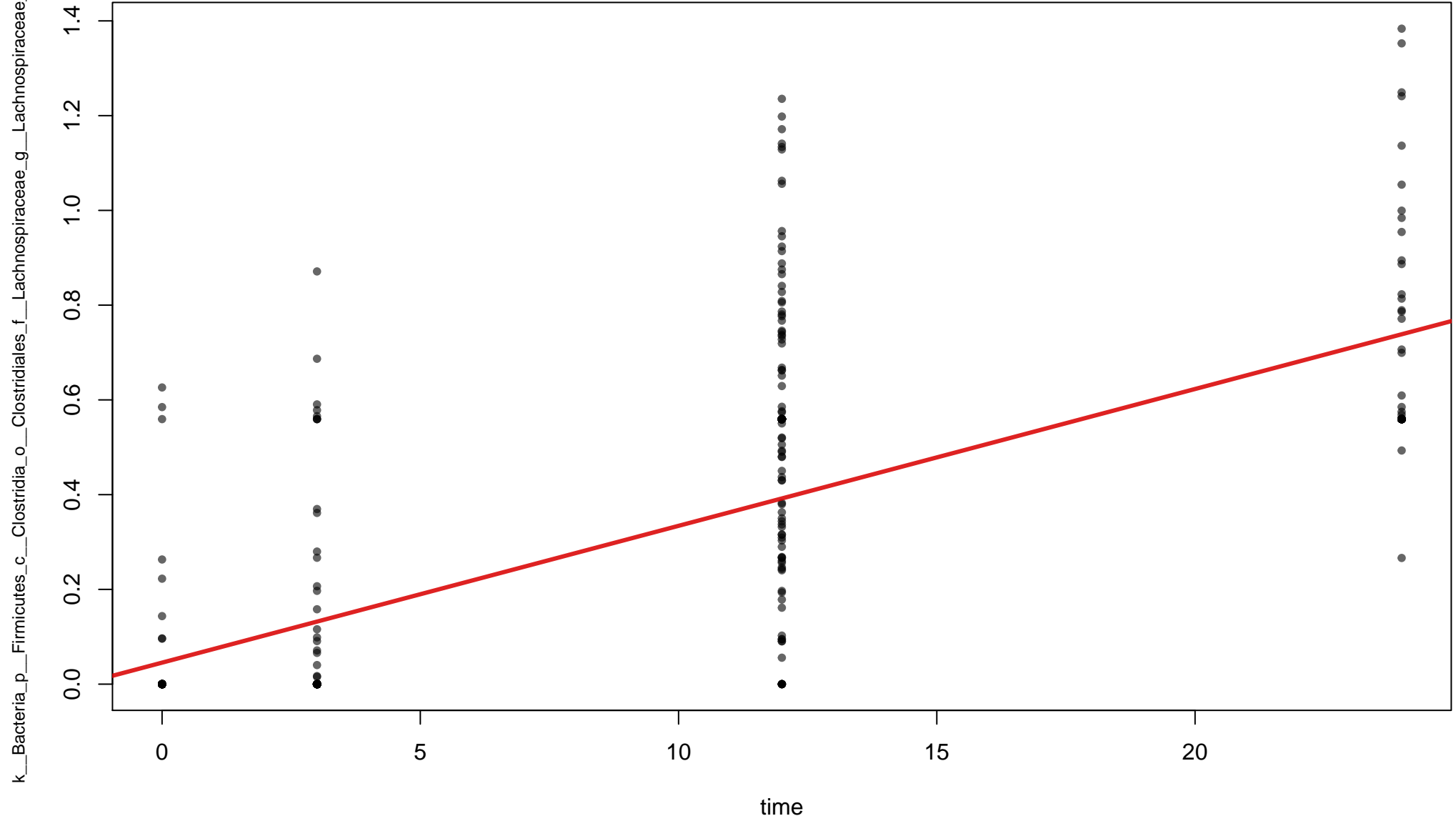
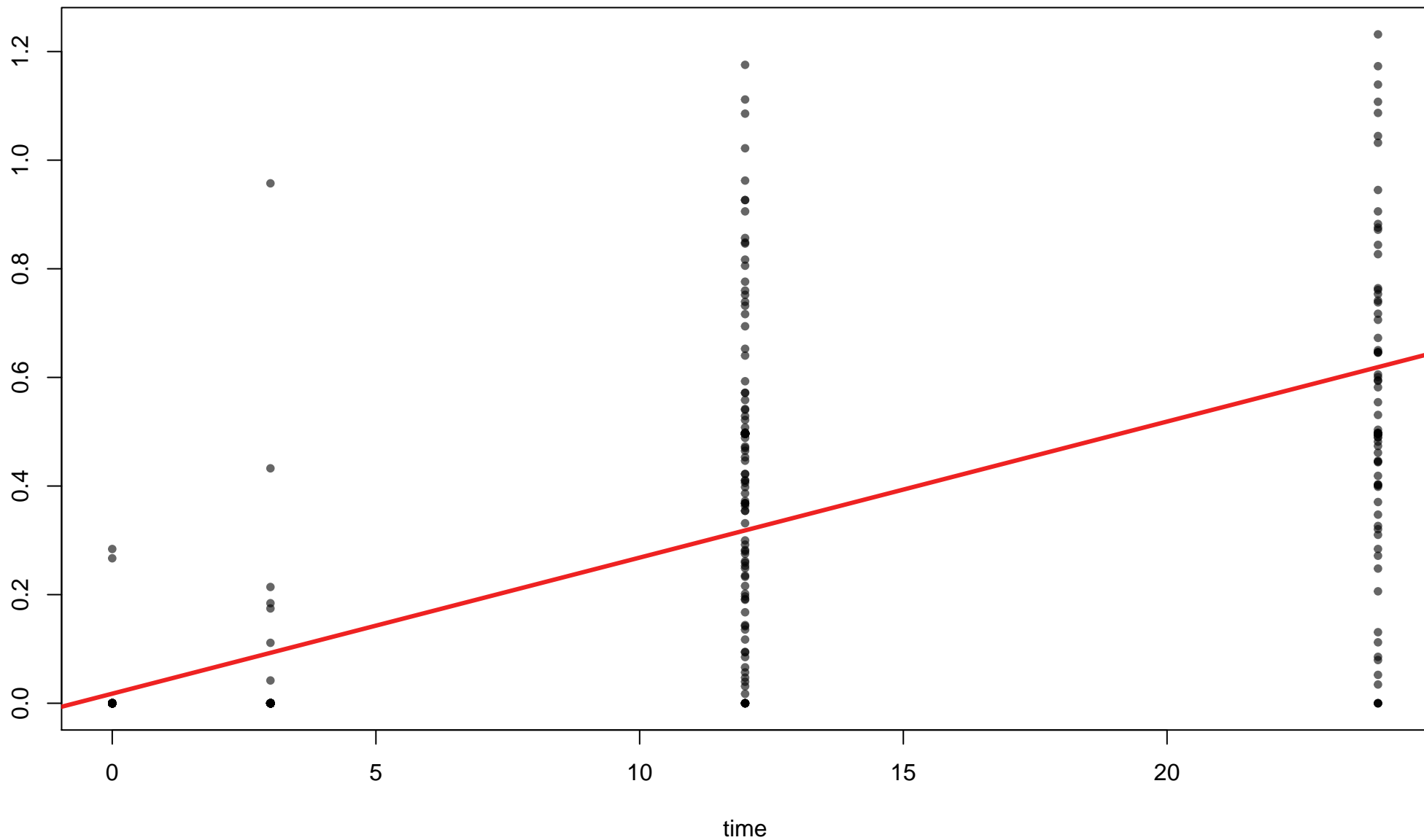


time (0.0289 sd 0.00106, p=5.25e-85, q=1.62e-81)



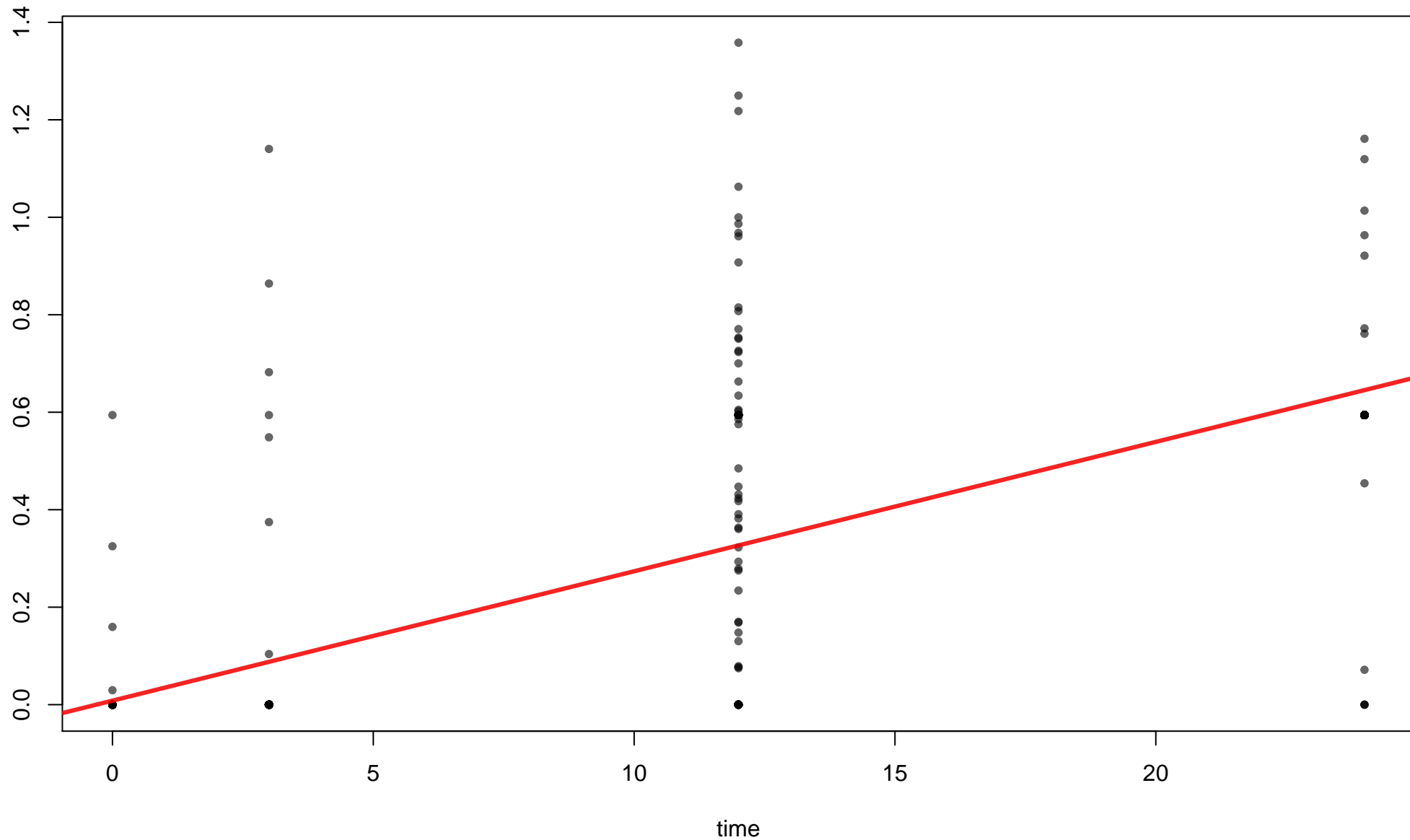
time (0.0251 sd 0.00102, p=4.17e-75, q=6.42e-72)

k_Bacteria_p__Firmicutes_c__Clostridia_o__Clostridiales_f__Lachnospiraceae_g__Anaerostipes

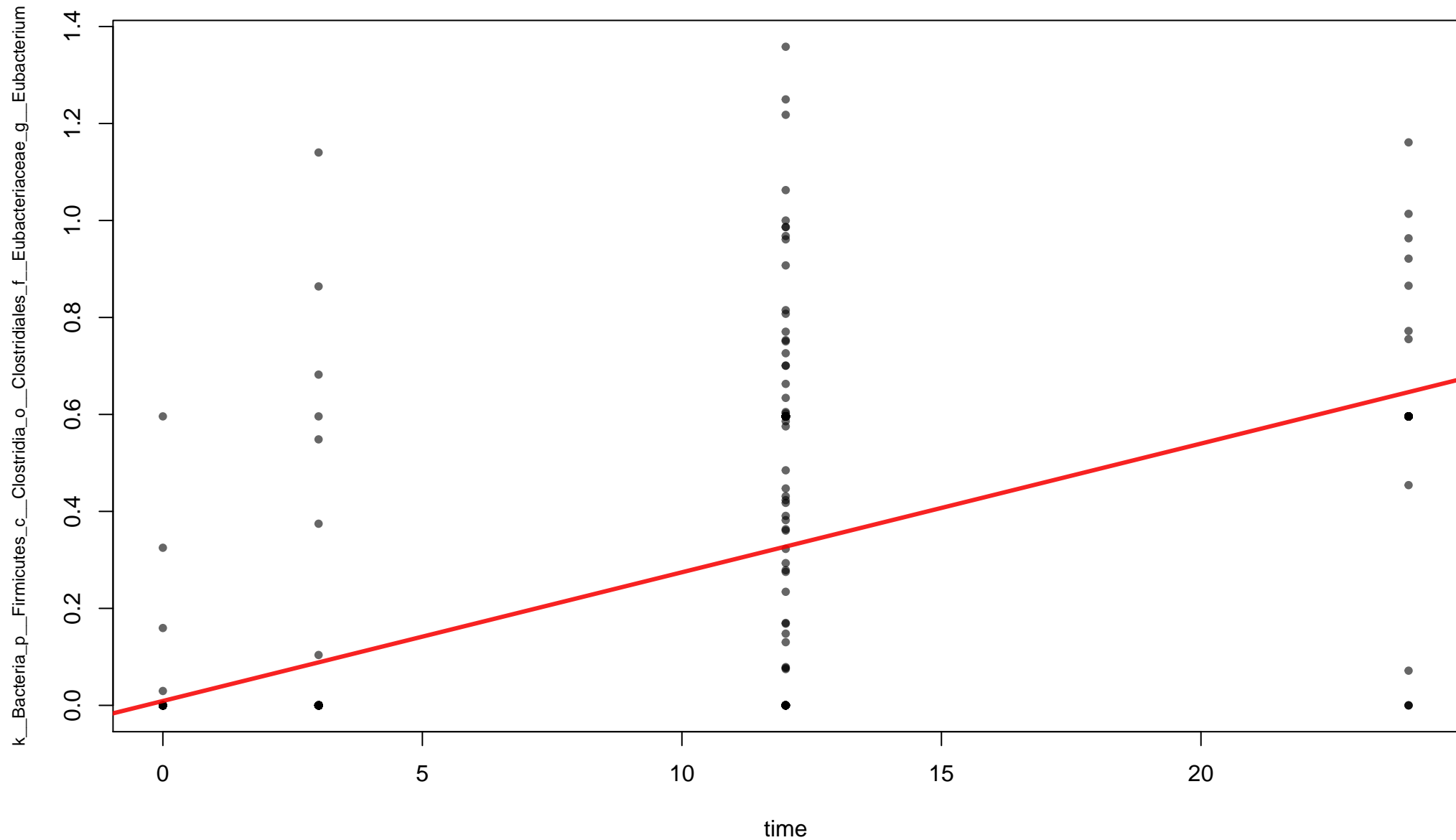


time (0.0265 sd 0.0011, p=4.67e-74, q=4.79e-71)

k__Bacteria_p__Firmicutes_c__Clostridia_o__Clostridiales_f__Eubacteriaceae

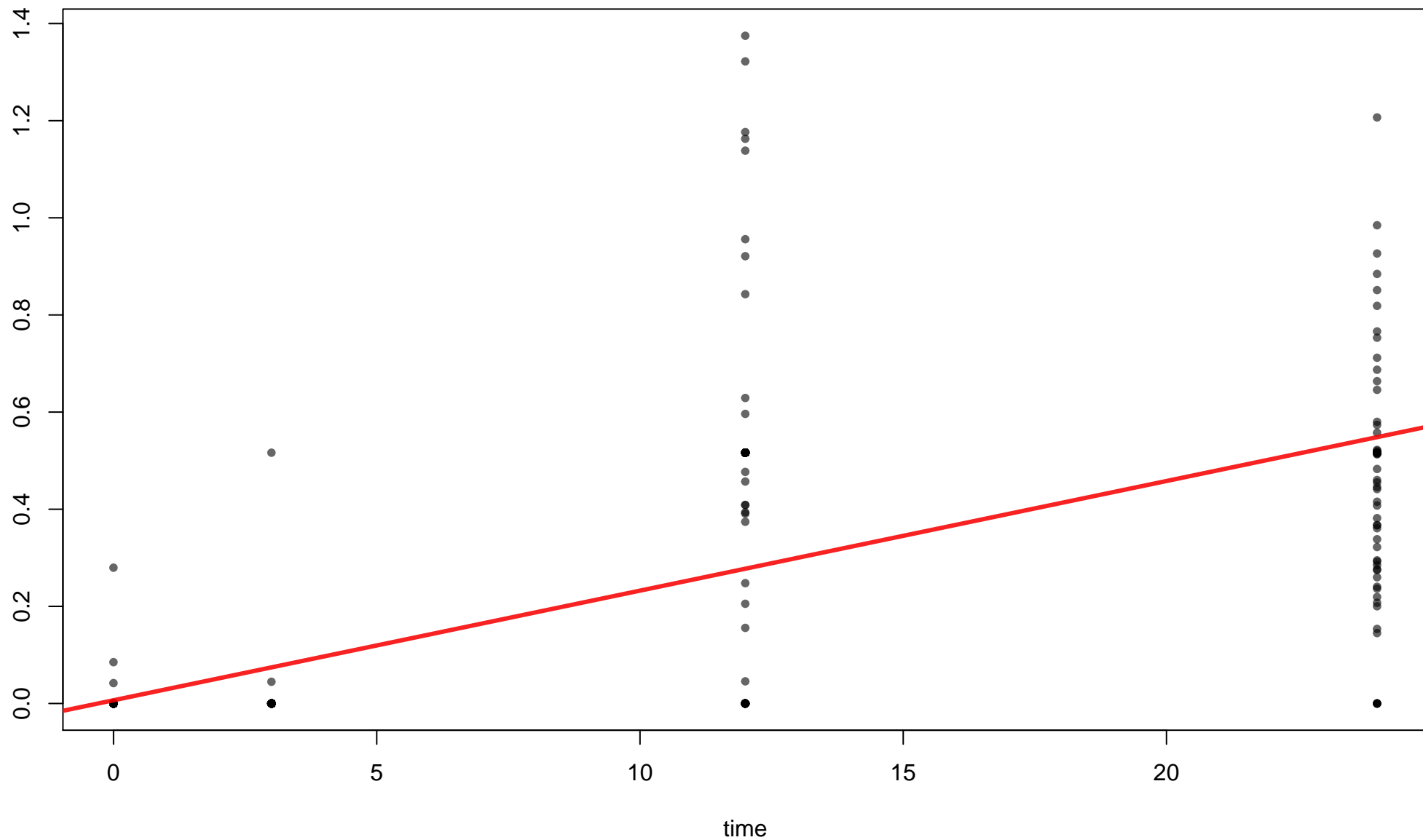


time (0.0265 sd 0.0011, p=1.37e-73, q=1.05e-70)

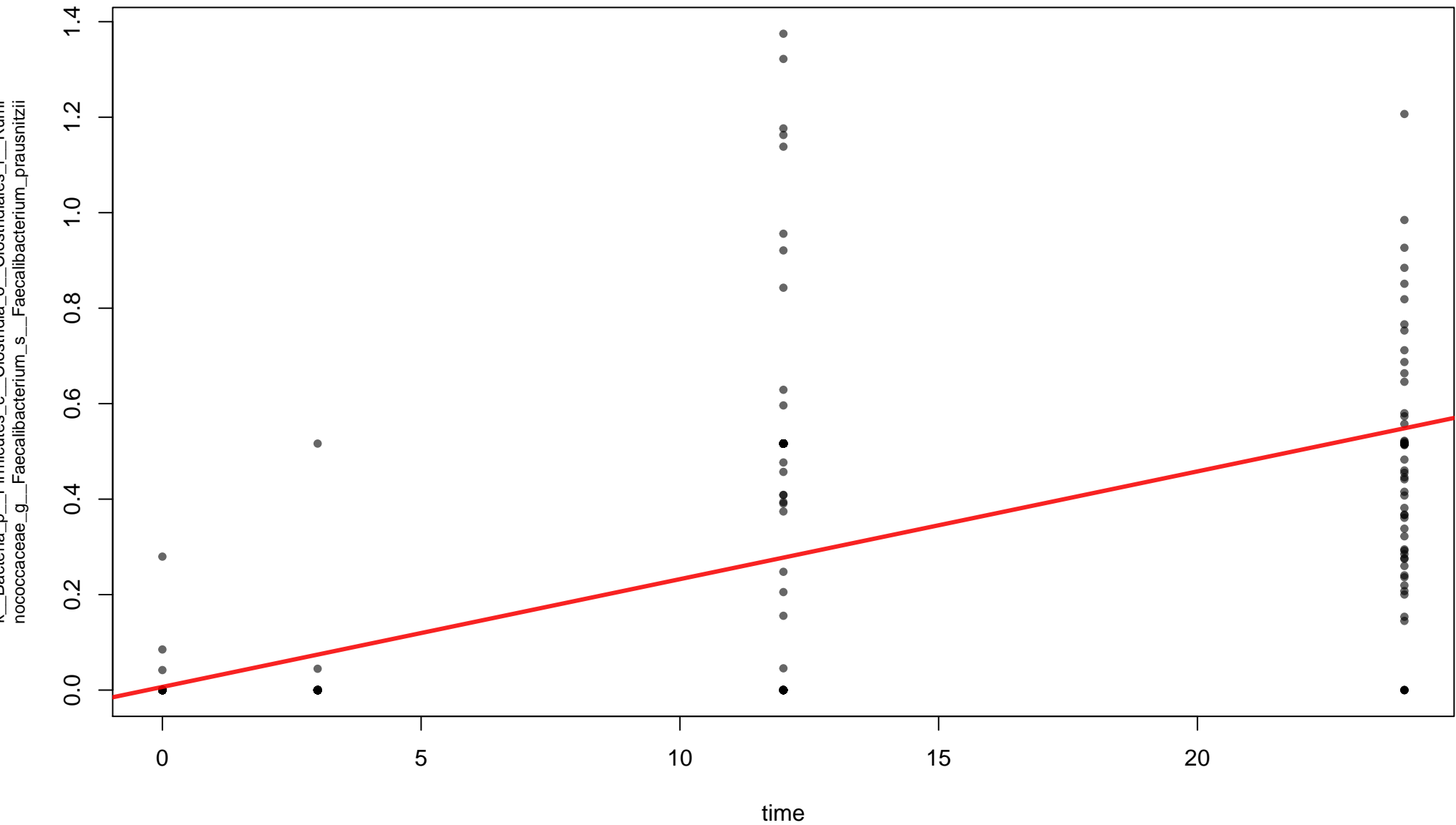


time (0.0226 sd 0.00101, p=2.31e-67, q=1.19e-64)

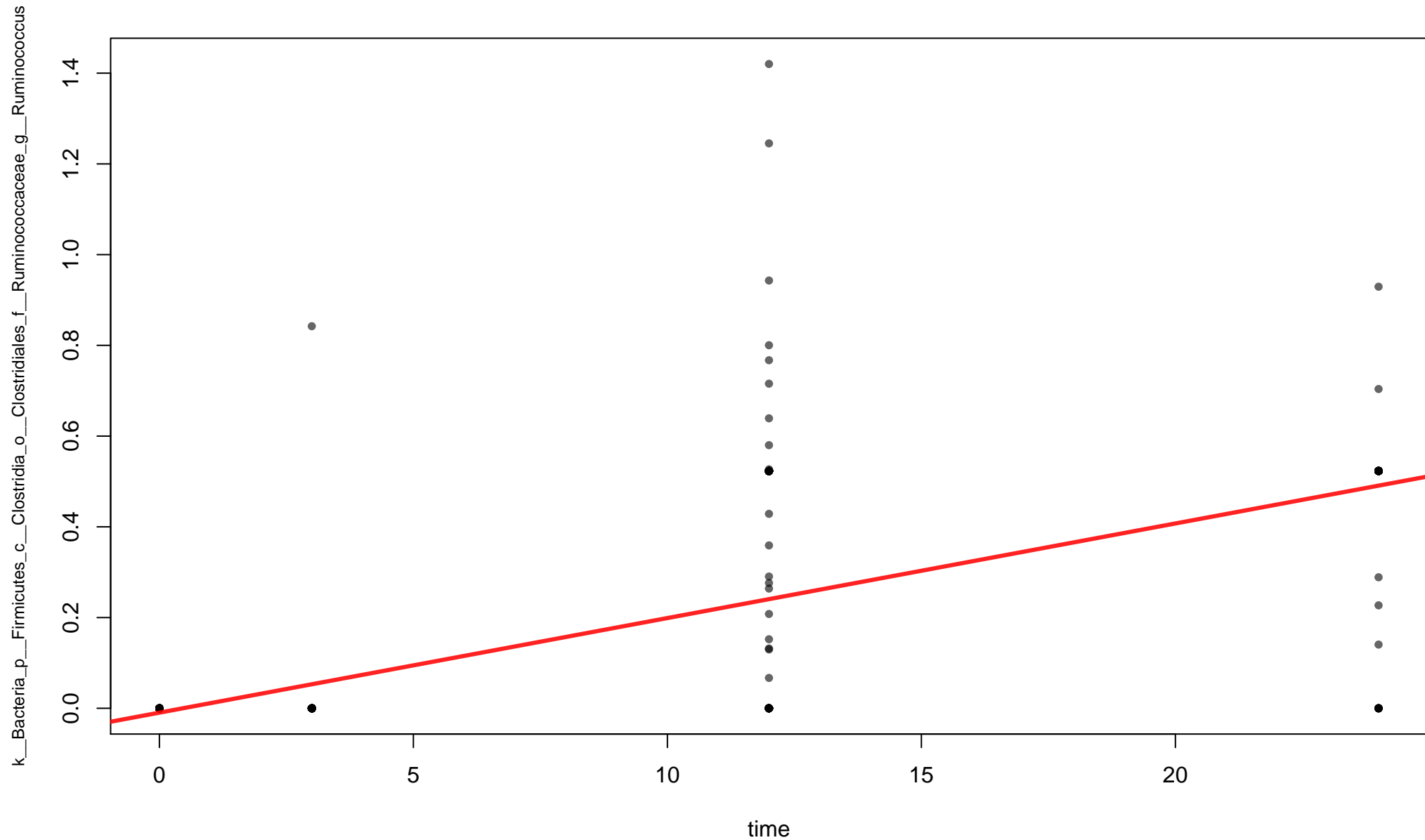
k__Bacteria_p__Firmicutes_c__Clostridia_o__Clostridiales_f__Ruminococcaceae_g__Faecalibacterium



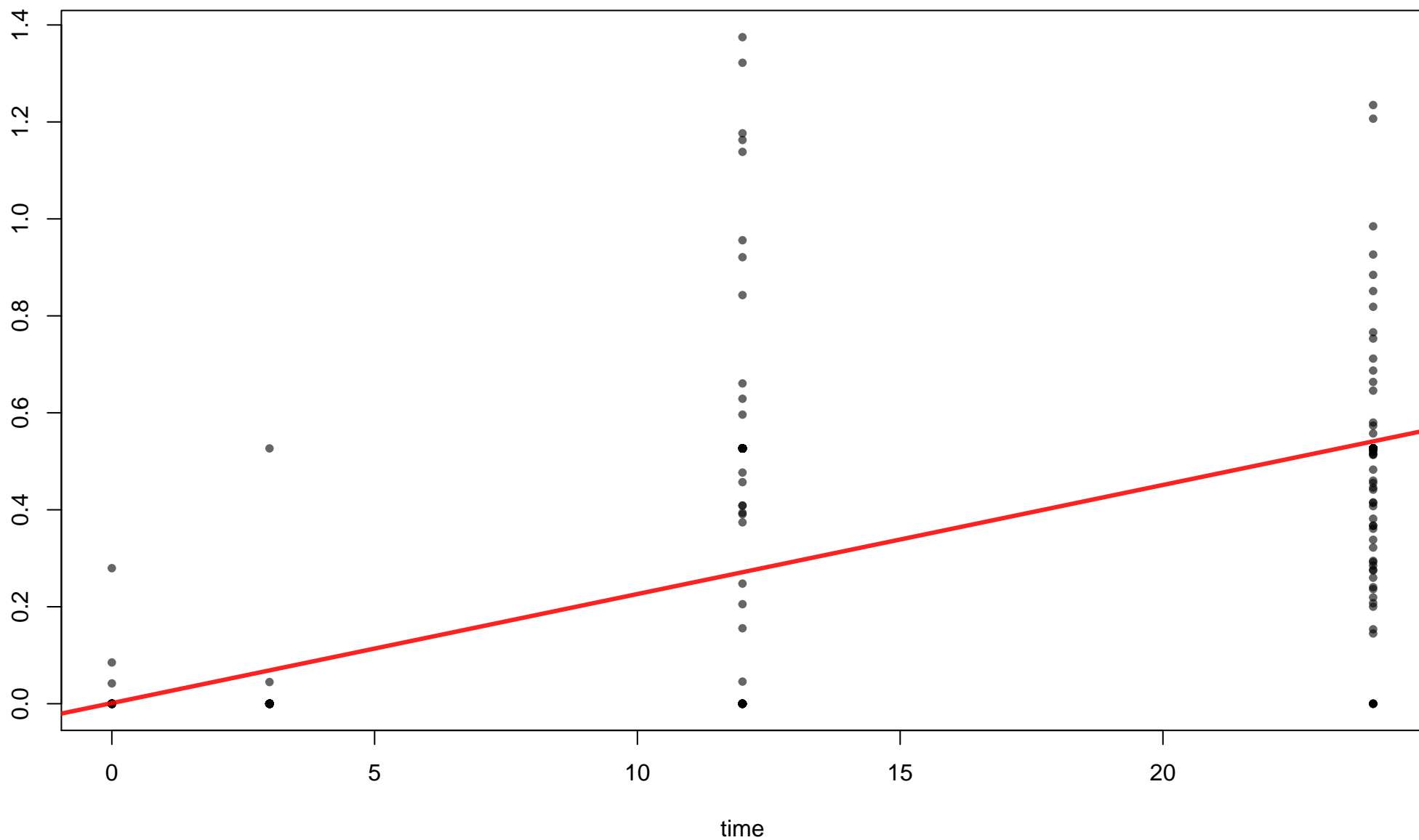
time (0.0226 sd 0.00101, p=2.31e-67, q=1.19e-64)



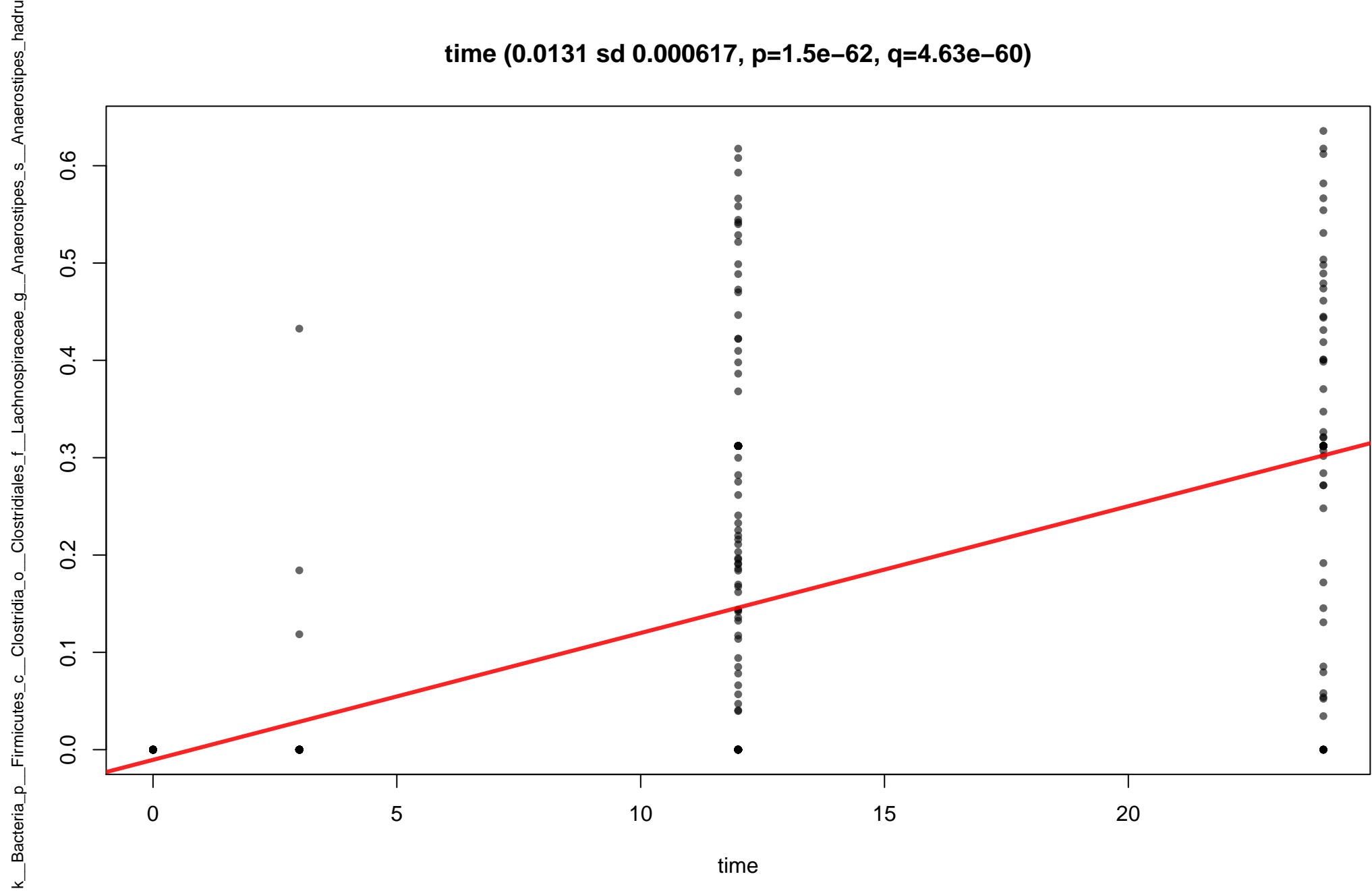
time (0.0209 sd 0.000945, p=3.92e-66, q=1.72e-63)



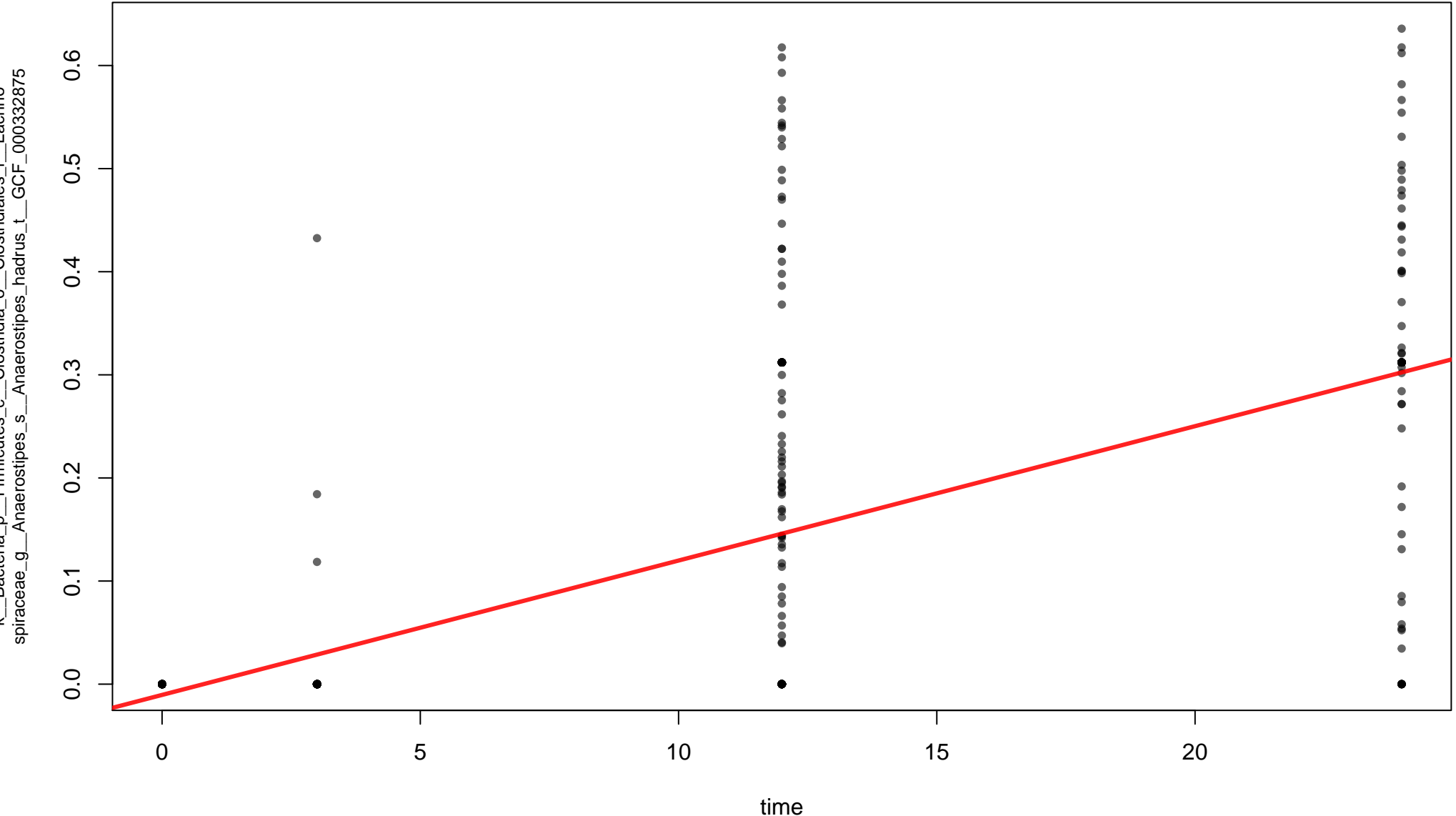
bacteria_p innocues_v glossaria_v glossariates_v faecalibacterium_prausnitzii_unclassified



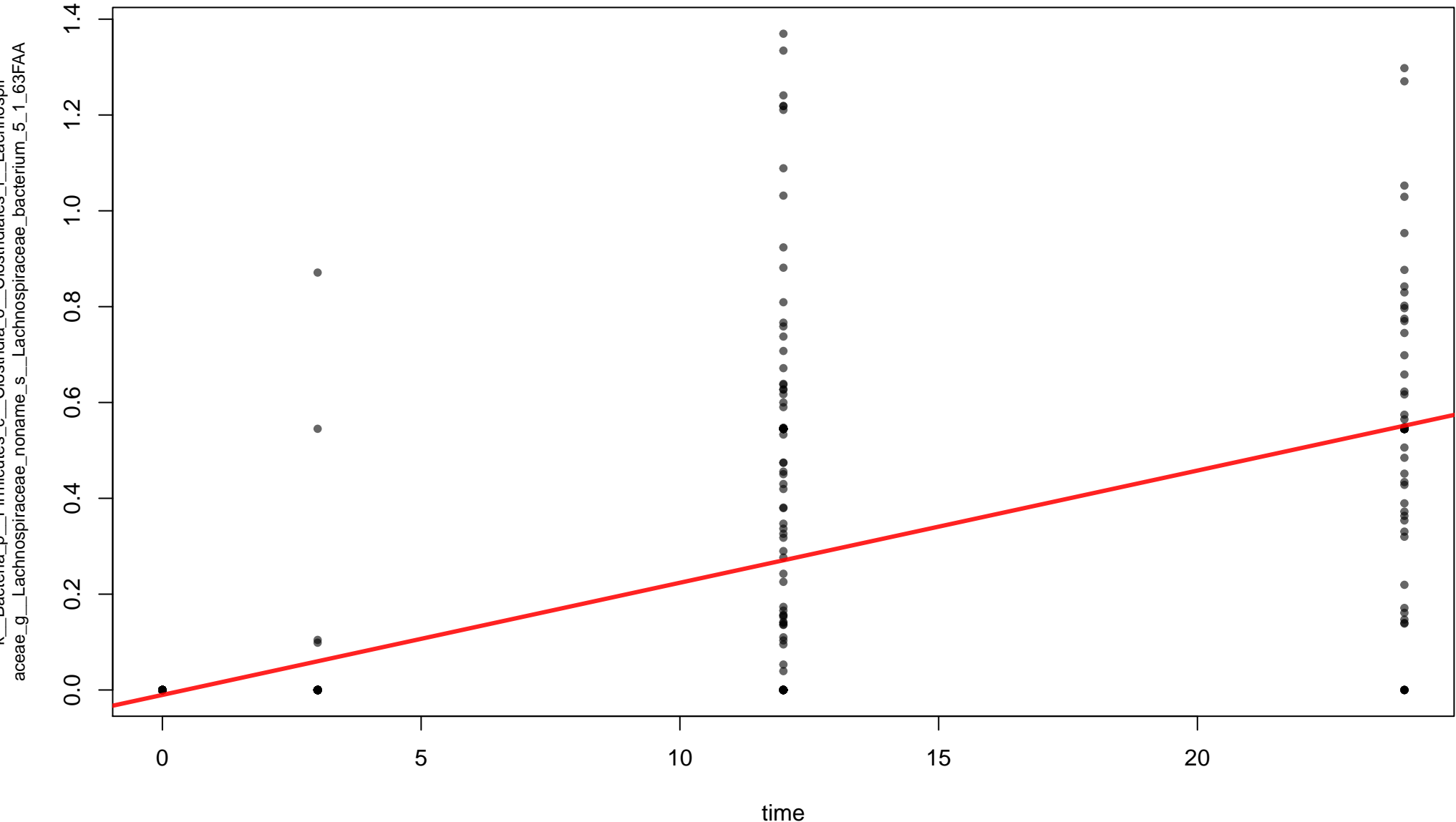
time (0.0131 sd 0.000617, p=1.5e-62, q=4.63e-60)



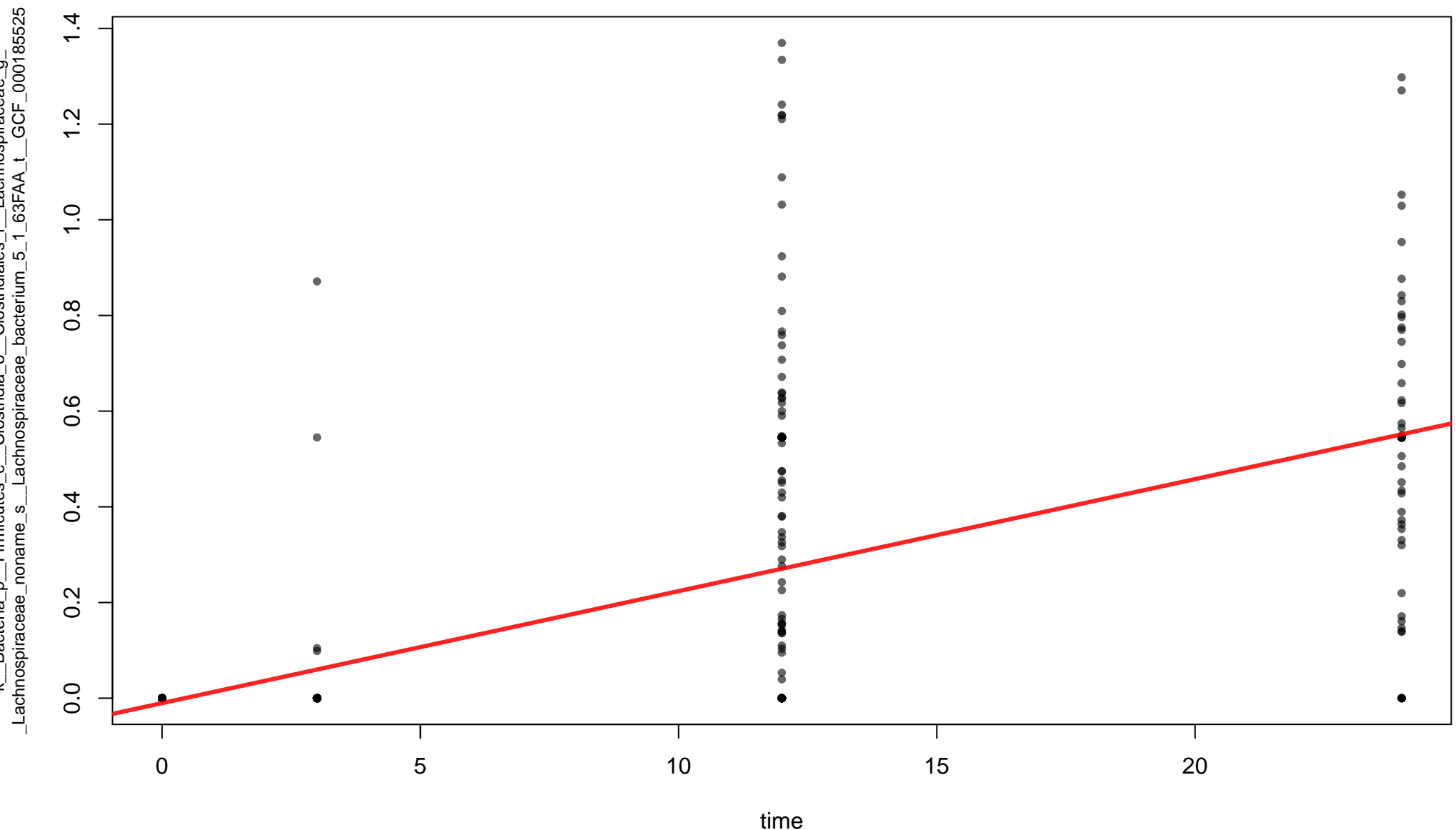
time (0.0131 sd 0.000617, p=1.5e-62, q=4.63e-60)



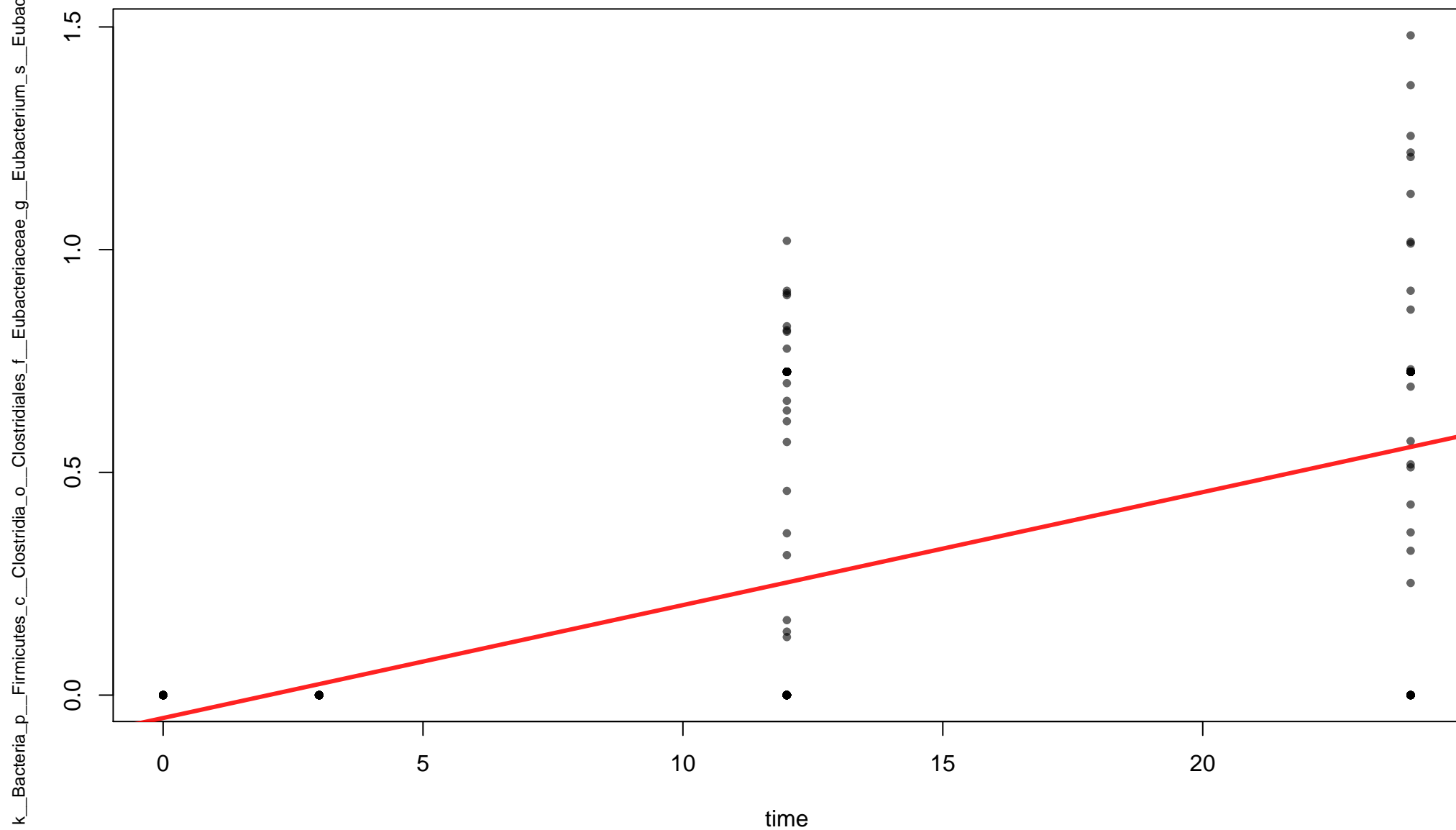
time (0.0235 sd 0.00112, p=3.03e-62, q=6.72e-60)



