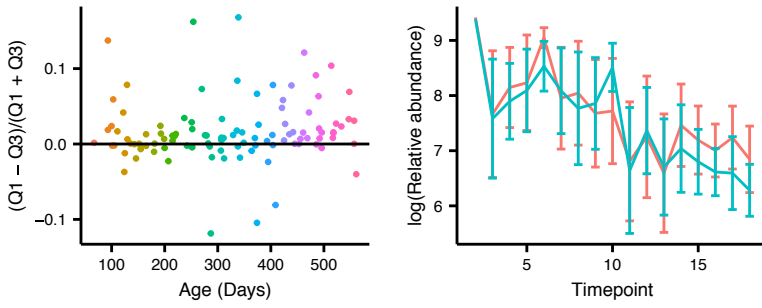
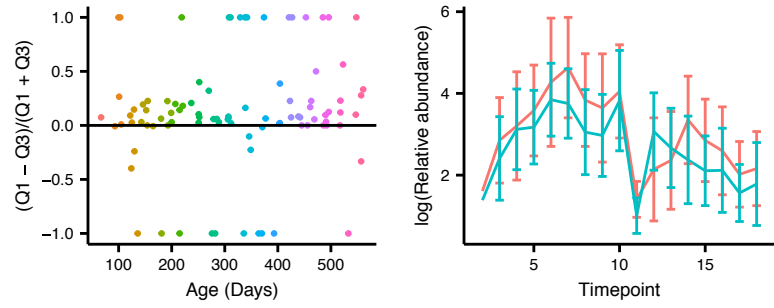


Supplementary figure S11

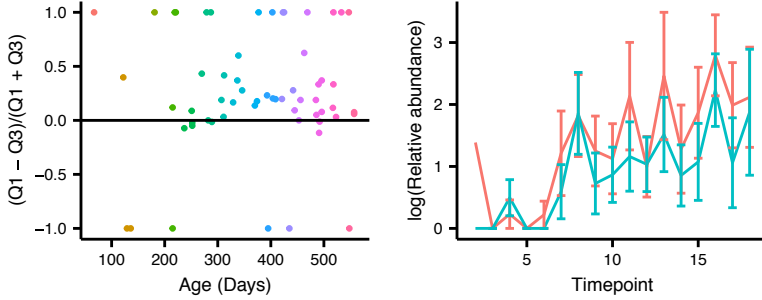
559527 – k__Bacteria; p__Actinobacteria; c__Actinobacteria
o__Bifidobacteriales; f__Bifidobacteriaceae; g__Bifidobacterium; s__ – 3.07e-05



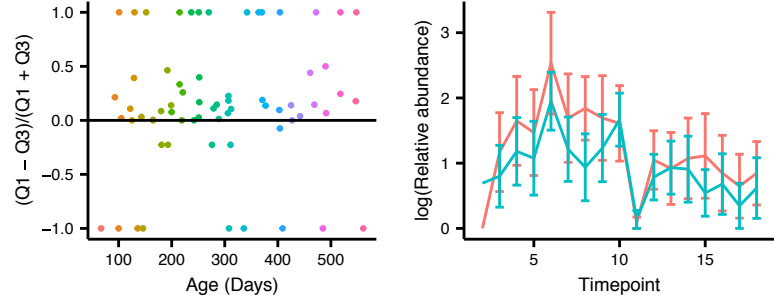
365385 – k__Bacteria; p__Actinobacteria; c__Actinobacteria
o__Bifidobacteriales; f__Bifidobacteriaceae; g__Bifidobacterium; s__ – 3.07e-05



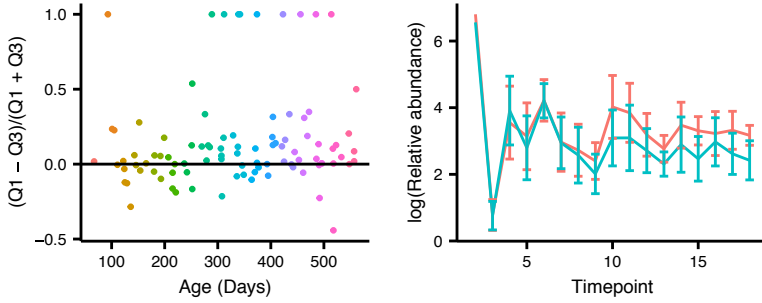
659361 – k__Bacteria; p__Firmicutes; c__Clostridia
o__Clostridiales; f__Lachnospiraceae; g__Dorea; s__ – 9.16e-05



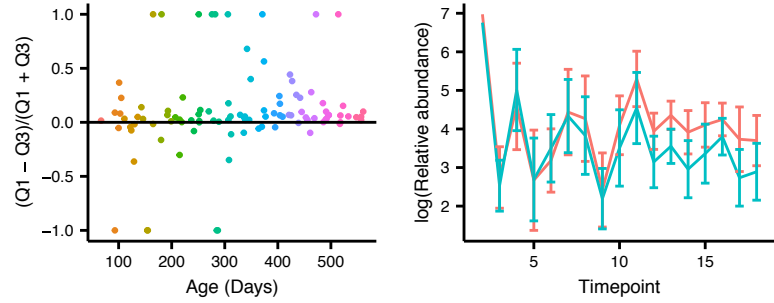
3528448 – k__Bacteria; p__Actinobacteria; c__Actinobacteria
o__Bifidobacteriales; f__Bifidobacteriaceae; g__Bifidobacterium; s__ – 0.000204985



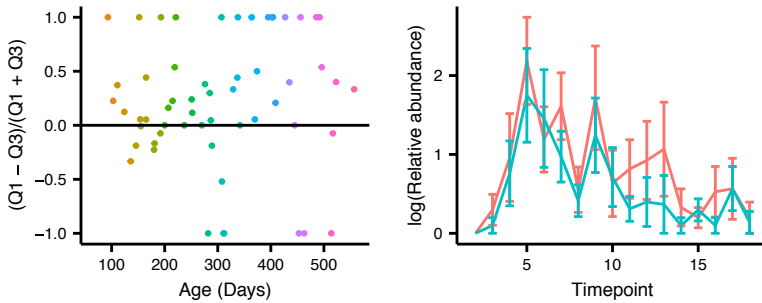
262095 – k__Bacteria; p__Firmicutes; c__Erysipelotrichi
o__Erysipelotrichales; f__Erysipelotrichaceae; g__; s__ – 0.000765874



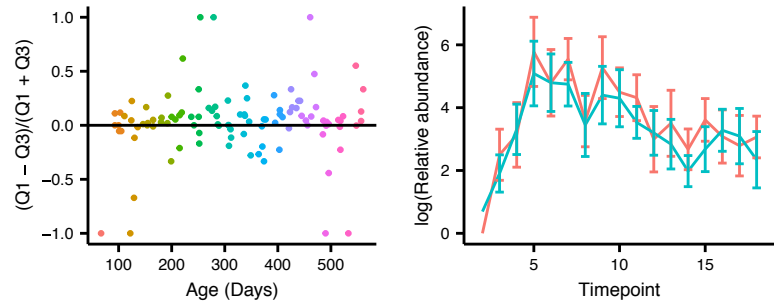
360015 – k__Bacteria; p__Firmicutes; c__Clostridia
o__Clostridiales; f__Lachnospiraceae; g__[Ruminococcus]; s__gnavus – 0.001442369



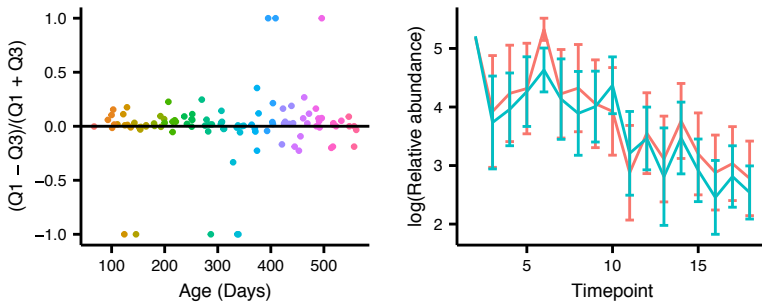
345362 – k__Bacteria; p__Proteobacteria; c__Gammaproteobacteria
o__Enterobacteriales; f__Enterobacteriaceae; g__; s__ – 0.002266714



1111294 – k__Bacteria; p__Proteobacteria; c__Gammaproteobacteria
o__Enterobacteriales; f__Enterobacteriaceae; g__; s__ – 0.002266714



997439 – k__Bacteria; p__Actinobacteria; c__Actinobacteria
o__Bifidobacteriales; f__Bifidobacteriaceae; g__Bifidobacterium; s__ – 0.002818258



