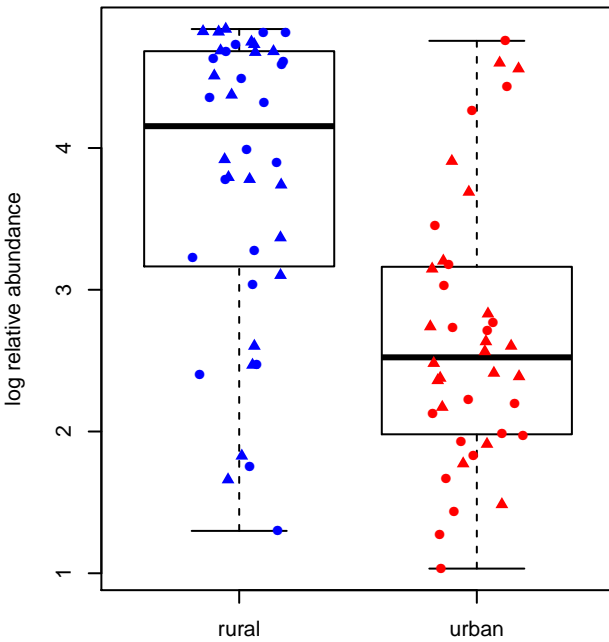
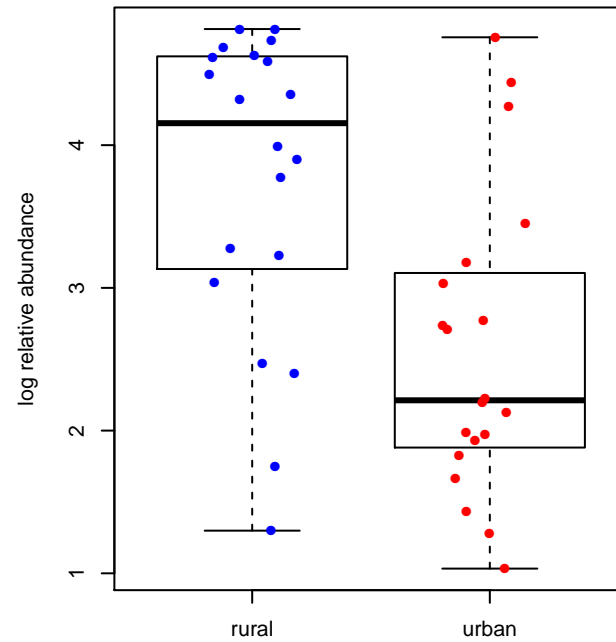


16S family: Prevotellaceae  
pAdjRuralUrban=0.0279; pAdjTime=0.241; pAdjSubject=9.21e-13

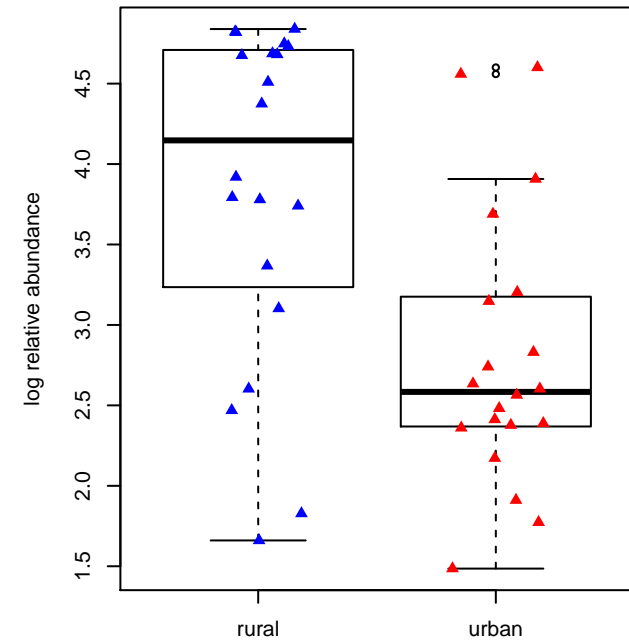
rual vs. urban both timepoints



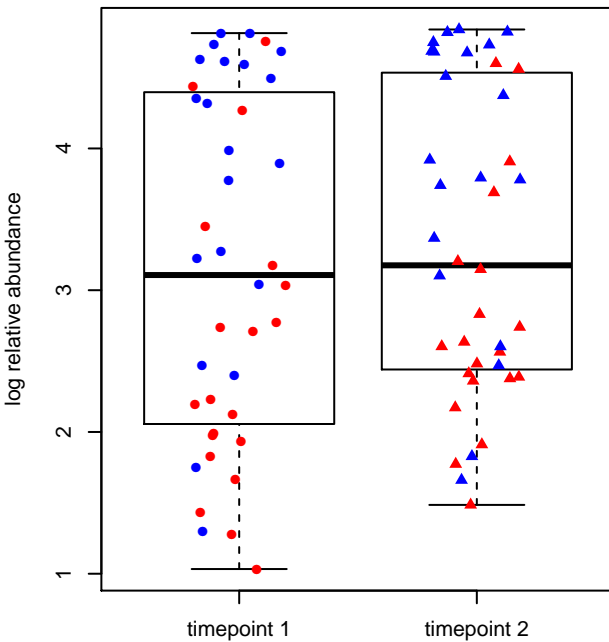
rual vs. urban time 1



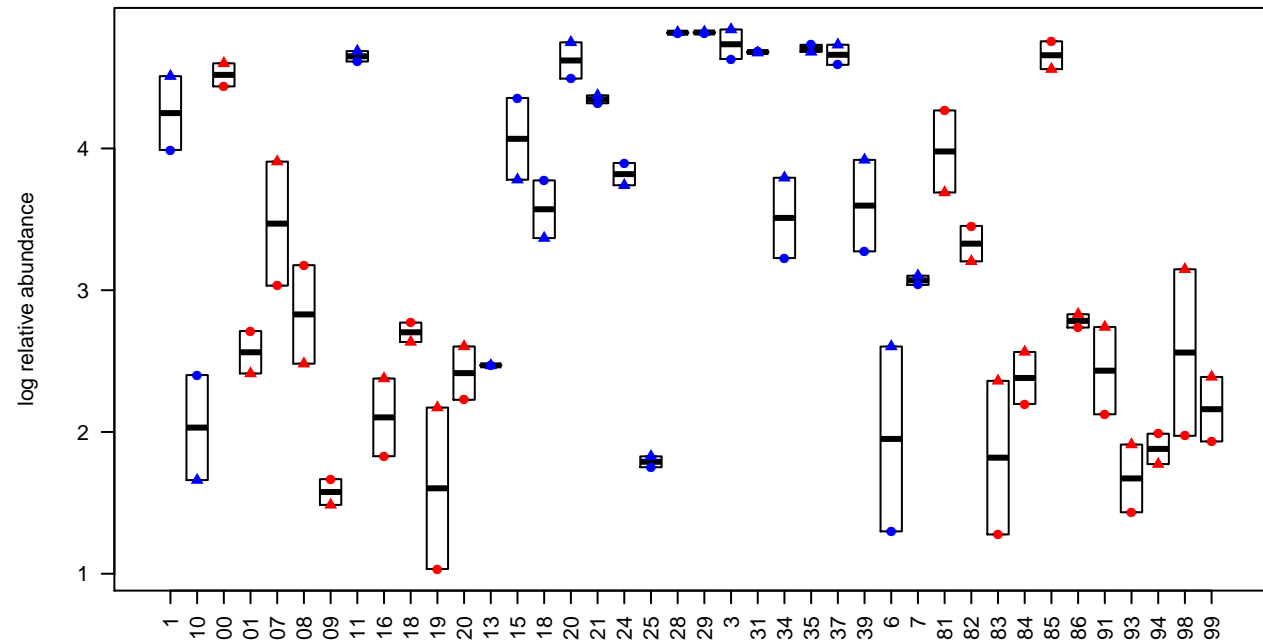
rual vs. urban time 2



time 1 vs. time 2

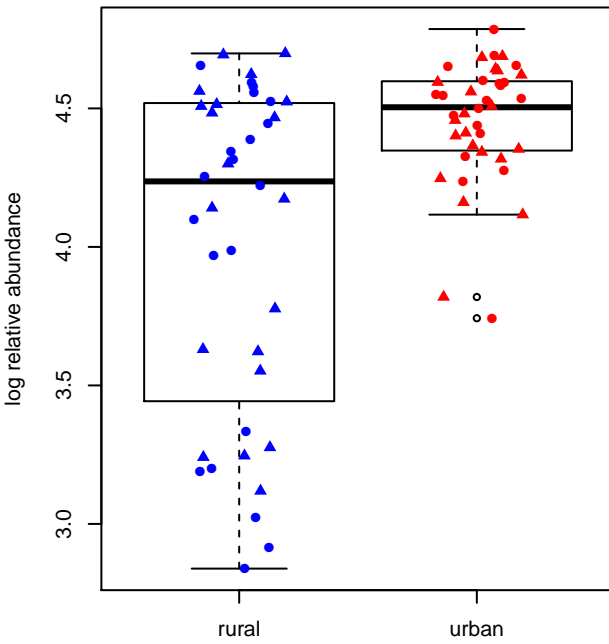


subject ID

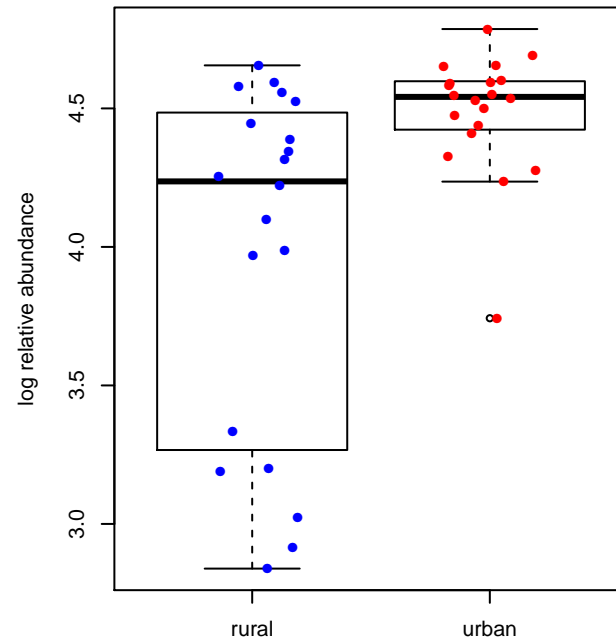


16S family: Bacteroidaceae  
pAdjRuralUrban=0.0534; pAdjTime=0.916; pAdjSubject=2.69e-10

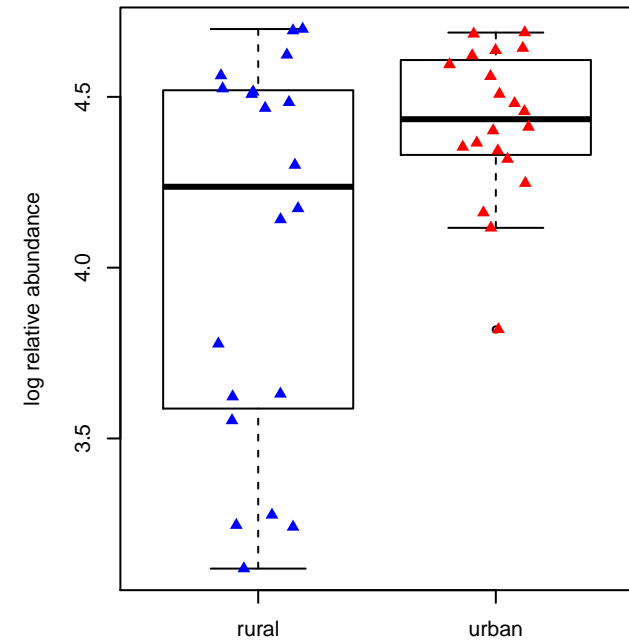
rual vs. urban both timepoints



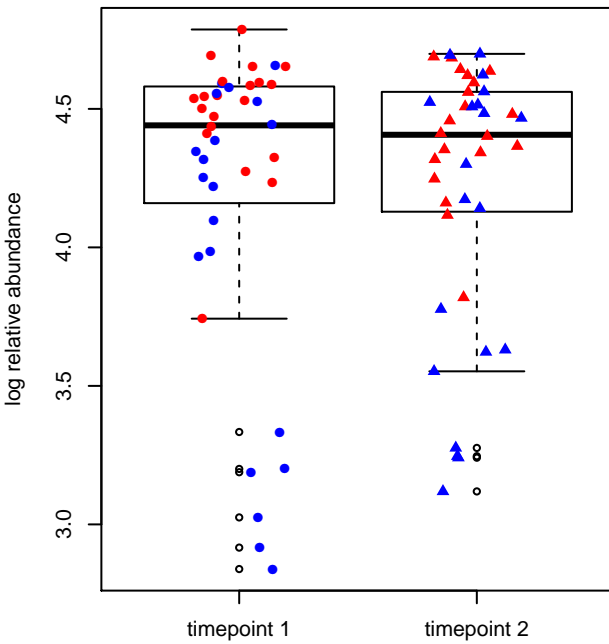
rual vs. urban time 1



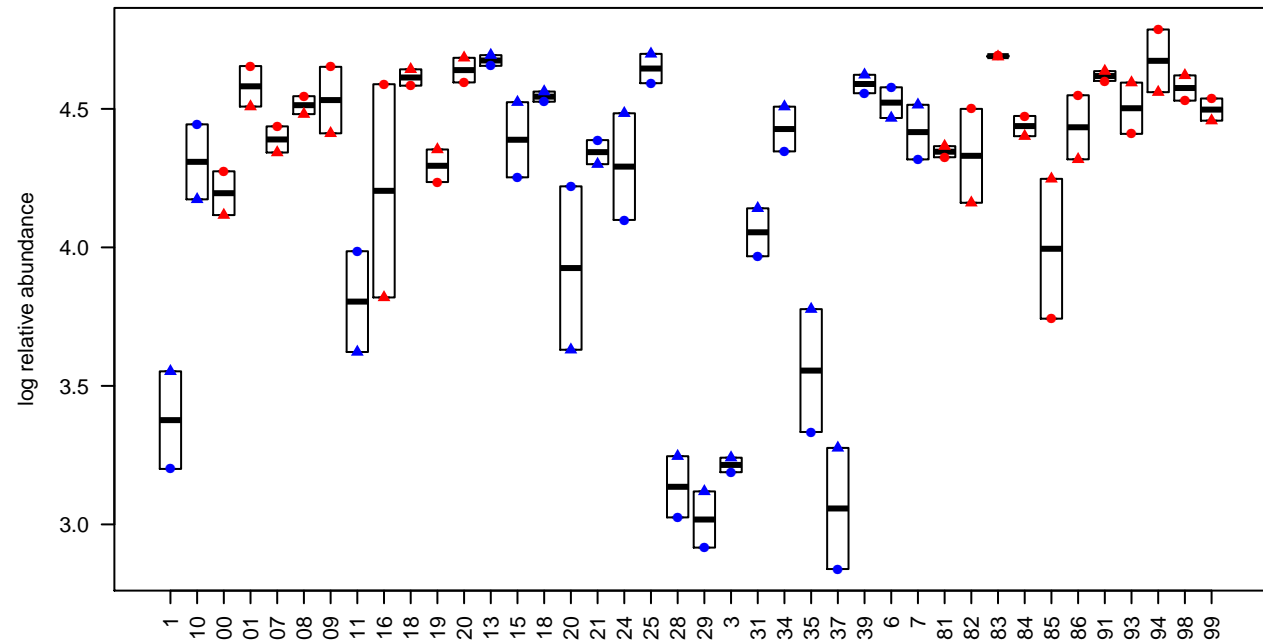
rual vs. urban time 2



time 1 vs. time 2

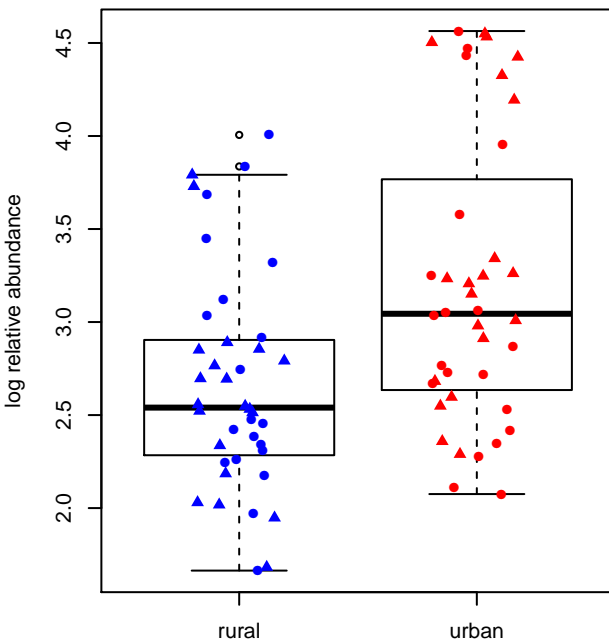


subject ID

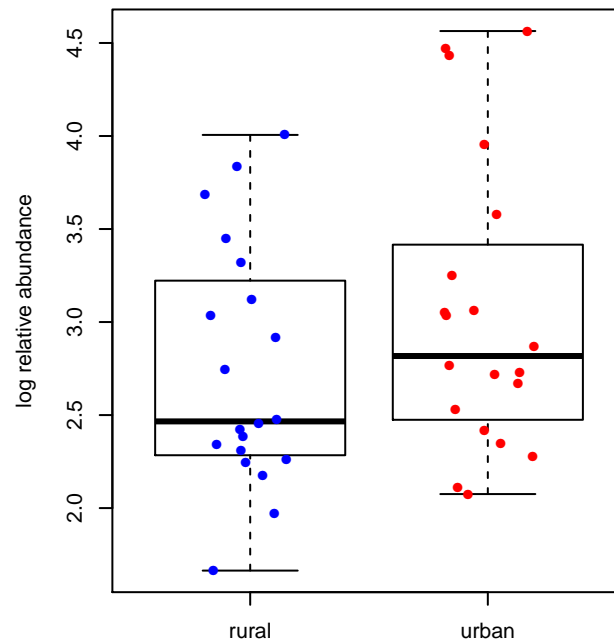


16S family: Enterobacteriaceae  
pAdjRuralUrban=0.0961; pAdjTime=0.773; pAdjSubject=0.000507

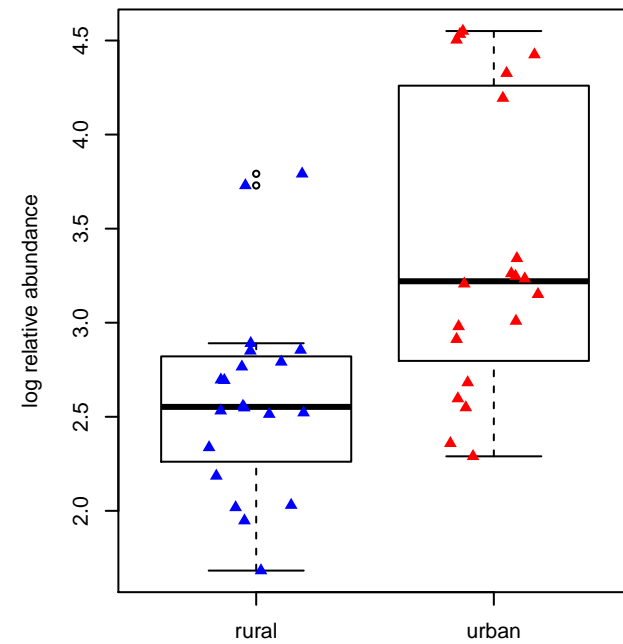
rual vs. urban both timepoints



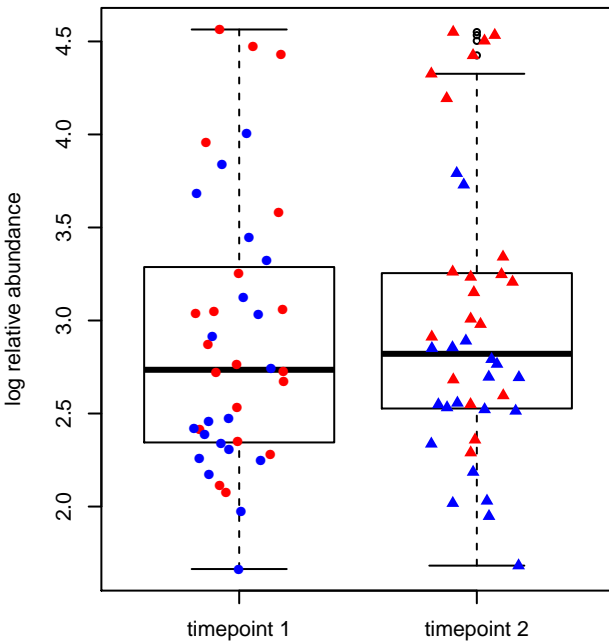
rual vs. urban time 1



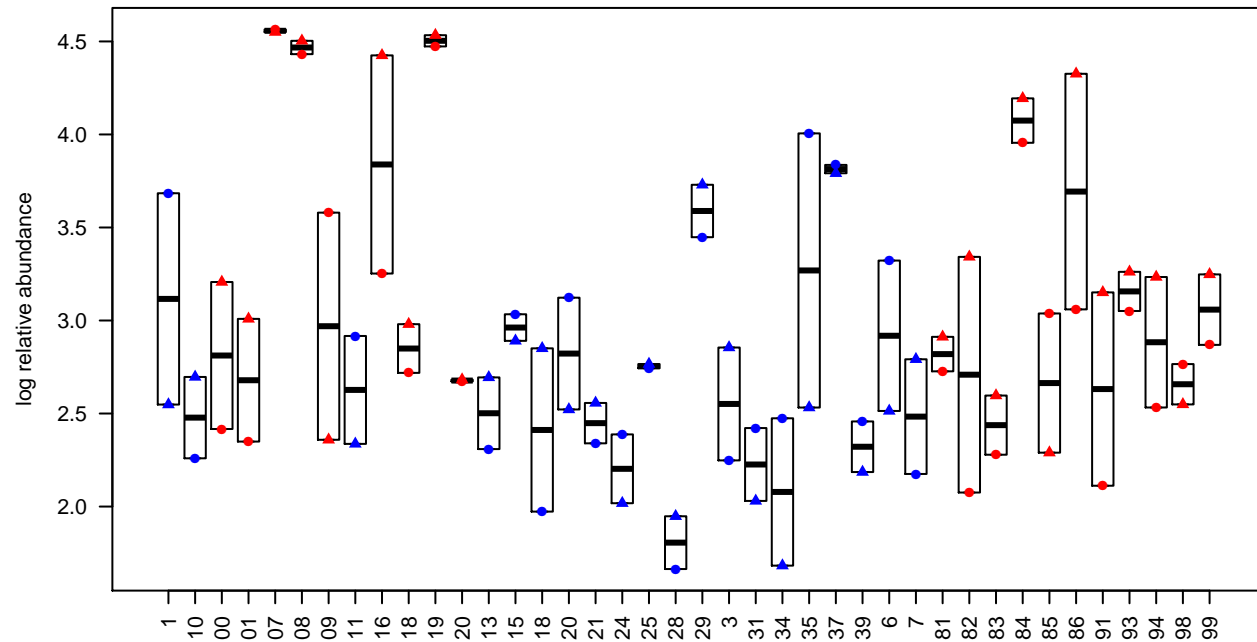
rual vs. urban time 2



time 1 vs. time 2

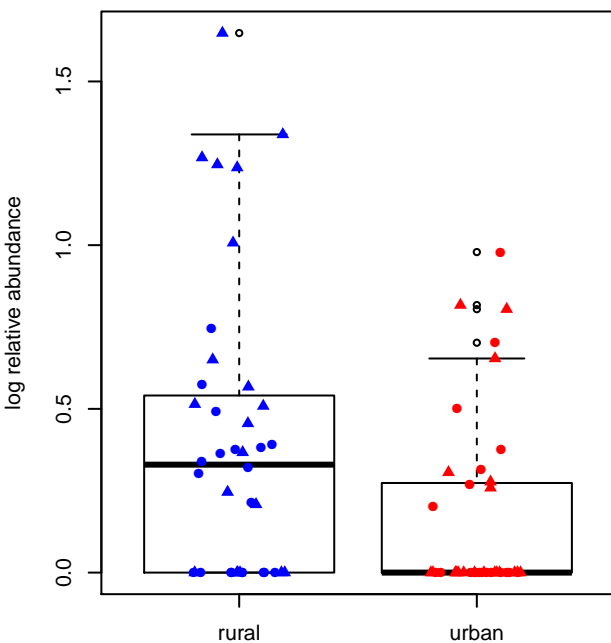


subject ID

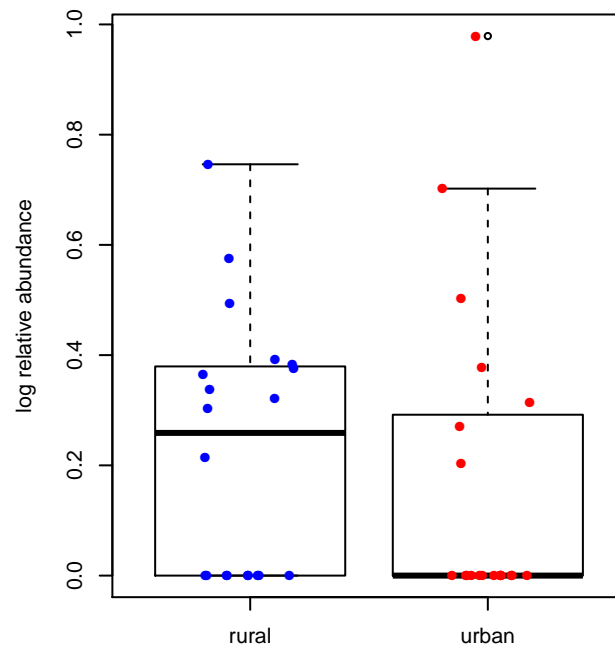


16S family: Campylobacteraceae  
pAdjRuralUrban=0.0961; pAdjTime=0.241; pAdjSubject=0.605

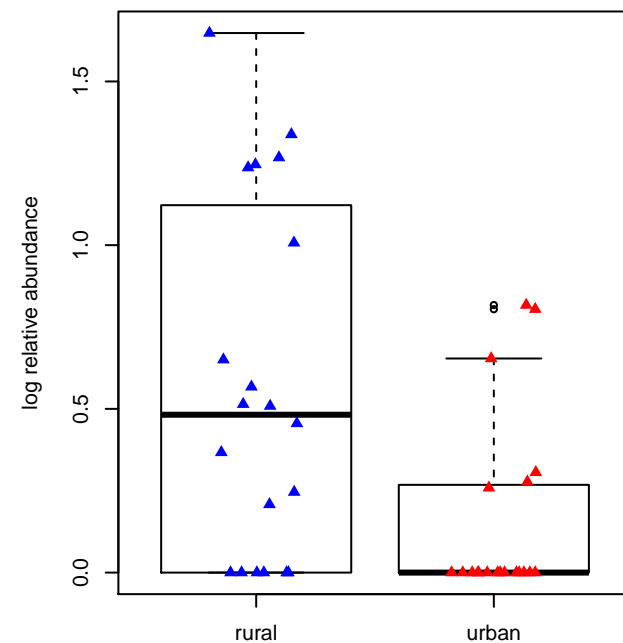
rual vs. urban both timepoints



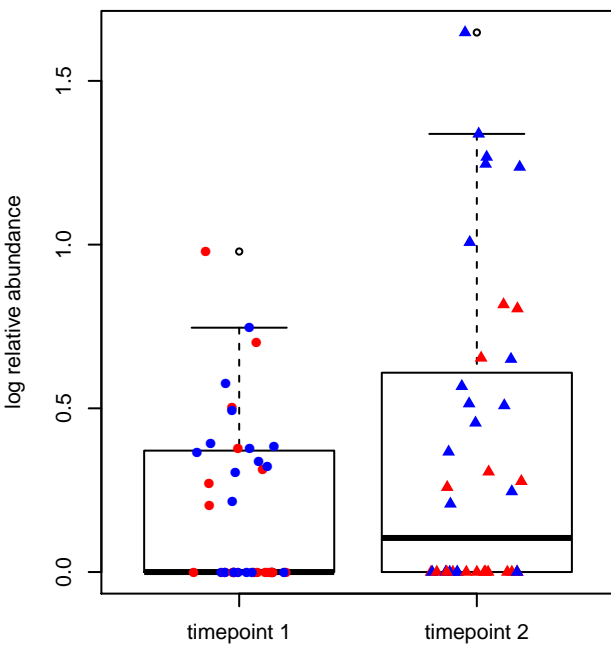
rual vs. urban time 1



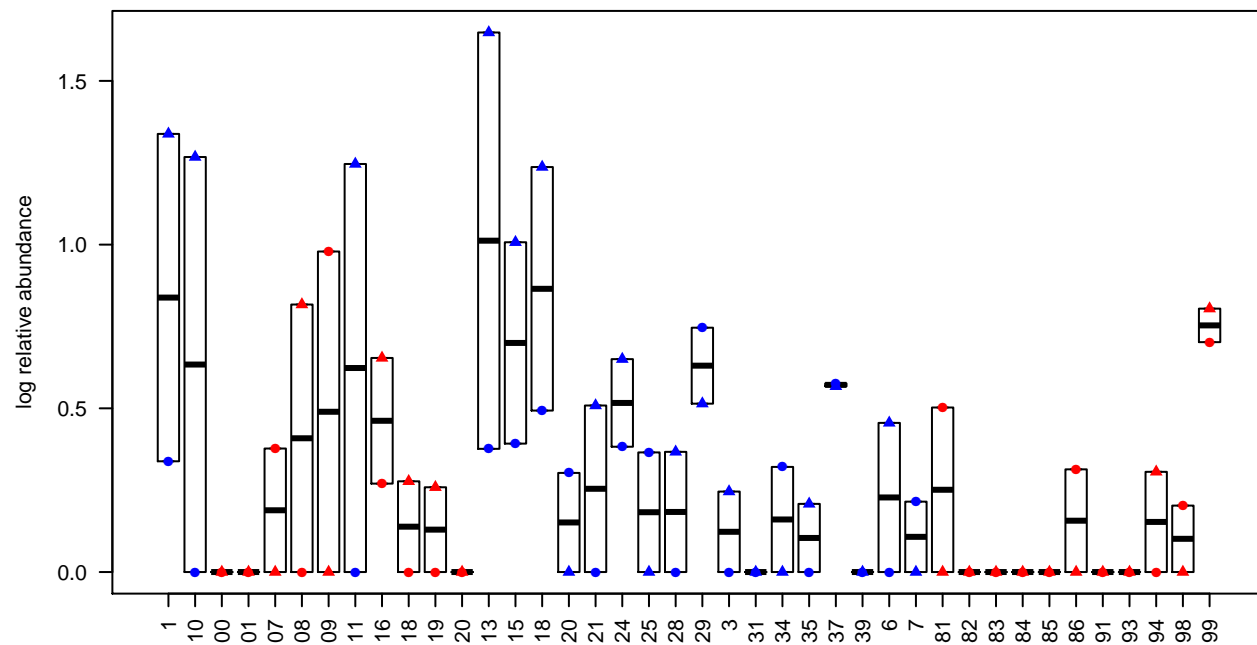
rual vs. urban time 2



time 1 vs. time 2

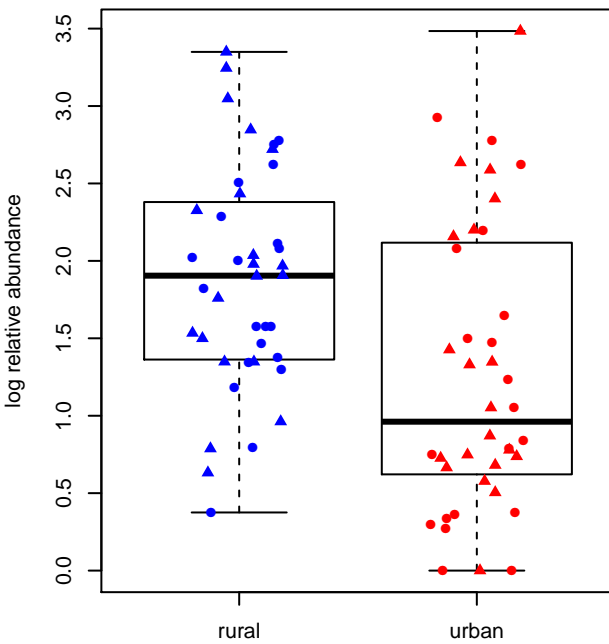


subject ID

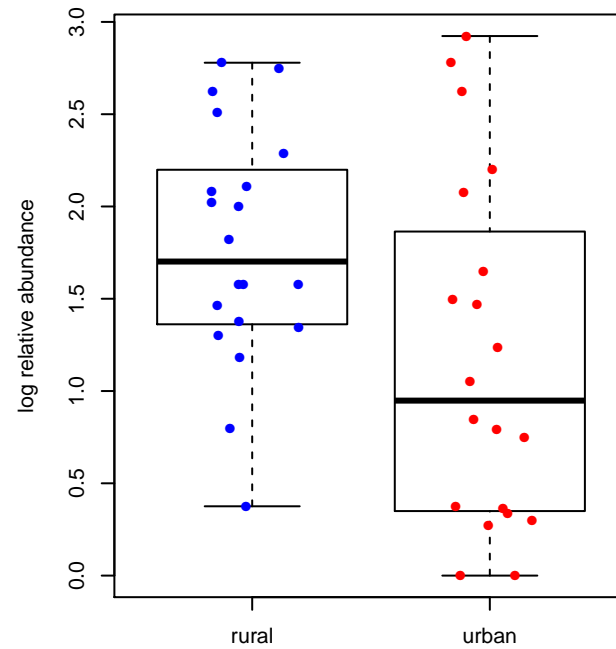


16S family: Pasteurellaceae  
pAdjRuralUrban=0.107; pAdjTime=0.35; pAdjSubject=1.07e-05

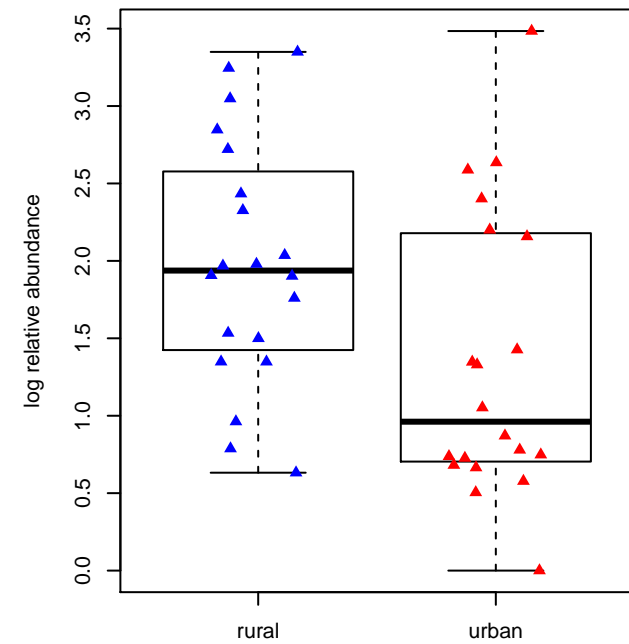
rural vs. urban both timepoints



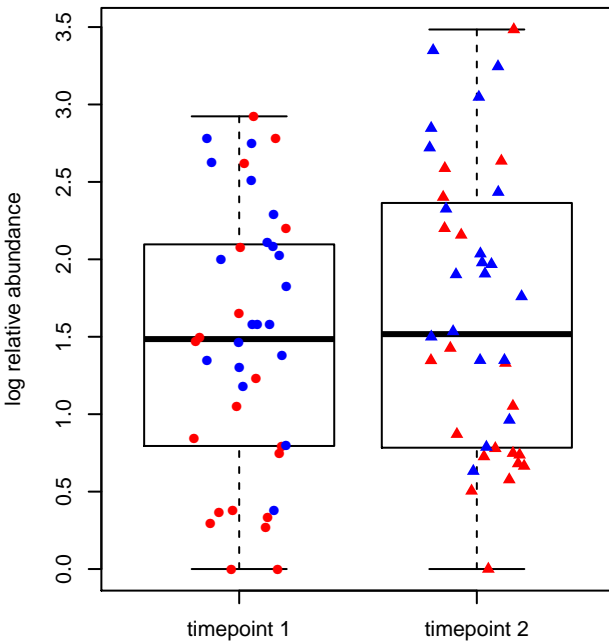
rural vs. urban time 1



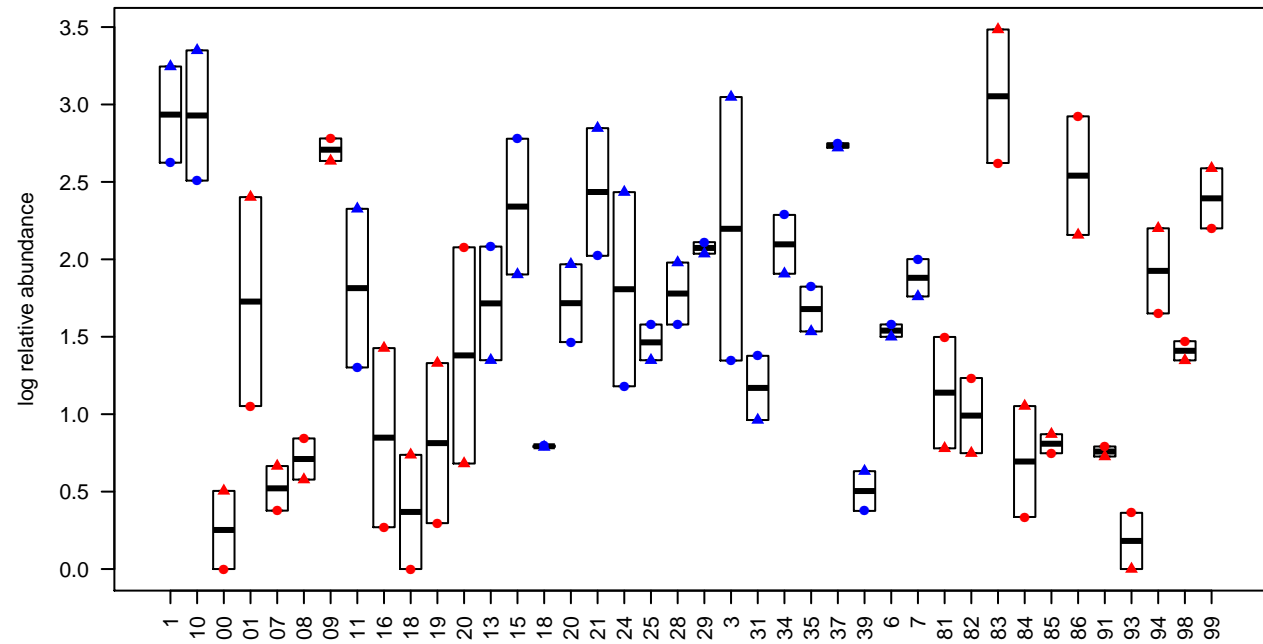
rural vs. urban time 2



time 1 vs. time 2

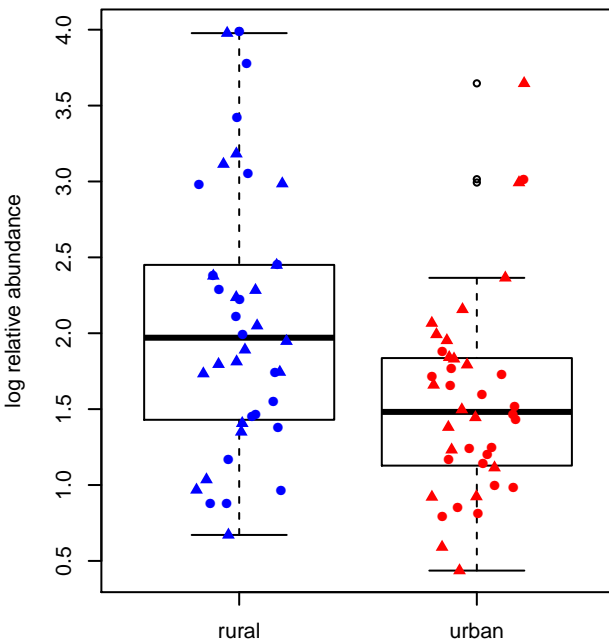


subject ID

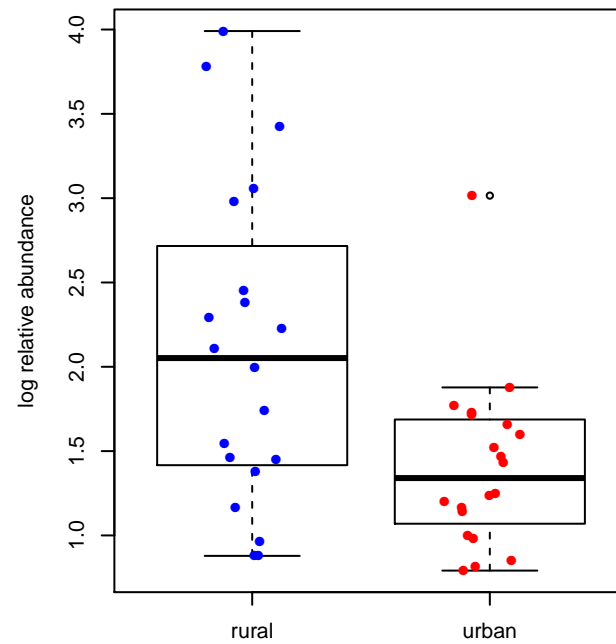


16S family: Streptococcaceae  
pAdjRuralUrban=0.146; pAdjTime=0.632; pAdjSubject=1.64e-06

