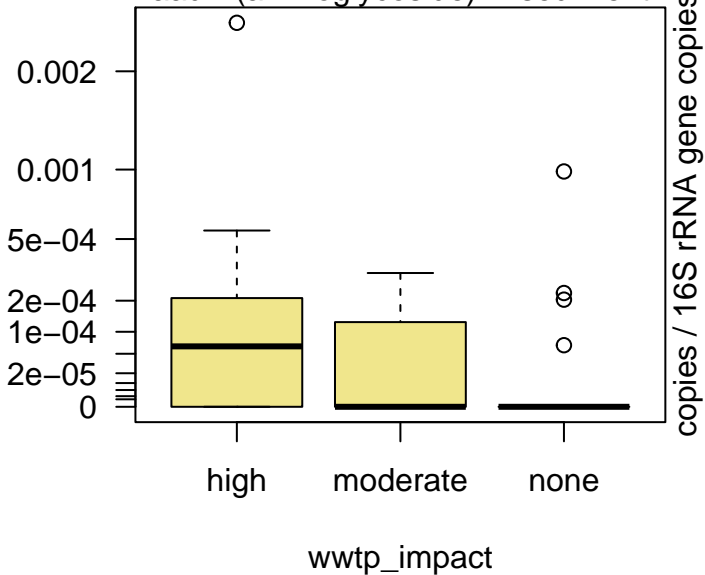
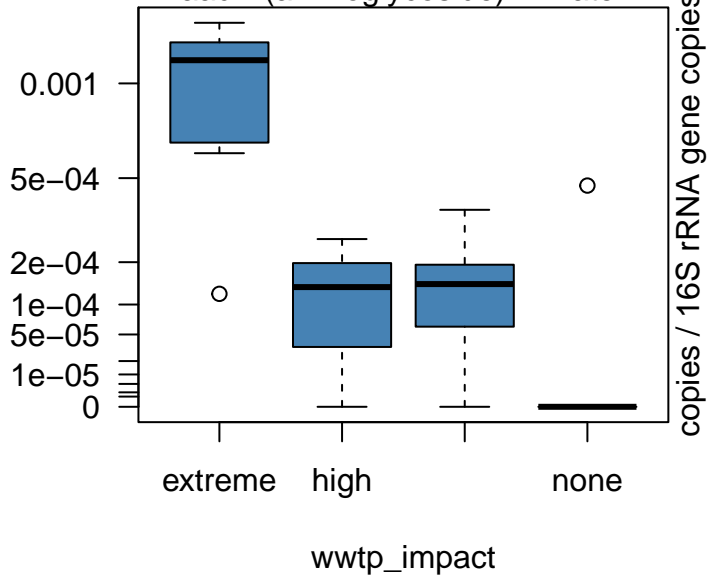


