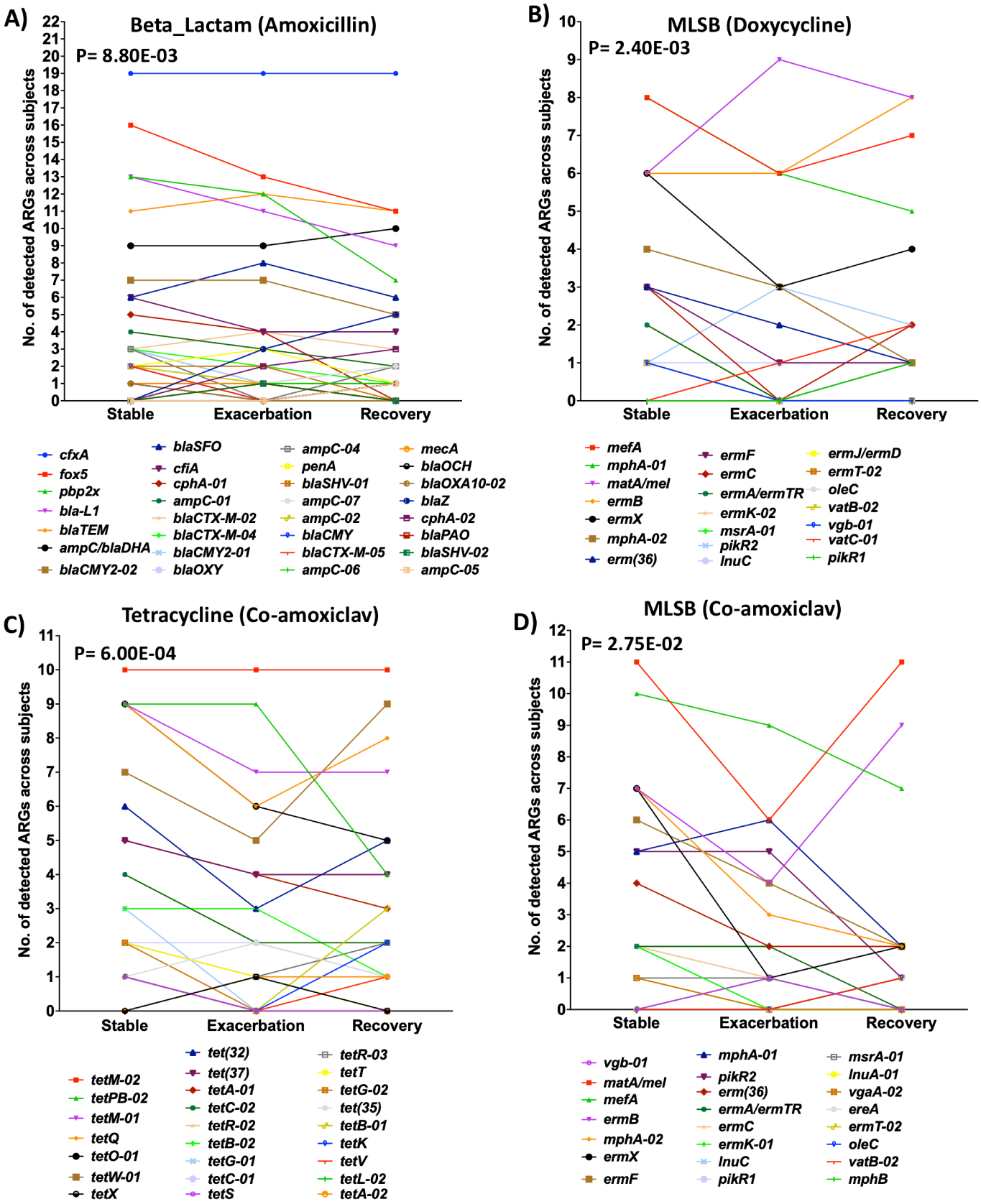
A)
Beta_Lactam (Amoxicillin)
P= 8.80E-03
No. of detected ARGs across subjects
Stable
Exacerbation
Recovery
cfxA
fox5
pbp2x
bla-L1
blaTEM
ampC/blaDHA
blaCMY2-02
blaSFO
cfiA
cphA-01
ampC-01
blaCTX-M-02
blaCTX-M-04
blaCMY2-01
blaOXY
ampC-04
penA
blaSHV-01
ampC-07
ampC-02
blaCMY
blaCTX-M-05
ampC-06
mecA
blaOCH
blaOXA10-02
blaZ
cphA-02
blaPAO
blaSHV-02
ampC-05
B)
MLSB (Doxycycline)
P= 2.40E-03
No. of detected ARGs across subjects
Stable
Exacerbation
Recovery
mefA
mphA-01
matA/mel
ermB
ermX
mphA-02
erm(36)
ermF
ermC
ermA/ermTR
ermK-02
msrA-01
pikR2
lnuC
ermJ/ermD
ermT-02
oleC
vatB-02
vgb-01
vatC-01
pikR1
C)
Tetracycline (Co-amoxiclav)
P= 6.00E-04
No. of detected ARGs across subjects
Stable
Exacerbation
Recovery
tetM-02
tetPB-02
tetM-01
tetQ
tetO-01
tetW-01
tetX
tet(32)
tet(37)
tetA-01
tetC-02
tetR-02
tetB-02
tetG-01
tetC-01
tetS
tetR-03
tetT
tetG-02
tet(35)
tetB-01
tetK
tetV
tetL-02
tetA-02
D)
MLSB (Co-amoxiclav)
P= 2.75E-02
No. of detected ARGs across subjects
Stable
Exacerbation
Recovery
vgb-01
matA/mel
mefA
ermB
mphA-02
ermX
ermF
mphA-01
pikR2
erm(36)
ermA/ermTR
ermC
ermK-01
lnuC
pikR1
msrA-01
lnuA-01
vgaA-02
ereA
ermT-02
oleC
vatB-02
mphB