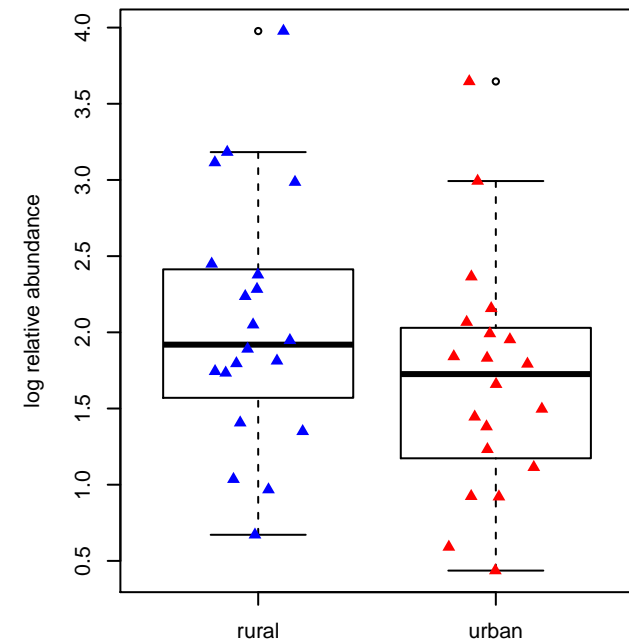
rual vs. urban both timepoints



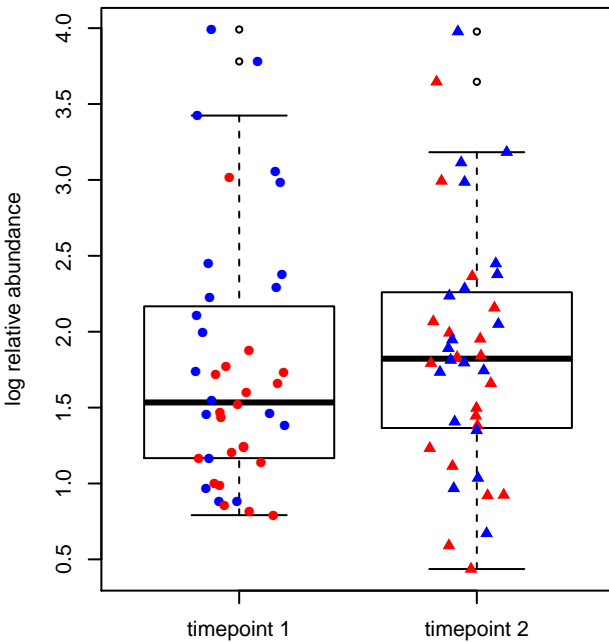
rual vs. urban time 1



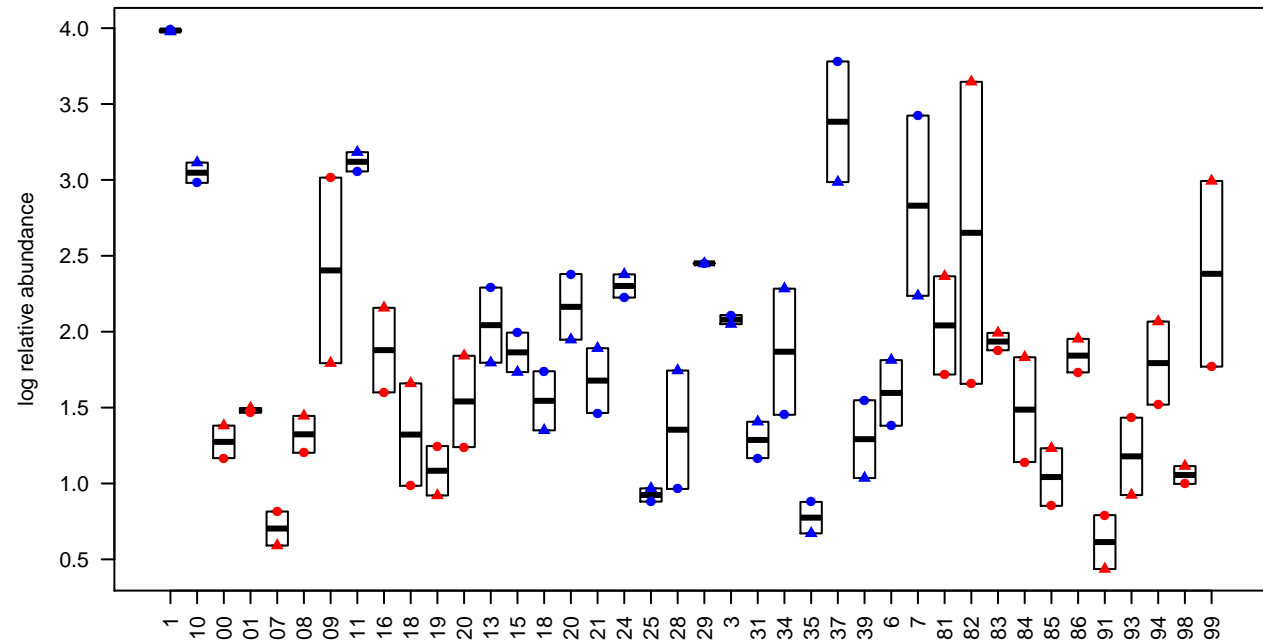
rual vs. urban time 2



time 1 vs. time 2

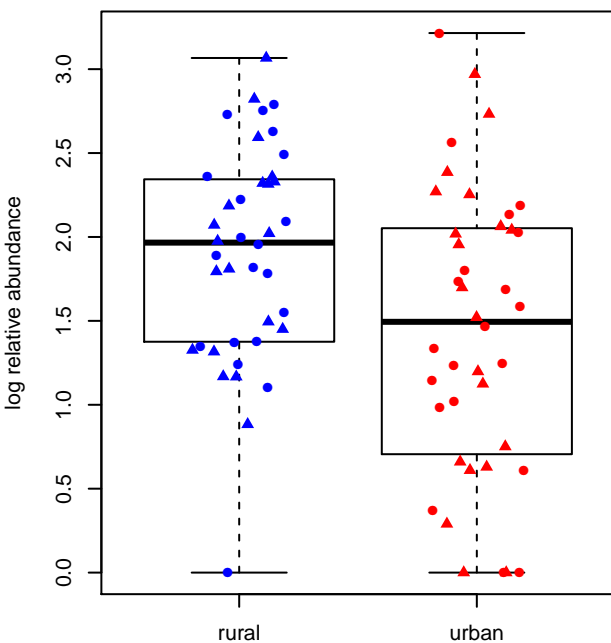


subject ID

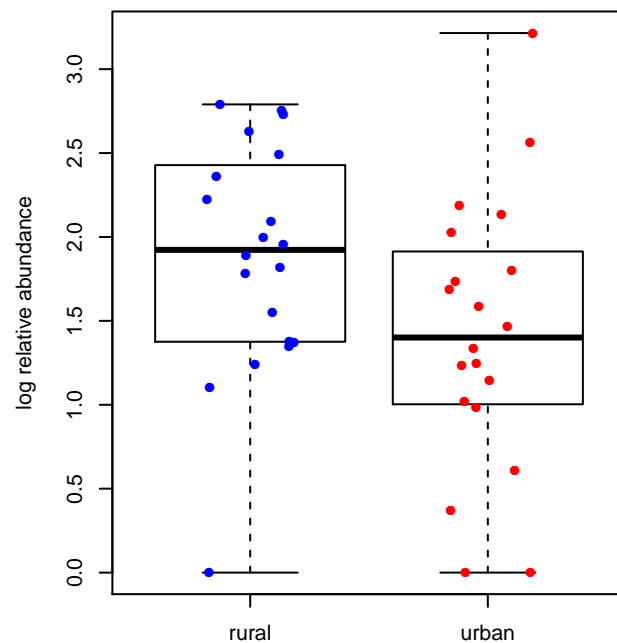


16S family: Clostridiaceae.1  
pAdjRuralUrban=0.146; pAdjTime=0.909; pAdjSubject=0.0468

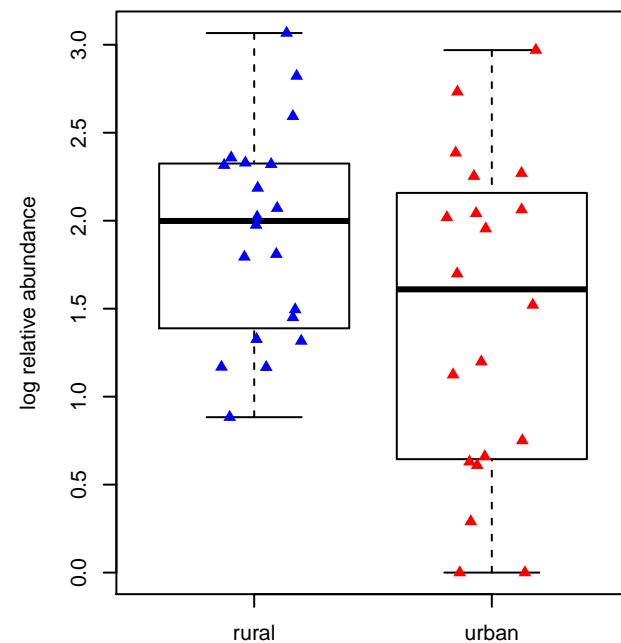
rual vs. urban both timepoints



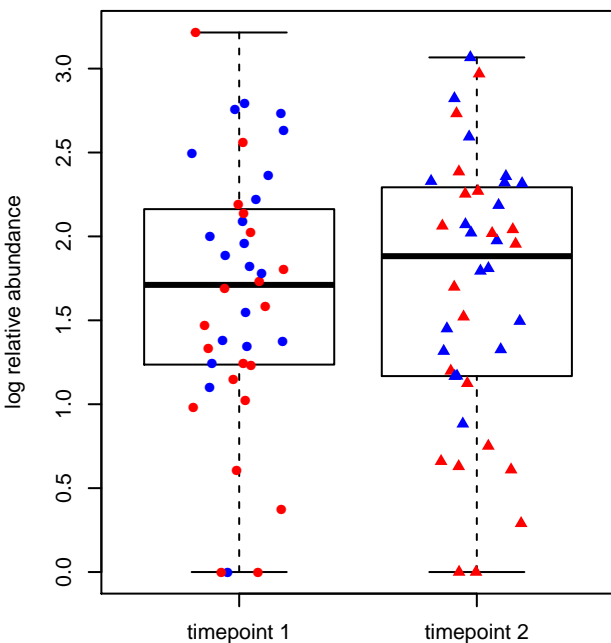
rual vs. urban time 1



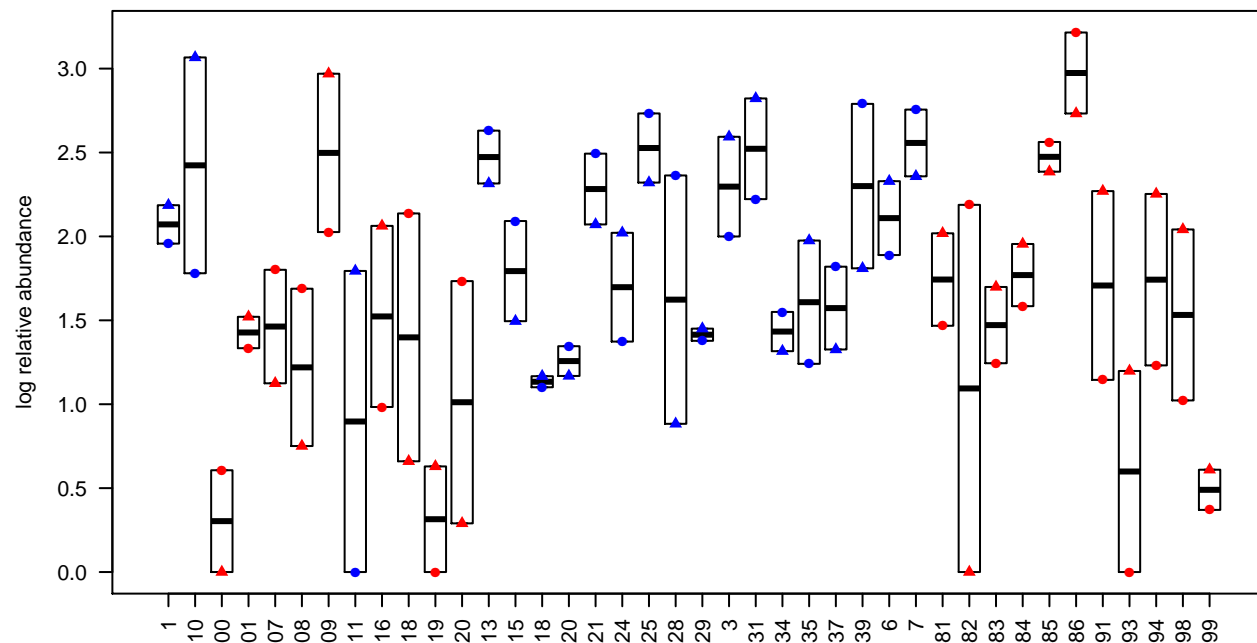
rual vs. urban time 2



time 1 vs. time 2

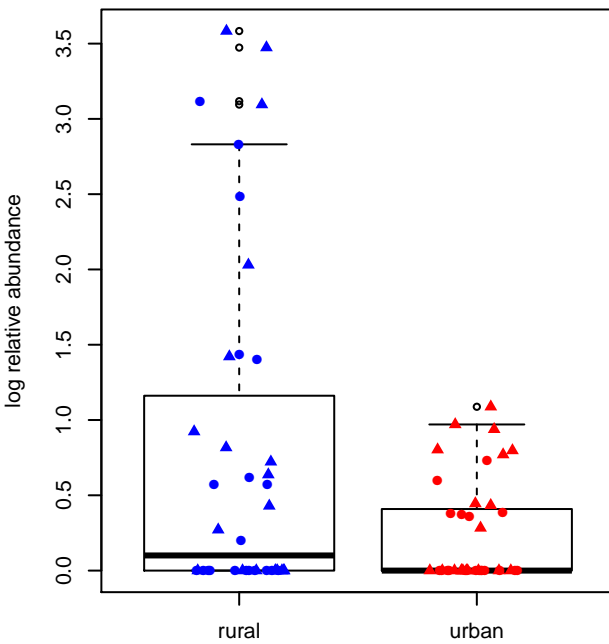


subject ID

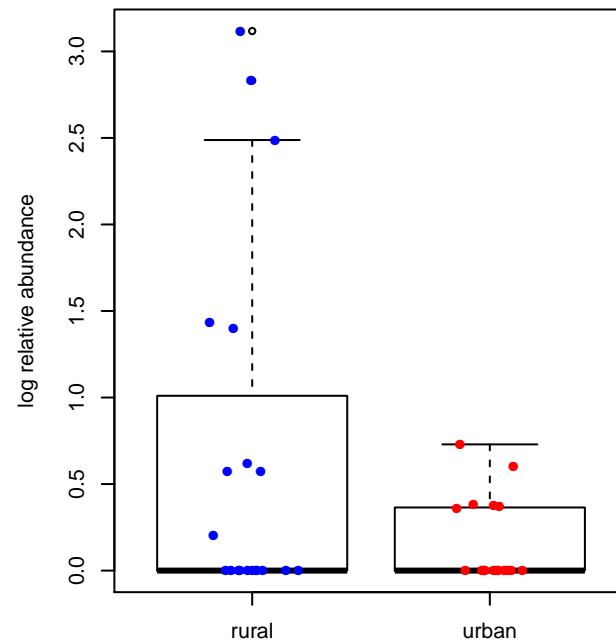


16S family: Succinivibrionaceae  
pAdjRuralUrban=0.218; pAdjTime=0.166; pAdjSubject=6.33e-13

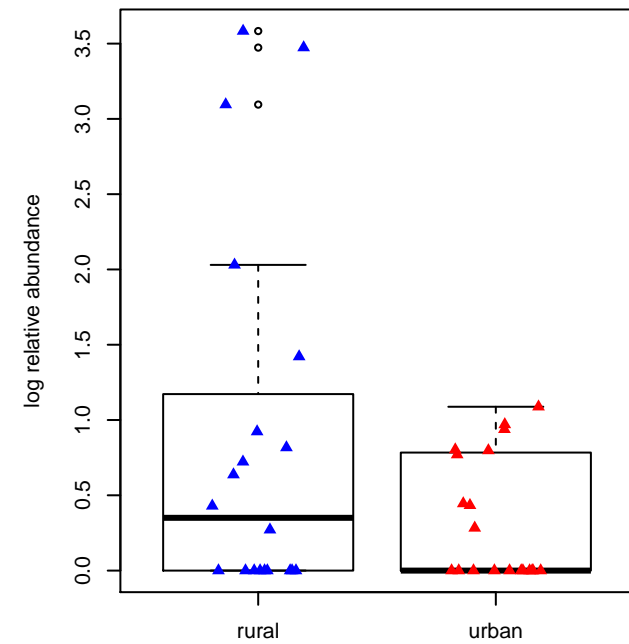
rual vs. urban both timepoints



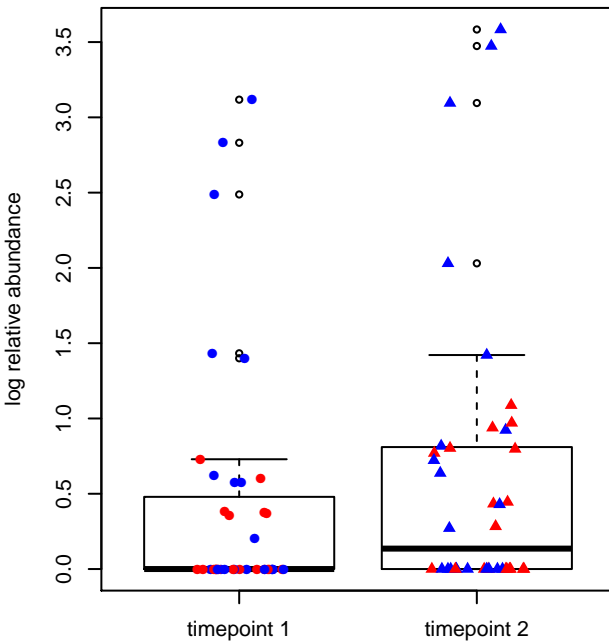
rual vs. urban time 1



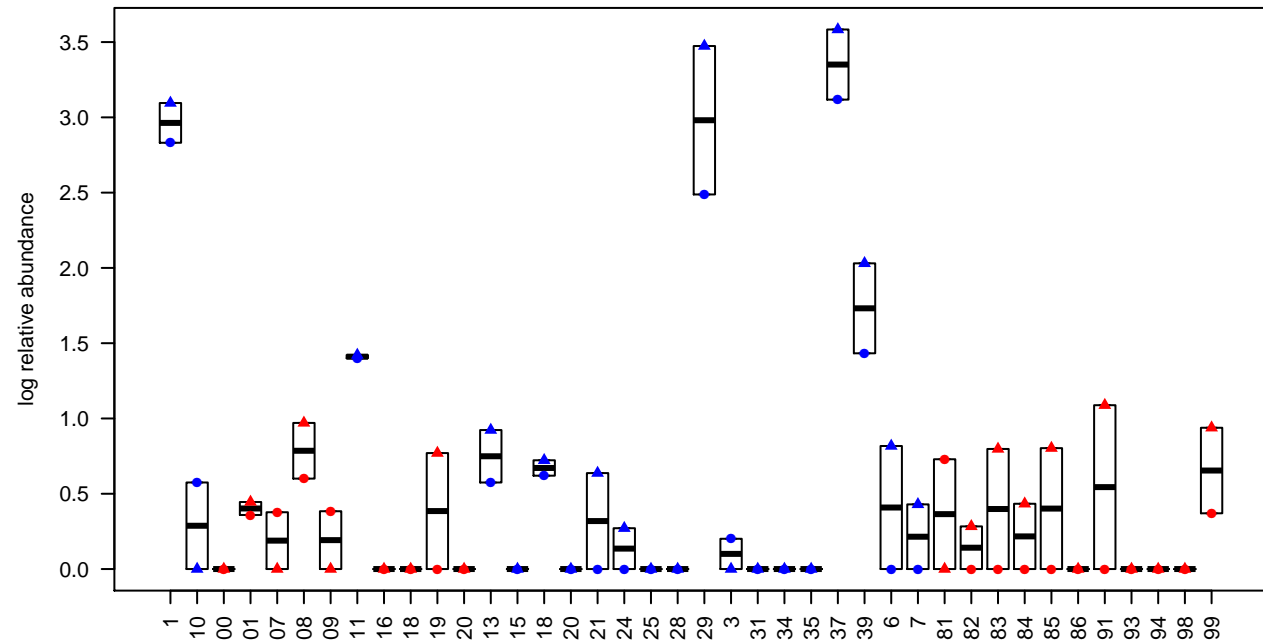
rual vs. urban time 2



time 1 vs. time 2



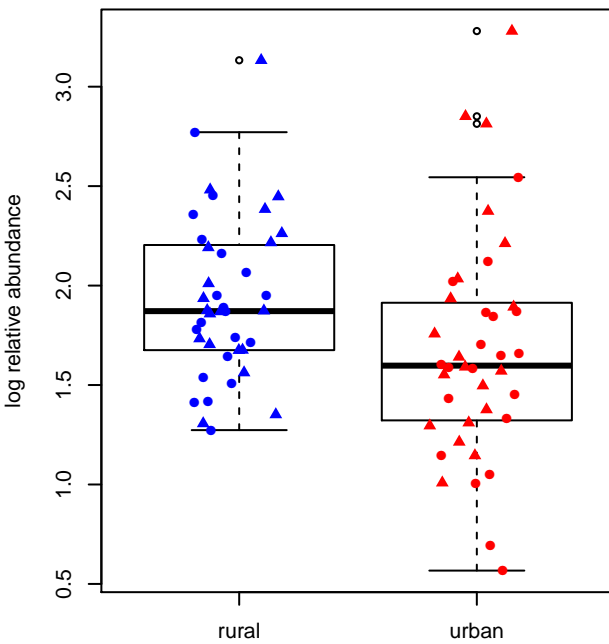
subject ID



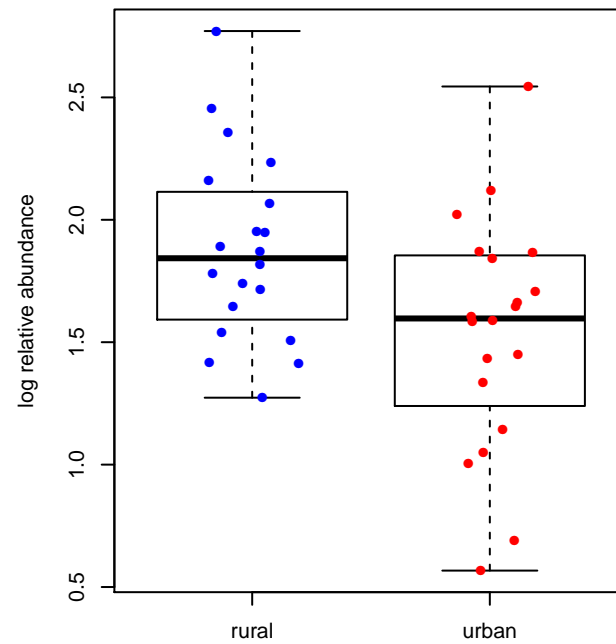


16S family: Peptostreptococcaceae  
pAdjRuralUrban=0.315; pAdjTime=0.174; pAdjSubject=0.000582

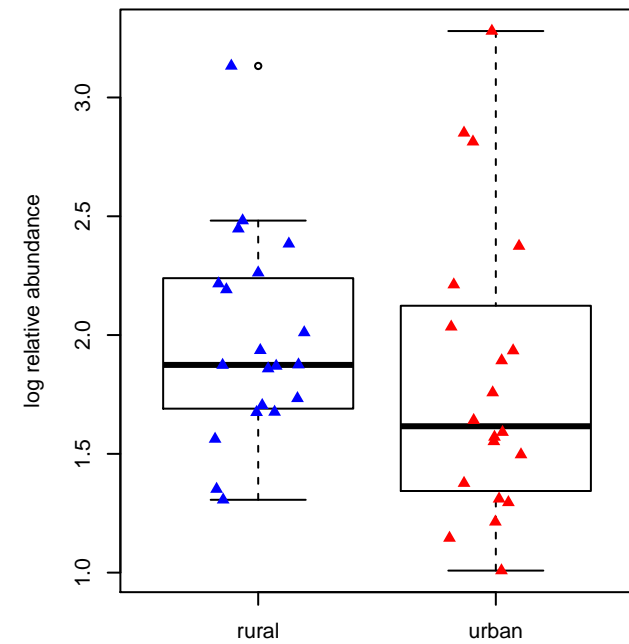
rual vs. urban both timepoints



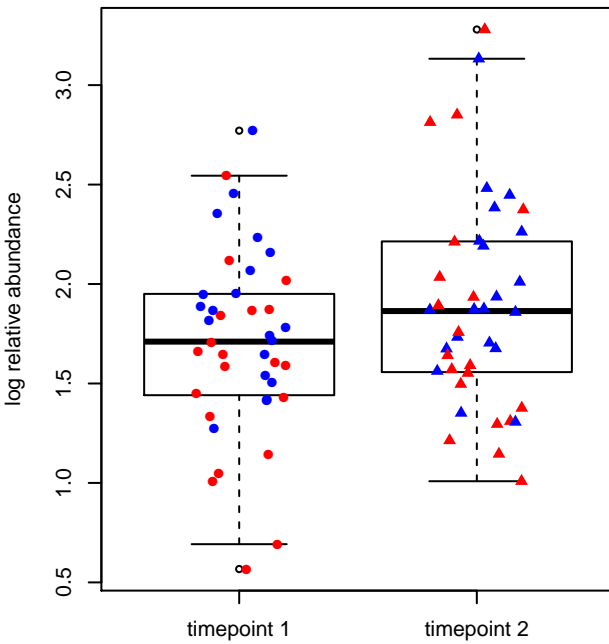
rual vs. urban time 1



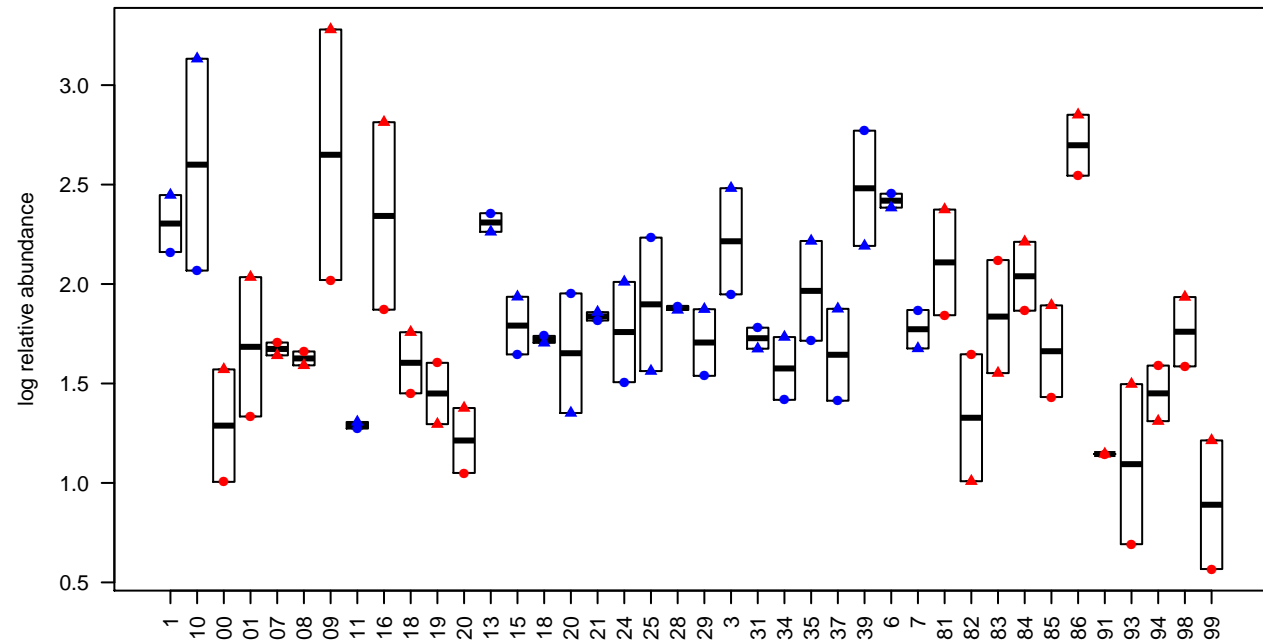
rual vs. urban time 2



time 1 vs. time 2

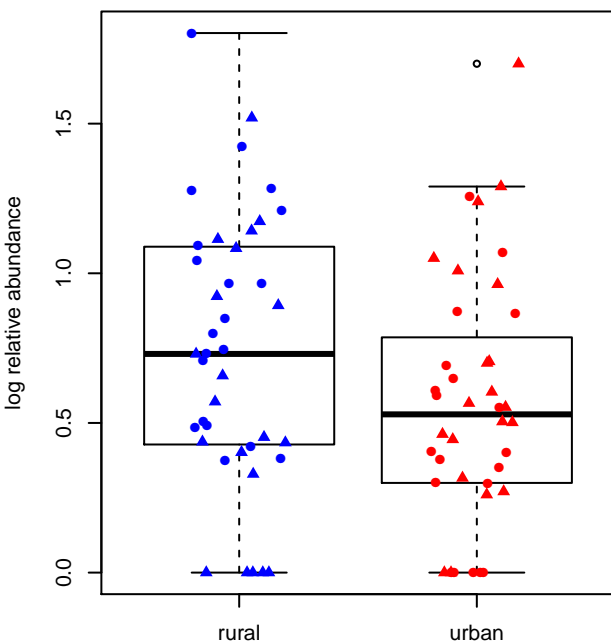


subject ID

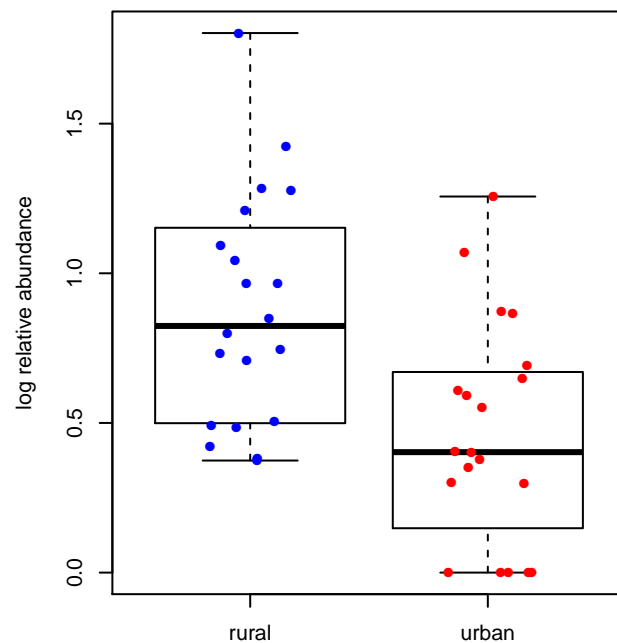


16S family: Actinomycetaceae  
pAdjRuralUrban=0.322; pAdjTime=0.827; pAdjSubject=0.0364

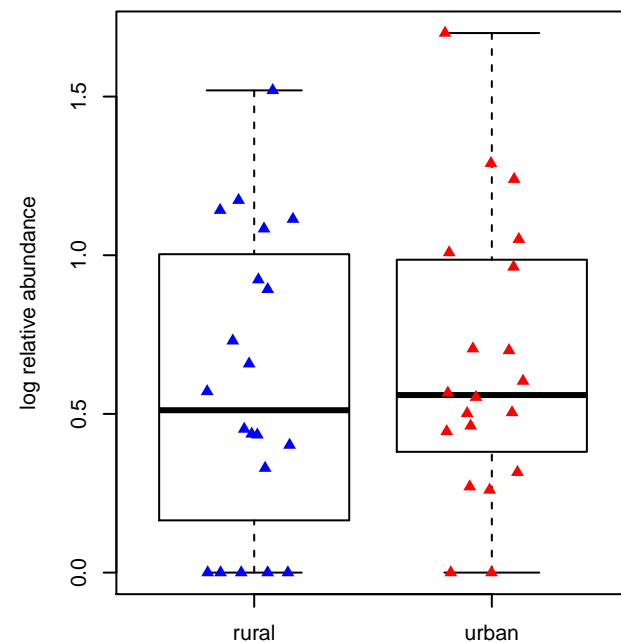
rual vs. urban both timepoints



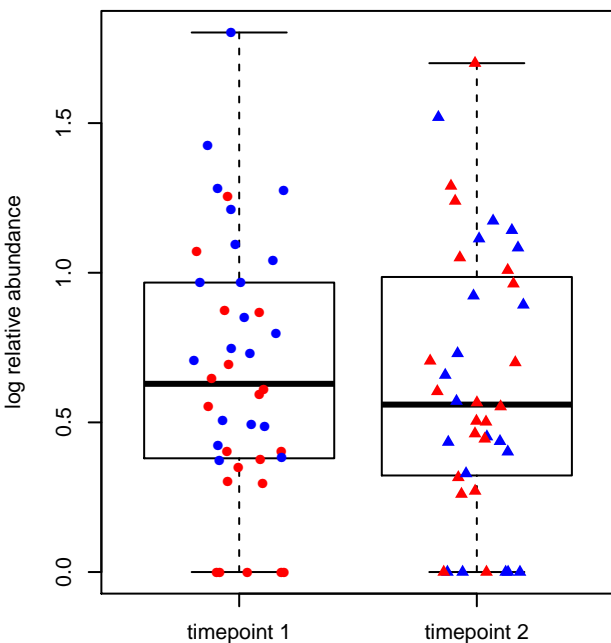
rual vs. urban time 1



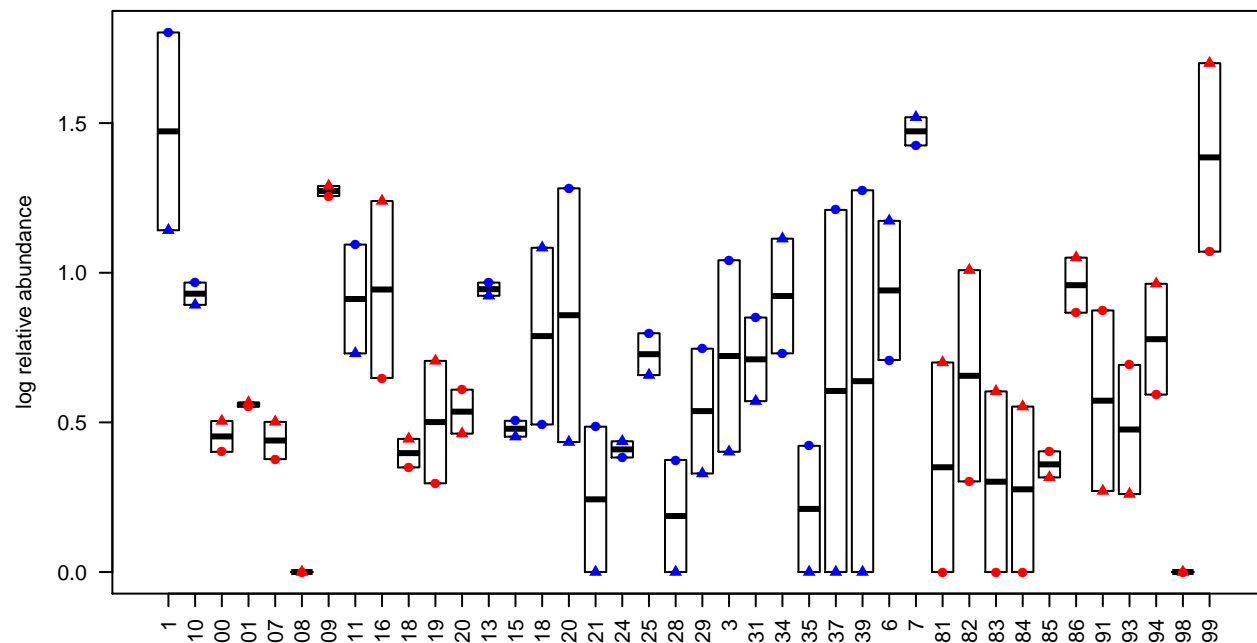
rual vs. urban time 2



time 1 vs. time 2

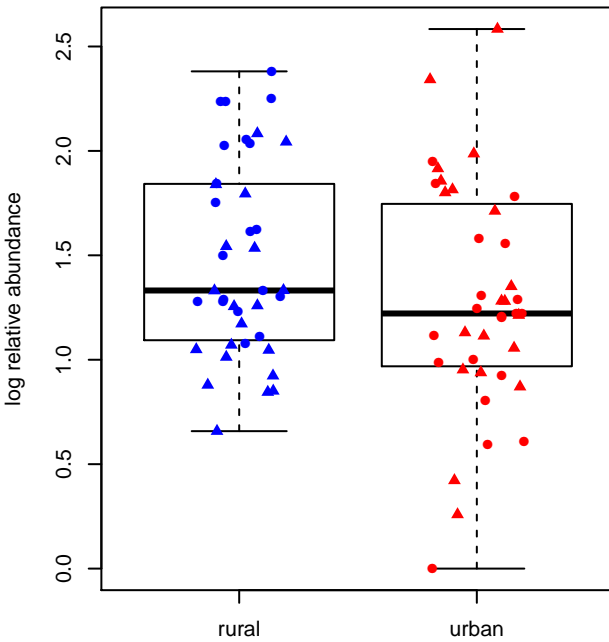


subject ID

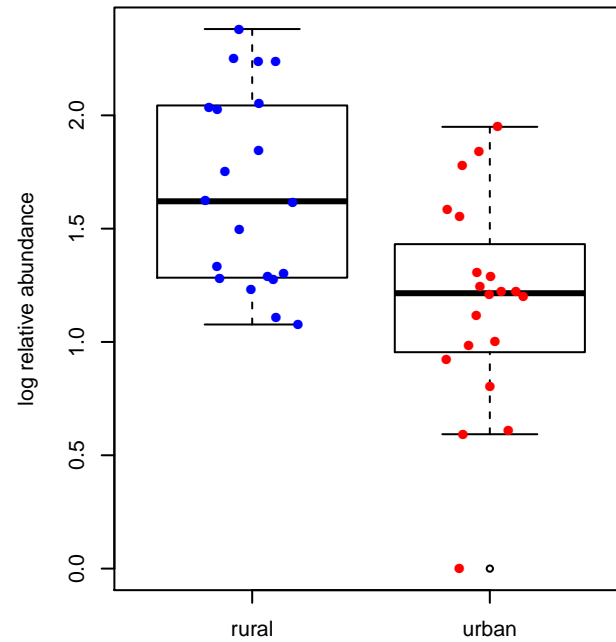


16S family: Coriobacteriaceae  
pAdjRuralUrban=0.322; pAdjTime=0.773; pAdjSubject=0.278