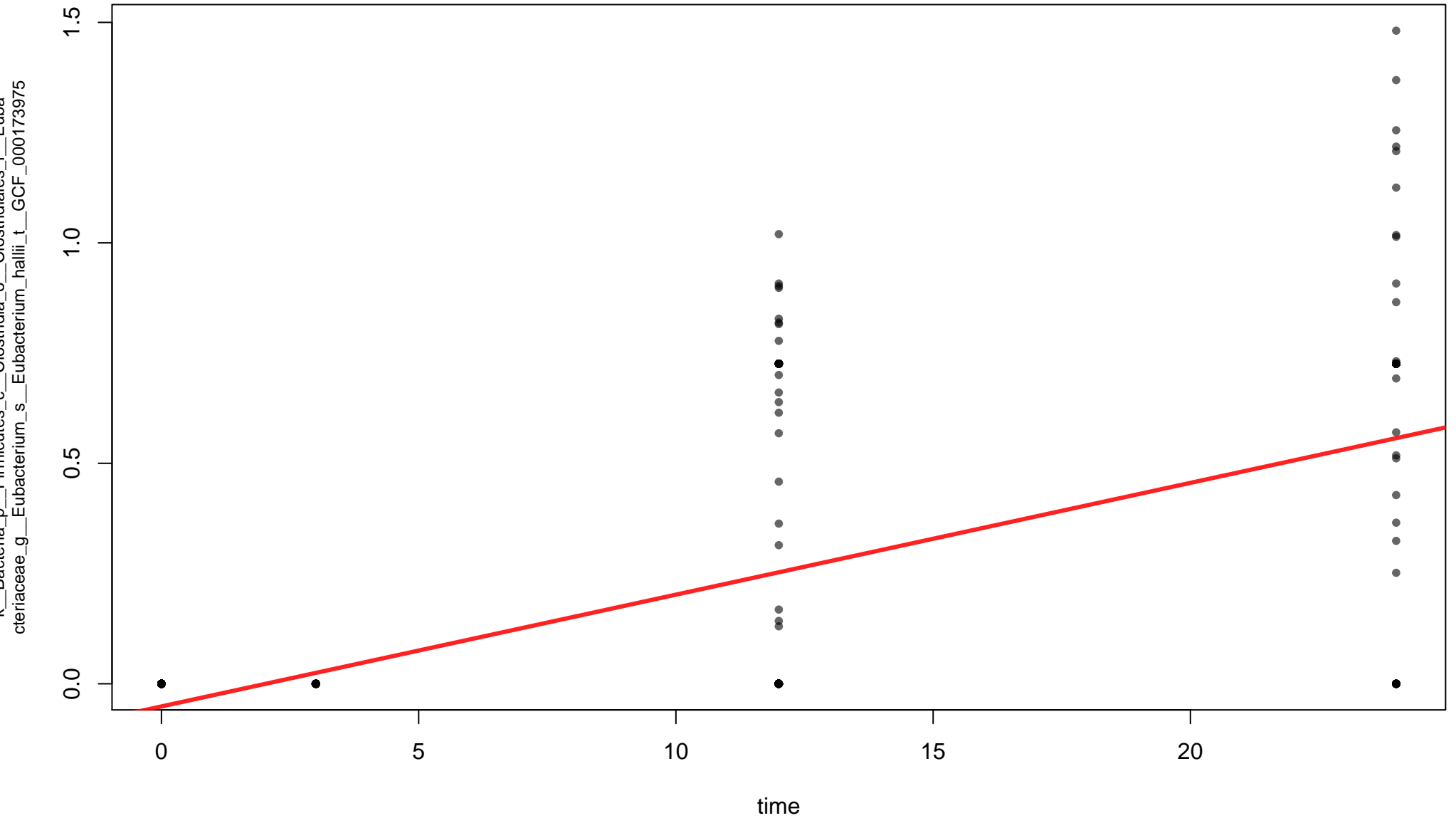
time (0.0235 sd 0.00112, p=3.03e-62, q=6.72e-60)



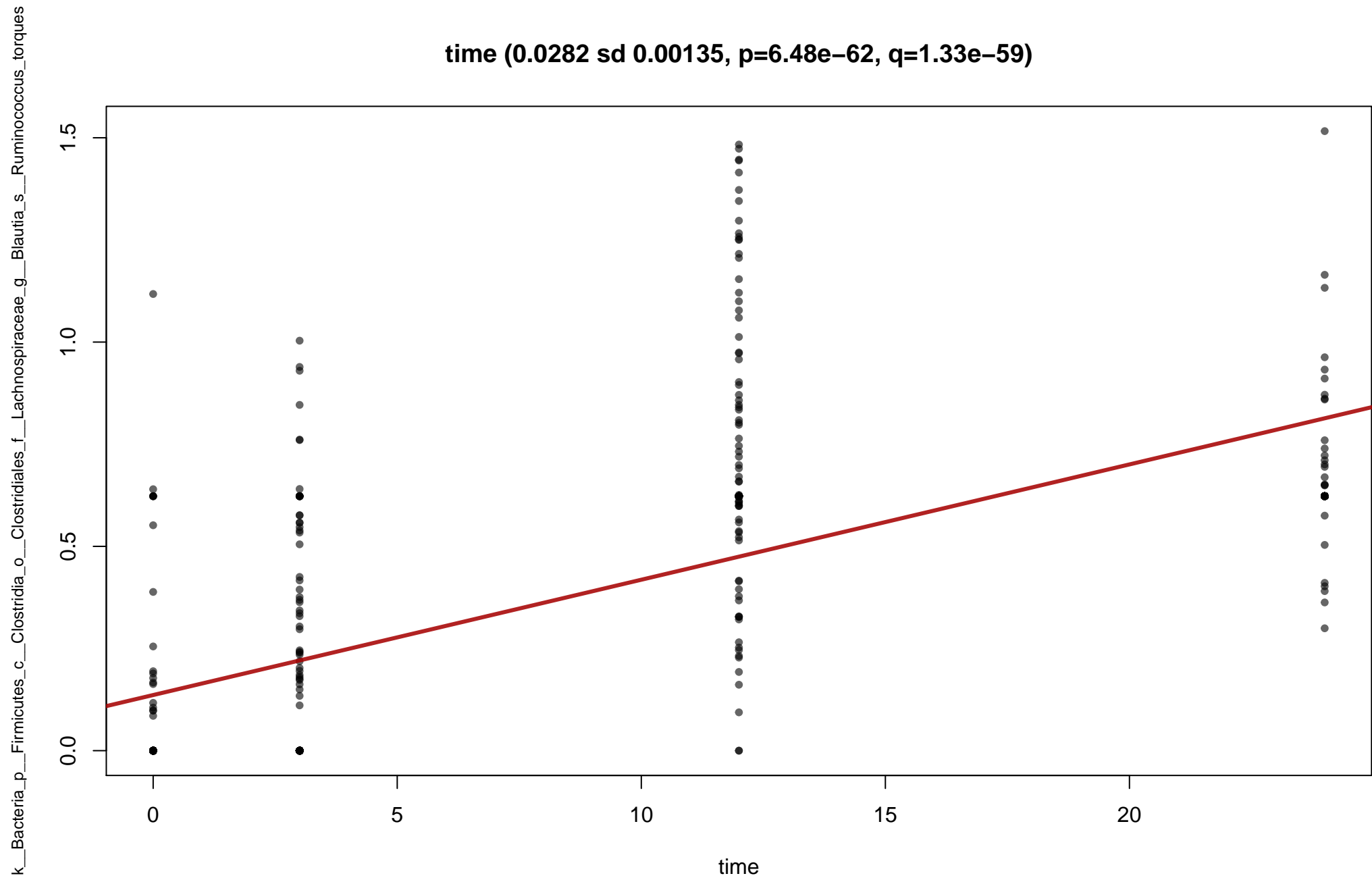
time (0.0254 sd 0.0012, p=3.06e-62, q=6.72e-60)



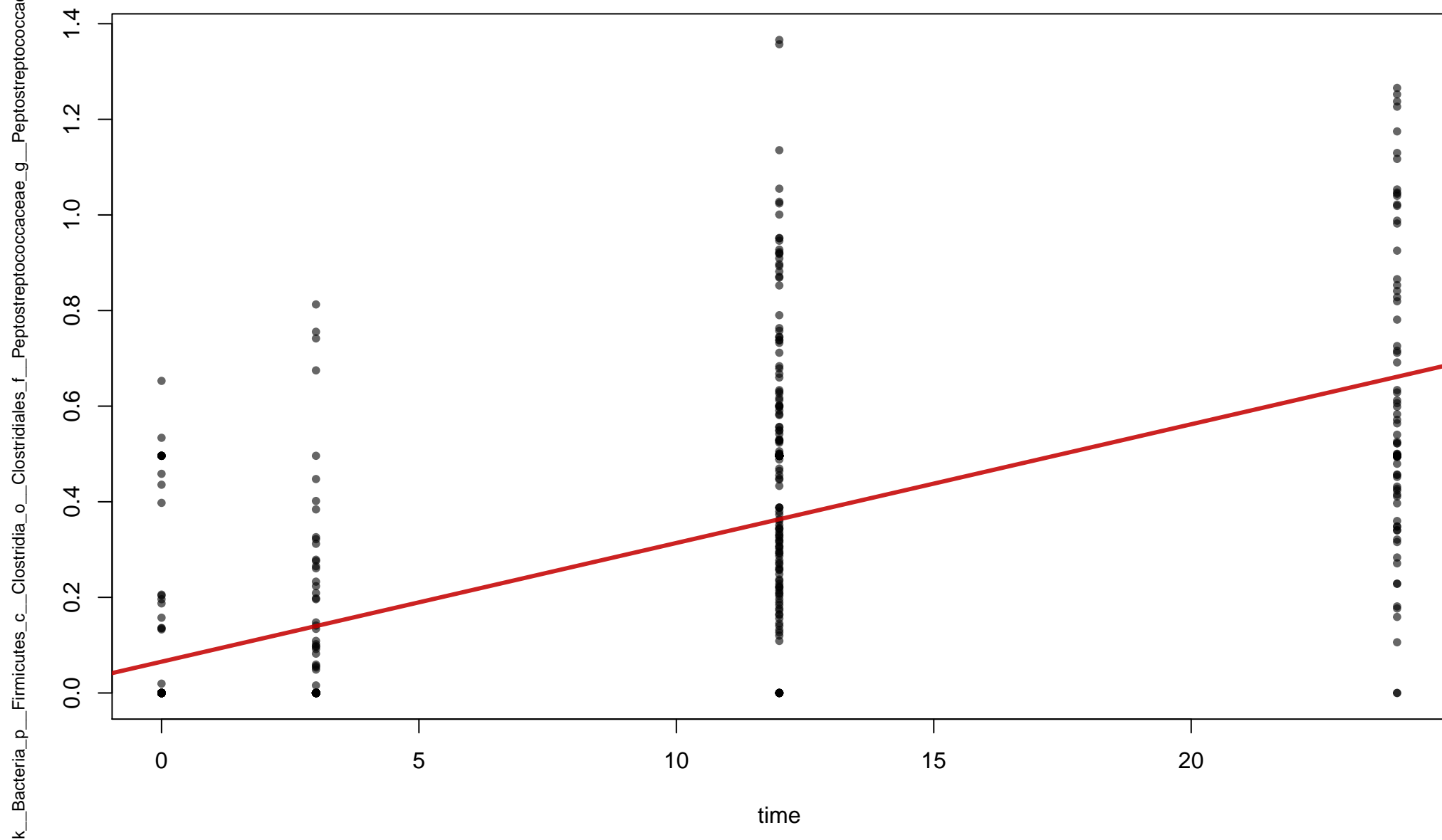
time (0.0254 sd 0.0012, p=3.06e-62, q=6.72e-60)



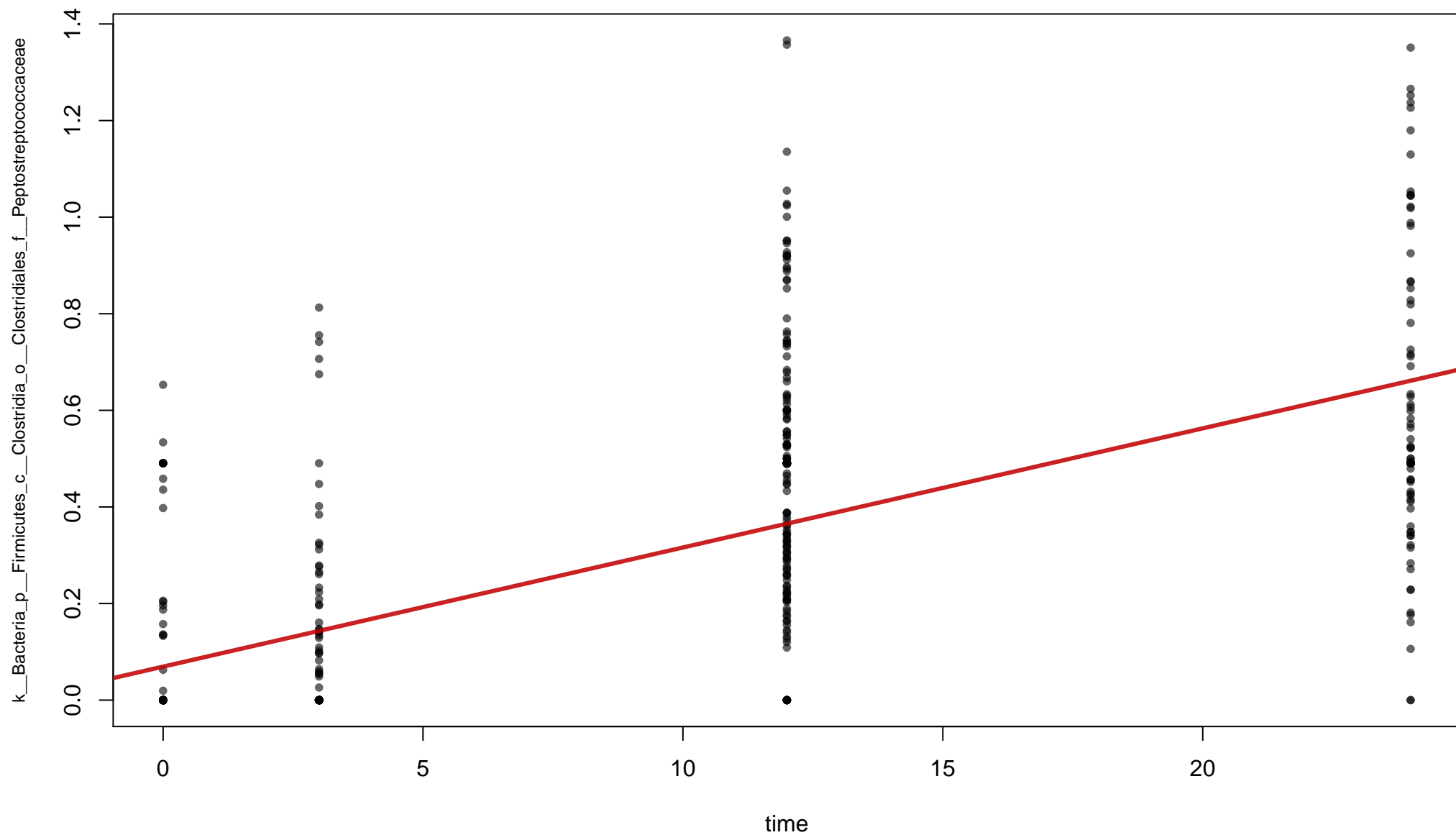
time (0.0282 sd 0.00135, p=6.48e-62, q=1.33e-59)



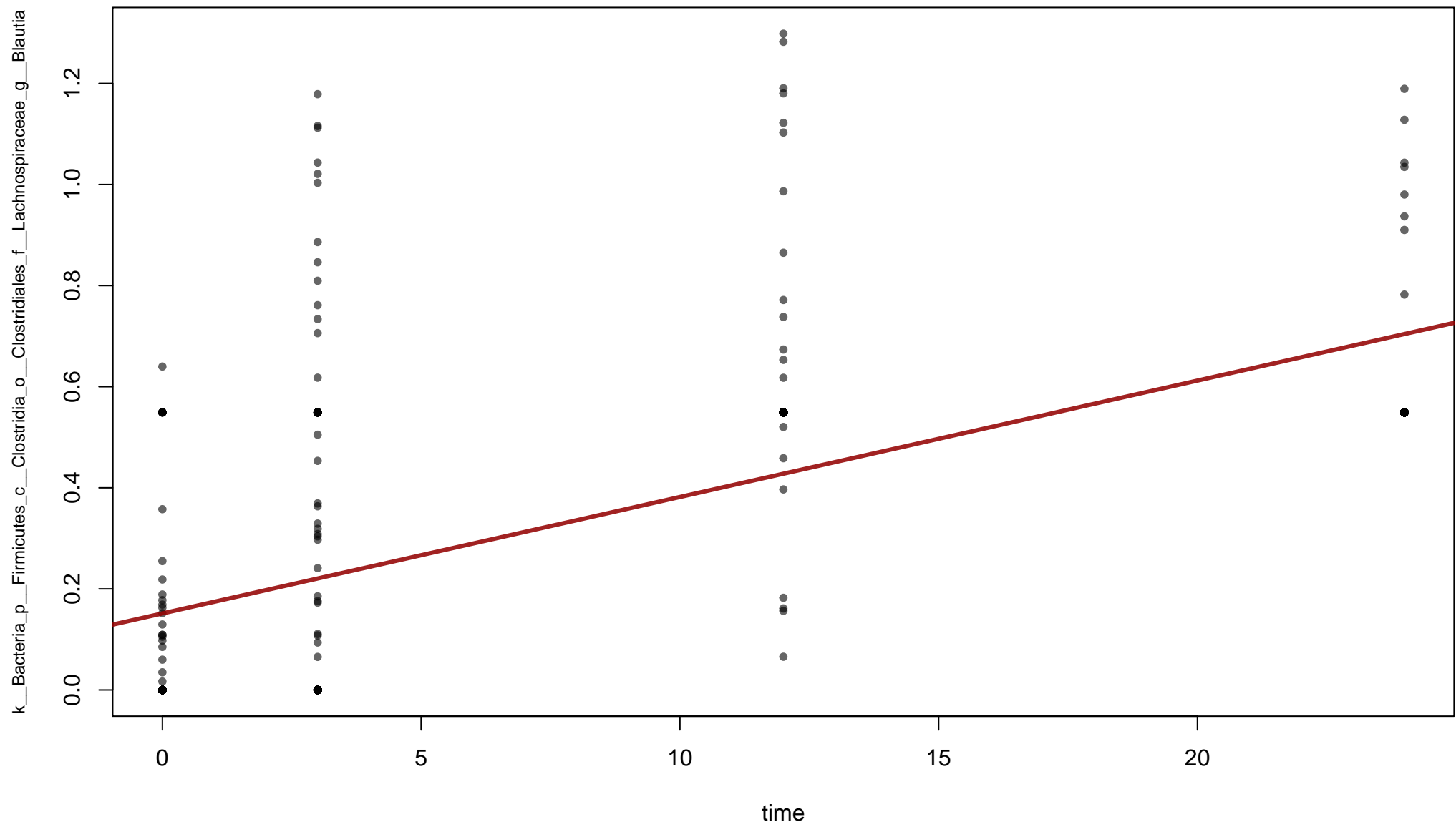
time (0.0248 sd 0.0012, p=1.15e-60, q=2.22e-58)



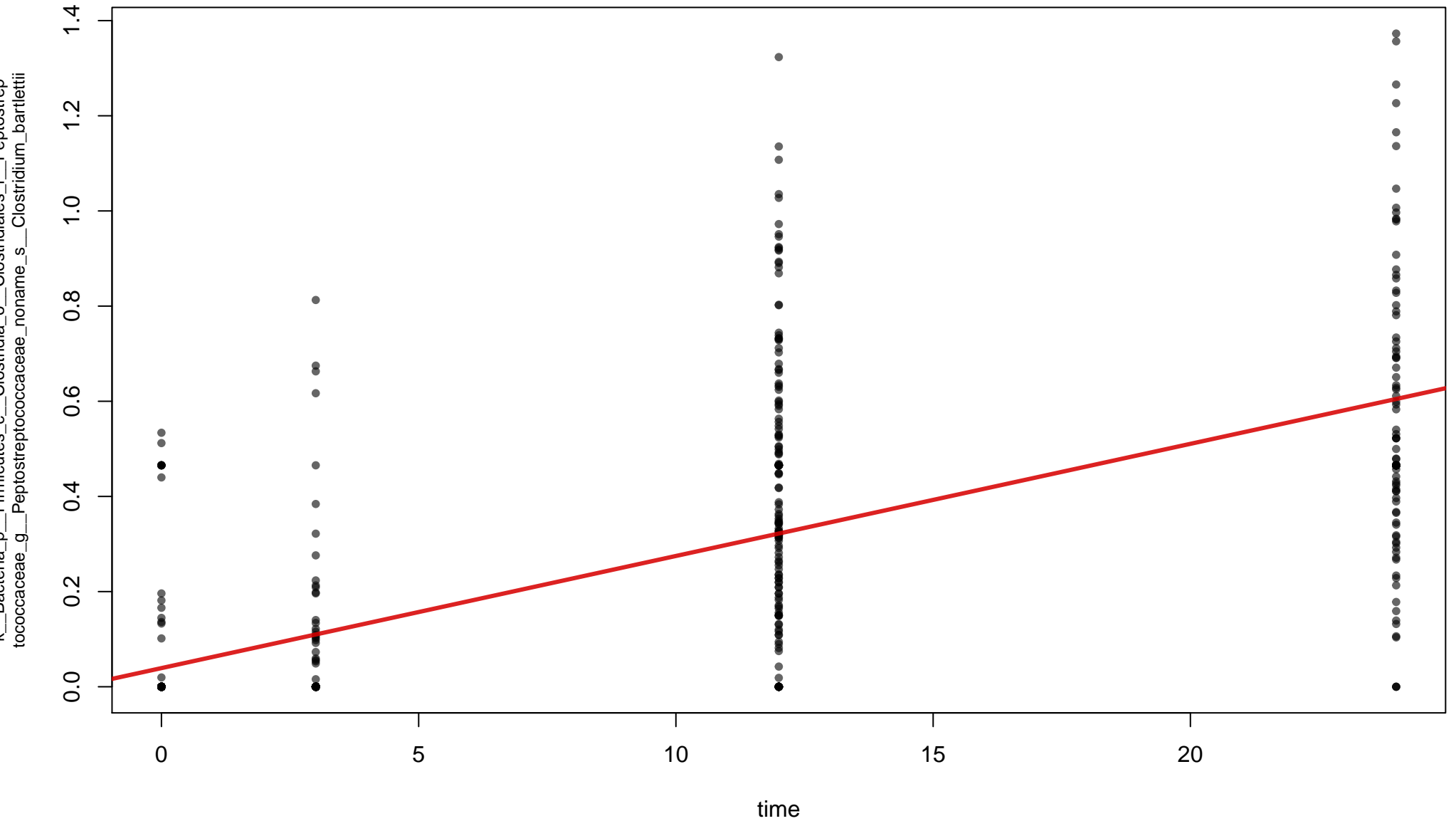
time (0.0246 sd 0.00121, p=1.78e-59, q=3.21e-57)



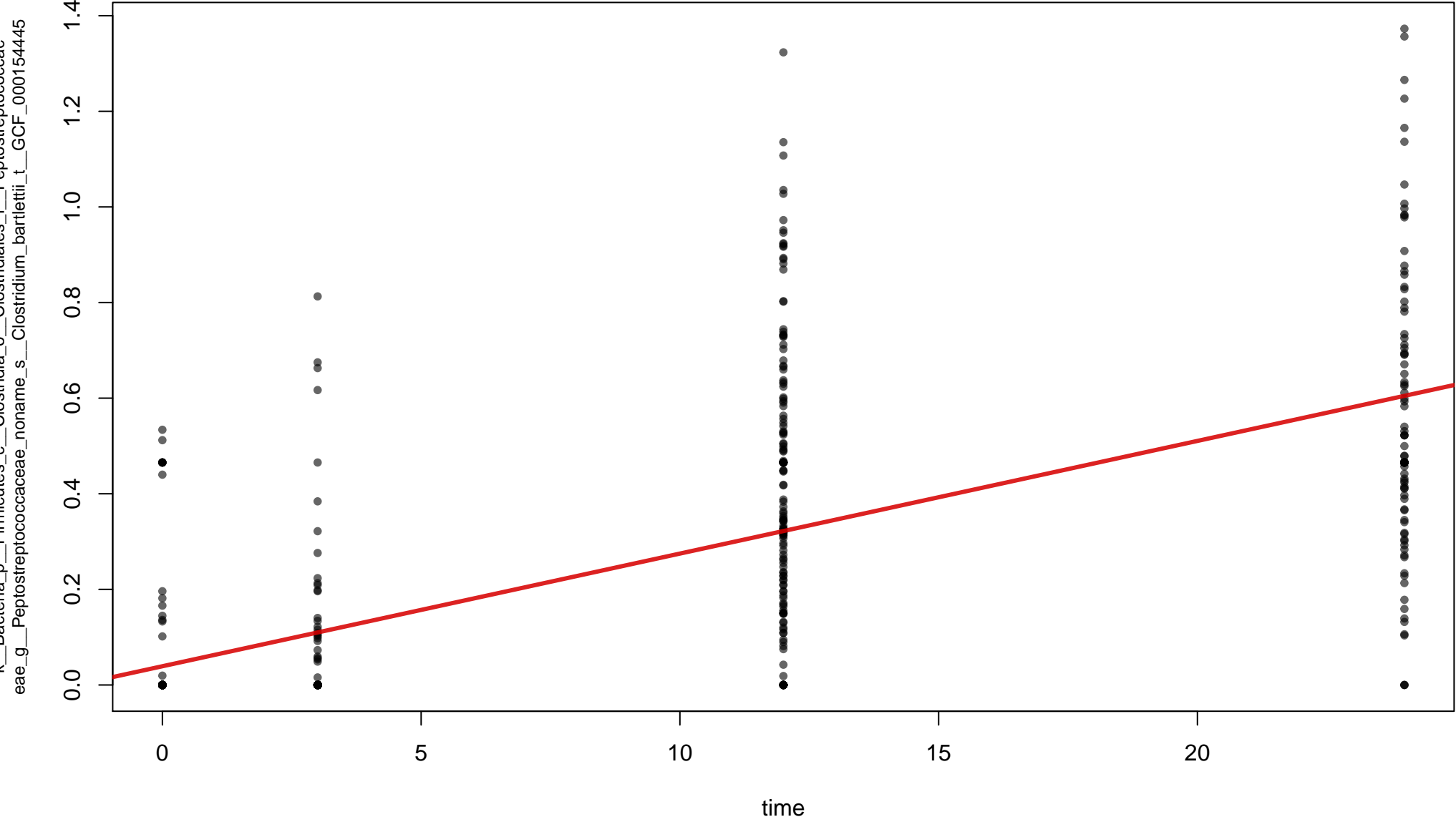
time (0.0231 sd 0.00115, p=1.38e-58, q=2.36e-56)



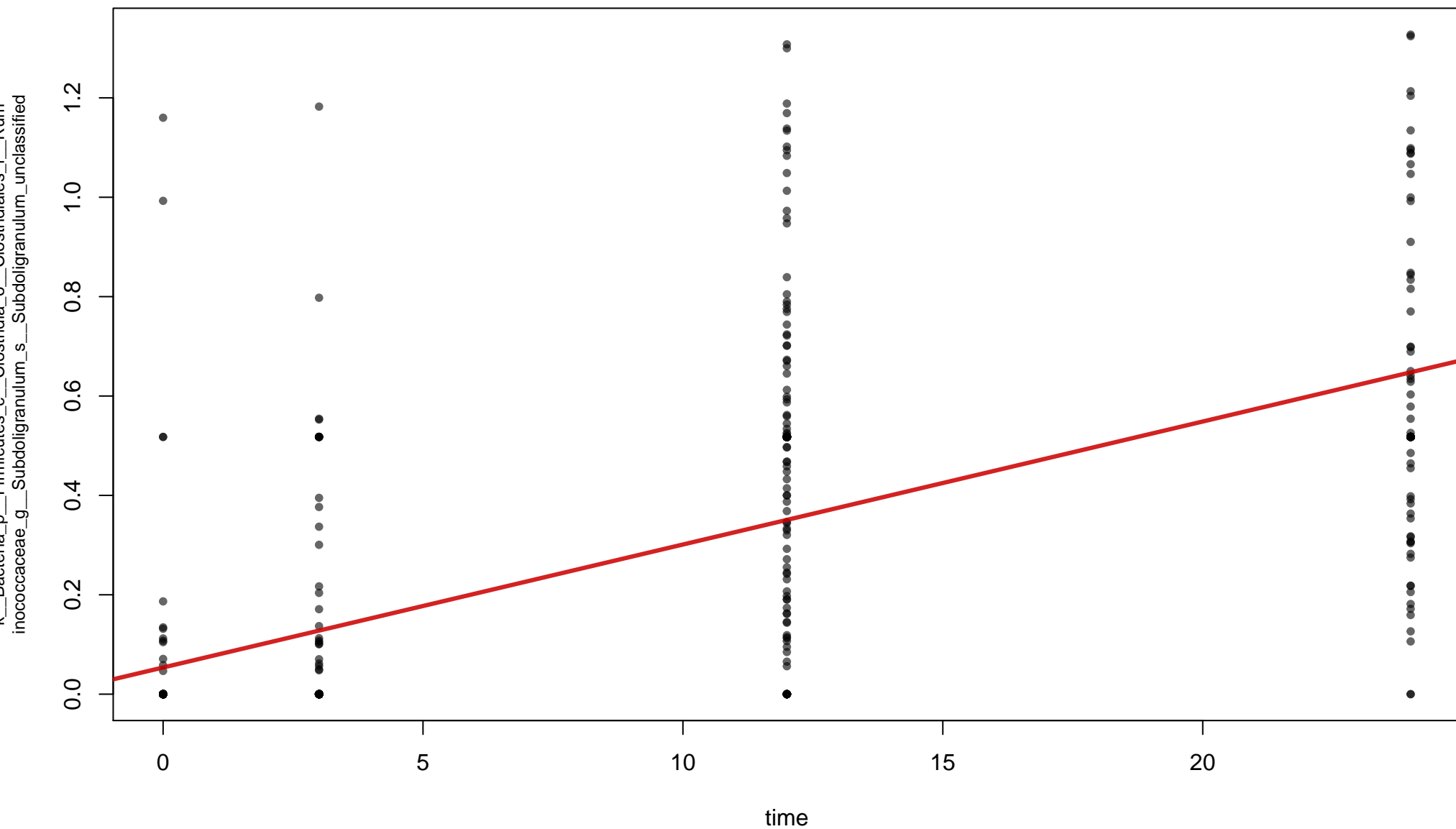
time (0.0235 sd 0.00118, p=6.51e-58, q=1e-55)



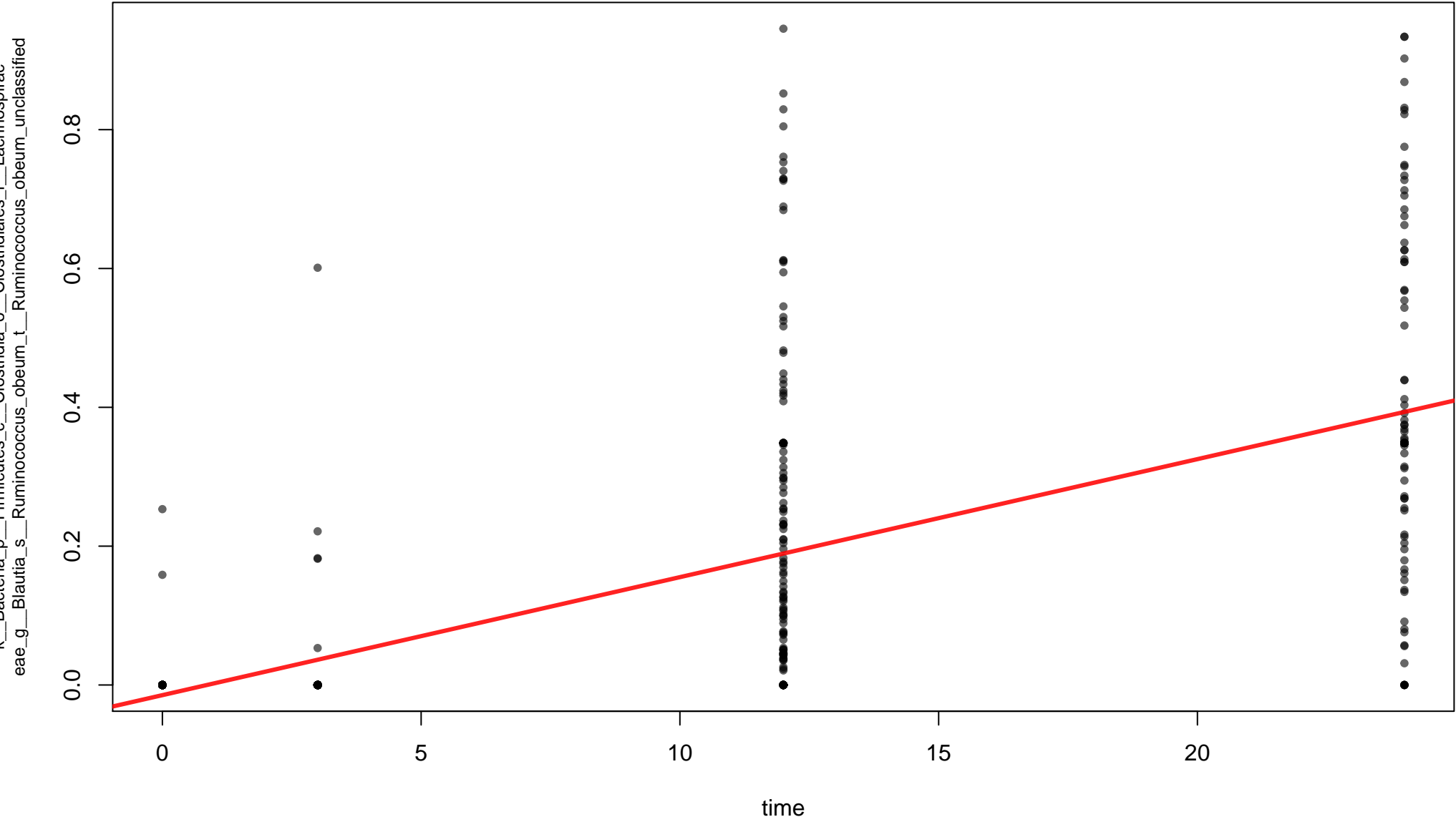
time (0.0235 sd 0.00118, p=6.51e-58, q=1e-55)



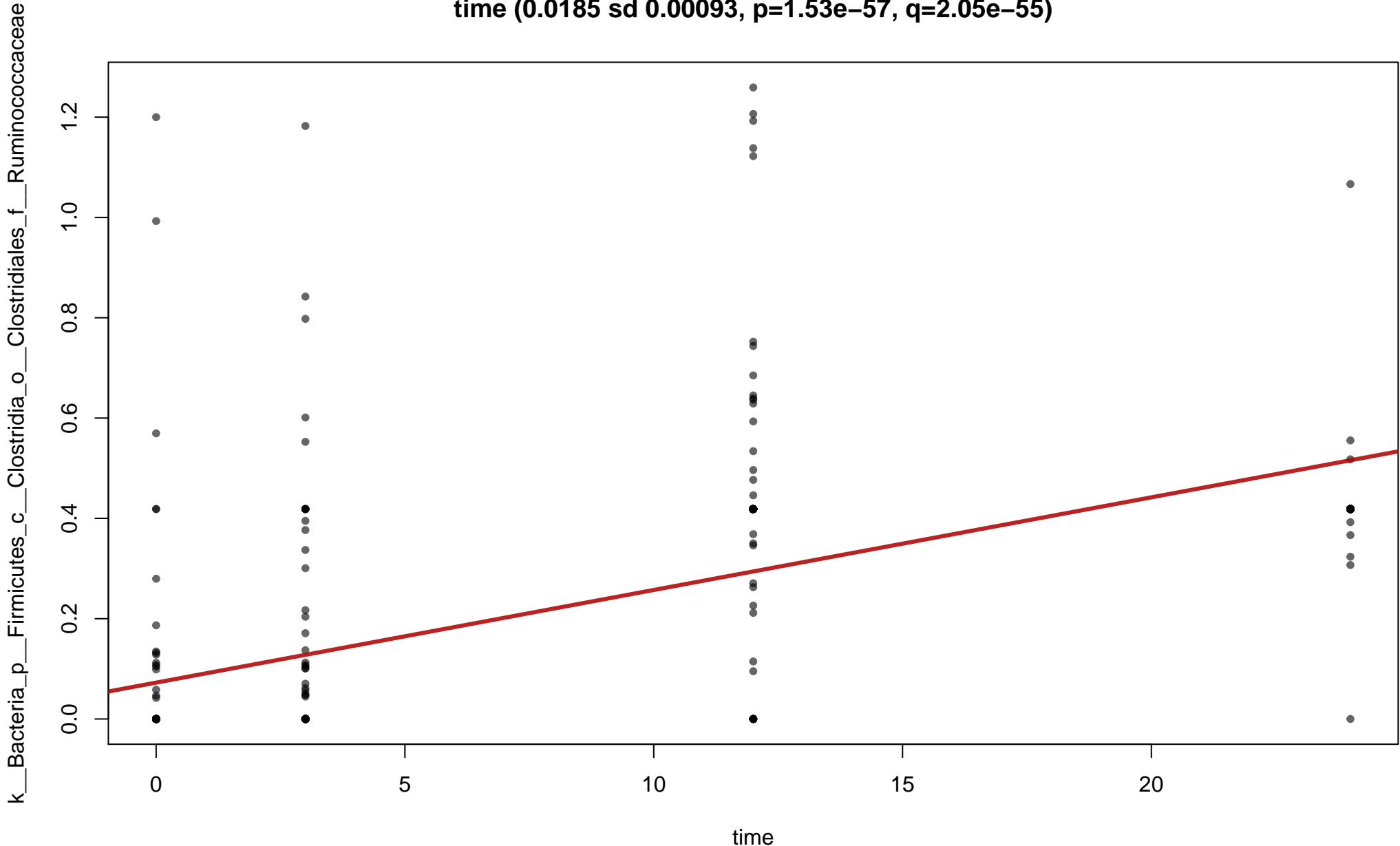
time (0.0248 sd 0.00124, p=7.07e-58, q=1.04e-55)



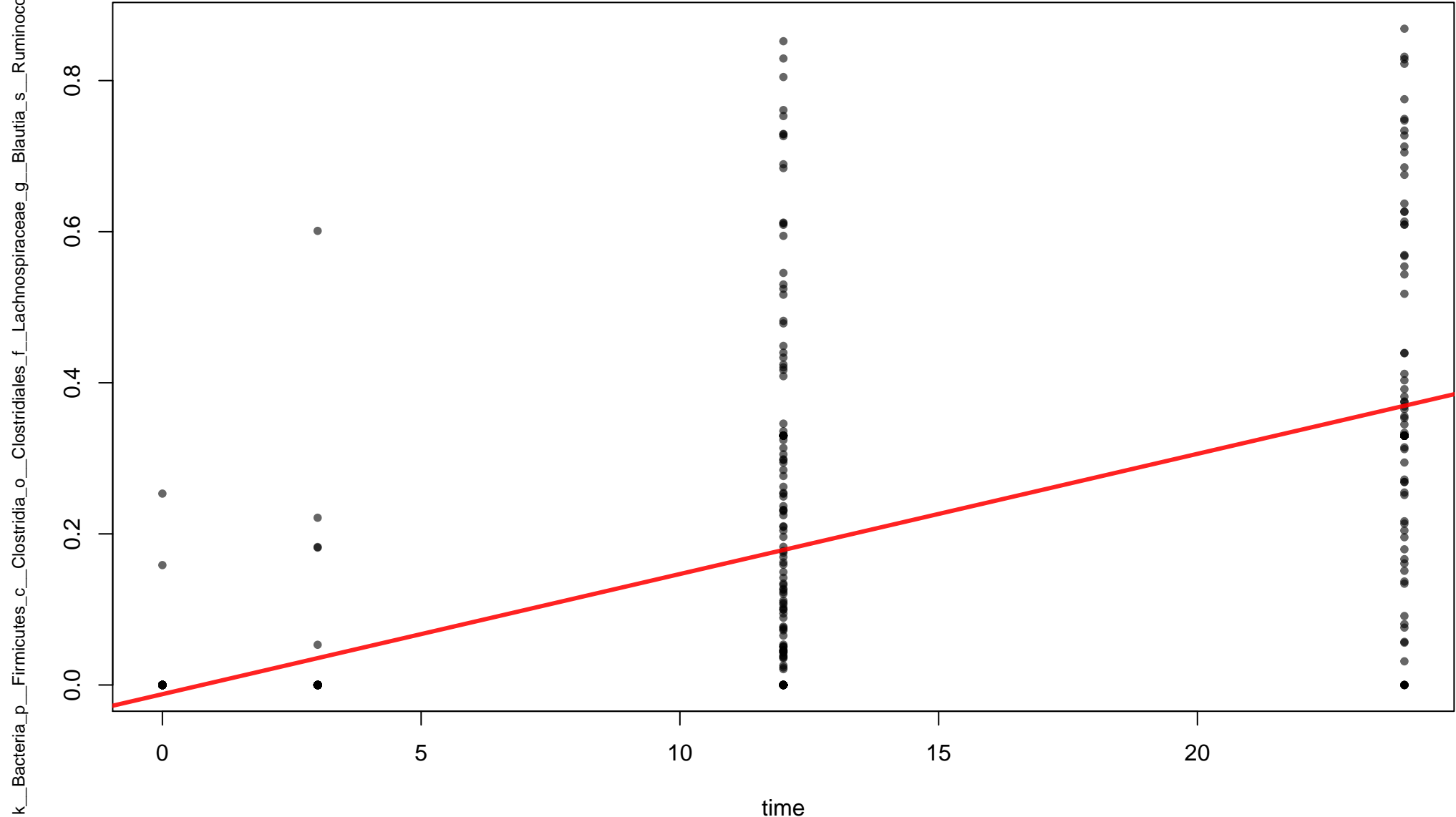
time (0.017 sd 0.000853, p=8.51e-58, q=1.19e-55)



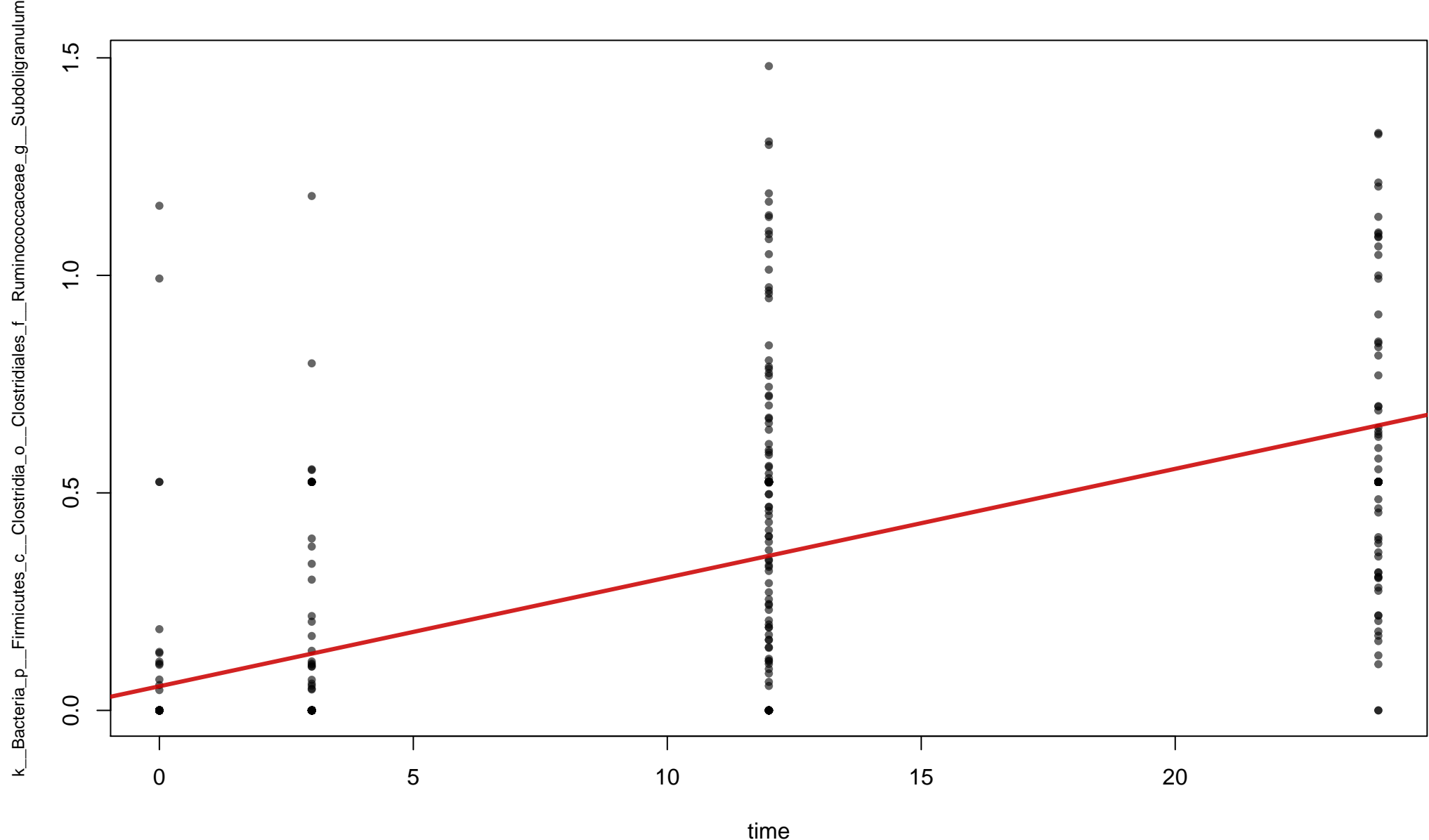
time (0.0185 sd 0.00093, p=1.53e-57, q=2.05e-55)



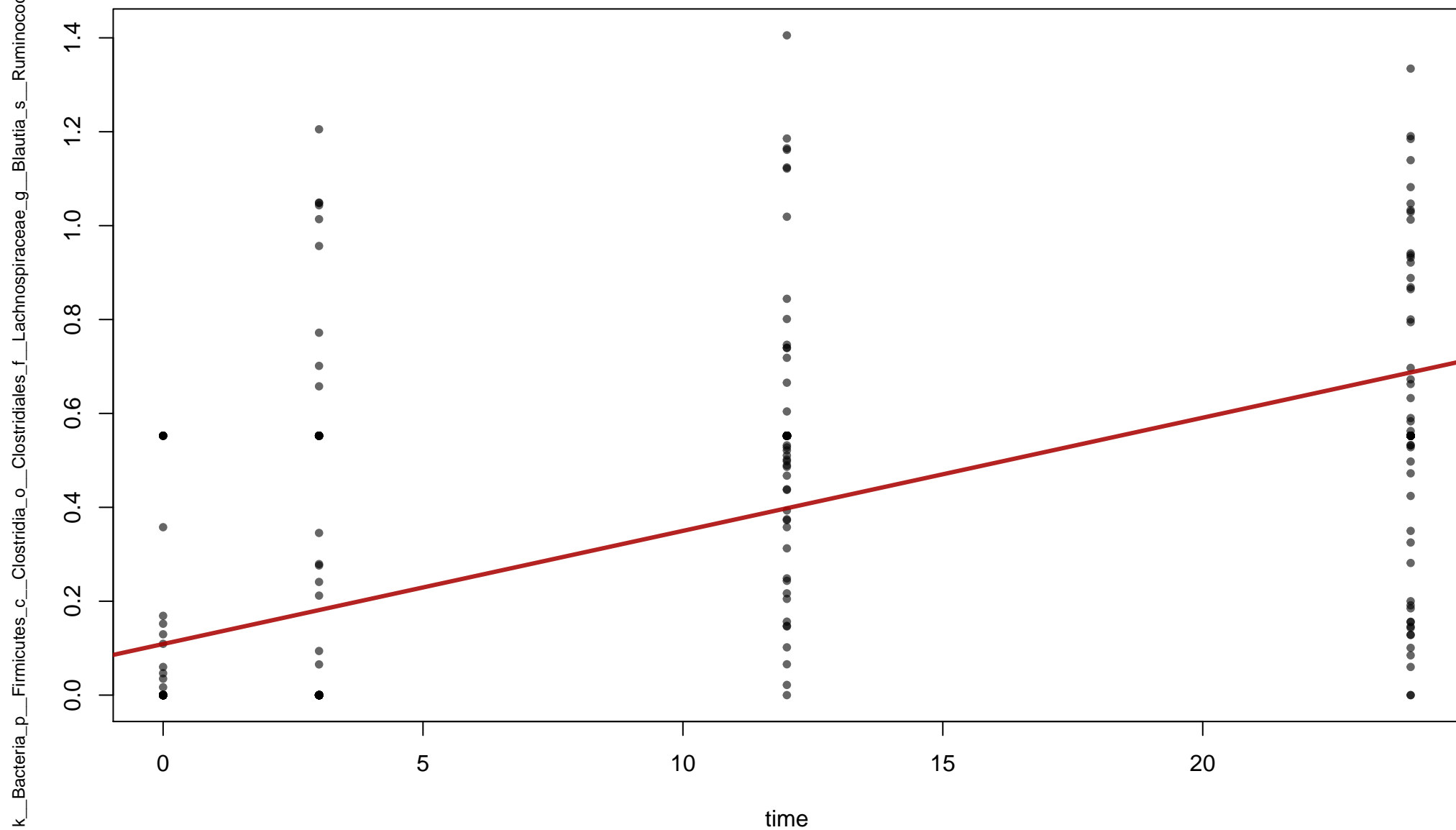
time (0.0159 sd 0.000802, p=1.71e-57, q=2.2e-55)