New.ReferenceOTU1127 – k__Bacteria; p__Firmicutes; c__Clostridia
o__Clostridiales; f__Lachnospiraceae; g__[Ruminococcus]; s__gnavus – 0.002818258

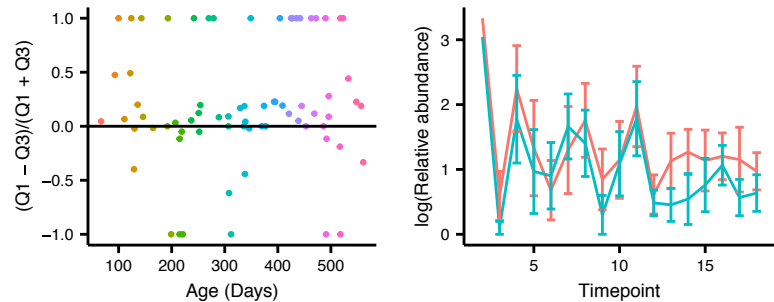
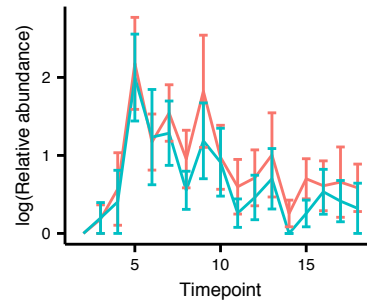
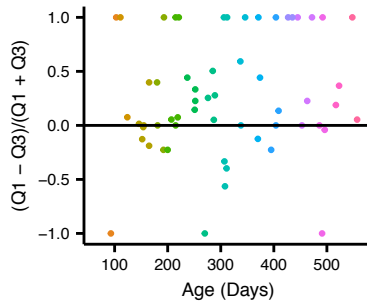
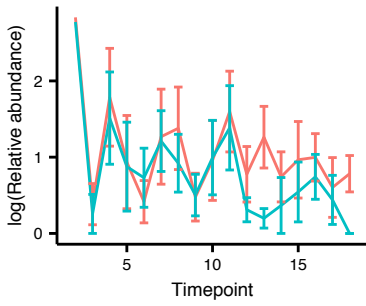
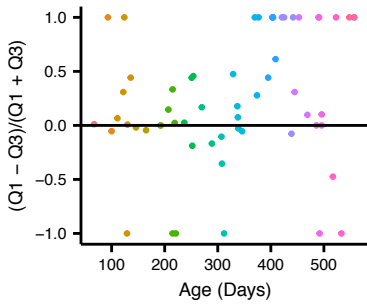


Figure Teddy_Q1_vs_Q3_supp

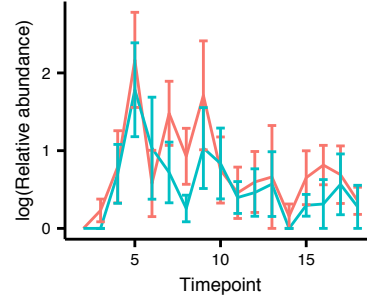
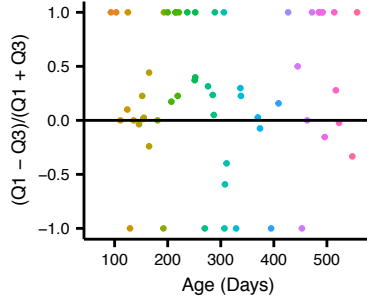
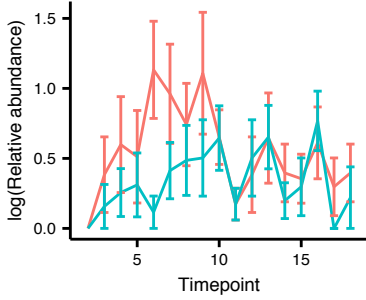
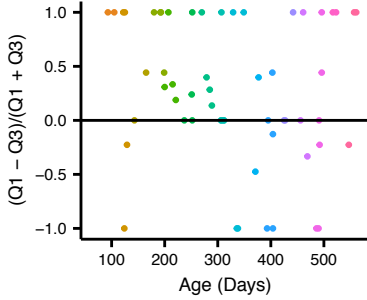
New.ReferenceOTU2021 - k__Bacteria; p__Firmicutes; c__Clostridia
o__Clostridiales; f__Lachnospiraceae; g__; s__ - 0.003342723

4333897 - k__Bacteria; p__Proteobacteria; c__Gammaproteobacteria
o__Enterobacteriales; f__Enterobacteriaceae; g__; s__ - 0.004022792



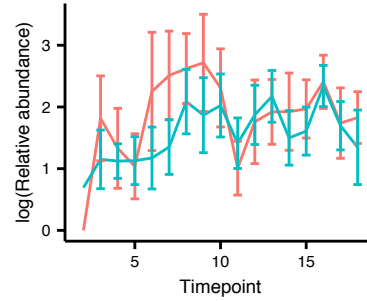
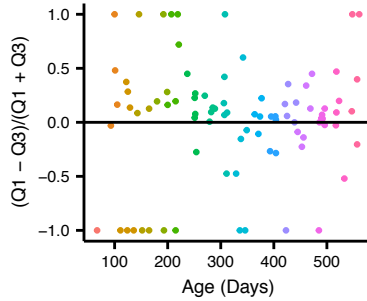
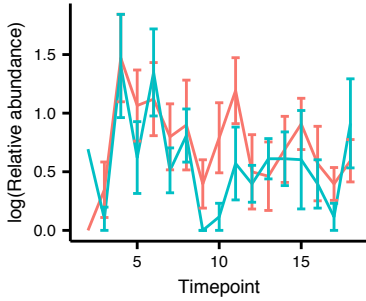
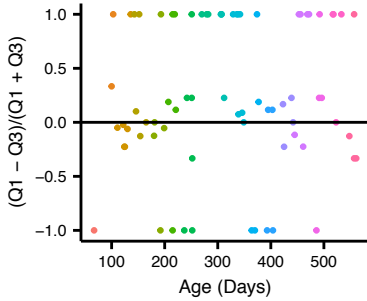
4481861 - k__Bacteria; p__Actinobacteria; c__Actinobacteria
o__Bifidobacteriales; f__Bifidobacteriaceae; g__Bifidobacterium; s__ - 0.004201506

1109247 - k__Bacteria; p__Proteobacteria; c__Gammaproteobacteria
o__Enterobacteriales; f__Enterobacteriaceae; g__; s__ - 0.004446503



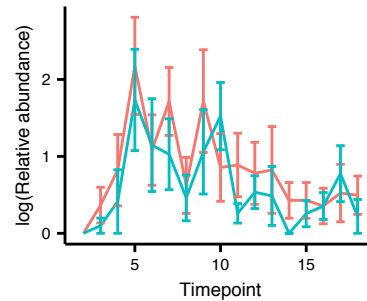
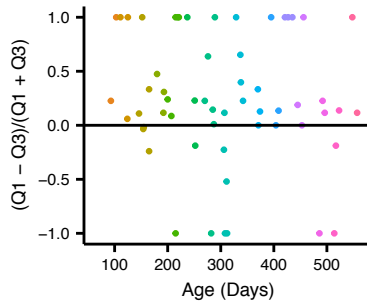
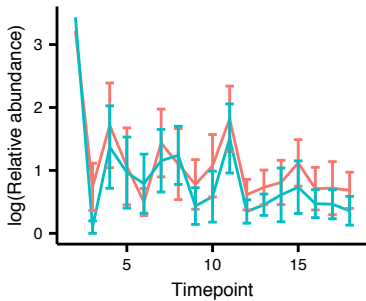
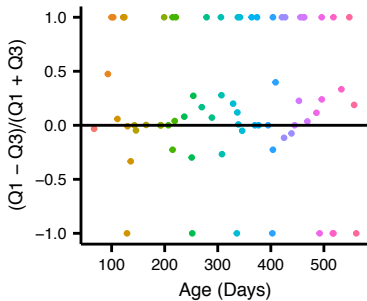
787709 - k__Bacteria; p__Actinobacteria; c__Actinobacteria
o__Actinomycetales; f__Actinomycetaceae; g__Actinomyces; s__ - 0.006104403

822770 - k__Bacteria; p__Actinobacteria; c__Actinobacteria
o__Bifidobacteriales; f__Bifidobacteriaceae; g__Bifidobacterium; s__ - 0.006989366



176704 - k__Bacteria; p__Firmicutes; c__Clostridia
o__Clostridiales; f__Lachnospiraceae; g__[Ruminococcus]; s__gnavus - 0.006989366

231787 - k__Bacteria; p__Proteobacteria; c__Gammaproteobacteria
o__Enterobacteriales; f__Enterobacteriaceae; g__; s__ - 0.006989366