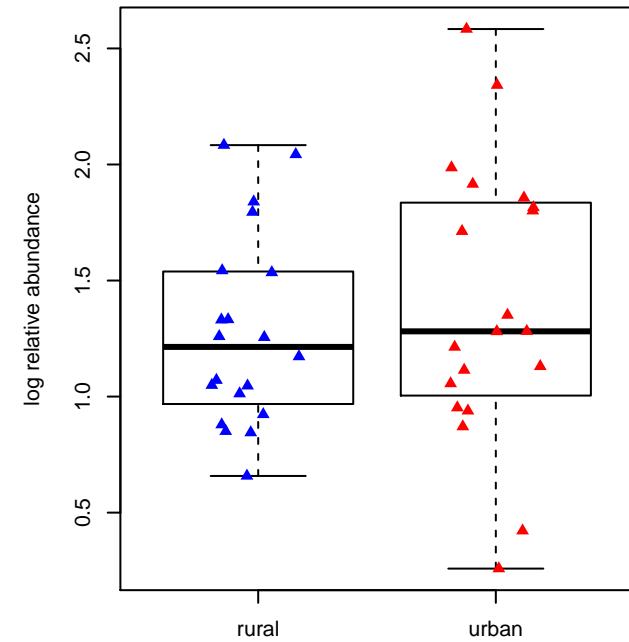
rual vs. urban both timepoints



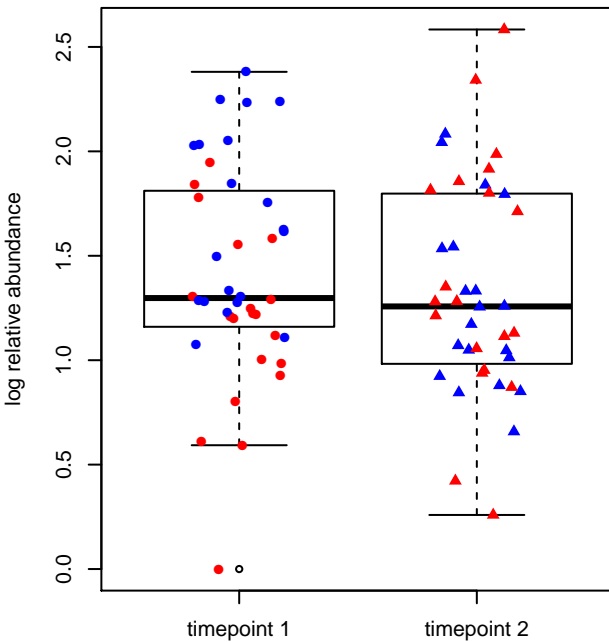
rual vs. urban time 1



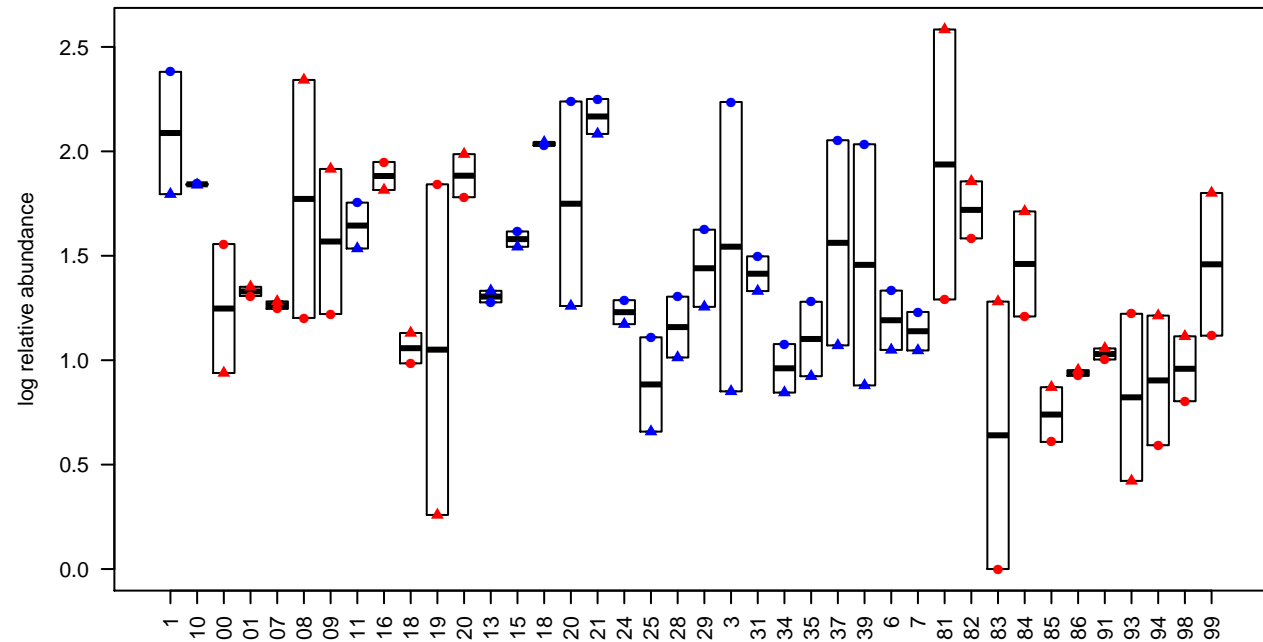
rual vs. urban time 2



time 1 vs. time 2

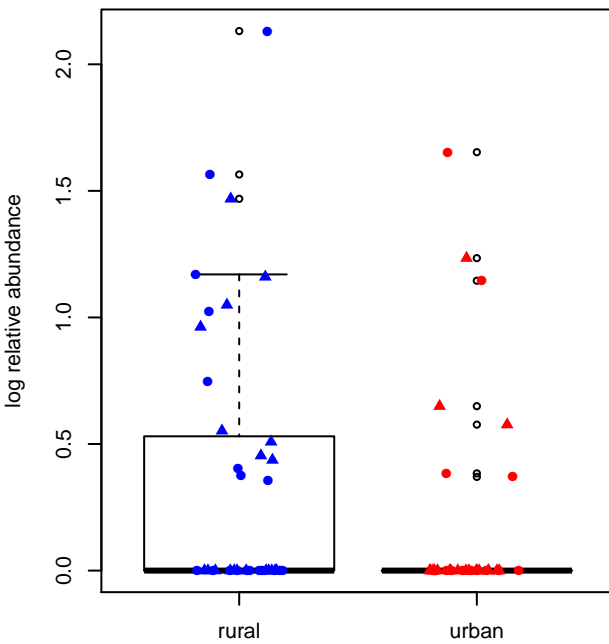


subject ID

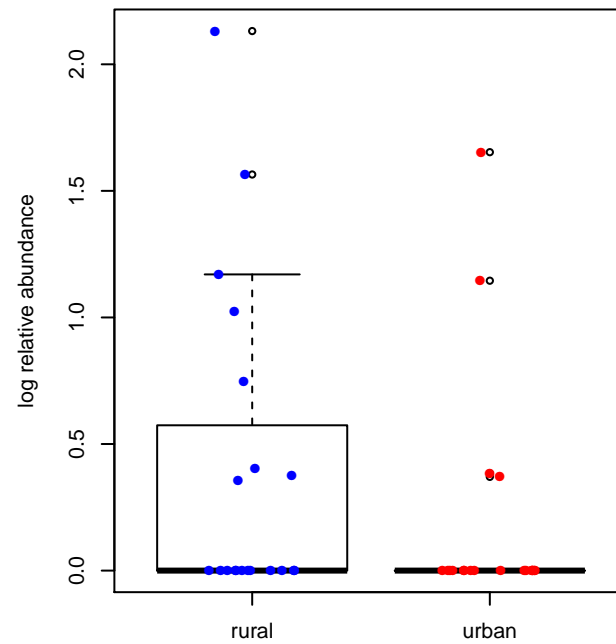


16S family: Oxalobacteraceae  
pAdjRuralUrban=0.322; pAdjTime=0.794; pAdjSubject=0.000507

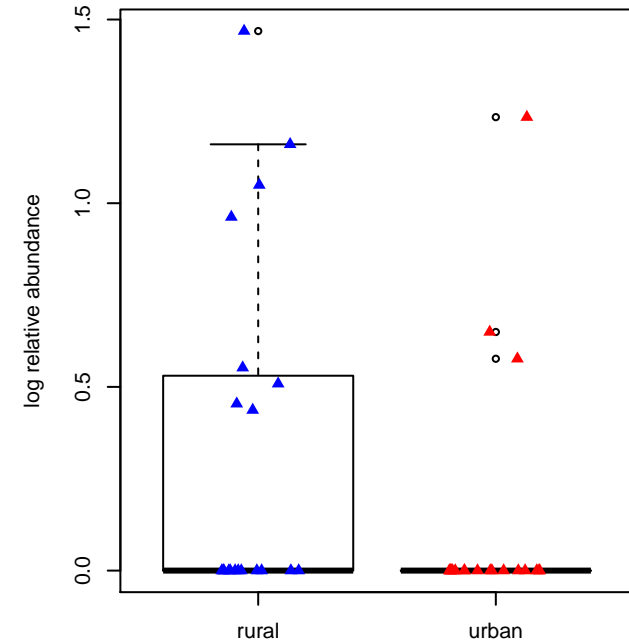
rual vs. urban both timepoints



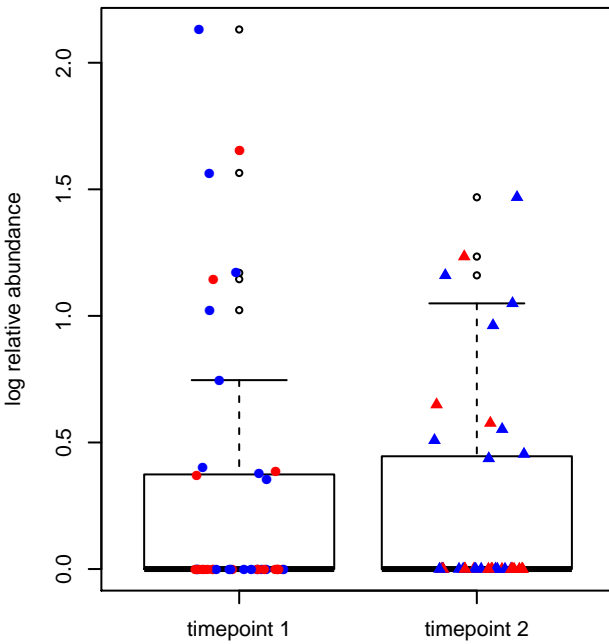
rual vs. urban time 1



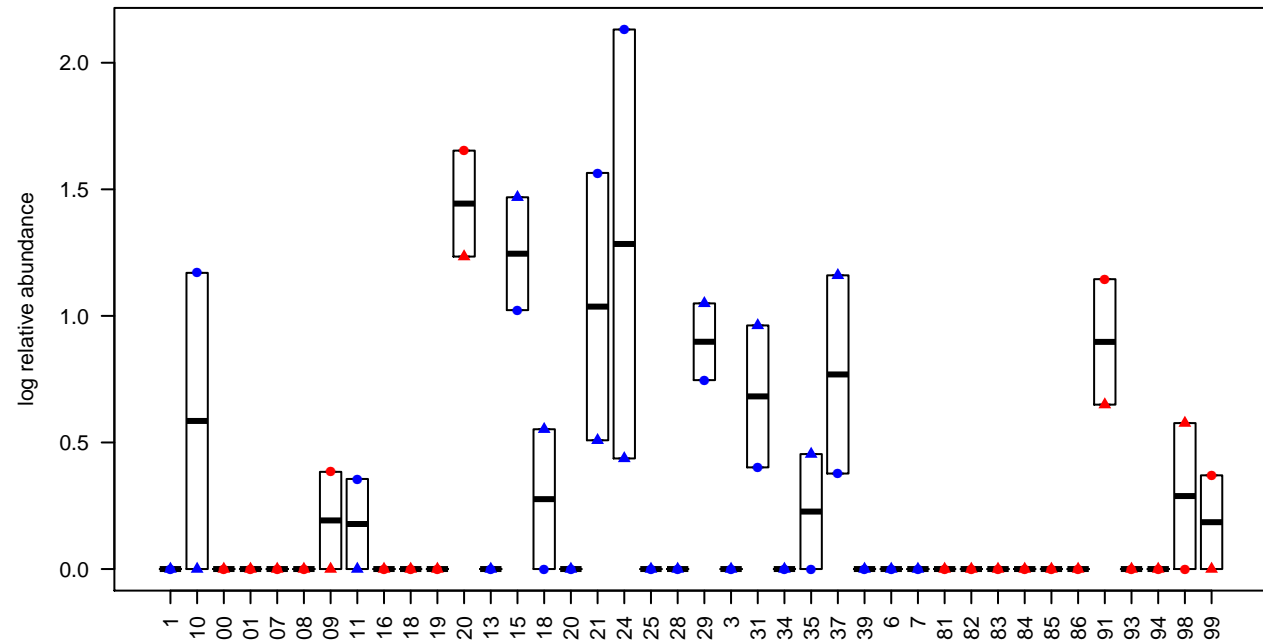
rual vs. urban time 2



time 1 vs. time 2

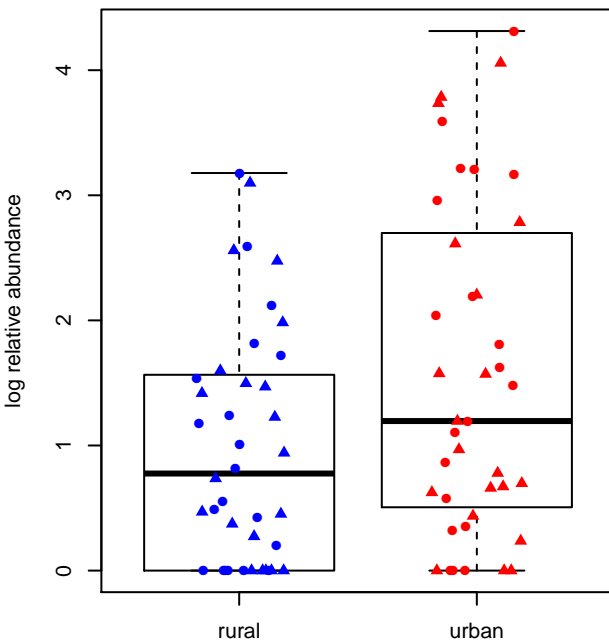


subject ID

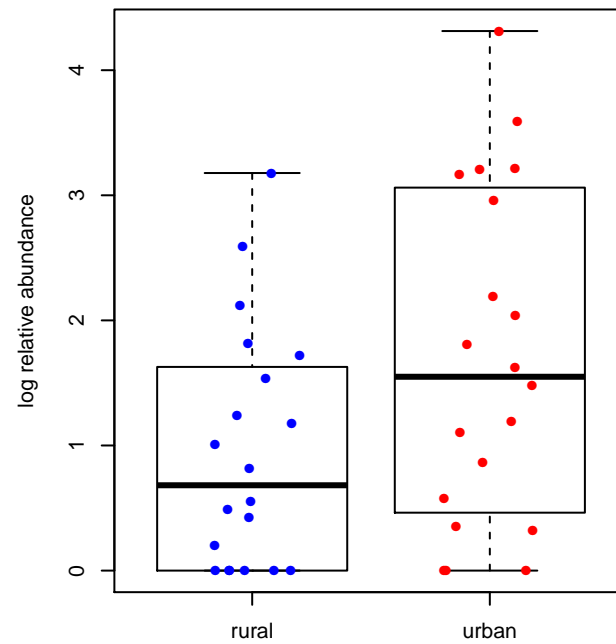


16S family: Fusobacteriaceae  
pAdjRuralUrban=0.322; pAdjTime=0.8; pAdjSubject=3.01e-07

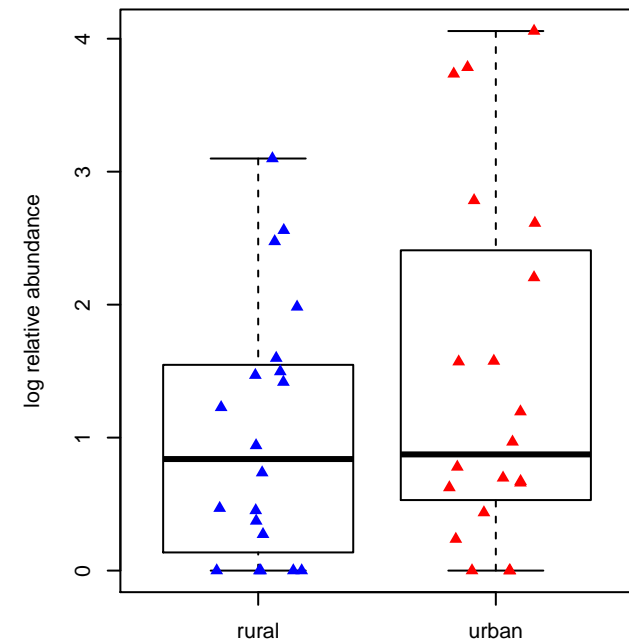
rual vs. urban both timepoints



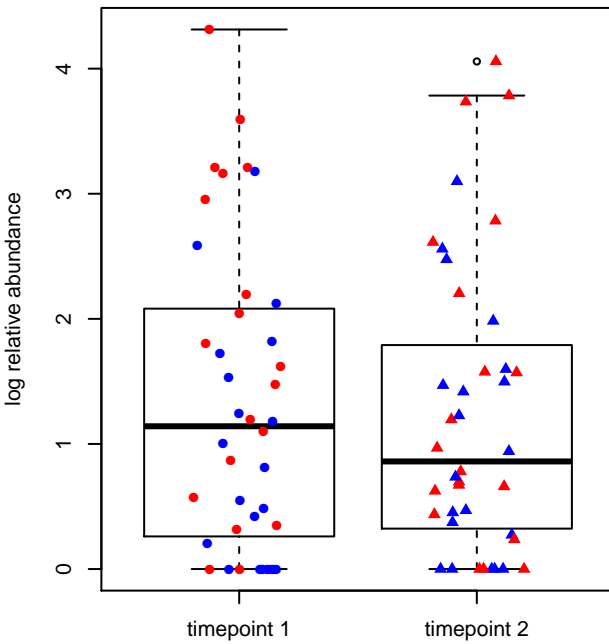
rual vs. urban time 1



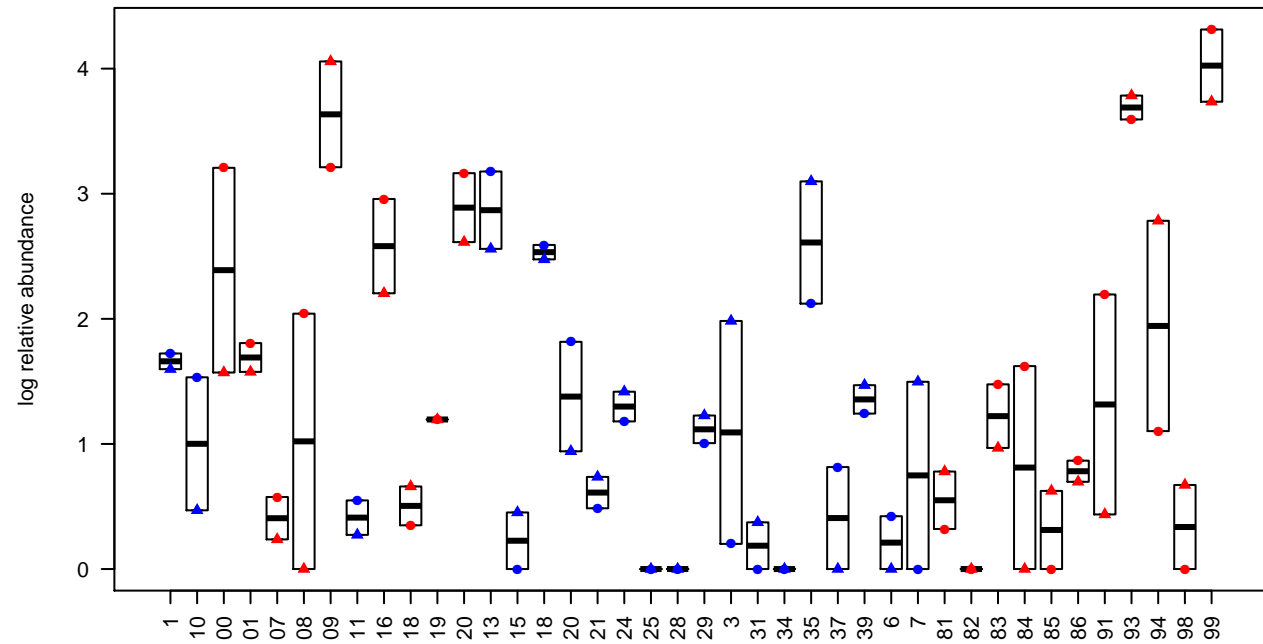
rual vs. urban time 2



time 1 vs. time 2

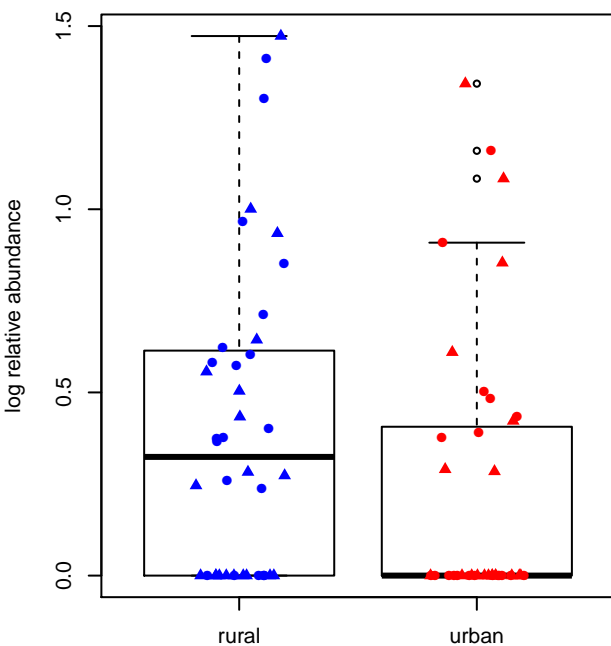


subject ID

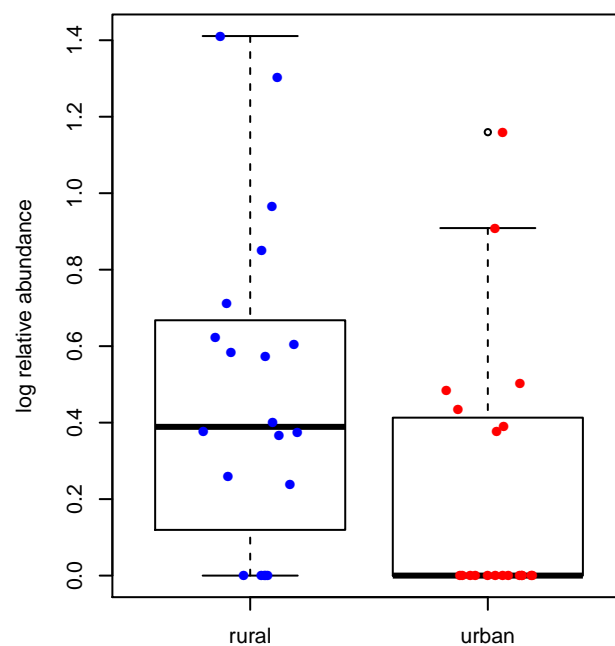


16S family: Clostridiales\_Incertae.Sedis.XIII  
pAdjRuralUrban=0.322; pAdjTime=0.683; pAdjSubject=0.00158

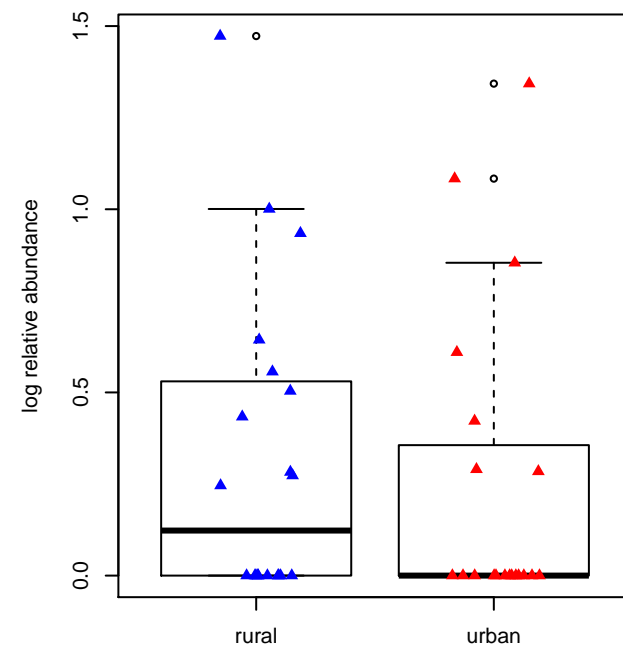
rual vs. urban both timepoints



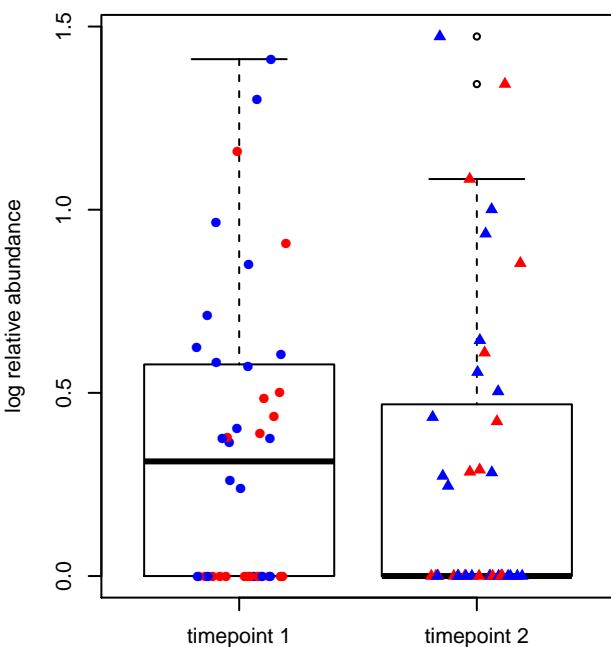
rual vs. urban time 1



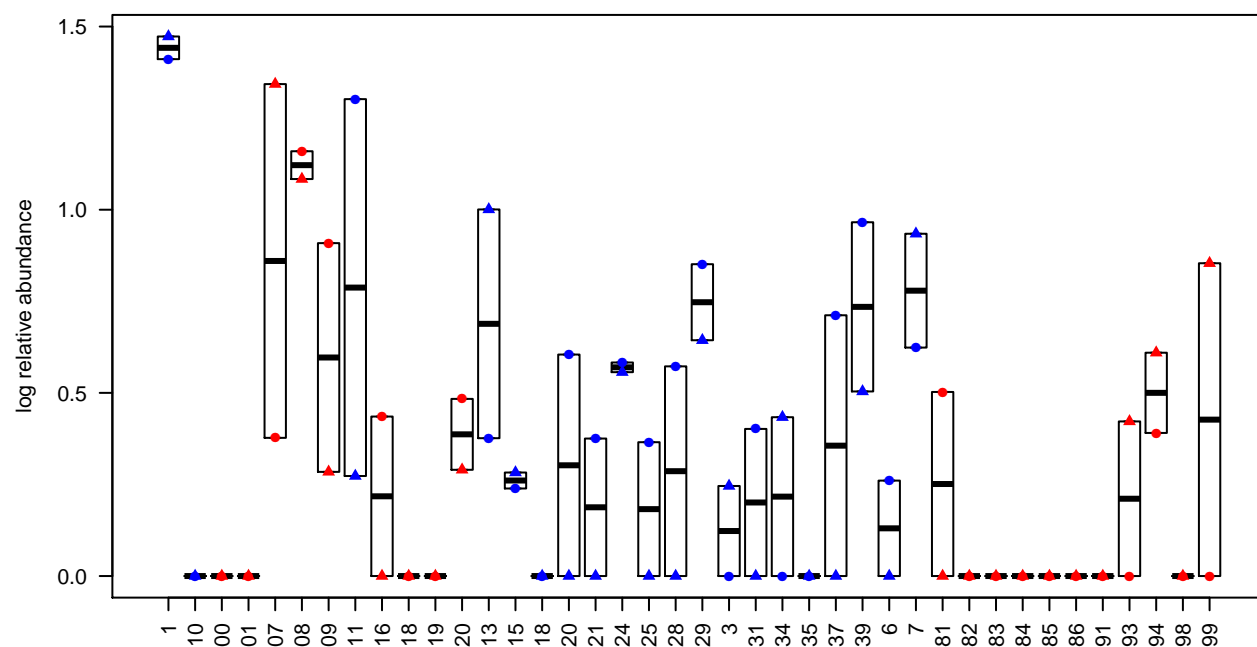
rual vs. urban time 2



time 1 vs. time 2

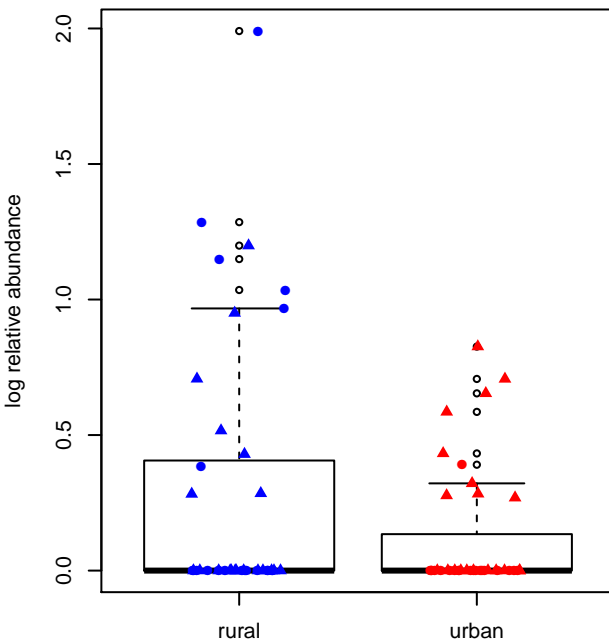


subject ID

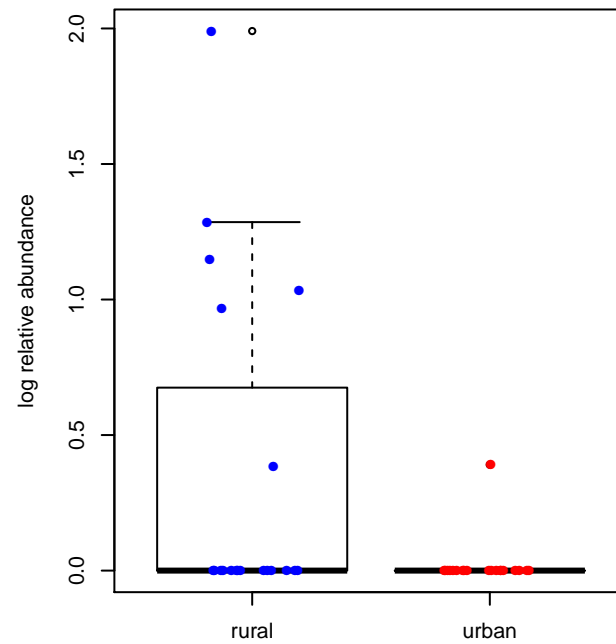


16S family: Enterococcaceae  
pAdjRuralUrban=0.322; pAdjTime=0.831; pAdjSubject=0.099

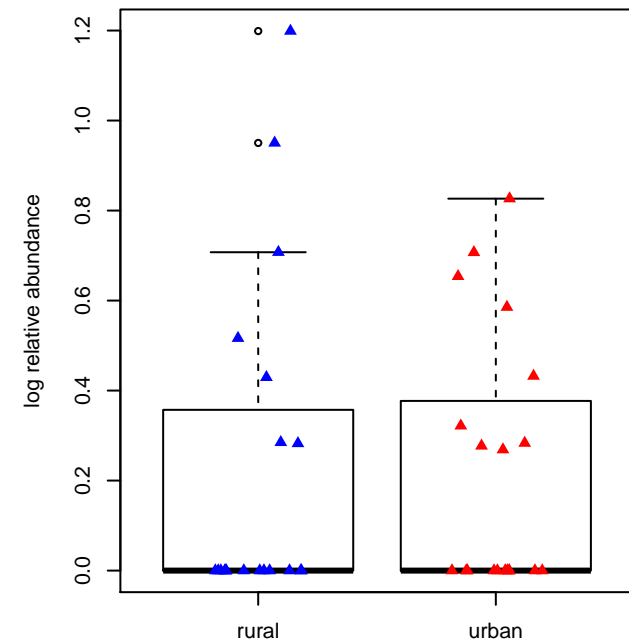
rural vs. urban both timepoints



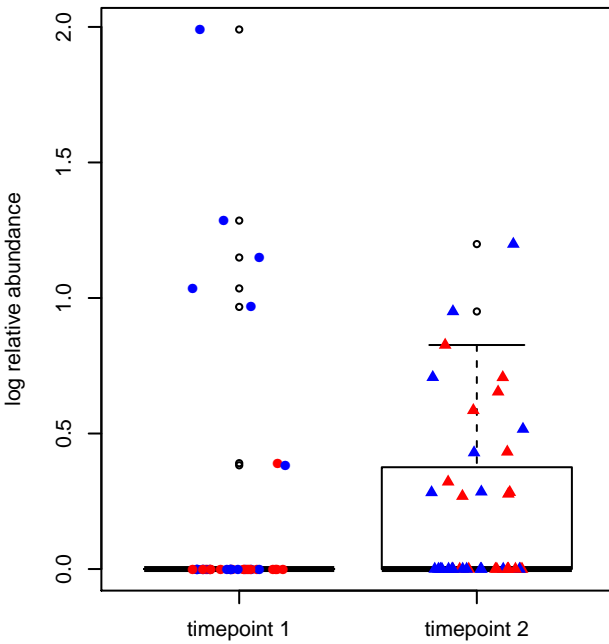
rural vs. urban time 1



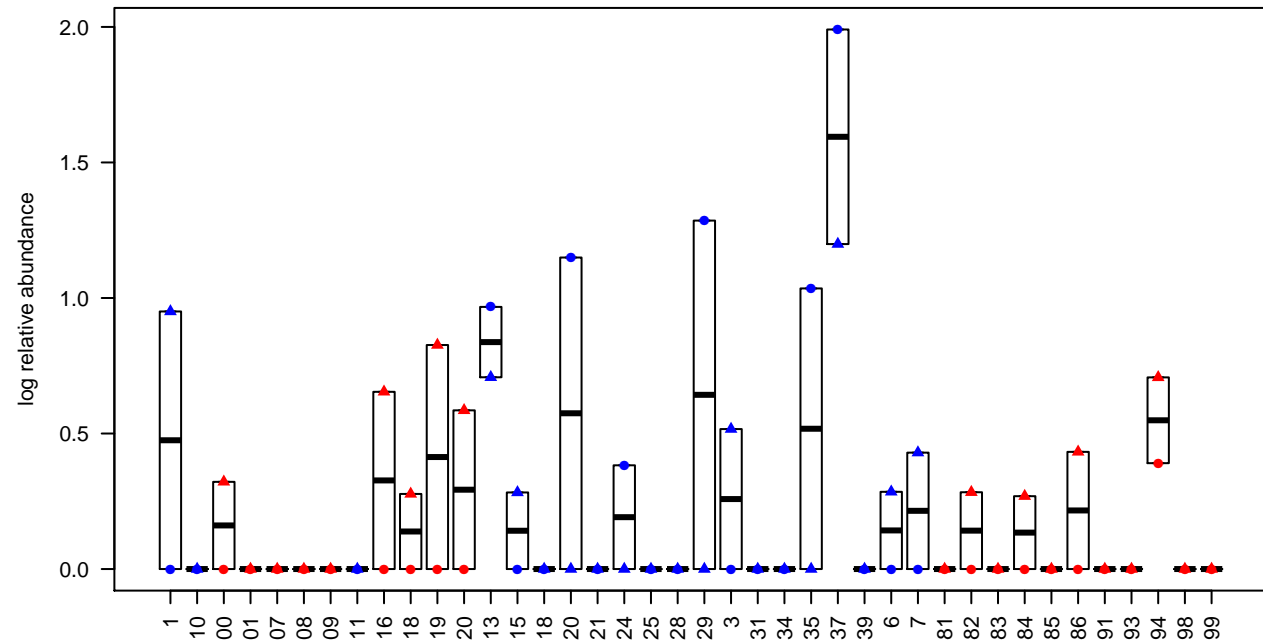
rural vs. urban time 2



time 1 vs. time 2

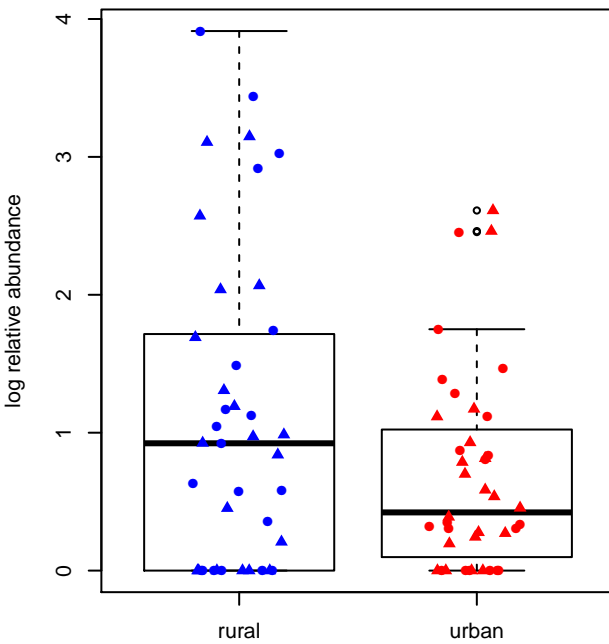


subject ID

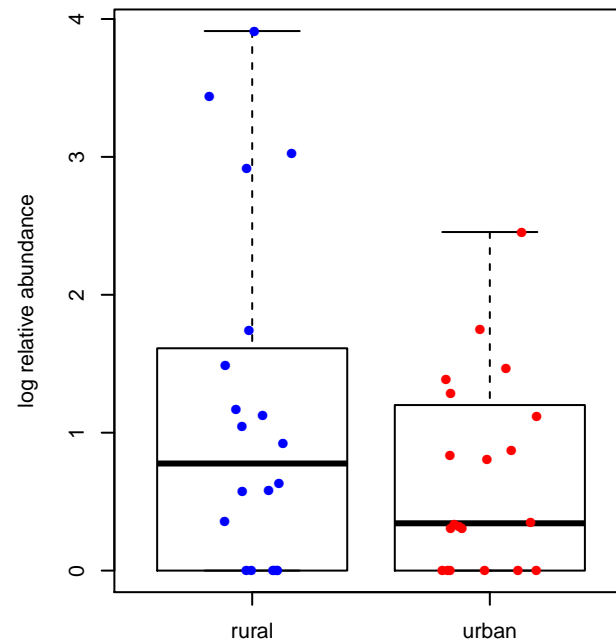


16S family: Lactobacillaceae  
pAdjRuralUrban=0.322; pAdjTime=0.909; pAdjSubject=6.91e-08