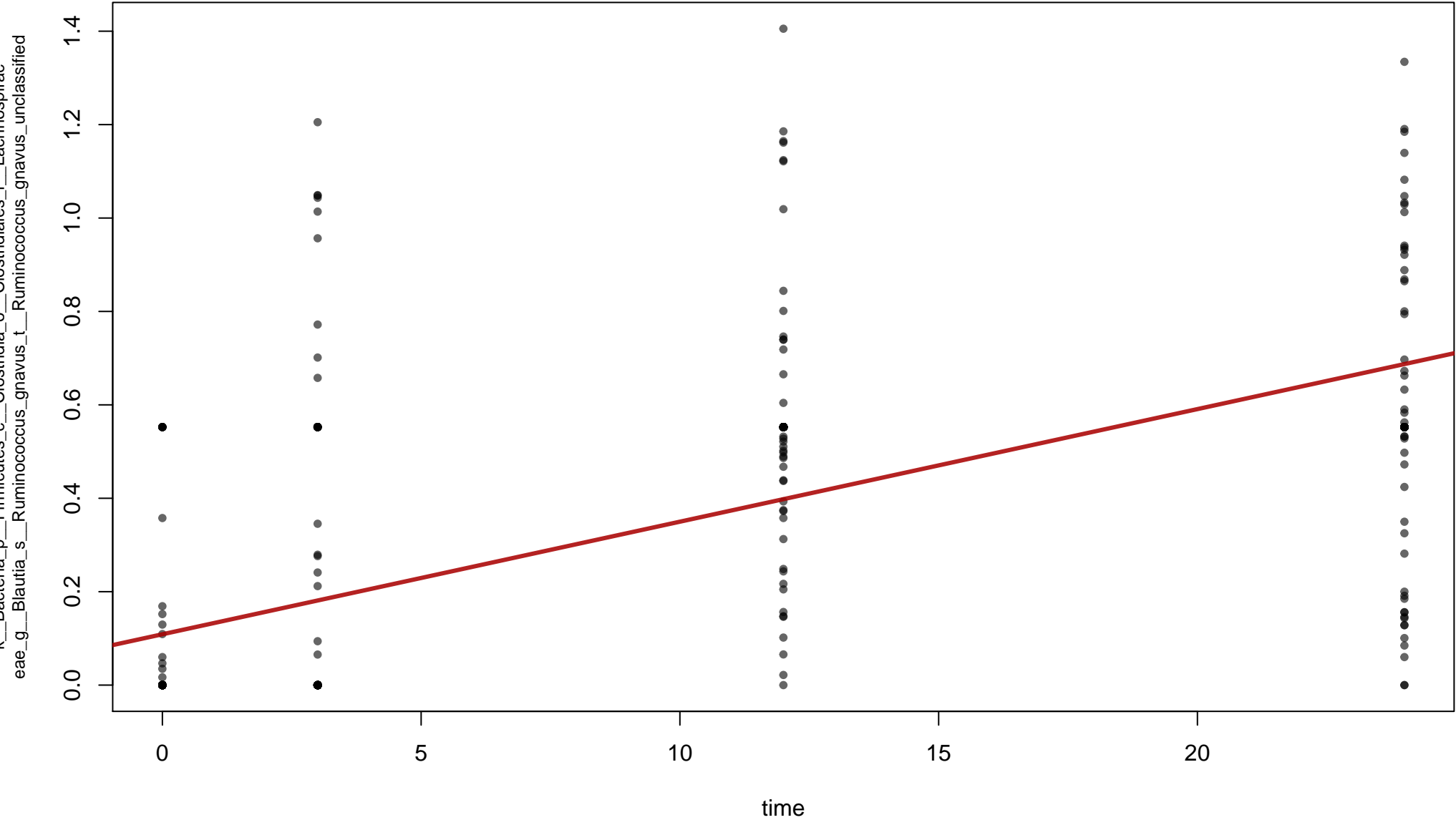
time (0.025 sd 0.00128, p=1.47e-56, q=1.8e-54)



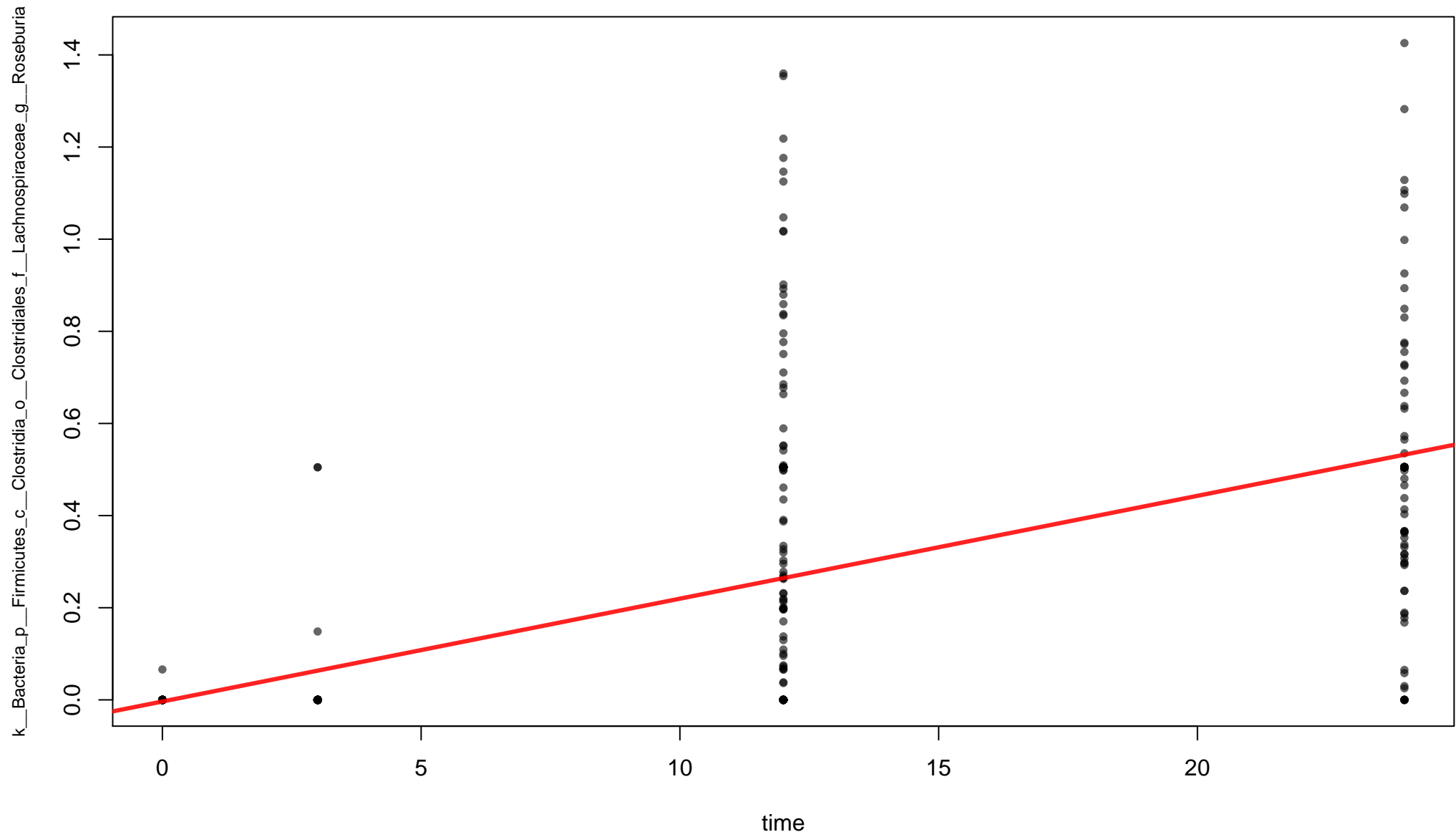
time (0.0241 sd 0.00123, p=1.96e-56, q=2.23e-54)



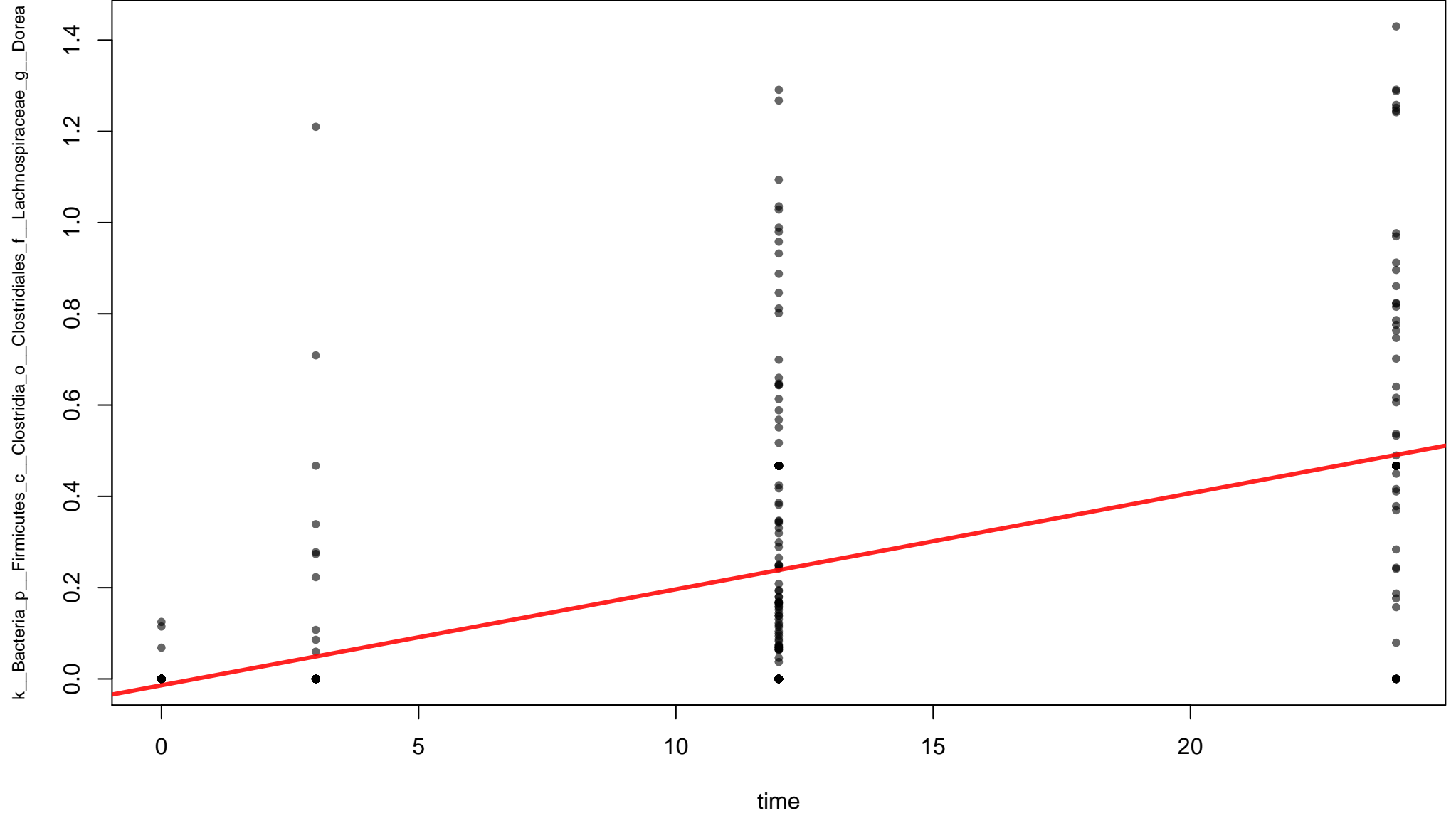
time (0.0241 sd 0.00123, p=1.96e-56, q=2.23e-54)



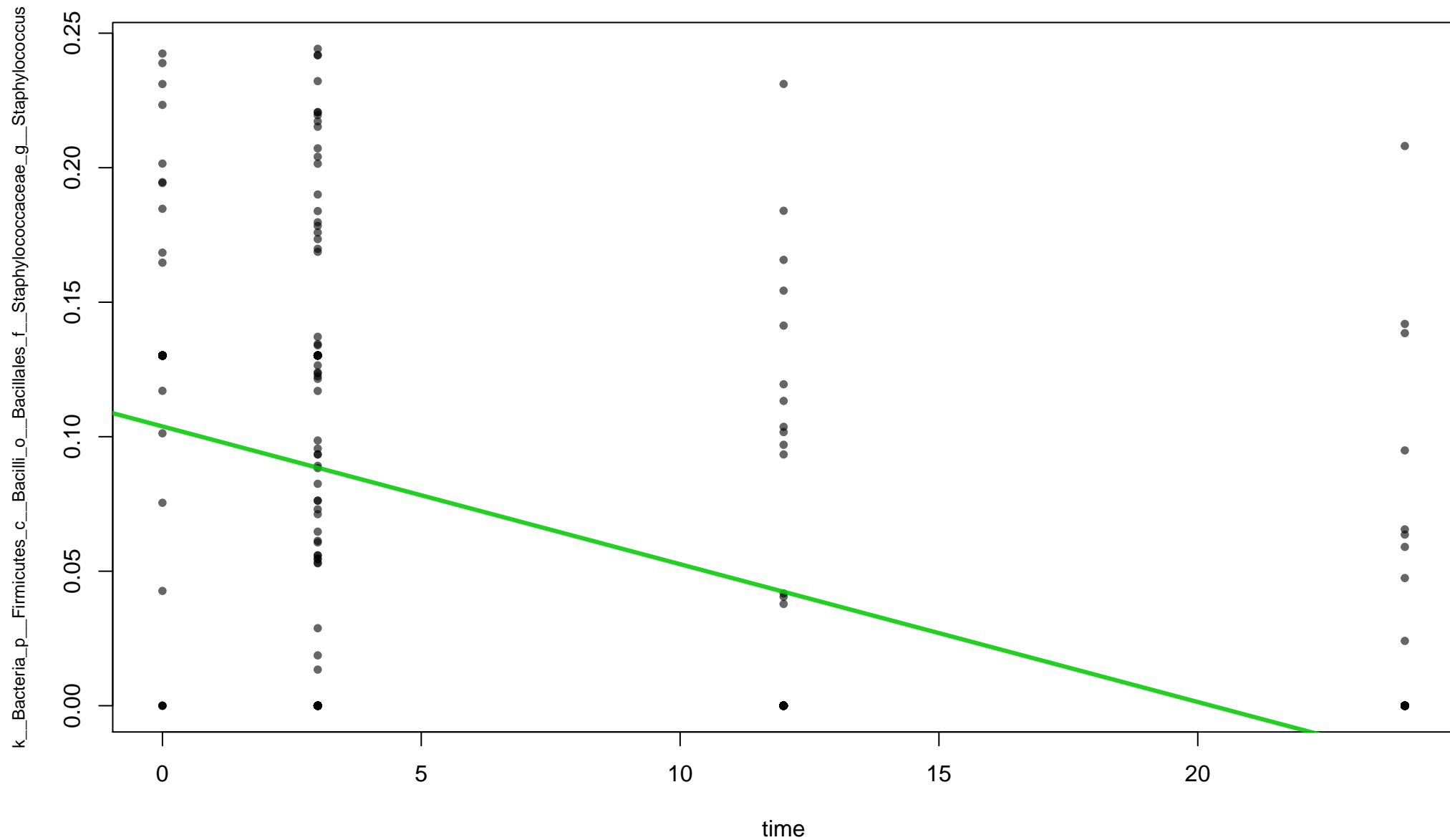
time (0.0223 sd 0.00116, p=2.07e-55, q=2.28e-53)



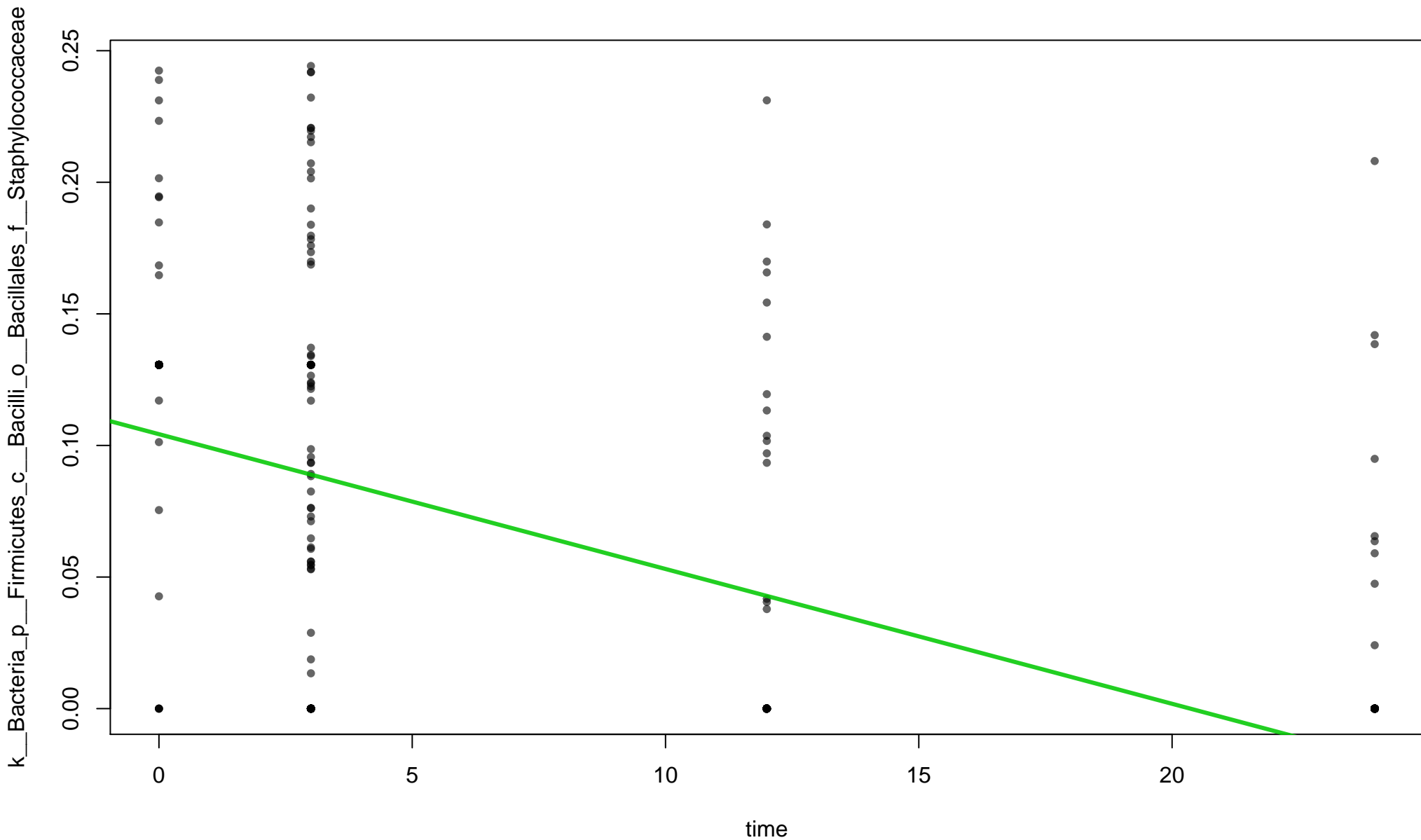
time (0.021 sd 0.00113, p=1.59e-52, q=1.69e-50)



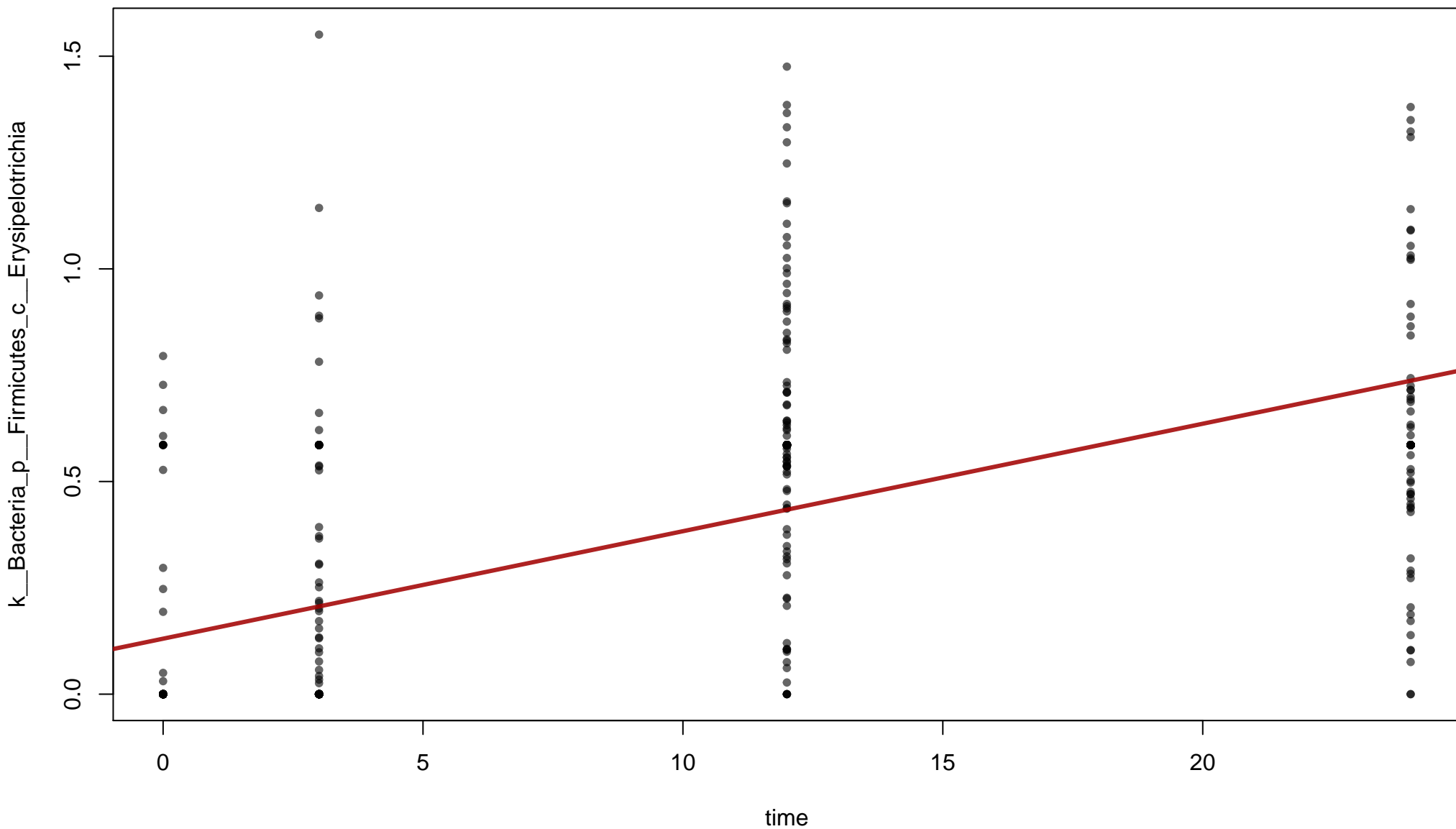
time (-0.00512 sd 0.000276 , $p=1.7e-52$, $q=1.74e-50$)



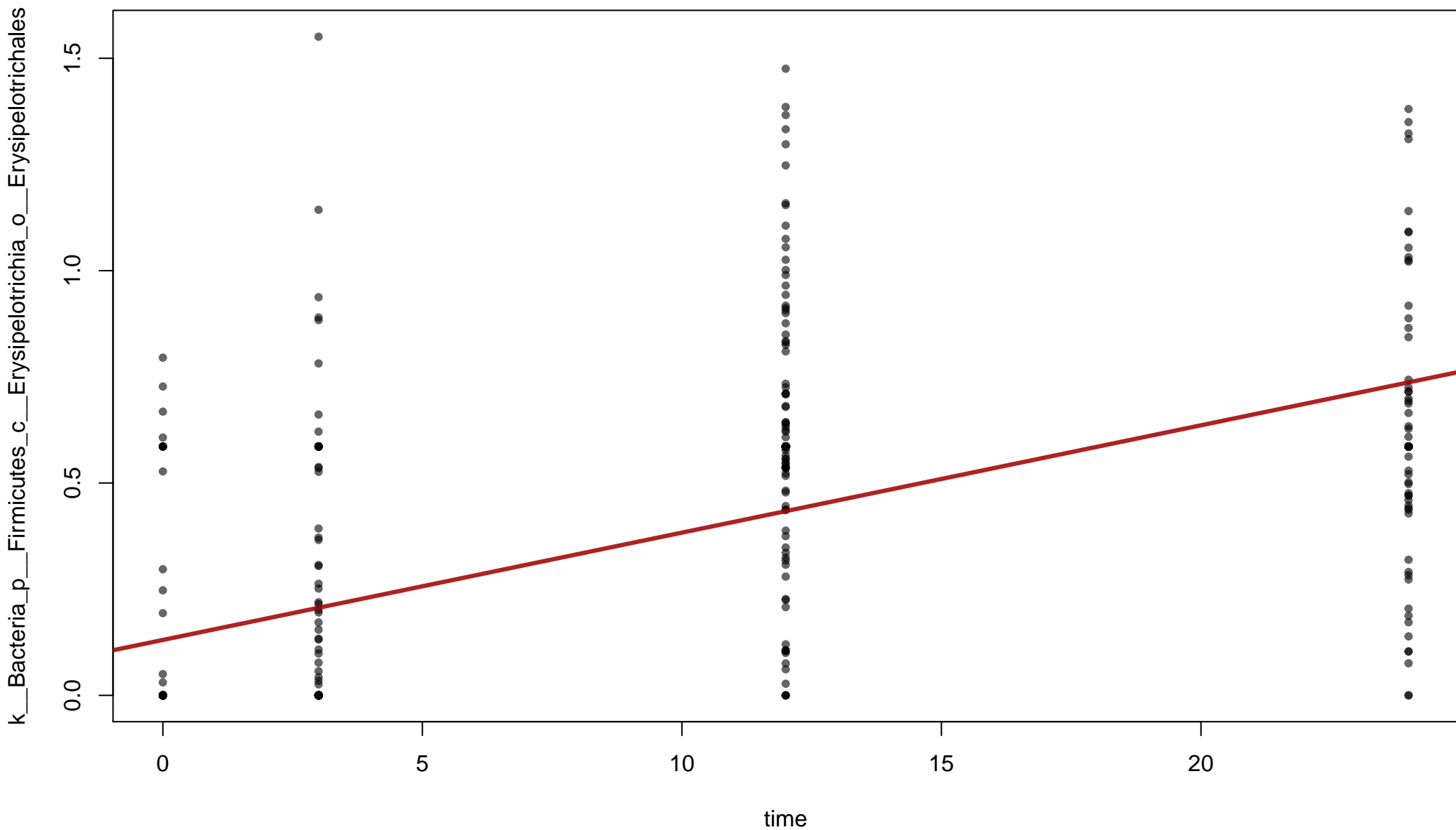
time (-0.00513 sd 0.000278 , $p=3.27e-52$, $q=3.25e-50$)



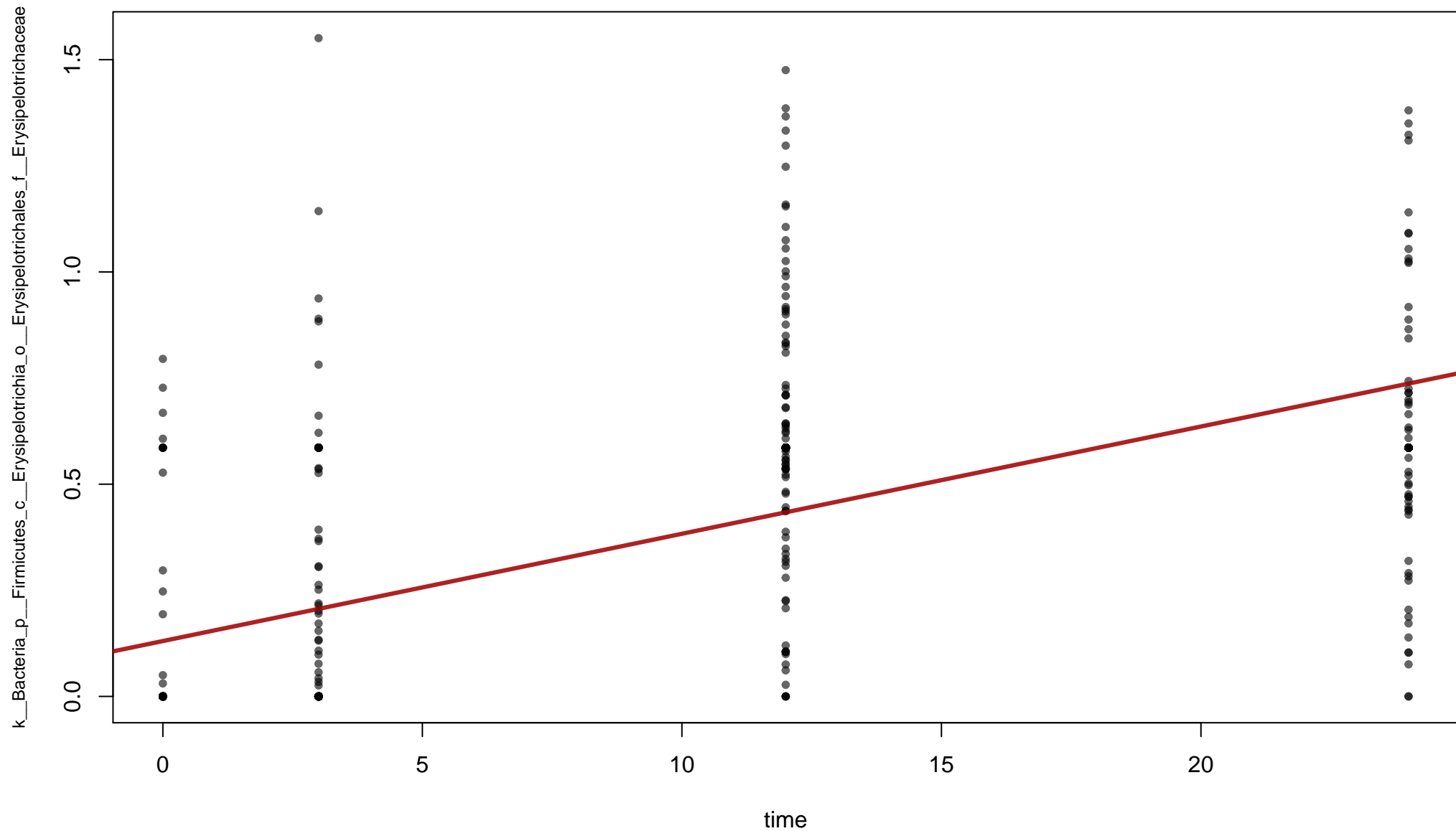
time (0.0252 sd 0.00139, p=5.66e-51, q=5.13e-49)



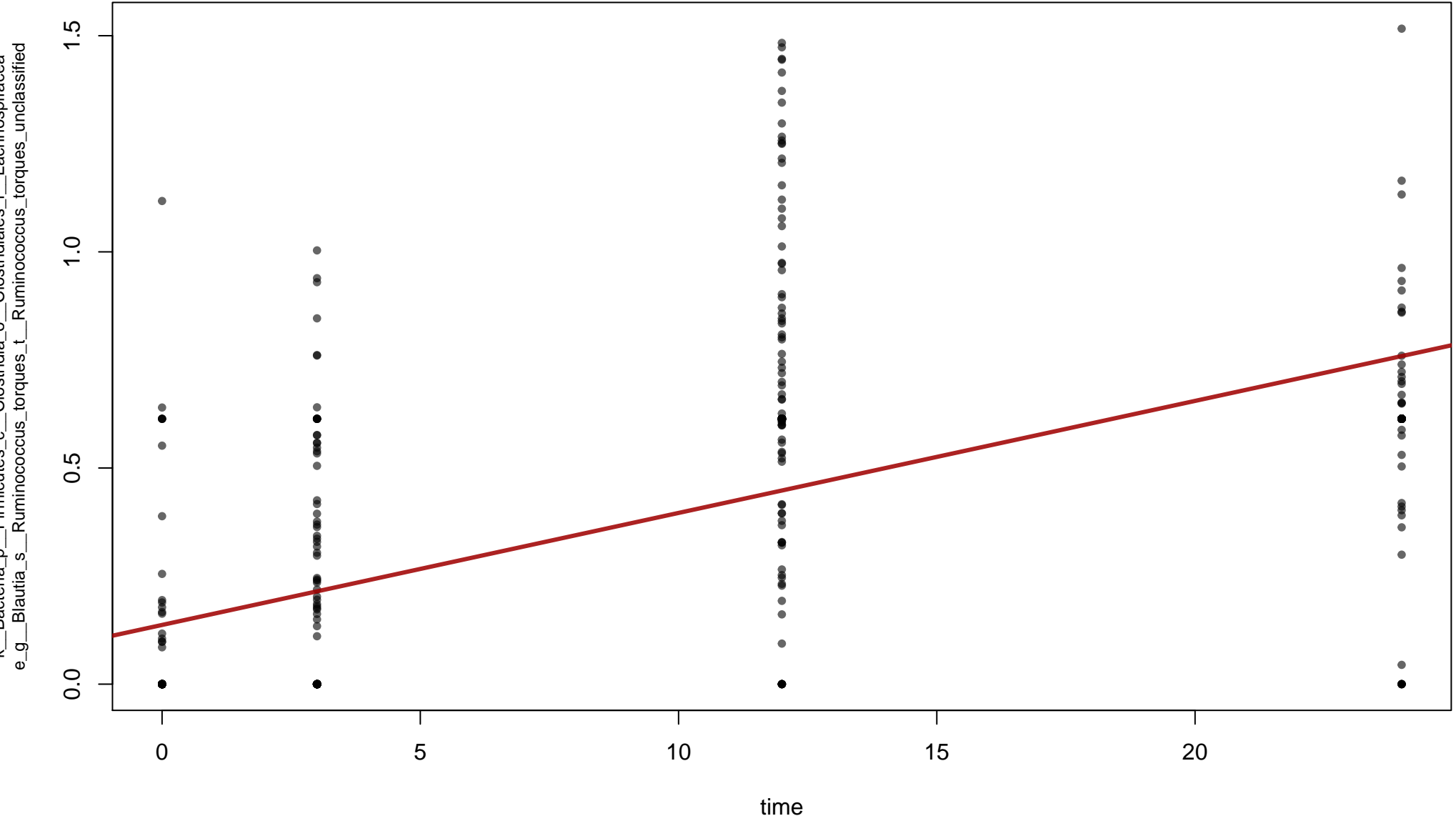
time (0.0252 sd 0.00139, p=5.66e-51, q=5.13e-49)



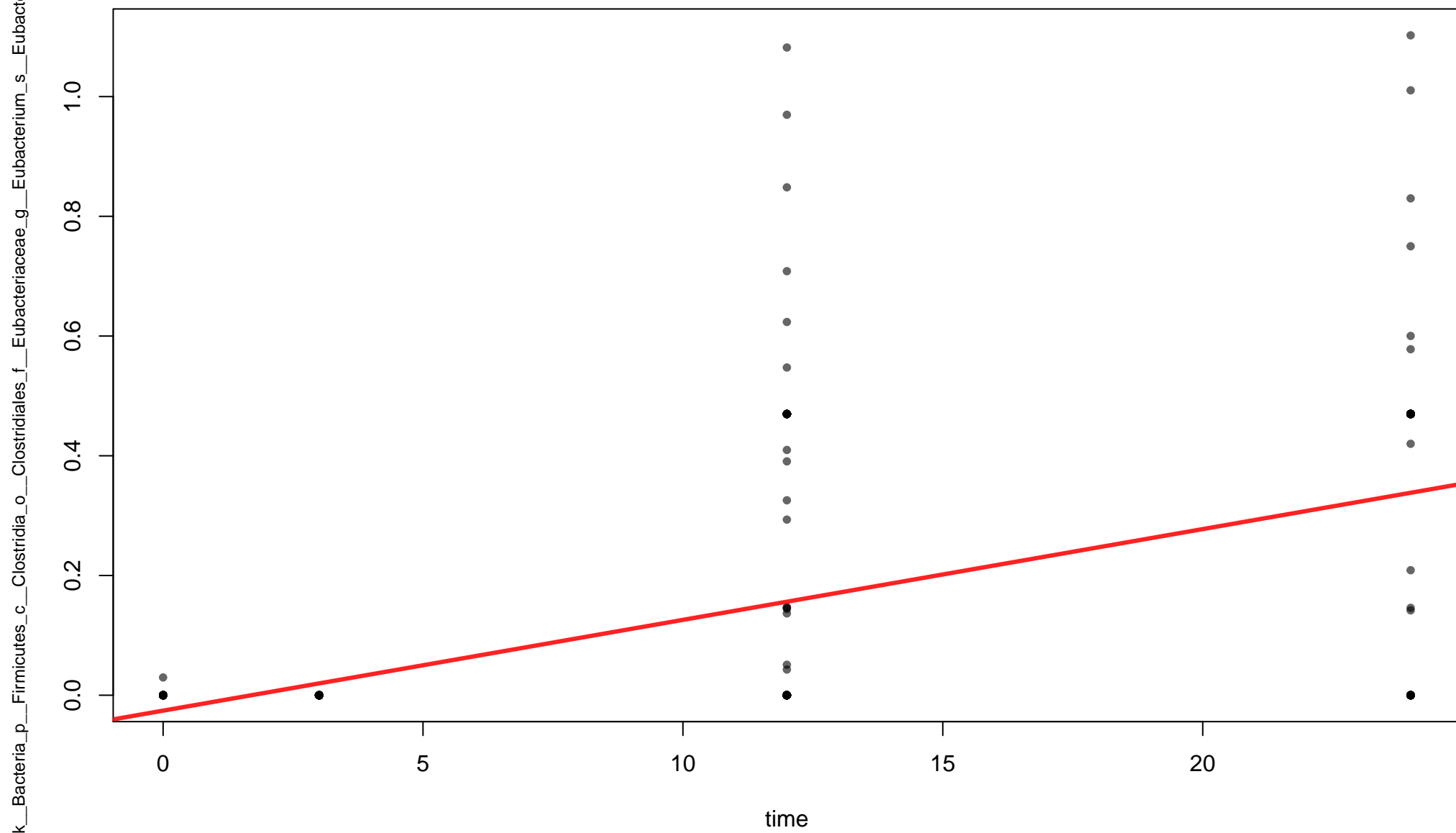
time (0.0252 sd 0.00139, p=5.66e-51, q=5.13e-49)



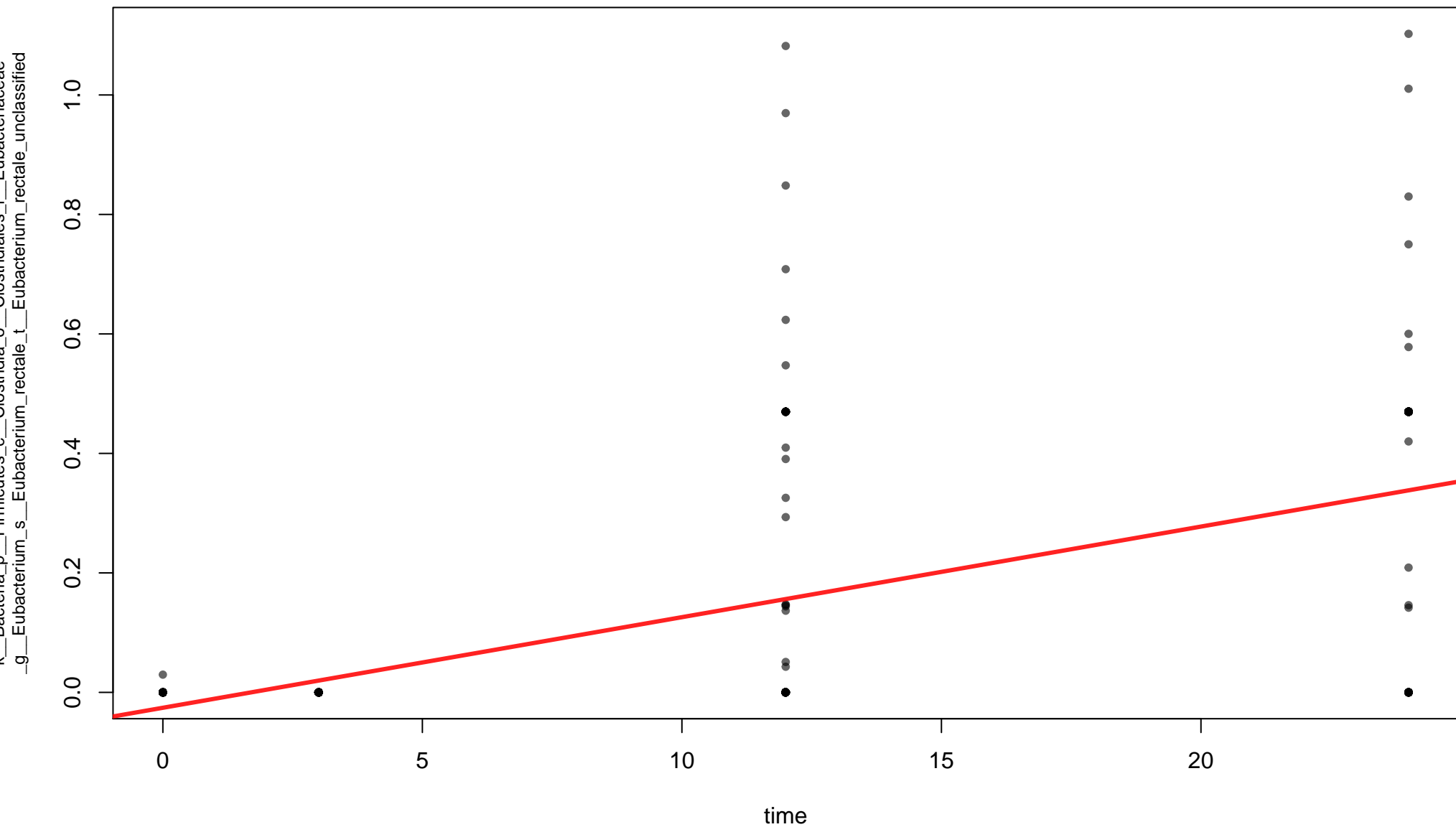
time (0.0259 sd 0.00144, p=1.45e-50, q=1.28e-48)



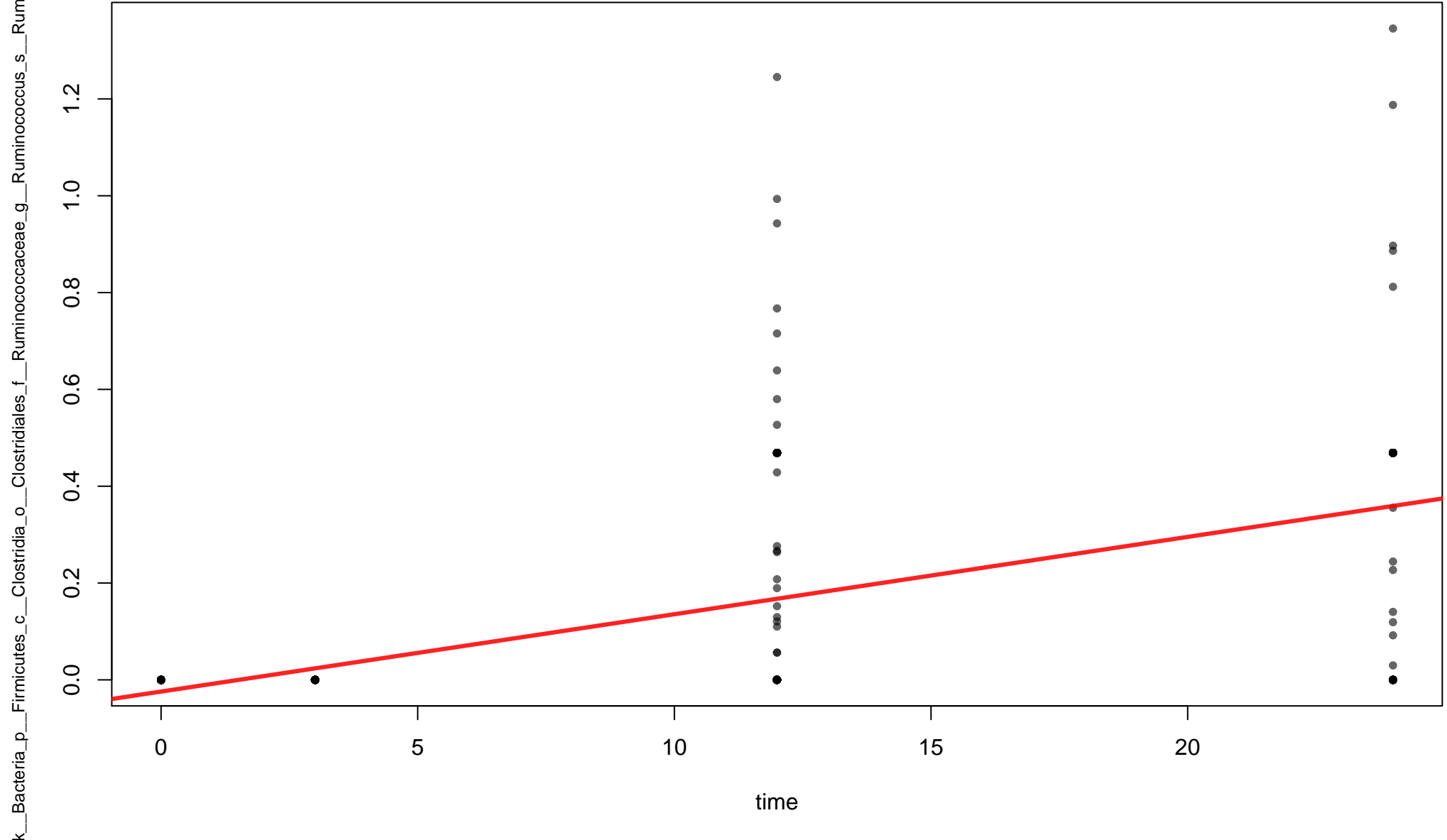
time (0.0152 sd 0.000849, p=4.77e-50, q=3.97e-48)



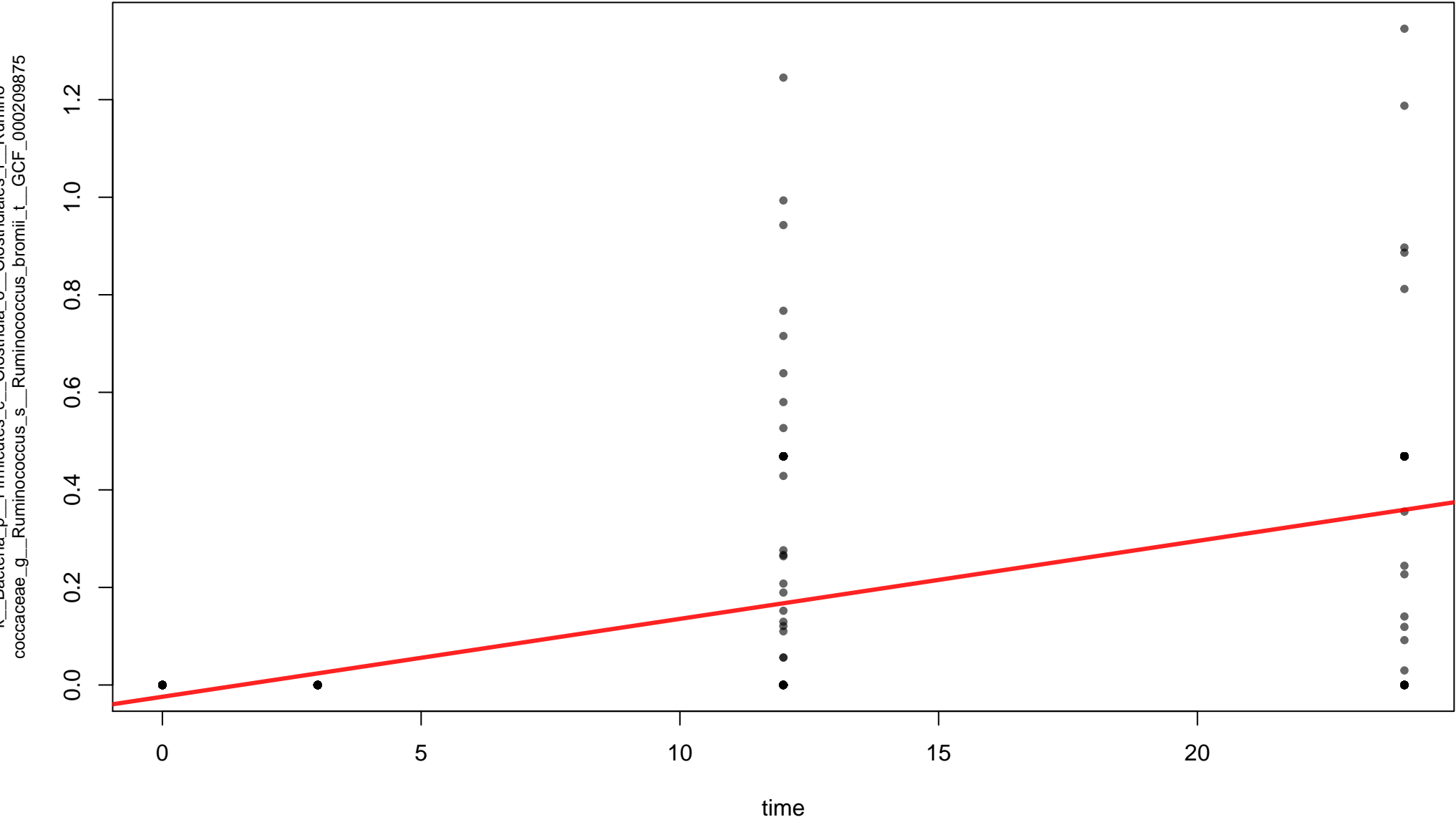
time (0.0152 sd 0.000849, p=4.77e-50, q=3.97e-48)