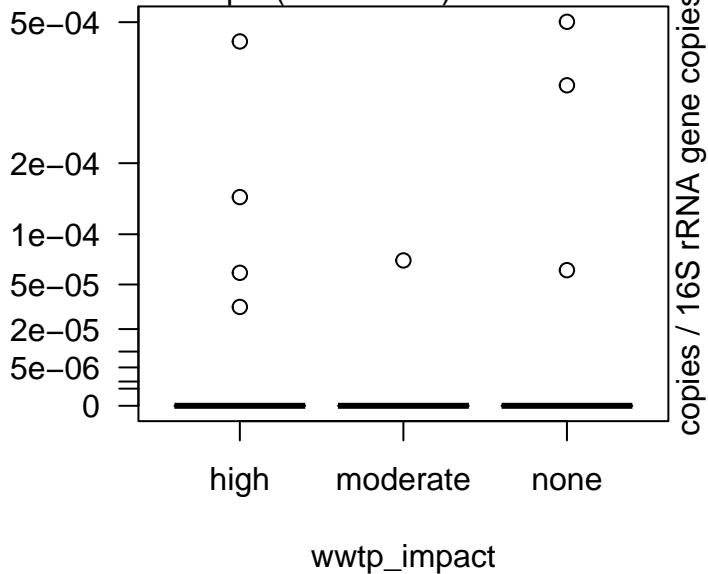
aadA (aminoglycoside) in sediment

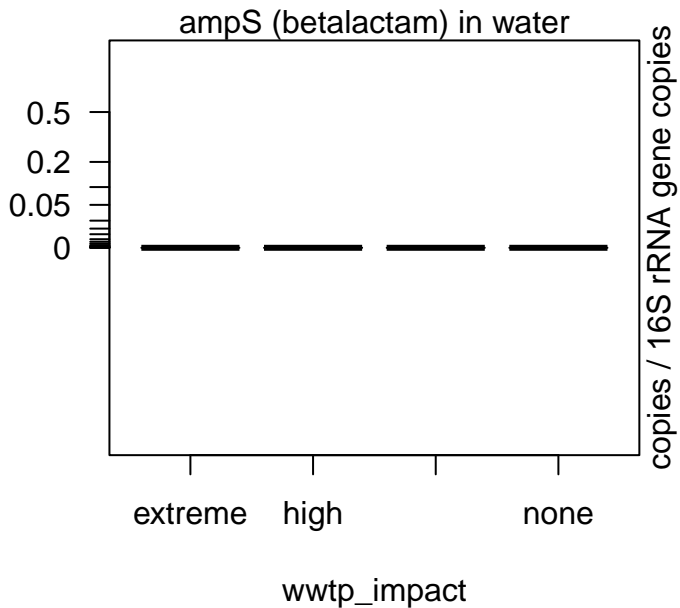


aadA (aminoglycoside) in water

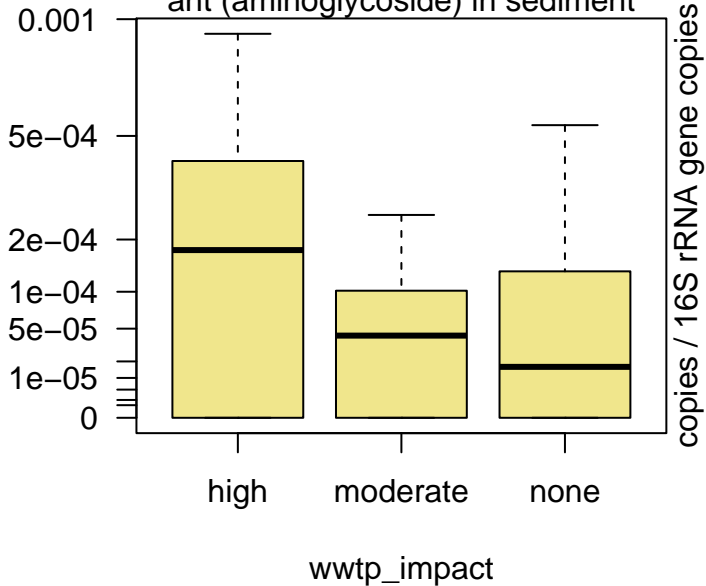


ampS (betalactam) in sediment

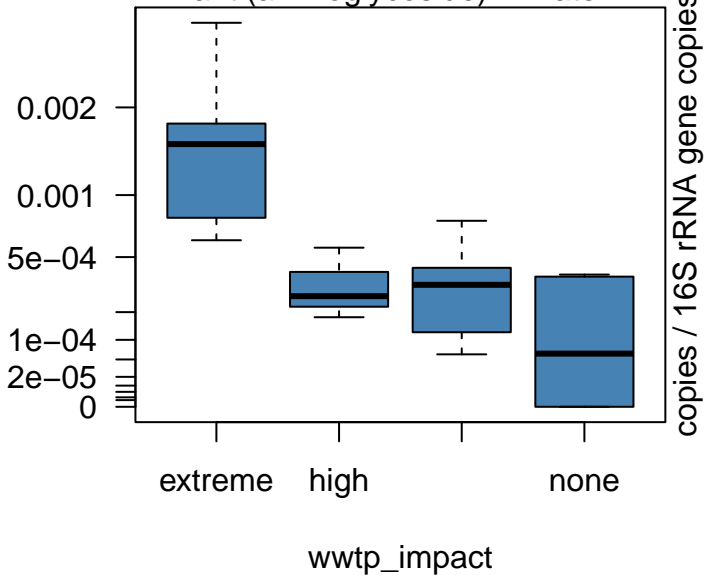




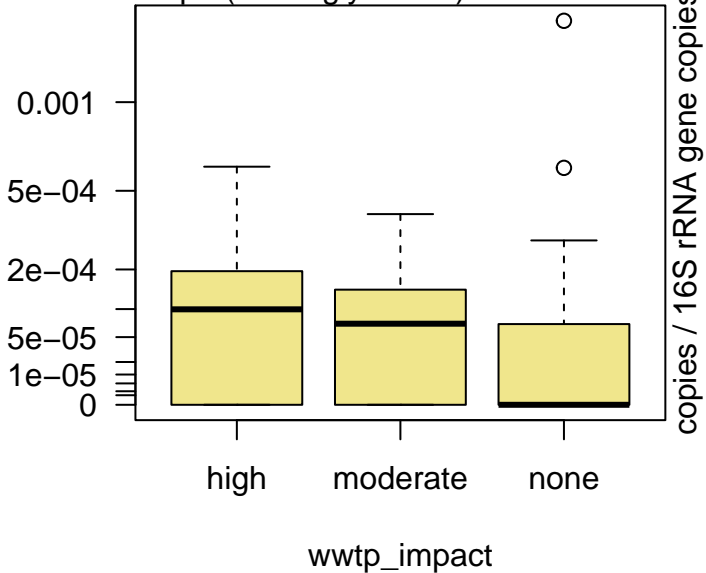
ant (aminoglycoside) in sediment



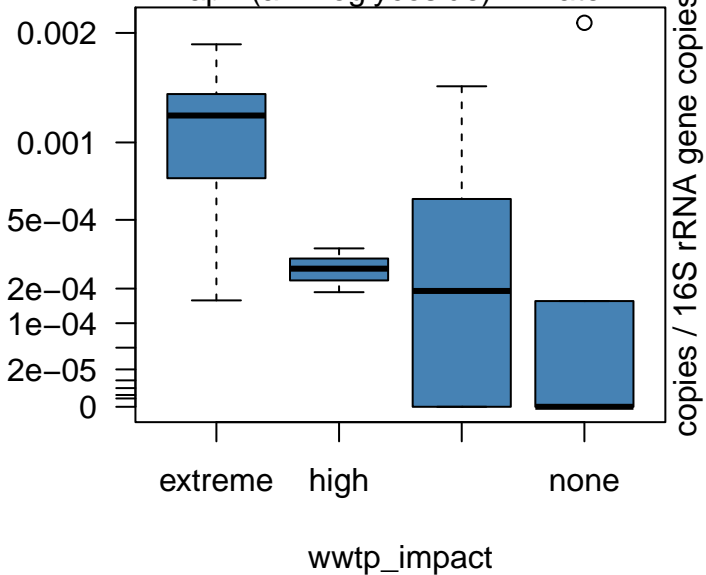
ant (aminoglycoside) in water



aph (aminoglycoside) in sediment



aph (aminoglycoside) in water



blaBEL (betalactam) in sediment

$5e-05$