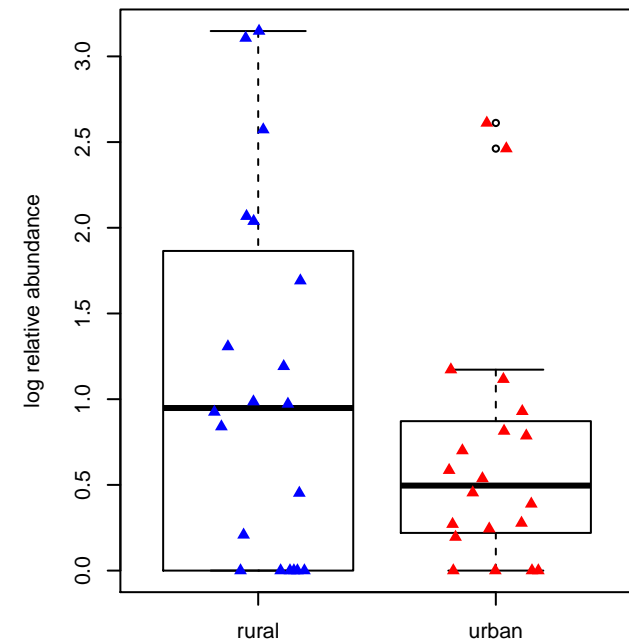
rual vs. urban both timepoints



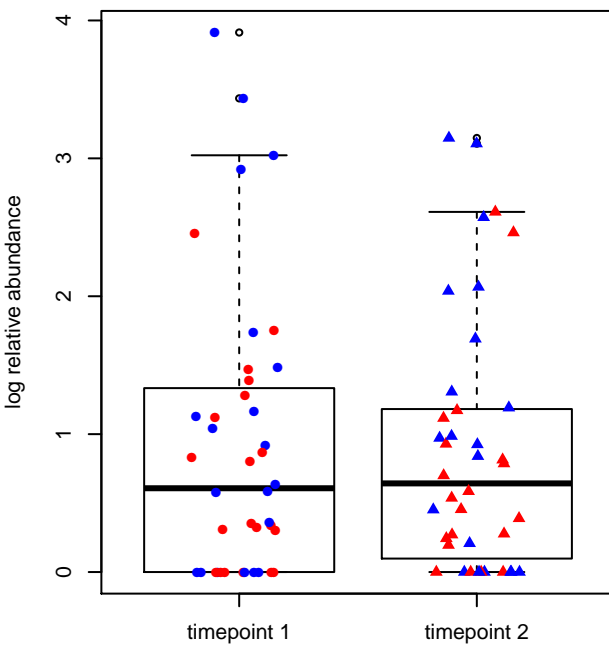
rual vs. urban time 1



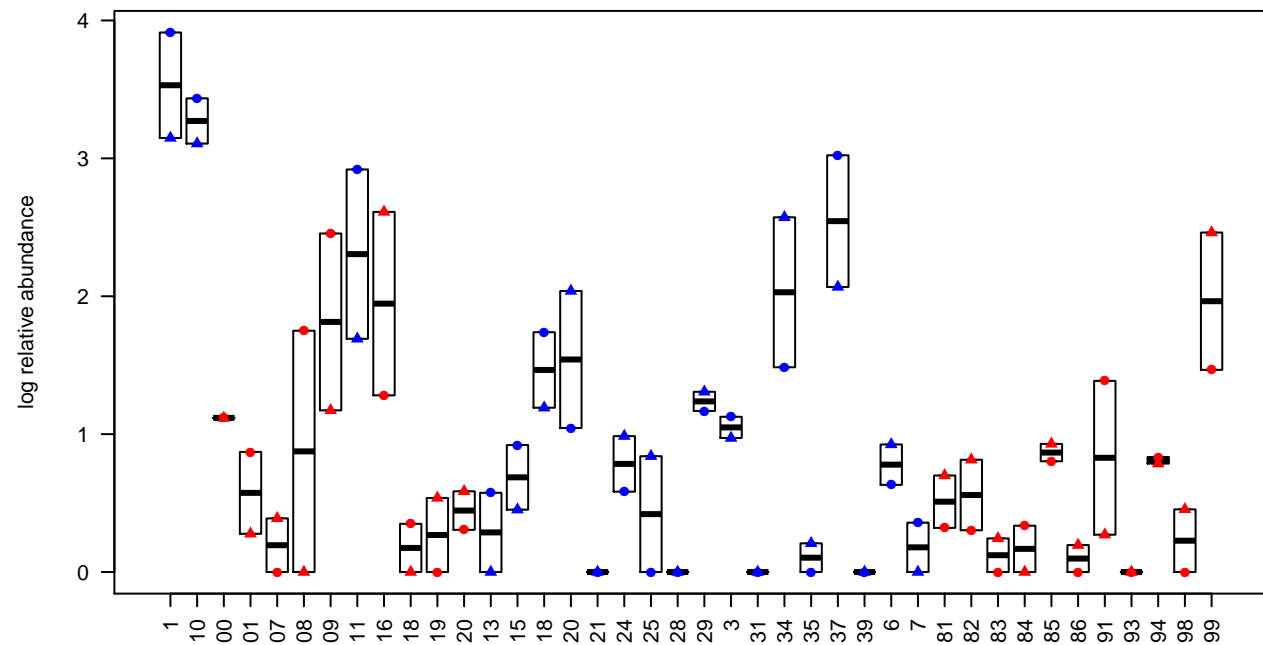
rual vs. urban time 2



time 1 vs. time 2



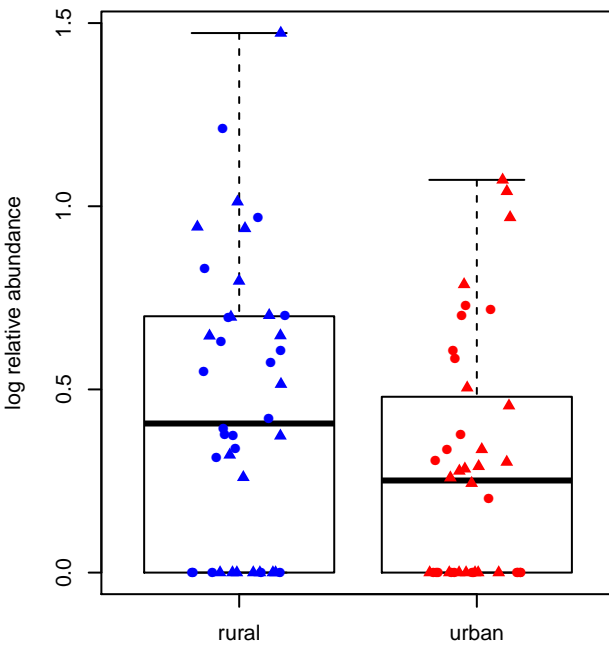
subject ID



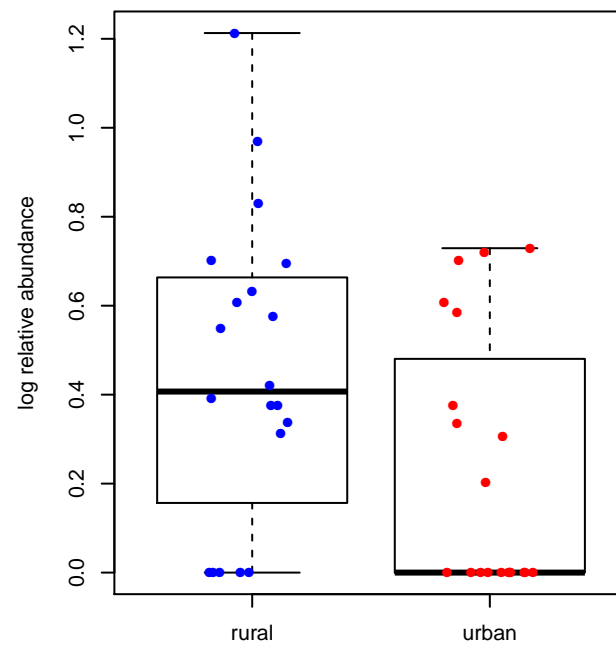


16S family: Bacillales\_Incertae.Sedis.XI  
pAdjRuralUrban=0.322; pAdjTime=0.606; pAdjSubject=0.000194

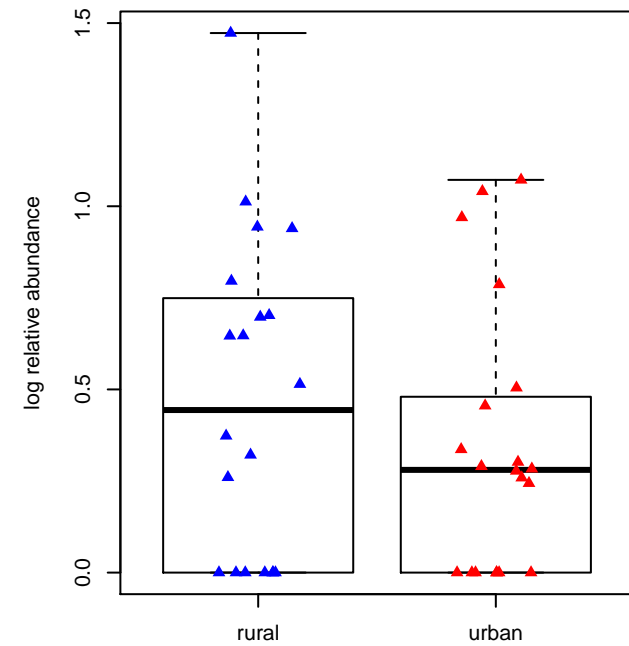
rual vs. urban both timepoints



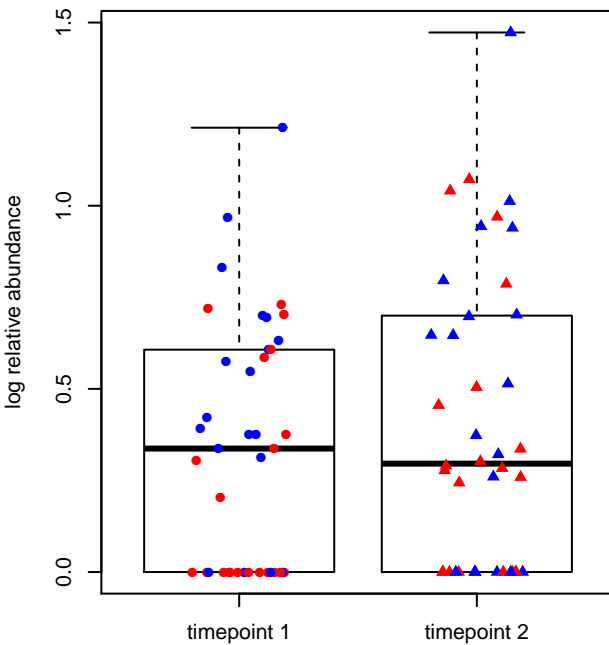
rual vs. urban time 1



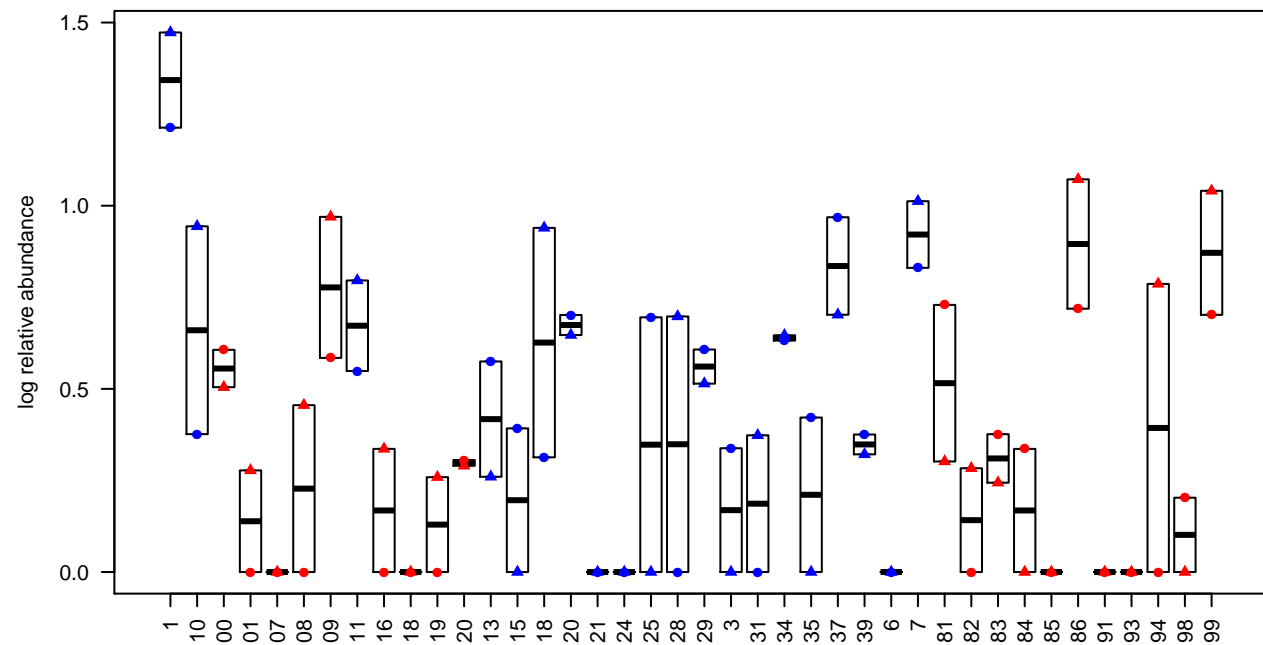
rual vs. urban time 2



time 1 vs. time 2

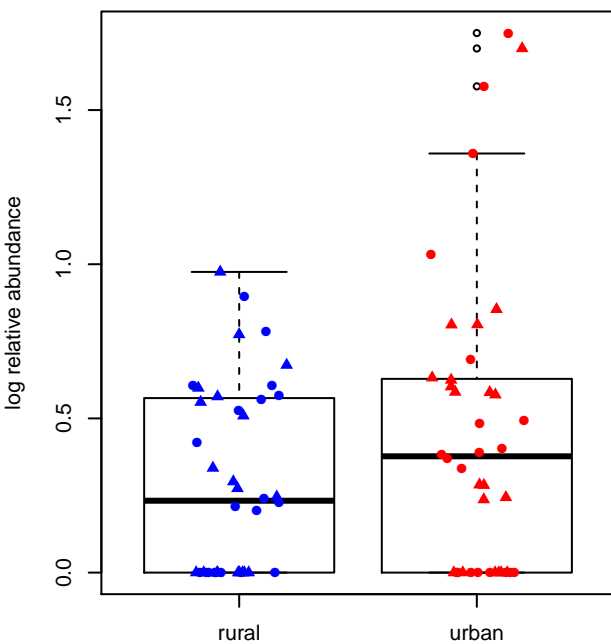


subject ID

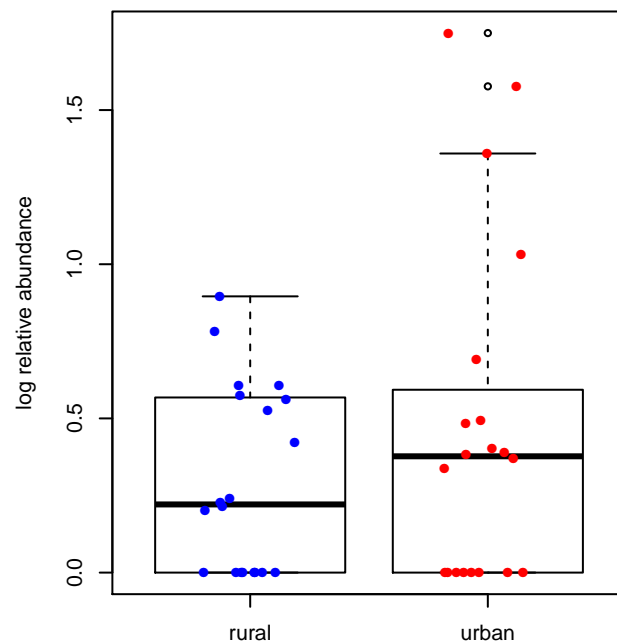


16S family: Eubacteriaceae  
pAdjRuralUrban=0.355; pAdjTime=0.916; pAdjSubject=0.00208

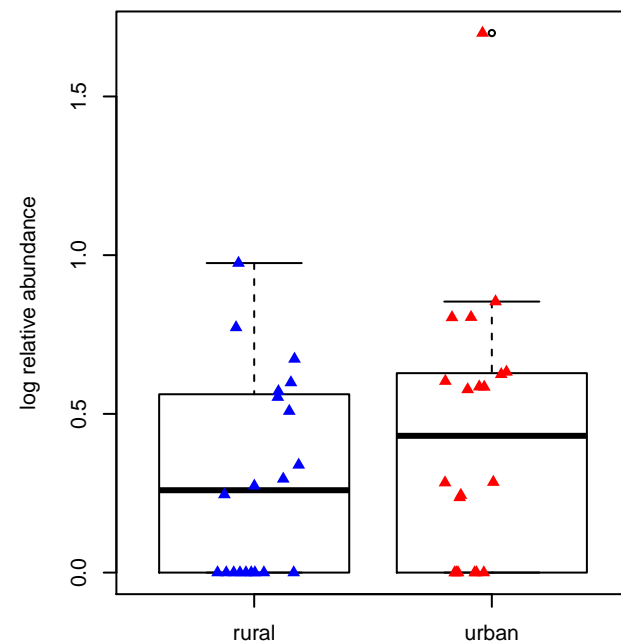
rural vs. urban both timepoints



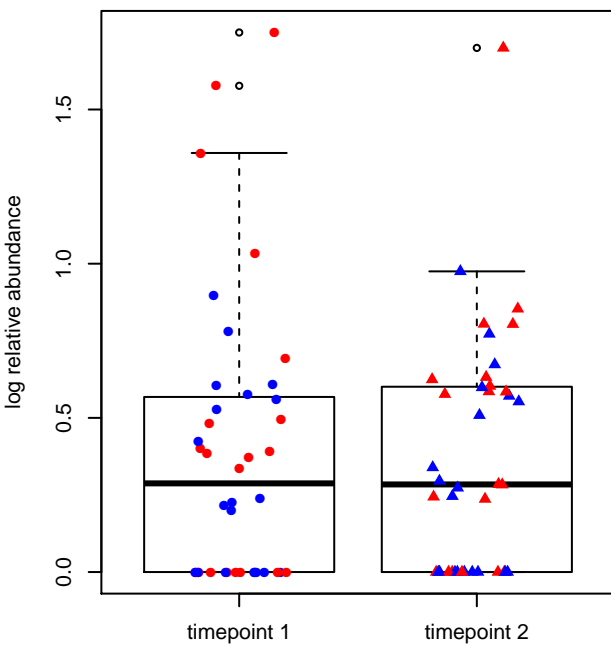
rural vs. urban time 1



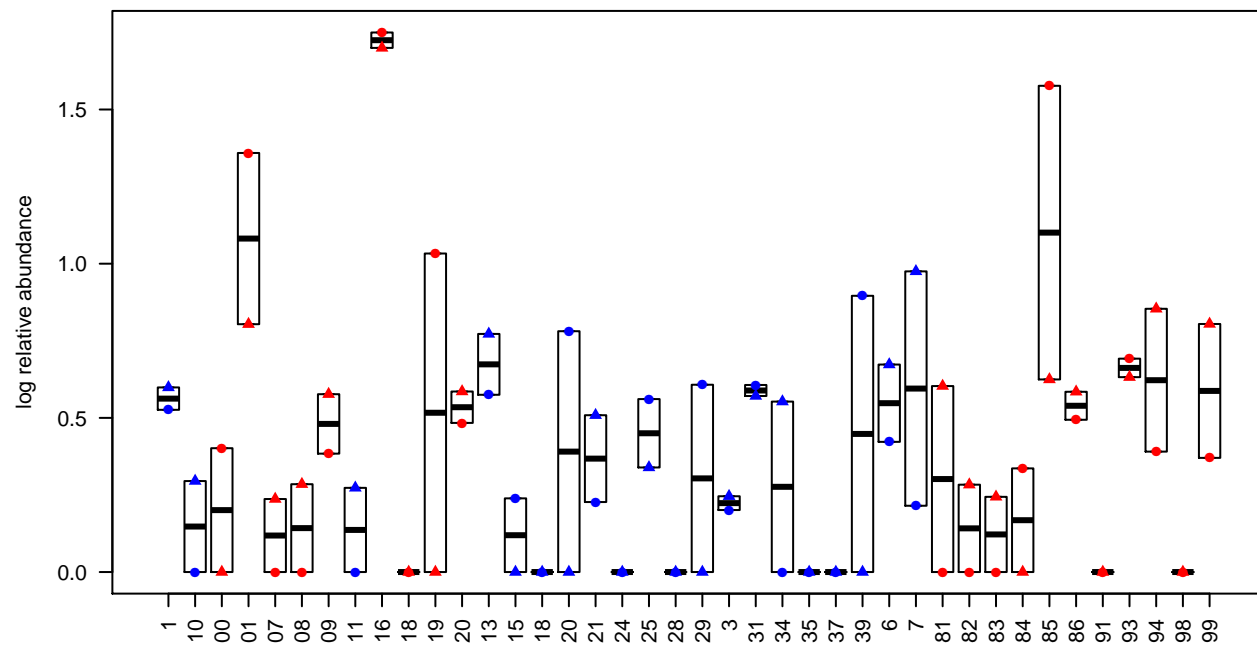
rural vs. urban time 2



time 1 vs. time 2

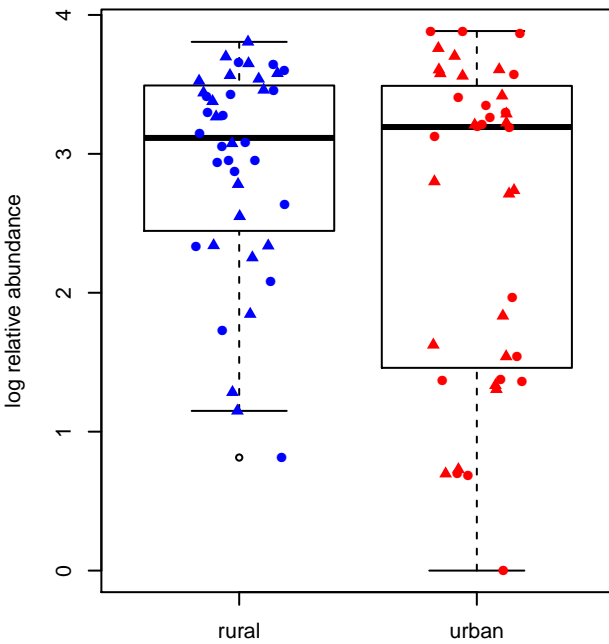


subject ID

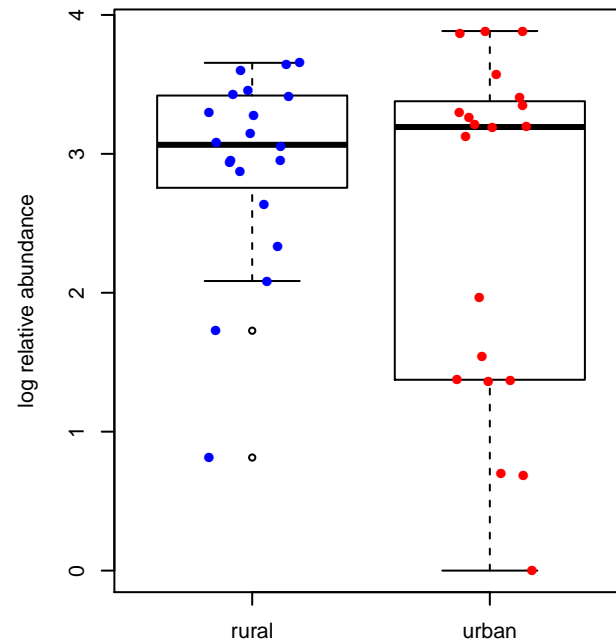


16S family: Acidaminococcaceae  
pAdjRuralUrban=0.43; pAdjTime=0.831; pAdjSubject=6.91e-08

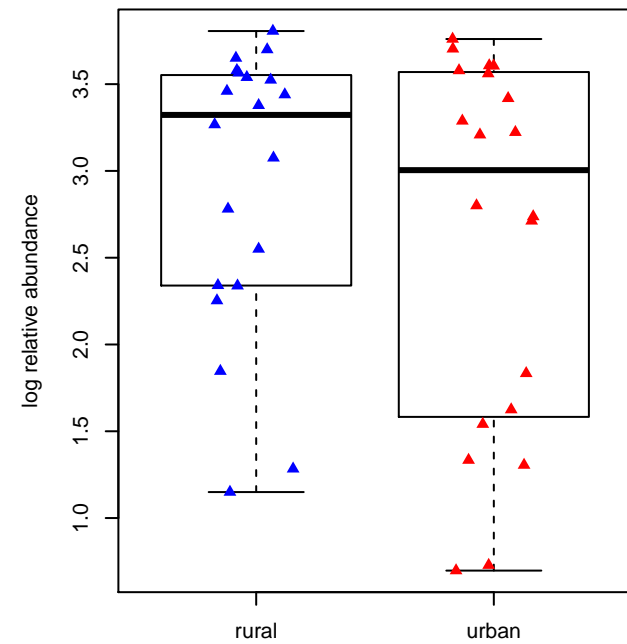
rual vs. urban both timepoints



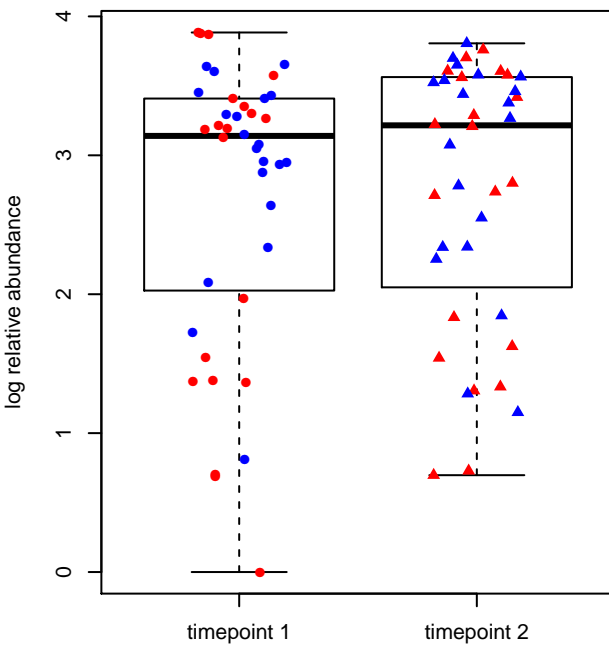
rual vs. urban time 1



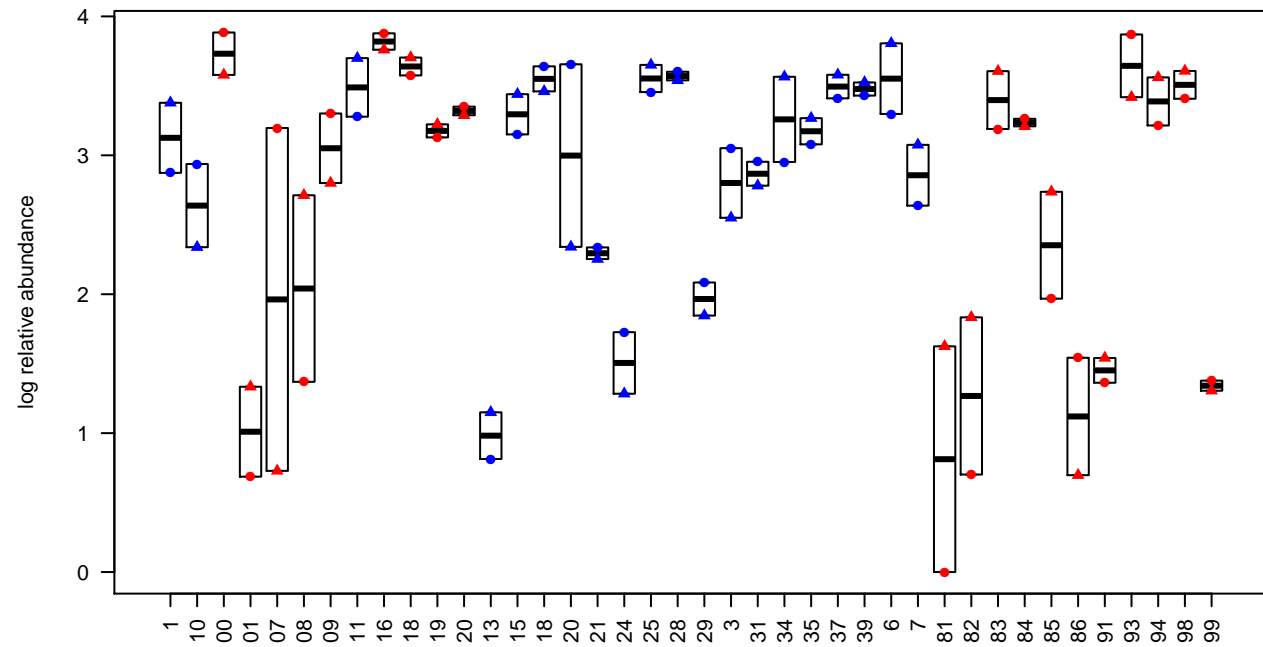
rual vs. urban time 2



time 1 vs. time 2

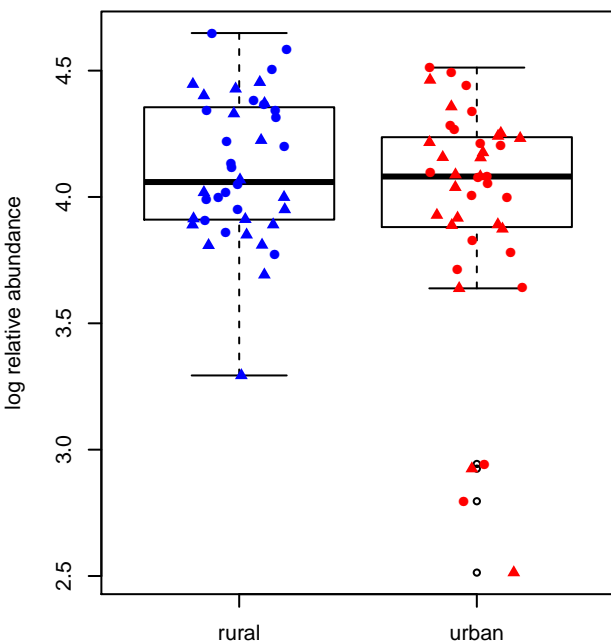


subject ID

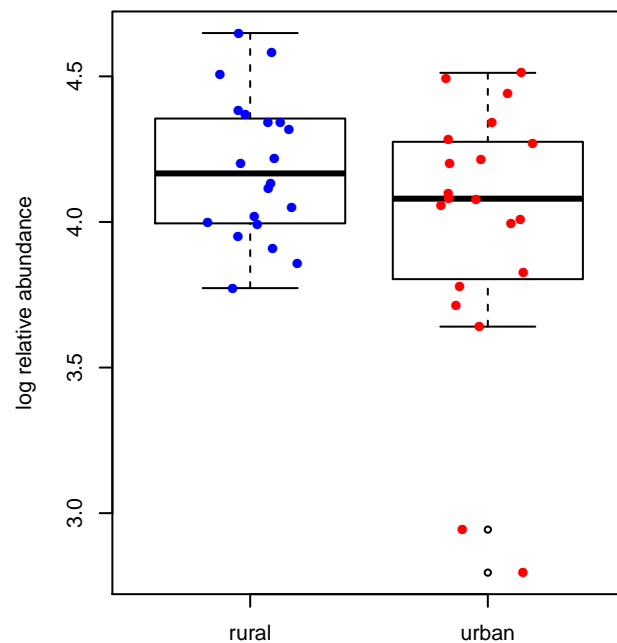


16S family: Ruminococcaceae  
pAdjRuralUrban=0.43; pAdjTime=0.174; pAdjSubject=5.23e-10

