Growth from relative abundance of L. gasseri in NOX (Pearson r=0.808) and L. gasseri in OX (Pearson r=0.841) compared to E. coli in NOX (Pearson r=0.939) and E. faecalis in OX (Pearson r=0.804) over time (minutes).

(c) and (d) show box plots of different models (vonmises, cardiod, wrappedcauchy, linearcardiod, jonespewsey, mrl, ptrc, bptr_gcskew, bptr_coverage) for time-point (WGS, CFU/ml, d(CFU/ml), d(CFU/ml) 30delay, d(CFU/ml) 60delay) and Pearson r values.

(e) Graphs showing growth from relative abundance and estimated growth over time (minutes) with annotated Pearson r values.