$2e-05$

$1e-05$

$5e-06$

$1e-06$

0

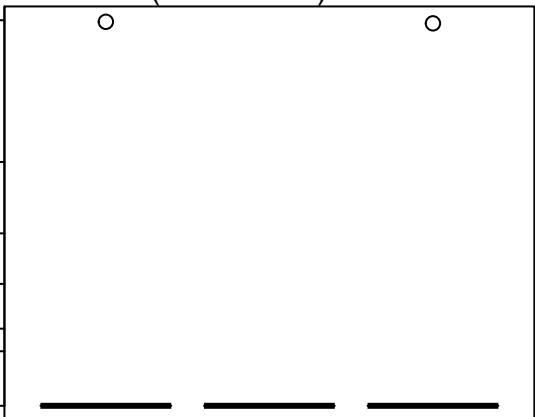
copies / 16S rRNA gene copies

high

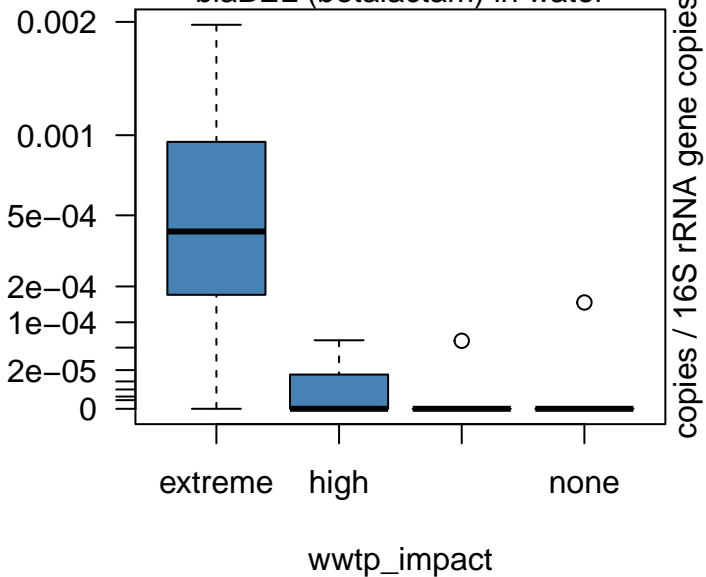
moderate

none

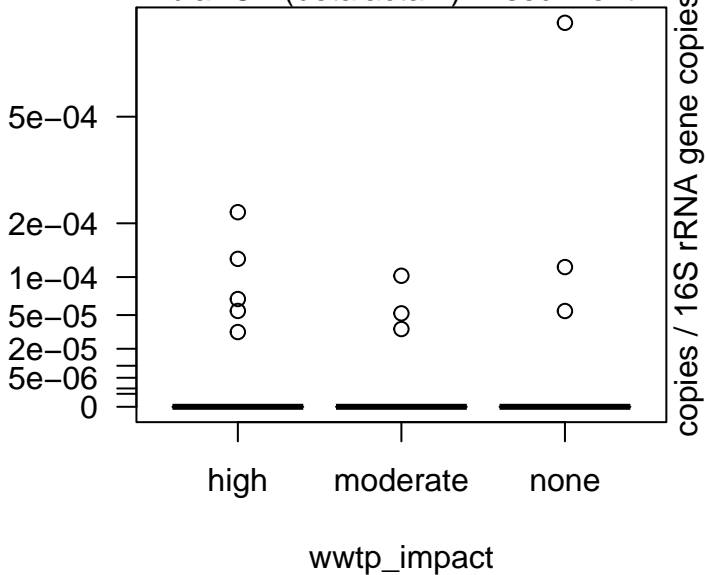
wwtp\_impact



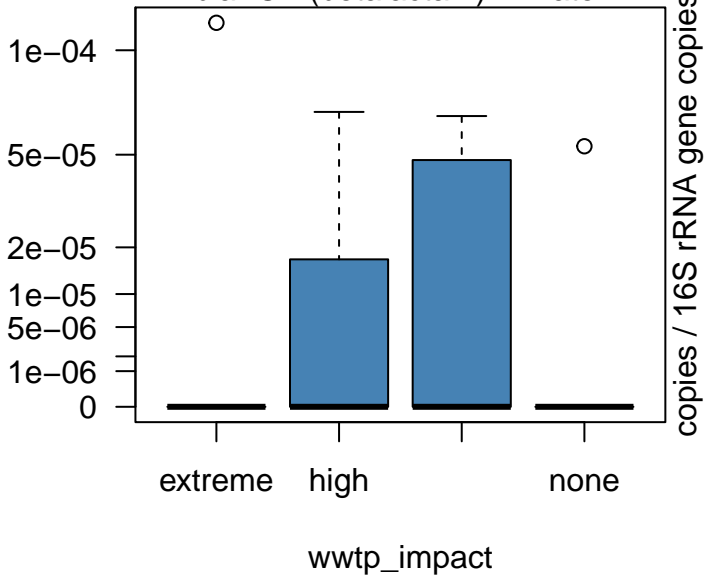
blaBEL (betalactam) in water

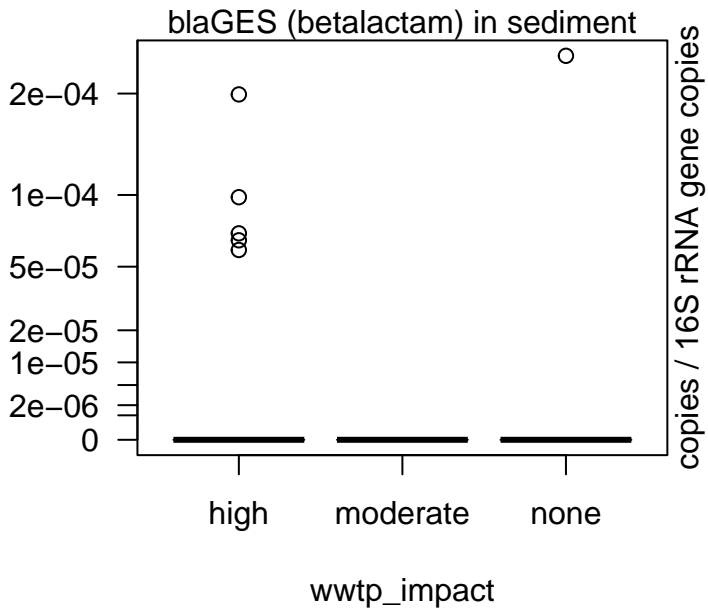


blaFOX (betalactam) in sediment

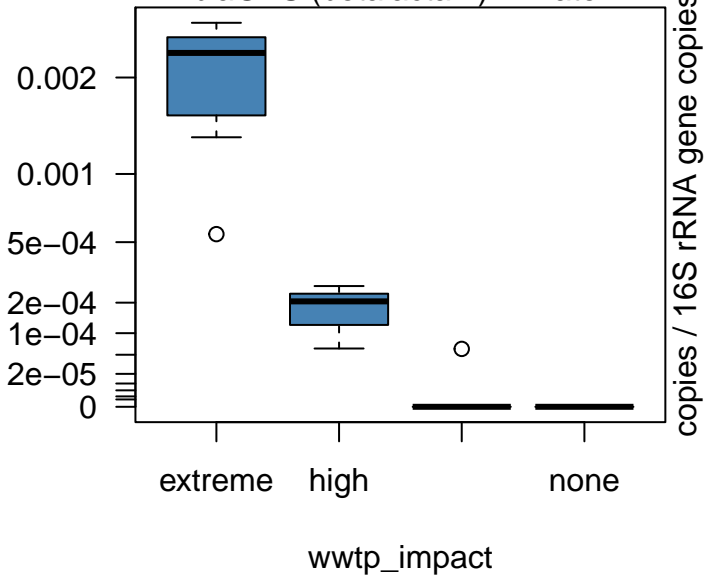


blaFOX (betalactam) in water

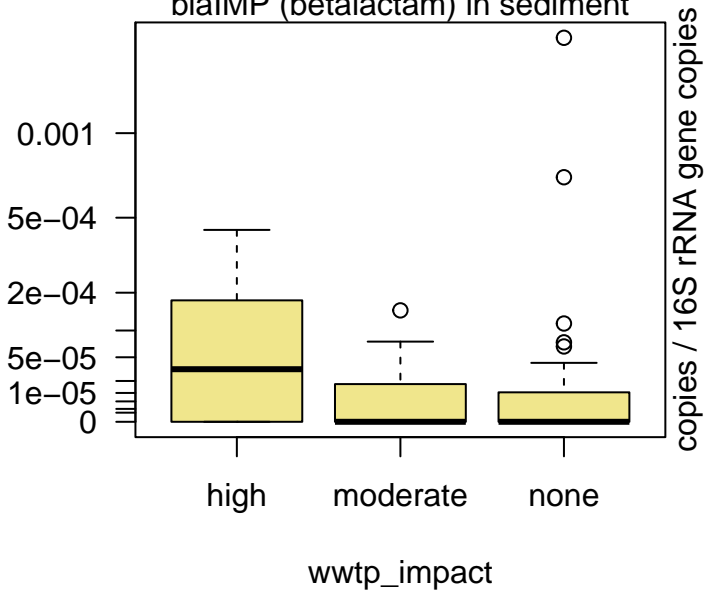




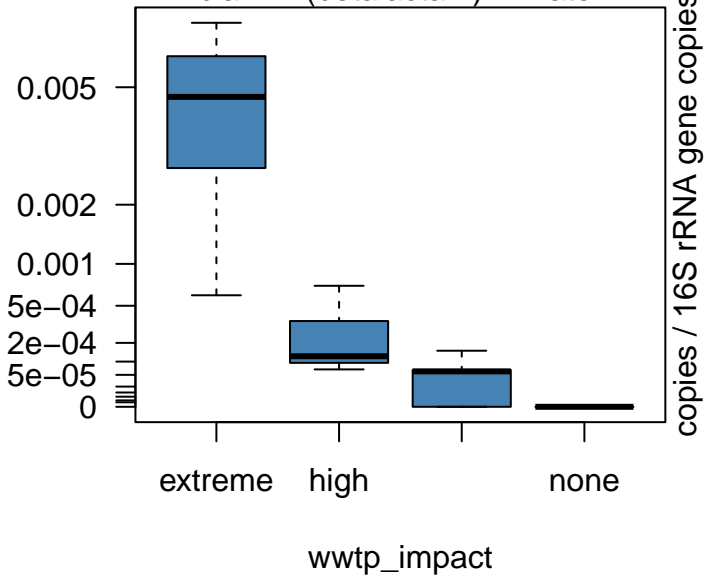