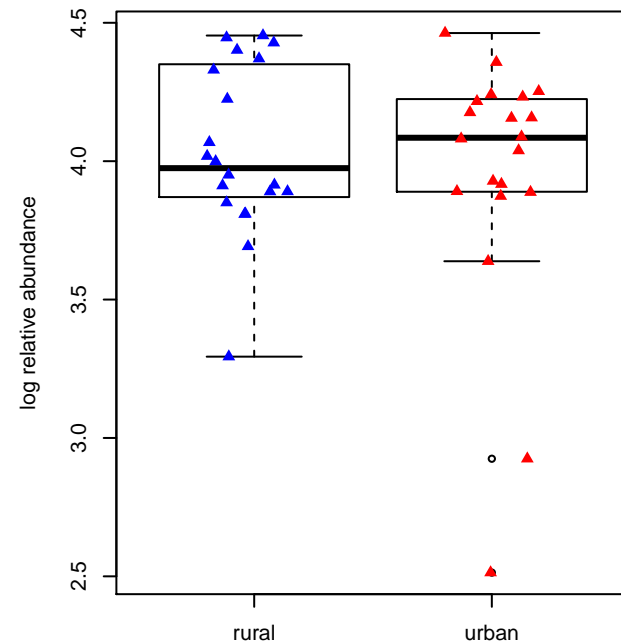
rual vs. urban both timepoints



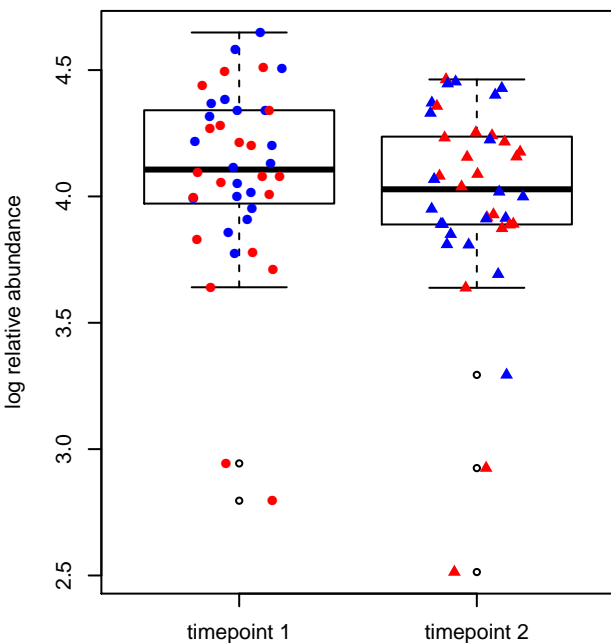
rual vs. urban time 1



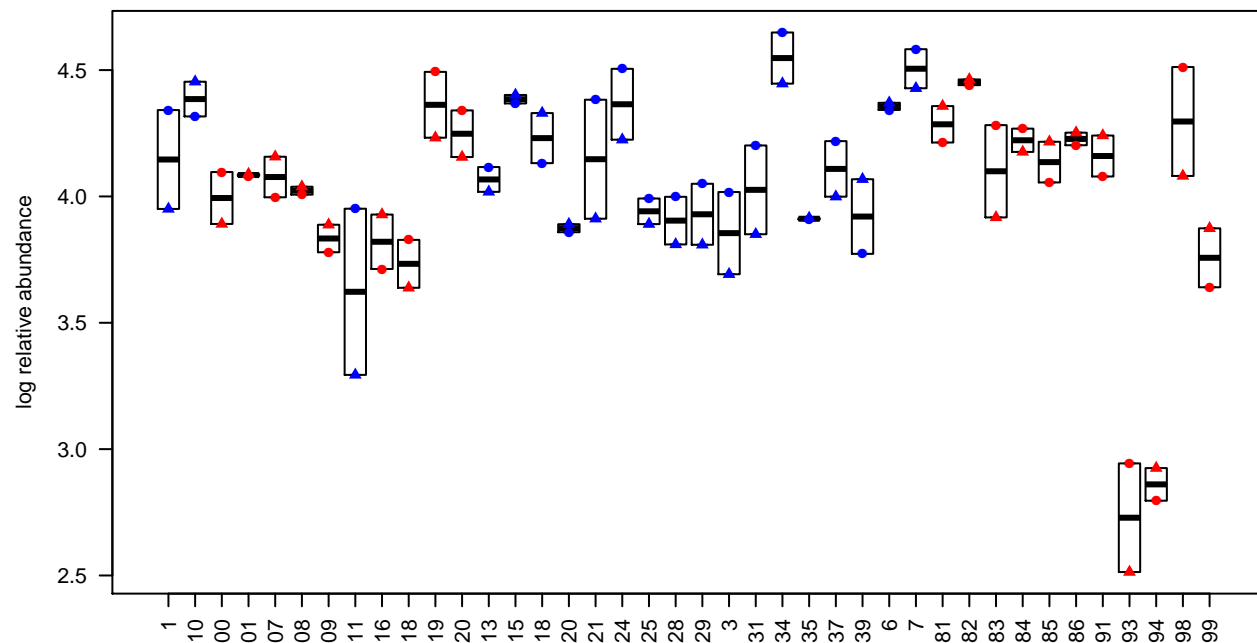
rual vs. urban time 2



time 1 vs. time 2

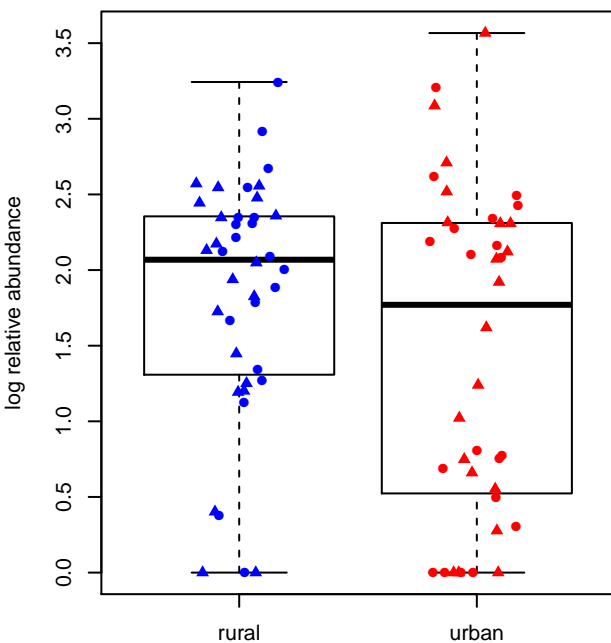


subject ID

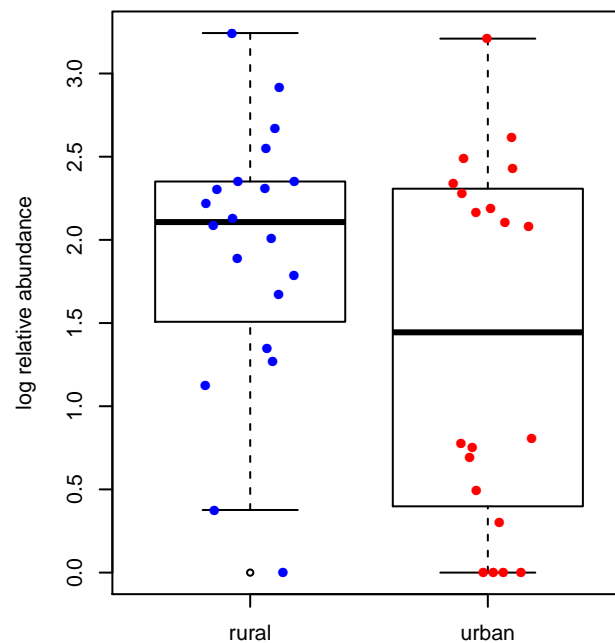


16S family: Desulfovibrionaceae  
pAdjRuralUrban=0.43; pAdjTime=0.916; pAdjSubject=1.35e-09

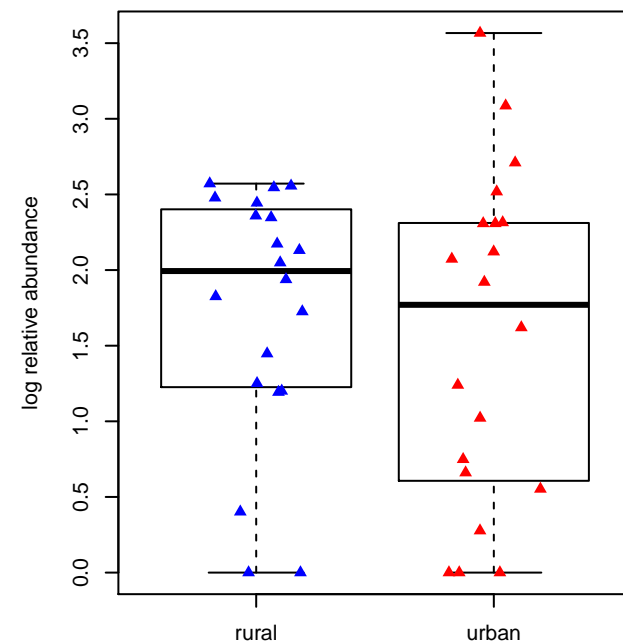
rual vs. urban both timepoints



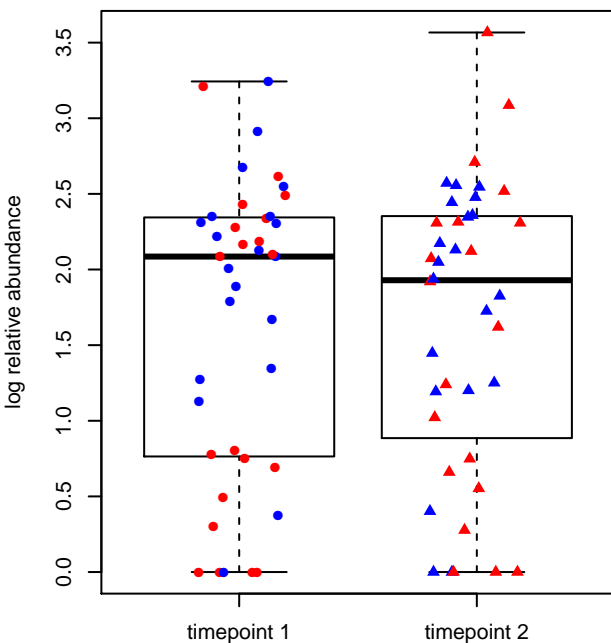
rual vs. urban time 1



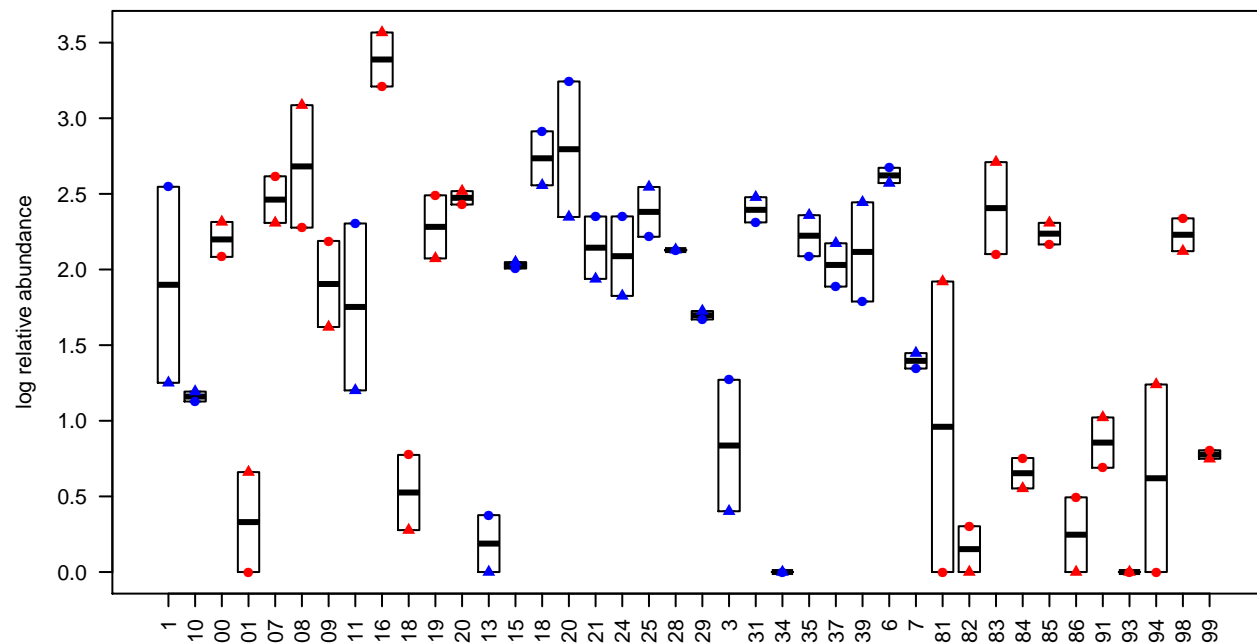
rual vs. urban time 2



time 1 vs. time 2

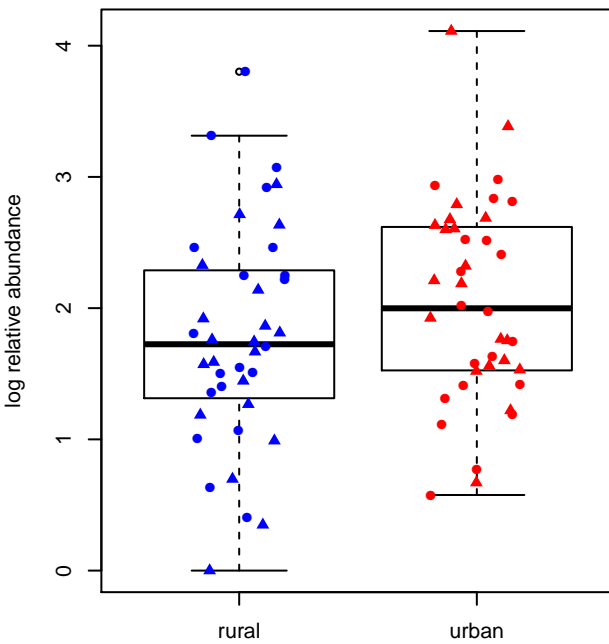


subject ID

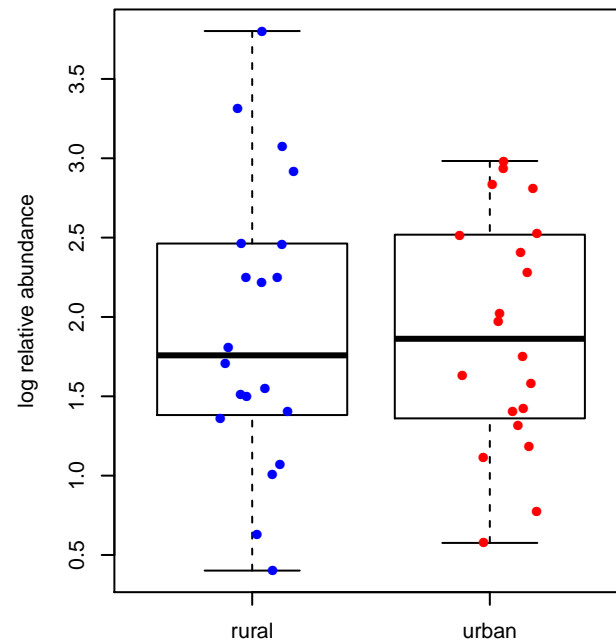


16S family: Bifidobacteriaceae  
pAdjRuralUrban=0.457; pAdjTime=0.96; pAdjSubject=3.96e-05

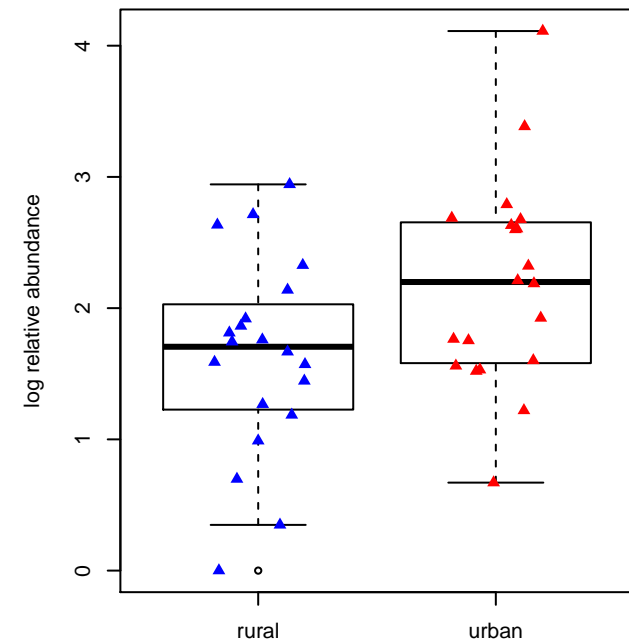
rural vs. urban both timepoints



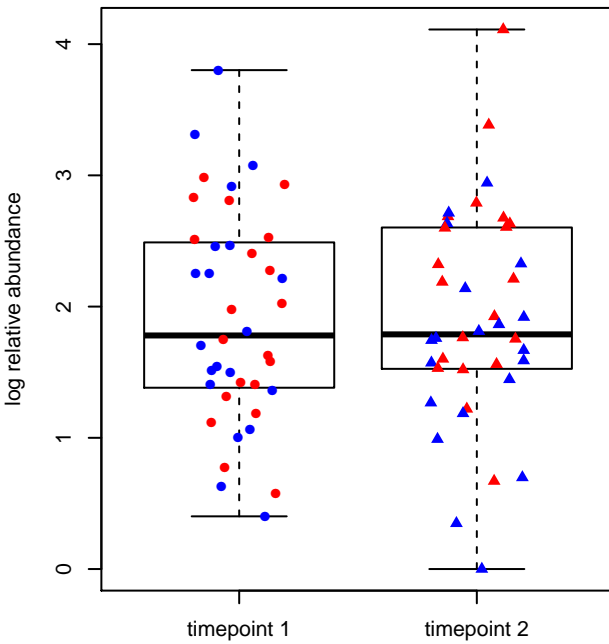
rural vs. urban time 1



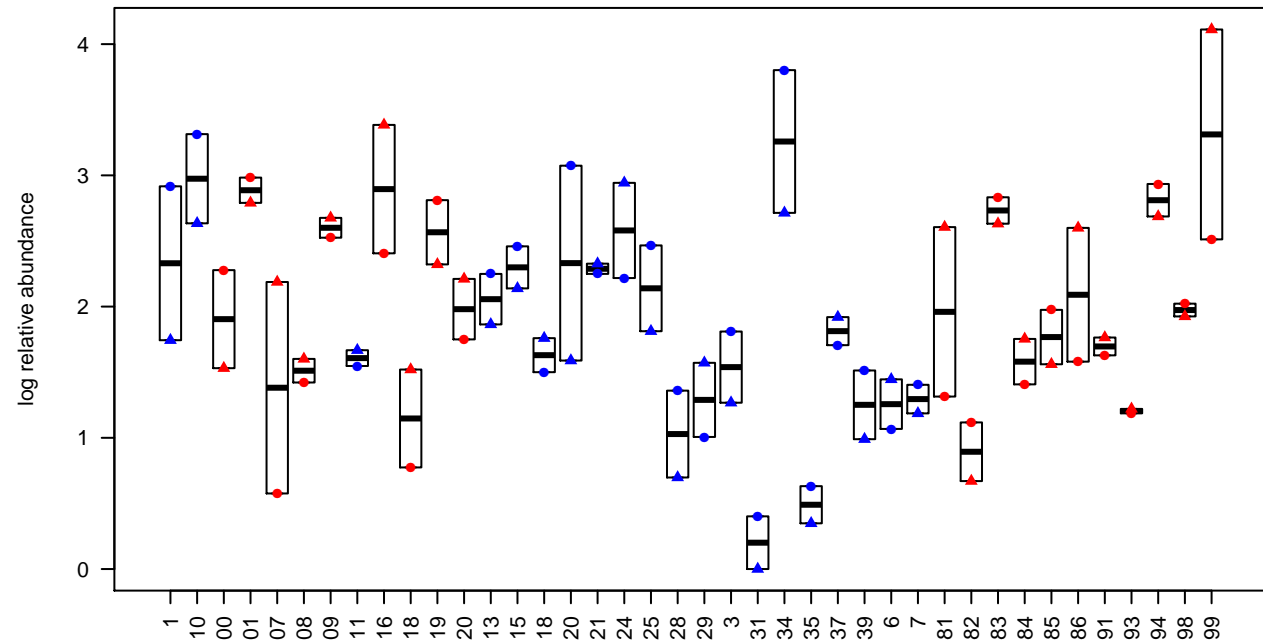
rural vs. urban time 2



time 1 vs. time 2

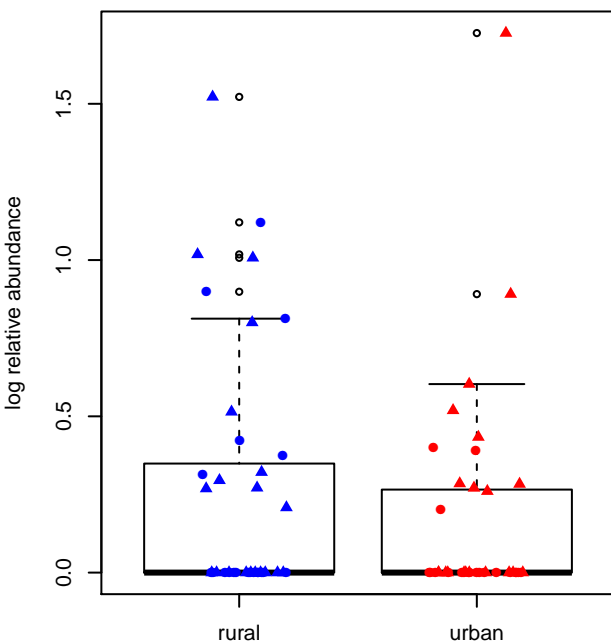


subject ID

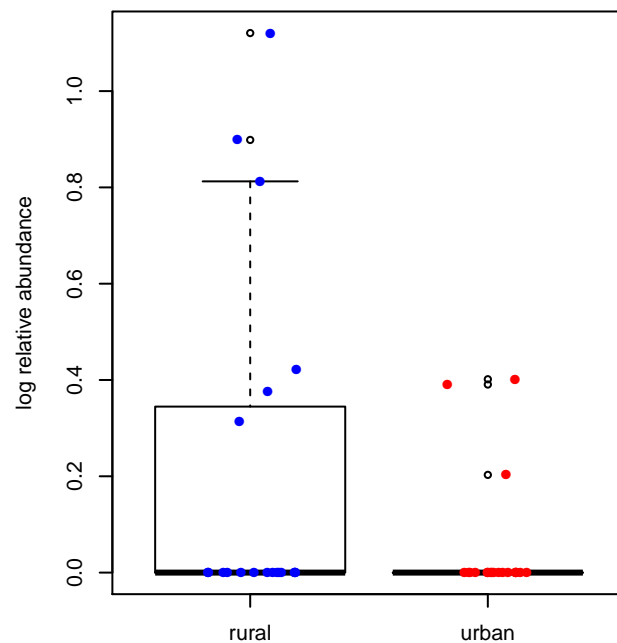


16S family: Comamonadaceae  
pAdjRuralUrban=0.457; pAdjTime=0.241; pAdjSubject=0.59

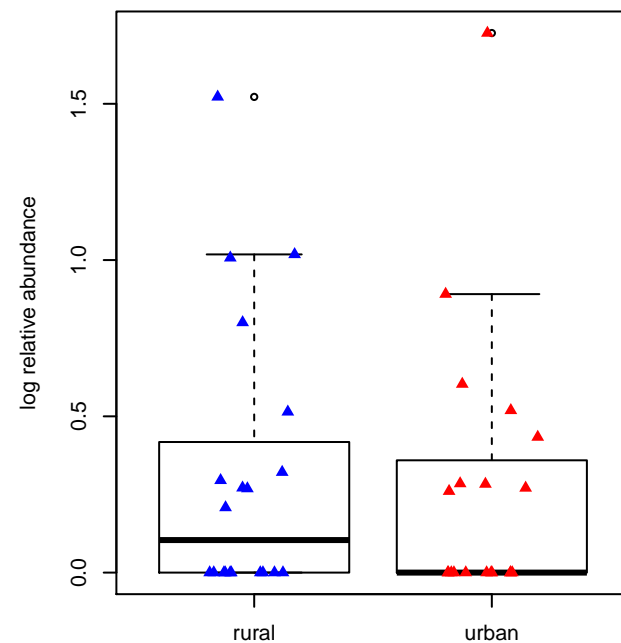
rural vs. urban both timepoints



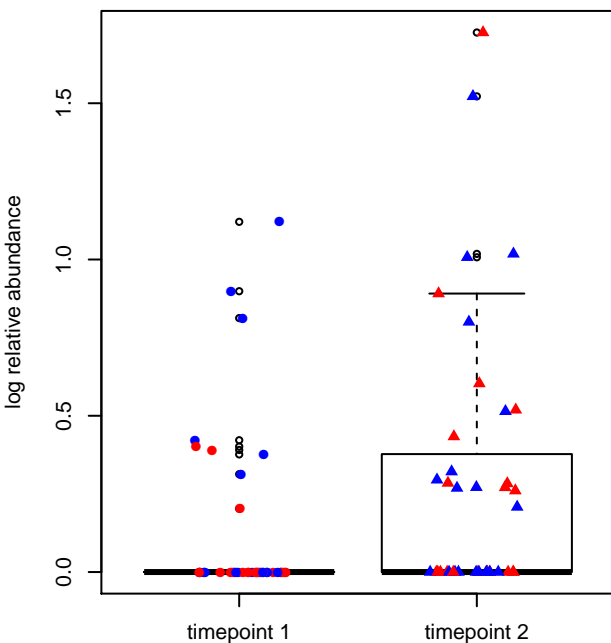
rural vs. urban time 1



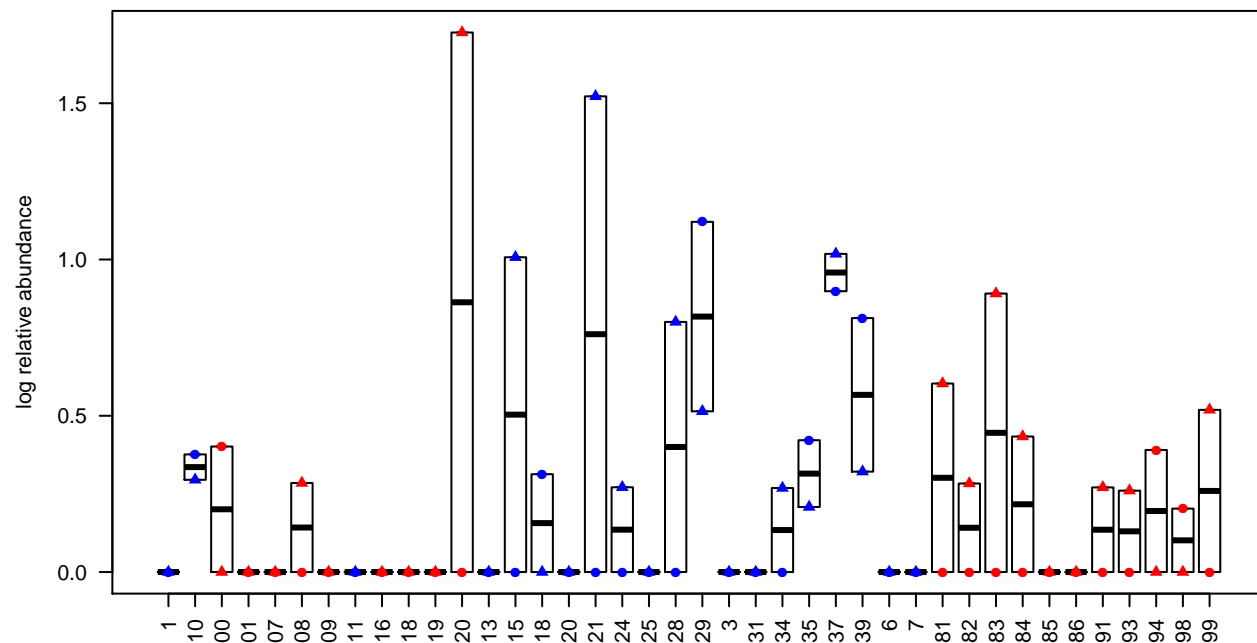
rural vs. urban time 2



time 1 vs. time 2

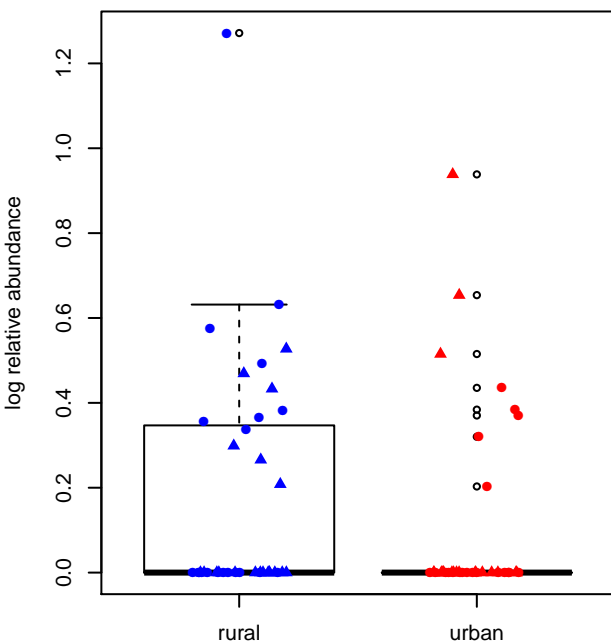


subject ID

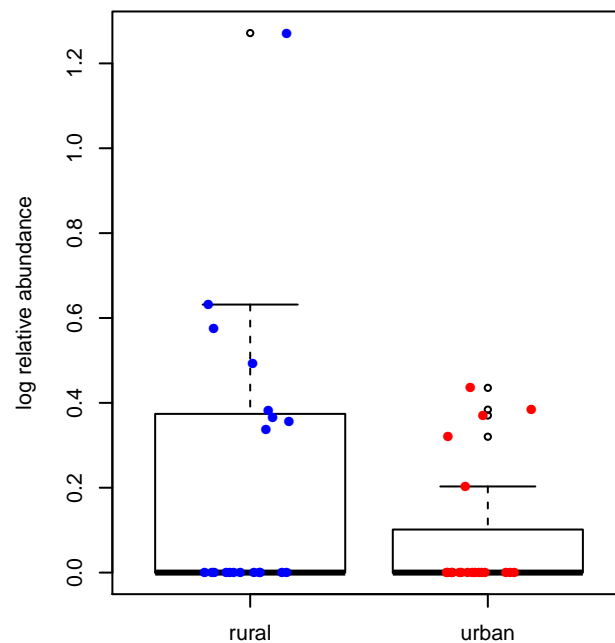


16S family: Corynebacteriaceae  
pAdjRuralUrban=0.479; pAdjTime=0.683; pAdjSubject=0.0255

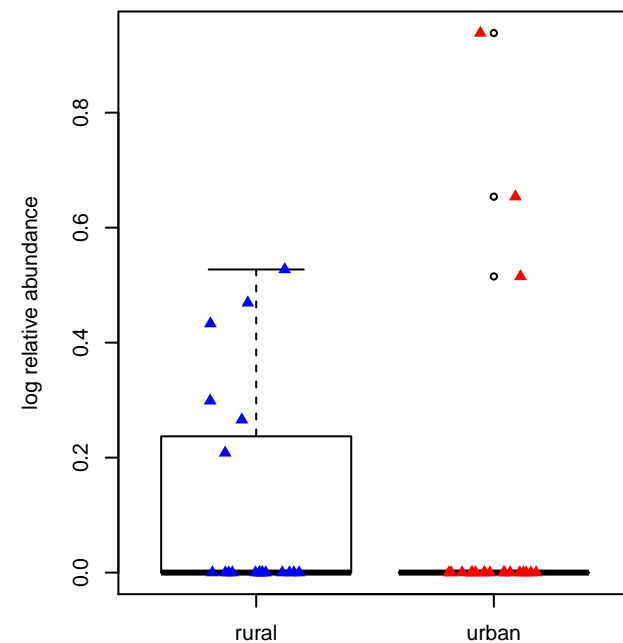
rural vs. urban both timepoints



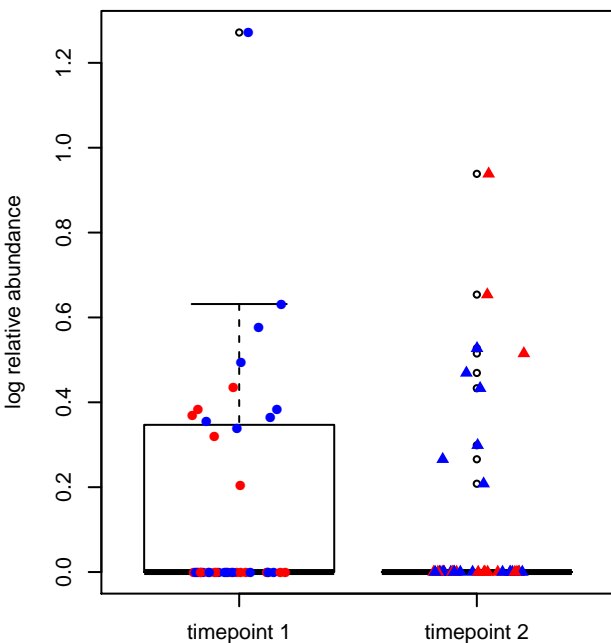
rural vs. urban time 1



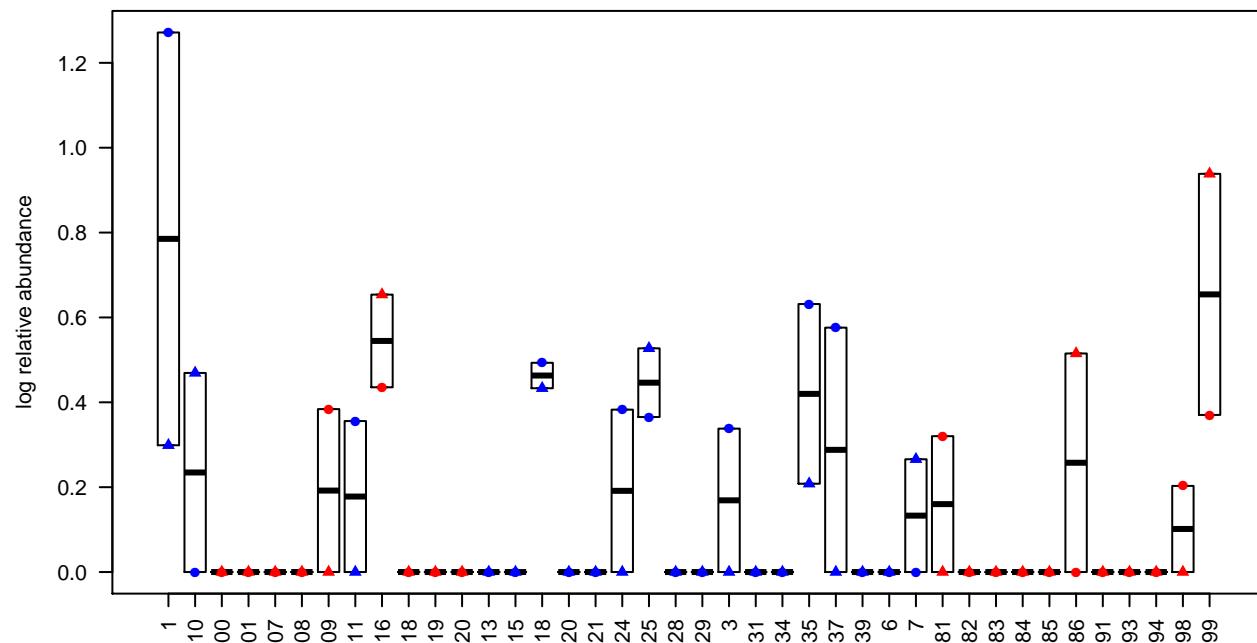
rural vs. urban time 2



time 1 vs. time 2



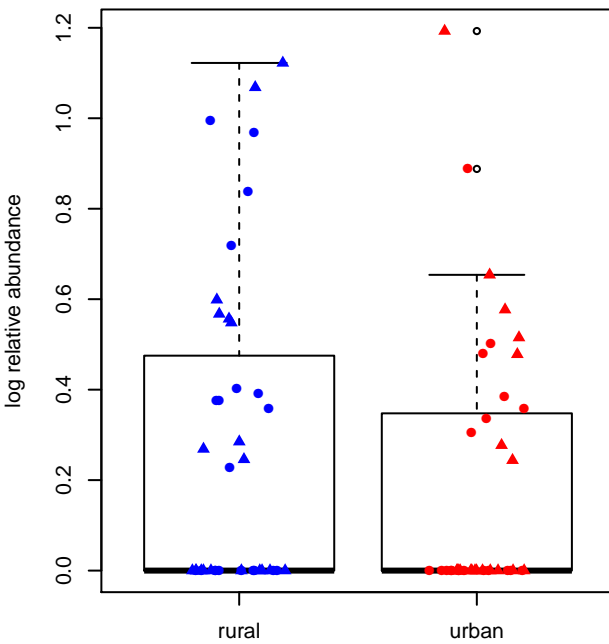
subject ID



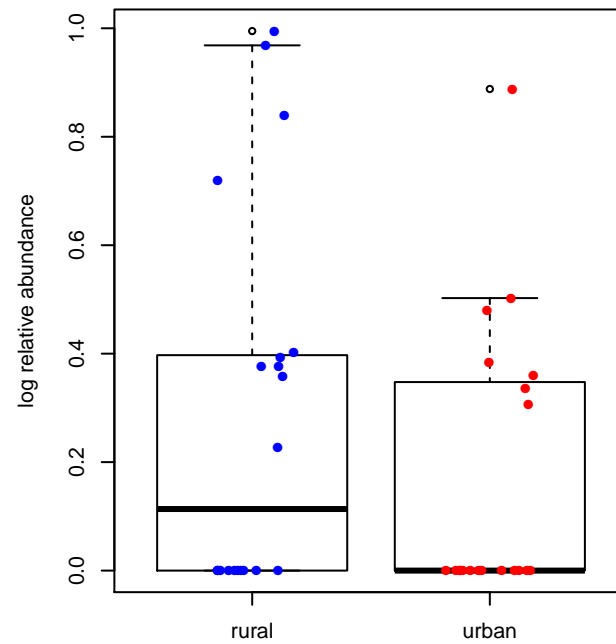


16S family: Micrococcaceae  
pAdjRuralUrban=0.508; pAdjTime=0.916; pAdjSubject=2.14e-05