3715618 - k__Bacteria; p__Firmicutes; c__Clostridia
o__Clostridiales; f__Lachnospiraceae; g__[Ruminococcus]; s__gnavus - 0.006989366

813217 - k__Bacteria; p__Proteobacteria; c__Gammaproteobacteria
o__Enterobacteriales; f__Enterobacteriaceae; g__; s__ - 0.012425239

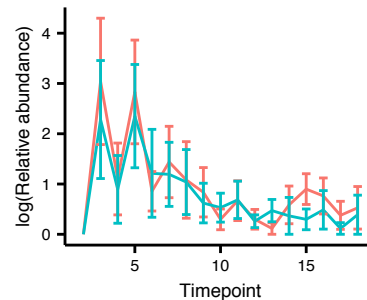
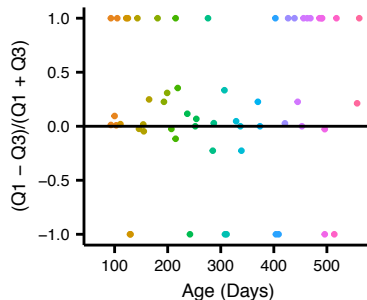
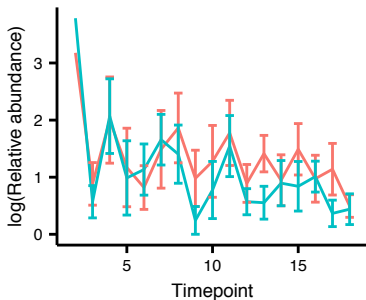
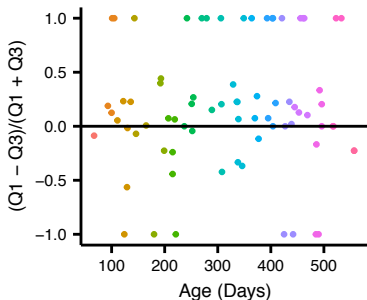
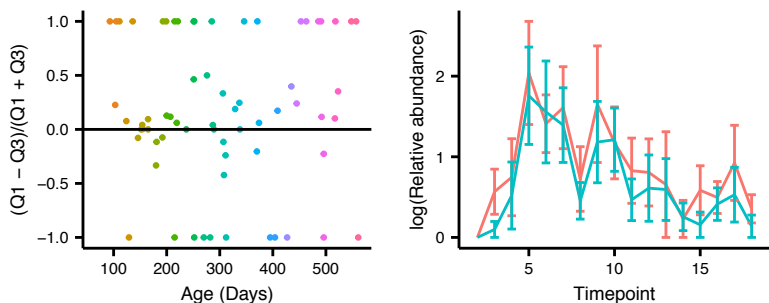
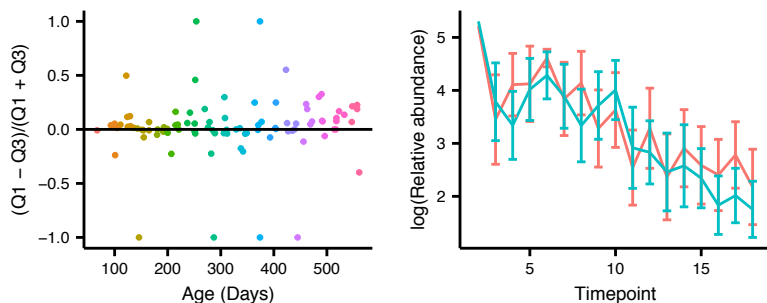


Figure Teddy_Q1_vs_Q3_supp

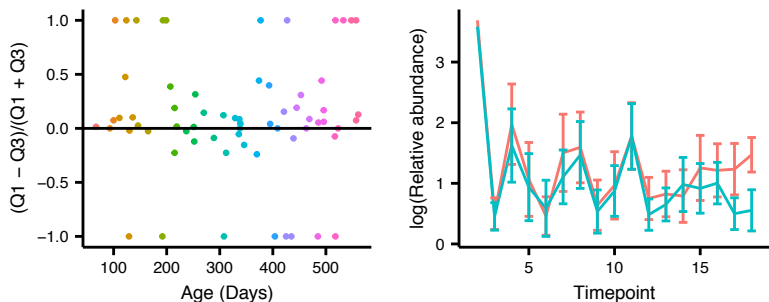
289709 – k_Bacteria; p_Proteobacteria; c_Gammaproteobacteria
o_Enterobacteriales; f_Enterobacteriaceae; g__; s__ – 0.018813852



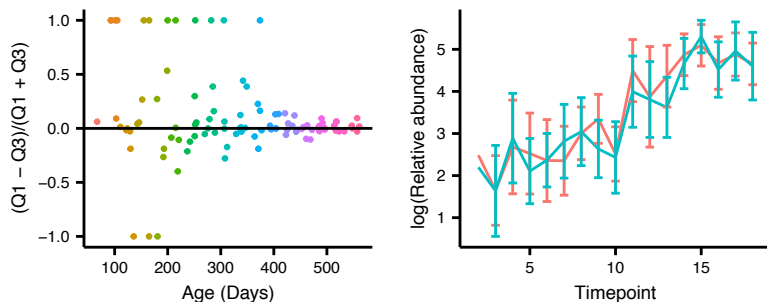
813479 – k_Bacteria; p_Actinobacteria; c_Actinobacteria
o_Bifidobacteriales; f_Bifidobacteriaceae; g_Bifidobacterium; s__ – 0.019154365



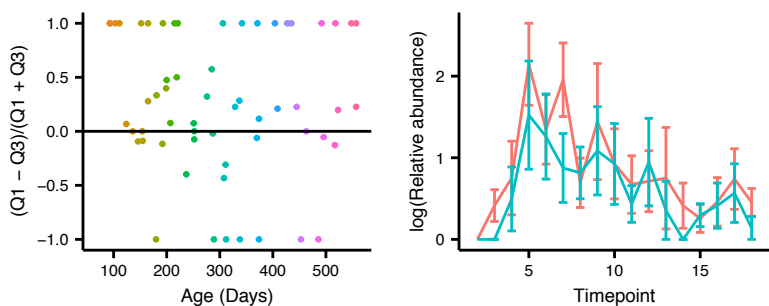
191999 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; NA; NA – 0.019154365



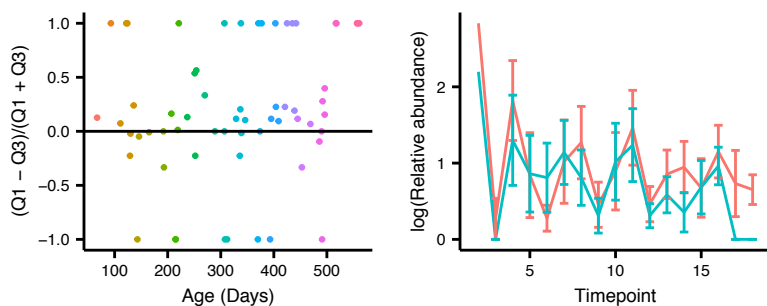
579608 – k_Bacteria; p_Firmicutes; c_Bacilli
o_Lactobacillales; f_Streptococcaceae; g_Streptococcus; s__ – 0.019271225



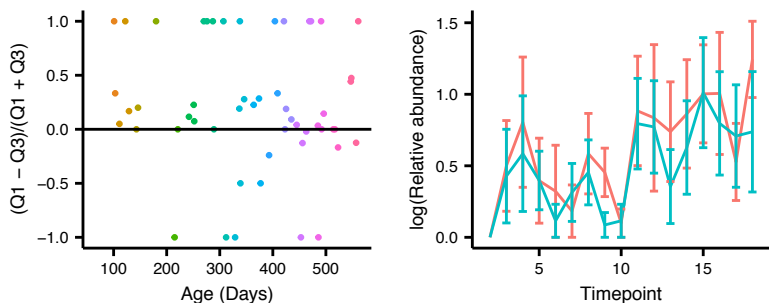
667570 – k_Bacteria; p_Proteobacteria; c_Gammaproteobacteria
o_Enterobacteriales; f_Enterobacteriaceae; g__; s__ – 0.022848523



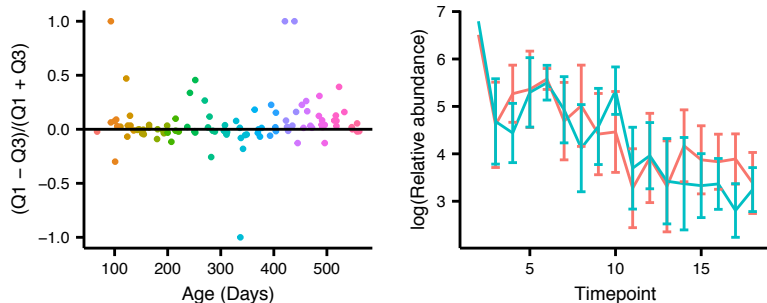
New.ReferenceOTU2576 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_[Ruminococcus]; s_gnavus – 0.023776174