# blaGES (betalactam) in water



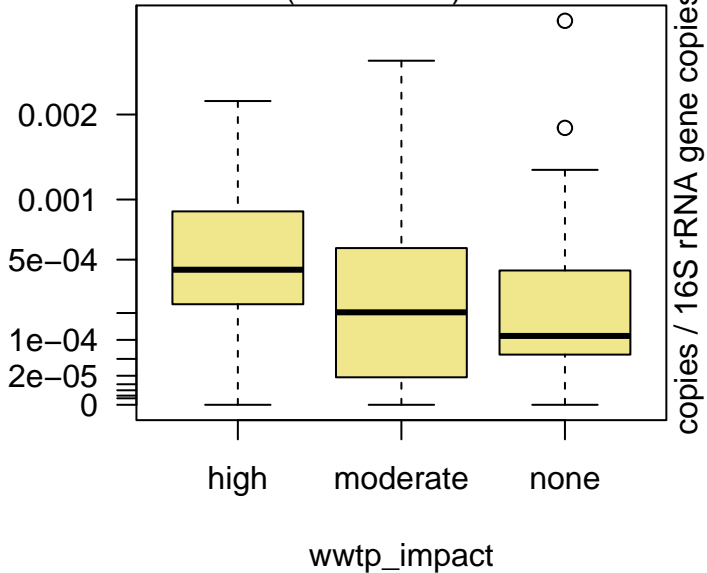
blaIMP (betalactam) in sediment



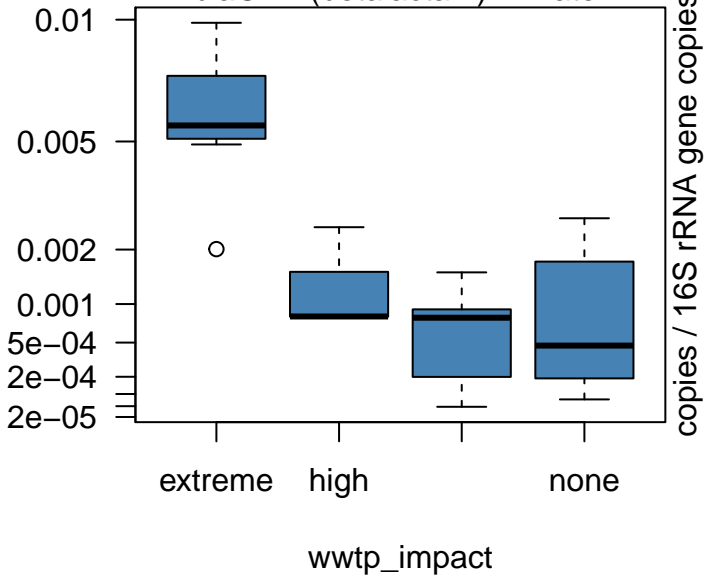
blaIMP (betalactam) in water



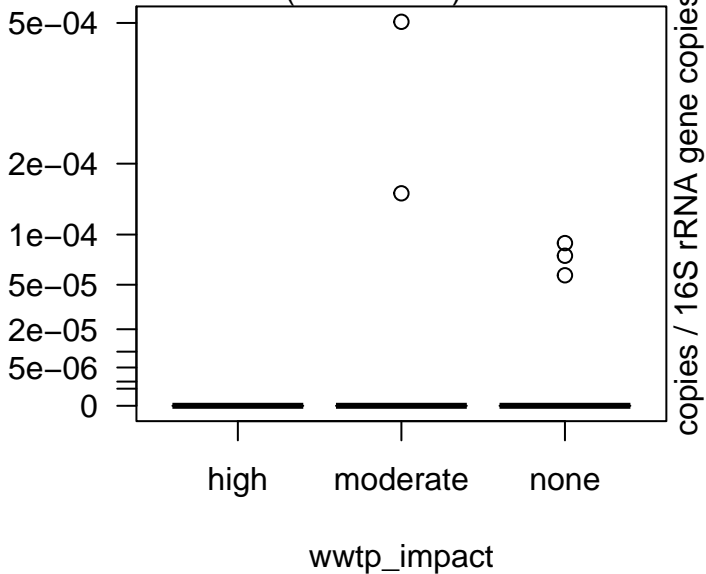
blaOXA (betalactam) in sediment

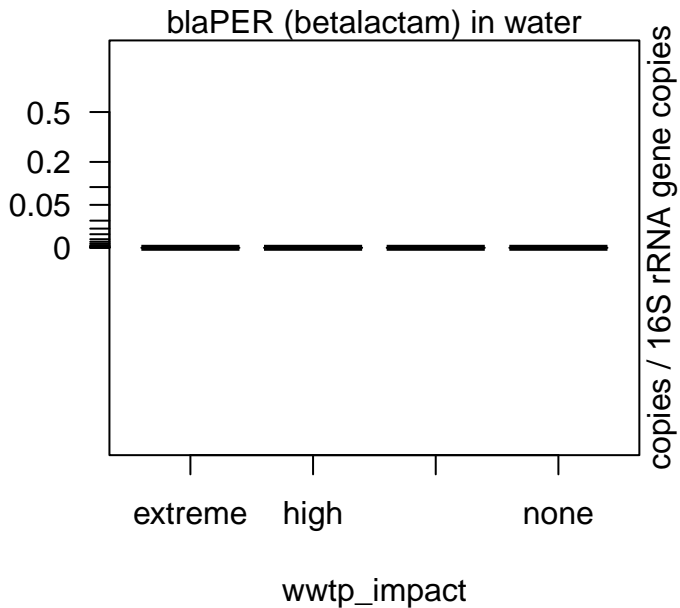


blaOXA (betalactam) in water

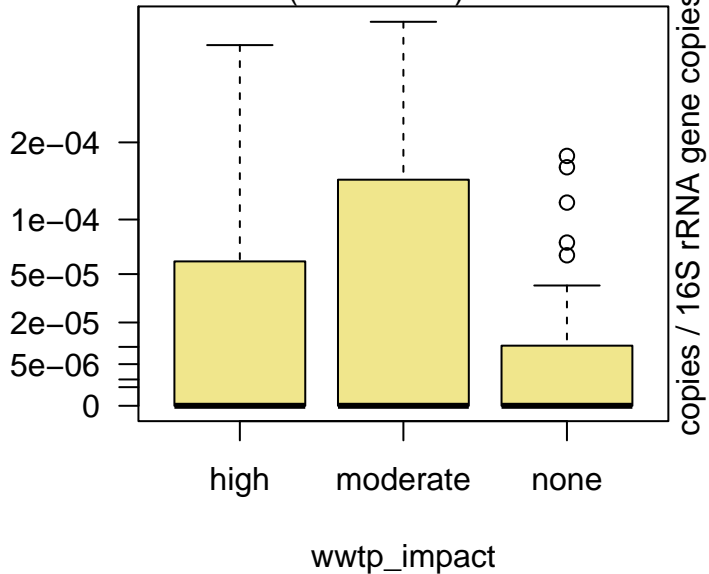


blaPER (betalactam) in sediment

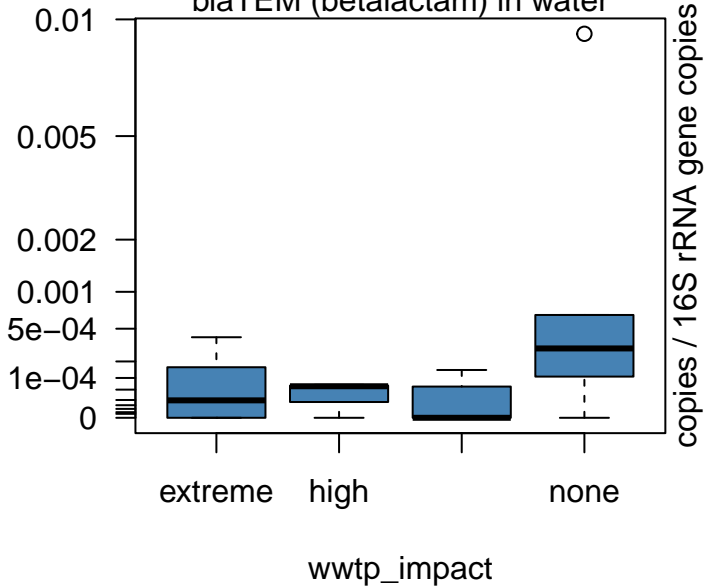




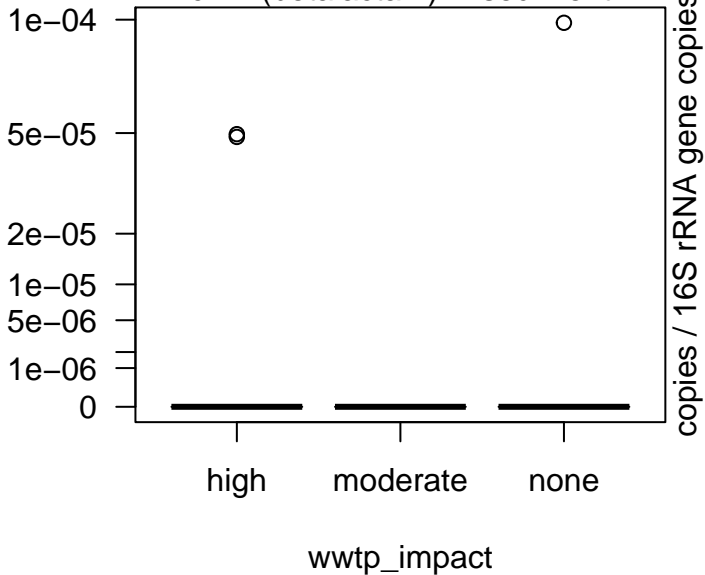
blaTEM (betalactam) in sediment

