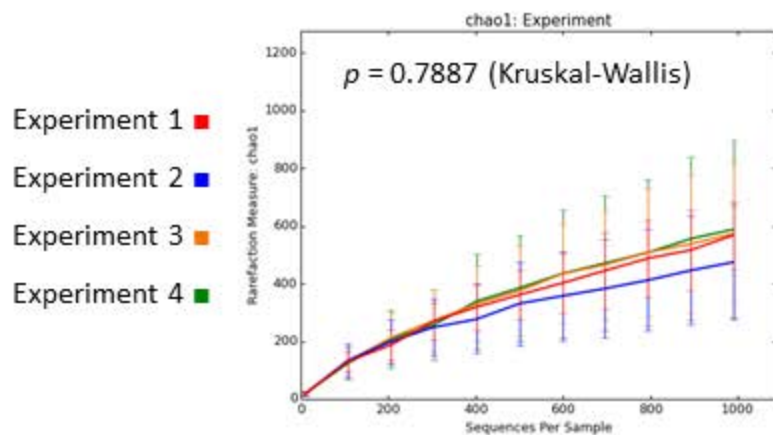
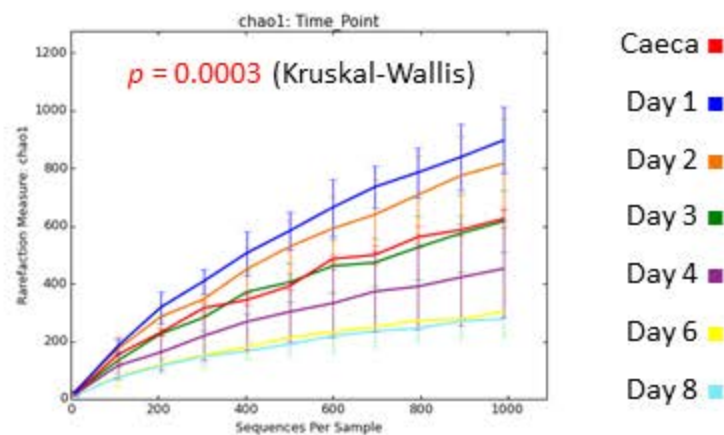


Figure S1. a) Chao1 alpha diversity plots for experiment number, time-point, *Salmonella* inoculation, and cefotaxime administration. Significance of differences in Chao1 indices by each categorical variable are given.