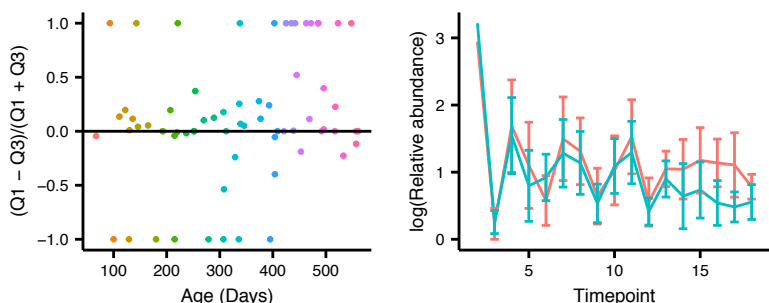
4306836 – k_Bacteria; p_Firmicutes; c_Bacilli
o_Lactobacillales; f_Streptococcaceae; g_Streptococcus; s__ – 0.026204072



235262 – k_Bacteria; p_Actinobacteria; c_Actinobacteria
o_Bifidobacteriales; f_Bifidobacteriaceae; g_Bifidobacterium; s__ – 0.026204072



New.ReferenceOTU2274 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_[Ruminococcus]; s_gnavus – 0.026204072



591635 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Ruminococcaceae; g_Ruminococcus; s__ – 0.026759218

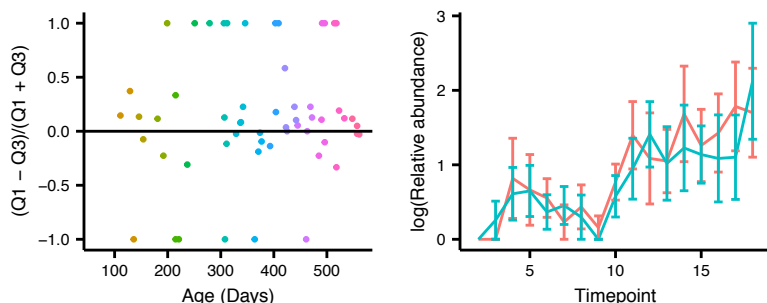
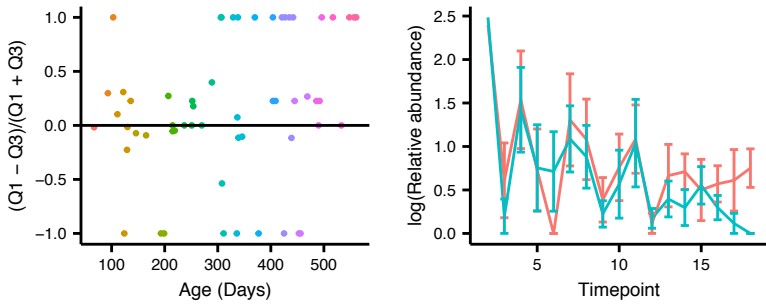
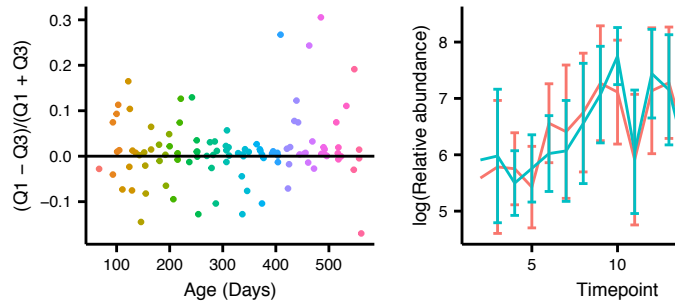


Figure Teddy_Q1_vs_Q3_supp

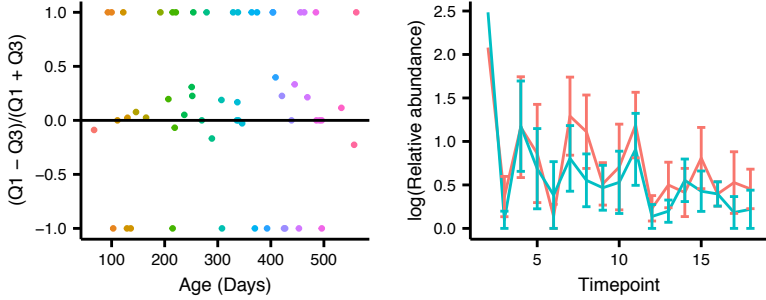
New.ReferenceOTU3135 – k__Bacteria; p__Firmicutes; c__Clostridia
o__Clostridiales; f__Lachnospiraceae; g__s__ – 0.027901672



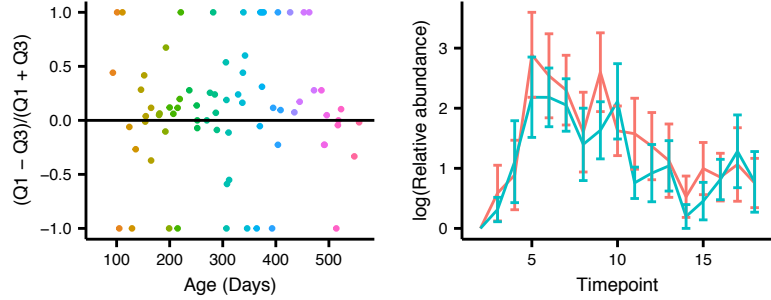
484304 – k__Bacteria; p__Actinobacteria; c__Actinobacteria
o__Bifidobacteriales; f__Bifidobacteriaceae; g__Bifidobacterium; s__ – 0.029175705



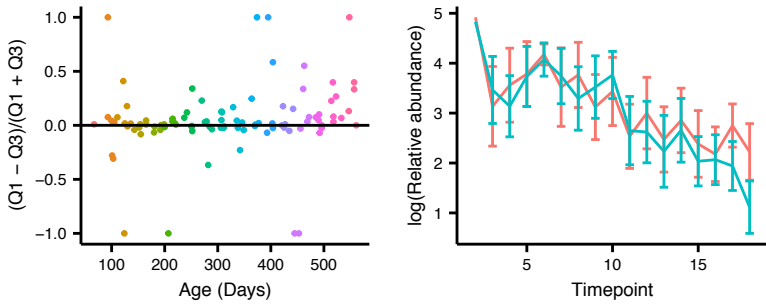
New.ReferenceOTU3990 – k__Bacteria; p__Firmicutes; c__Clostridia
o__Clostridiales; f__Lachnospiraceae; g__[Ruminococcus]; s__gnavus – 0.02931299



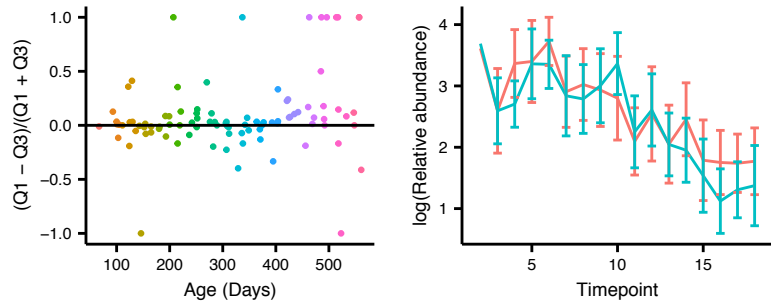
334459 – k__Bacteria; p__Proteobacteria; c__Gammaproteobacteria
o__Enterobacteriales; f__Enterobacteriaceae; g__; s__ – 0.0304457



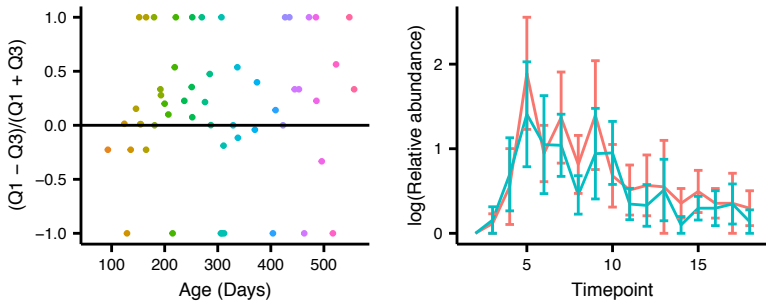
1142029 – k__Bacteria; p__Actinobacteria; c__Actinobacteria
o__Bifidobacteriales; f__Bifidobacteriaceae; g__Bifidobacterium; s__ – 0.031775561