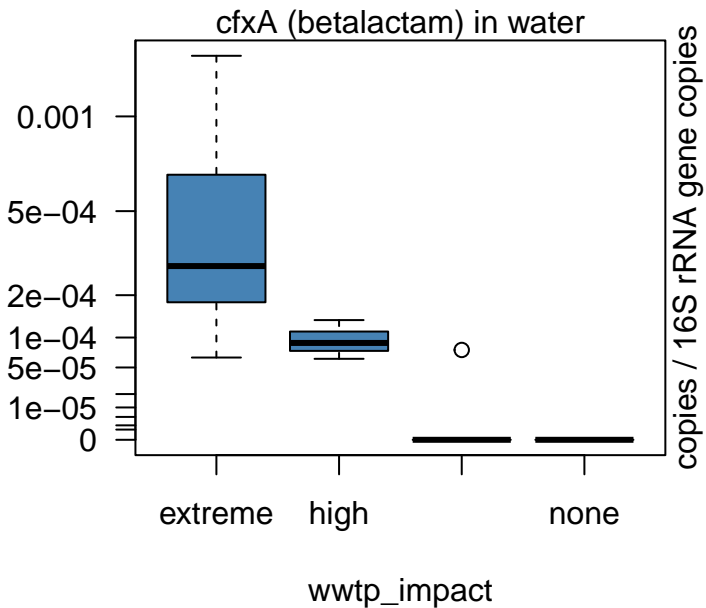


blaTEM (betalactam) in water

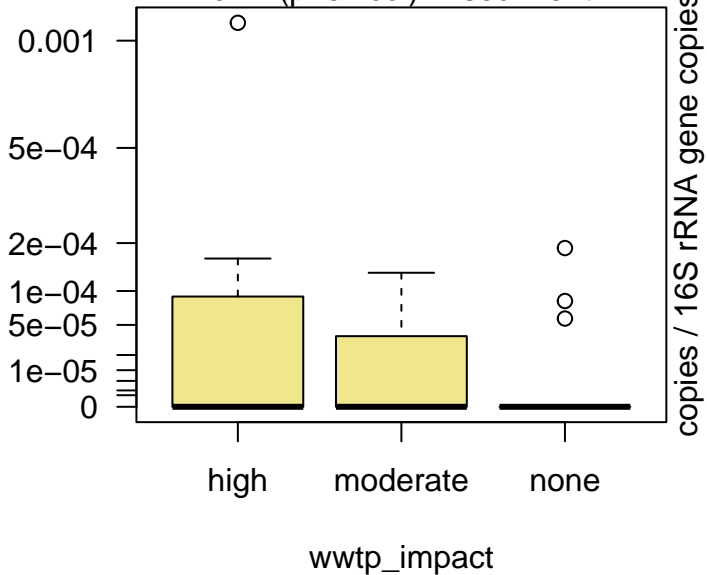


cfxA (betalactam) in sediment





cmx (phenicol) in sediment



cmx (phenicol) in water

0.001

5e-04

2e-04

1e-04

5e-05

1e-05

0

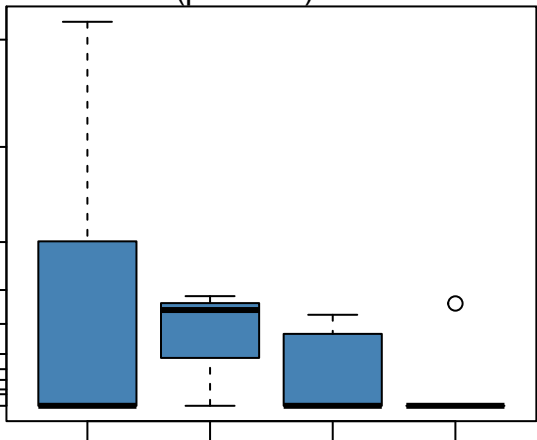
copies / 16S rRNA gene copies

extreme

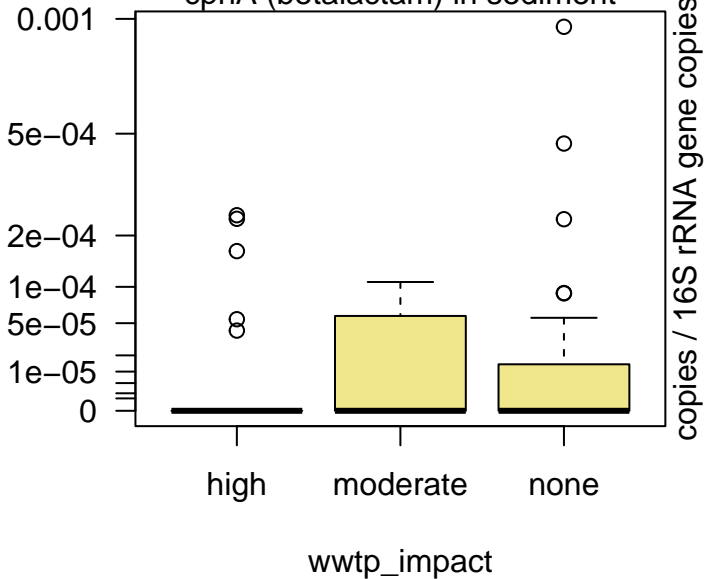
high

none

wwtp\_impact



cphA (betalactam) in sediment



cphA (betalactam) in water

1e-04

5e-05

2e-05

1e-05

5e-06

1e-06

0

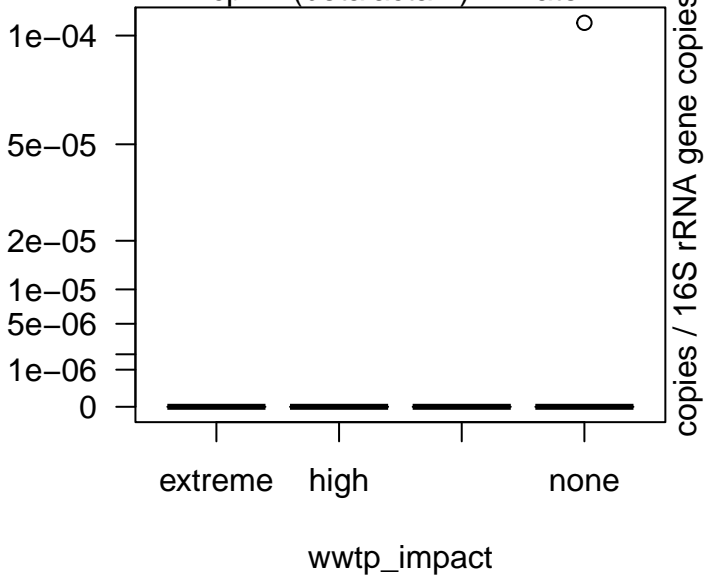
