

# Effect of heavy metal pollution on the incidence of antibiotic resistance in *Aeromonas hydrophila* isolates obtained from the surface of fish

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## Fourmile Branch – Transformed AR Proportions *Ameiurus sp.*

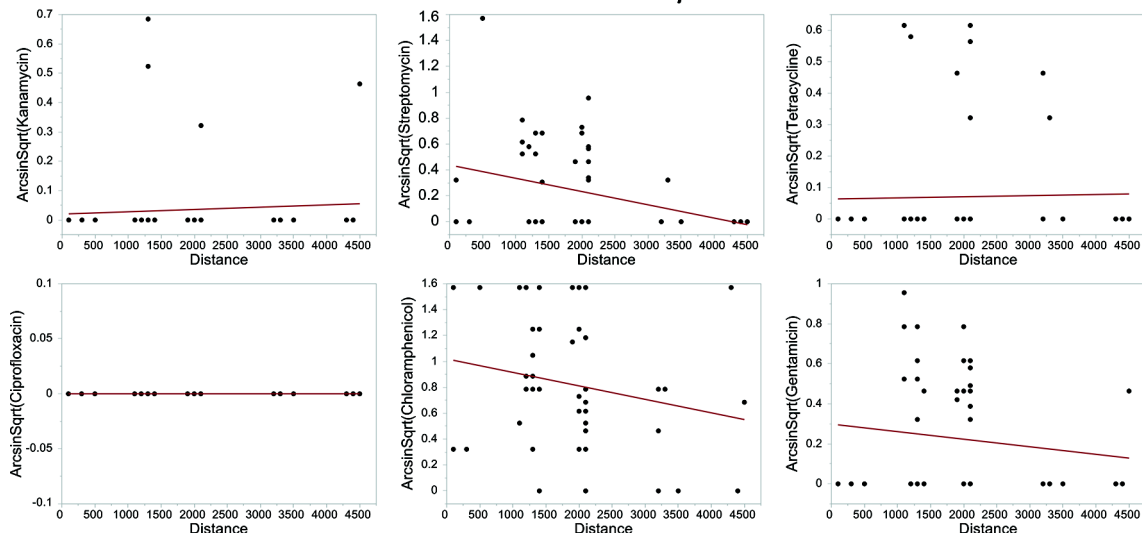


Figure S1. Longitudinal pattern of individual antibiotic tolerance and MAR in aquatic *Aeromonas* associated with bottom-dwelling fish (*Ameiurus spp.*) in Fourmile Branch. Values are Arcsine square root transformed proportions for kanamycin, streptomycin, tetracycline, chloramphenicol, ciprofloxacin, and gentamicin.