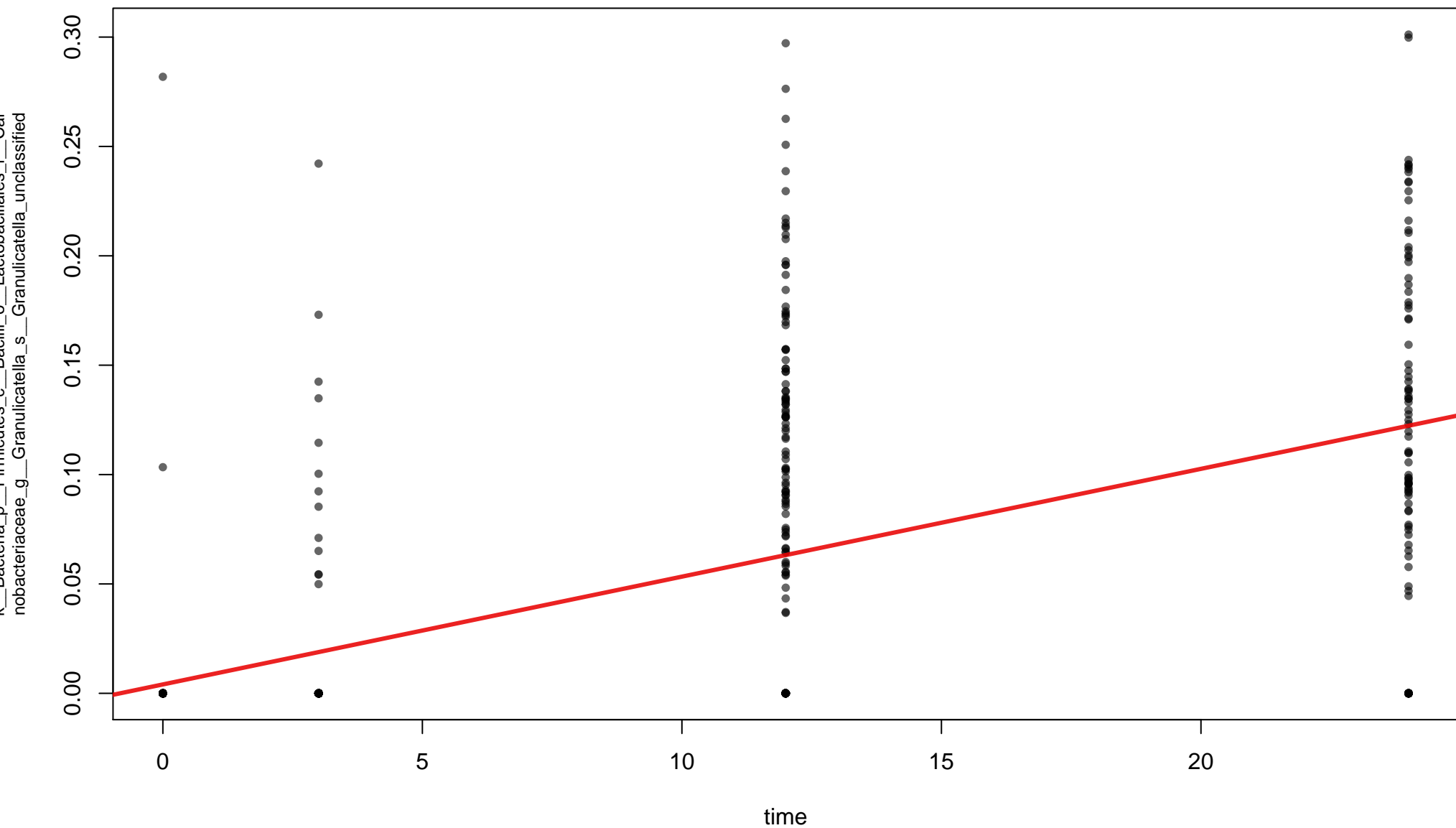
time (0.016 sd 0.000902, p=2.93e-49, q=2.31e-47)



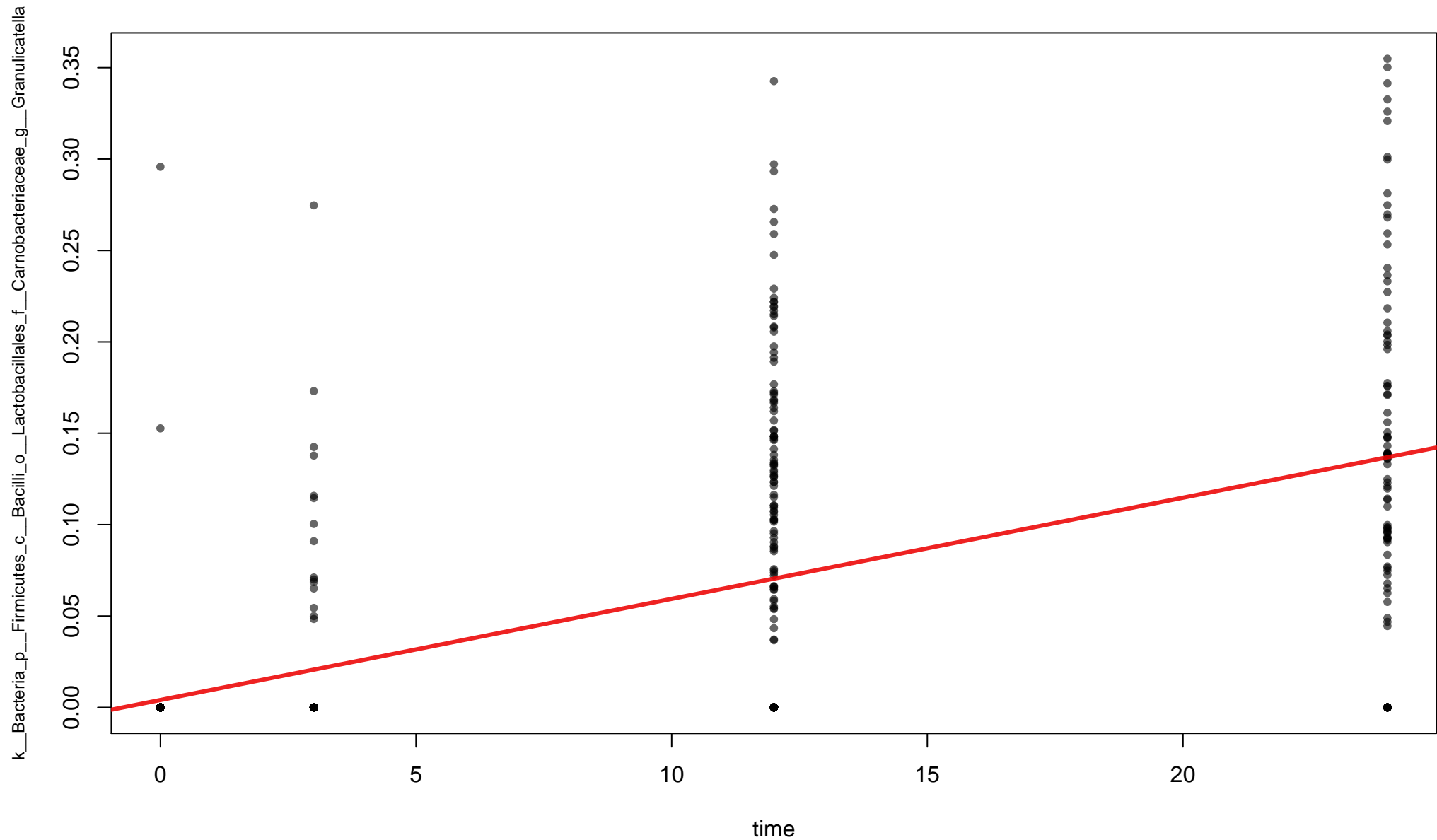
time (0.016 sd 0.000902, p=2.93e-49, q=2.31e-47)



time (0.00492 sd 0.000307, p=9.92e-43, q=7.64e-41)

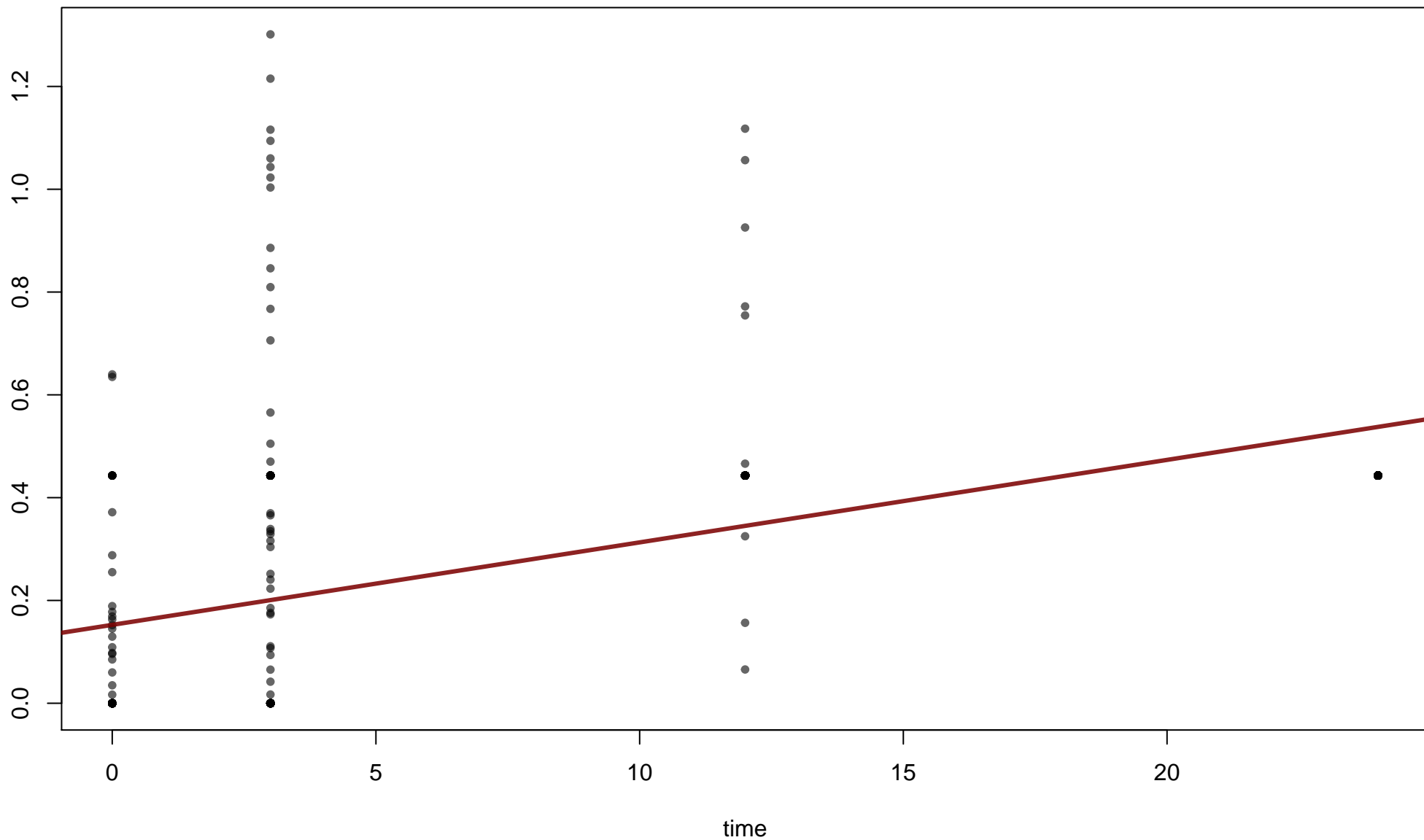


time (0.00552 sd 0.000349, p=6.73e-42, q=5.05e-40)



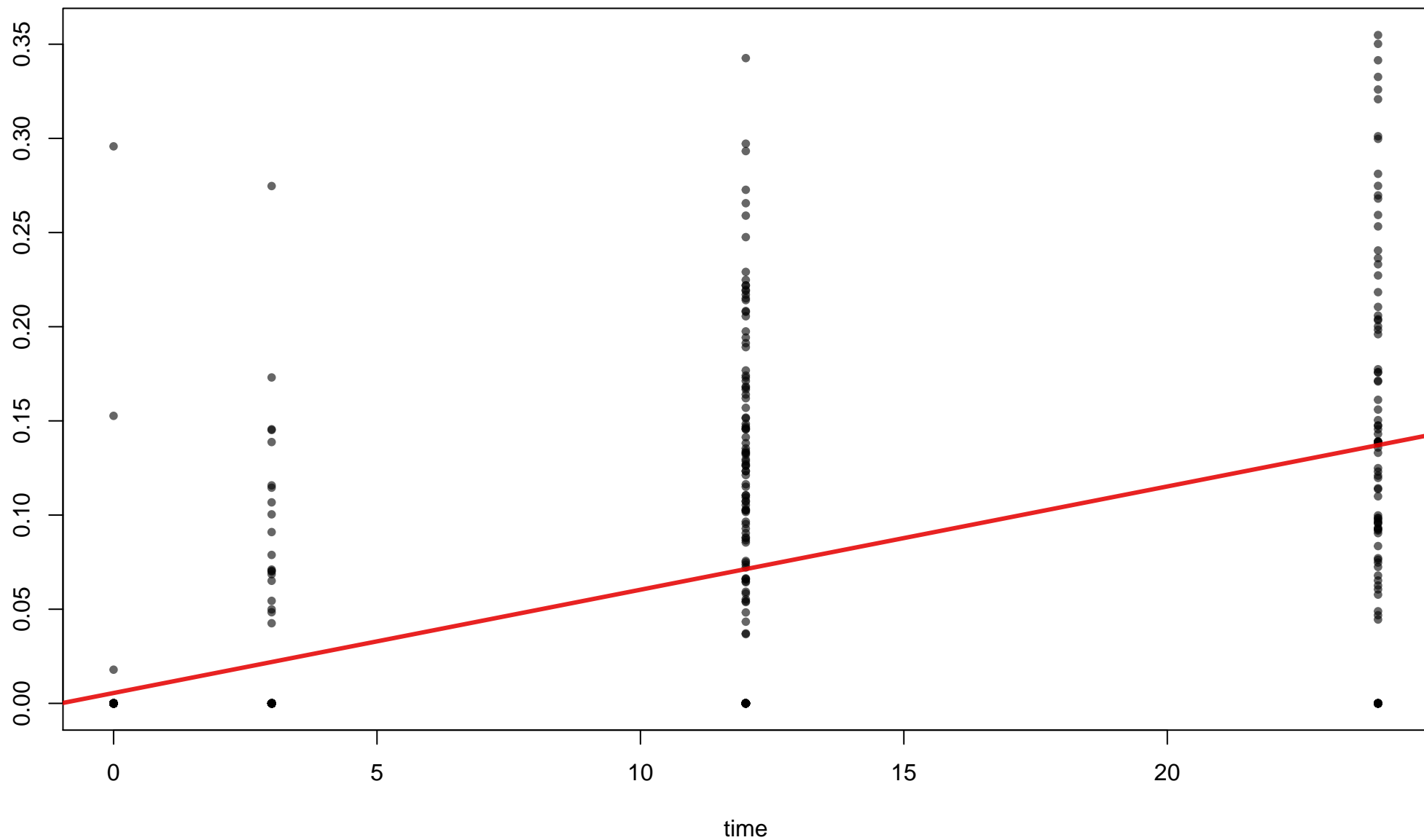
time (0.0161 sd 0.00102, p=1.25e-41, q=9.13e-40)

k__Bacteria_p__Firmicutes_c__Clostridia_o__Clostridiales_f__Lachnospiraceae

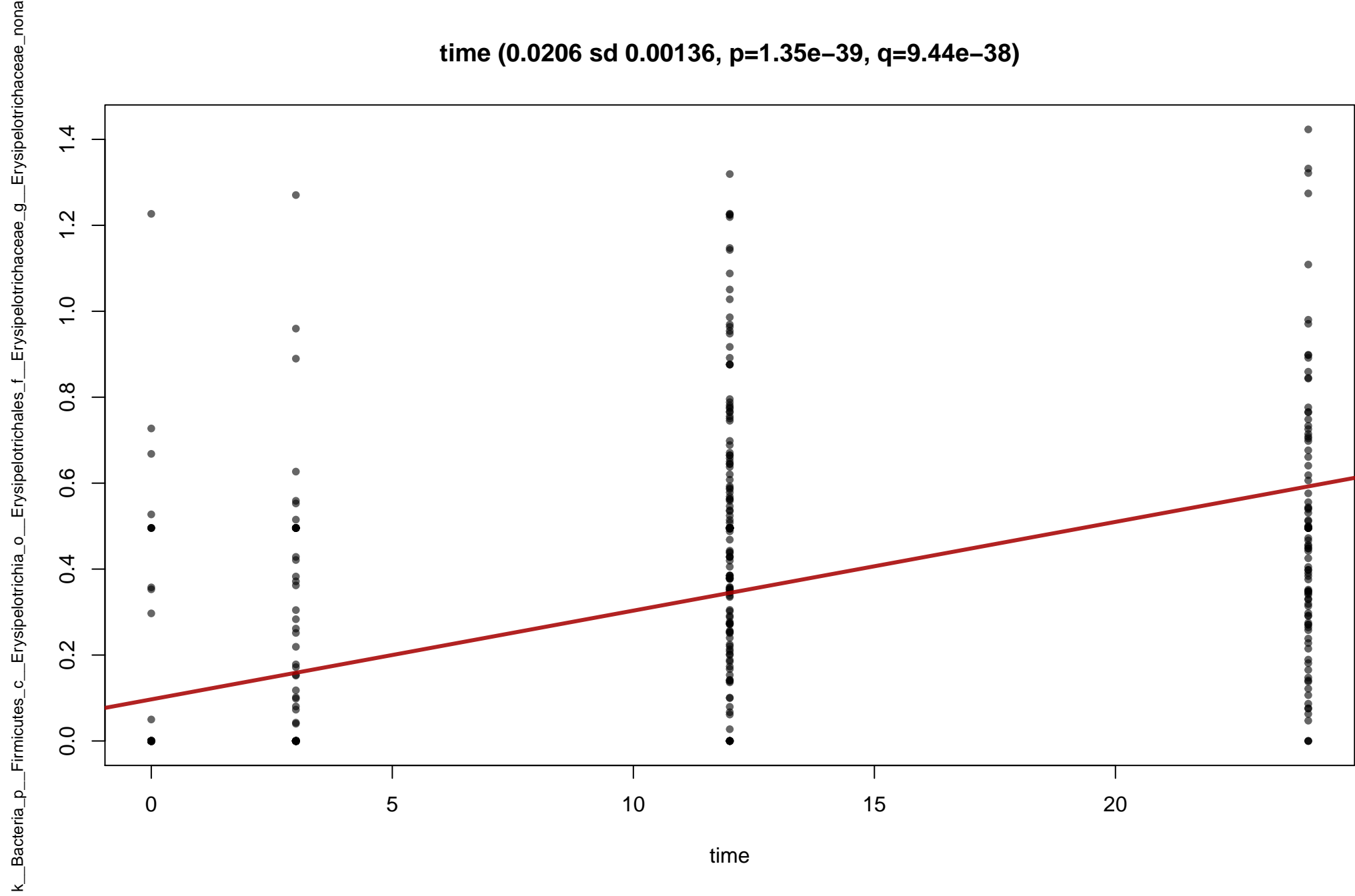


time (0.00547 sd 0.00035, p=2.85e-41, q=2.04e-39)

k__Bacteria_p__Firmicutes_c__Bacilli_o__Lactobacillales_f__Carnobacteriaceae

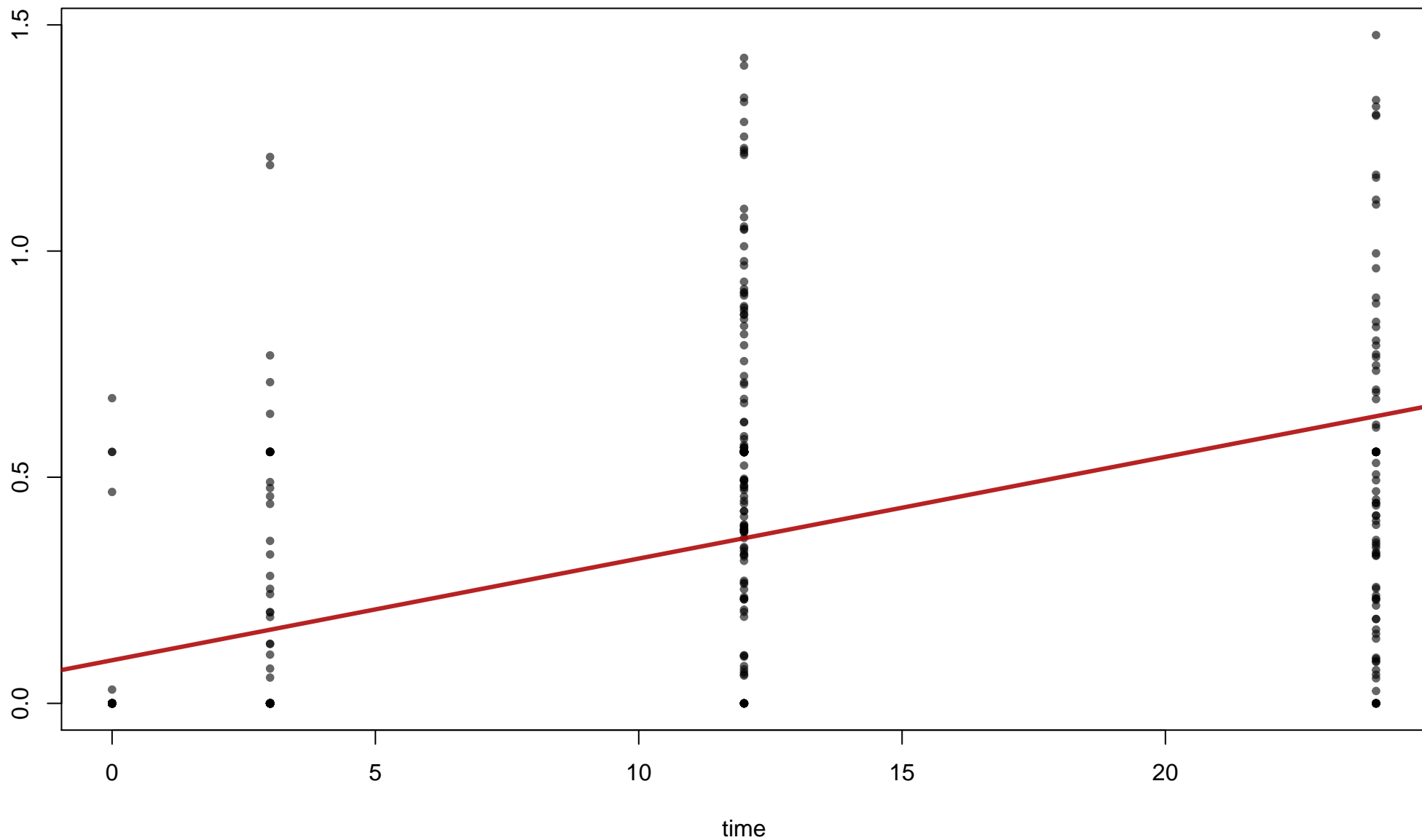


time (0.0206 sd 0.00136, p=1.35e-39, q=9.44e-38)

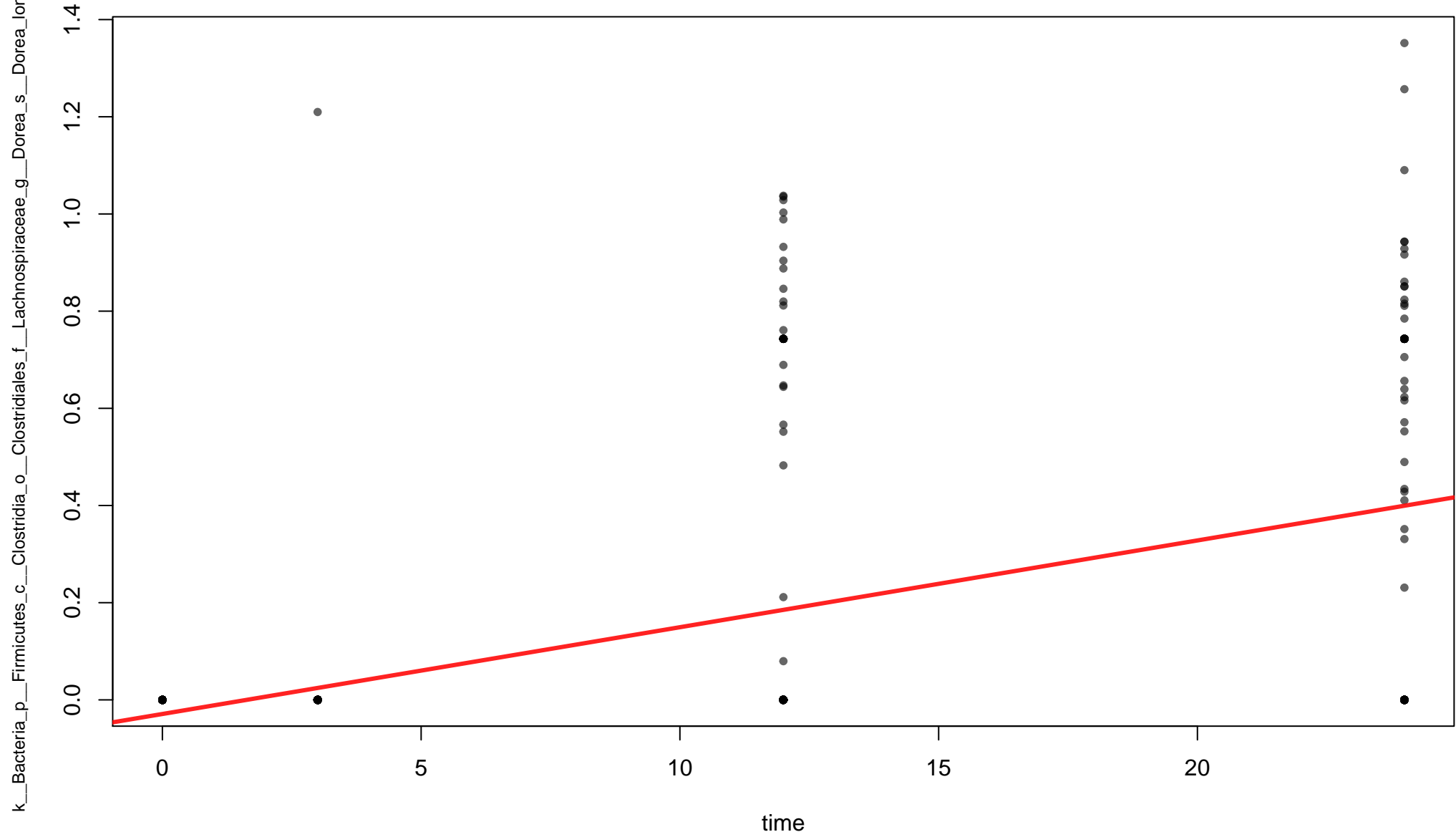


time (0.0224 sd 0.00149, p=5.3e-39, q=3.63e-37)

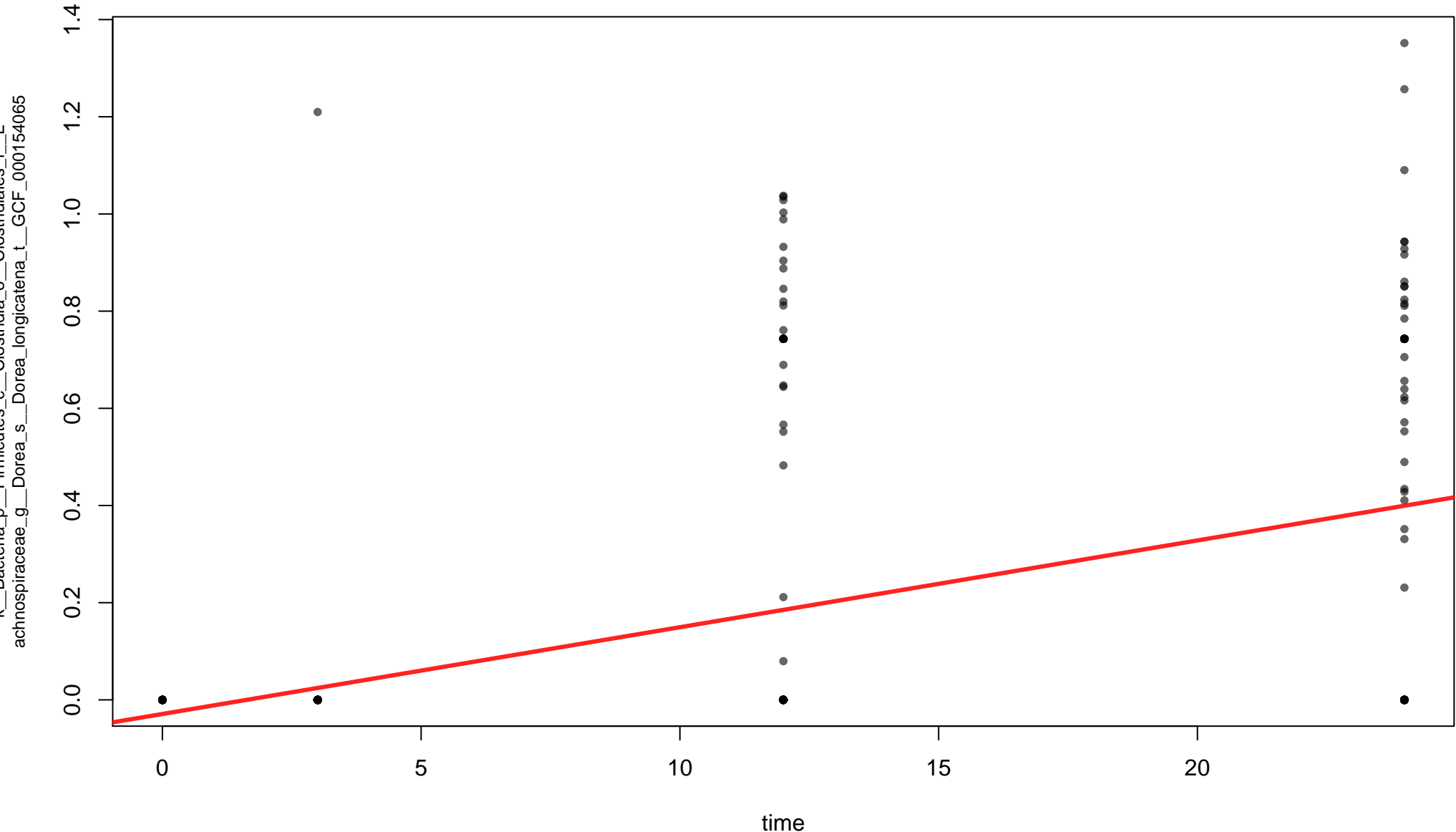
k__Bacteria_p__Firmicutes_c__Erysipelotrichia_o__Erysipelotrichales_f__Erysipelotrichaceae_g__Coprobacillus



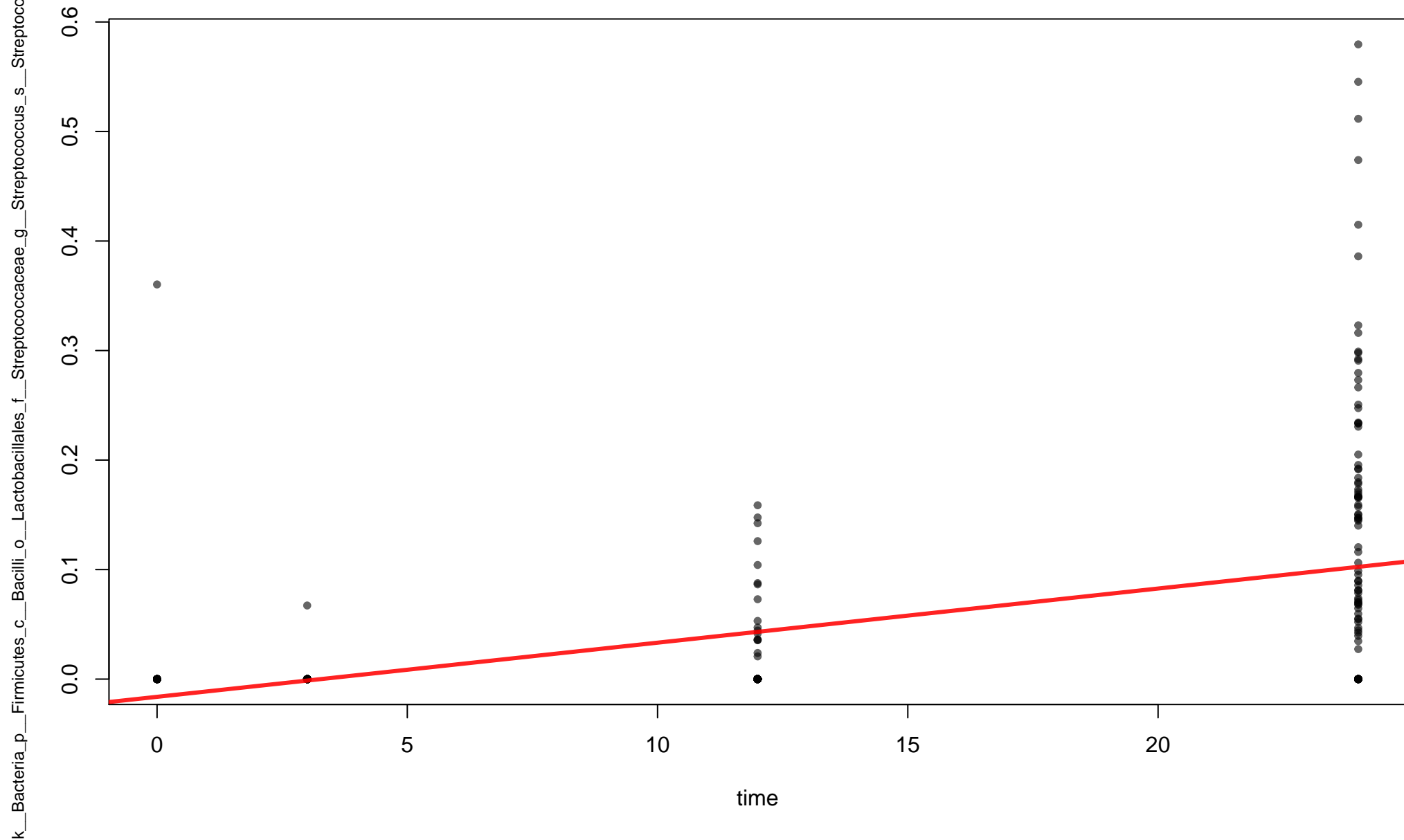
time (0.018 sd 0.00121, p=1.4e-38, q=9.16e-37)



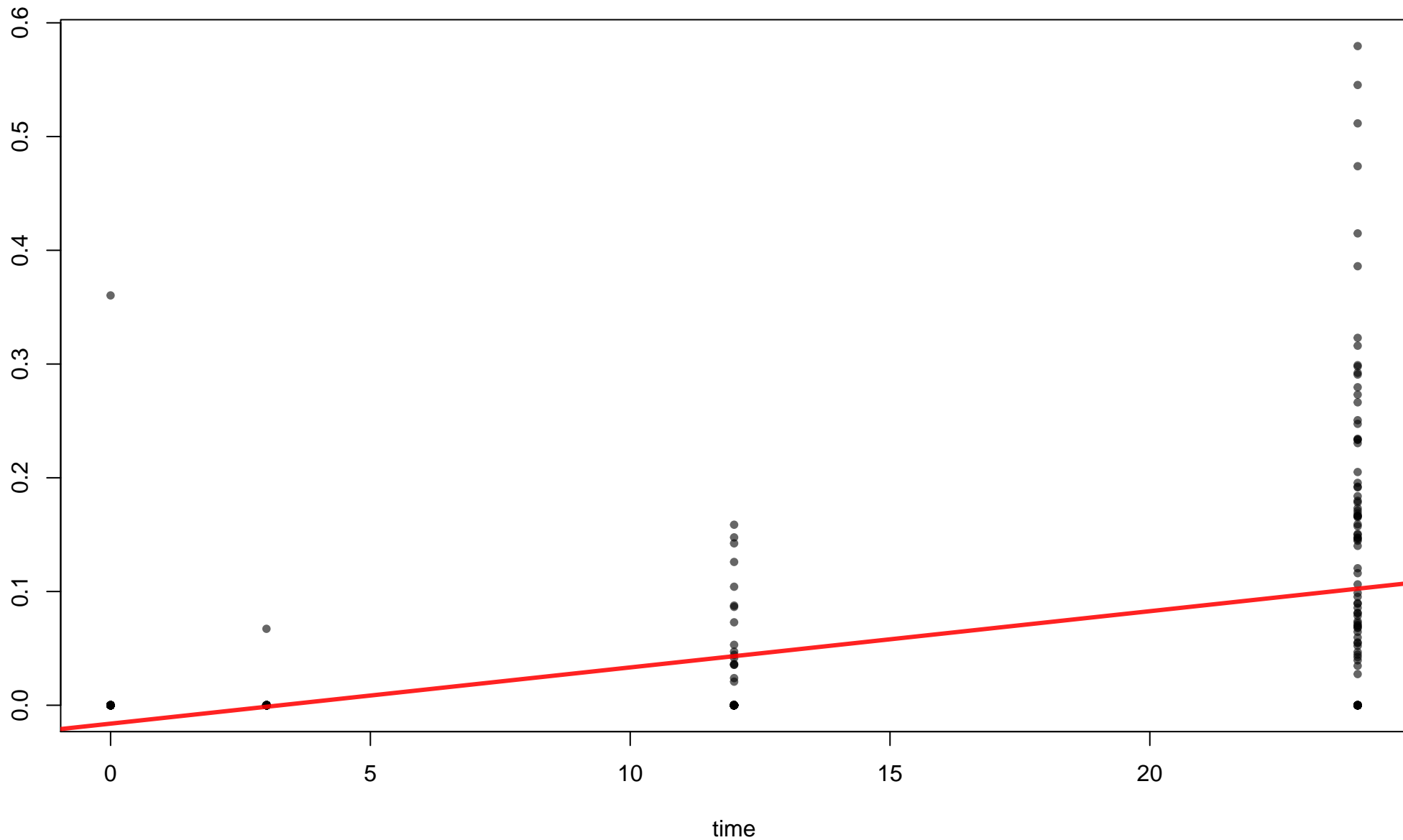
time (0.018 sd 0.00121, p=1.4e-38, q=9.16e-37)



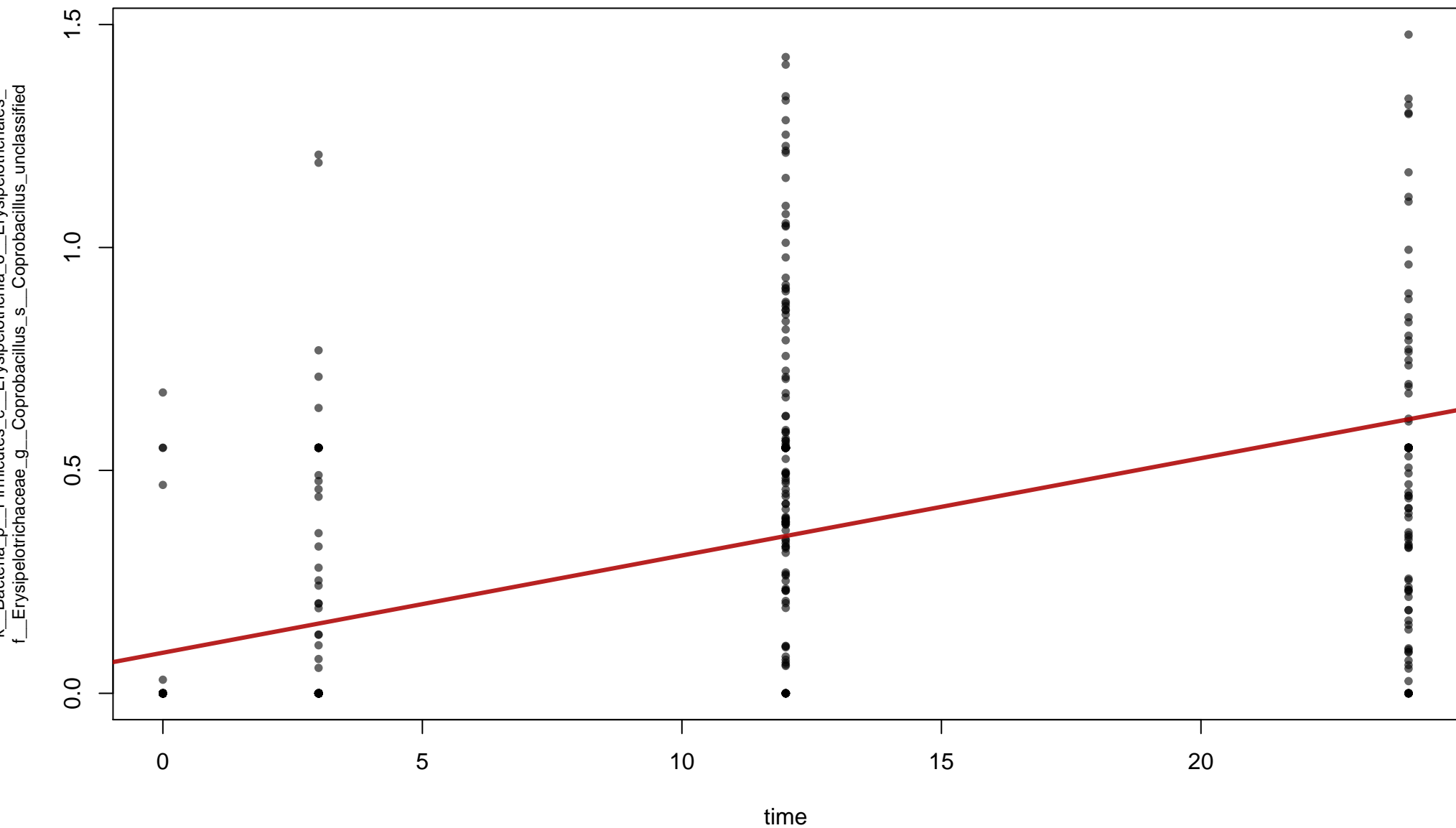
time (0.00495 sd 0.000336, p=7.25e-38, q=4.56e-36)



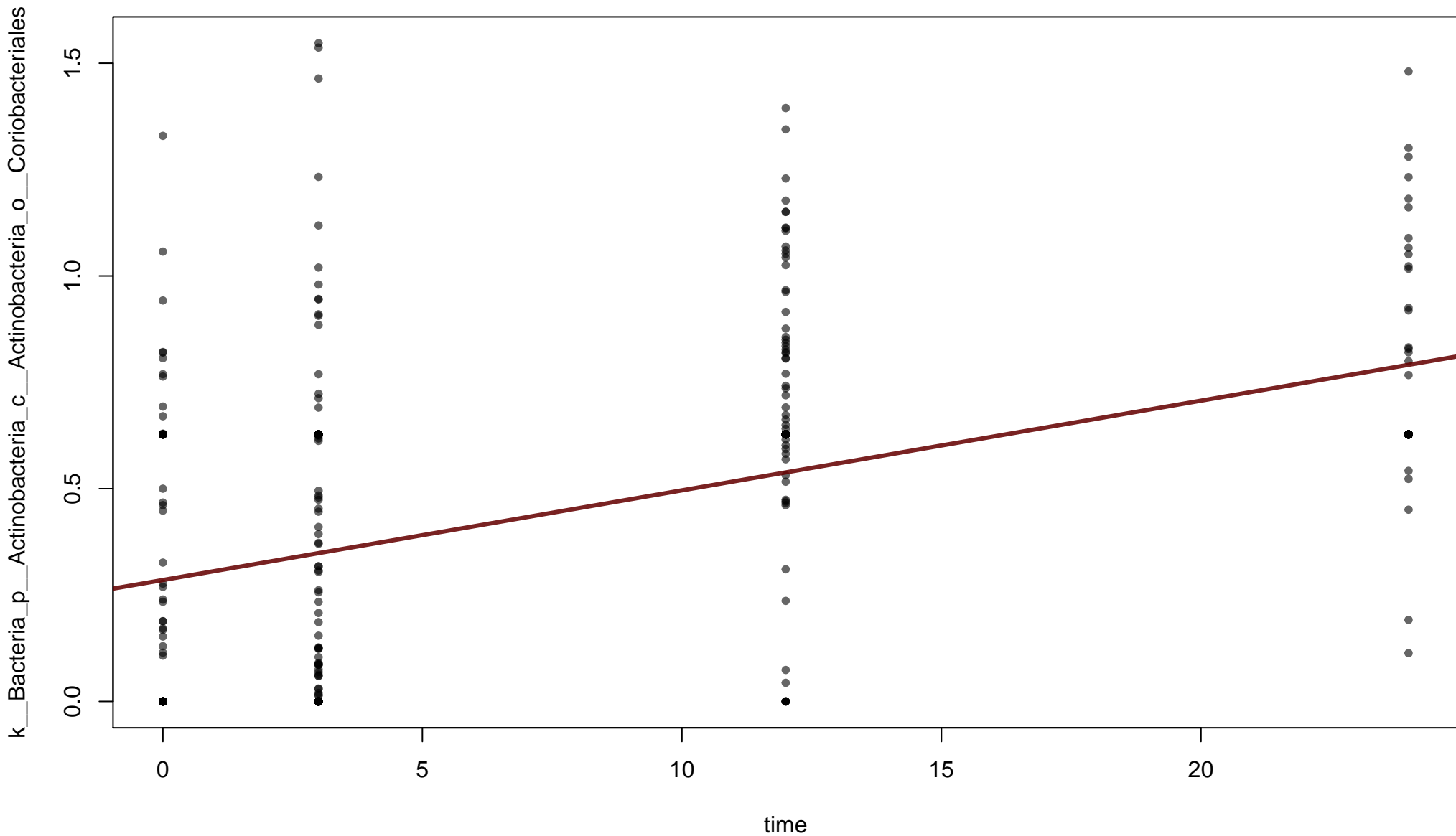
Streptococcus_s Streptococcus_s Streptococcus_t Streptococcus_unclassified



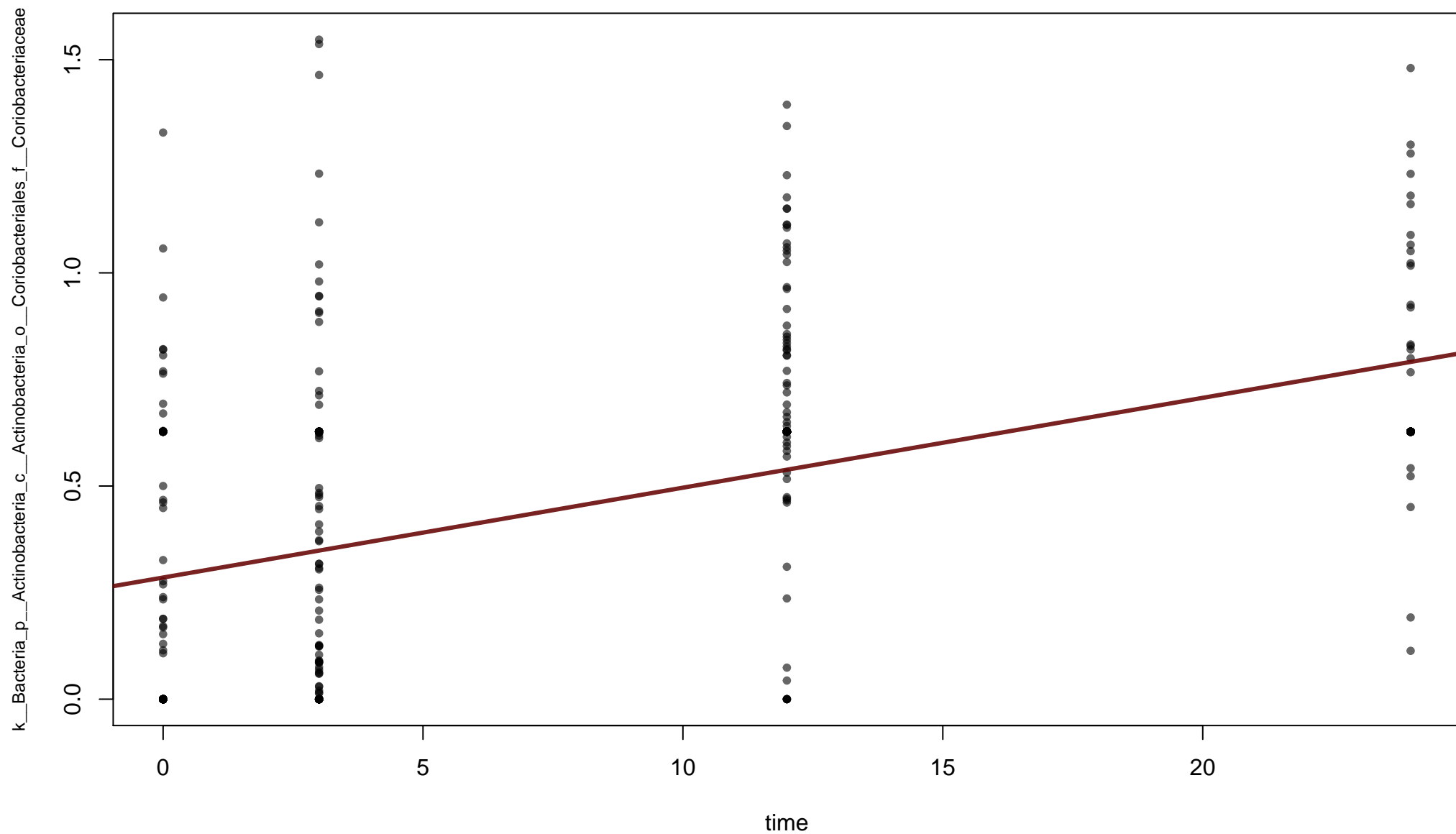
time (0.0217 sd 0.00148, p=1.34e-37, q=8.24e-36)



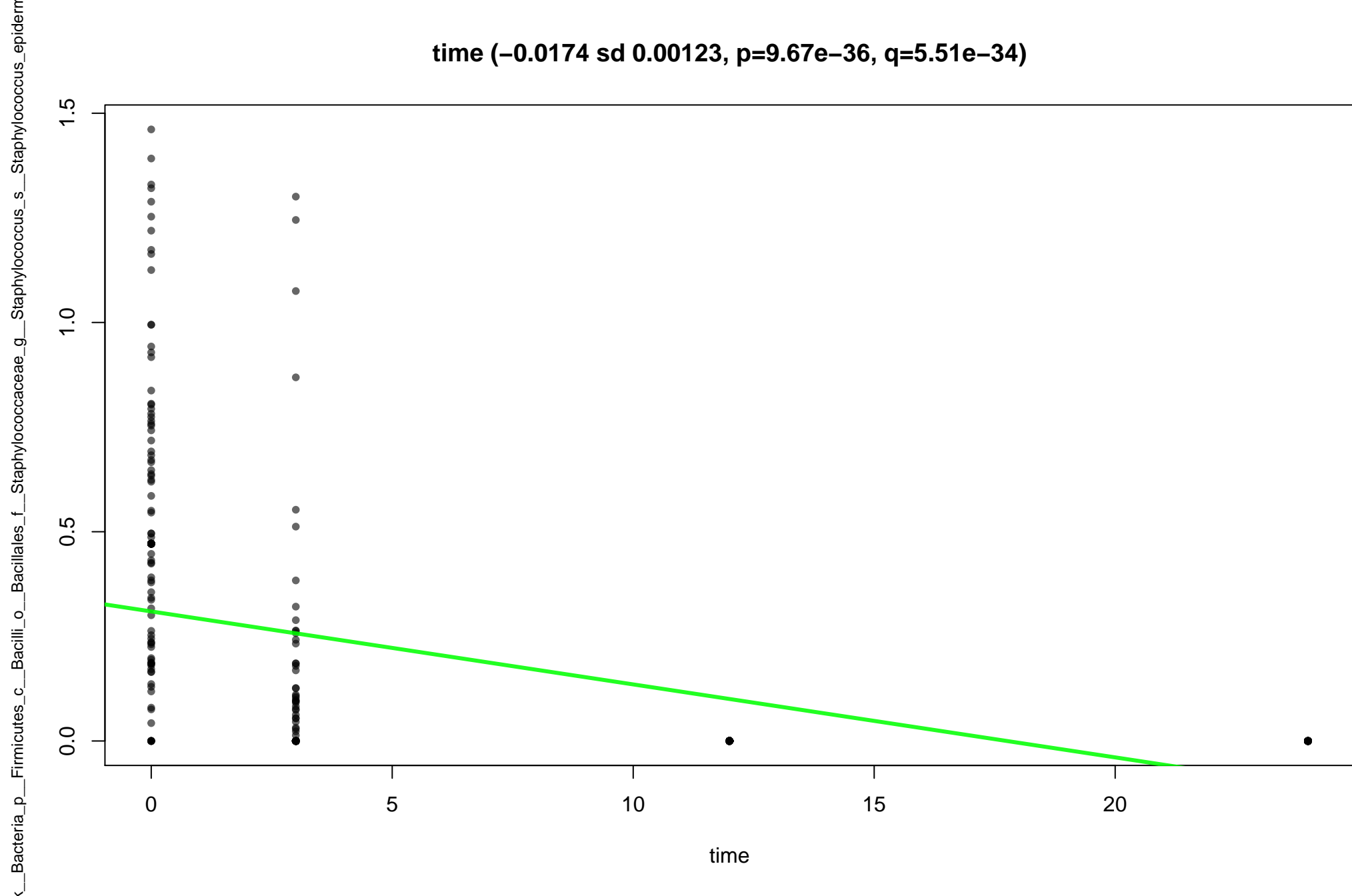
time (0.0211 sd 0.00146, p=7.53e-37, q=4.46e-35)