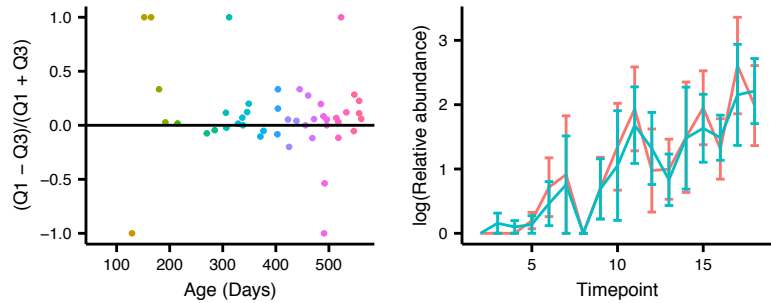
370225 – k__Bacteria; p__Actinobacteria; c__Actinobacteria
o__Bifidobacteriales; f__Bifidobacteriaceae; g__Bifidobacterium; s__adolescentis – 0.034941842



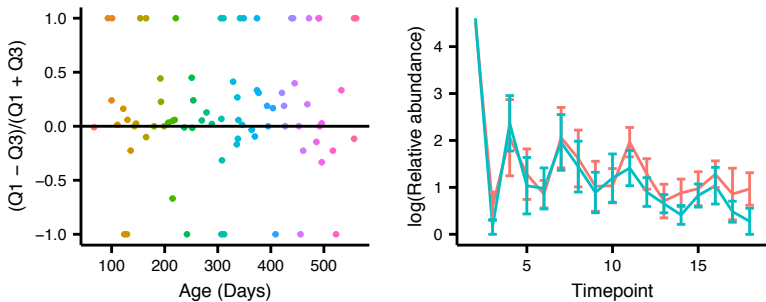
4111715 – k__Bacteria; p__Proteobacteria; c__Gammaproteobacteria
o__Enterobacteriales; f__Enterobacteriaceae; g__; s__ – 0.040215536



514523 – k__Bacteria; p__Firmicutes; c__Clostridia
o__Clostridiales; f__Ruminococcaceae; g__; s__ – 0.045500148



3376513 – k__Bacteria; p__Firmicutes; c__Clostridia
o__Clostridiales; f__Lachnospiraceae; g__[Ruminococcus]; s__gnavus – 0.047441106



182133 – k__Bacteria; p__Firmicutes; c__Clostridia
o__Clostridiales; f__Lachnospiraceae; g__Blautia; s__ – 0.000126849

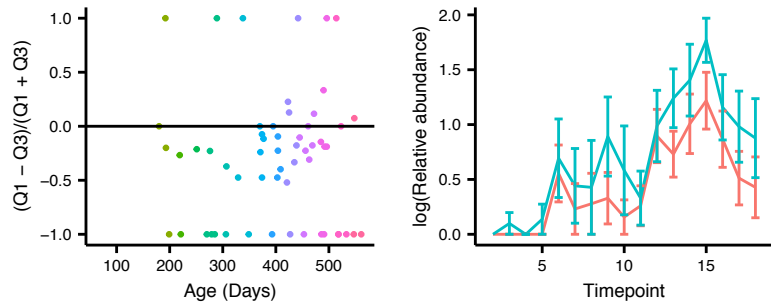
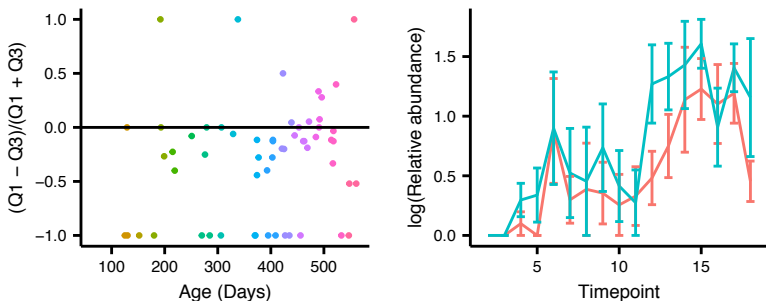
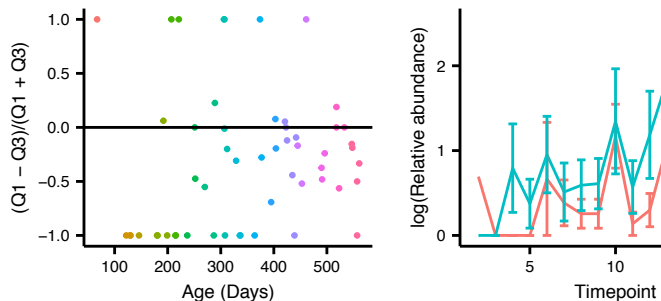


Figure Teddy_Q1_vs_Q3_supp

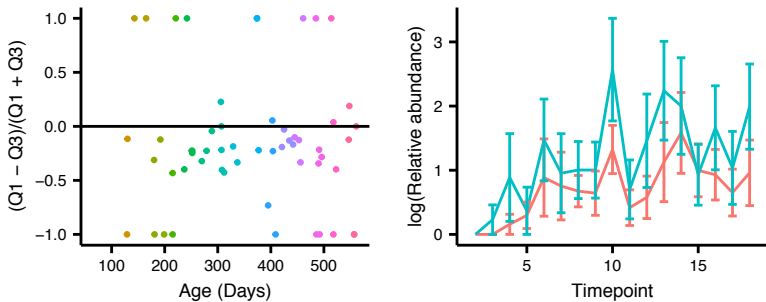
194130 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.000208919



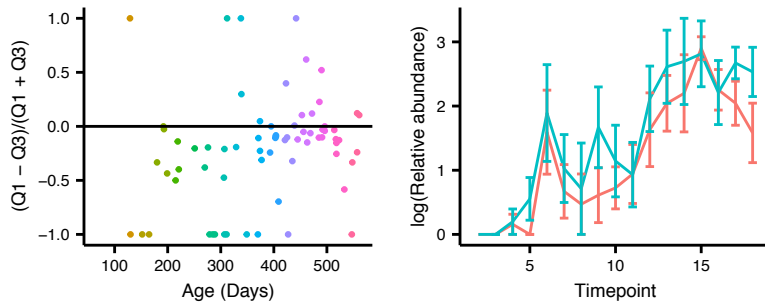
535955 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Clostridiaceae; g_ ; s_ – 0.000393678



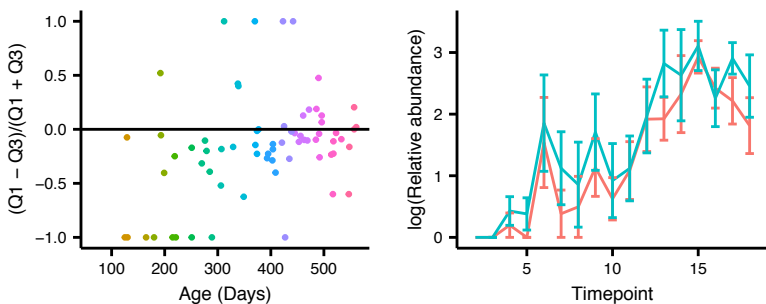
551822 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Clostridiaceae; NA; NA – 0.000781094



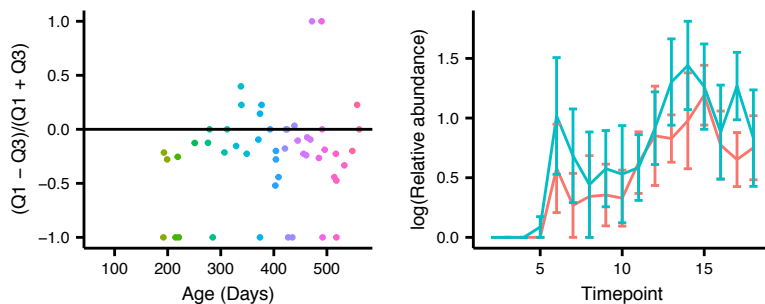
192937 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.000781094



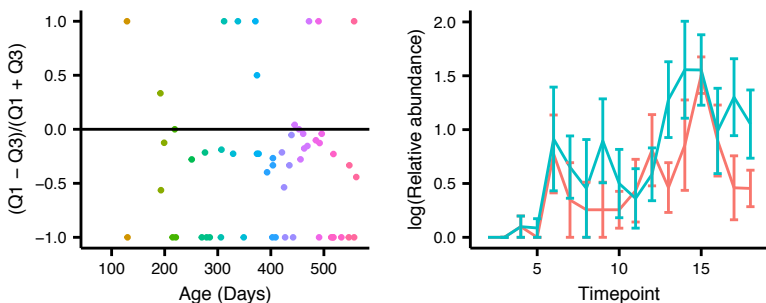
339948 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.000901548