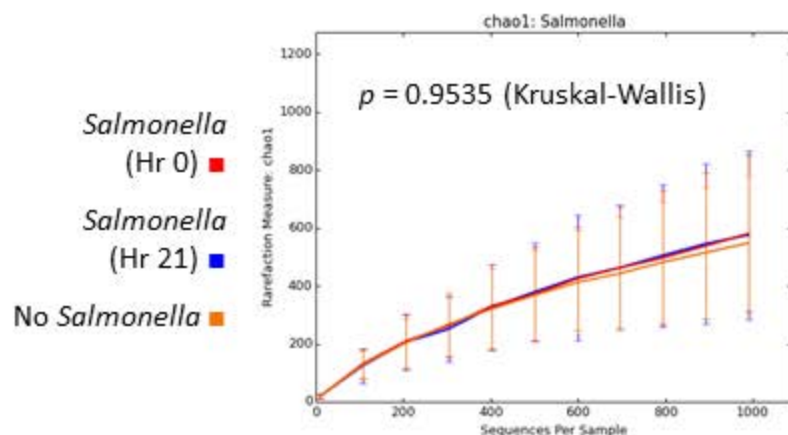
i) Experiment Number



ii) Time-point



iii) *Salmonella* Inoculation



iv) Cefotaxime treatment

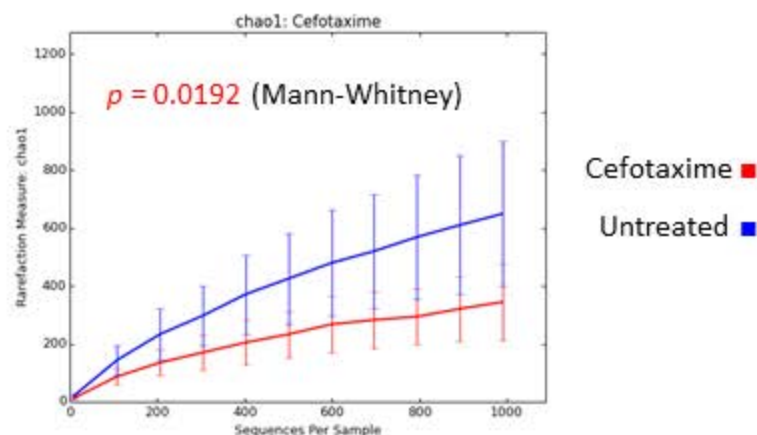
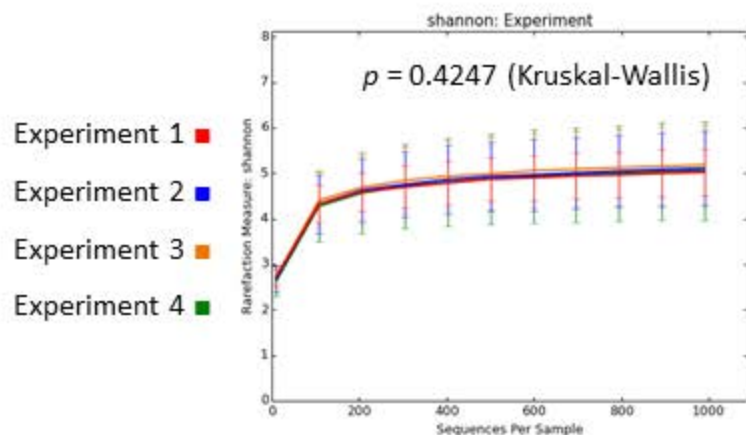
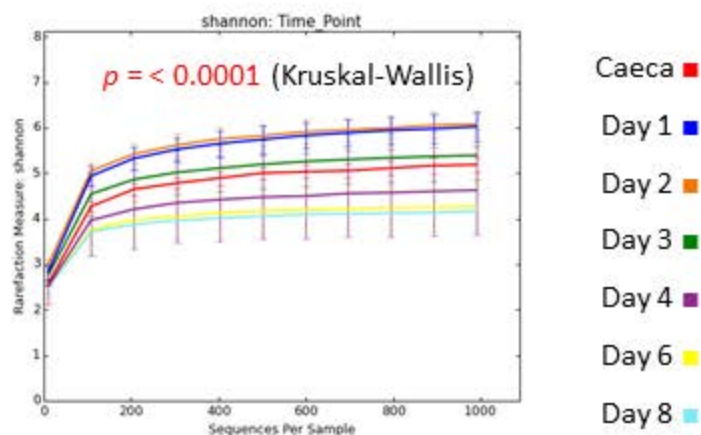


Figure S1 b) Shannon alpha diversity plots for experiment number, time-point, *Salmonella* inoculation, and cefotaxime administration. Significance of differences in Shannon indices by each categorical variable are given.

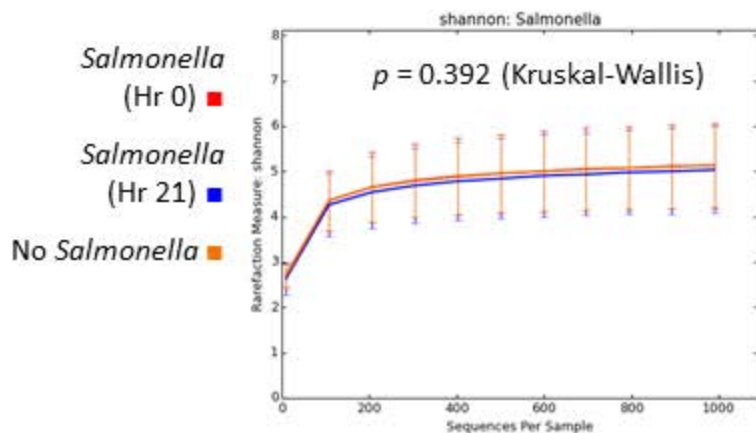
i) Experiment Number



ii) Time-point



iii) *Salmonella* Inoculation



iv) Cefotaxime treatment