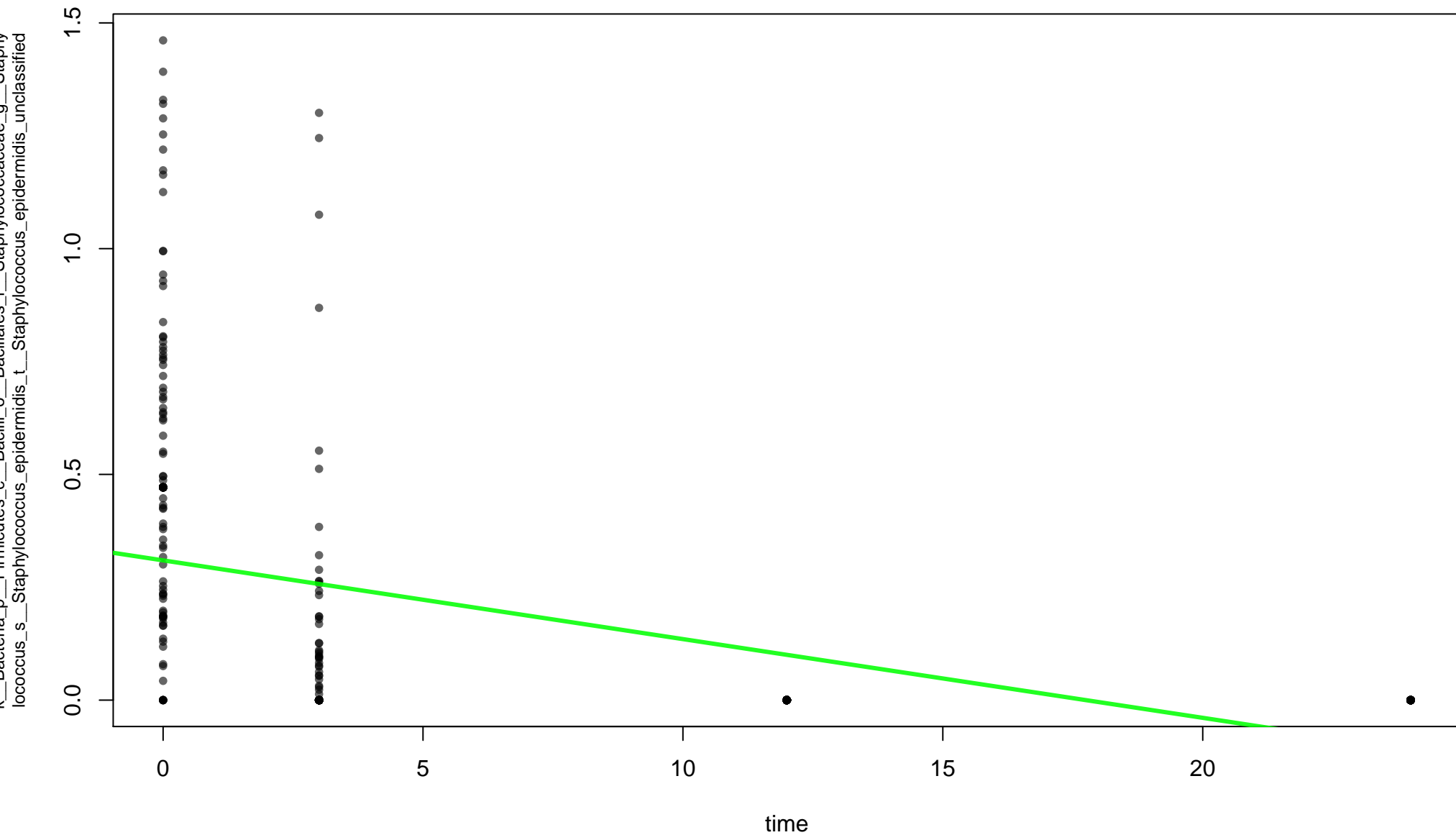
time (0.0211 sd 0.00146, p=7.53e-37, q=4.46e-35)



time (-0.0174 sd 0.00123 , $p=9.67e-36$, $q=5.51e-34$)

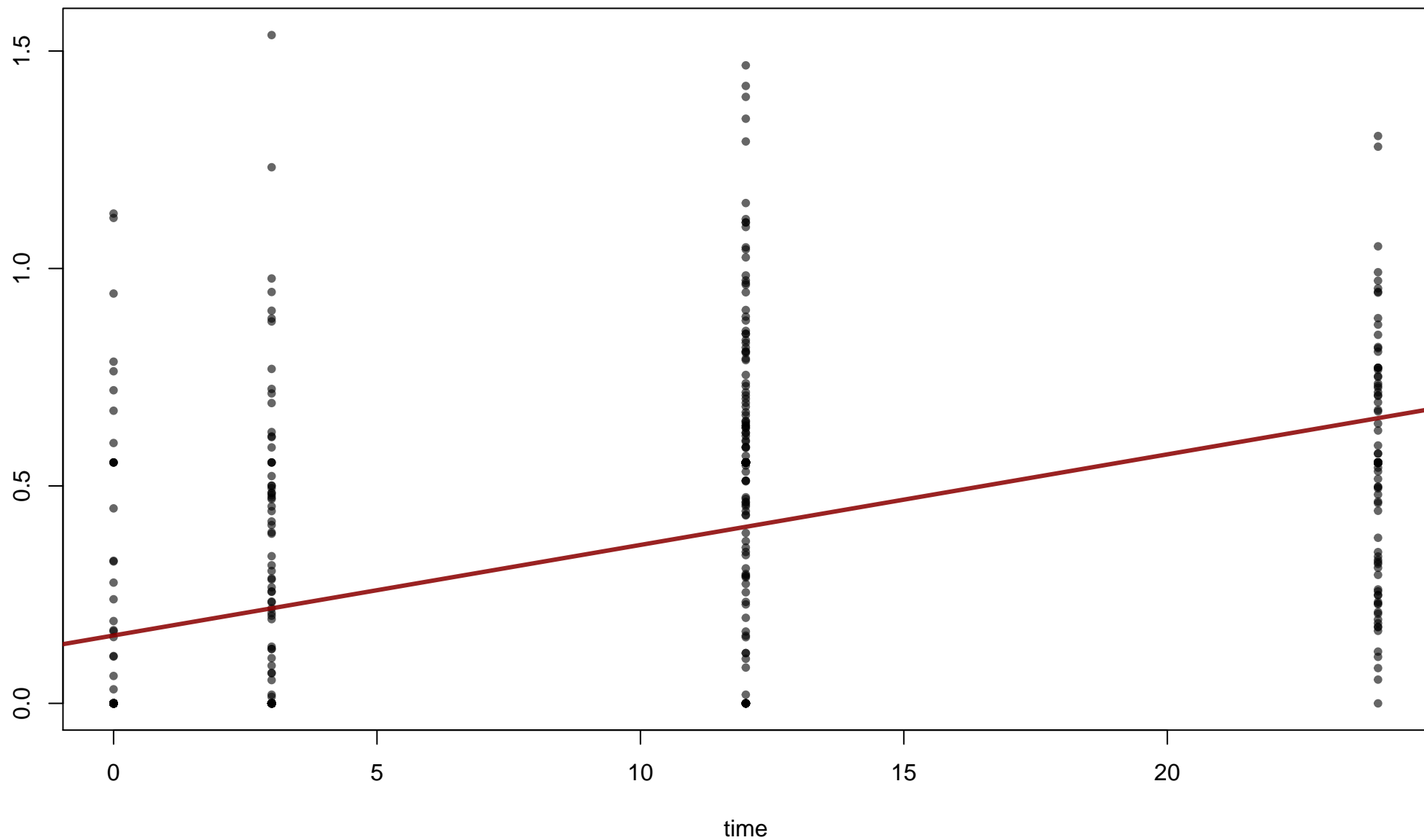


time (-0.0174 sd 0.00123 , $p=9.67e-36$, $q=5.51e-34$)

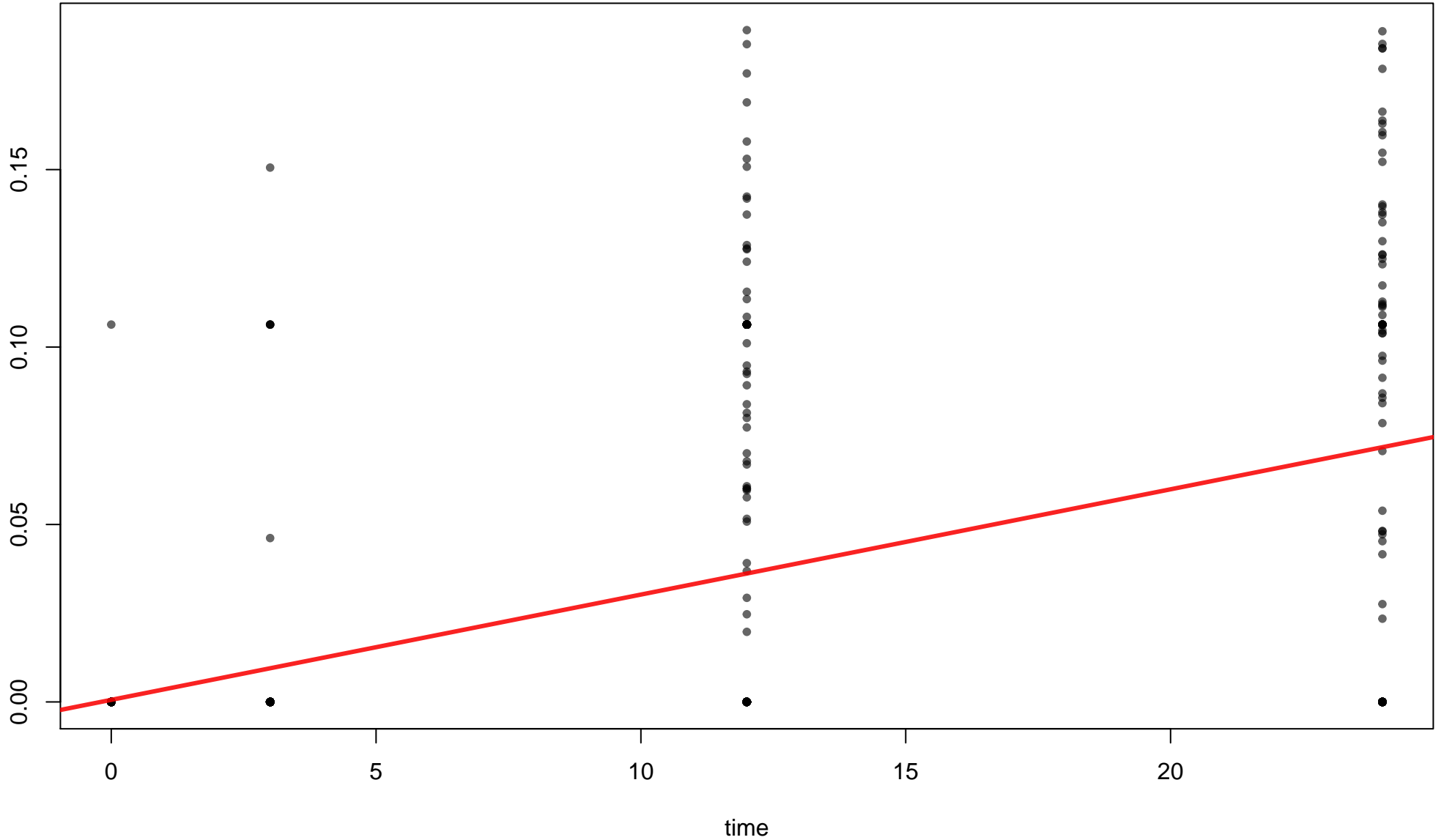


time (0.0208 sd 0.00147, p=1.94e-35, q=1.09e-33)

k__Bacteria_p__Actinobacteria_c__Actinobacteria_o__Coriobacteriales_f__Coriobacteriaceae_g__Eggerthella

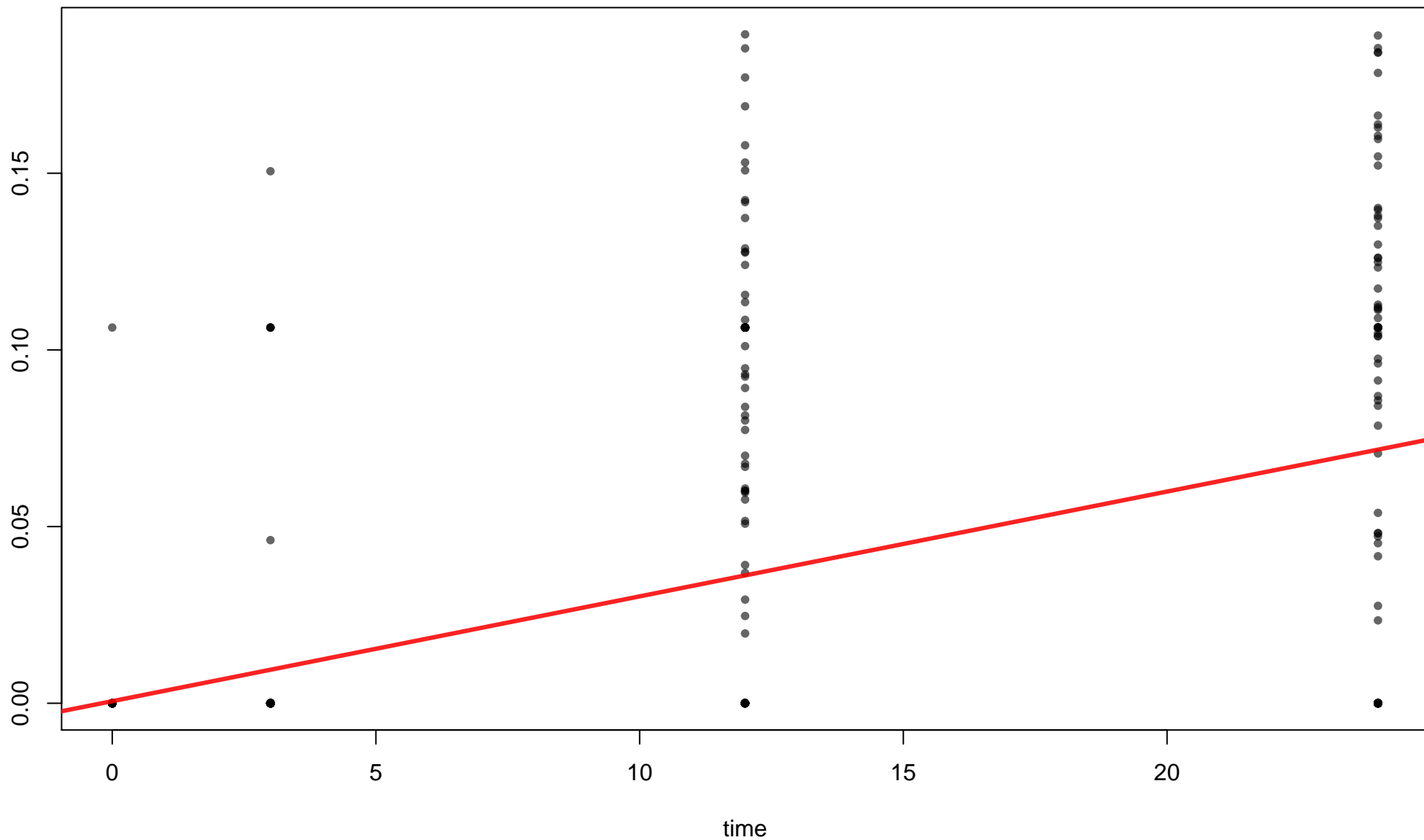


trichaceae_g_Erysipelotrichaceae_noname_s_Erysipelotrichaceae_bacterium_6_1_45

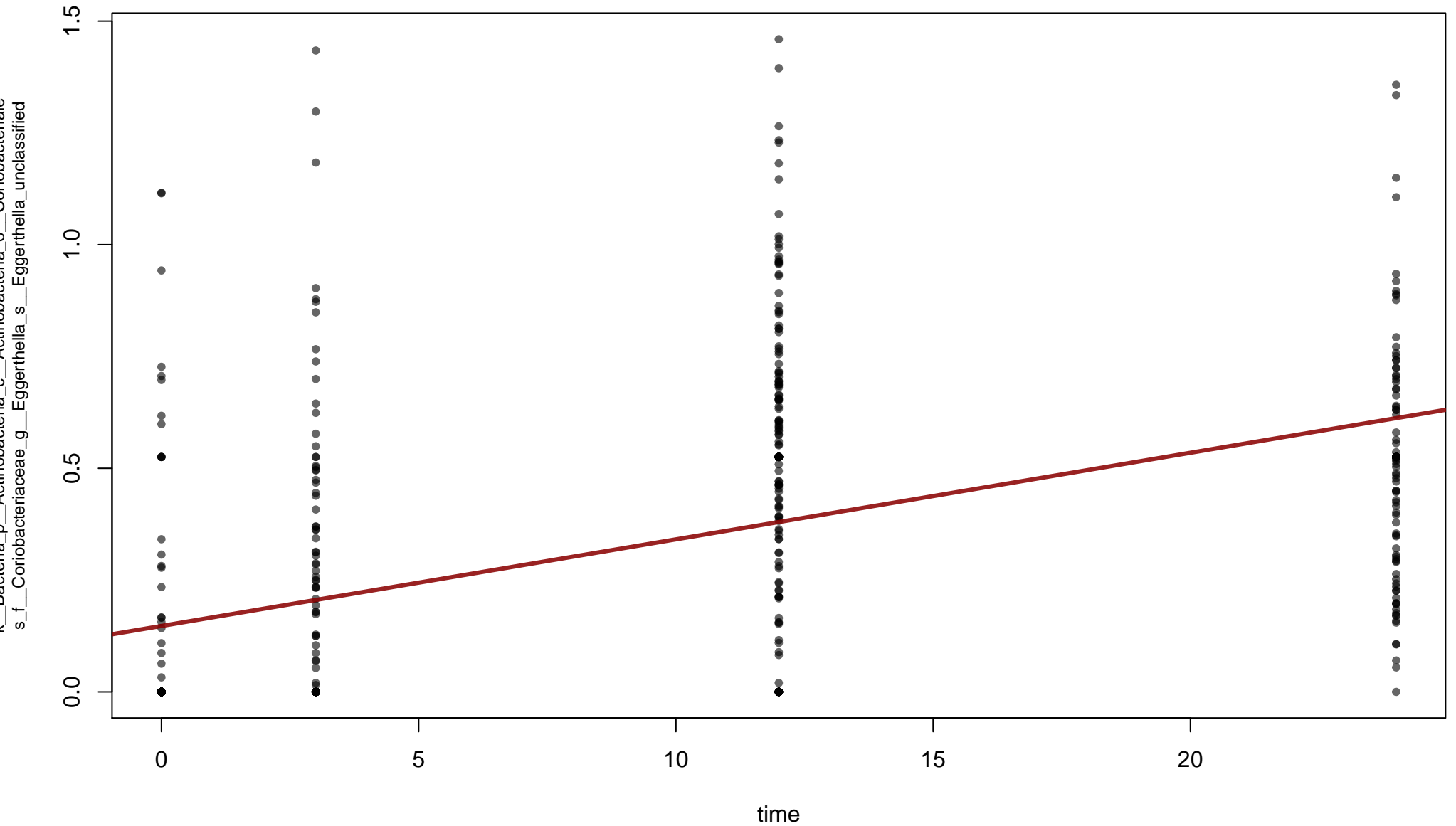


ae_g__Erysipelotrichaceae_name_s__Erysipelotrichaceae_bacterium_6_1_45_t__GCF_000242175

time (0.00298 sd 0.000215, p=2.43e-34, q=1.31e-32)

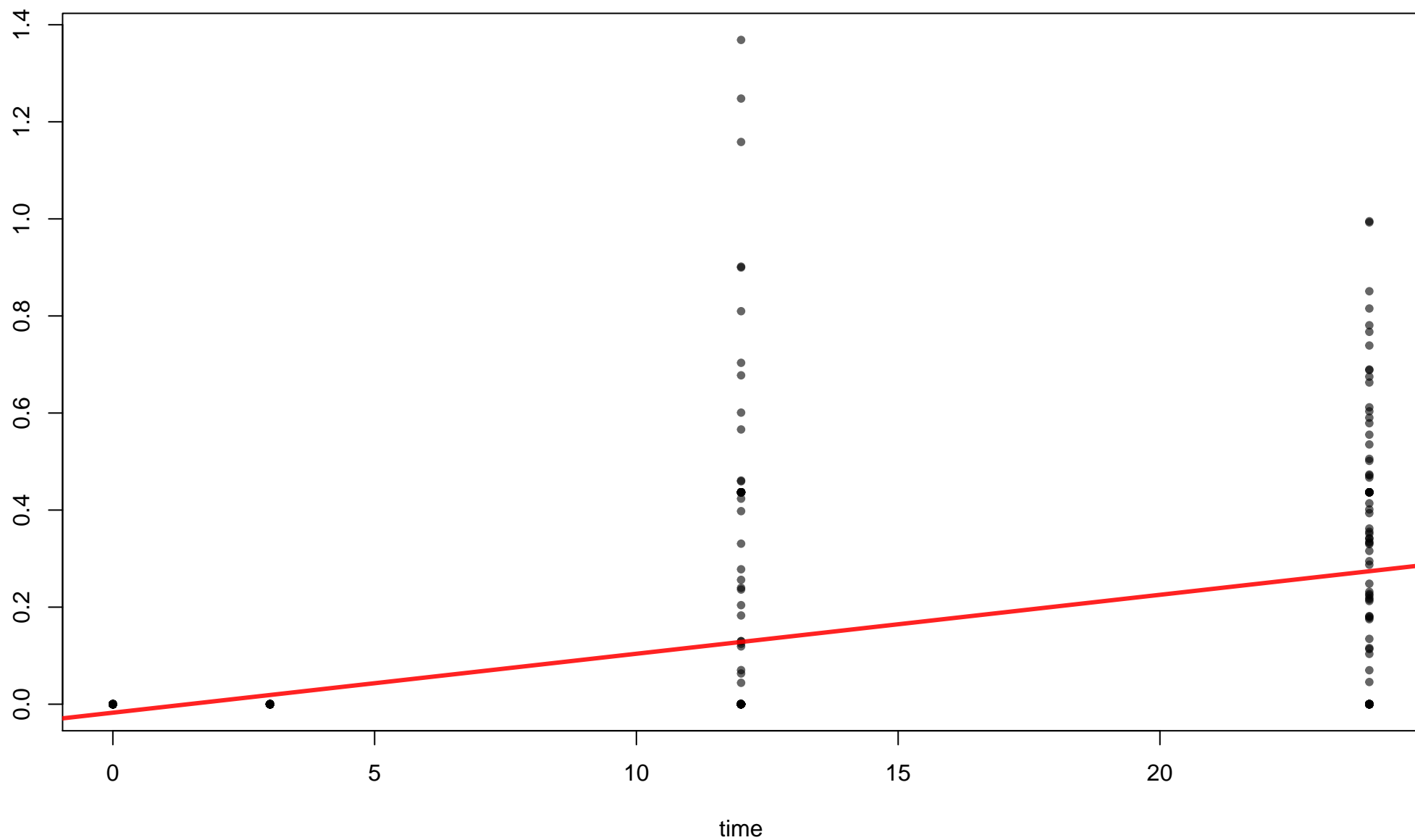


time (0.0194 sd 0.00147, p=6.2e-32, q=3.29e-30)

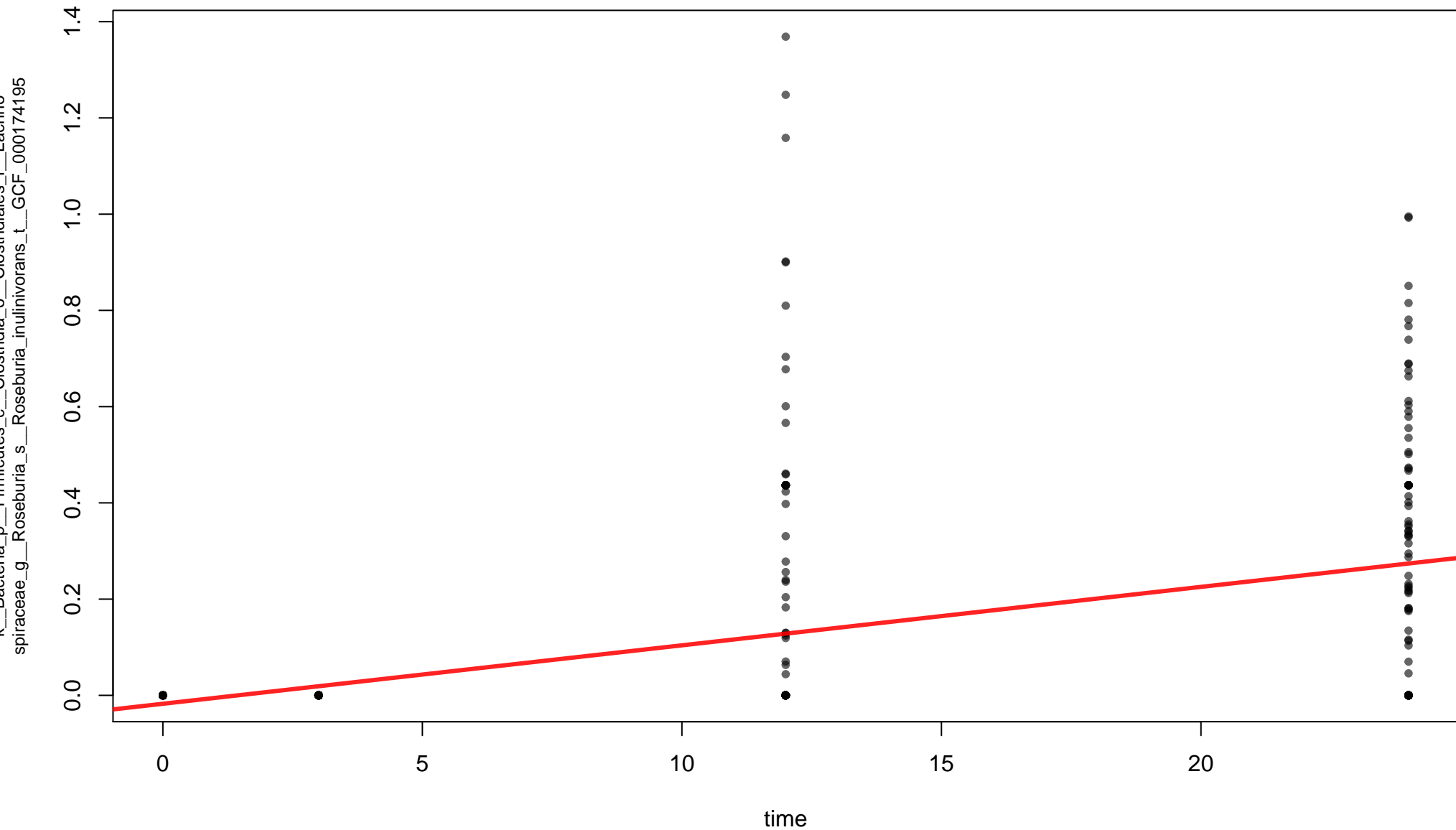


time (0.0122 sd 0.000925, p=7.28e-32, q=3.74e-30)

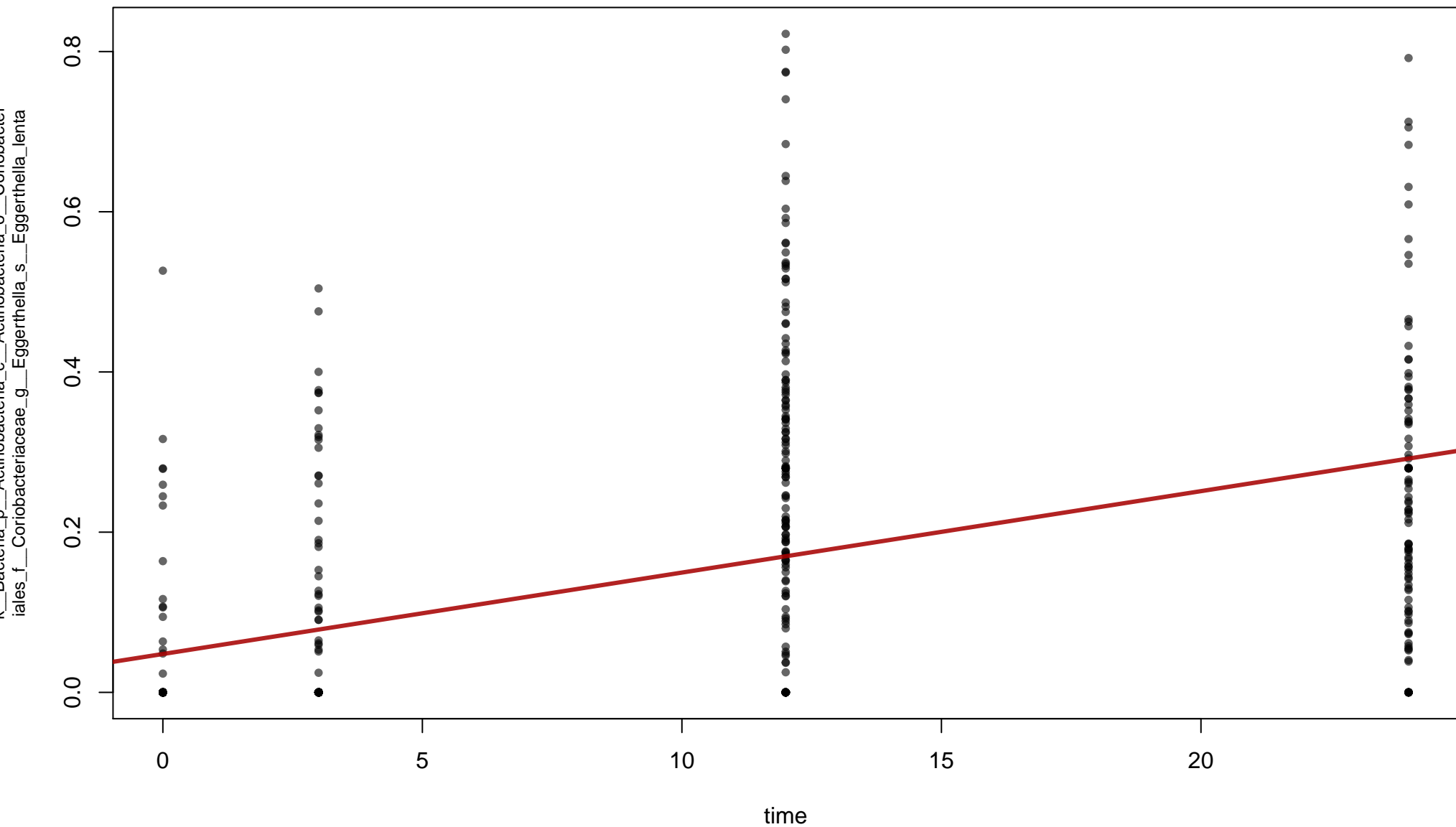
k_Bacteria_p__Firmicutes_c__Clostridia_o__Clostridiales_f__Lachnospiraceae_g__Roseburia_s__Roseburia_inulinivoran



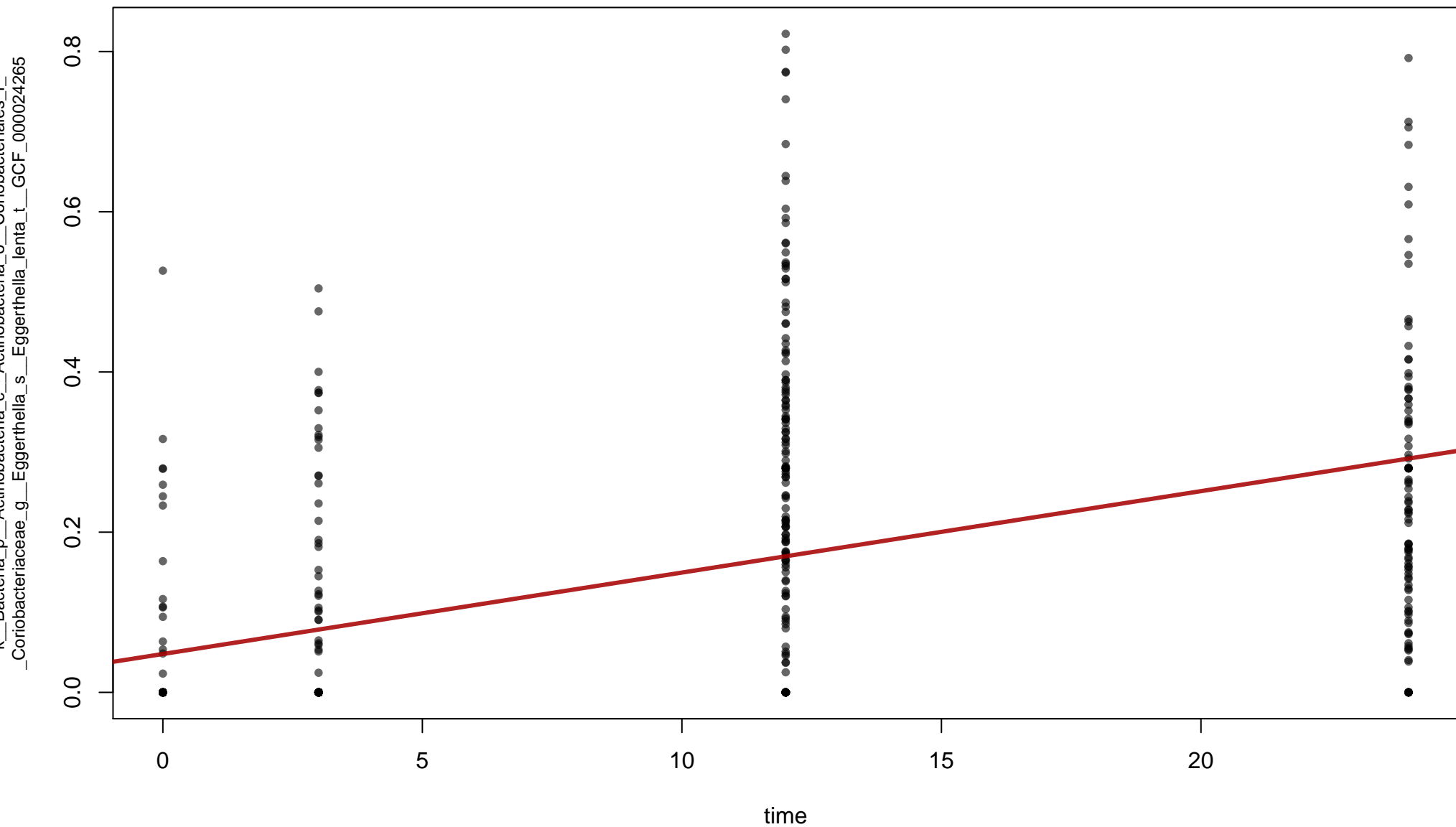
time (0.0122 sd 0.000925, p=7.28e-32, q=3.74e-30)



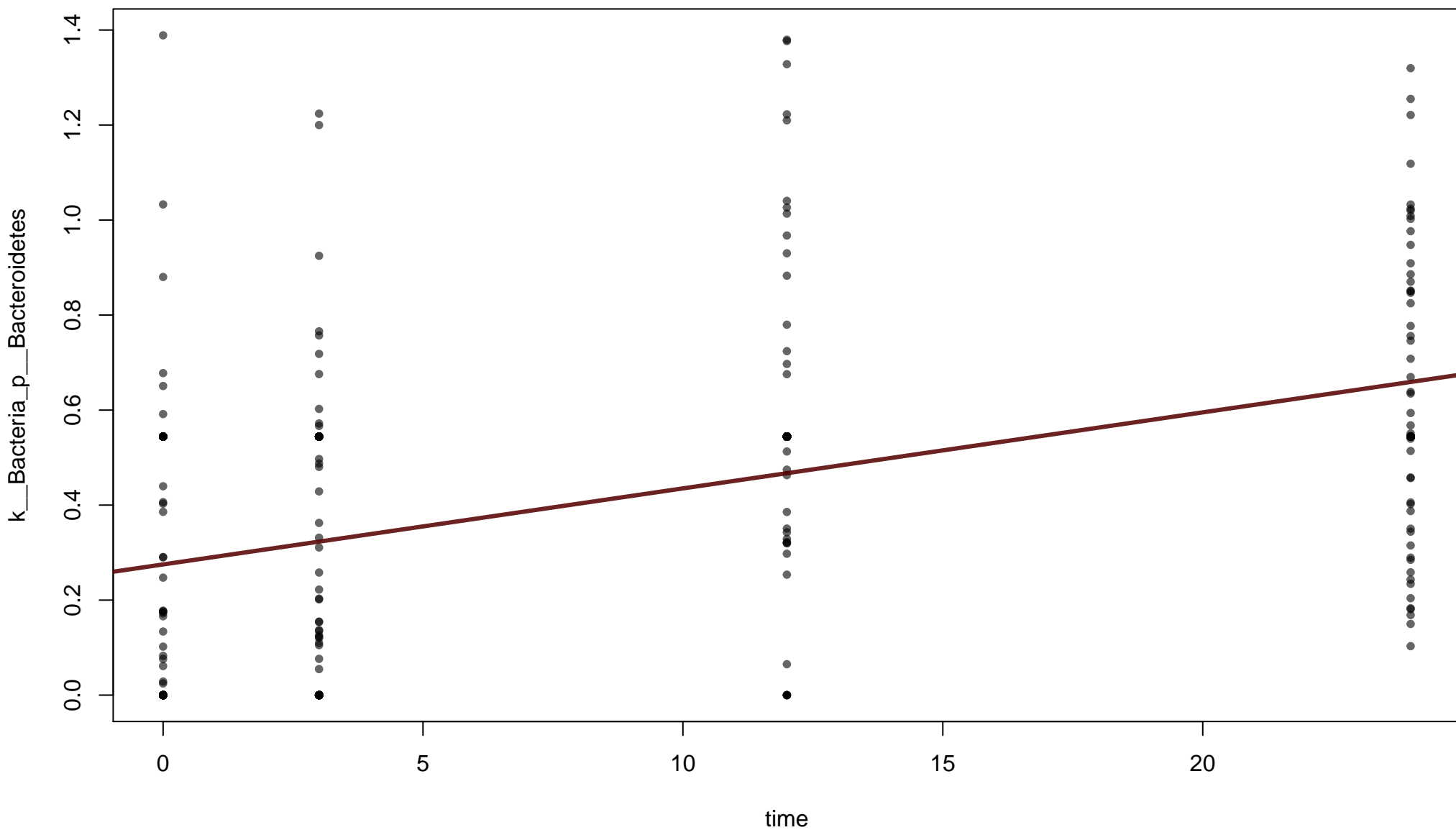
time (0.0102 sd 0.000782, p=1.32e-31, q=6.55e-30)



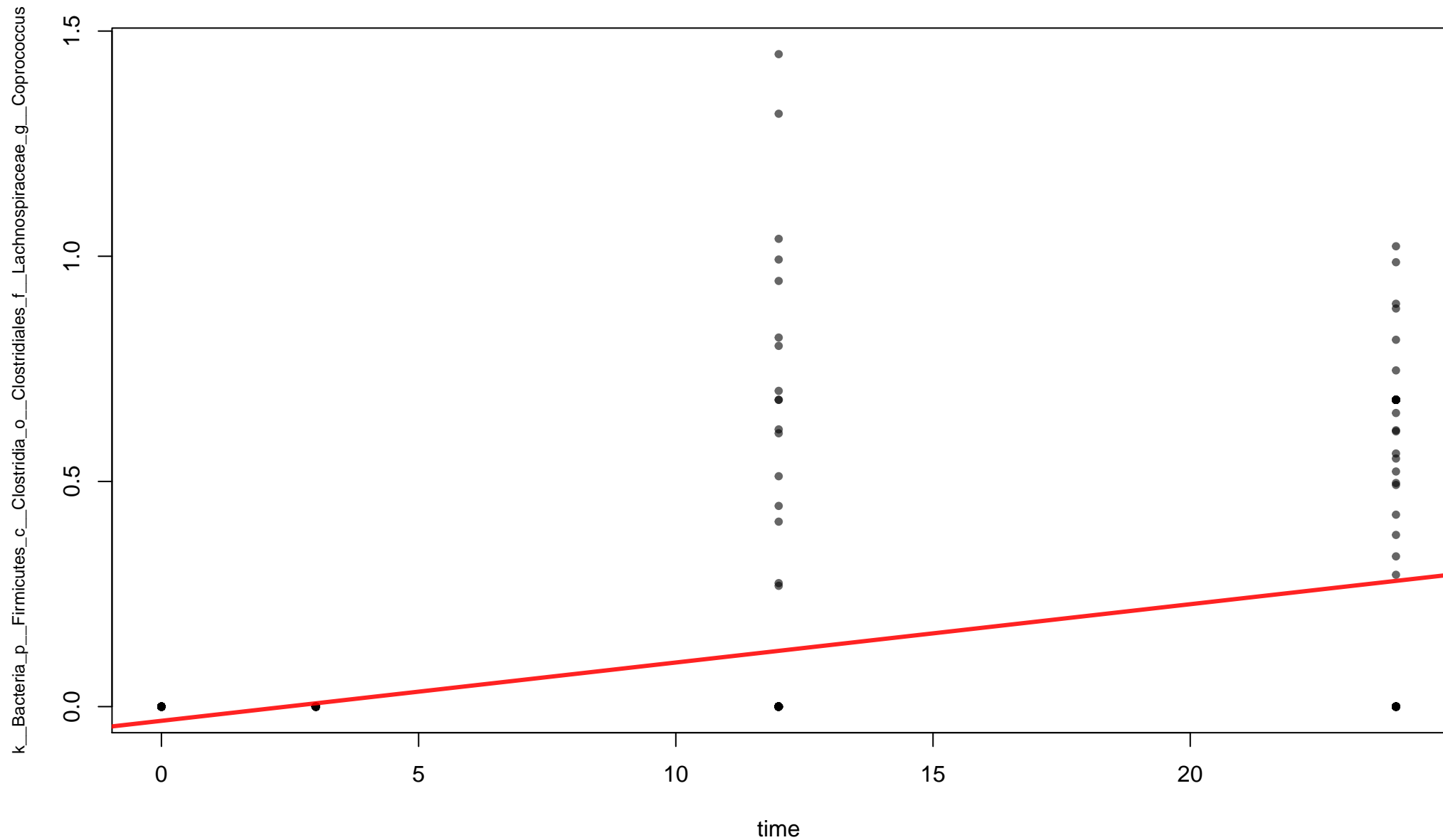
time (0.0102 sd 0.000782, p=1.32e-31, q=6.55e-30)



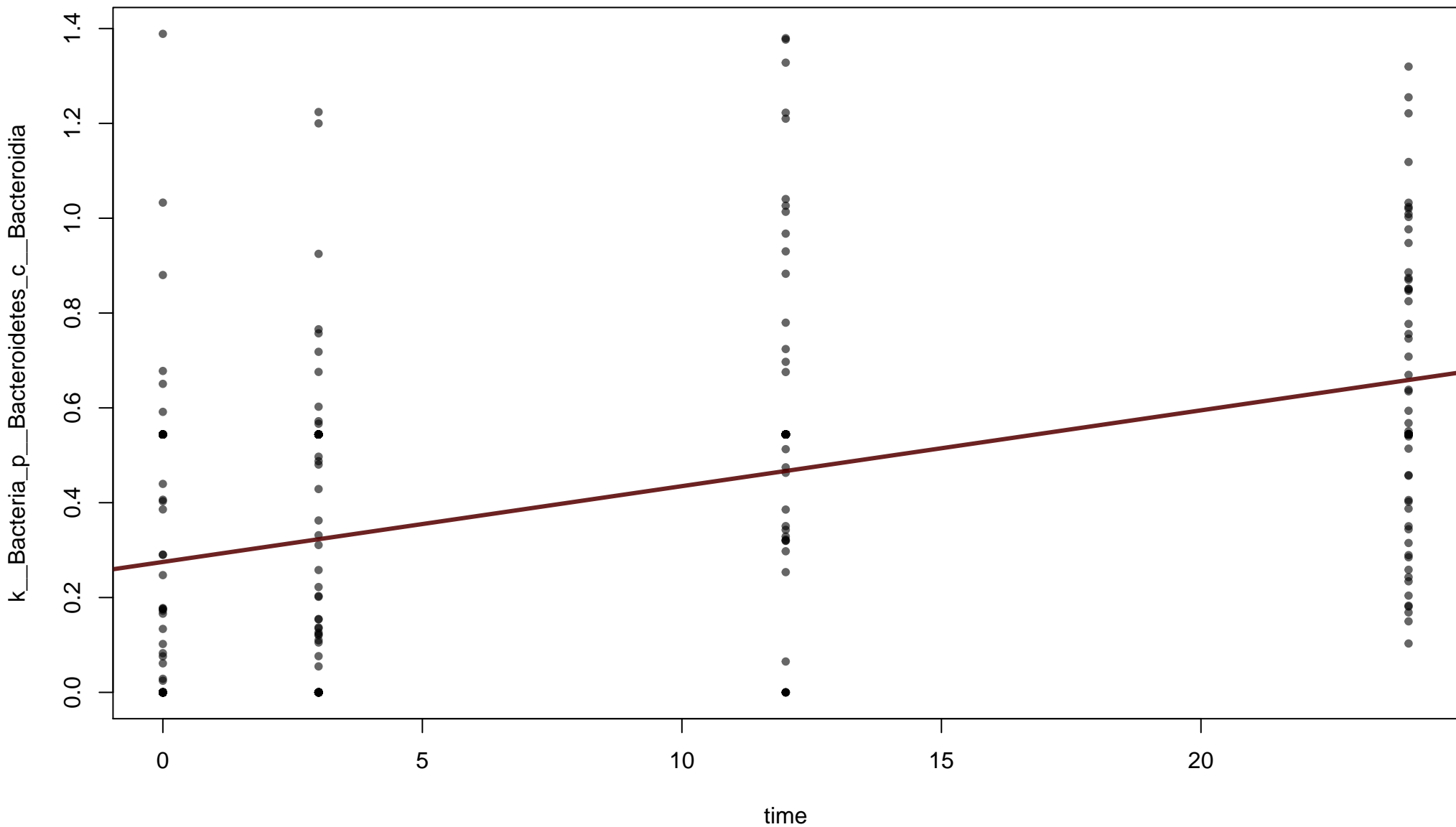
time (0.0161 sd 0.00127, p=5.1e-30, q=2.49e-28)



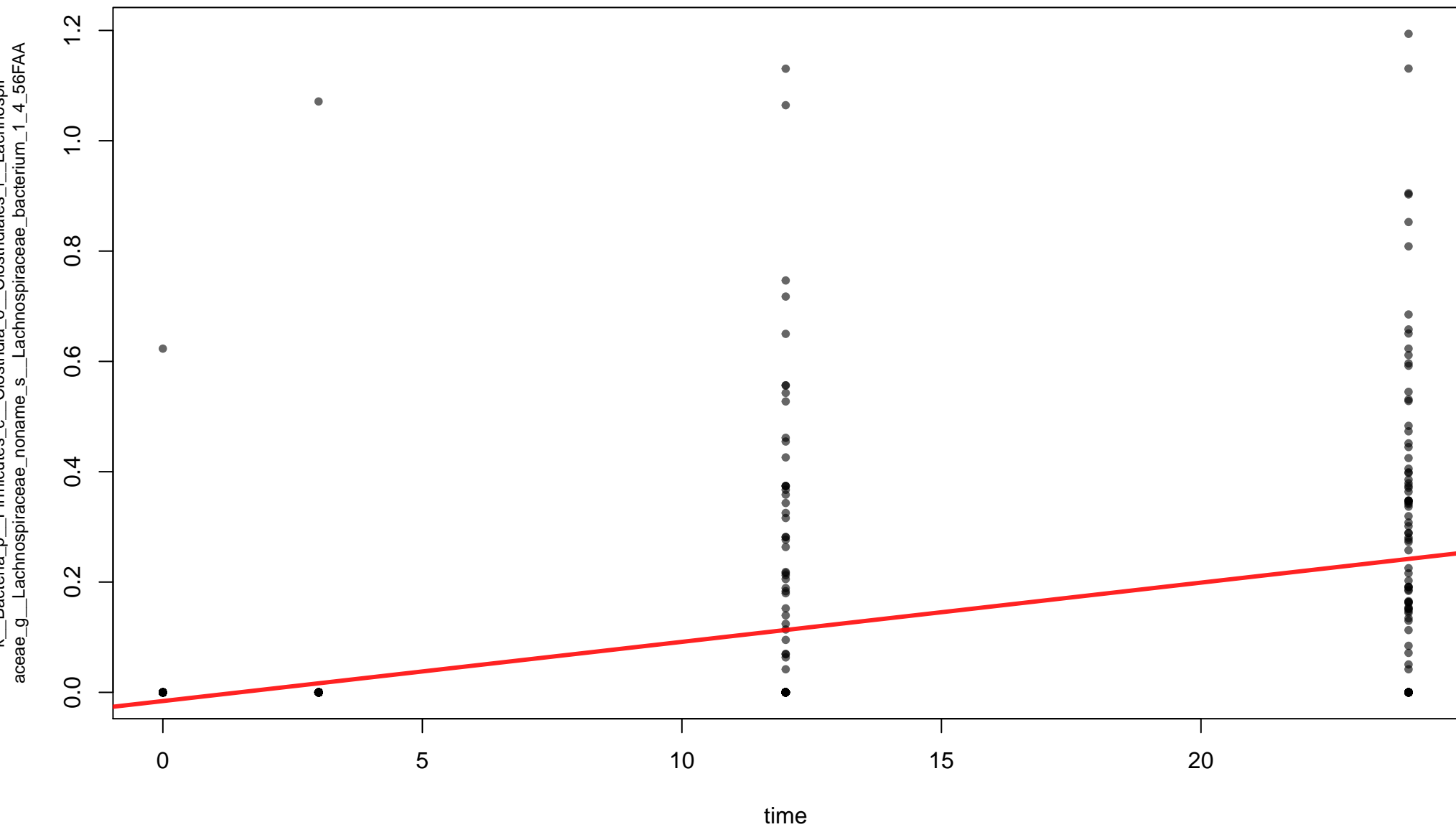
time (0.0129 sd 0.00102, p=5.18e-30, q=2.49e-28)