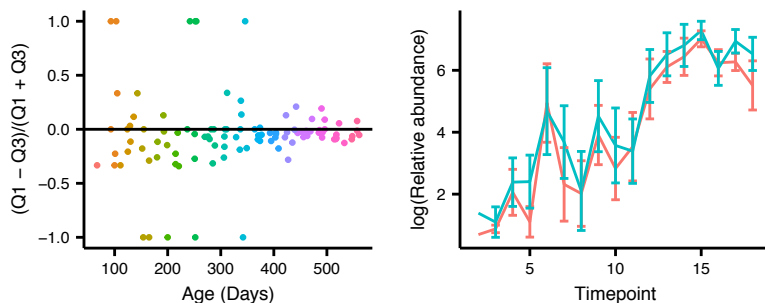
196731 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.00140447



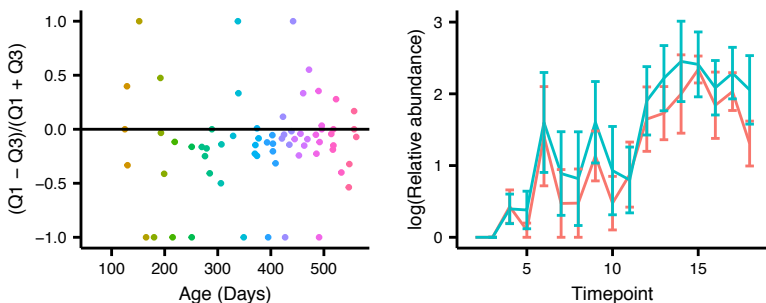
570507 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.001422562



1078587 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.001442369



185812 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.001979626



312986 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.001979626

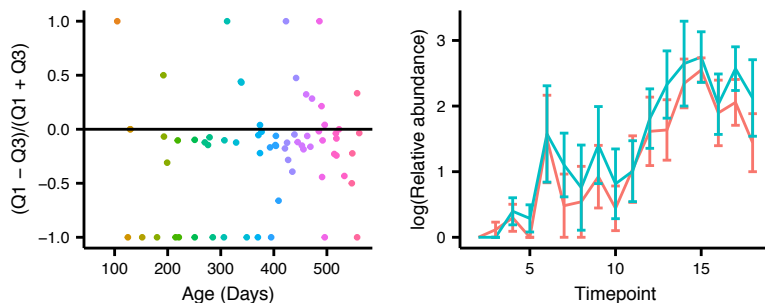
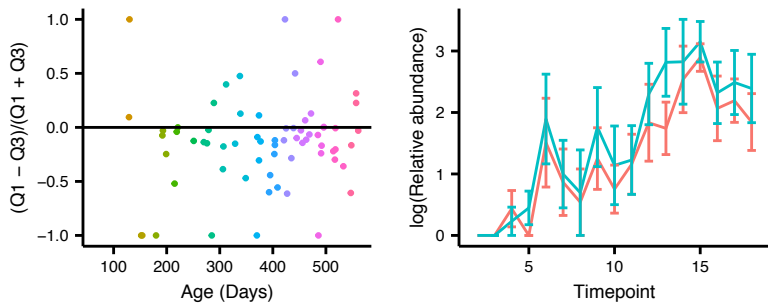
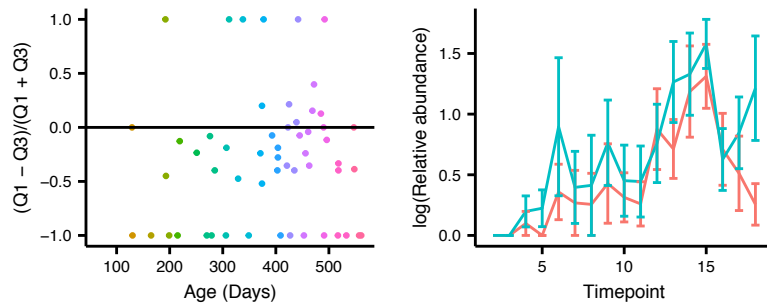


Figure Teddy_Q1_vs_Q3_supp

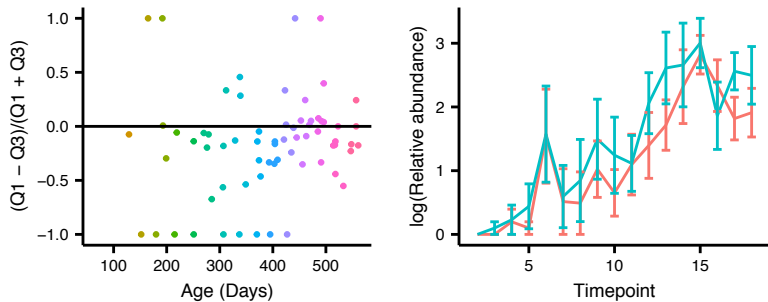
518389 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.002219151



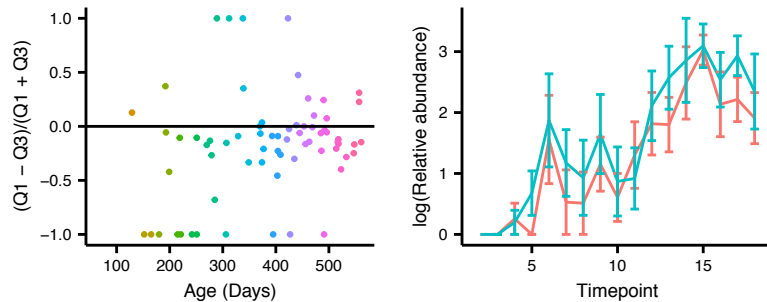
296441 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.002219151



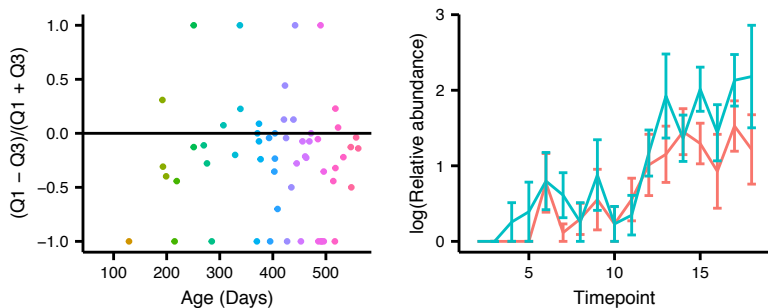
184561 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.002219151



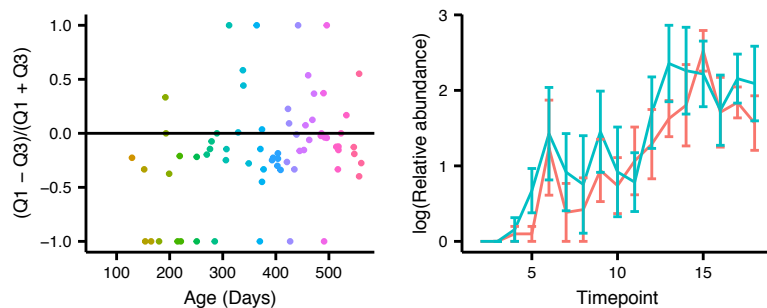
193302 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.002306973



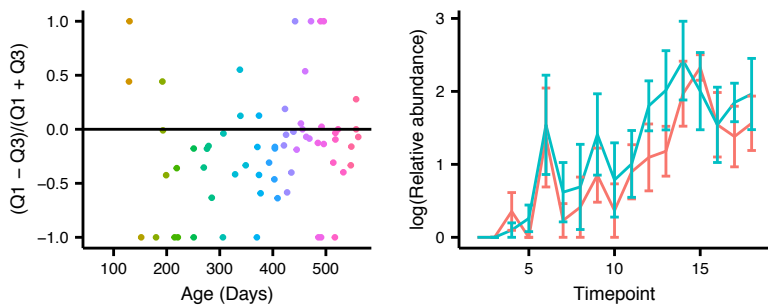
309391 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.002818258



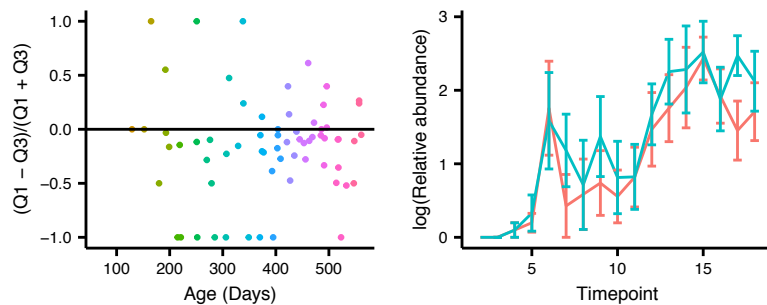
174624 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.004025078