copies / 16S rRNA gene copies

extreme

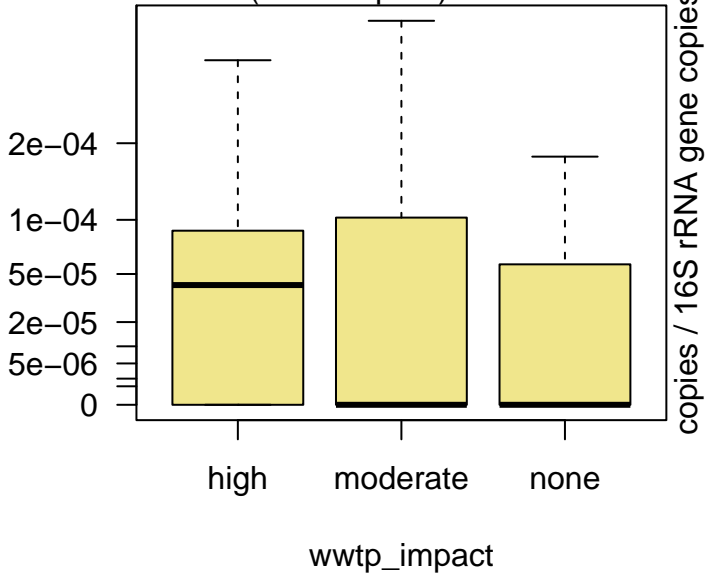
high

none

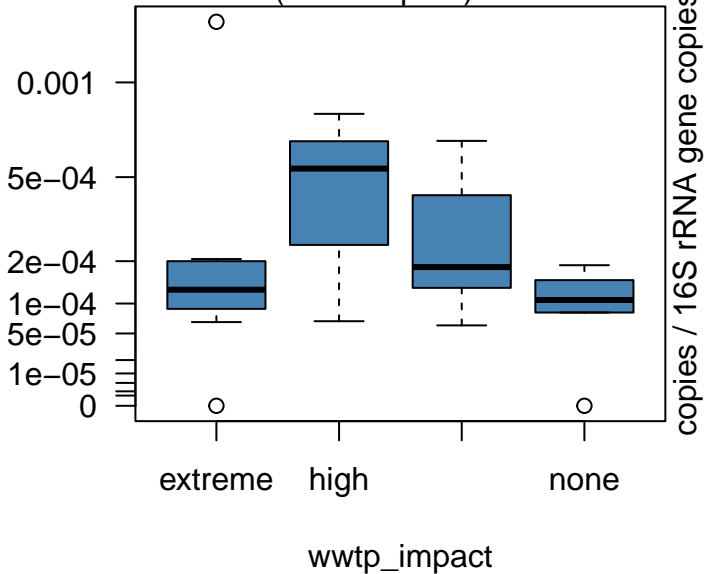
wwtp\_impact



dfrA (trimethoprim) in sediment



dfrA (trimethoprim) in water



dfrB (trimethoprim) in sediment

5e-04

2e-04

1e-04

5e-05

2e-05

5e-06

0

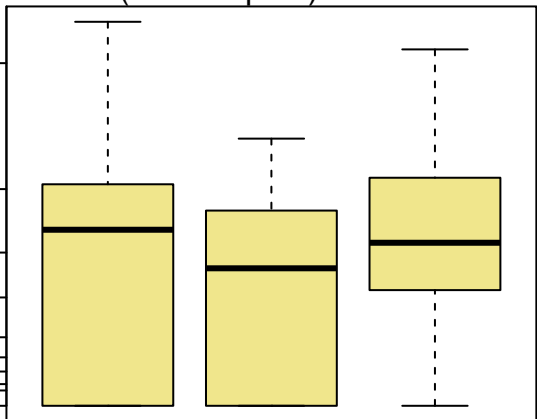
high

moderate

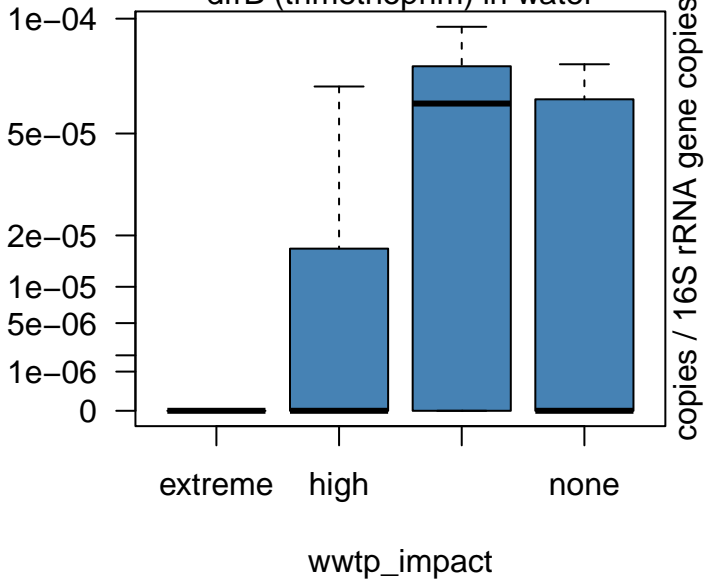
none

wwtp\_impact

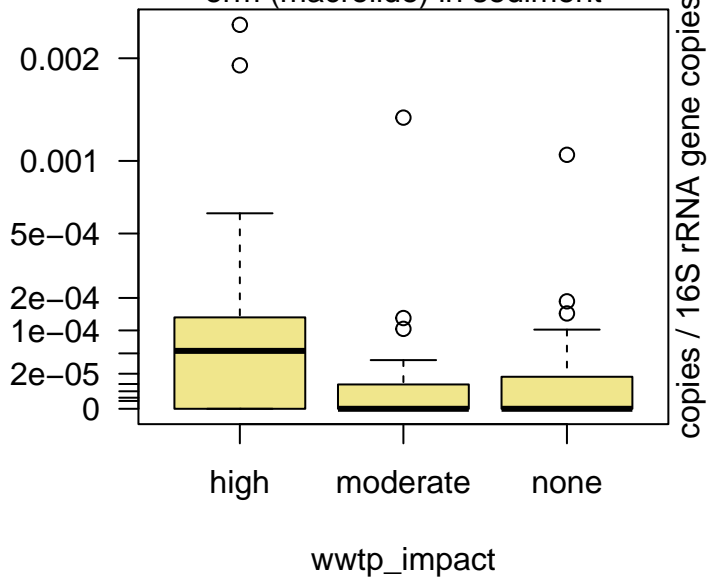
copies / 16S rRNA gene copies

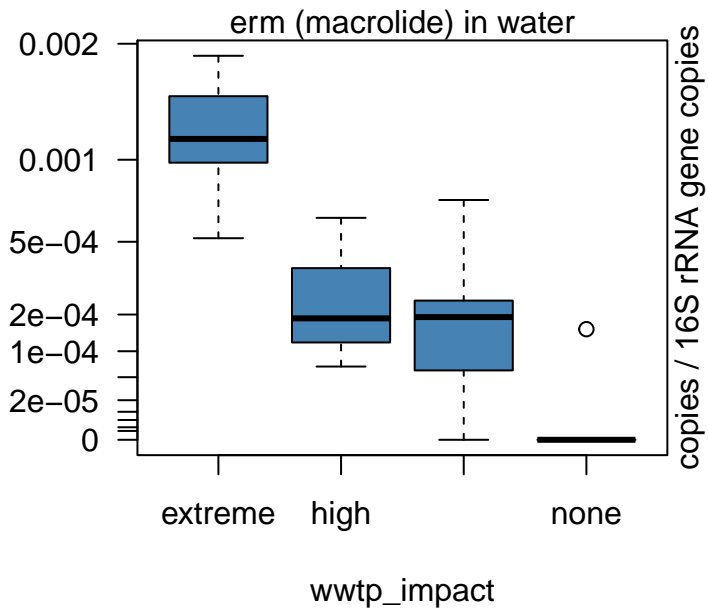