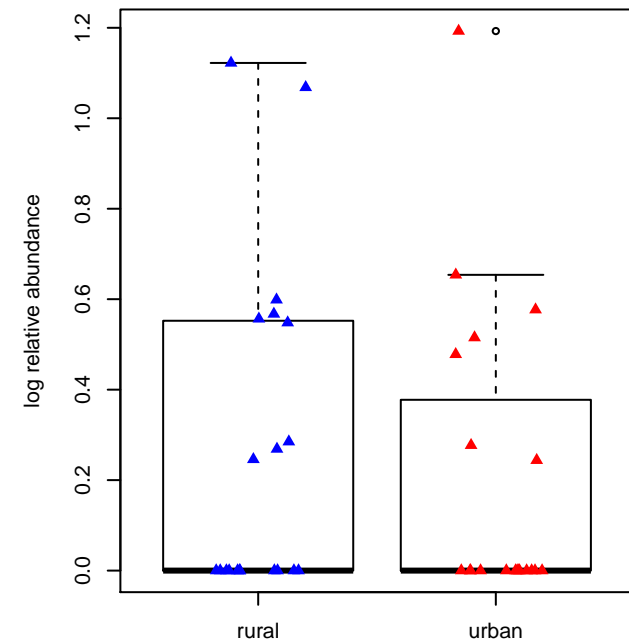
rual vs. urban both timepoints



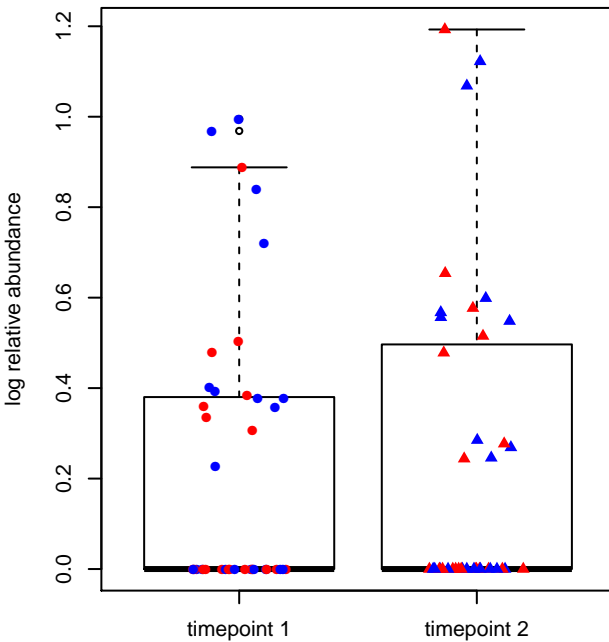
rual vs. urban time 1



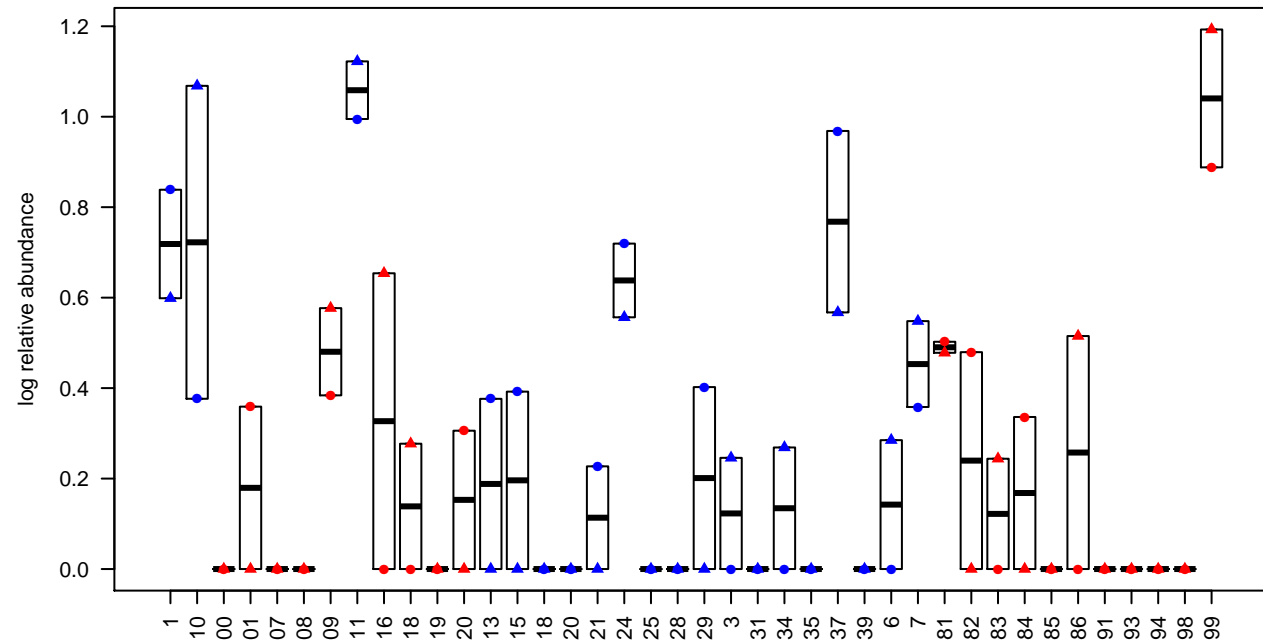
rual vs. urban time 2



time 1 vs. time 2

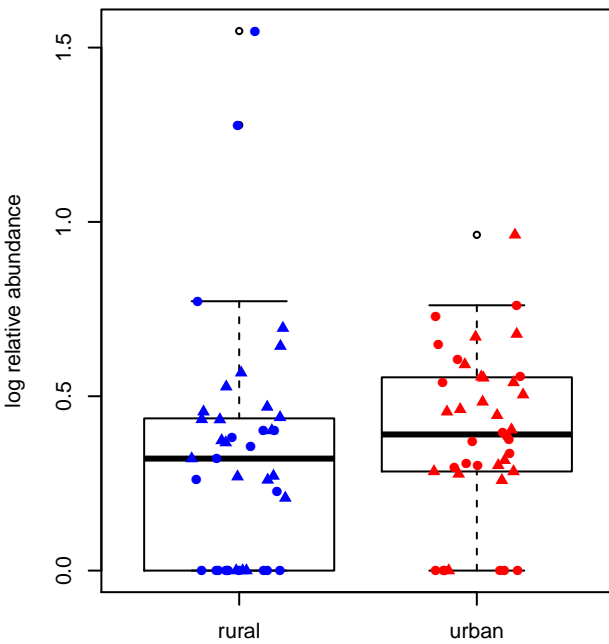


subject ID

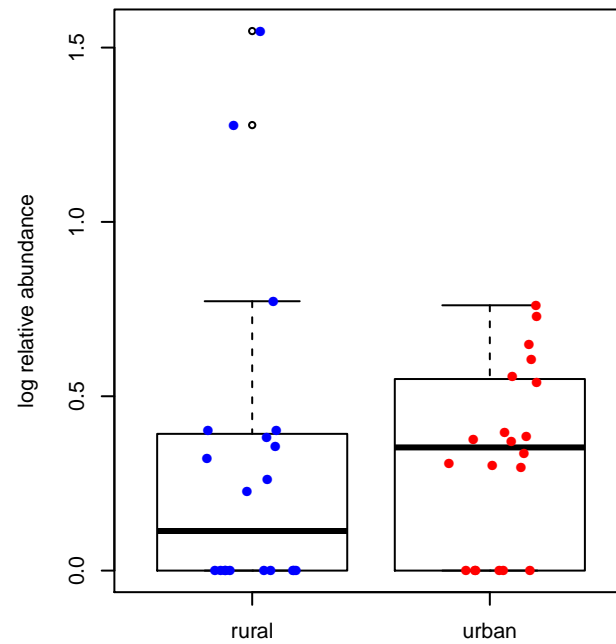


16S family: Shewanellaceae  
pAdjRuralUrban=0.508; pAdjTime=0.483; pAdjSubject=0.918

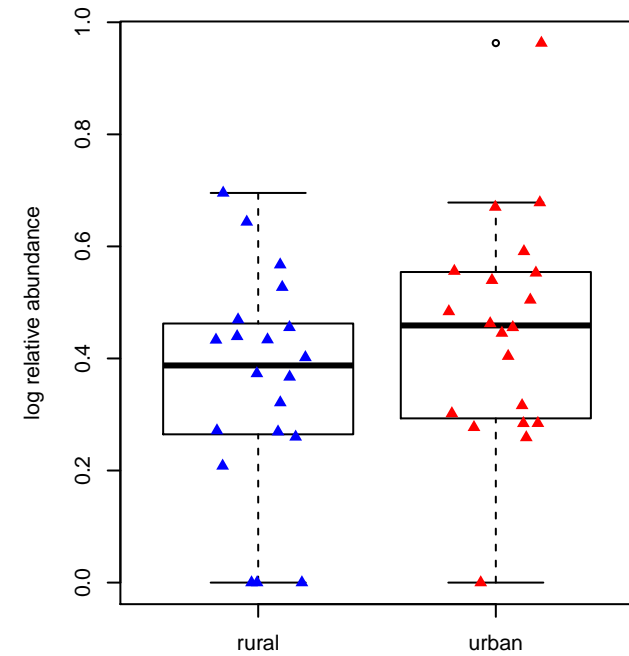
rural vs. urban both timepoints



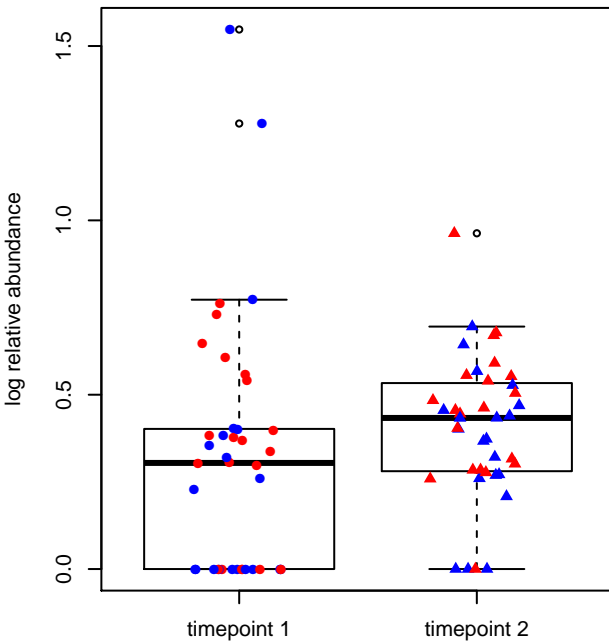
rural vs. urban time 1



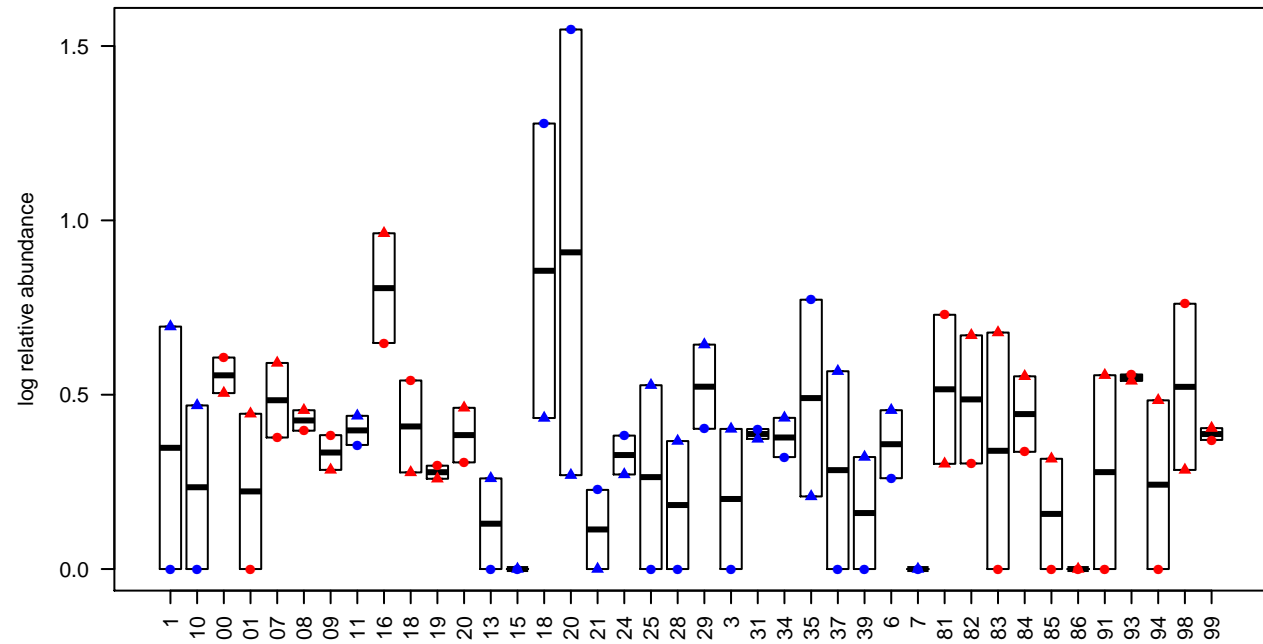
rural vs. urban time 2



time 1 vs. time 2

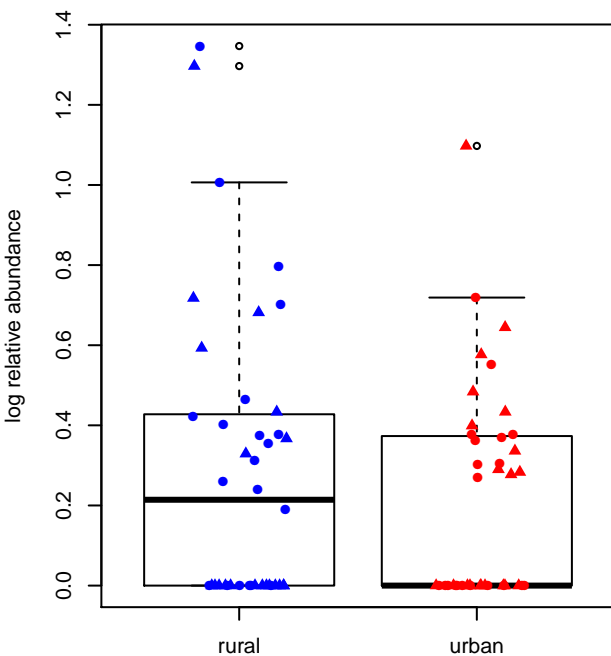


subject ID

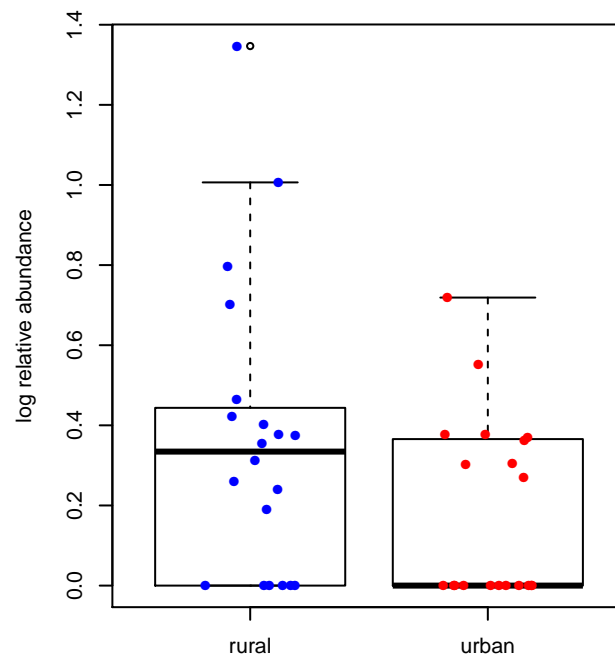


16S family: Carnobacteriaceae  
pAdjRuralUrban=0.508; pAdjTime=0.8; pAdjSubject=0.0333

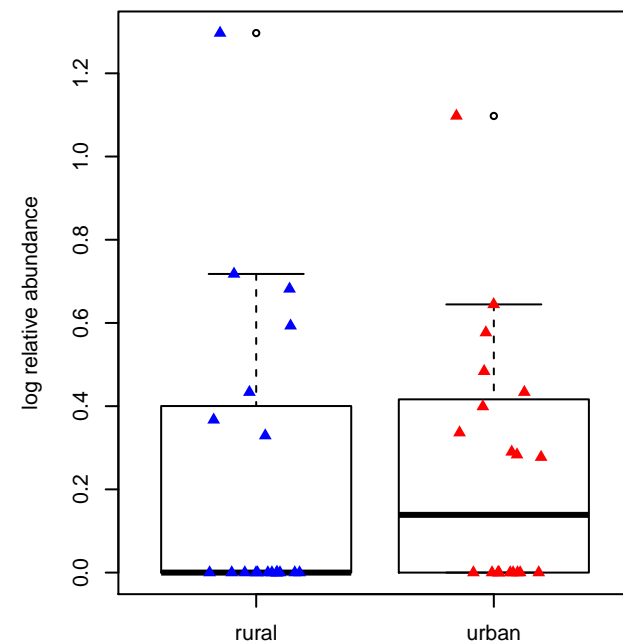
rual vs. urban both timepoints



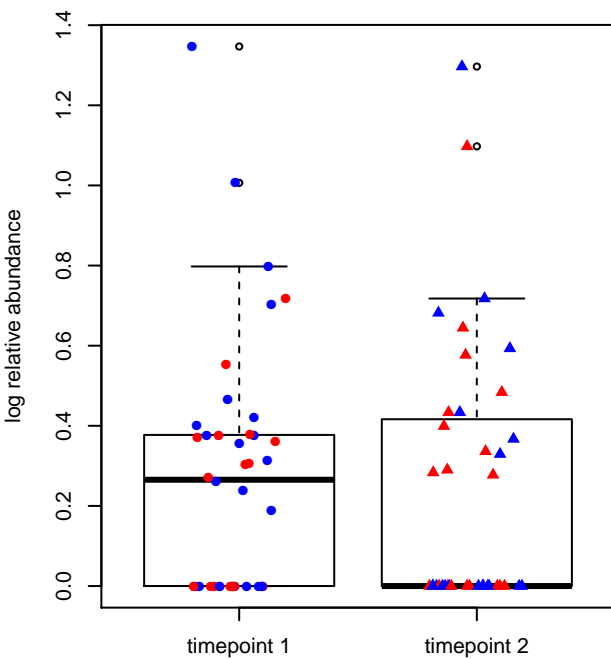
rual vs. urban time 1



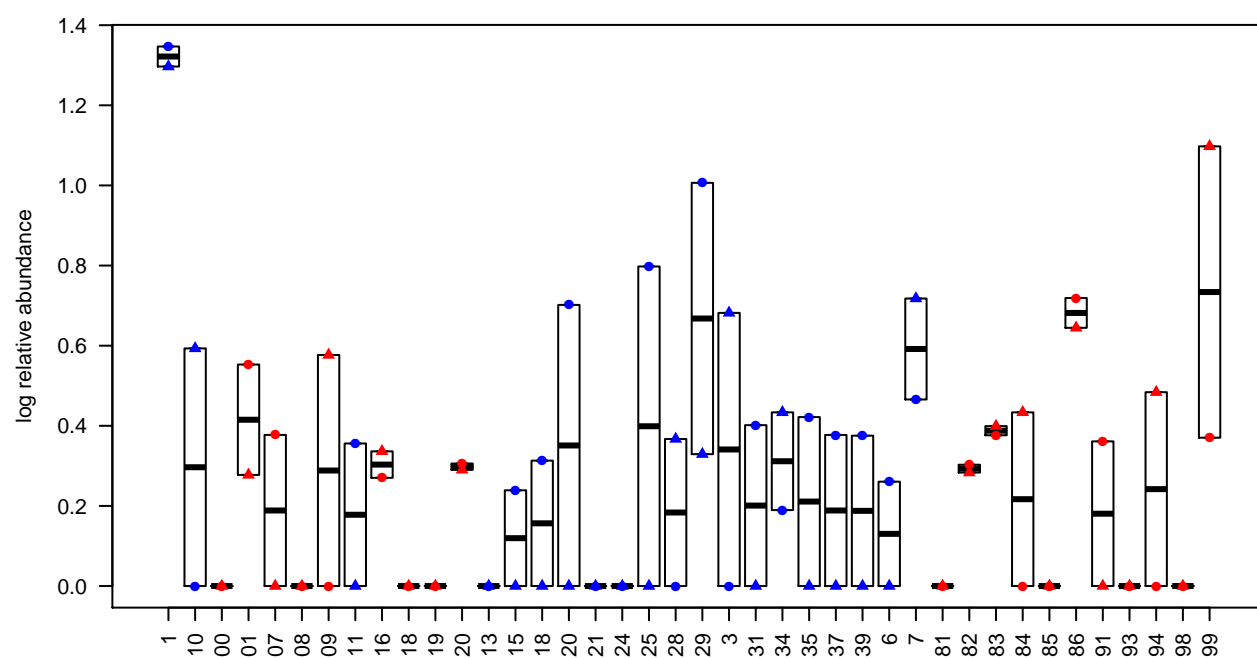
rual vs. urban time 2



time 1 vs. time 2

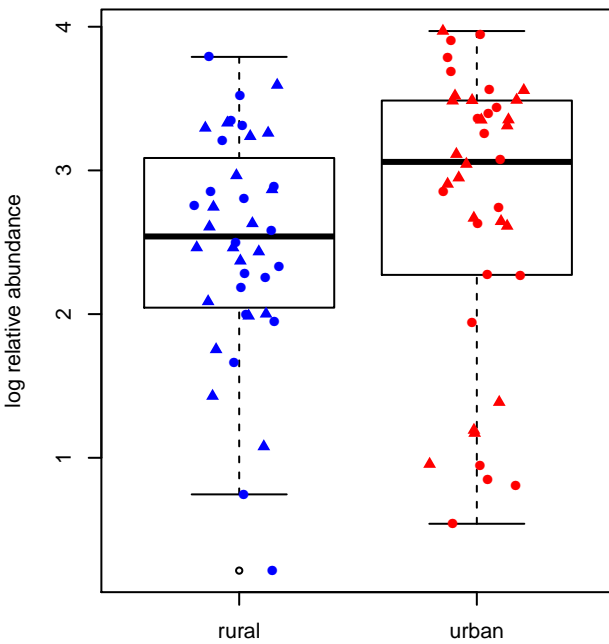


subject ID

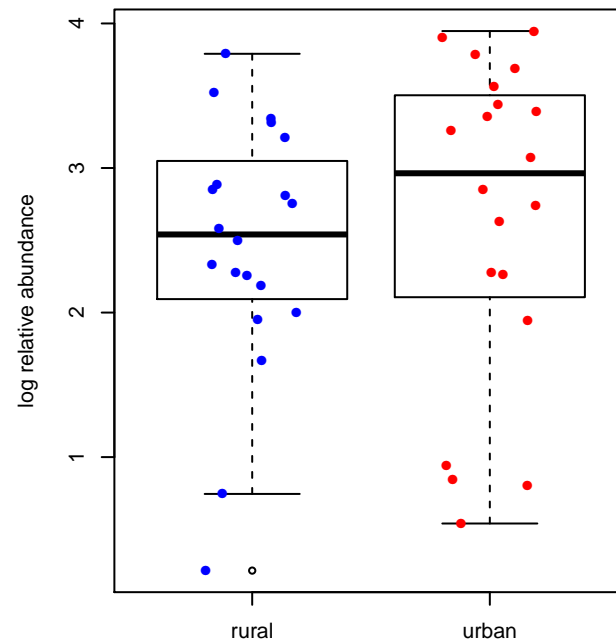


16S family: Sutterellaceae  
pAdjRuralUrban=0.561; pAdjTime=0.361; pAdjSubject=2.44e-13

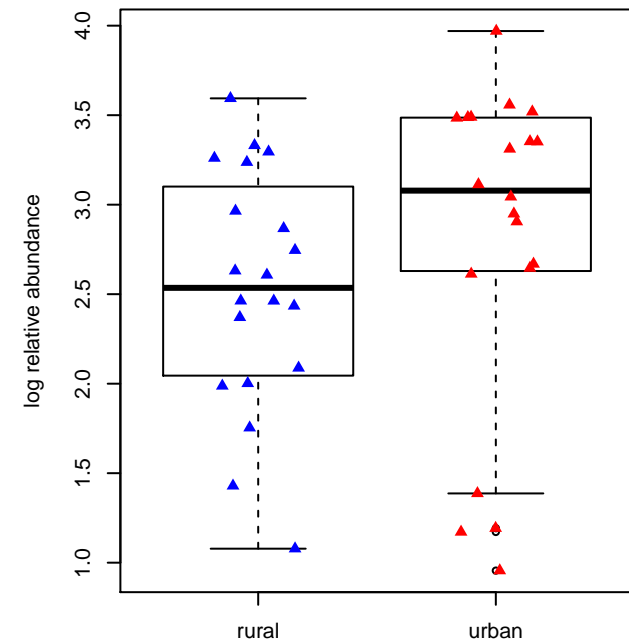
rual vs. urban both timepoints



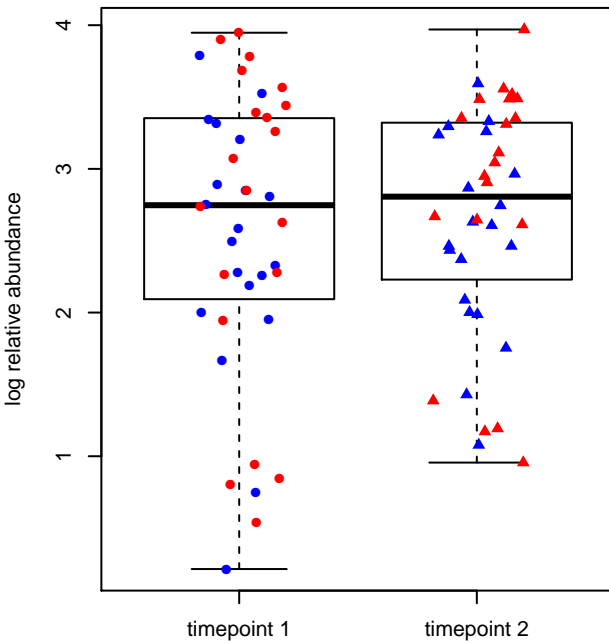
rual vs. urban time 1



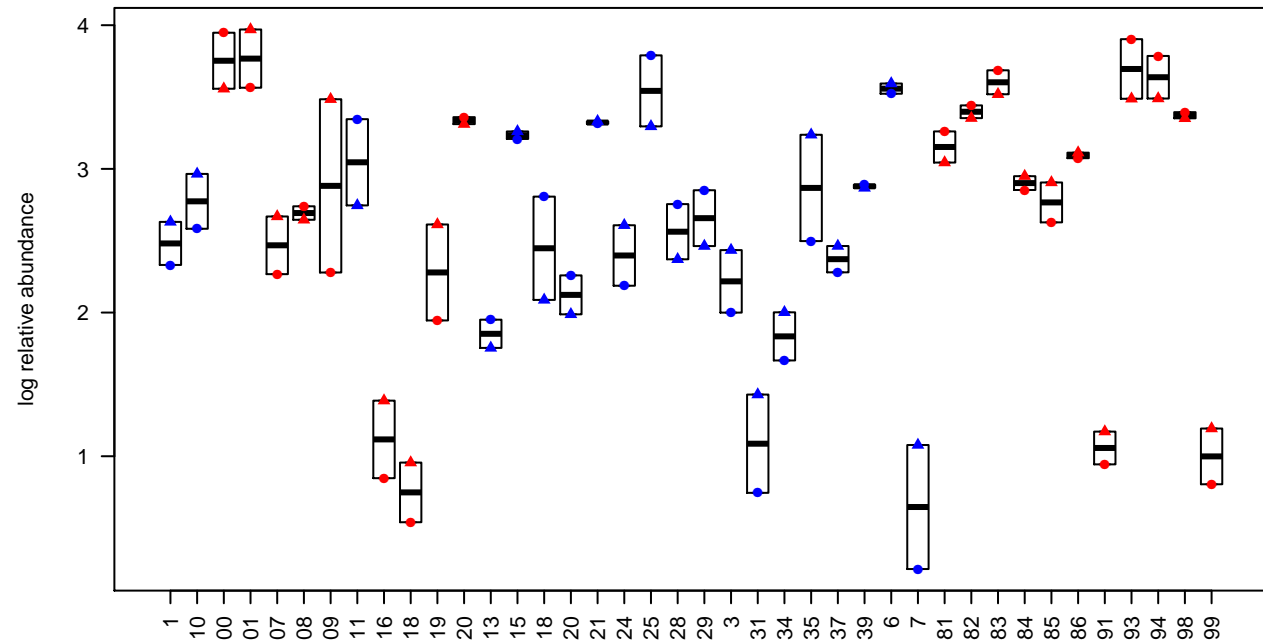
rual vs. urban time 2



time 1 vs. time 2

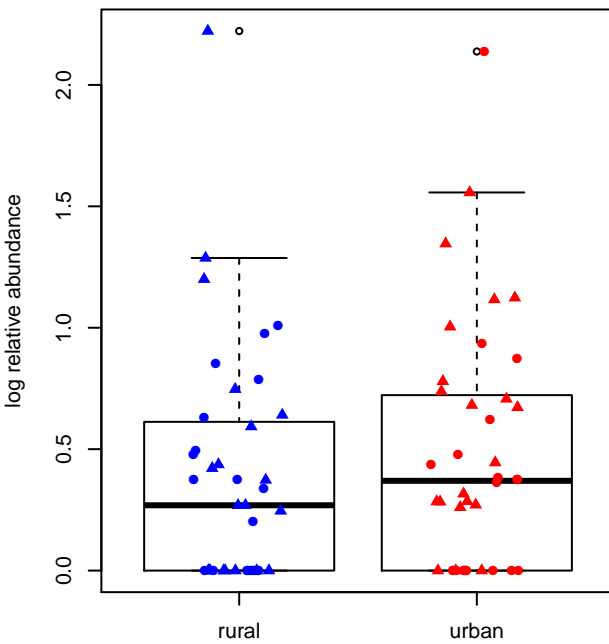


subject ID

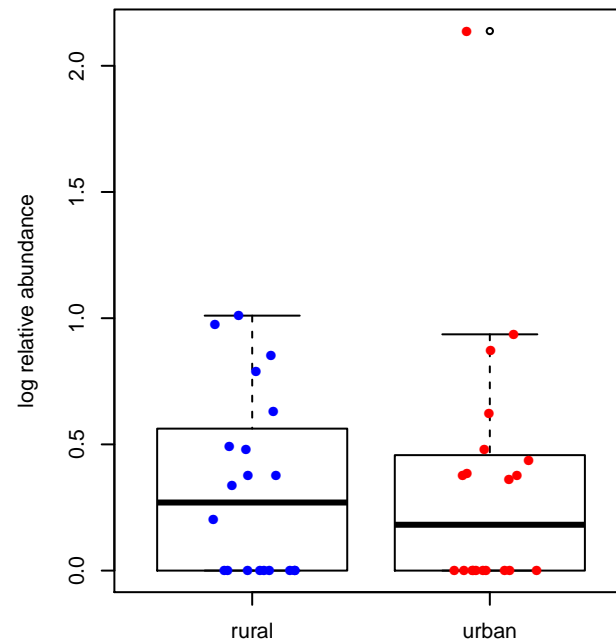


16S family: Chloroplast  
 $p_{\text{AdjRuralUrban}}=0.576$ ;  $p_{\text{AdjTime}}=0.313$ ;  $p_{\text{AdjSubject}}=0.285$

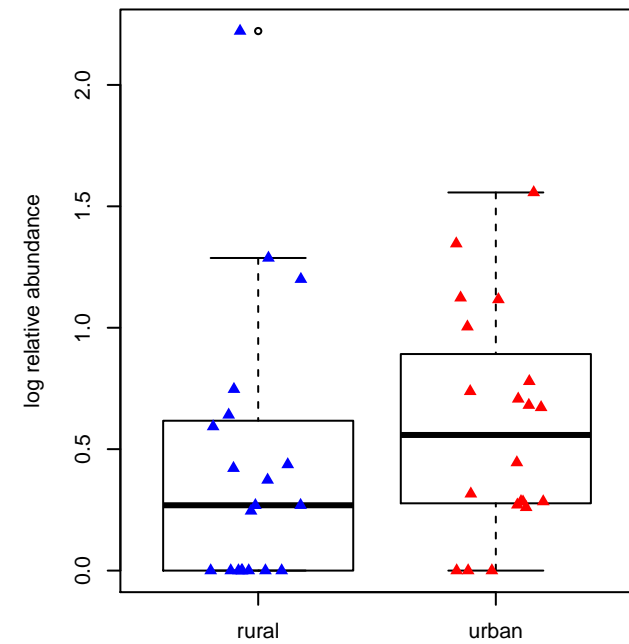
rual vs. urban both timepoints



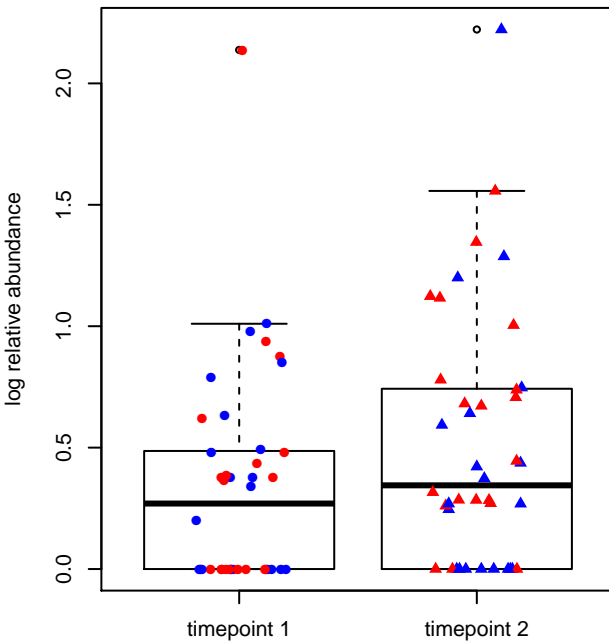
rual vs. urban time 1



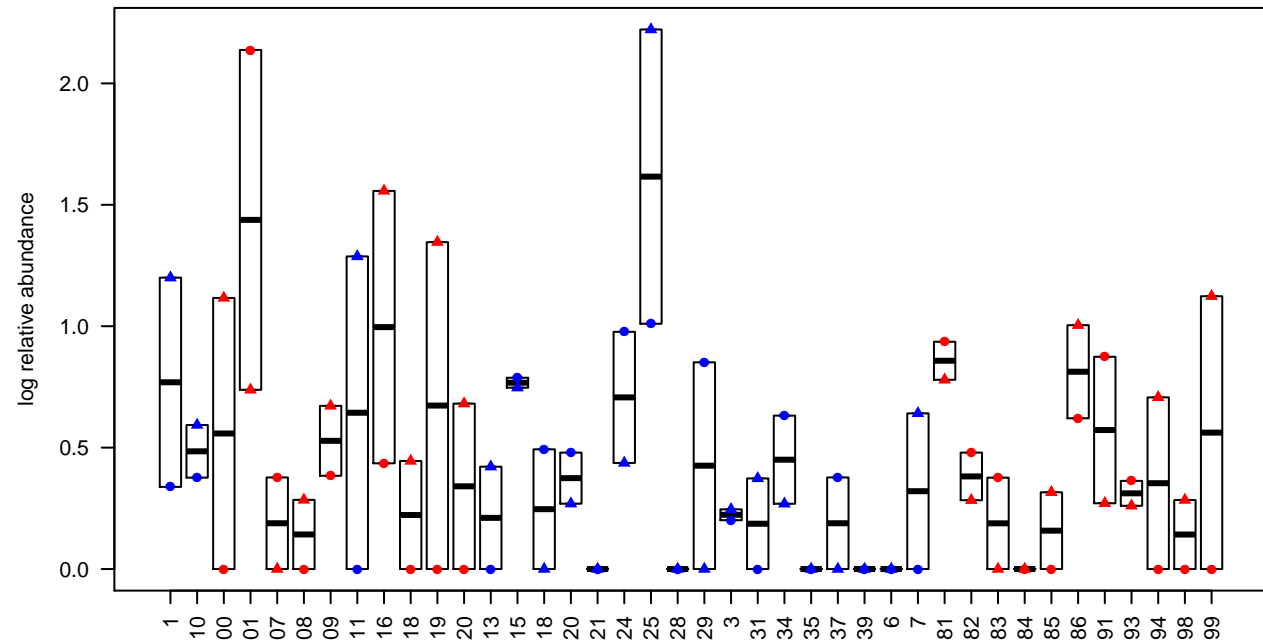
rual vs. urban time 2



time 1 vs. time 2

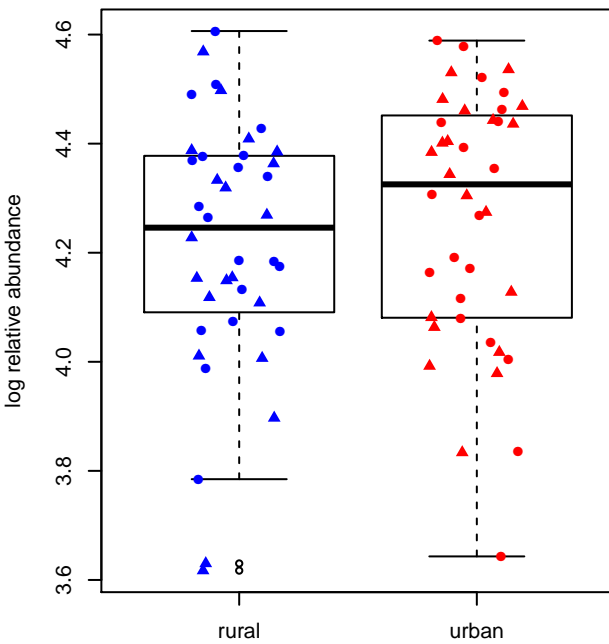


subject ID

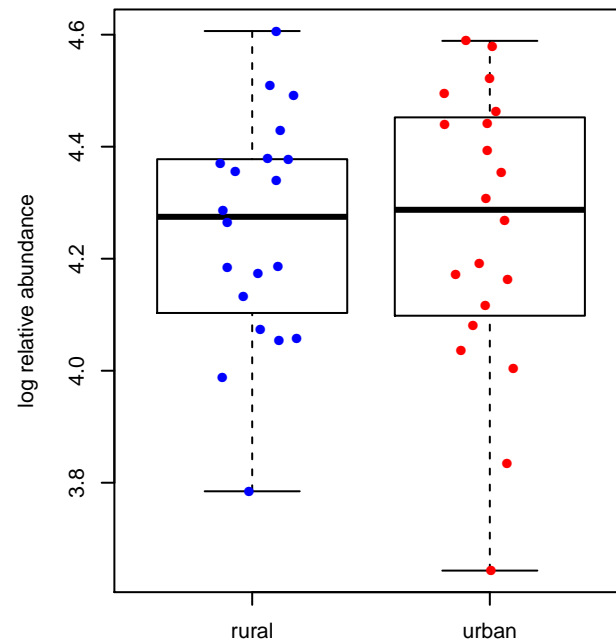


16S family: Lachnospiraceae  
pAdjRuralUrban=0.576; pAdjTime=0.8; pAdjSubject=0.001