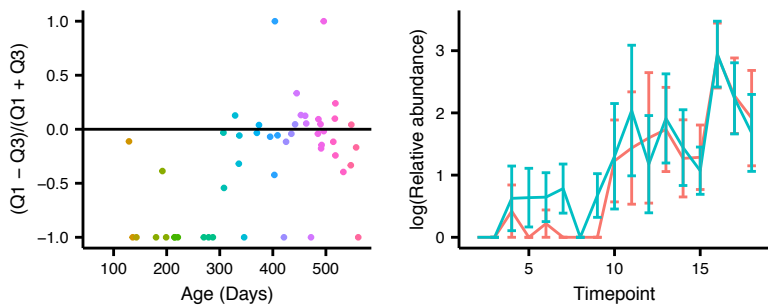
77514 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.004237948



196878 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.00467731



696563 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_producta – 0.005684104



194089 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.005684104

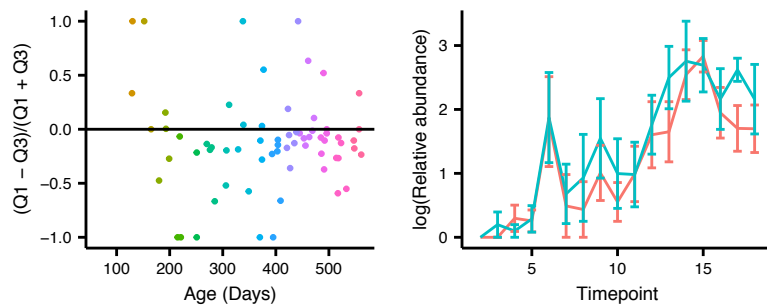
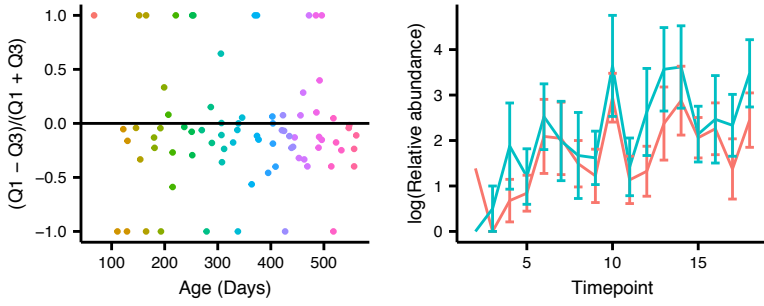
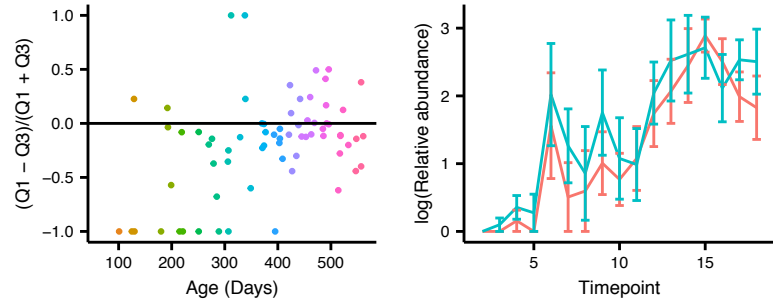


Figure Teddy_Q1_vs_Q3_supp

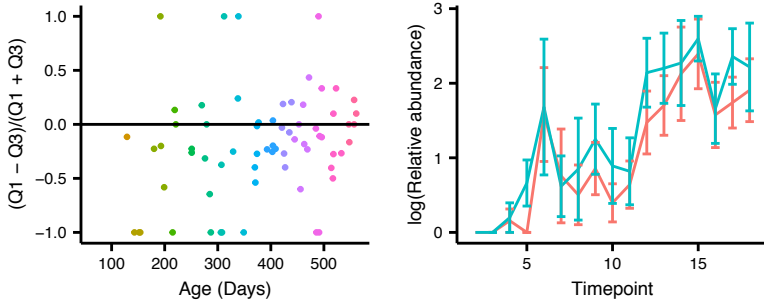
628226 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Clostridiaceae; g__; s__ – 0.005955668



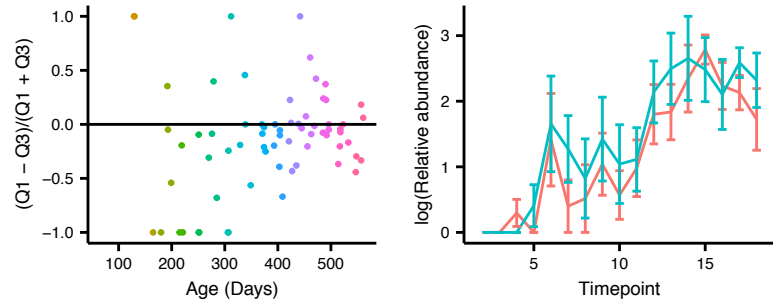
302683 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s__ – 0.006104403



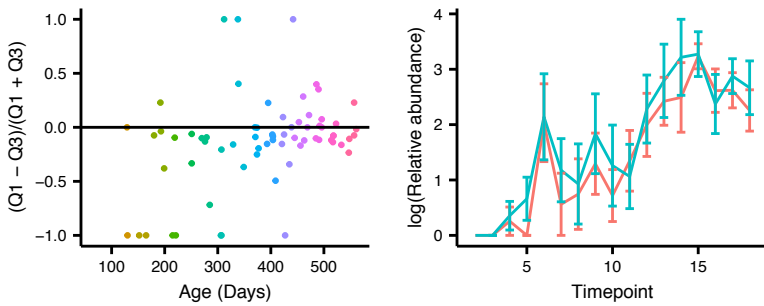
198059 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s__ – 0.006989366



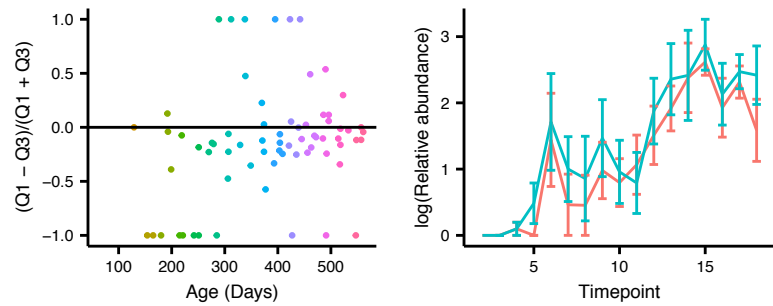
532203 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s__ – 0.007074771



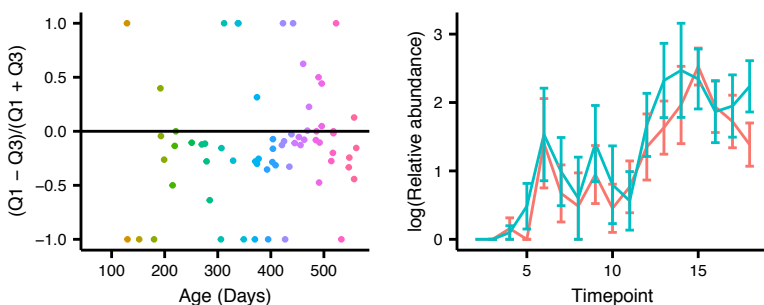
186883 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s__ – 0.007765238



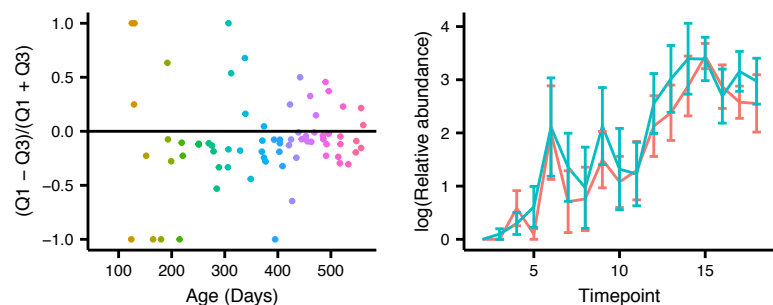
193744 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s__ – 0.010001395



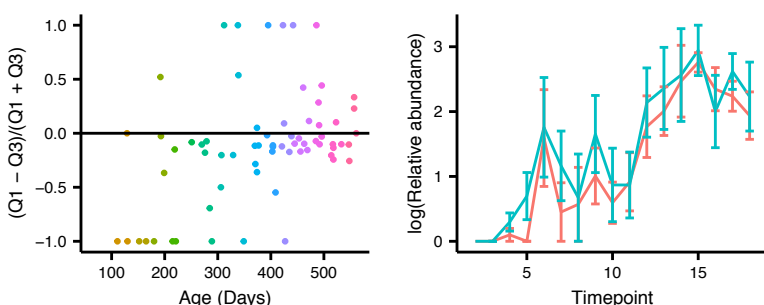
3924208 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s__ – 0.010001395