## Fourmile Branch – Transformed AR Proportions *Lepomis sp.*

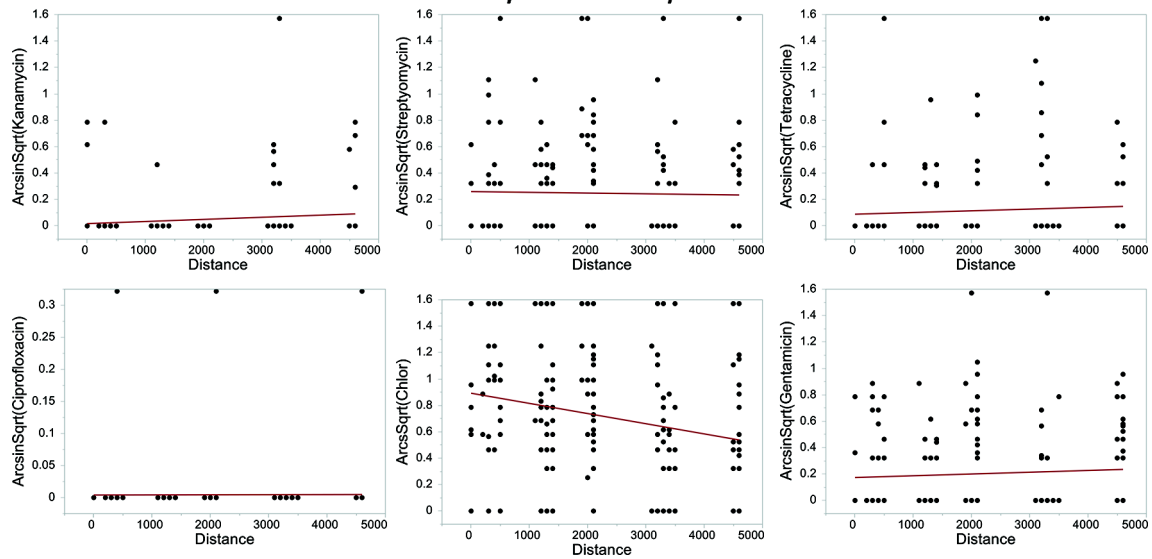


Figure S2. Longitudinal pattern of individual antibiotic tolerance and MAR in aquatic *Aeromonas* associated with mid-water (*Lepomis spp.*) fish in Fourmile Branch. Values are Arcsine square root transformed proportions for kanamycin, streptomycin, tetracycline, chloramphenicol, ciprofloxacin, and gentamicin.

## Meyers Branch– Transformed AR Proportions *Ameiurus sp.*

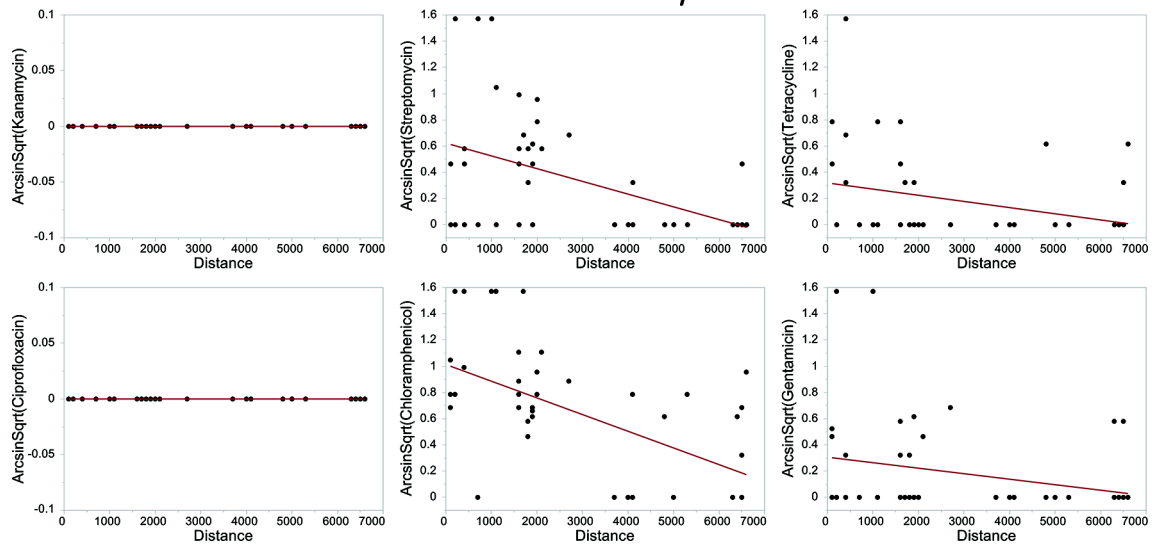


Figure S3. Longitudinal pattern of individual antibiotic tolerance and MAR in aquatic *Aeromonas* associated with bottom-dwelling (*Ameiurus spp.*) fish in Meyers Branch. Values are Arcsine square root transformed proportions for kanamycin, streptomycin, tetracycline, chloramphenicol, ciprofloxacin, and gentamicin.