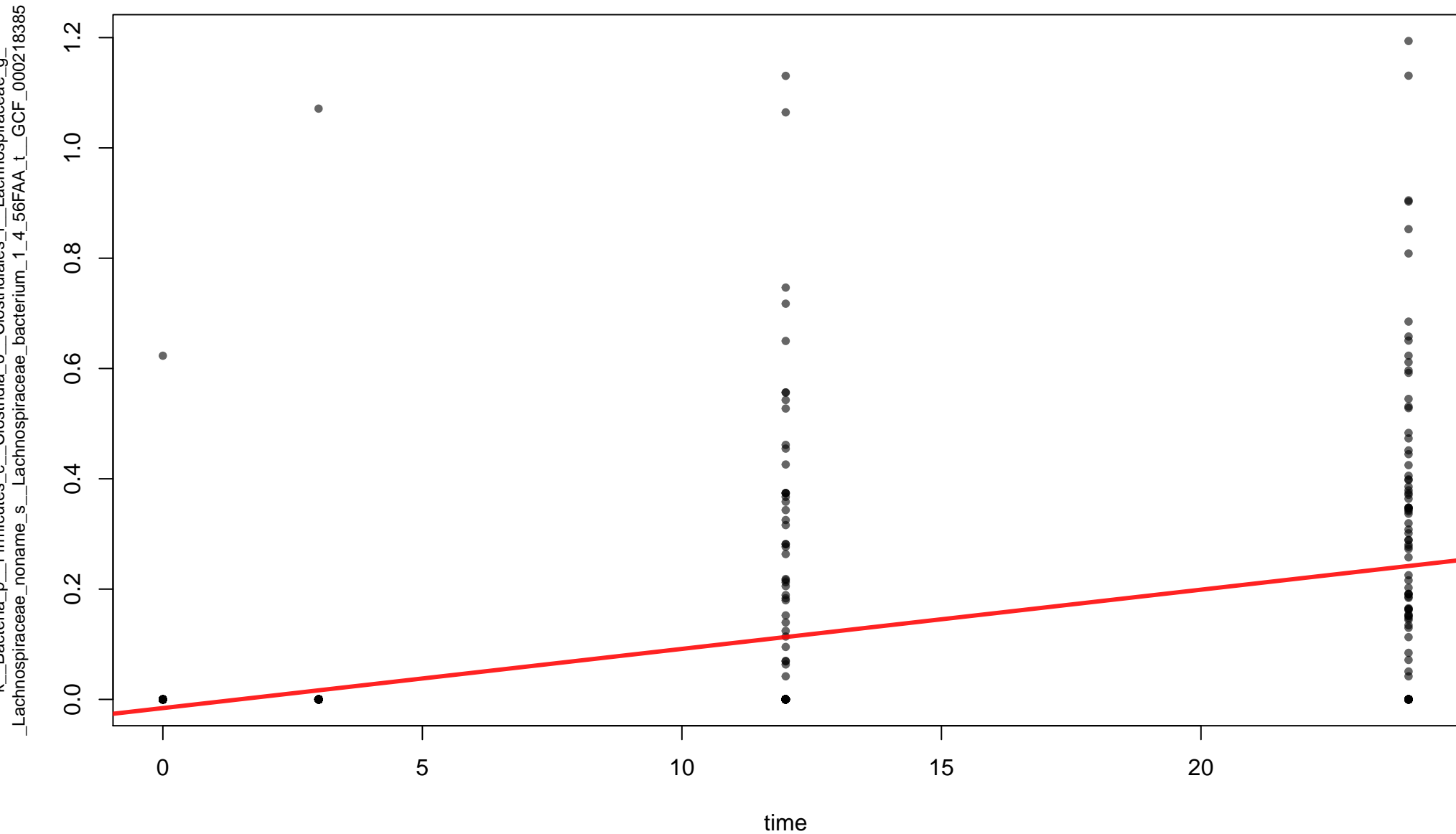
time (0.0161 sd 0.00127, p=5.28e-30, q=2.5e-28)



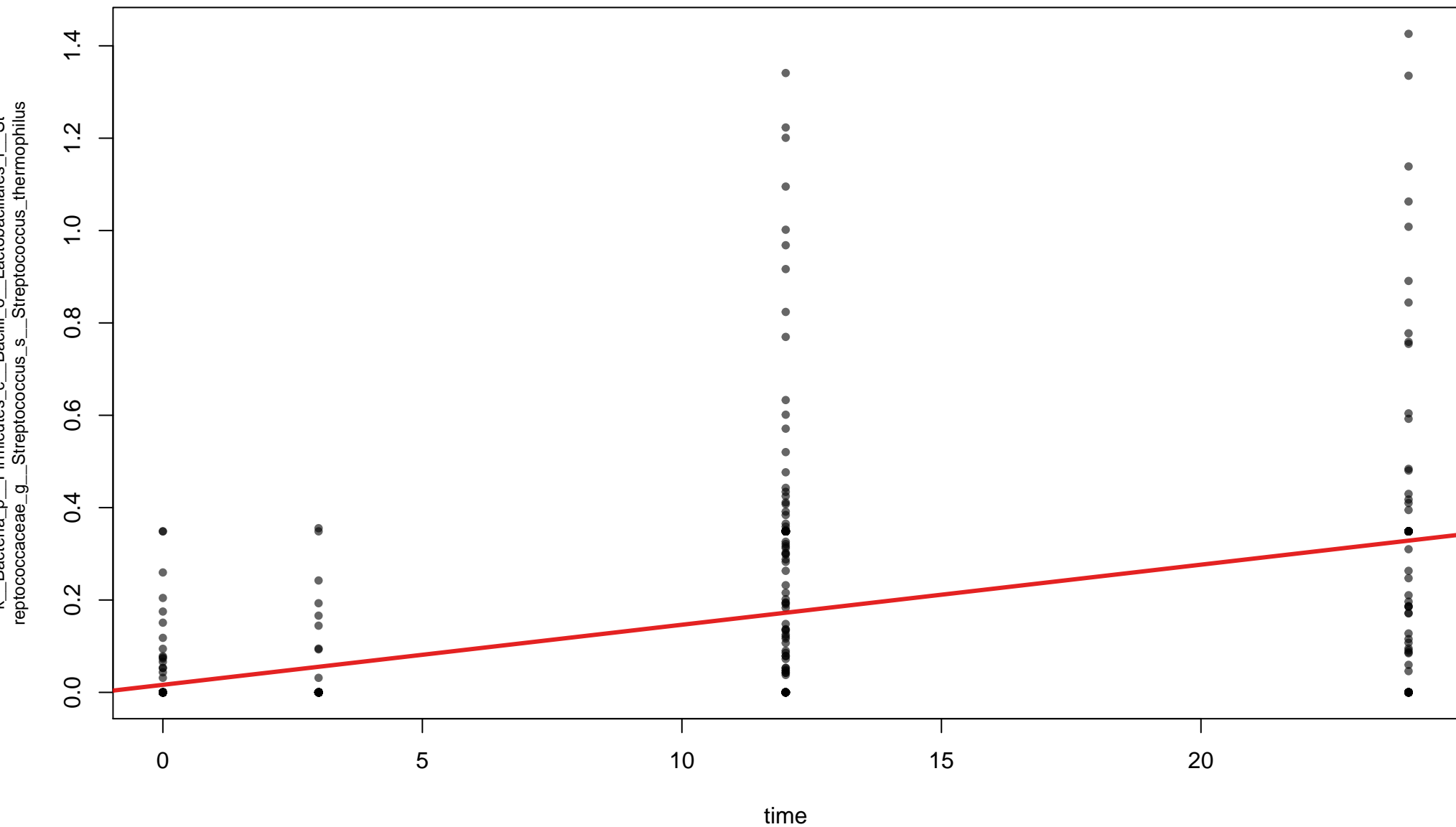
time (0.0108 sd 0.000856, p=1.02e-29, q=4.67e-28)



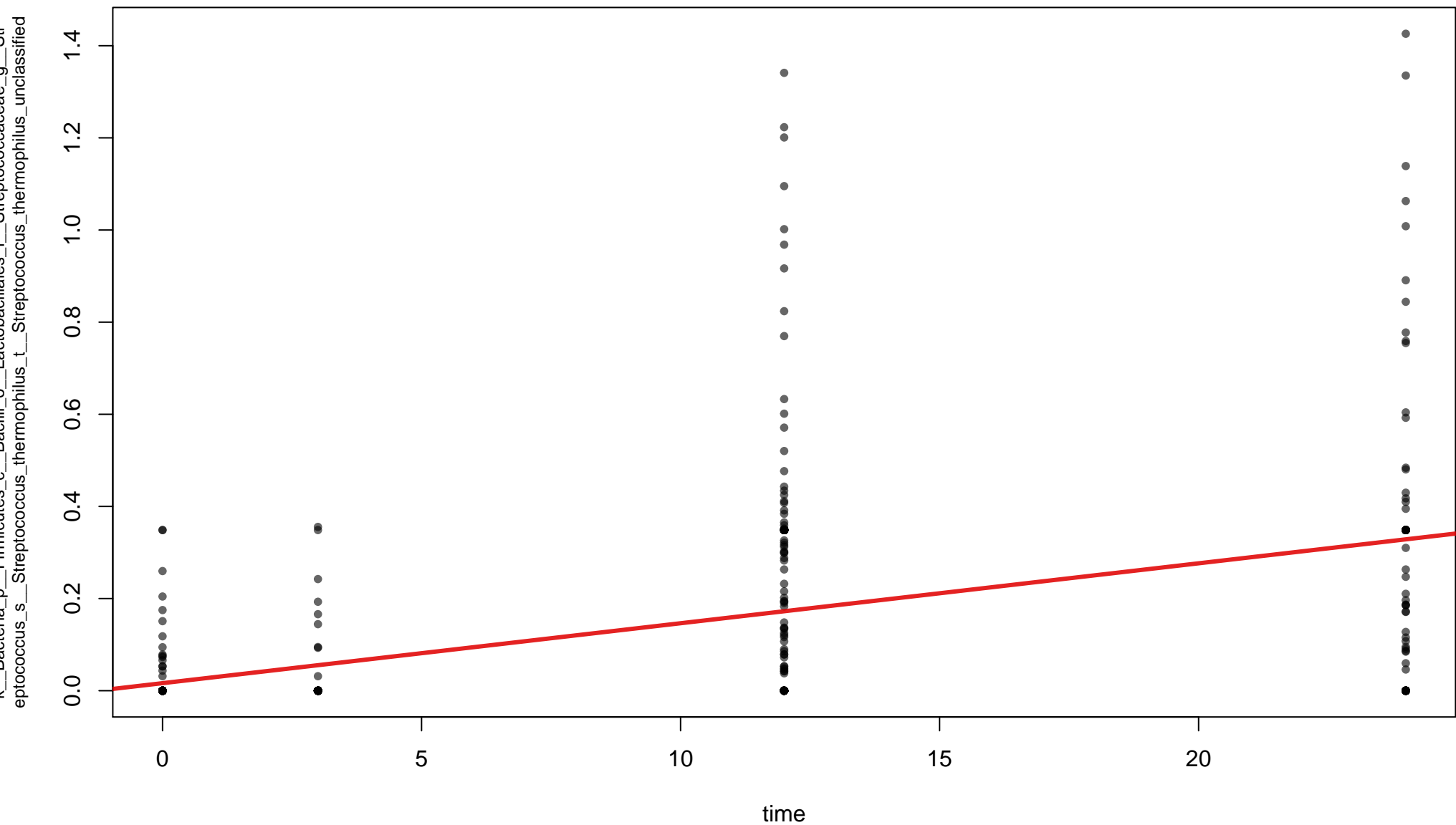
time (0.0108 sd 0.000856, p=1.02e-29, q=4.67e-28)



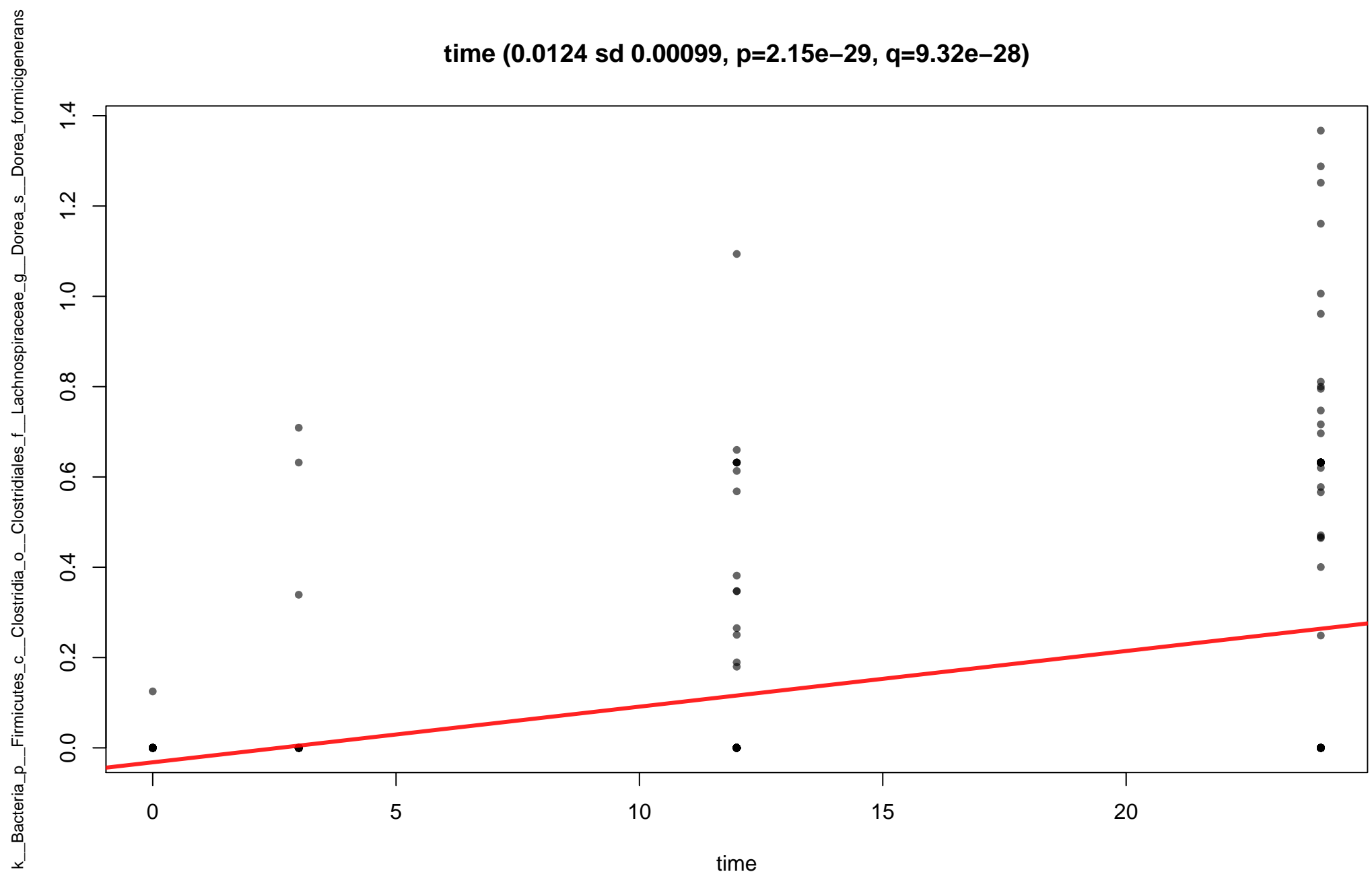
time (0.013 sd 0.00104, p=1.41e-29, q=6.27e-28)



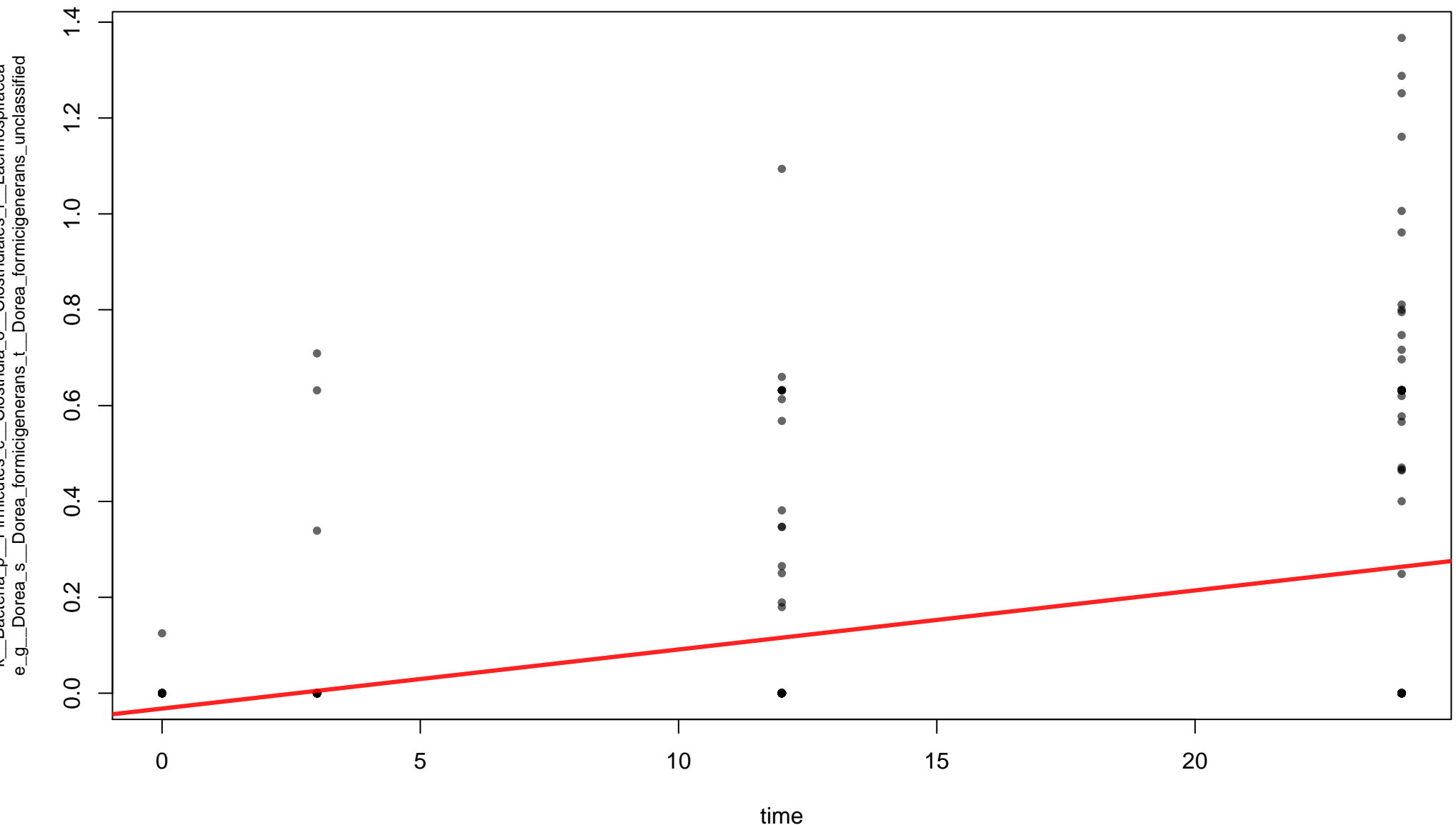
time (0.013 sd 0.00104, p=1.41e-29, q=6.27e-28)



time (0.0124 sd 0.00099, p=2.15e-29, q=9.32e-28)

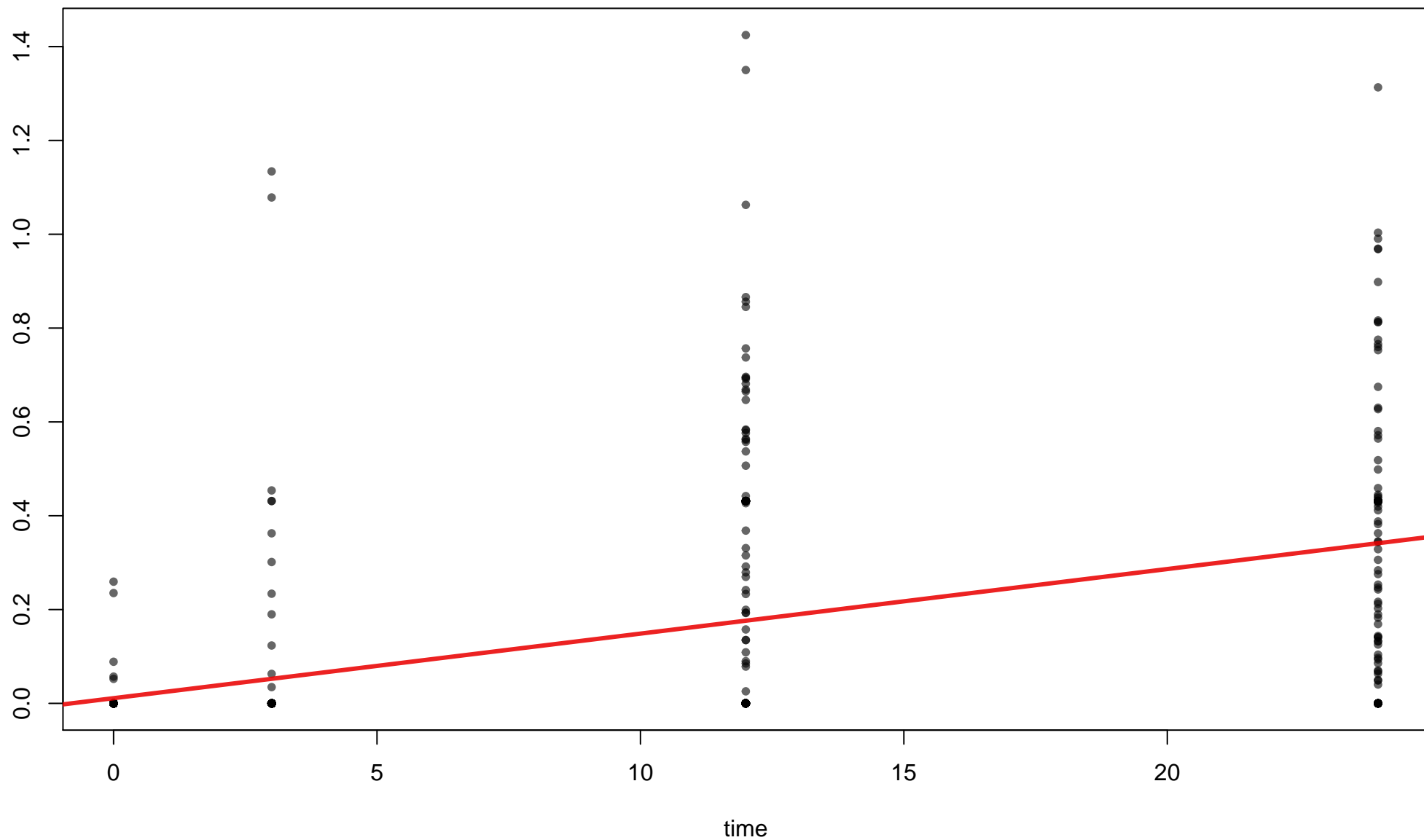


time (0.0124 sd 0.00099, p=2.15e-29, q=9.32e-28)

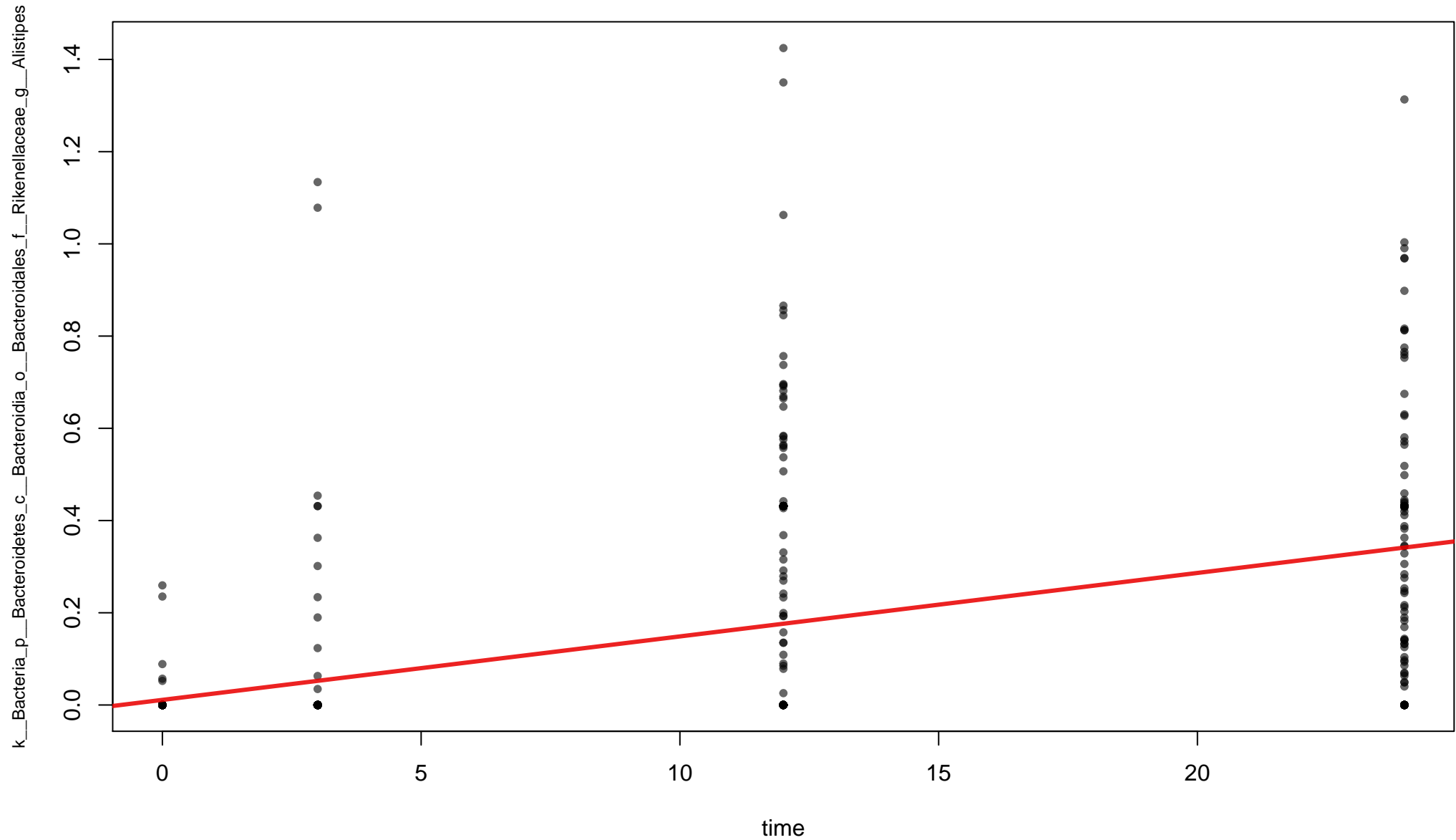


time (0.0137 sd 0.00111, p=4.89e-29, q=2.06e-27)

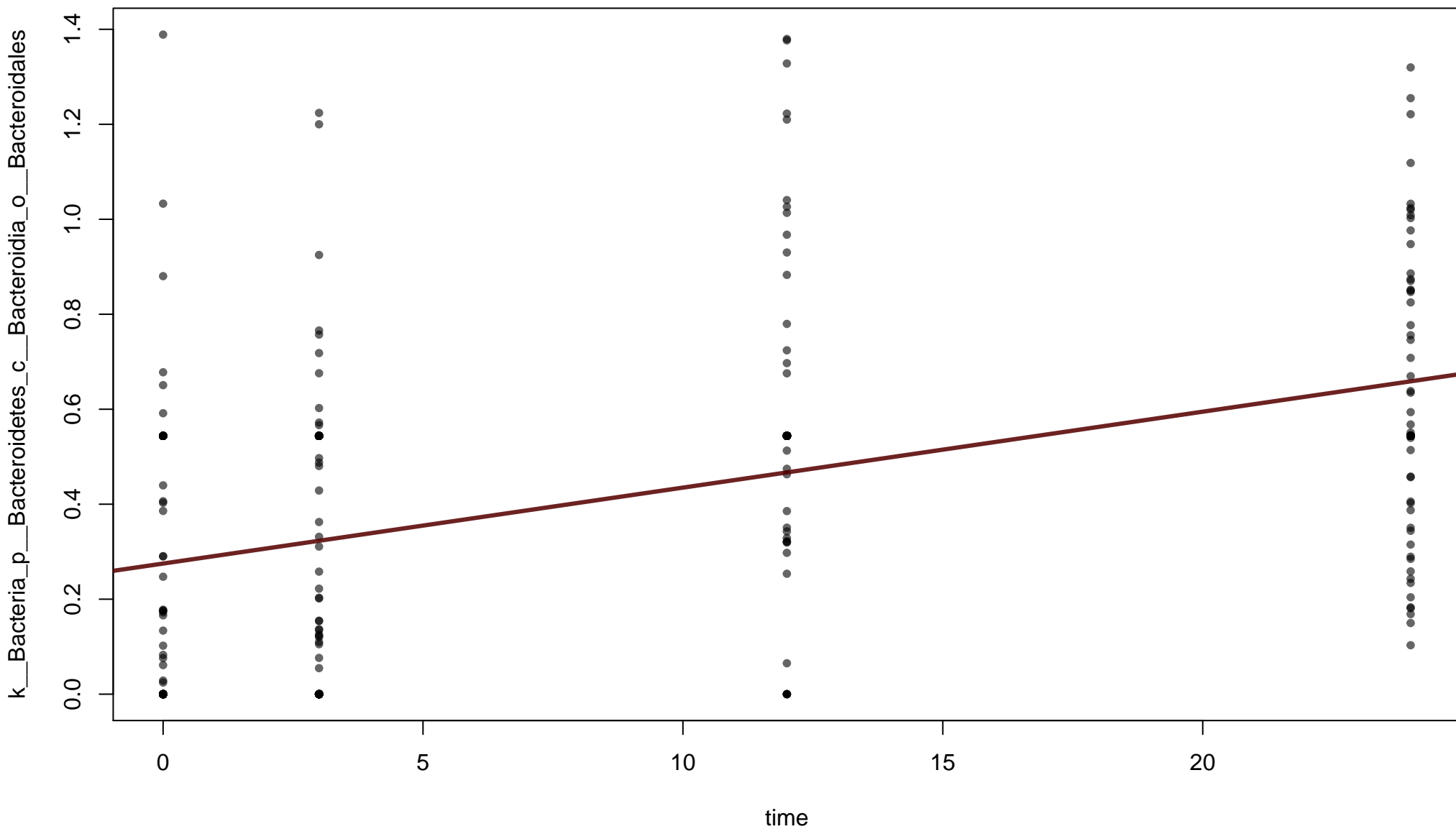
k_Bacteria_p_Bacteroidetes_c_Bacteroidia_o_Bacteroidales_f_Rikenellaceae



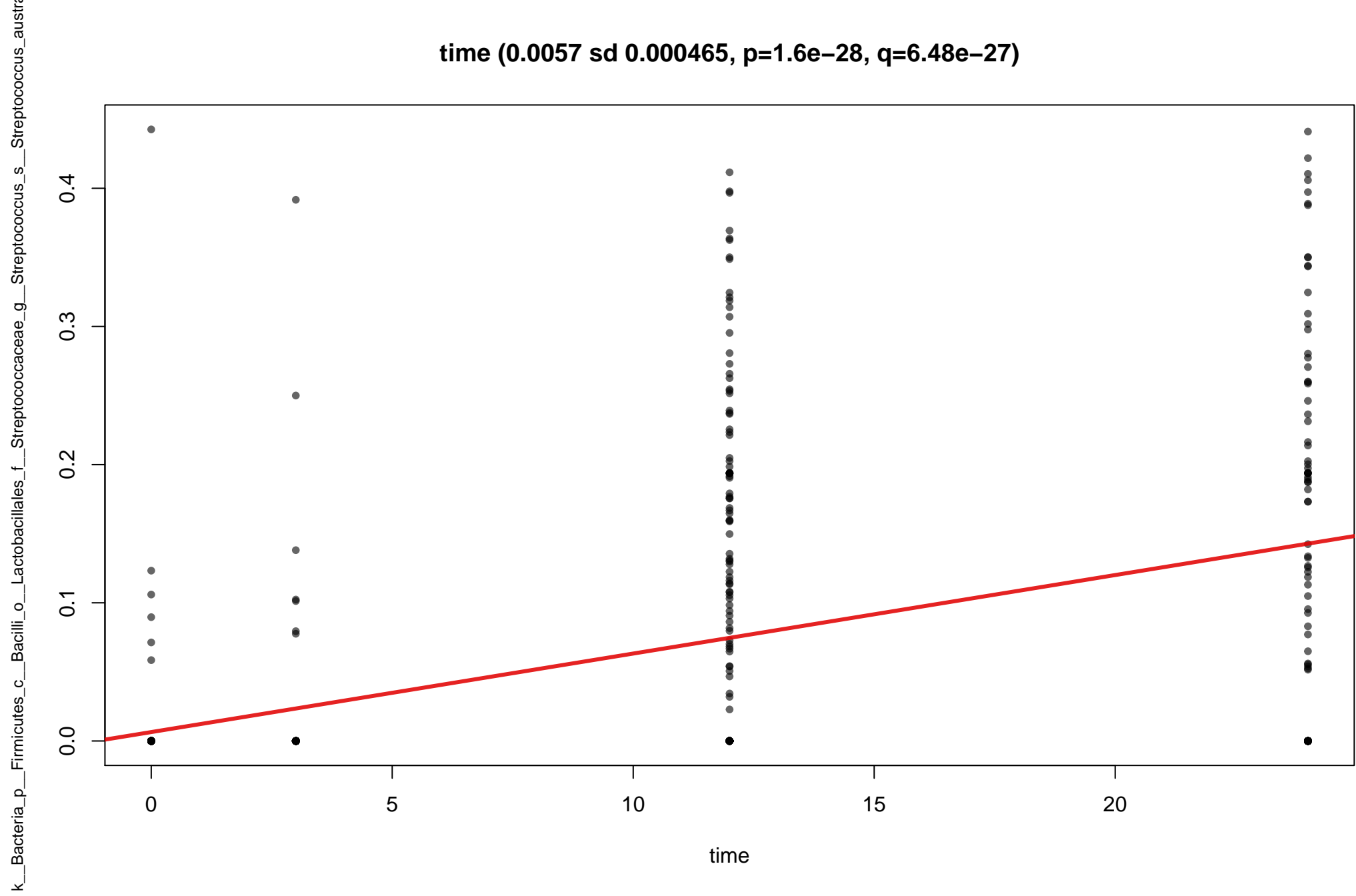
time (0.0137 sd 0.00111, p=4.89e-29, q=2.06e-27)



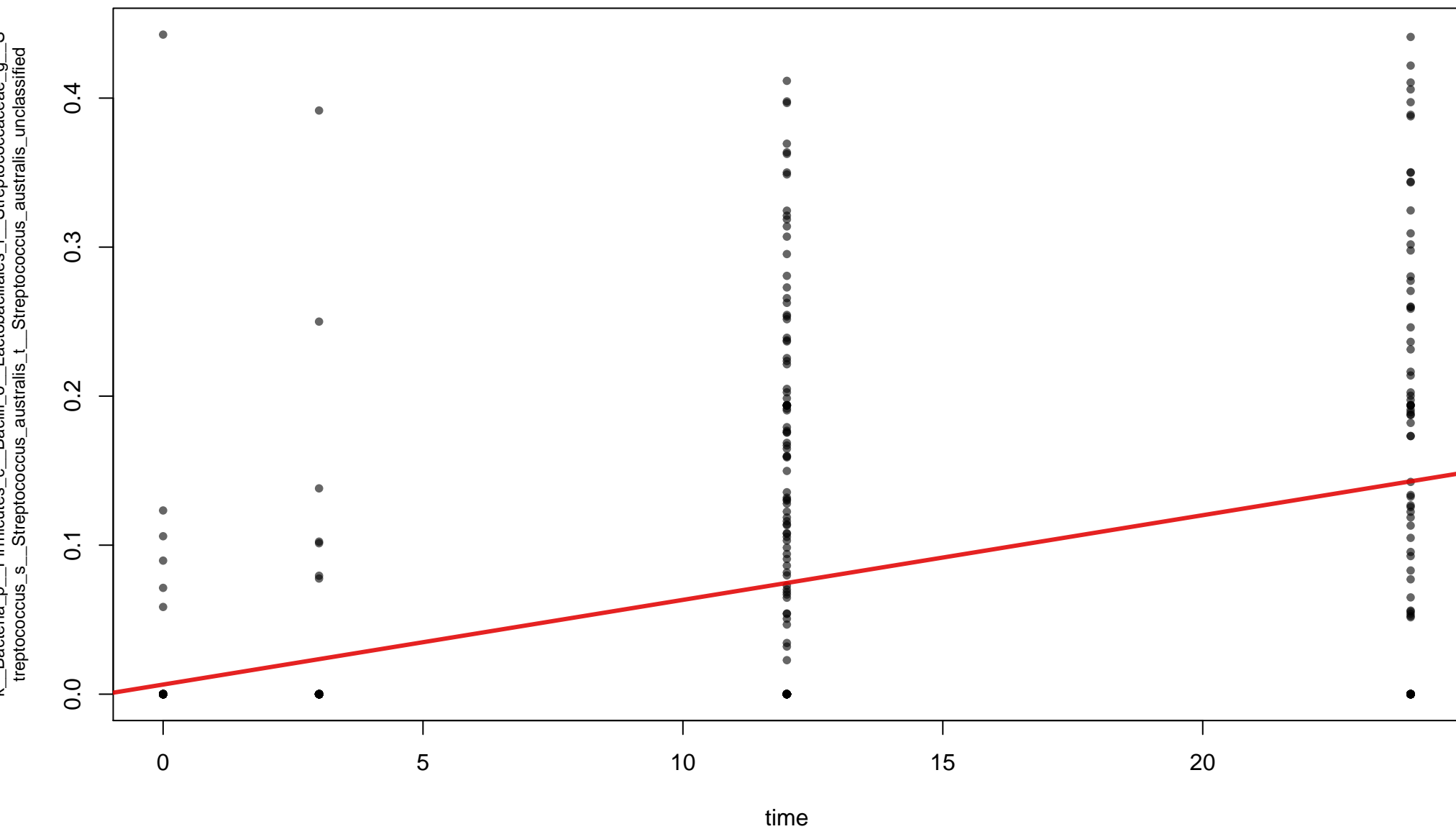
time (0.0157 sd 0.00127, p=8.32e-29, q=3.46e-27)



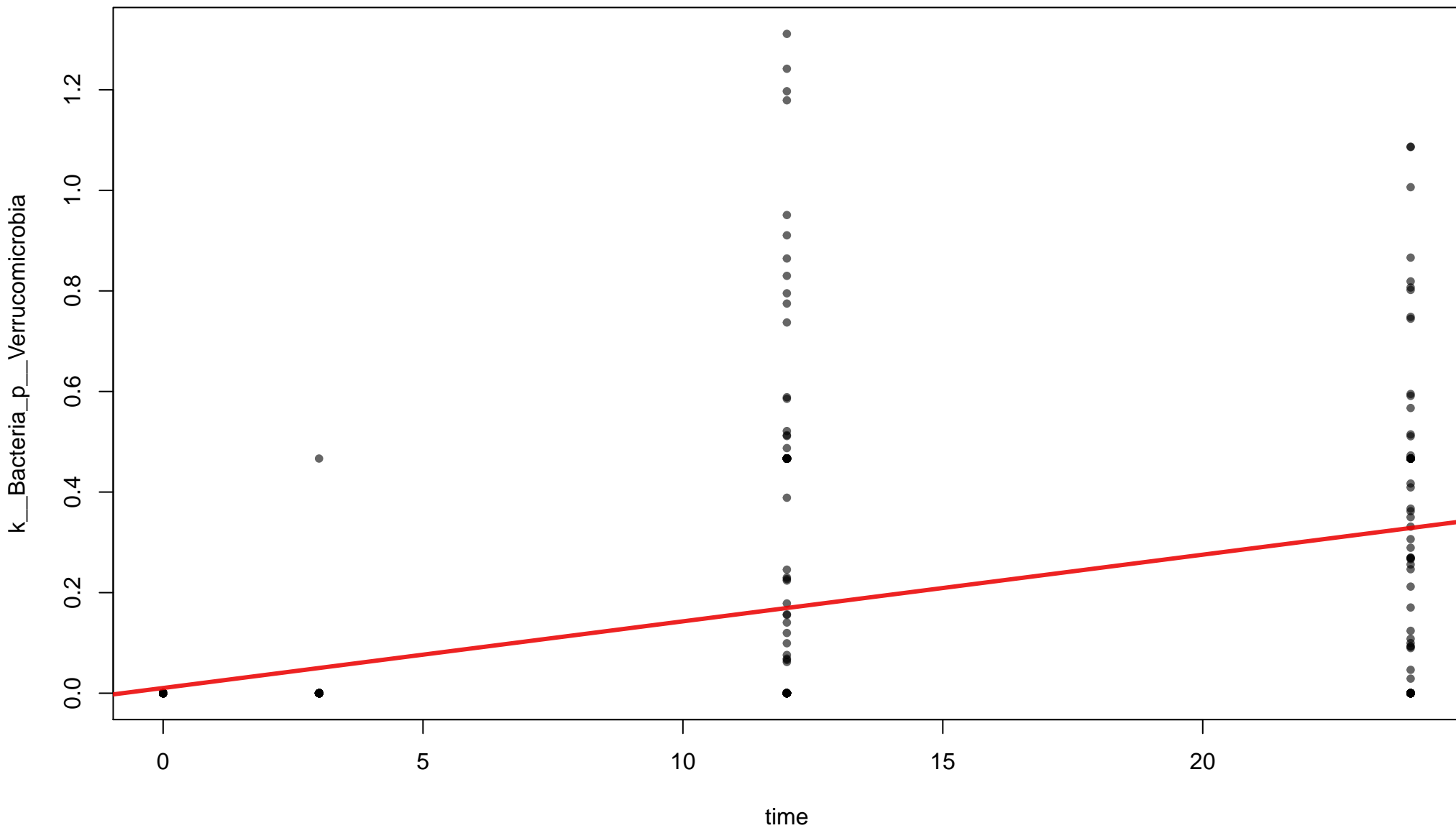
time (0.0057 sd 0.000465, p=1.6e-28, q=6.48e-27)



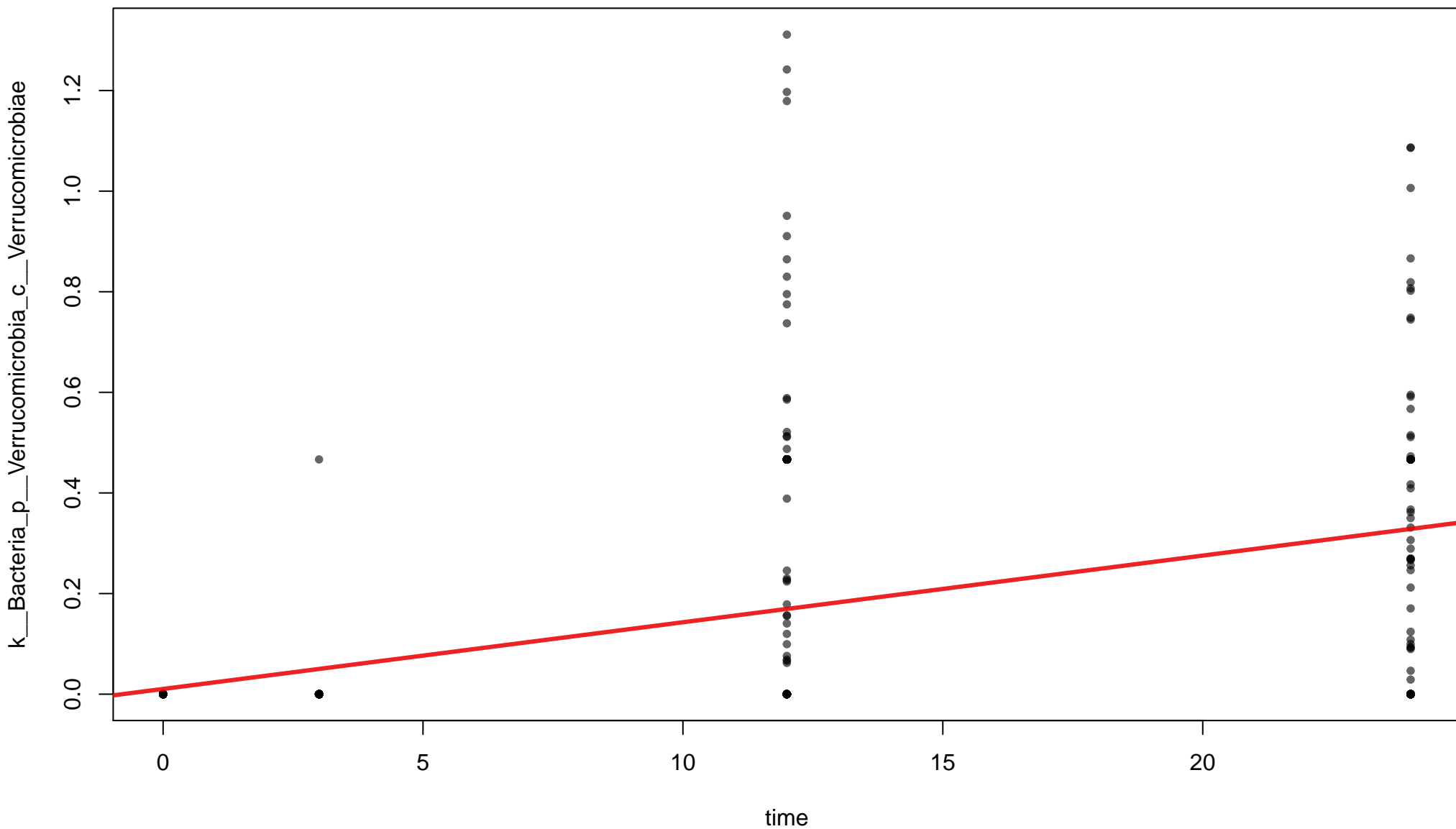
time (0.0057 sd 0.000465, p=1.6e-28, q=6.48e-27)



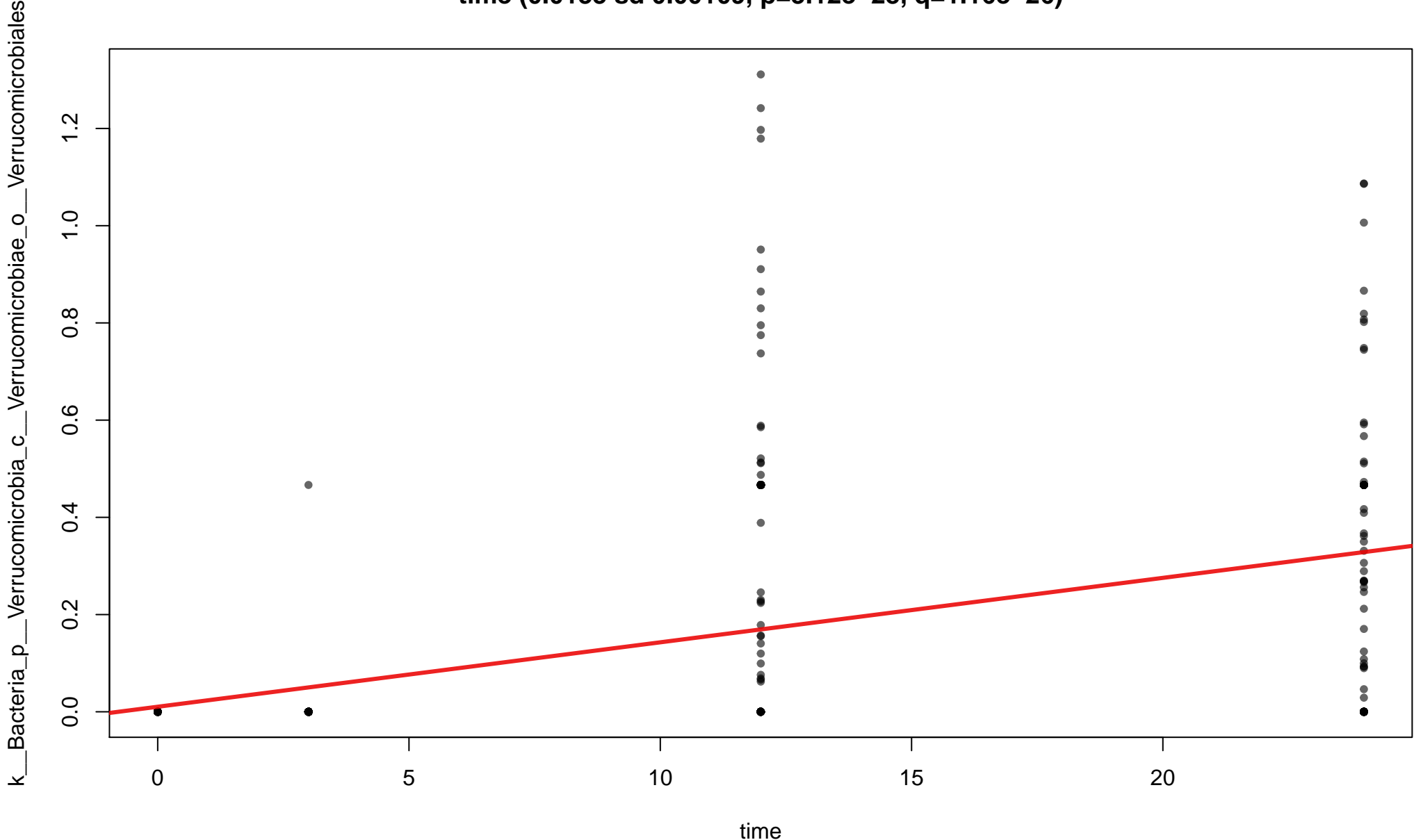
time (0.0133 sd 0.00109, p=3.12e-28, q=1.16e-26)



time (0.0133 sd 0.00109, p=3.12e-28, q=1.16e-26)