362568 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s__ – 0.011365948



68845 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s__ – 0.011786071



363348 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s__ – 0.01182177

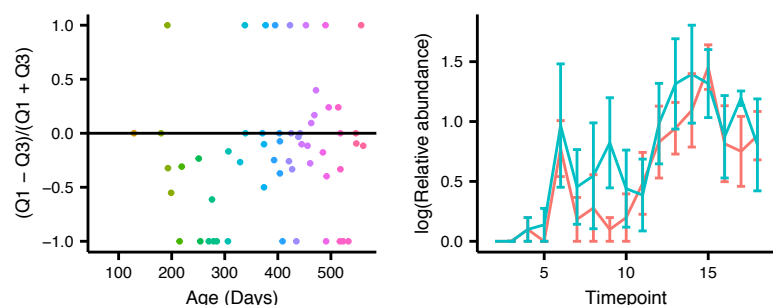
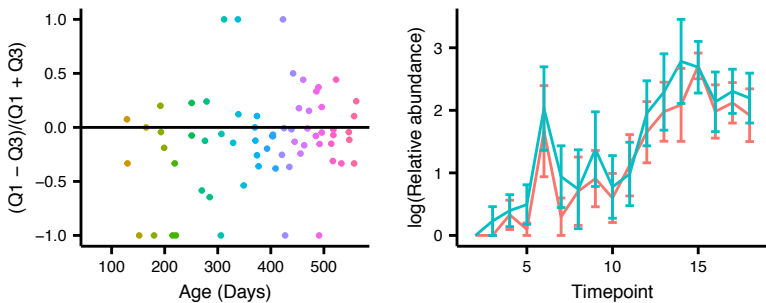
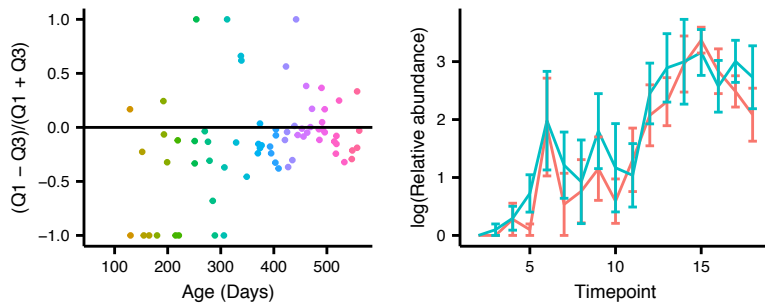


Figure Teddy_Q1_vs_Q3_supp

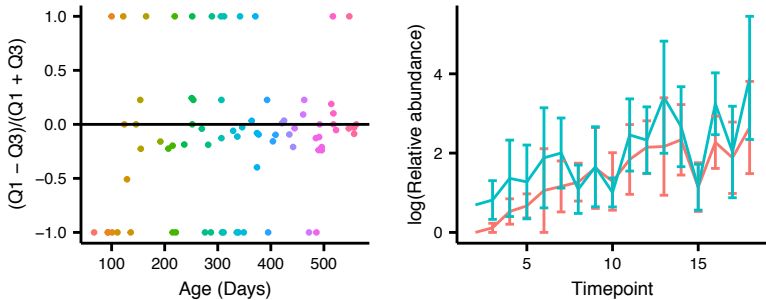
196942 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g__; s_ – 0.012425239



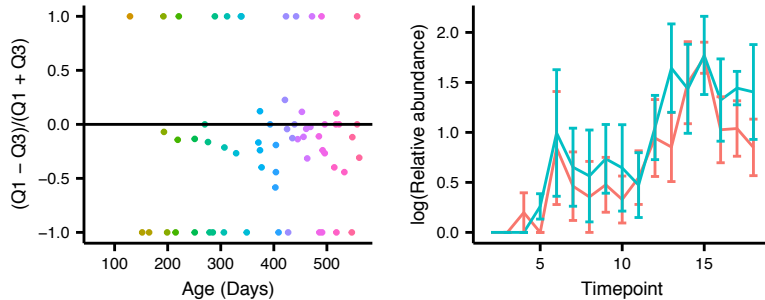
230741 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.014346912



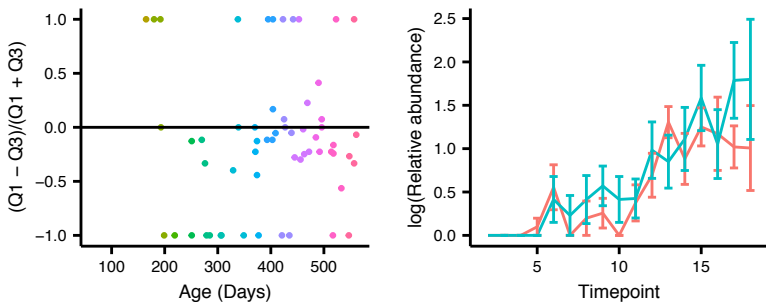
New.CleanUp.ReferenceOTU1267548 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Clostridiaceae; g__; s_ – 0.016238199



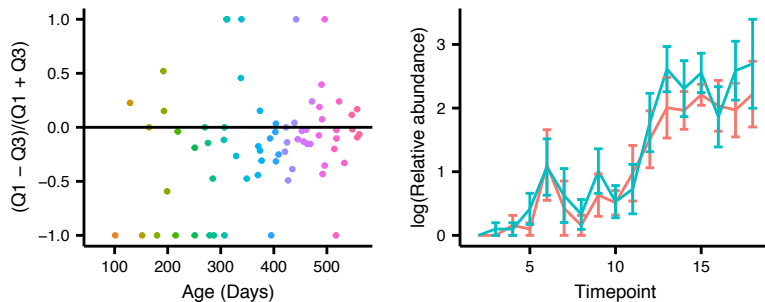
367790 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.020590685



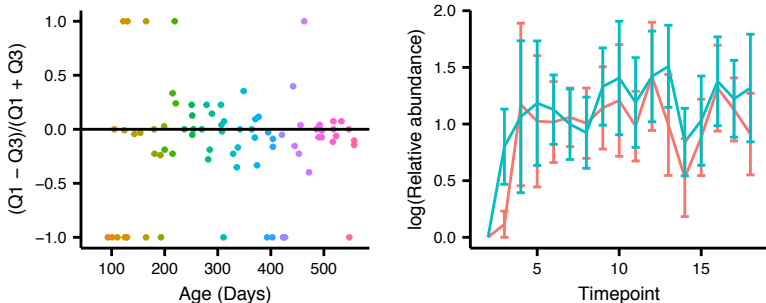
332929 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; NA; NA – 0.021783656



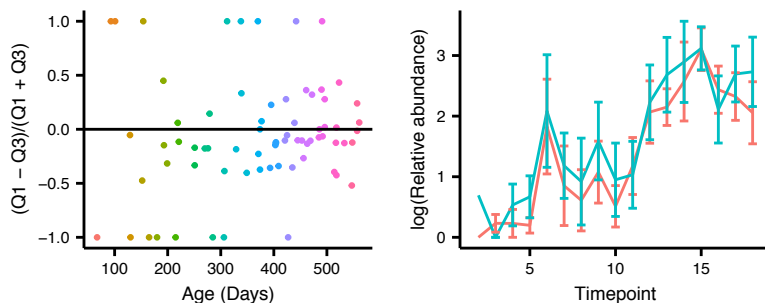
193484 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f__; g__; s_ – 0.026899706



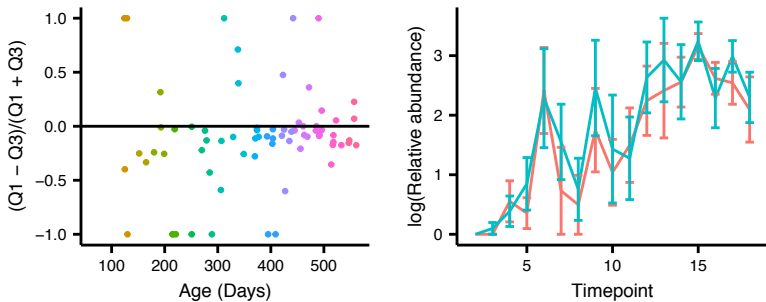
825808 – k_Bacteria; p_Actinobacteria; c_Actinobacteria
o_Bifidobacteriales; f_Bifidobacteriaceae; g_Bifidobacterium; s_ – 0.0304457



3014078 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.0304457



3768338 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.0304457



199147 – k_Bacteria; p_Firmicutes; c_Clostridia
o_Clostridiales; f_Lachnospiraceae; g_Blautia; s_ – 0.030896284