## Meyers Branch – Transformed AR Proportions *Lepomis sp.*

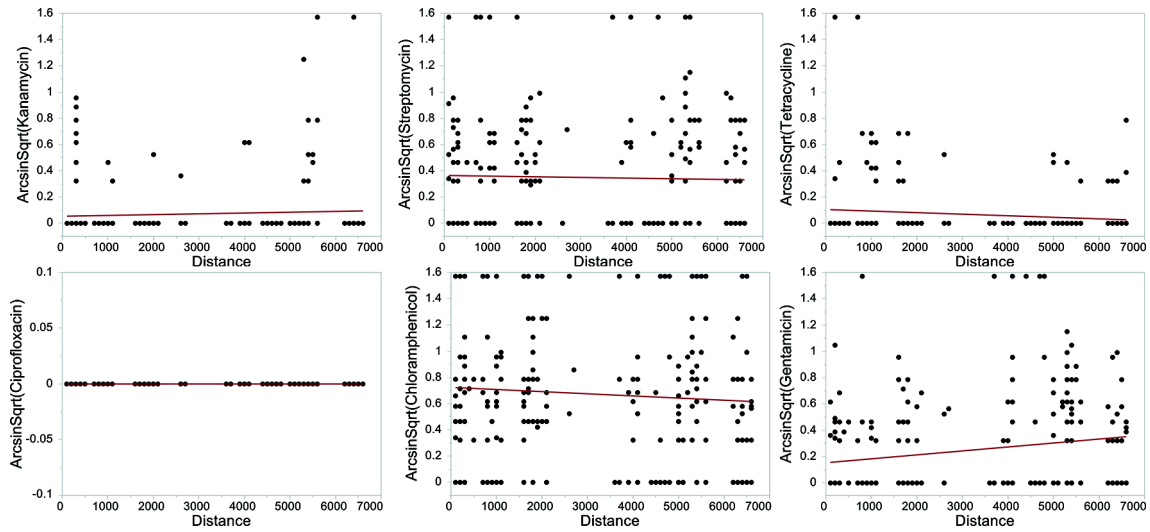


Figure S4. Longitudinal pattern of individual antibiotic tolerance and MAR in aquatic *Aeromonas* associated with mid-water fish (*Lepomis spp.*) in Meyers Branch. Values are Arcsine square root transformed proportions for kanamycin, streptomycin, tetracycline, chloramphenicol, ciprofloxacin, and gentamicin.

## Multiple Antibiotic Resistance (MAR) Traits

Meyers Branch

Fourmile Creek

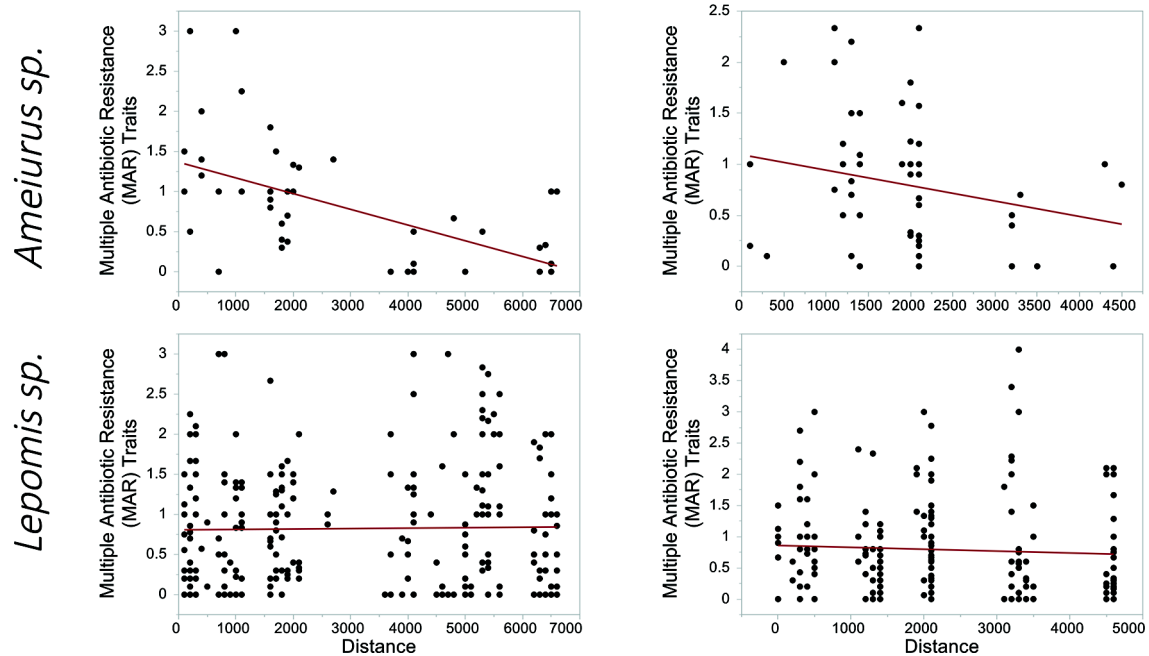


Figure S5. Longitudinal patterns of multiple antibiotic resistance in bottom-dwelling and mid-water fish found in Meyers Branch and Fourmile Branch.