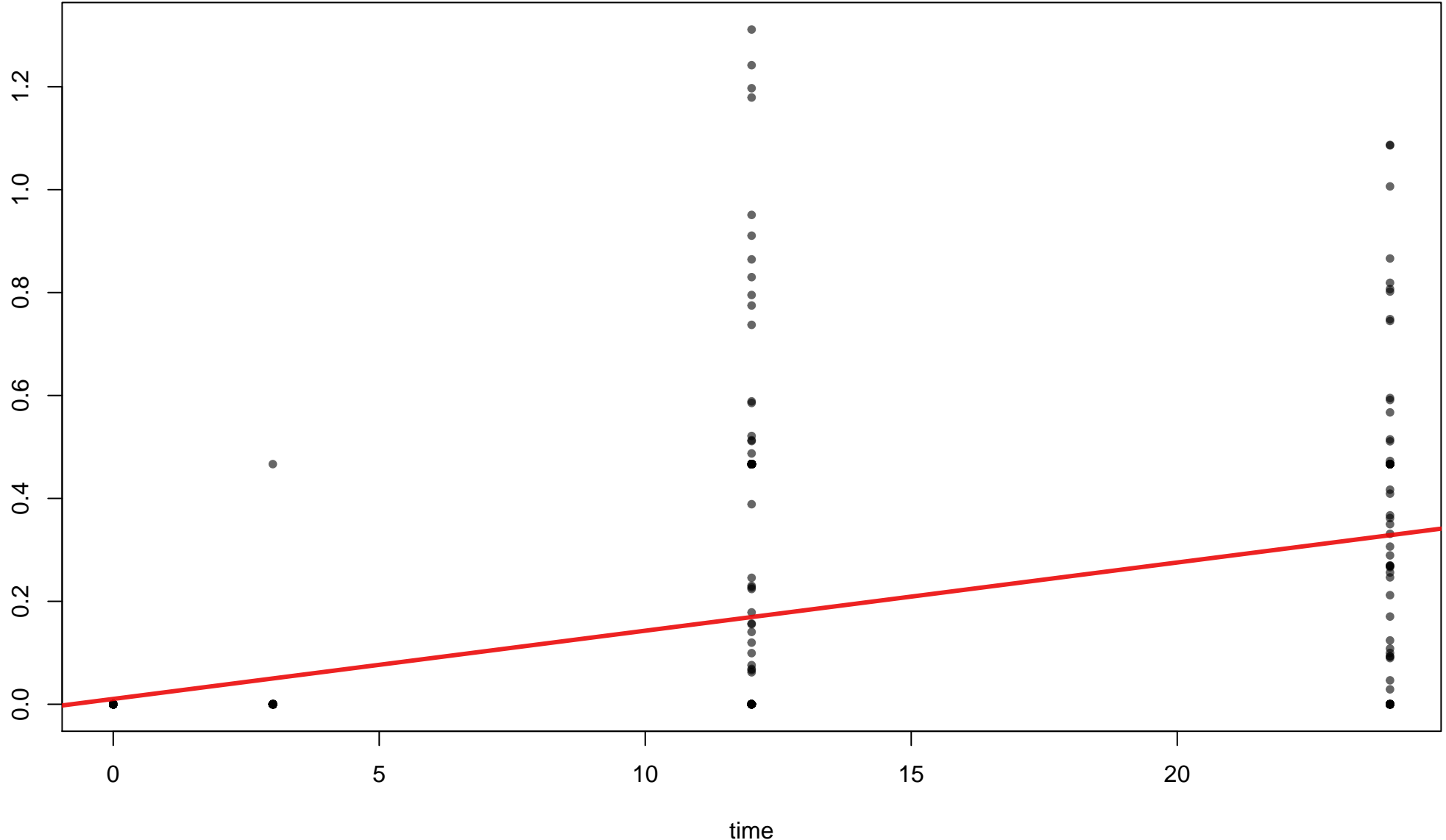


time (0.0133 sd 0.00109, p=3.12e-28, q=1.16e-26)

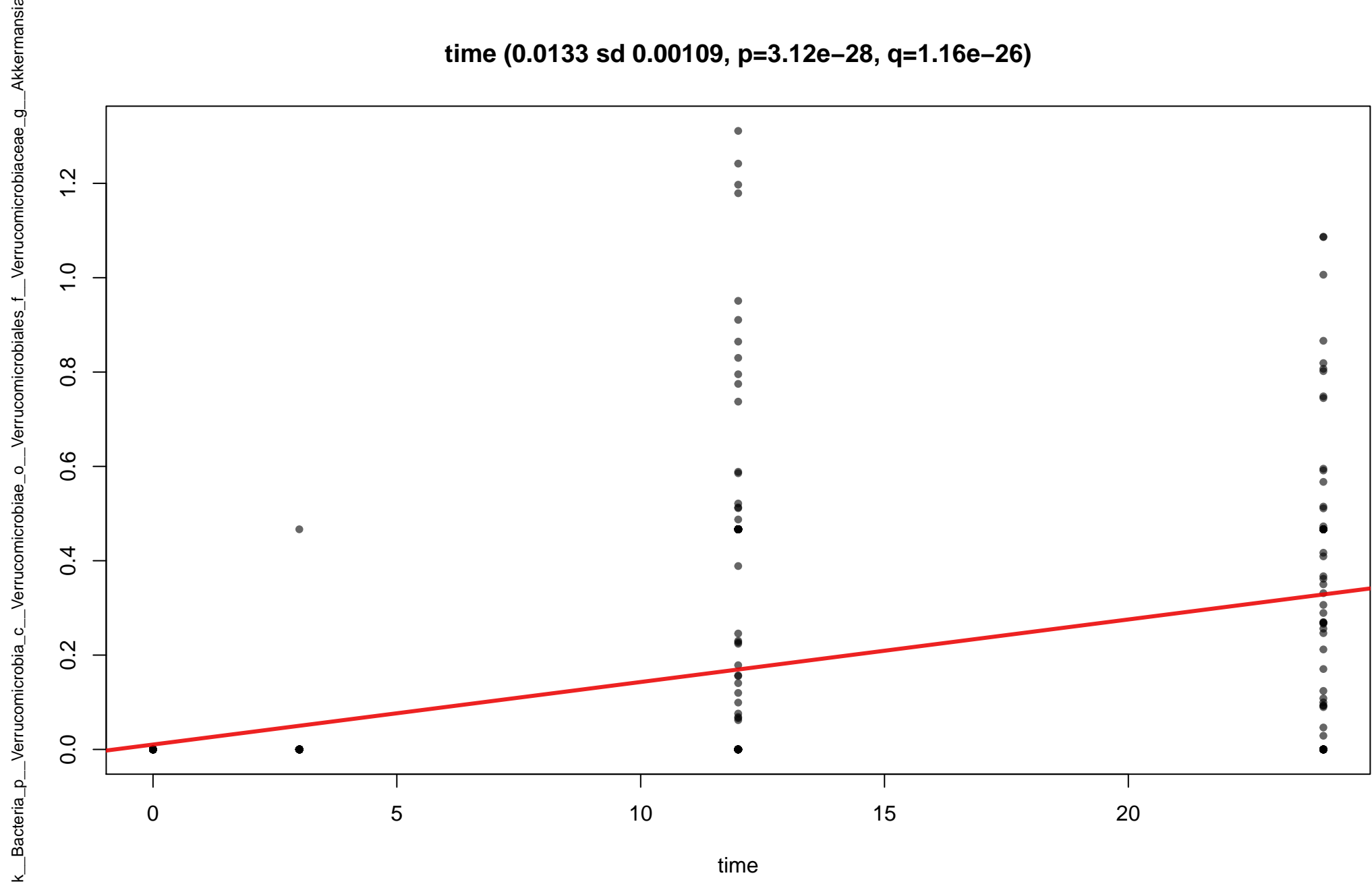


time (0.0133 sd 0.00109, p=3.12e-28, q=1.16e-26)

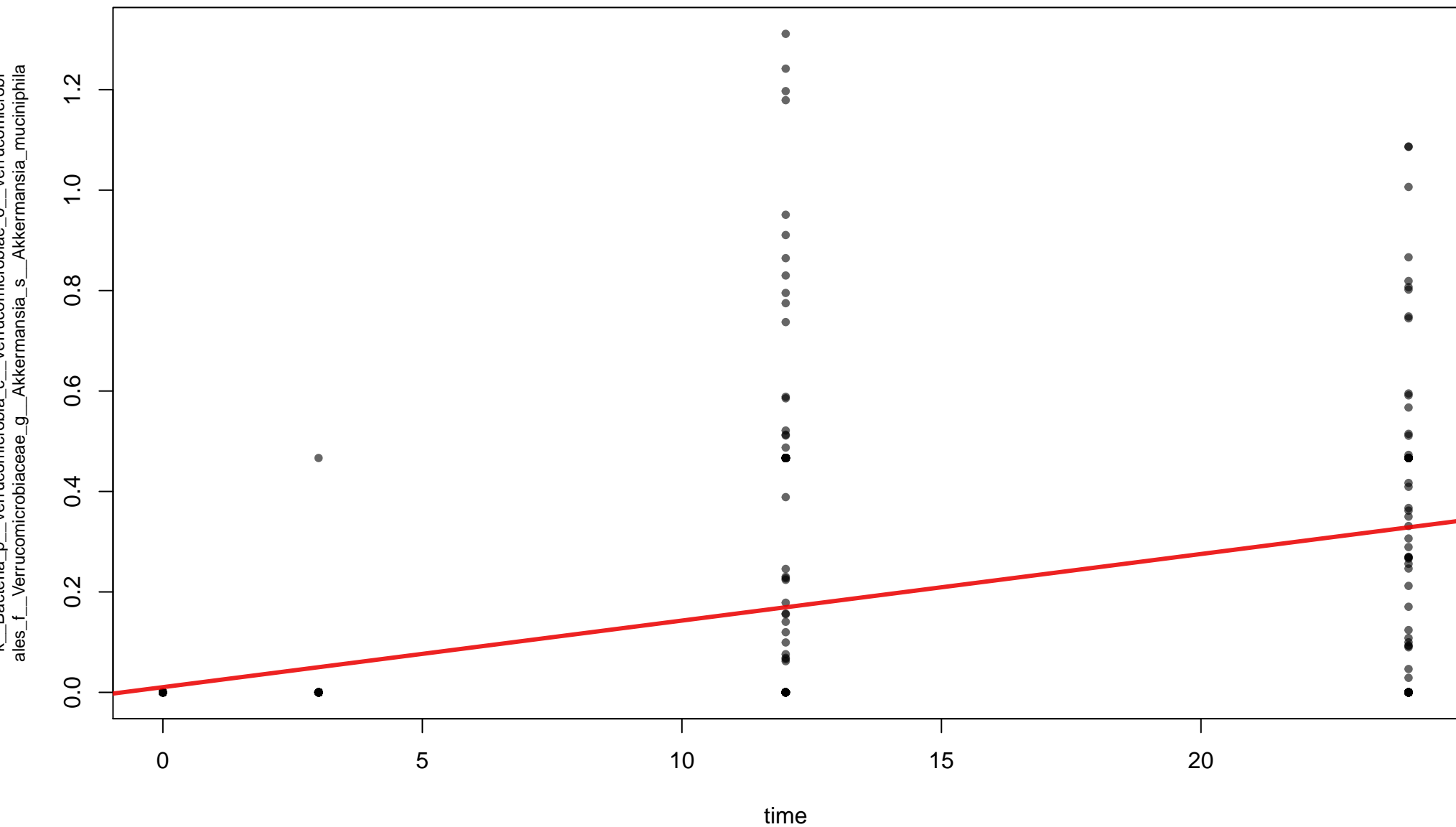
k_Bacteria_p__Verrucomicrobia_c__Verrucomicrobiae_o__Verrucomicrobiales_f__Verrucomicrobiaceae



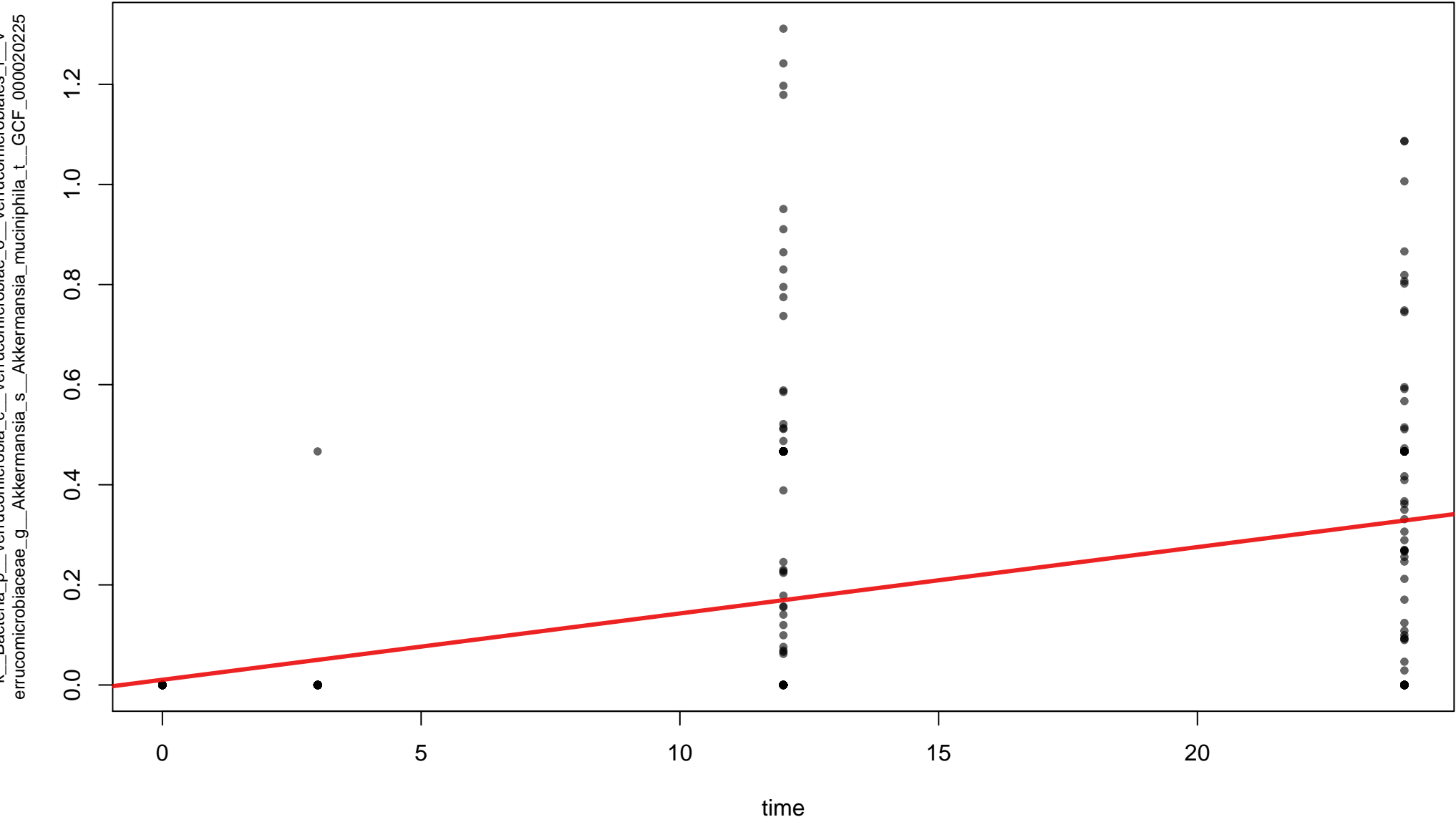
time (0.0133 sd 0.00109, p=3.12e-28, q=1.16e-26)



time (0.0133 sd 0.00109, p=3.12e-28, q=1.16e-26)

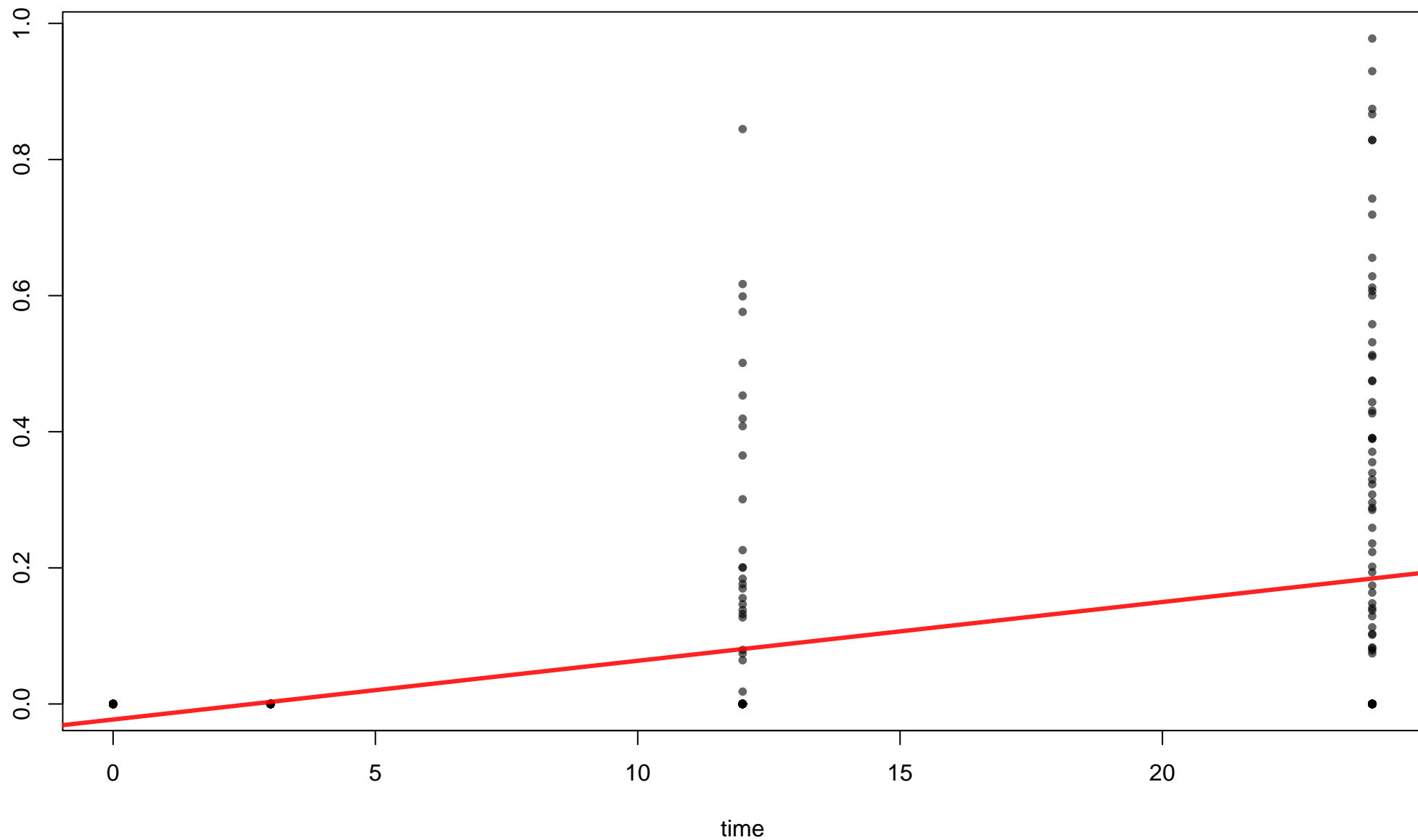


time (0.0133 sd 0.00109, p=3.12e-28, q=1.16e-26)

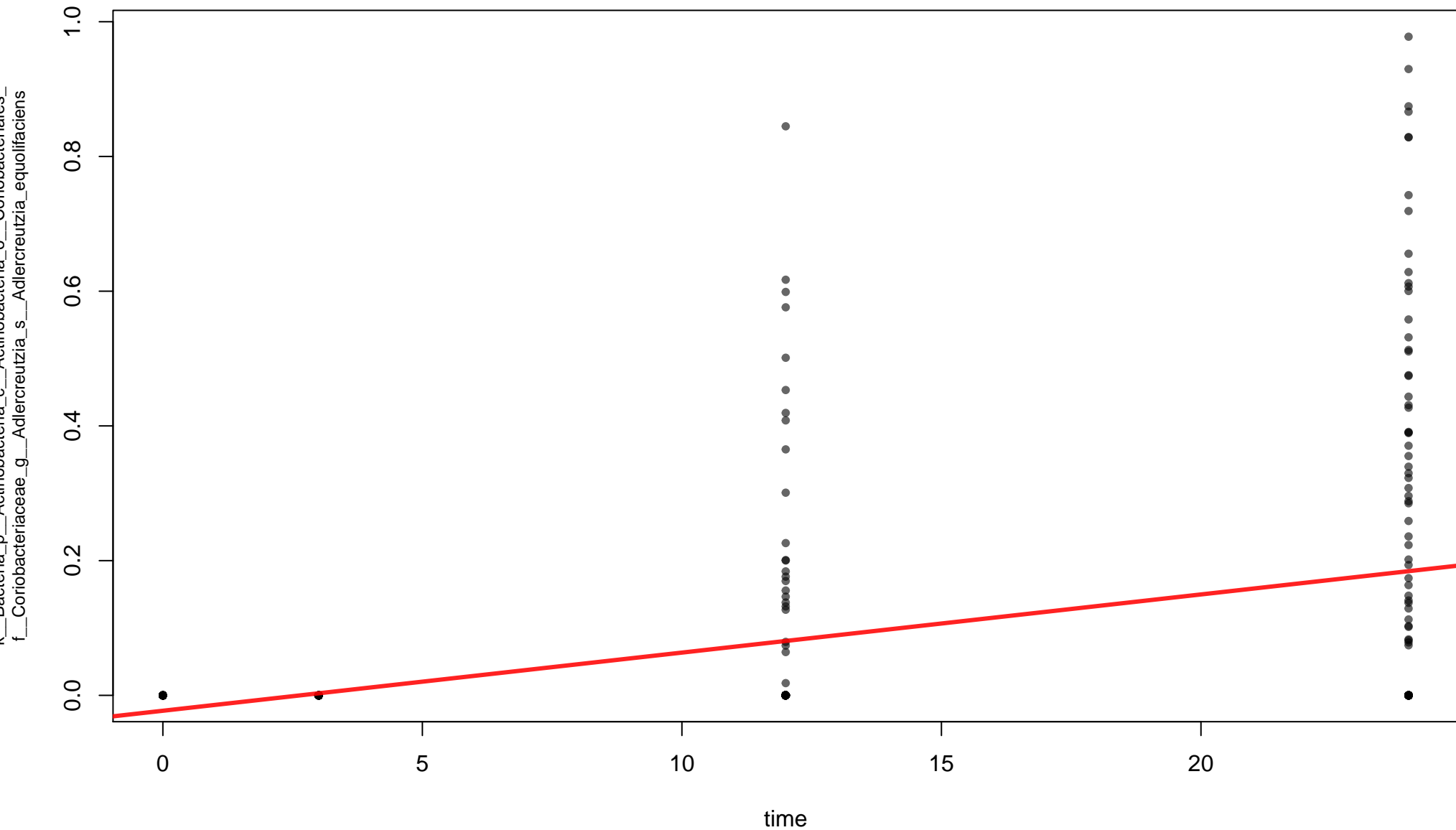


time (0.00859 sd 0.000712, p=7.95e-28, q=2.84e-26)

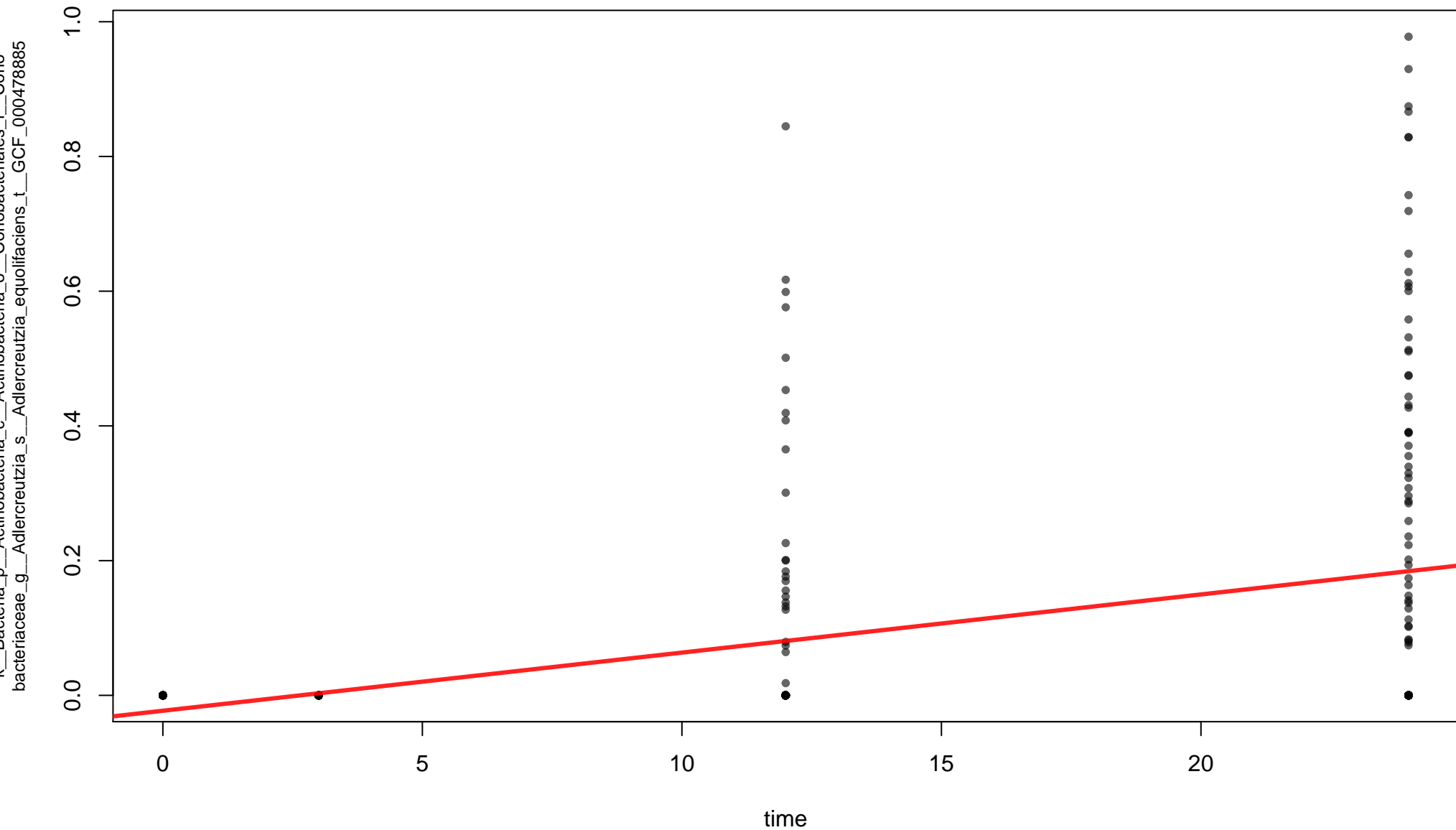
k__Bacteria_p__Actinobacteria_c__Actinobacteria_o__Coriobacteriales_f__Coriobacteriaceae_g__Adlercreutzia



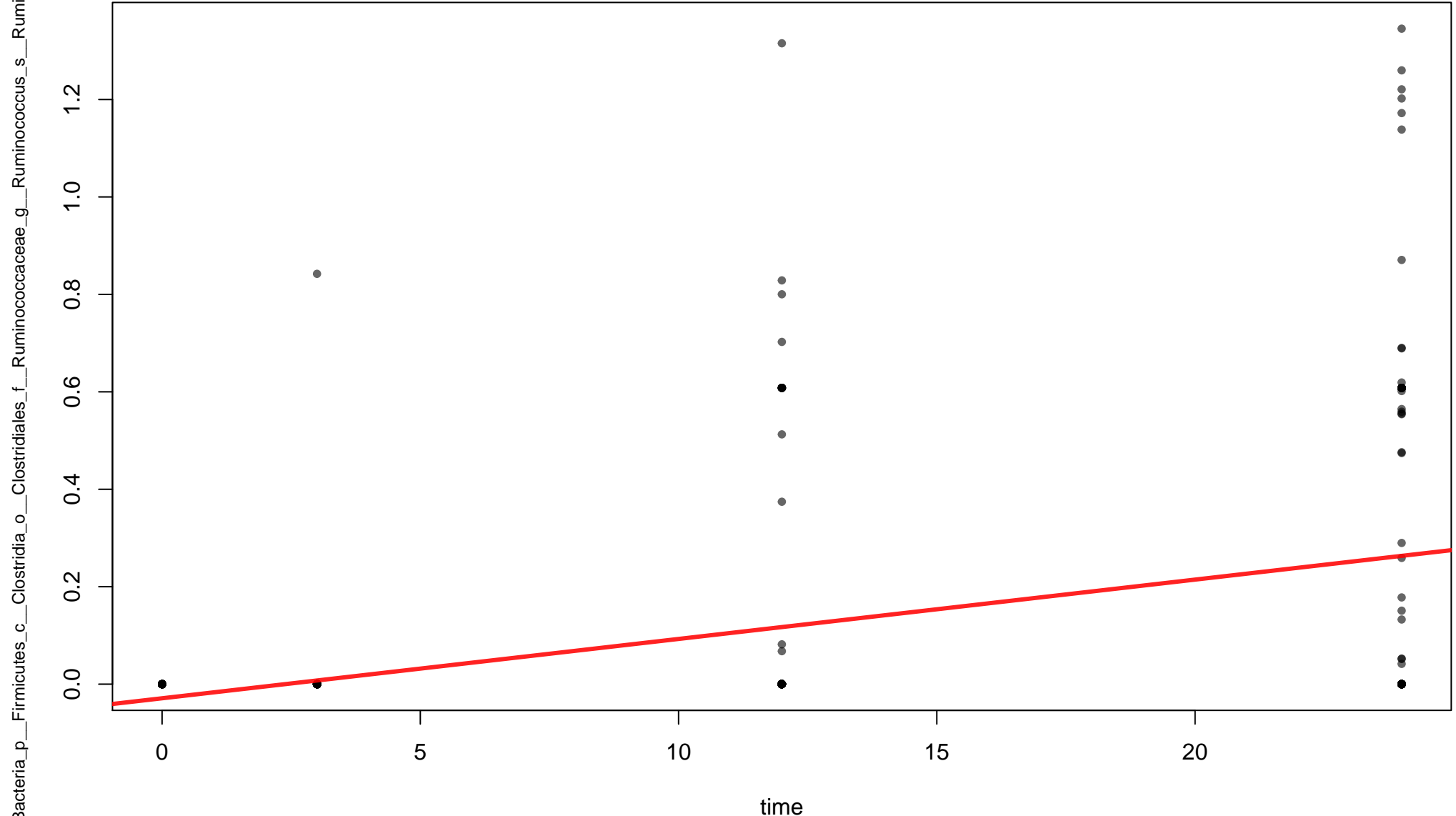
time (0.00859 sd 0.000712, p=7.95e-28, q=2.84e-26)



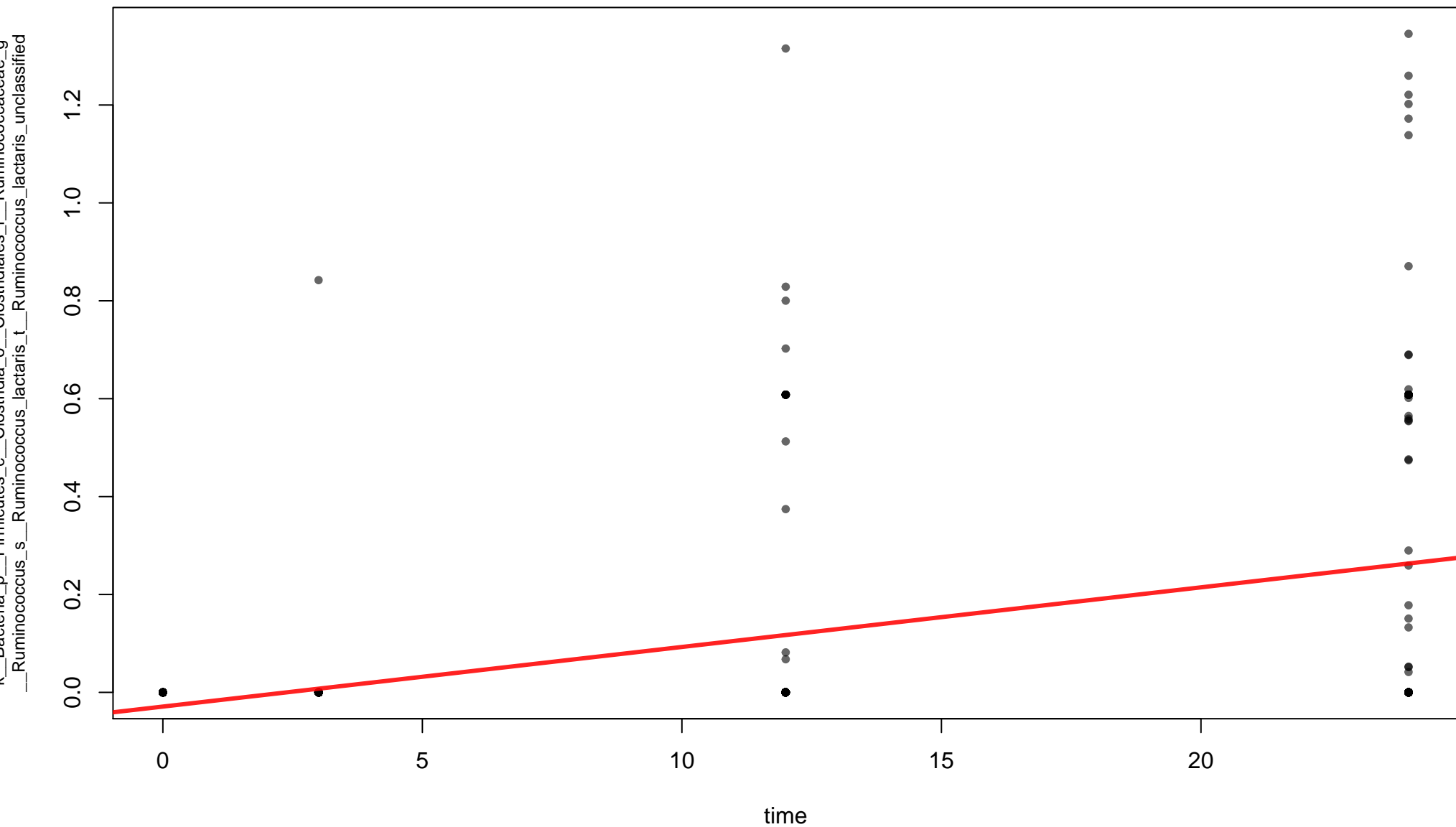
time (0.00859 sd 0.000712, p=7.95e-28, q=2.84e-26)



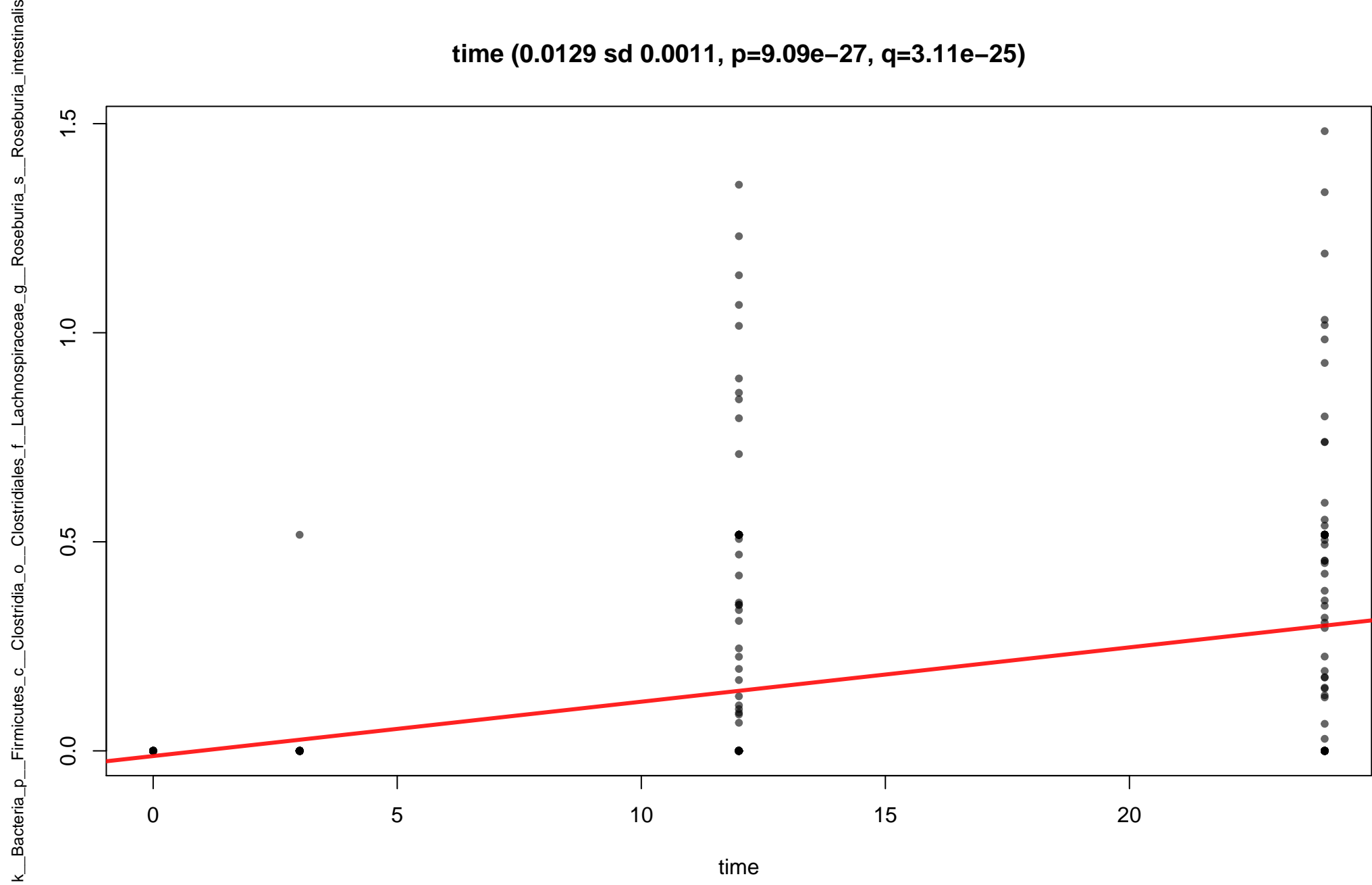
time (0.0122 sd 0.00104, p=8.14e-27, q=2.85e-25)



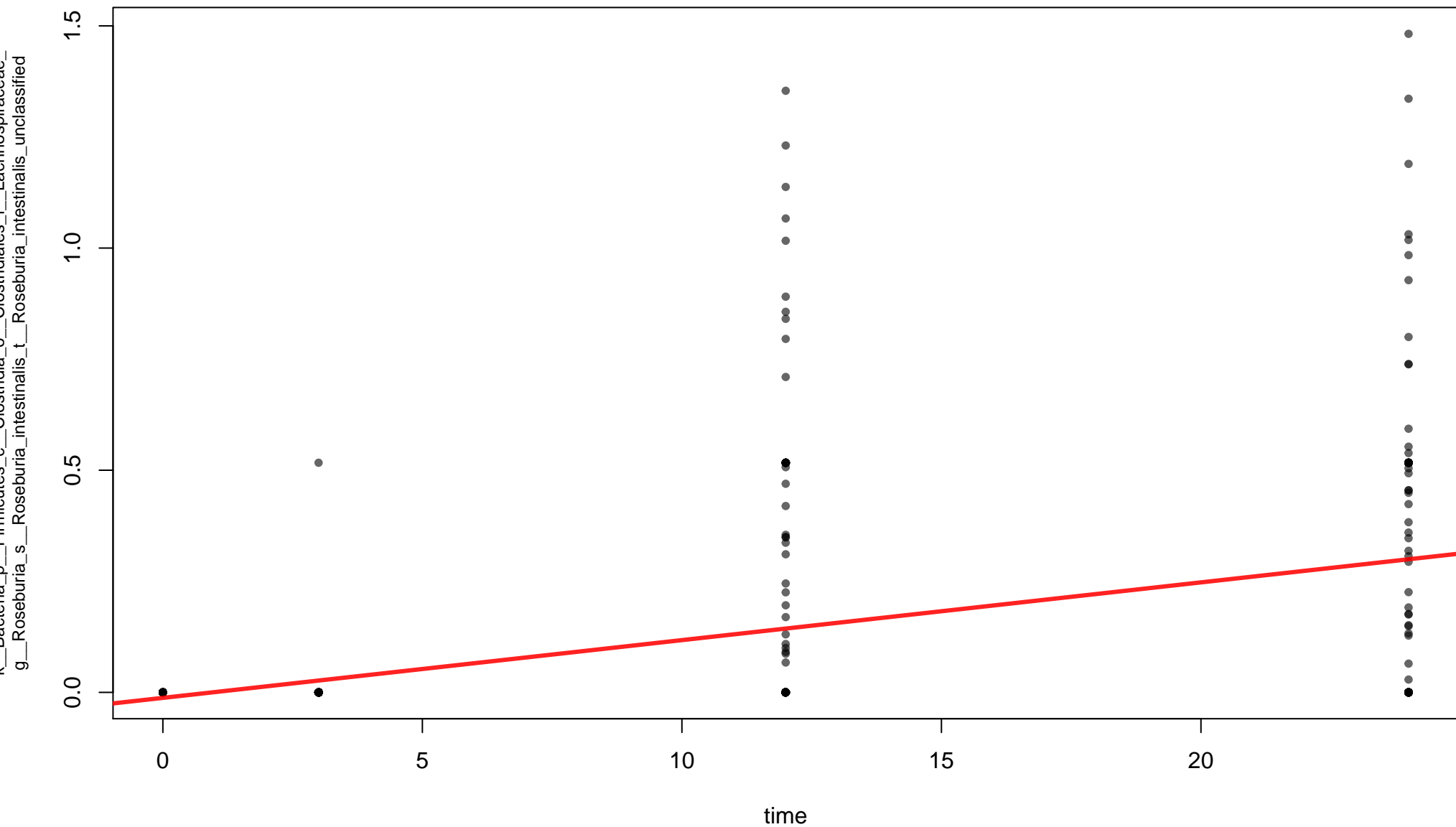
time (0.0122 sd 0.00104, p=8.14e-27, q=2.85e-25)



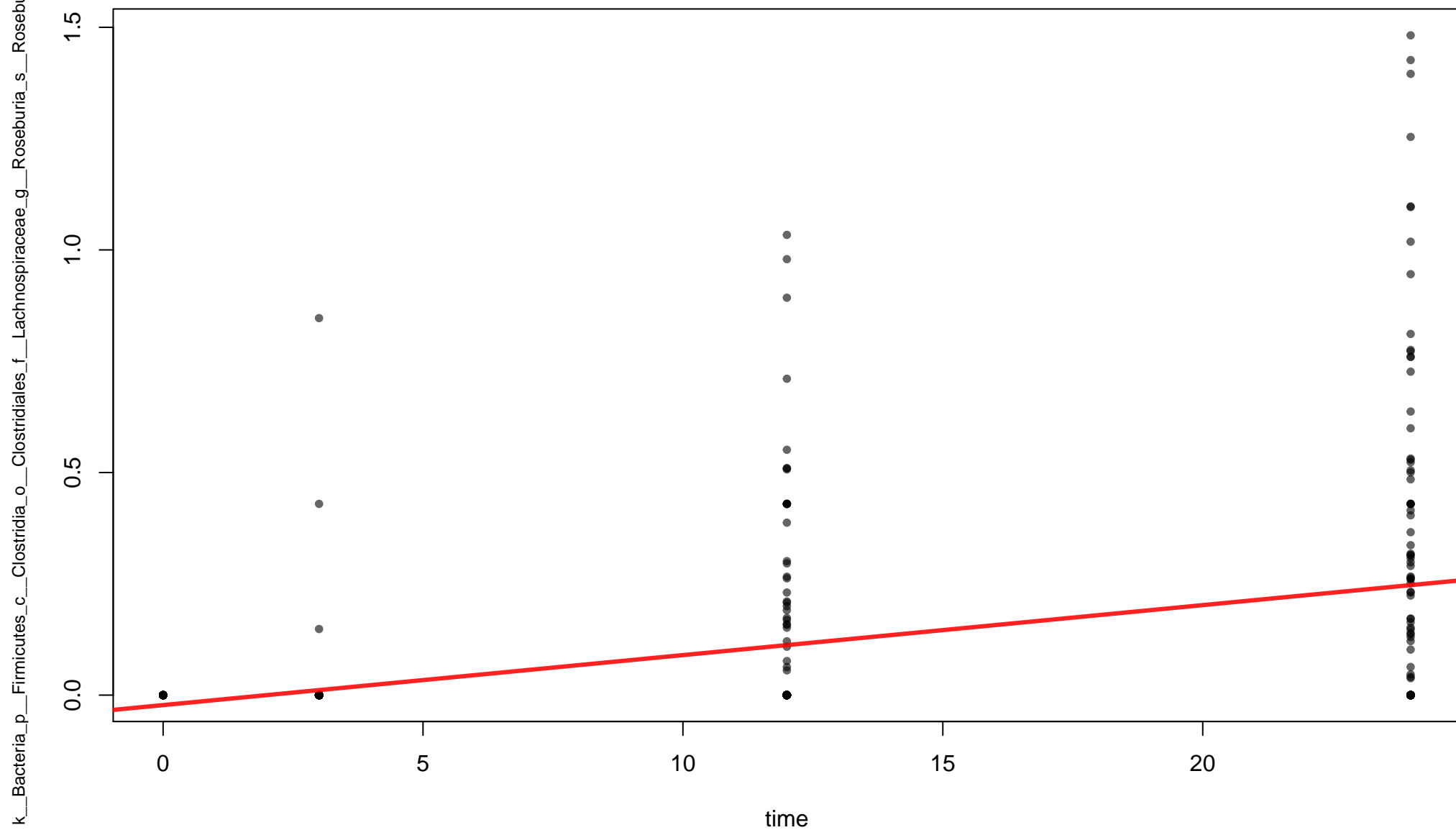
time (0.0129 sd 0.0011, p=9.09e-27, q=3.11e-25)



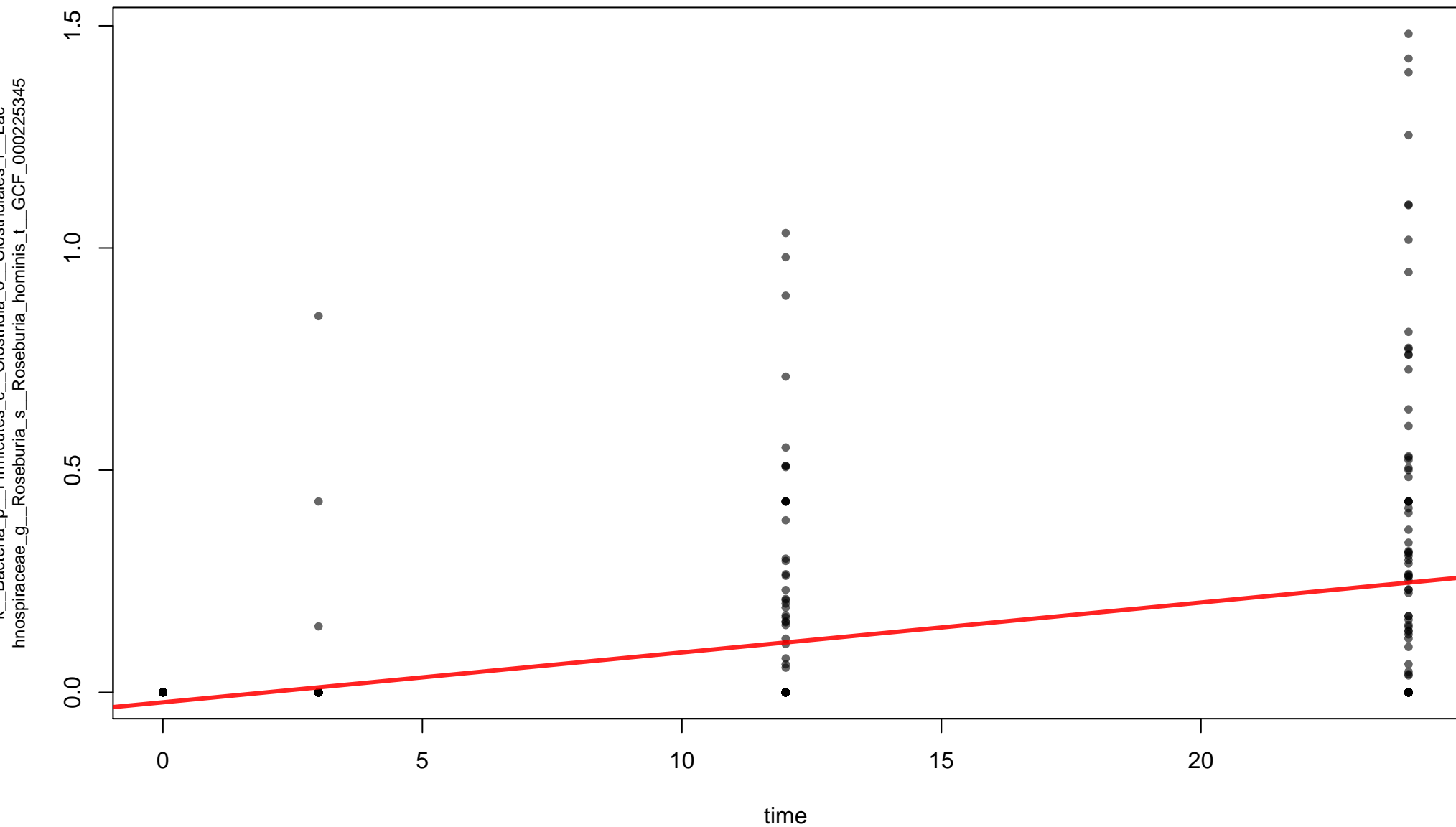
time (0.0129 sd 0.0011, p=9.09e-27, q=3.11e-25)