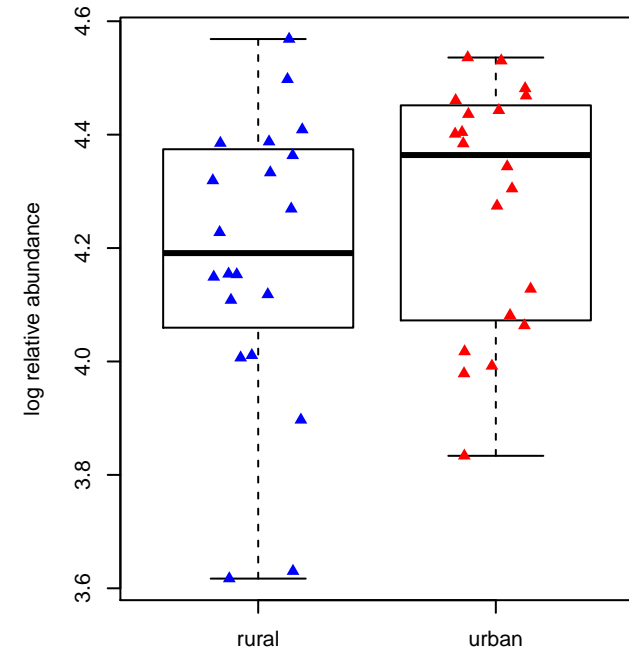
rual vs. urban both timepoints



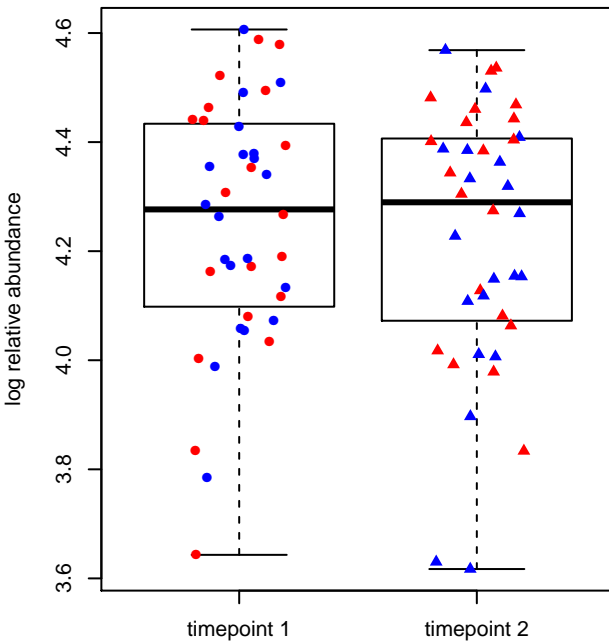
rual vs. urban time 1



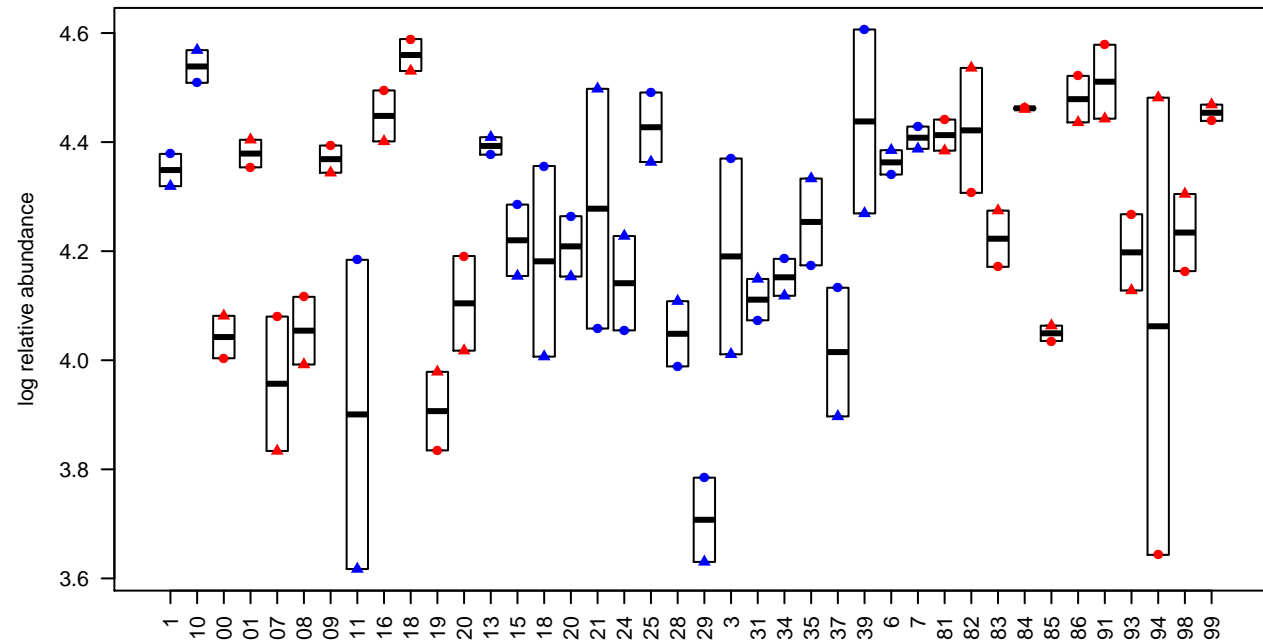
rual vs. urban time 2



time 1 vs. time 2

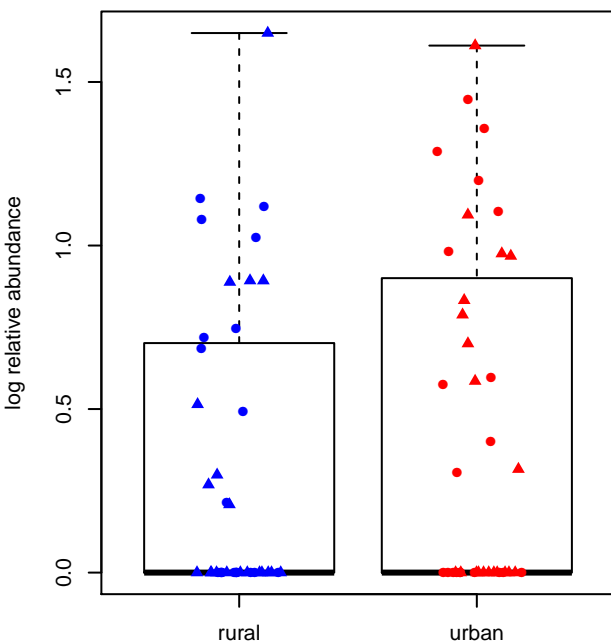


subject ID

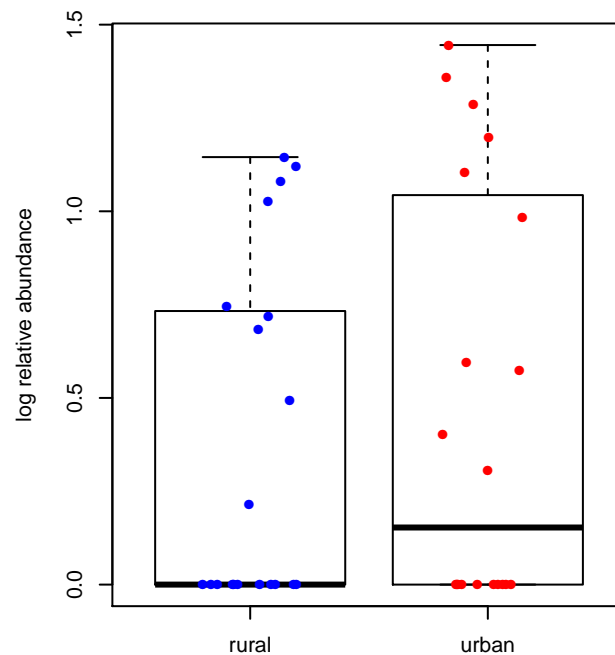


16S family: Synergistaceae  
pAdjRuralUrban=0.576; pAdjTime=0.766; pAdjSubject=0.00433

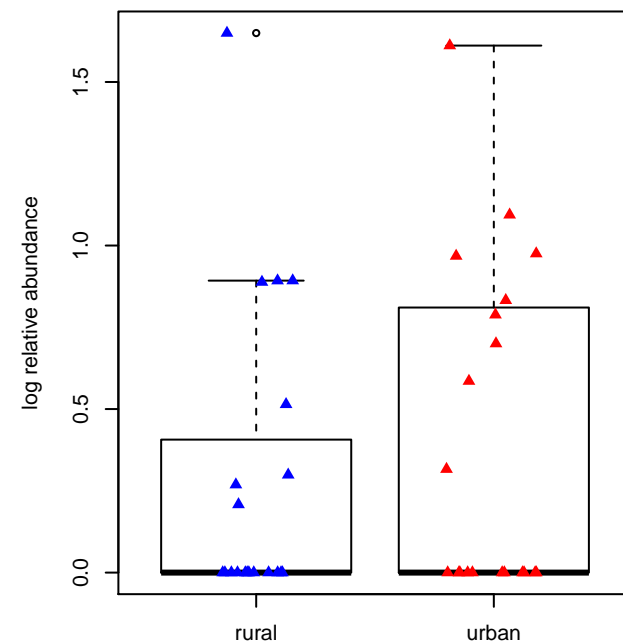
rural vs. urban both timepoints



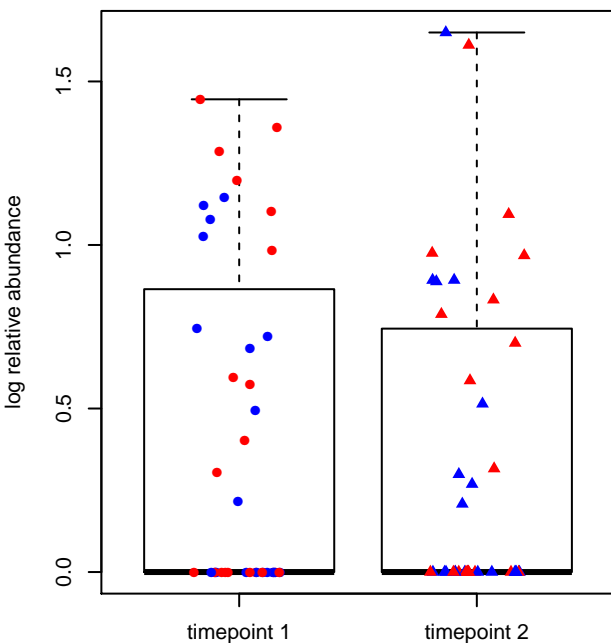
rural vs. urban time 1



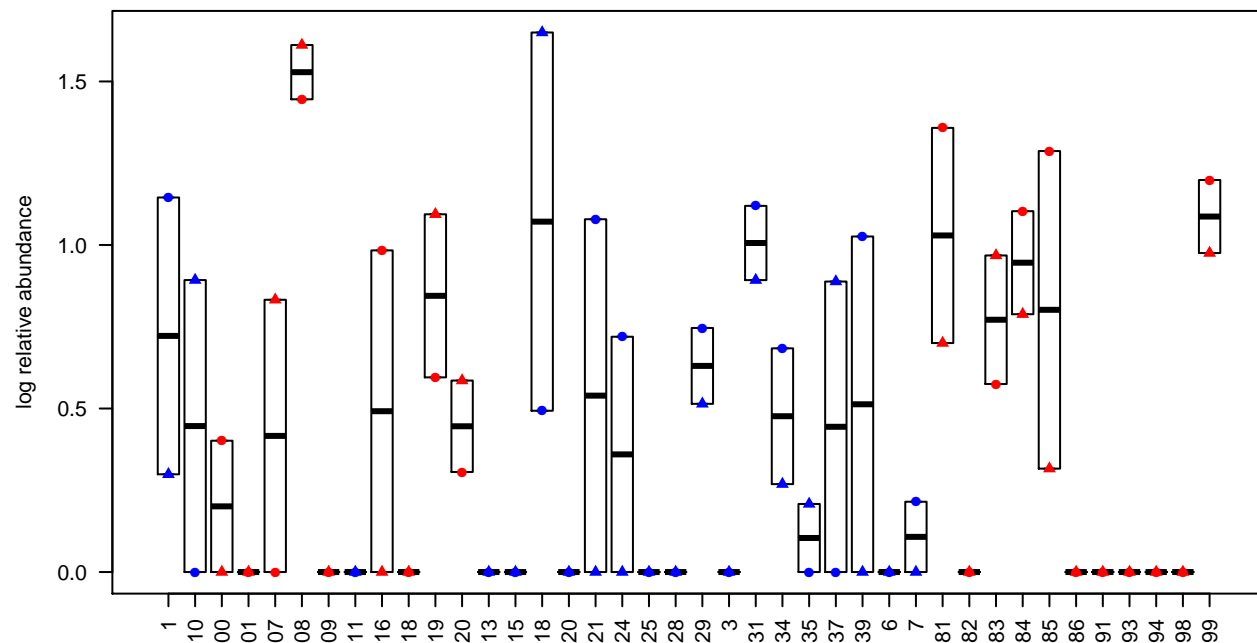
rural vs. urban time 2



time 1 vs. time 2

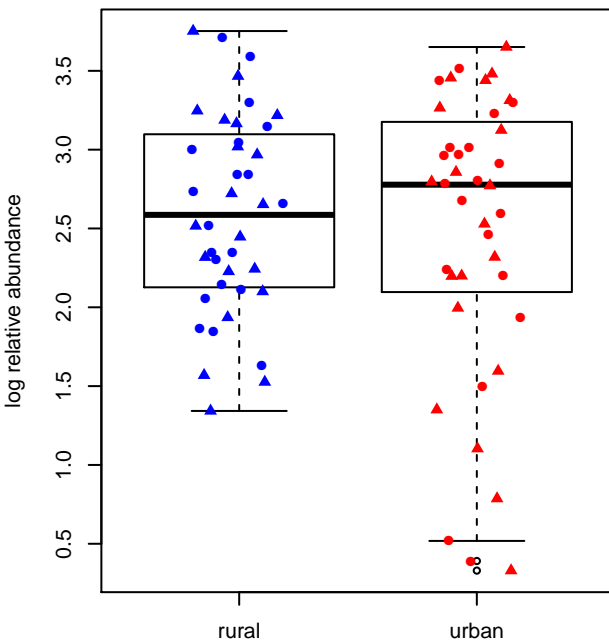


subject ID

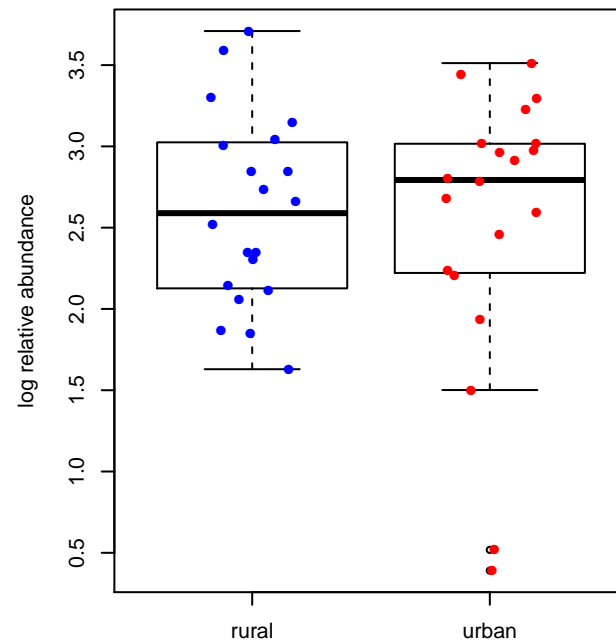


16S family: Rikenellaceae  
pAdjRuralUrban=0.765; pAdjTime=0.827; pAdjSubject=1.07e-05

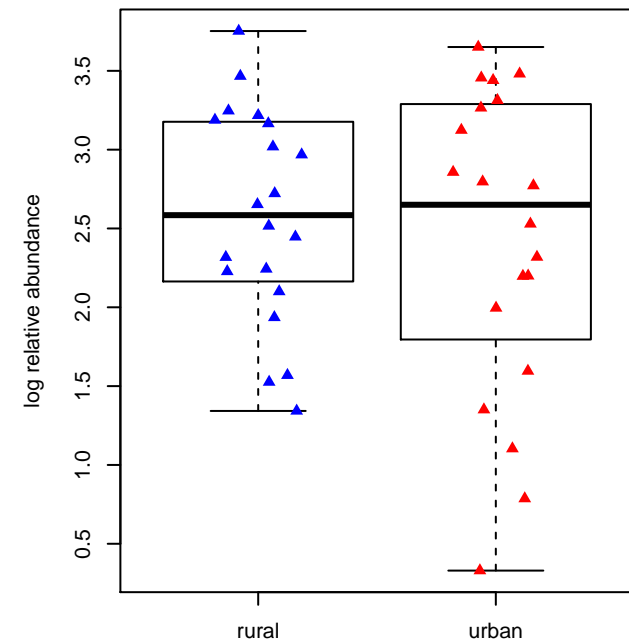
rual vs. urban both timepoints



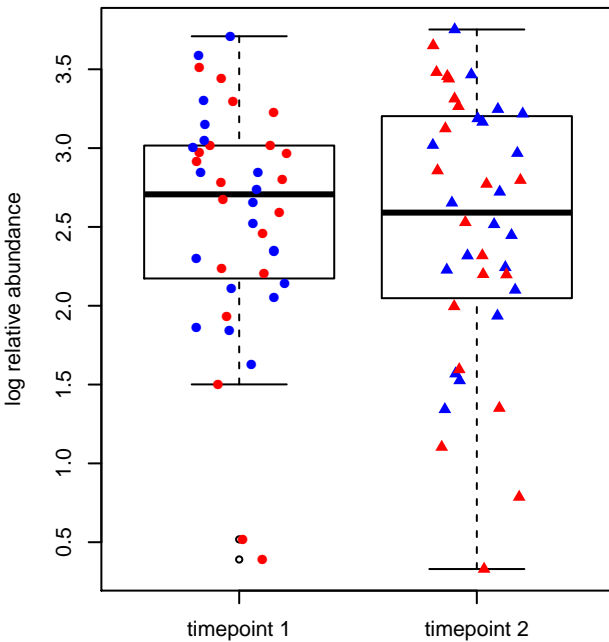
rual vs. urban time 1



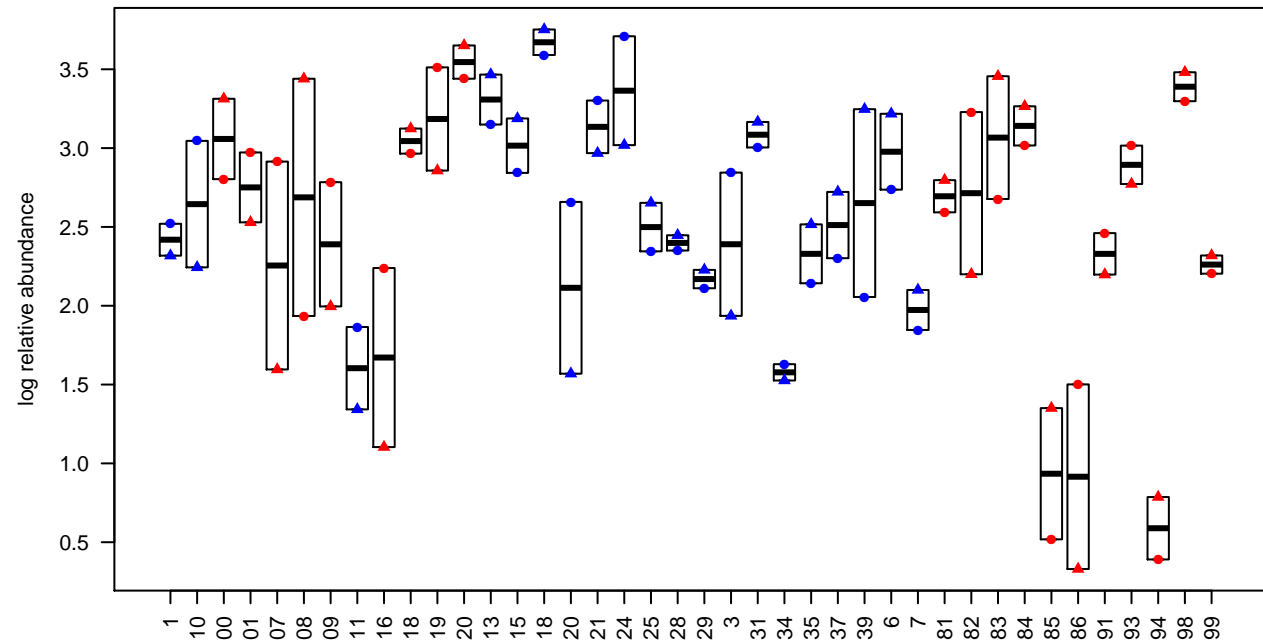
rual vs. urban time 2



time 1 vs. time 2



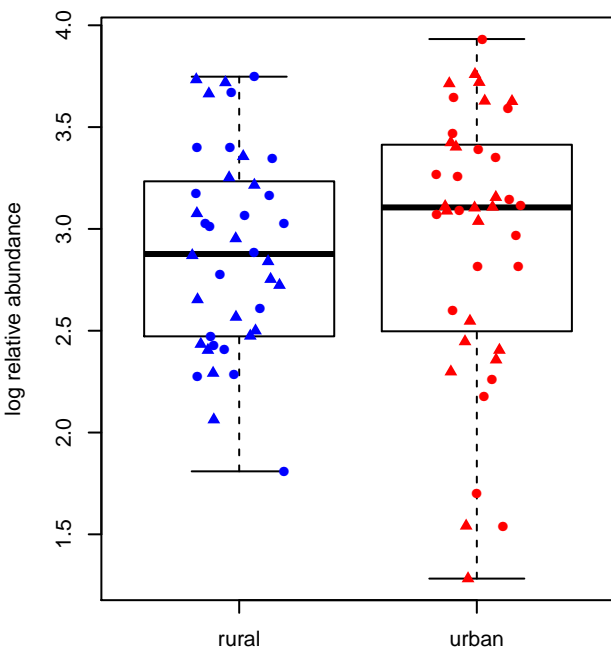
subject ID



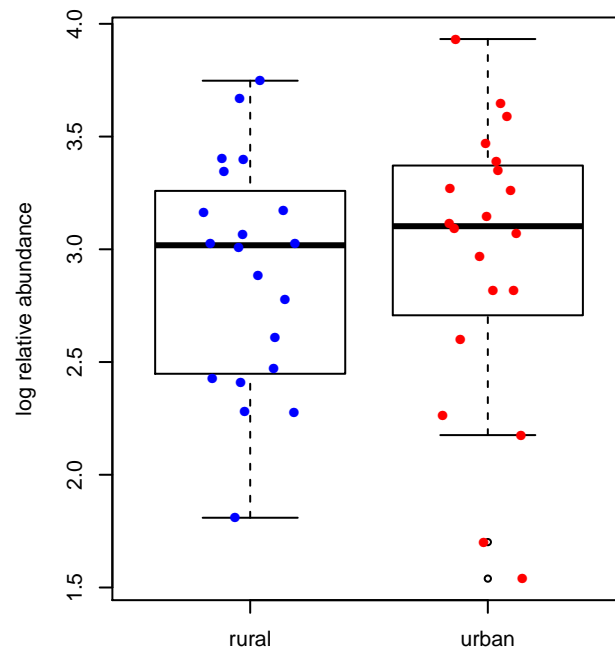


16S family: Porphyromonadaceae  
pAdjRuralUrban=0.774; pAdjTime=0.916; pAdjSubject=5.1e-05

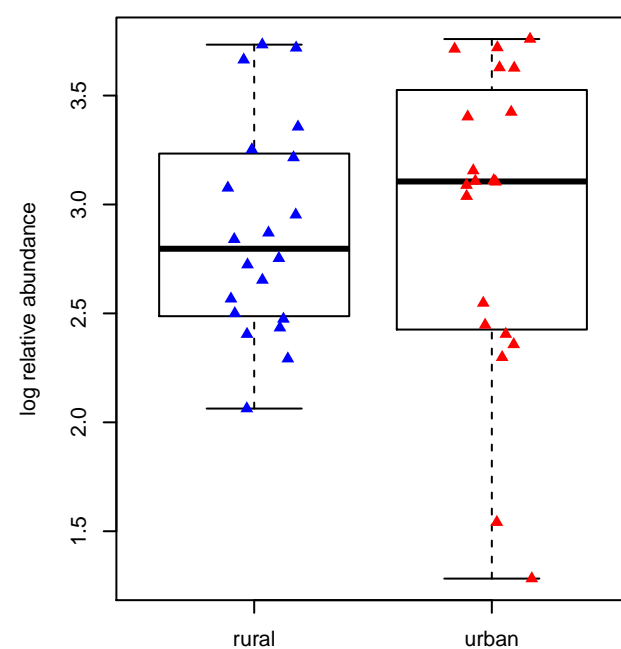
rual vs. urban both timepoints



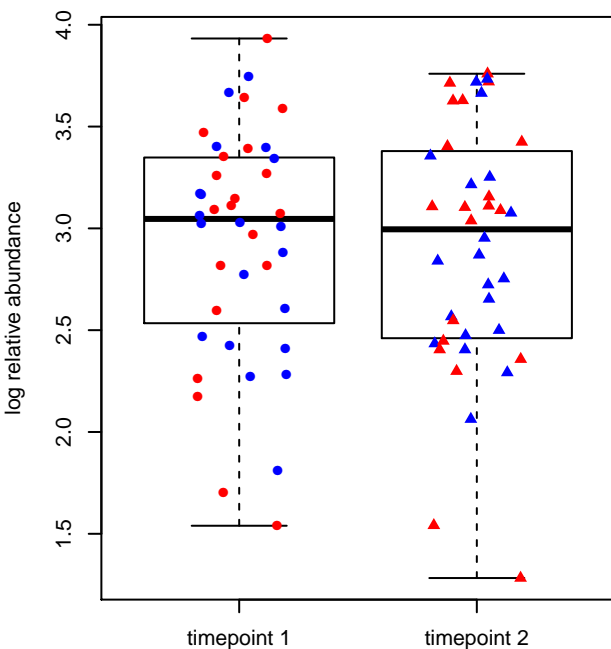
rual vs. urban time 1



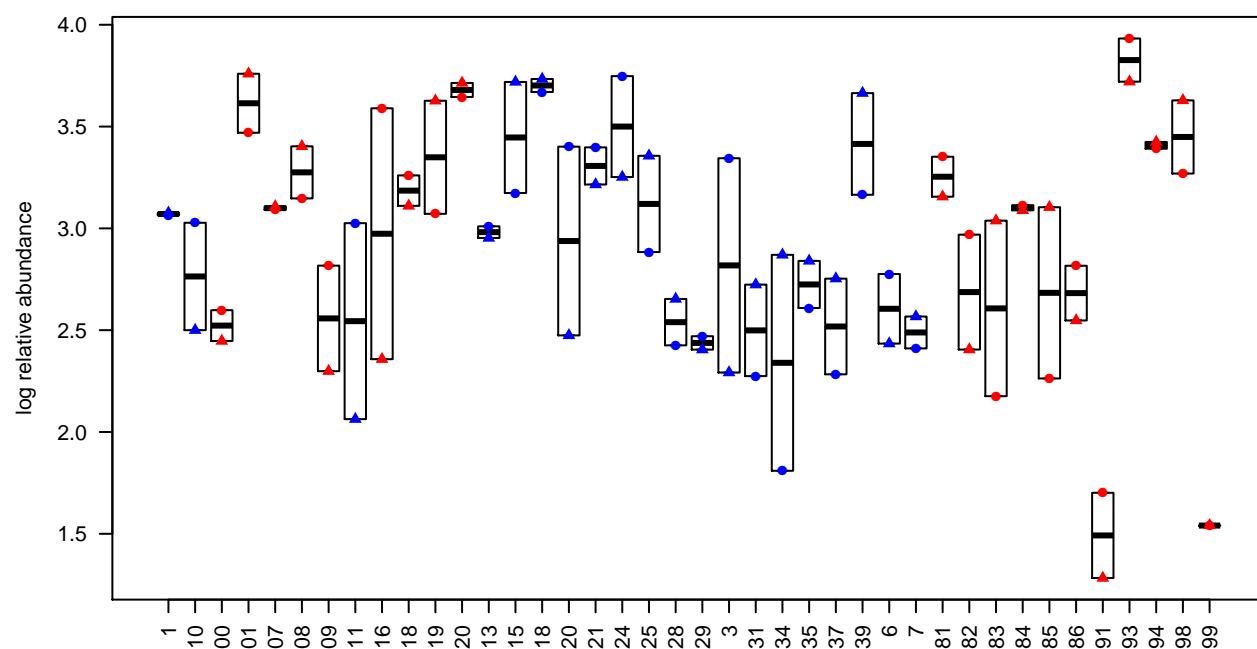
rual vs. urban time 2



time 1 vs. time 2

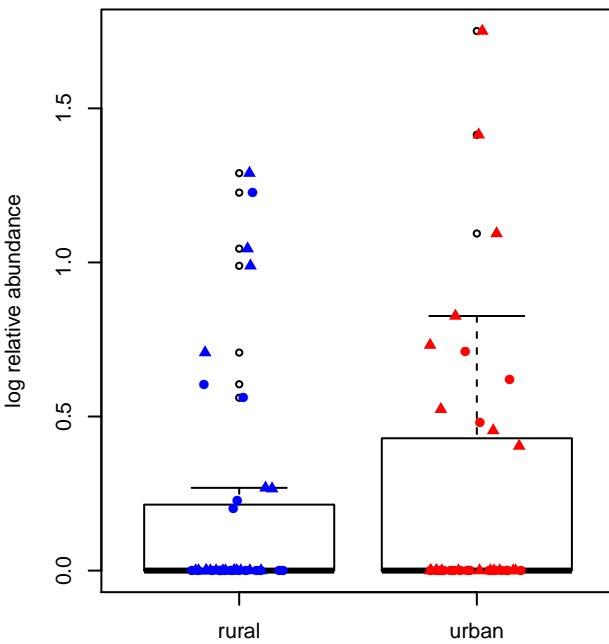


subject ID

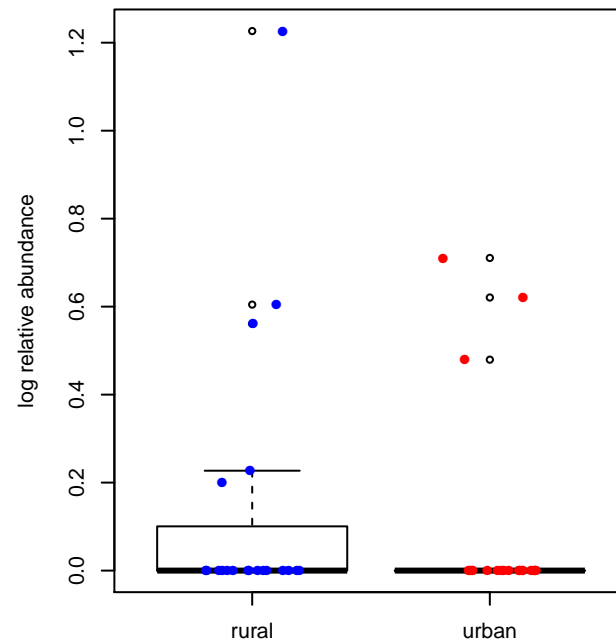


16S family: Flavobacteriaceae  
pAdjRuralUrban=0.774; pAdjTime=0.245; pAdjSubject=1

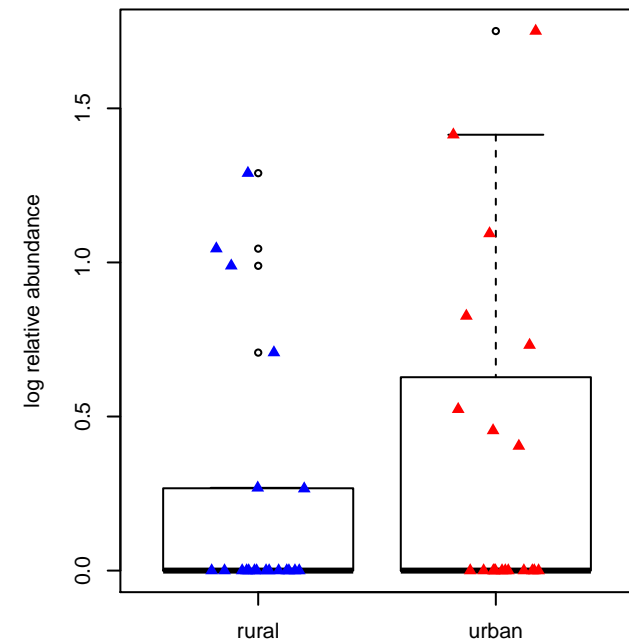
rural vs. urban both timepoints



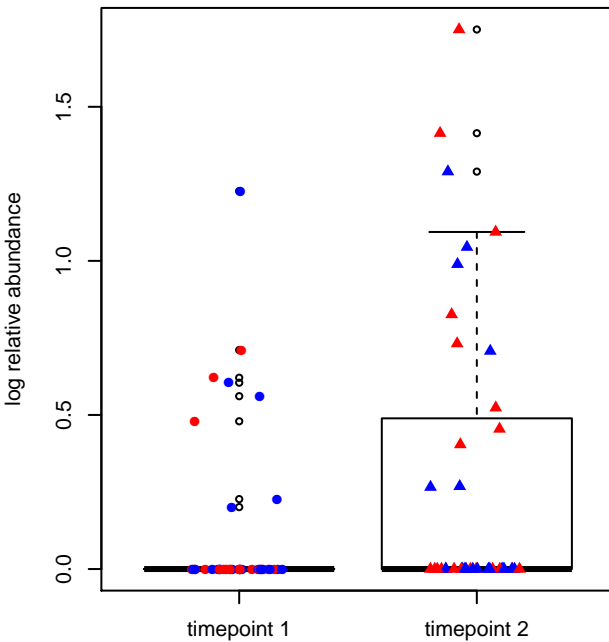
rural vs. urban time 1



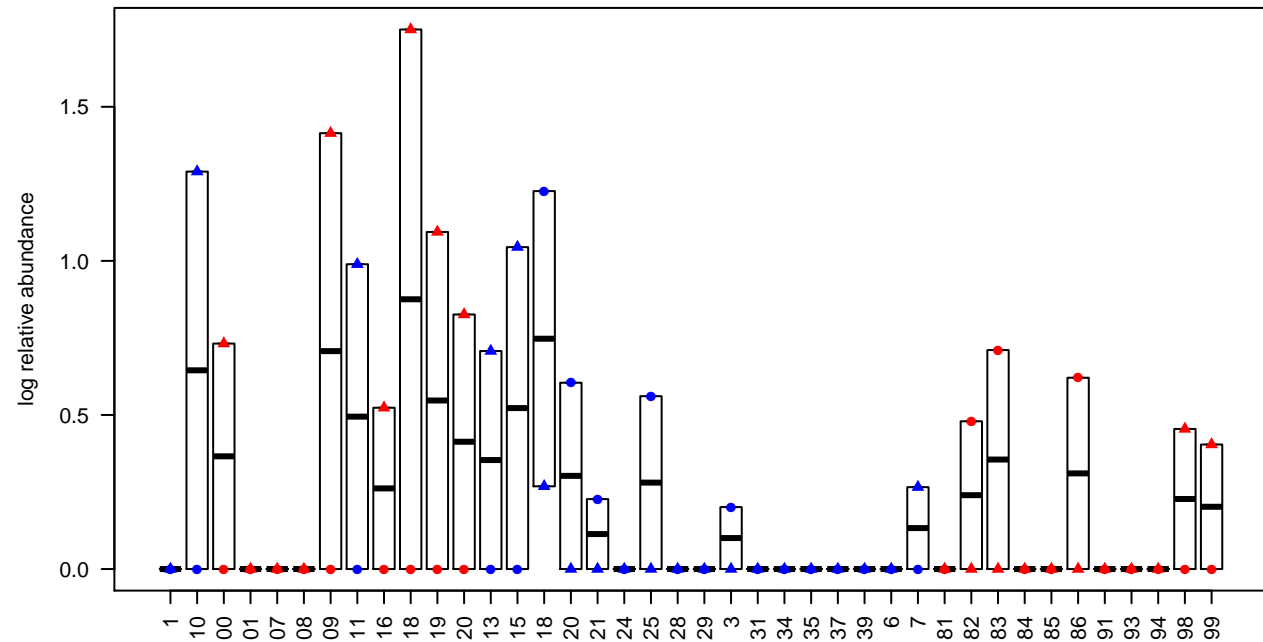
rural vs. urban time 2



time 1 vs. time 2

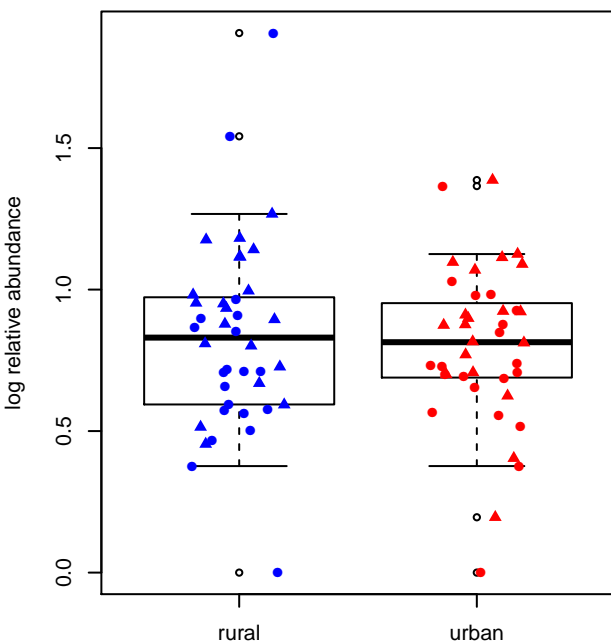


subject ID

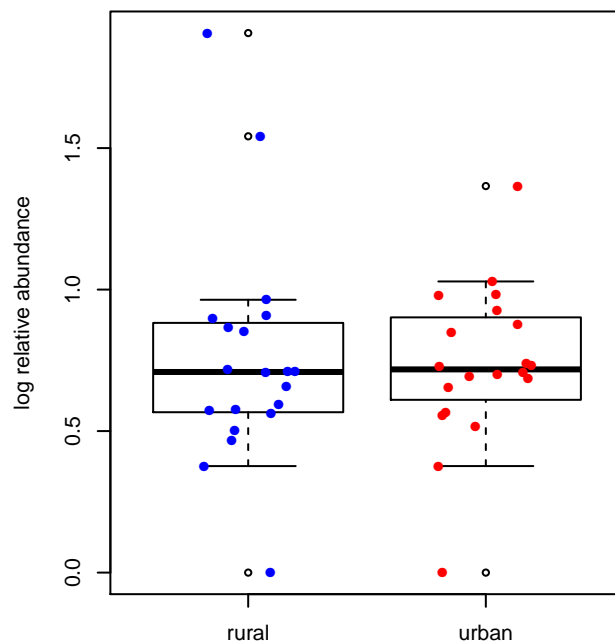


16S family: Halomonadaceae  
pAdjRuralUrban=0.774; pAdjTime=0.174; pAdjSubject=0.12