dfrB (trimethoprim) in water

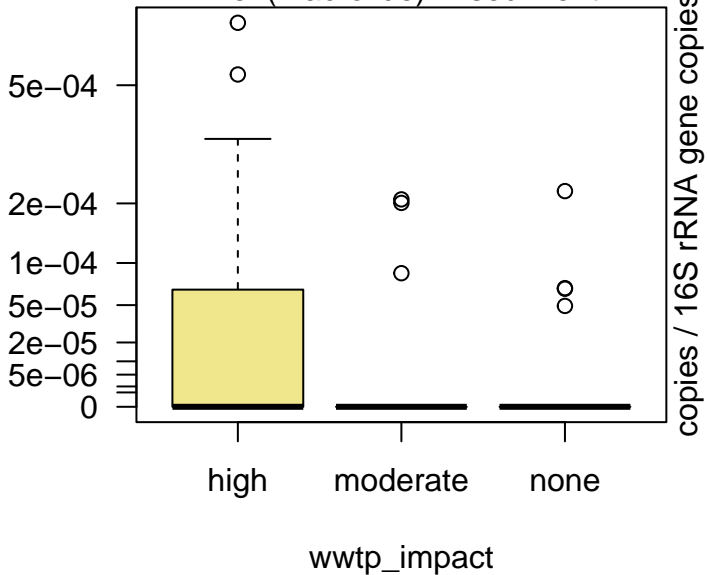


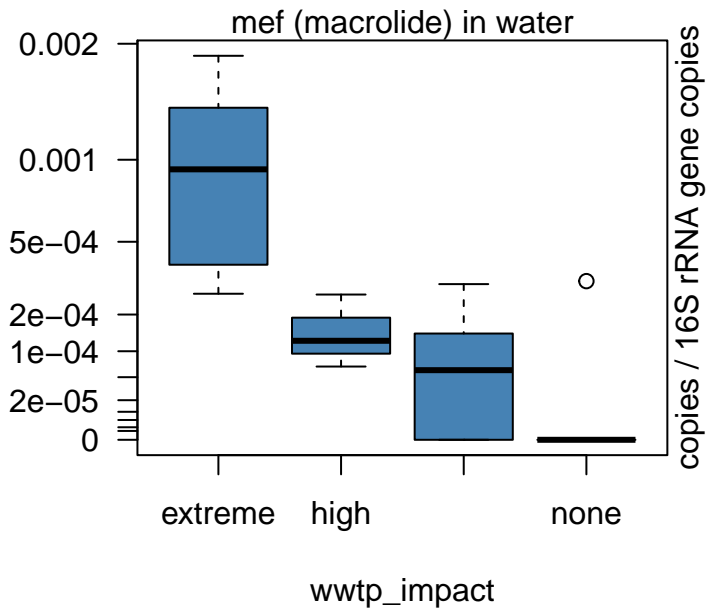
erm (macrolide) in sediment



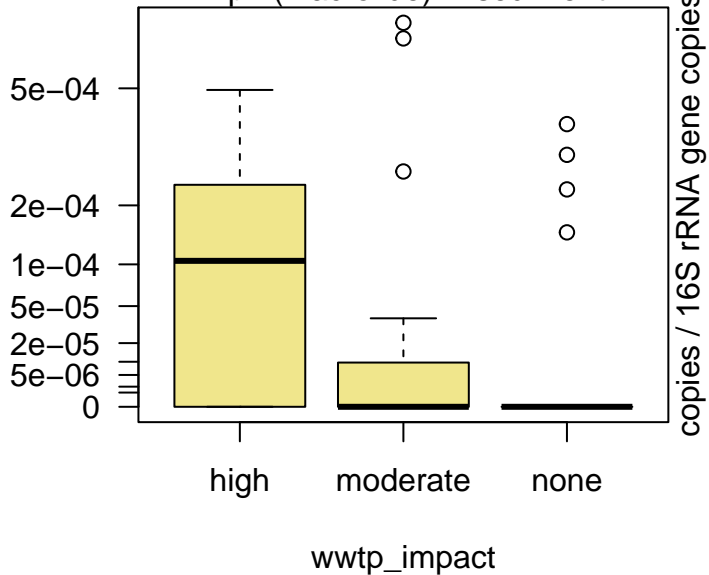


mef (macrolide) in sediment





mph (macrolide) in sediment



mph (macrolide) in water

0.001  
5e-04  
2e-04  
1e-04  
5e-05  
1e-05  
0

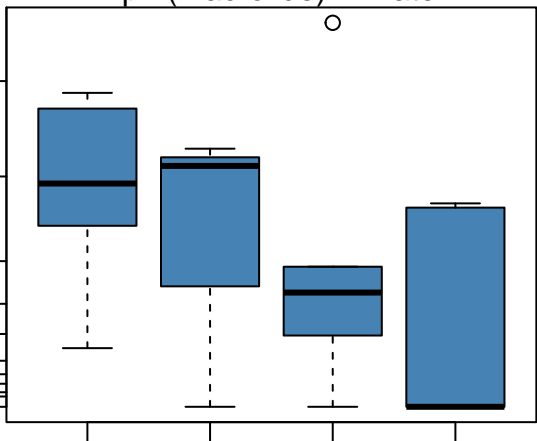
copies / 16S rRNA gene copies

extreme

high

none

wwtp\_impact



msr (macrolide) in sediment

0.001

5e-04

2e-04

1e-04

5e-05

1e-05

0

