

Figure S1a: Model predicted mean minimum inhibitory concentration (MIC) for *E. coli* isolates from group-housed calves. Shaded areas represent 95% Confidence intervals.

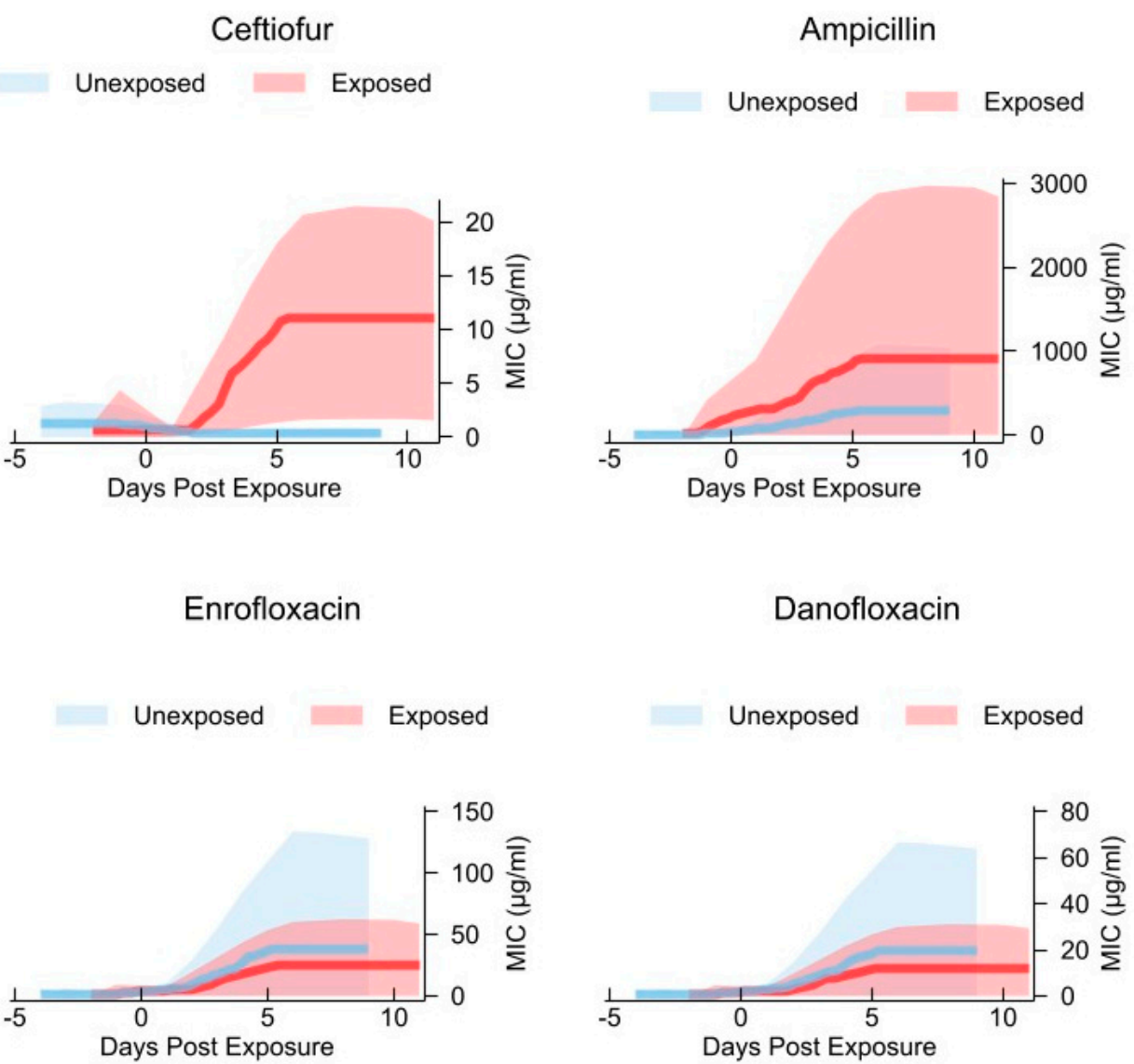


Figure S1b. Model predicted mean minimum inhibitory concentration (MIC) for *E. coli* isolates from group-housed calves. Shaded areas represent 95% Confidence intervals.

