









Bootstrapped difference in diversity Sus / Res E. coli , Kallonen\_CUH CefuroximeAxetil Gini-Simp Ind D CefuroximeAxetil SIReci CefuroximeAxetil Shannon 300 p-value = 0 $-p-val \mu e = 0$ p-value = 0250 250 250 200 200 200 Frequency Frequency Frequency 150 150 150 100 100 100 20 20 20 0 0 5 -0.2 0.0 0.2 0 10 2 3 0.4 0 differenceSIRSim differenceShannonSim SI values Ciprofloxacin SIReci Ciprofloxacin Gini-Simp Ind D Ciprofloxacin Shannon 300 300 -value = 0 p-value = 0p-value = 0250 250 250 200 200 200 Frequency Frequency Frequency 150 150 150 100 100 100 20 20 20 0 0.2 -0.2 0.0 0.4 5 10 2 0 15 -2 SI values differenceSIRSim differenceShannonSim