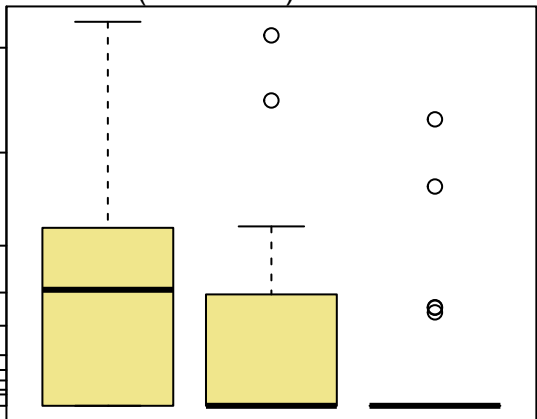
high

moderate

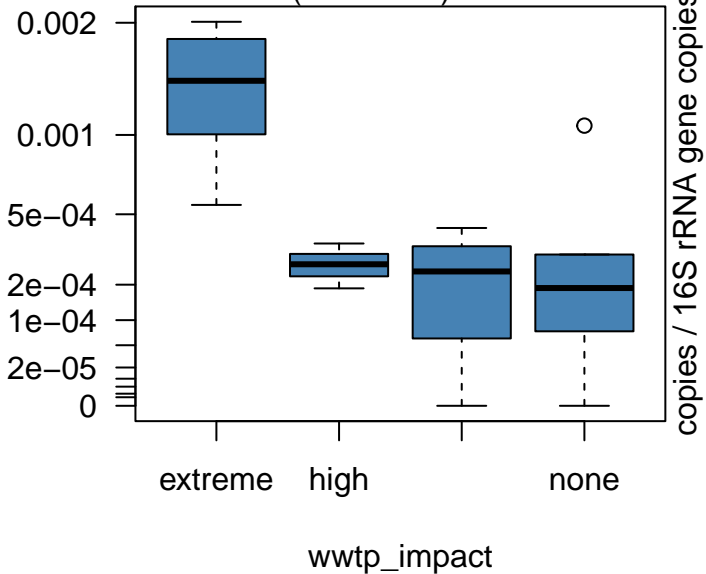
none

wwtp\_impact

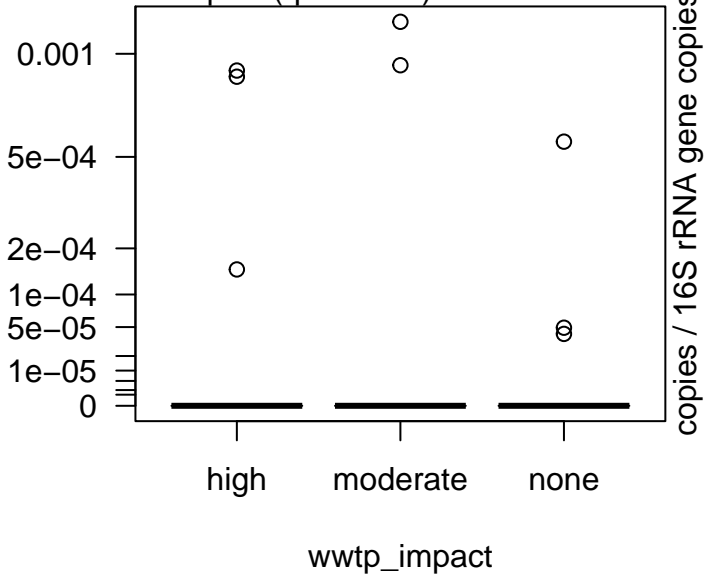
copies / 16S rRNA gene copies

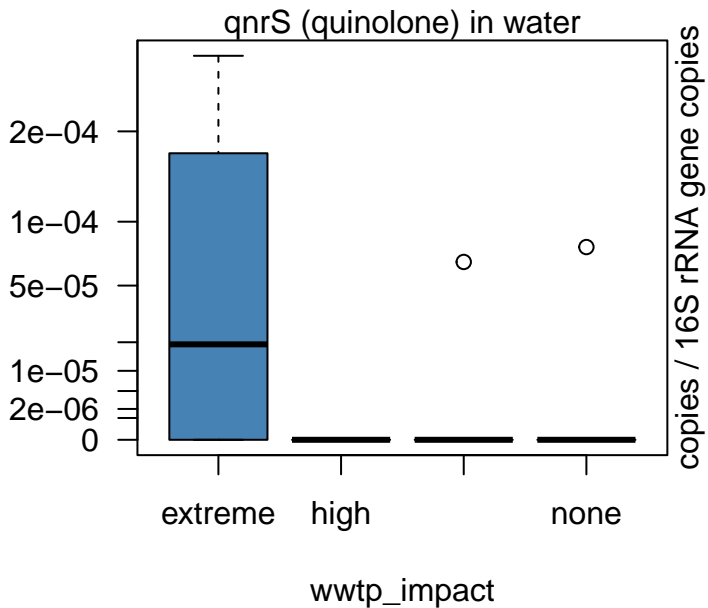


msr (macrolide) in water

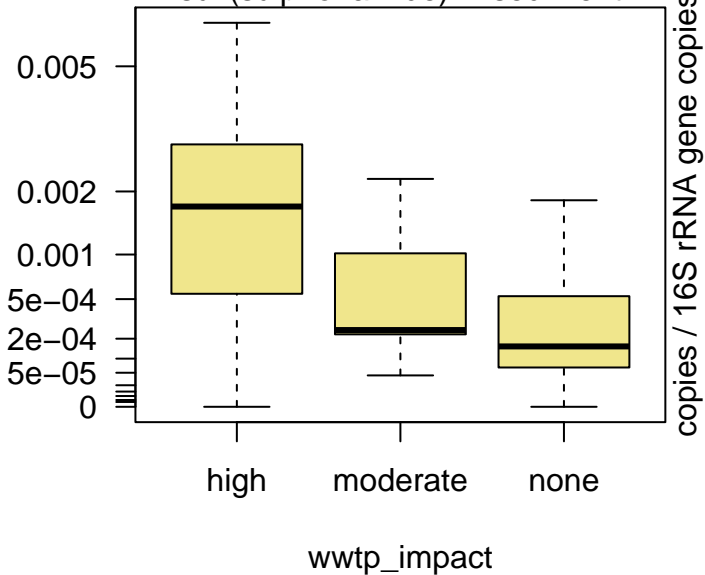


qnrS (quinolone) in sediment

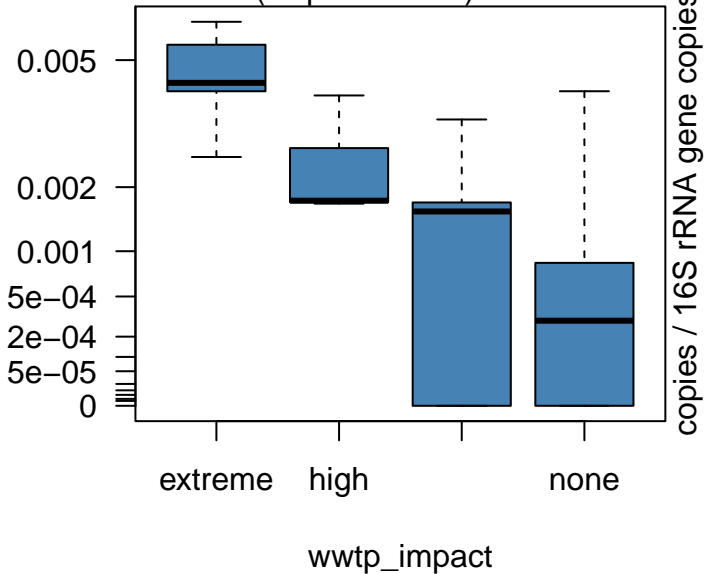




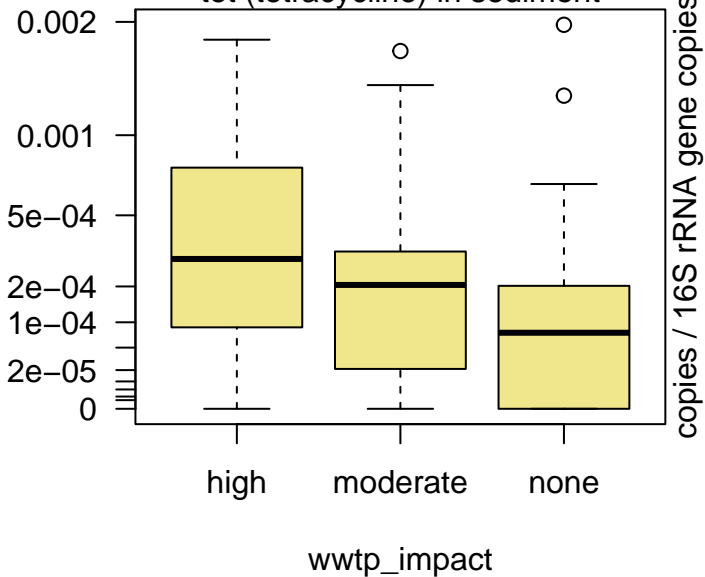
sul (sulphonamide) in sediment



sul (sulphonamide) in water



tet (tetracycline) in sediment



tet (tetracycline) in water

