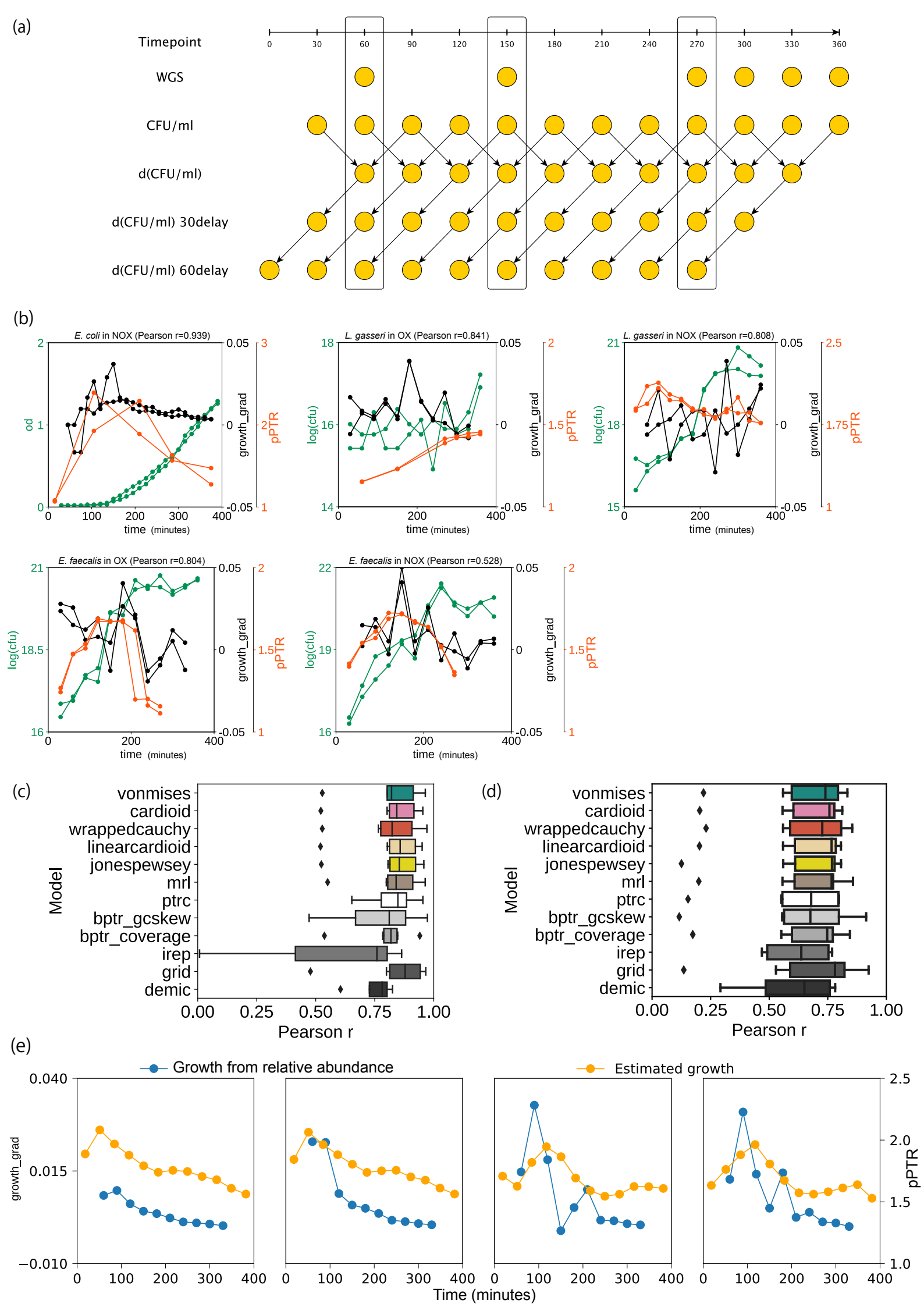
(a)
Timepoint
0
30
60
90
120
150
180
210
240
270
300
330
360
WGS
CFU/ml
d(CFU/ml)
d(CFU/ml) 30delay
d(CFU/ml) 60delay
(b)
E. coli in NOX (Pearson r=0.939)
L. gasseri in OX (Pearson r=0.841)
L. gasseri in NOX (Pearson r=0.808)
E. faecalis in OX (Pearson r=0.804)
E. faecalis in NOX (Pearson r=0.528)
od
log(cfu)
growth_grad
pPTR
time (minutes)
(c)
(d)
Model
vonmises
cardioid
wrappedcauchy
linearcardioid
jonespewsey
mrl
ptrc
bptr_gcskew
bptr_coverage
irep
grid
demic
Pearson r
(e)
Growth from relative abundance
Estimated growth
growth_grad
pPTR
Time (minutes)