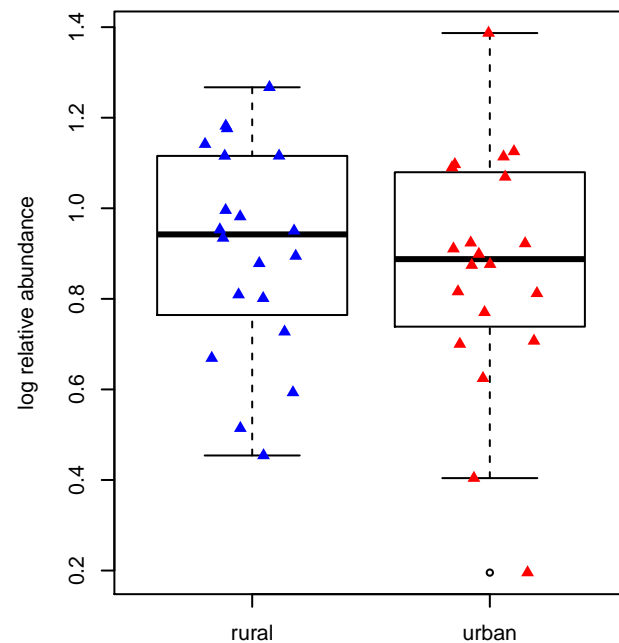
rual vs. urban both timepoints



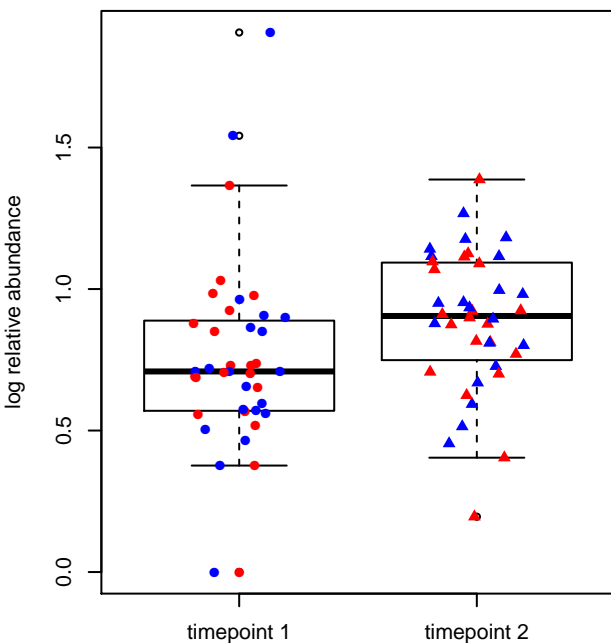
rual vs. urban time 1



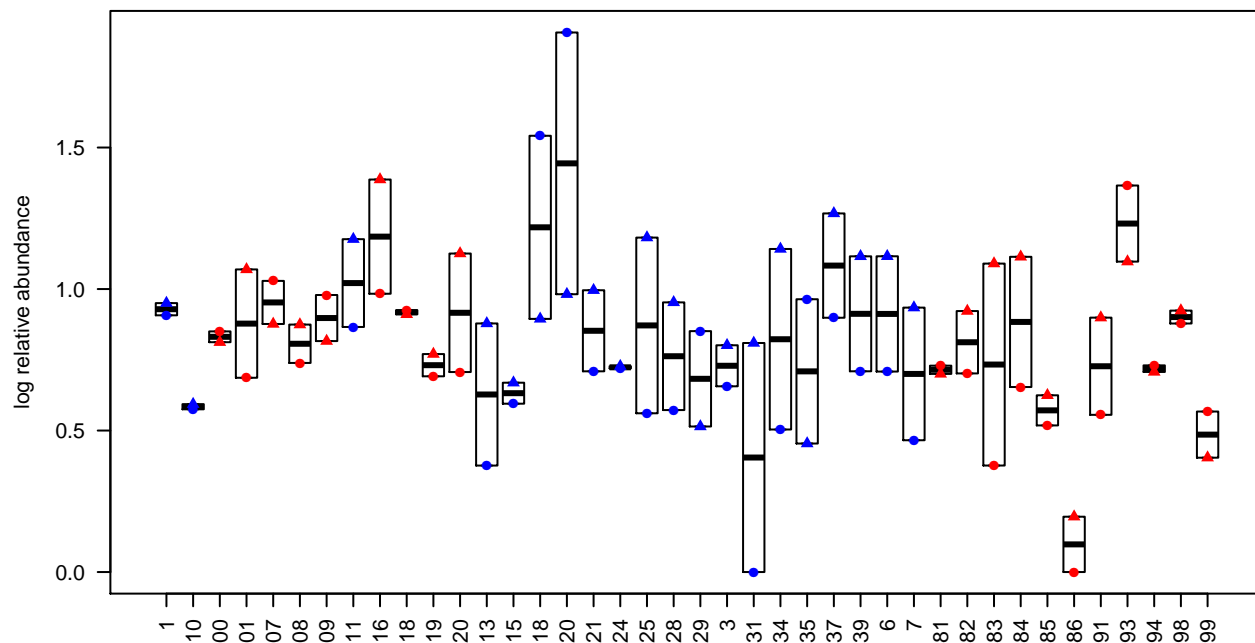
rual vs. urban time 2



time 1 vs. time 2

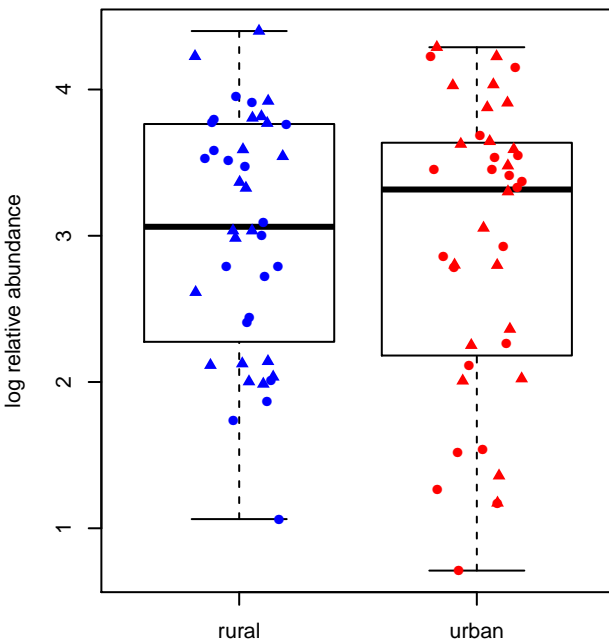


subject ID

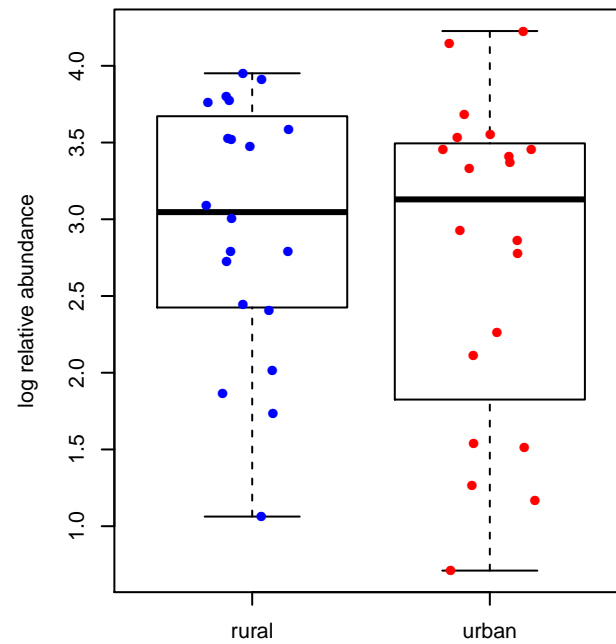


16S family: Veillonellaceae  
pAdjRuralUrban=0.774; pAdjTime=0.352; pAdjSubject=0.000505

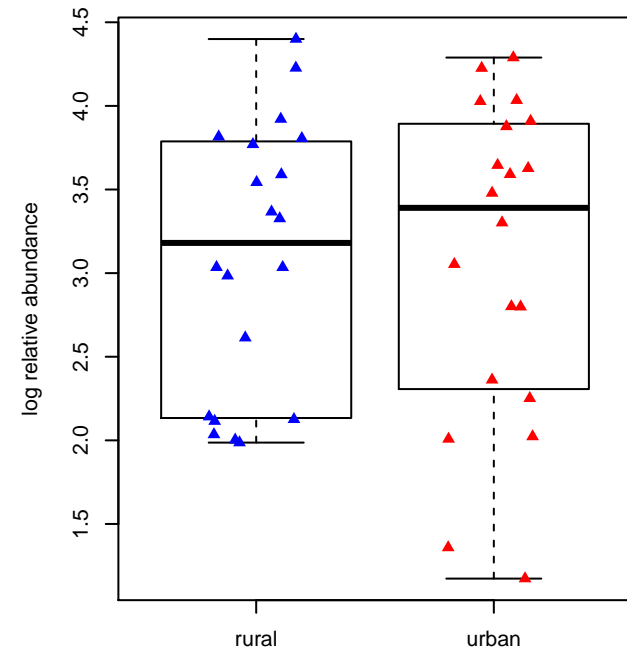
rual vs. urban both timepoints



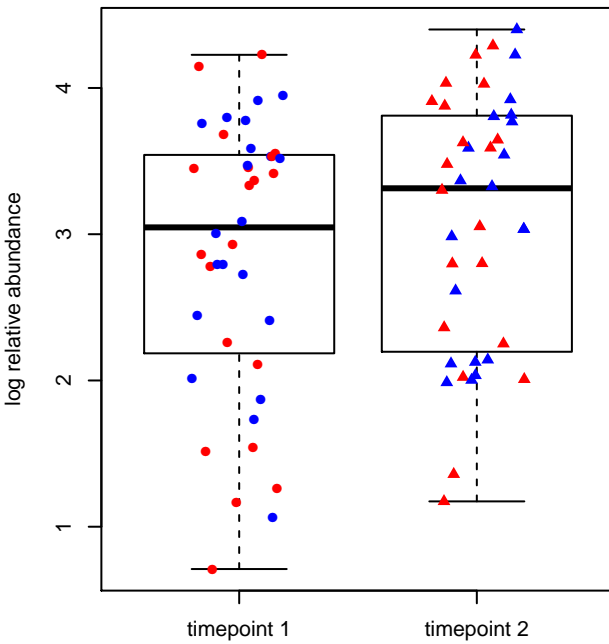
rual vs. urban time 1



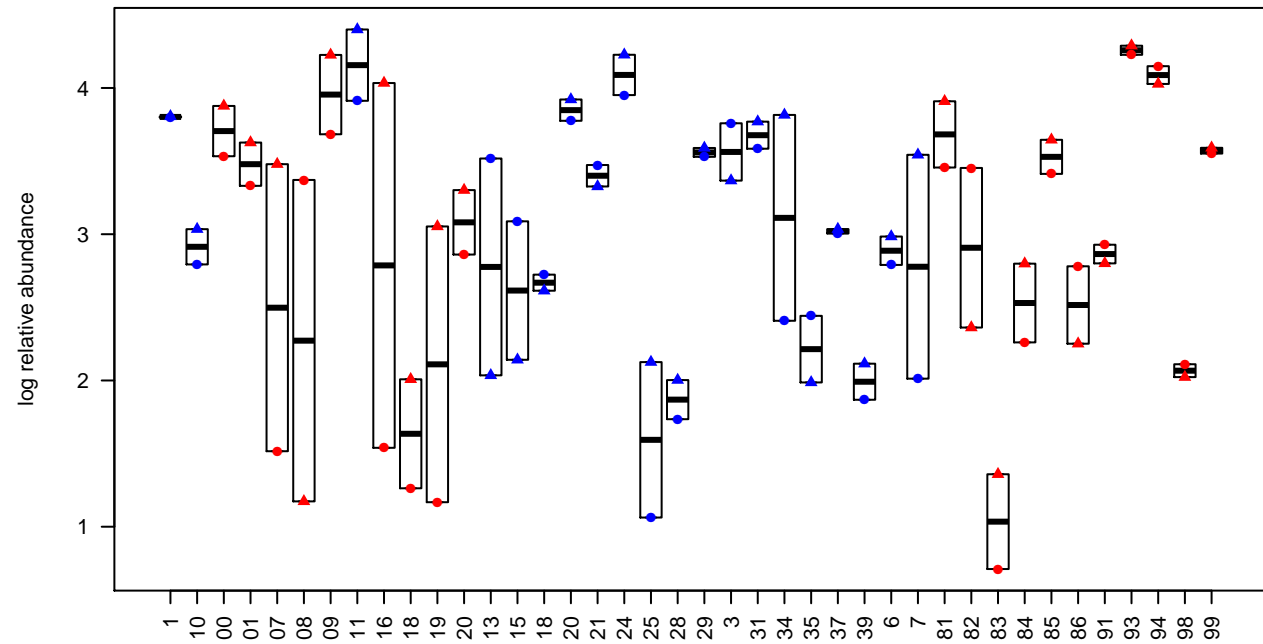
rual vs. urban time 2



time 1 vs. time 2

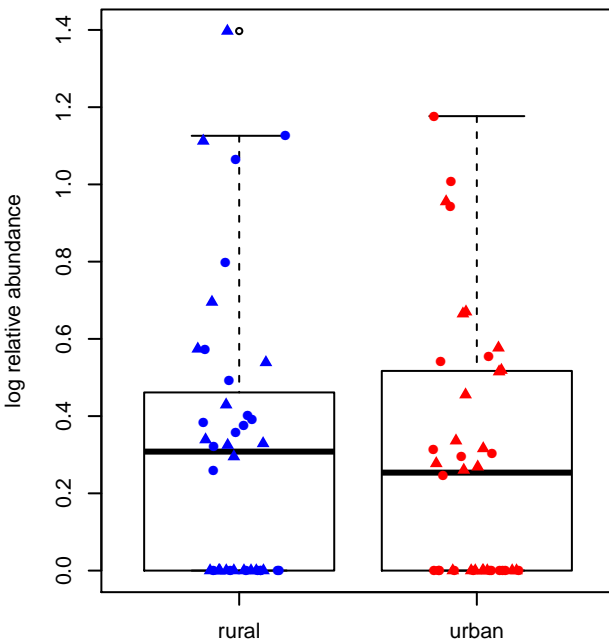


subject ID

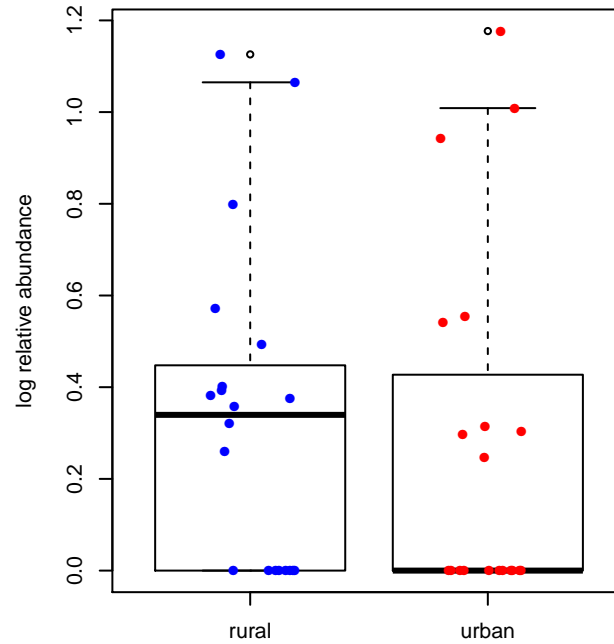


16S family: Clostridiales\_Incertae.Sedis.XI  
pAdjRuralUrban=0.774; pAdjTime=0.979; pAdjSubject=0.627

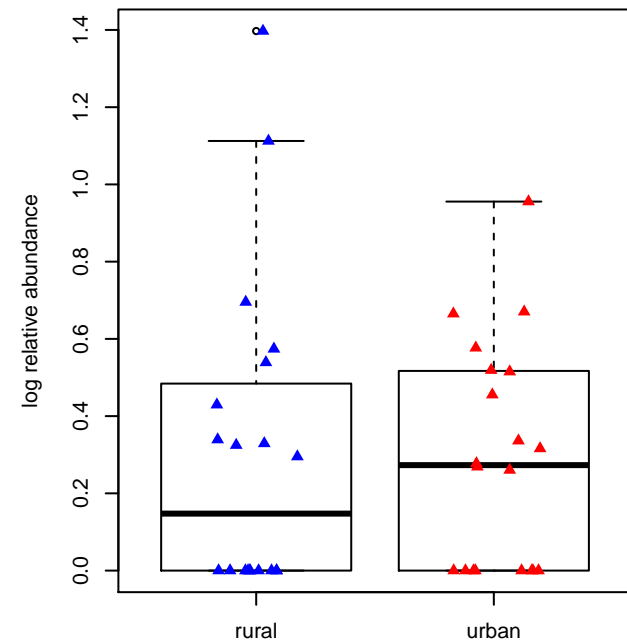
rual vs. urban both timepoints



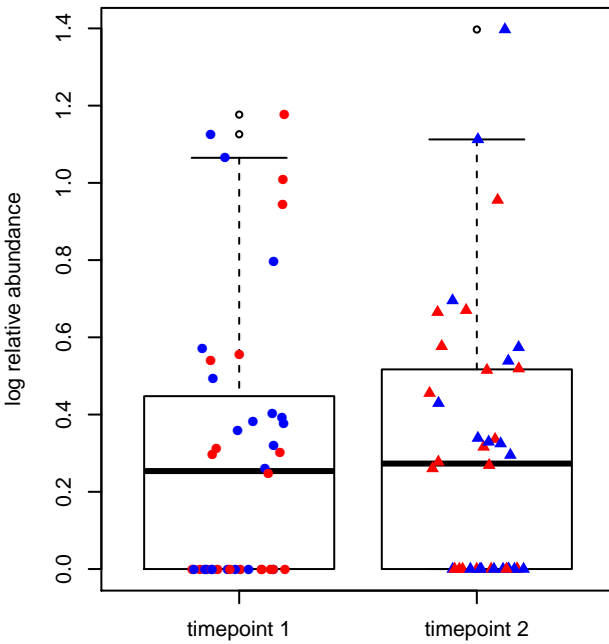
rual vs. urban time 1



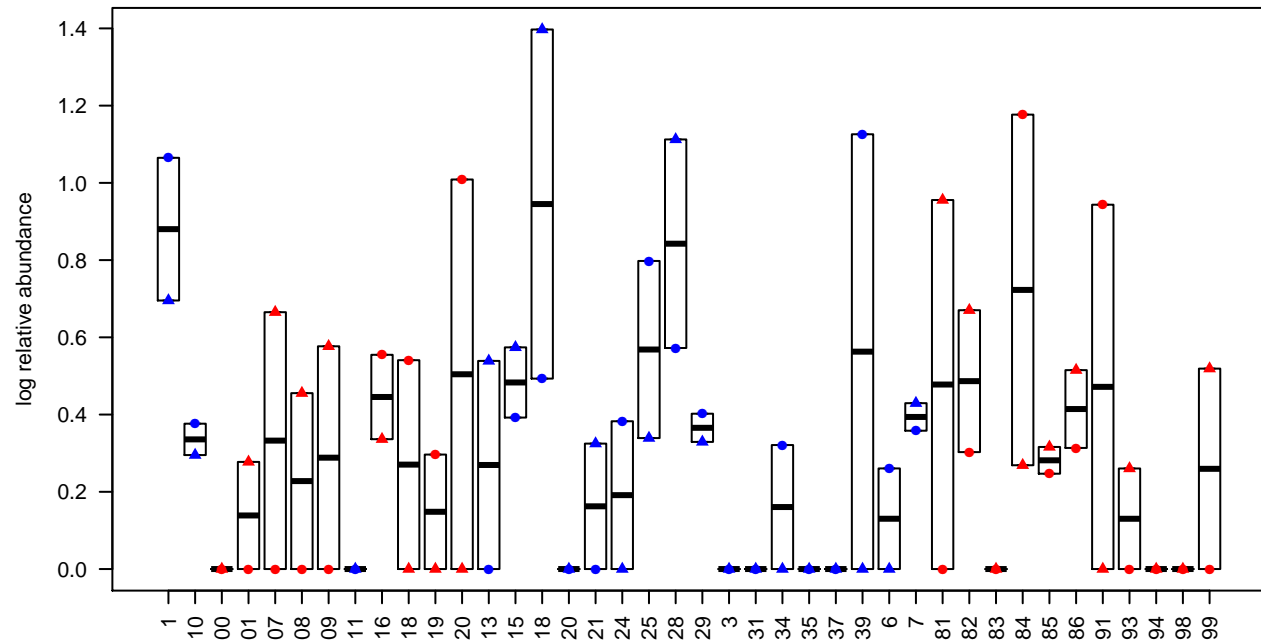
rual vs. urban time 2



time 1 vs. time 2

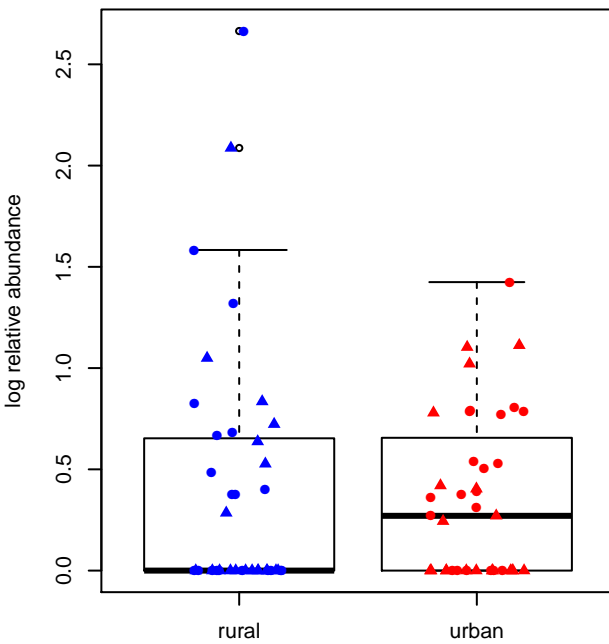


subject ID

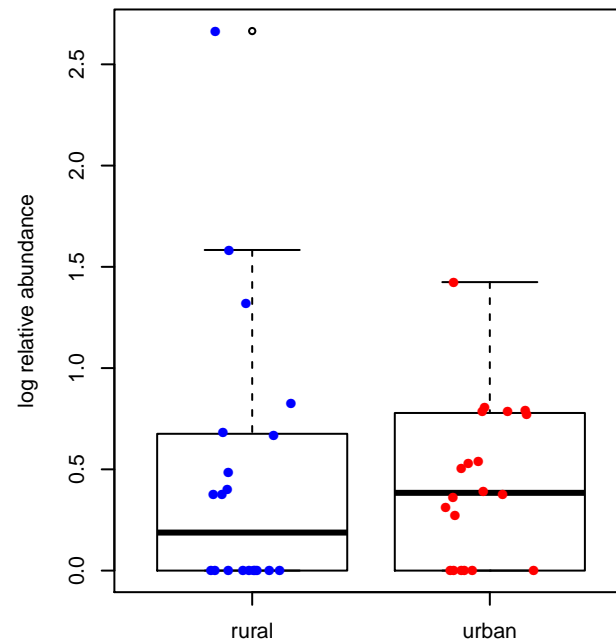


16S family: Leuconostocaceae  
pAdjRuralUrban=0.826; pAdjTime=0.313; pAdjSubject=0.0131

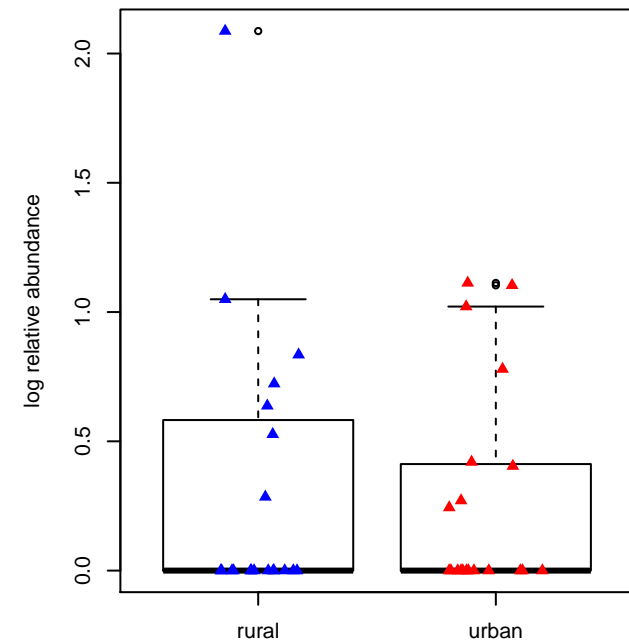
rual vs. urban both timepoints



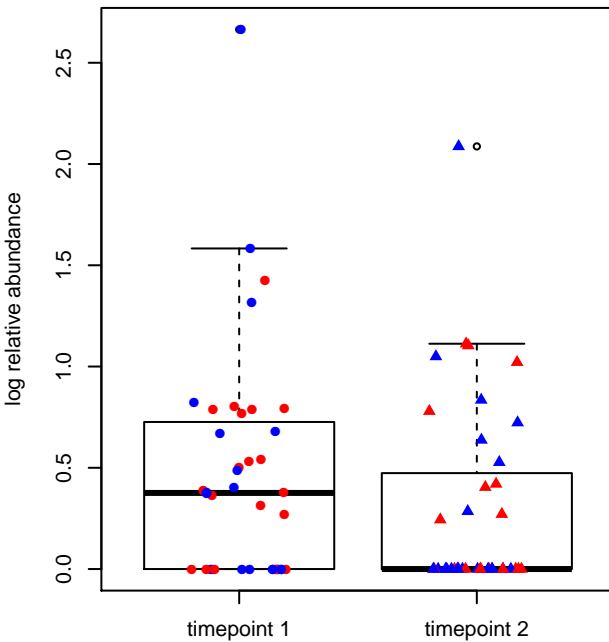
rual vs. urban time 1



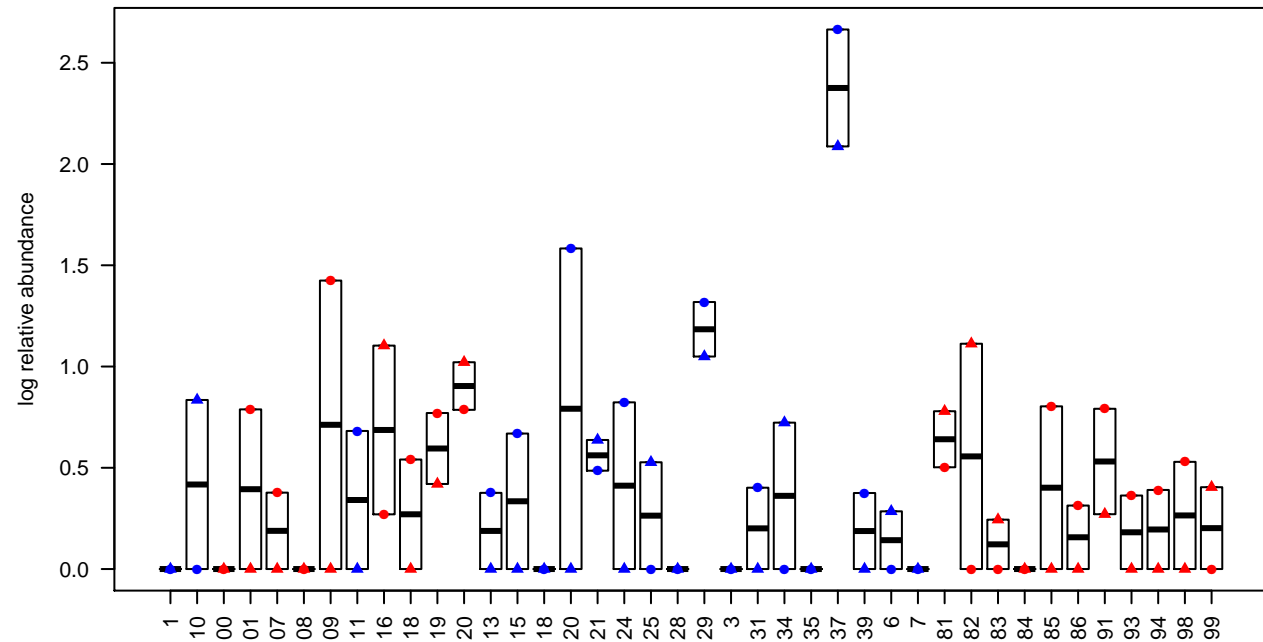
rual vs. urban time 2



time 1 vs. time 2

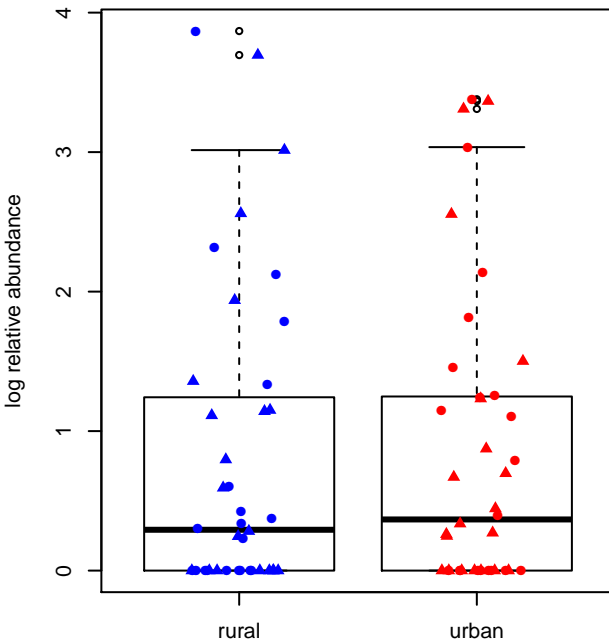


subject ID

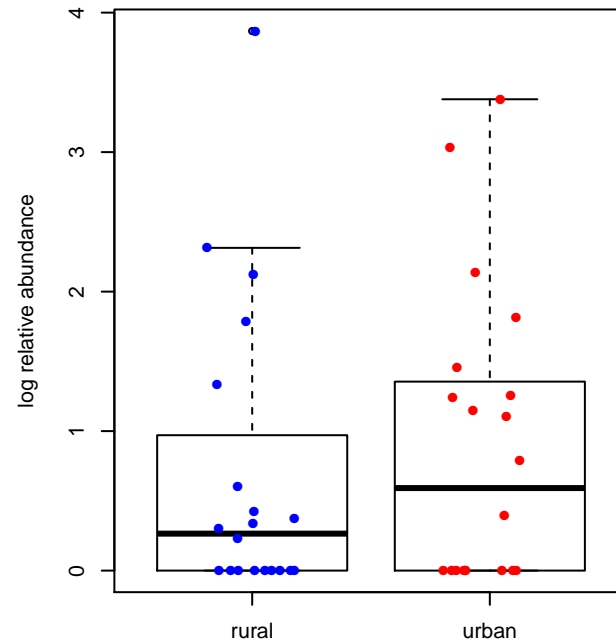


16S family: Verrucomicrobiaceae  
pAdjRuralUrban=0.9; pAdjTime=0.902; pAdjSubject=1.07e-05

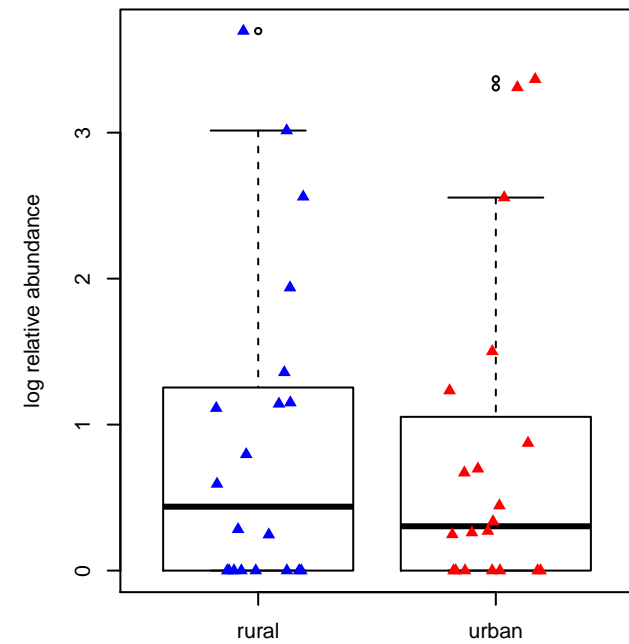
rual vs. urban both timepoints



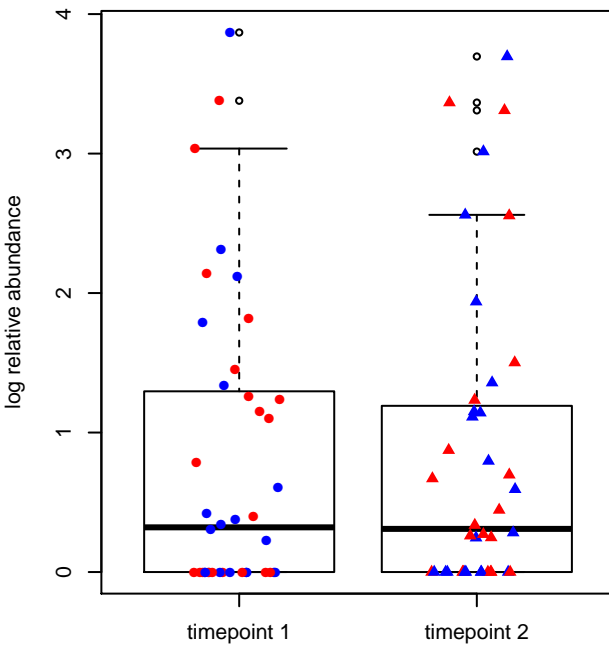
rual vs. urban time 1



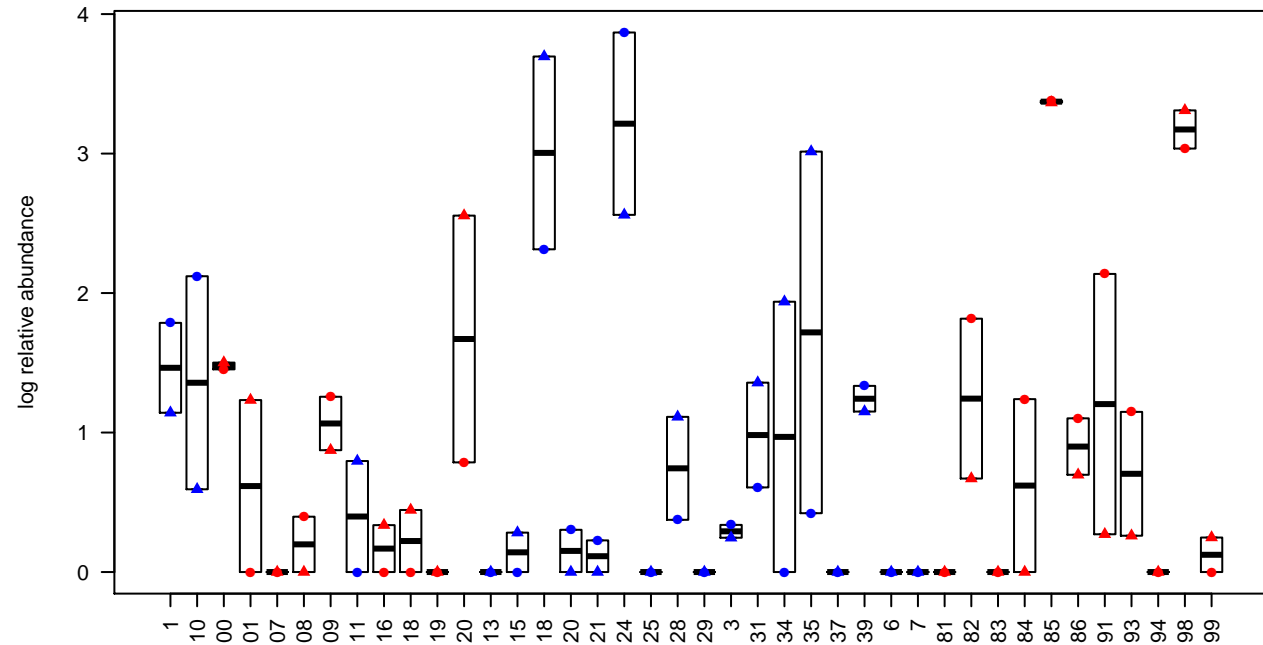
rual vs. urban time 2



time 1 vs. time 2

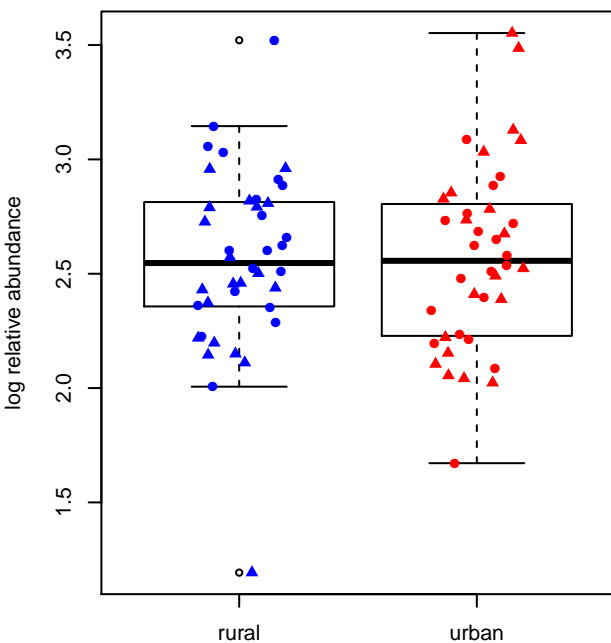


subject ID

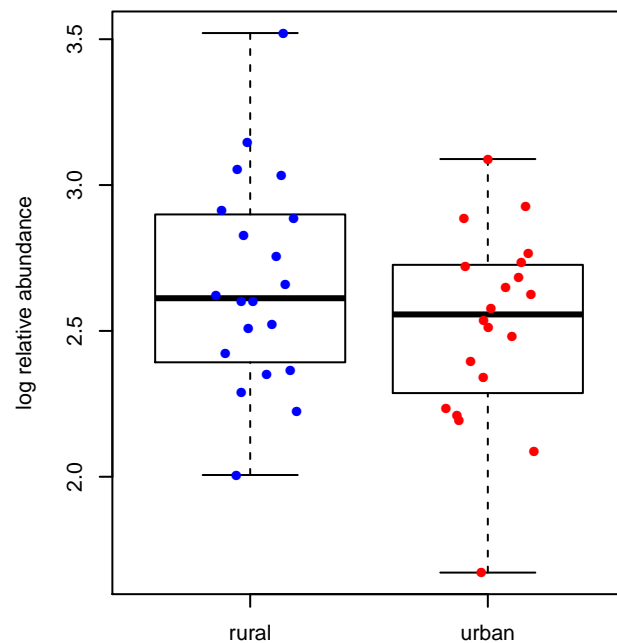


16S family: Erysipelotrichaceae  
pAdjRuralUrban=0.908; pAdjTime=0.8; pAdjSubject=0.0674

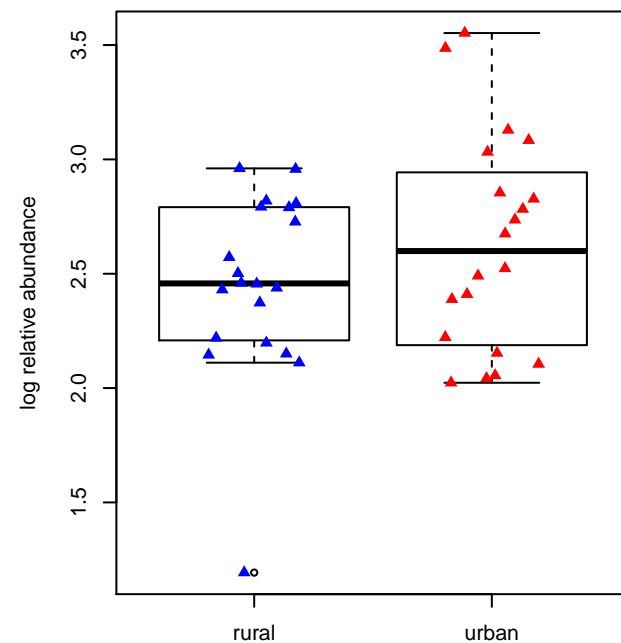
rual vs. urban both timepoints



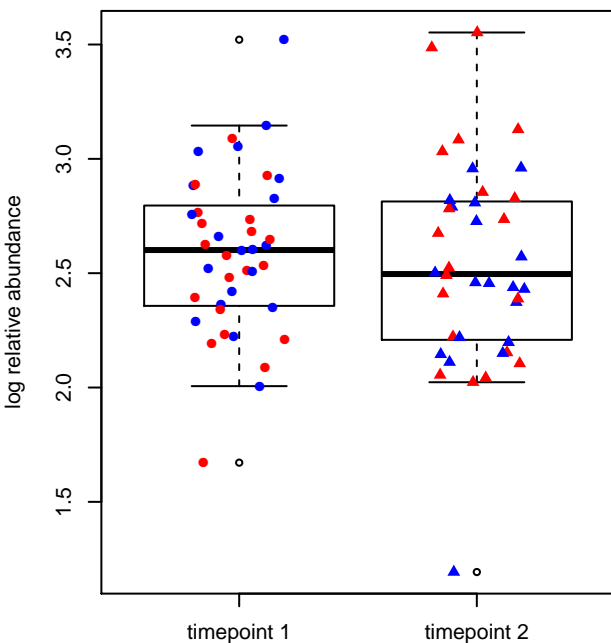
rual vs. urban time 1



rual vs. urban time 2



time 1 vs. time 2



subject ID