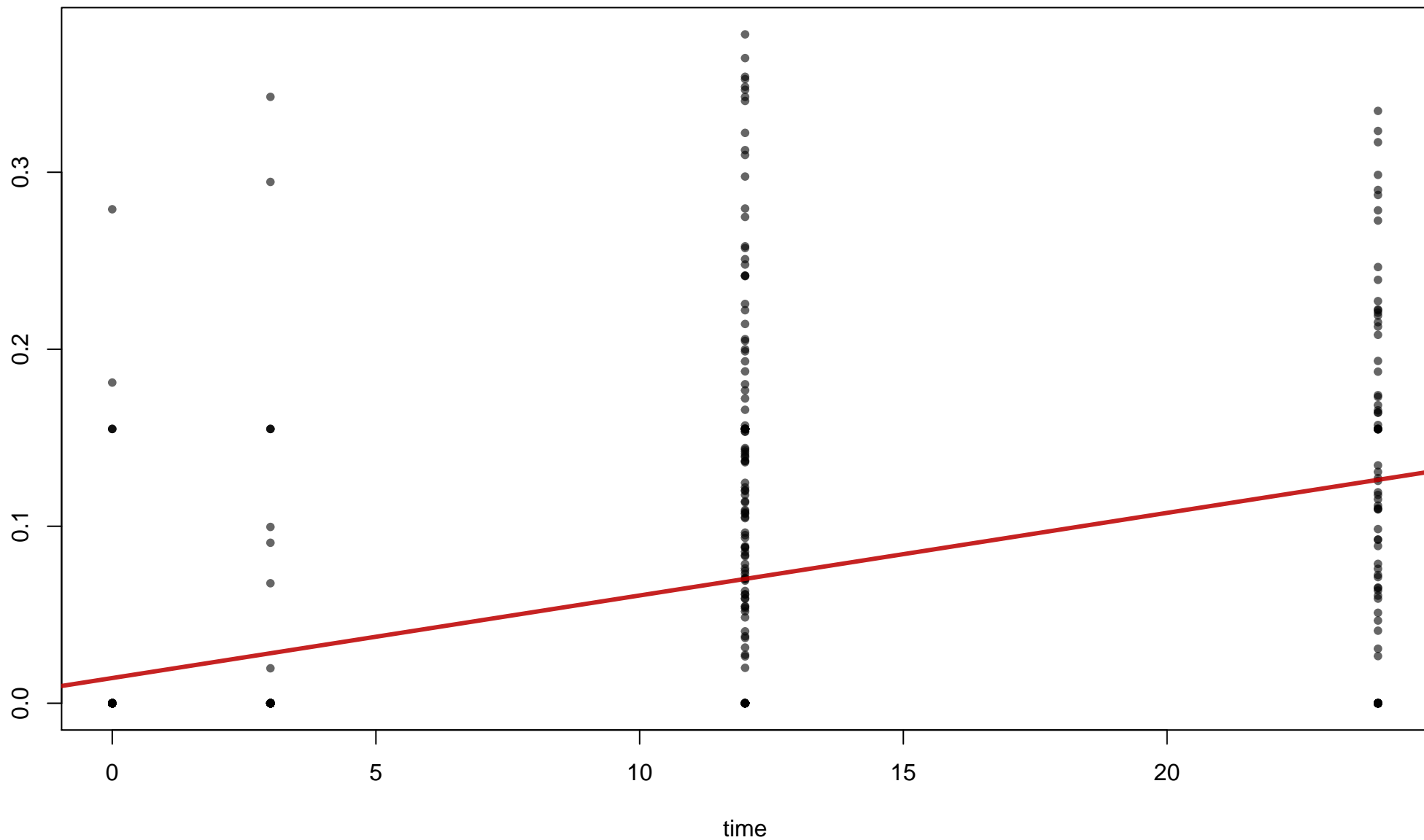
time (0.0113 sd 0.000976, p=5.29e-26, q=1.77e-24)



time (0.0113 sd 0.000976, p=5.29e-26, q=1.77e-24)

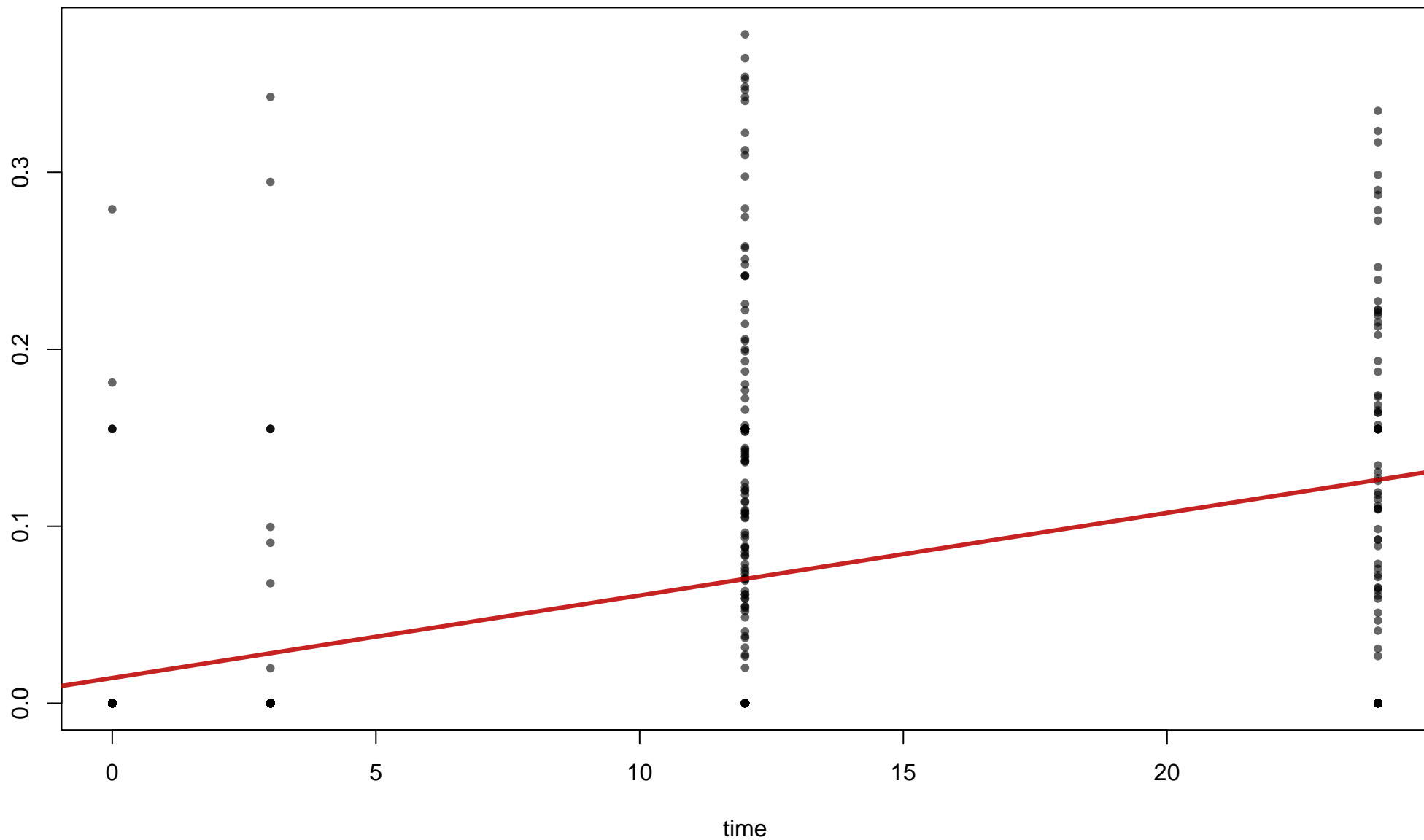


trichaceae_g_Erysipelotrichaceae_noname_s_Erysipelotrichaceae_bacterium_2_2_44A

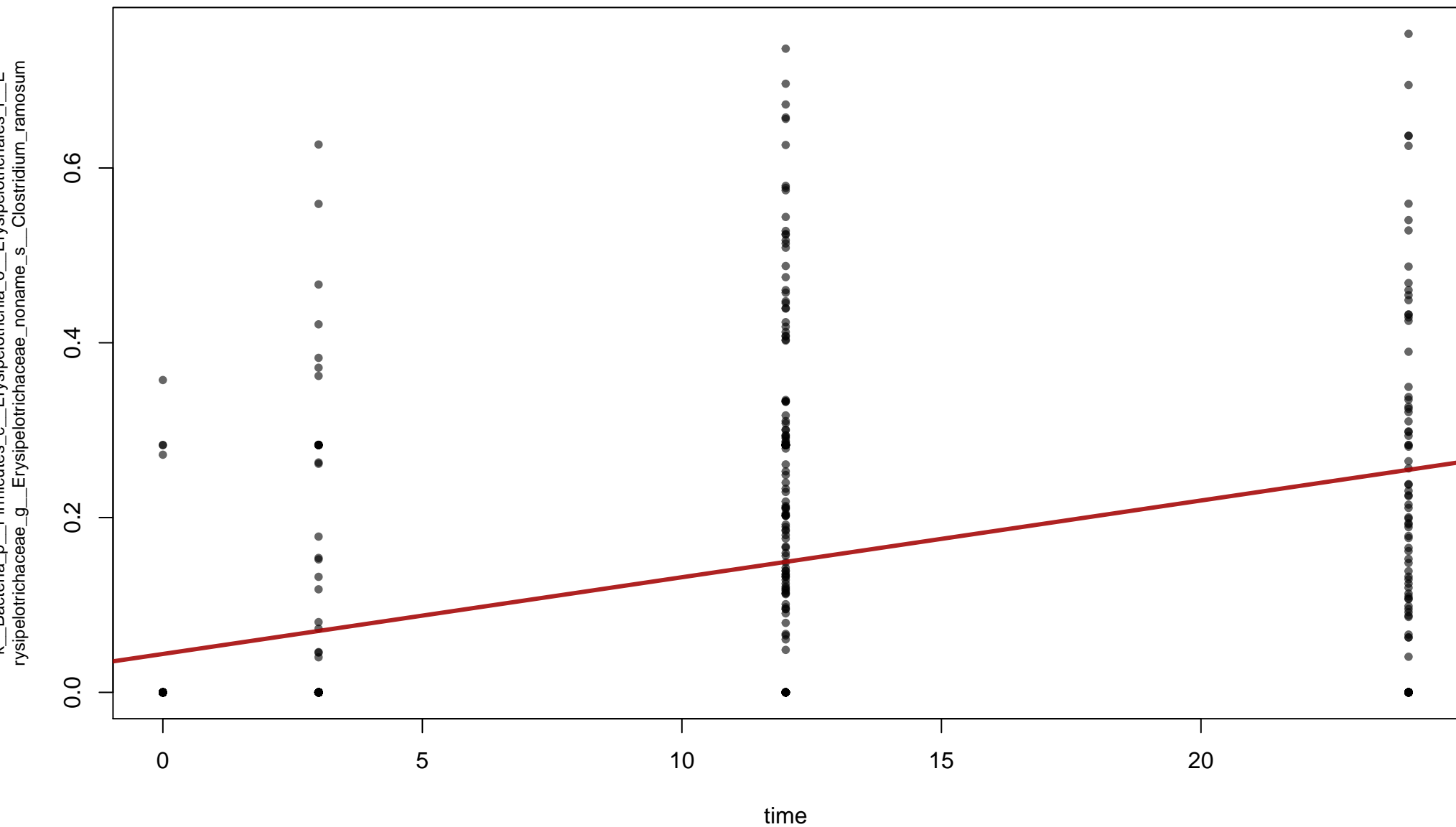


e.g. Erysipelotrichaceae_nona_s_Erysipelotrichaceae_bacterium_2_2_44A_t_GCF_000225685

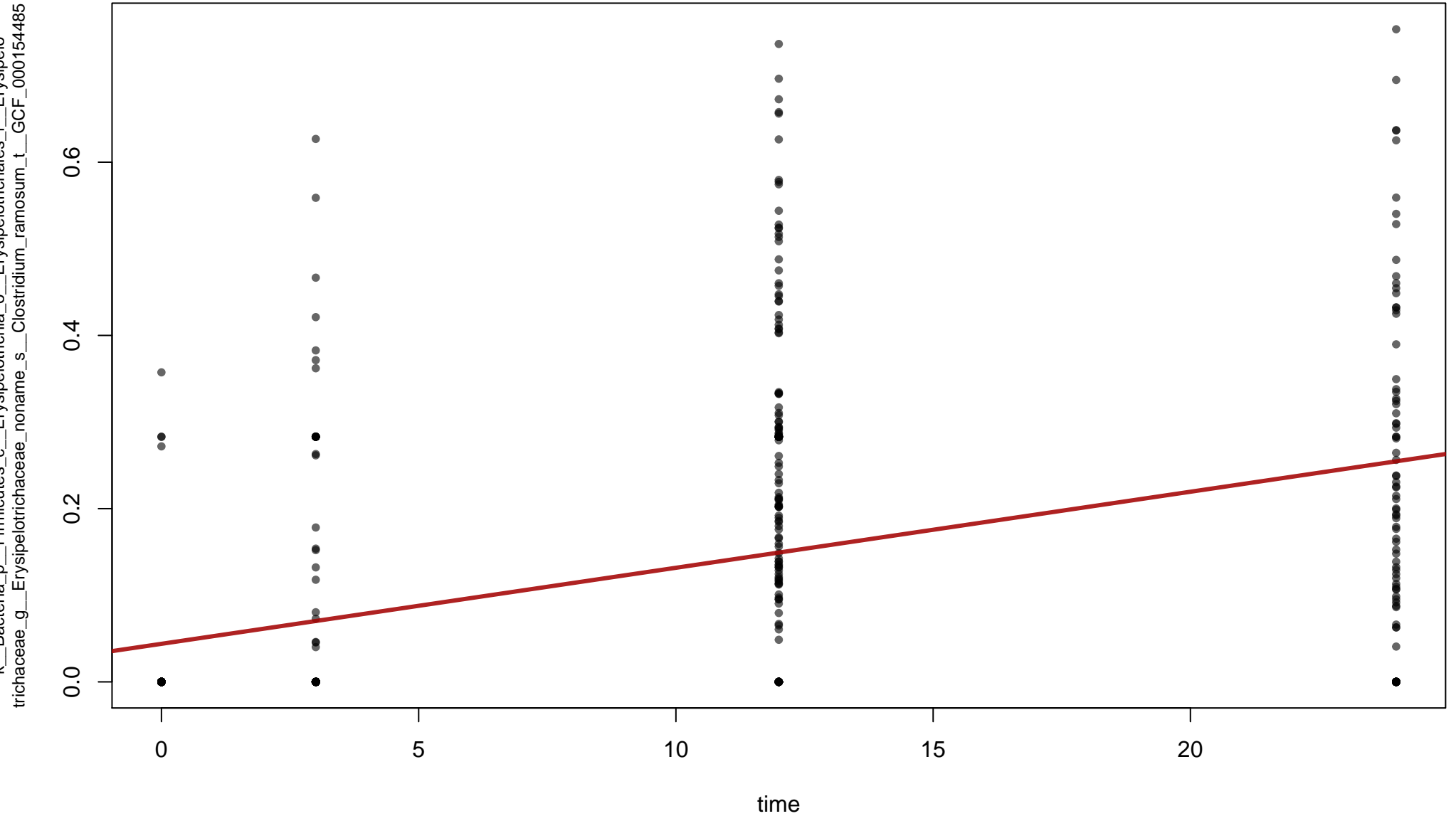
time (0.00467 sd 0.000409, p=1.37e-25, q=4.48e-24)



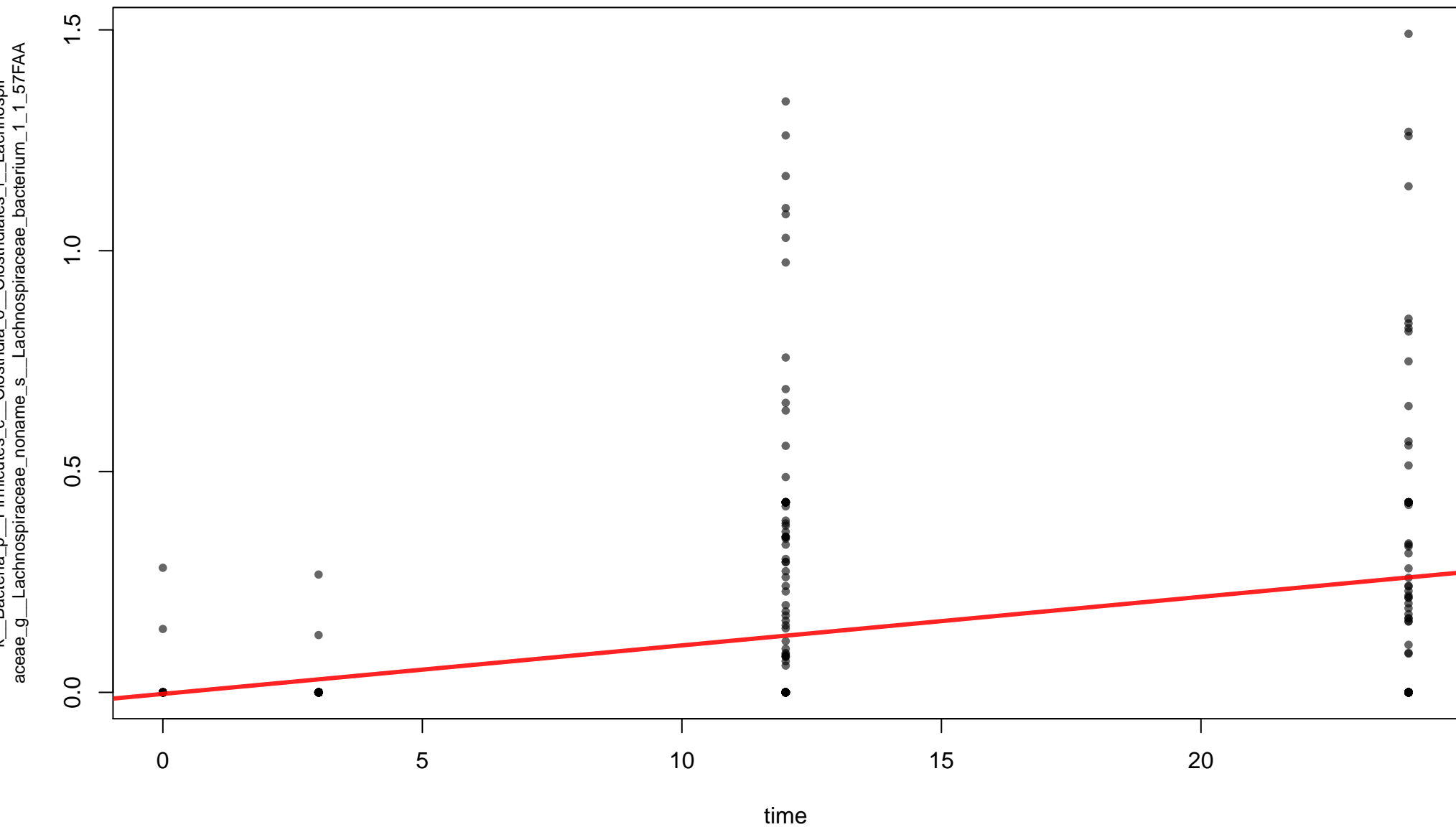
time (0.00875 sd 0.000789, p=2.37e-24, q=7.6e-23)



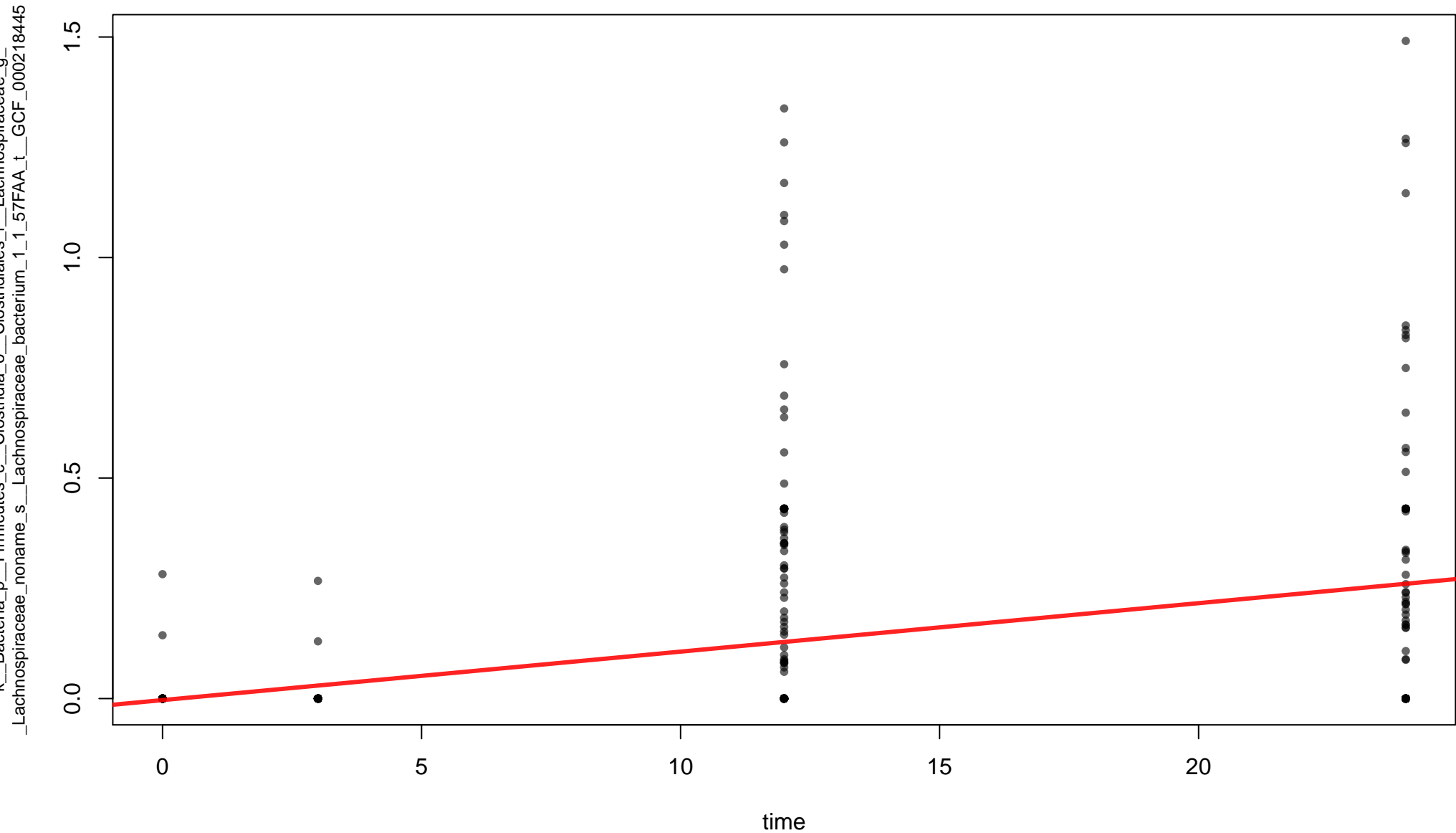
time (0.00875 sd 0.000789, p=2.37e-24, q=7.6e-23)



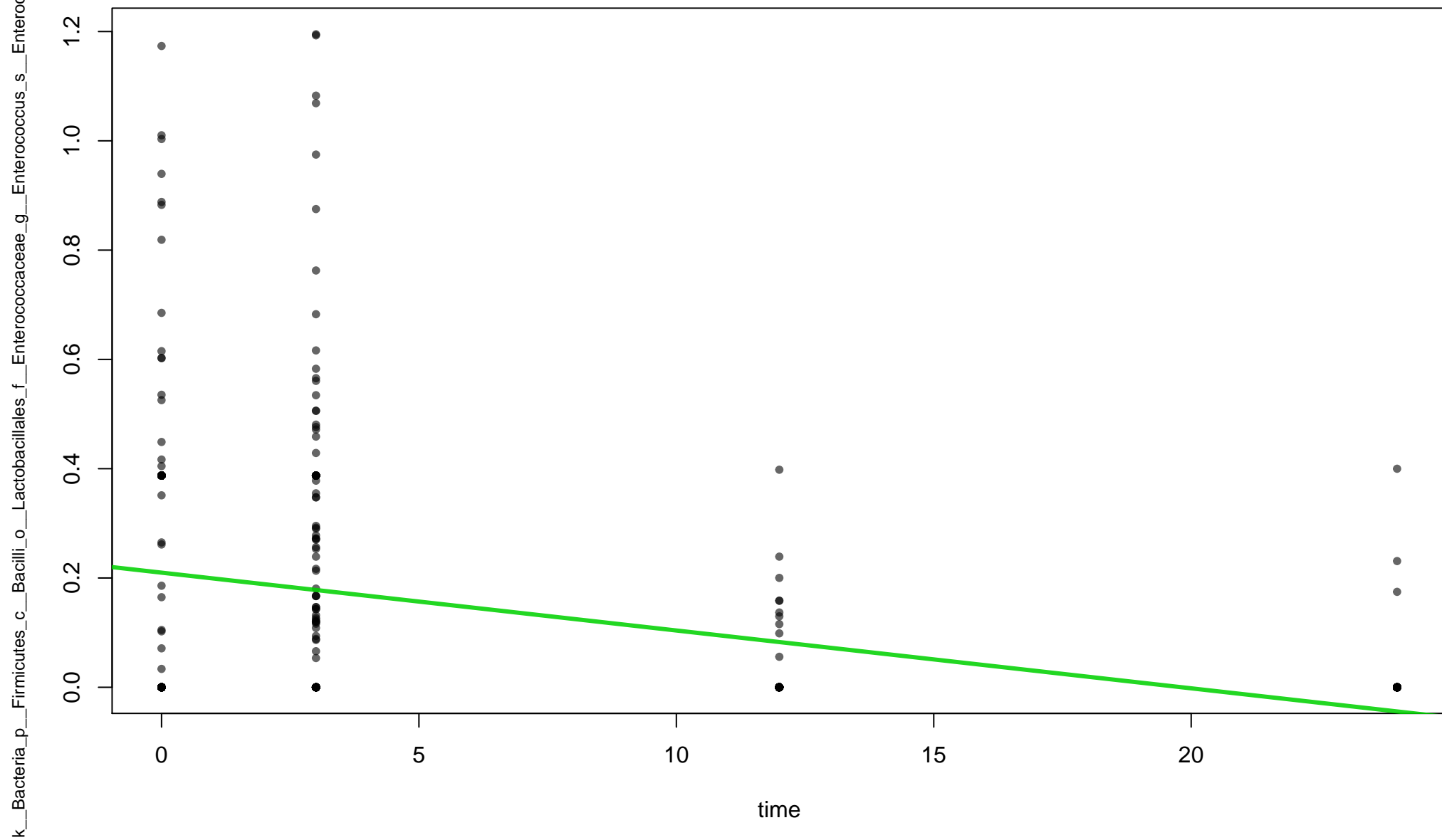
time (0.011 sd 0.00102, p=1.87e-23, q=5.88e-22)



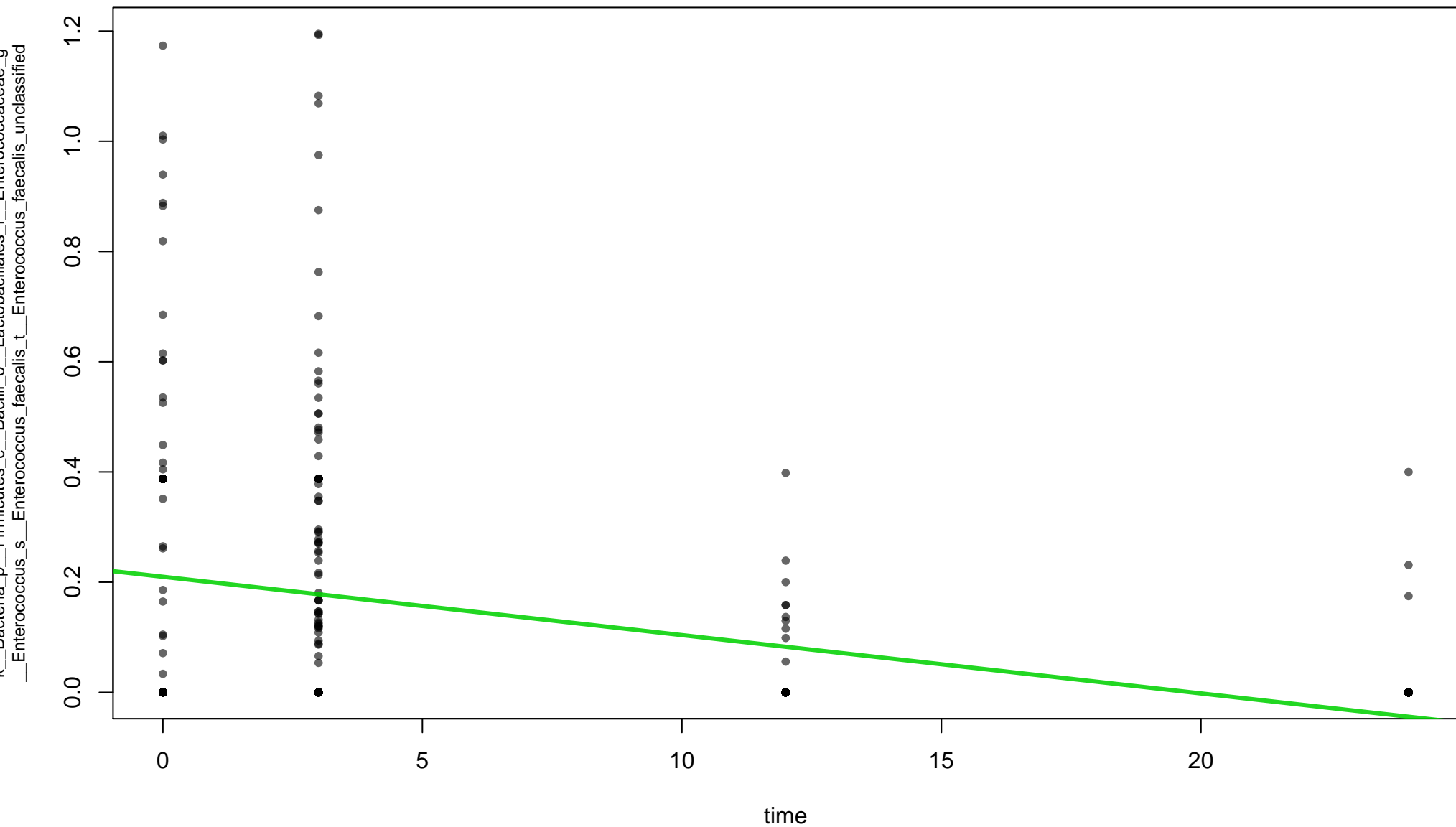
time (0.011 sd 0.00102, p=1.87e-23, q=5.88e-22)



time (-0.0104 sd 0.000984 , $p=9.56e-23$, $q=2.94e-21$)

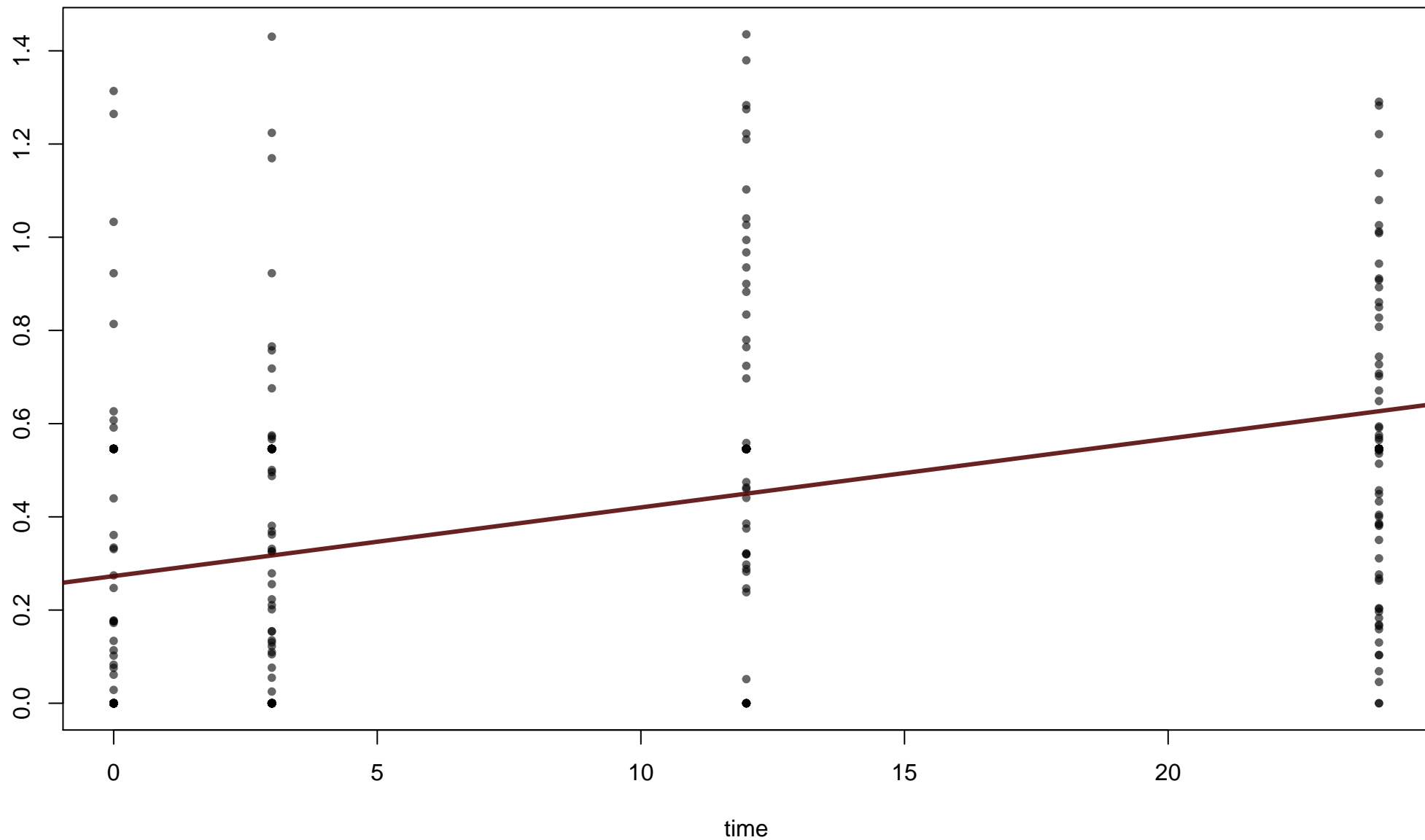


time (-0.0104 sd 0.000984, p=9.56e-23, q=2.94e-21)

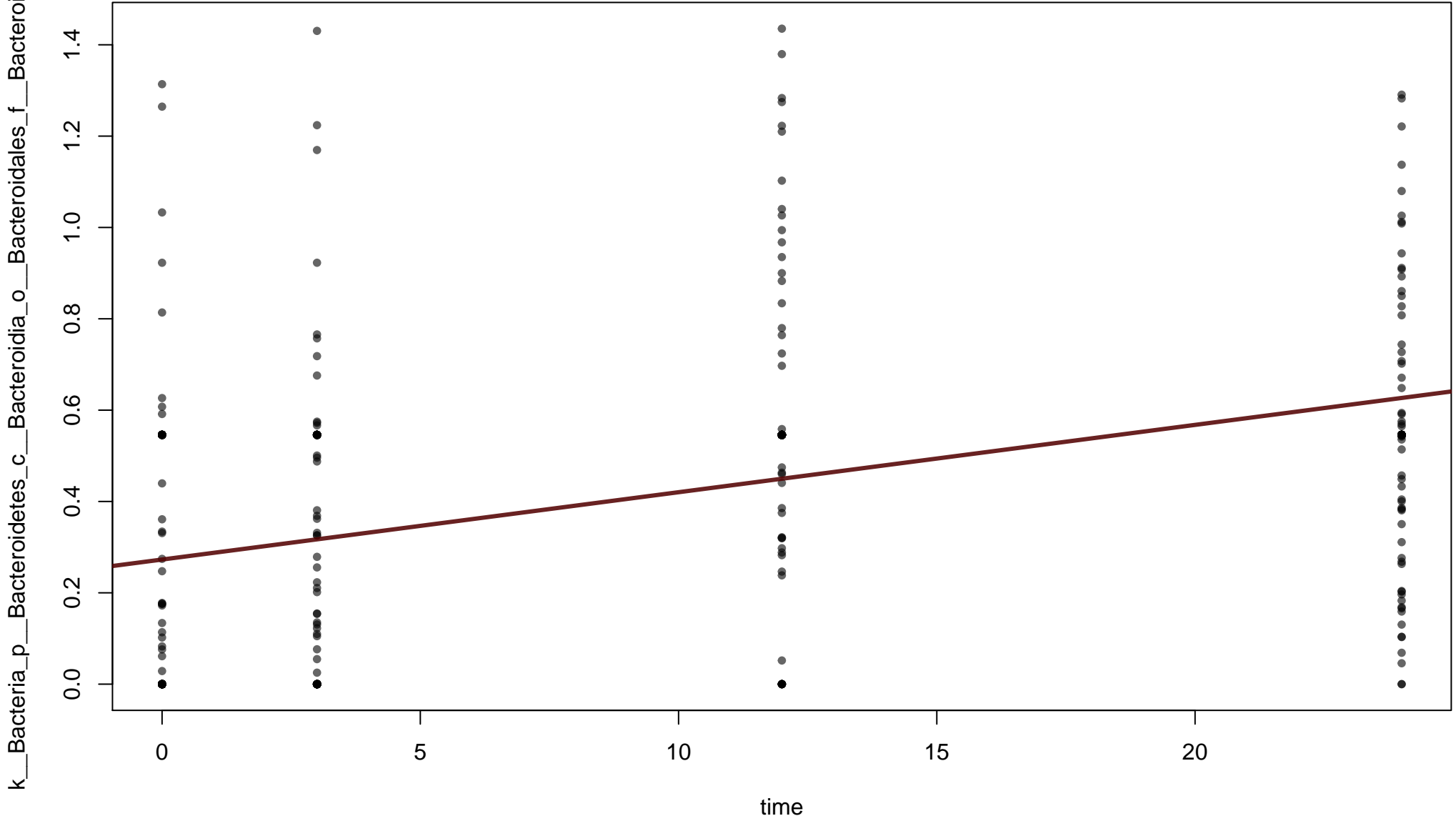


time (0.0148 sd 0.0014, p=1.36e-22, q=4.16e-21)

k__Bacteria_p__Bacteroidetes_c__Bacteroidia_o__Bacteroidales_f__Bacteroidaceae_g__Bacteroides

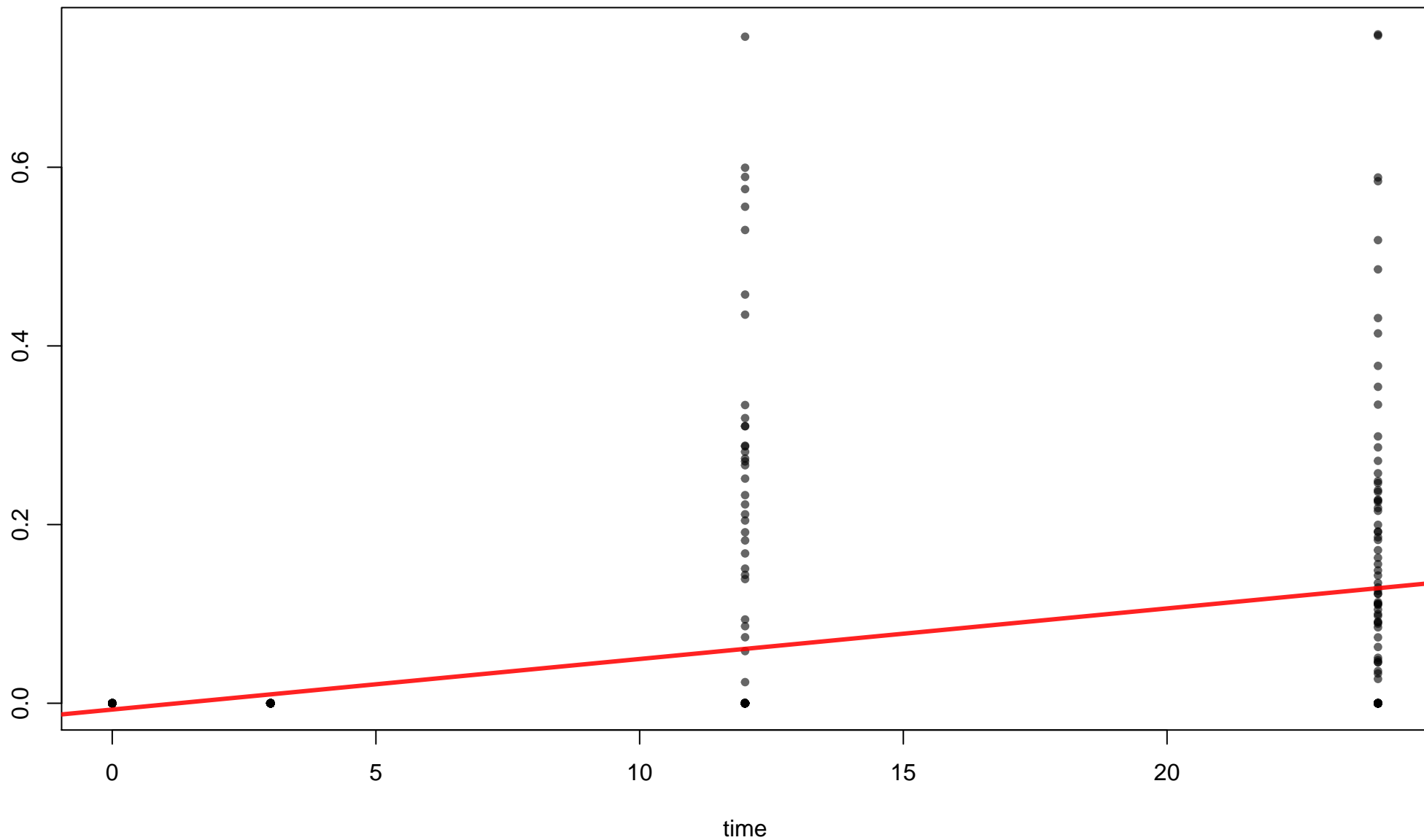


time (0.0148 sd 0.00141, p=1.58e-22, q=4.78e-21)

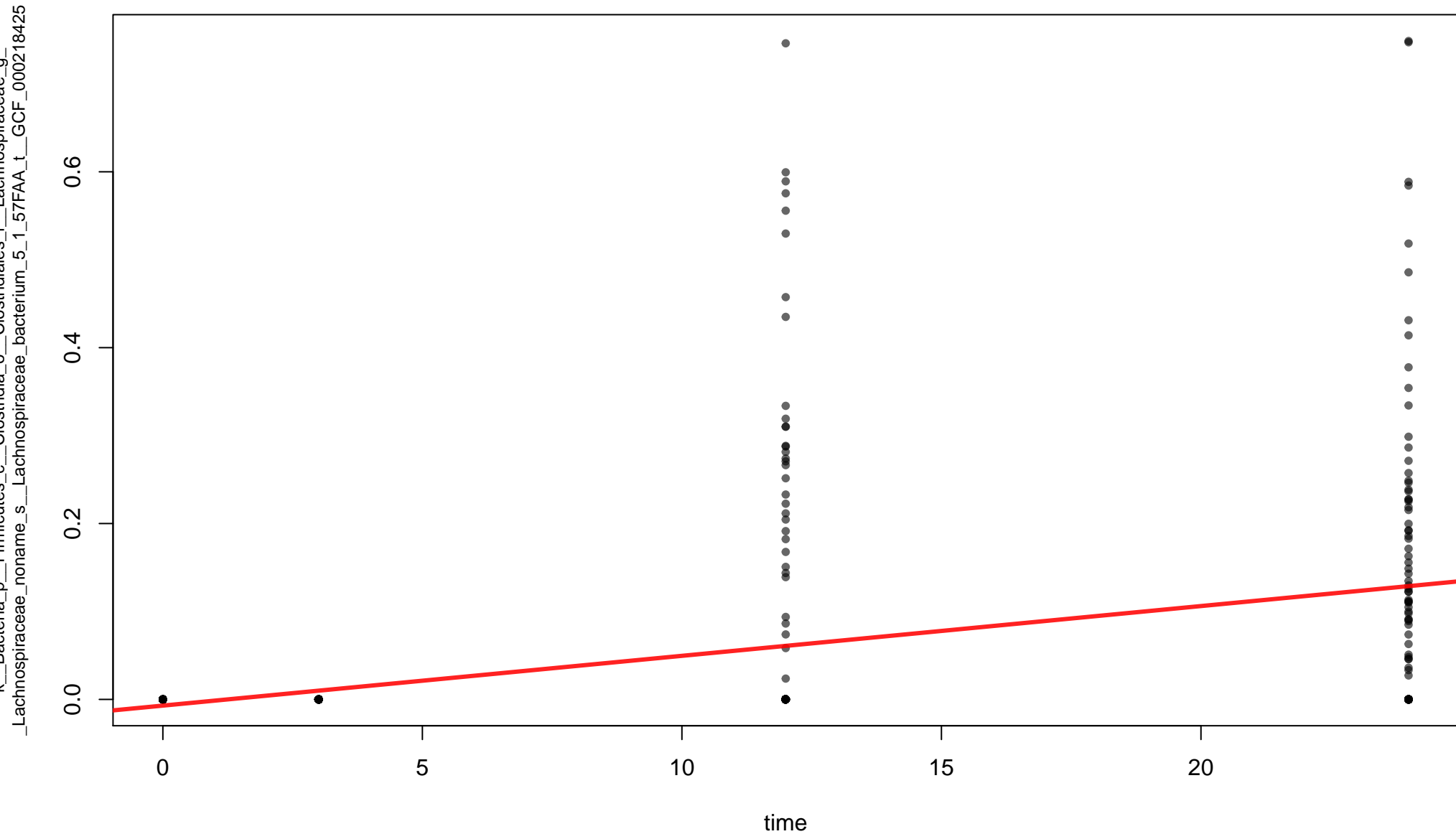


time (0.00563 sd 0.000535, p=1.94e-22, q=5.73e-21)

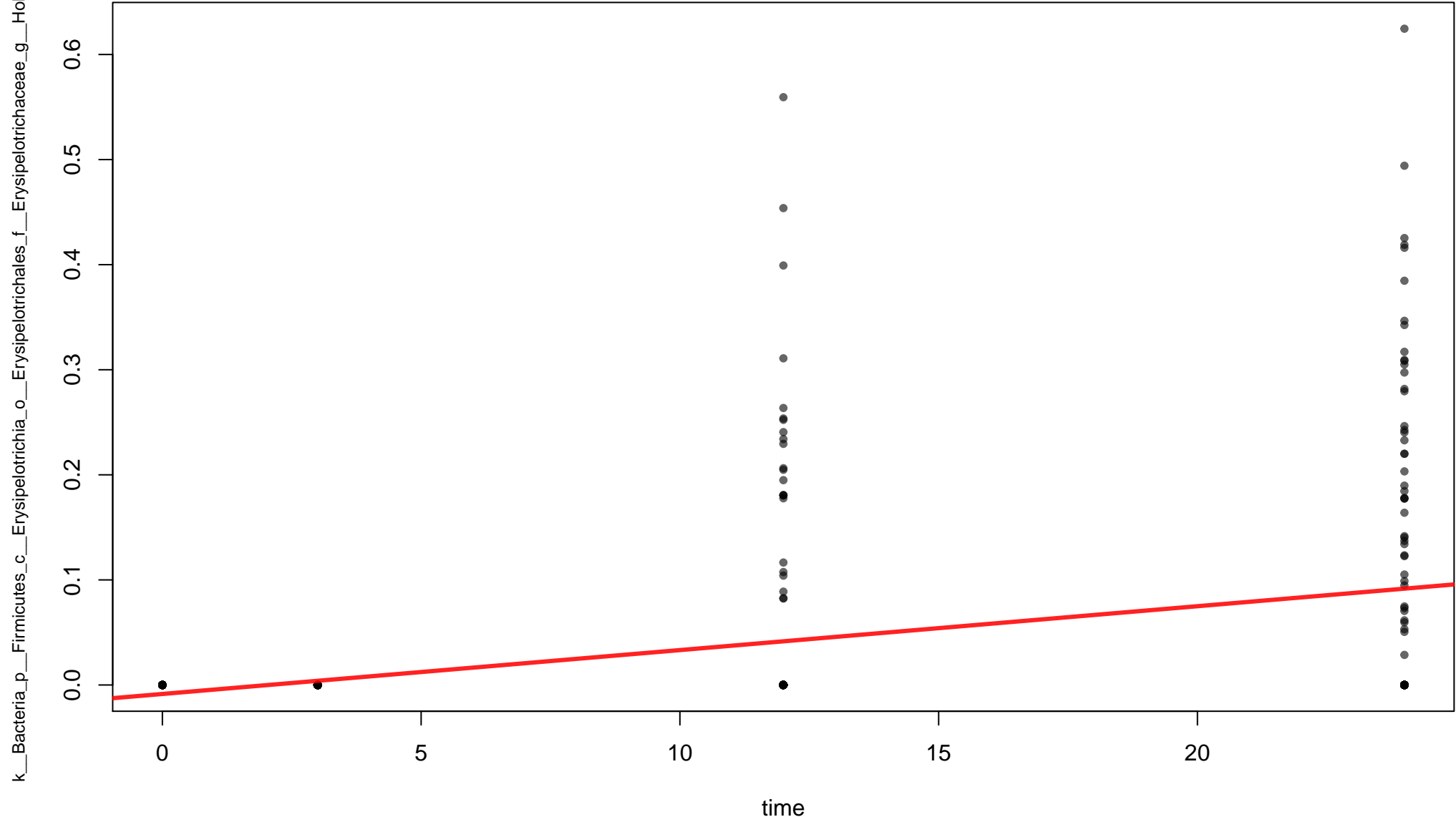
aceae_g_Lachnospiraceae_noname_s_Lachnospiraceae_bacterium_5_1_57FAA



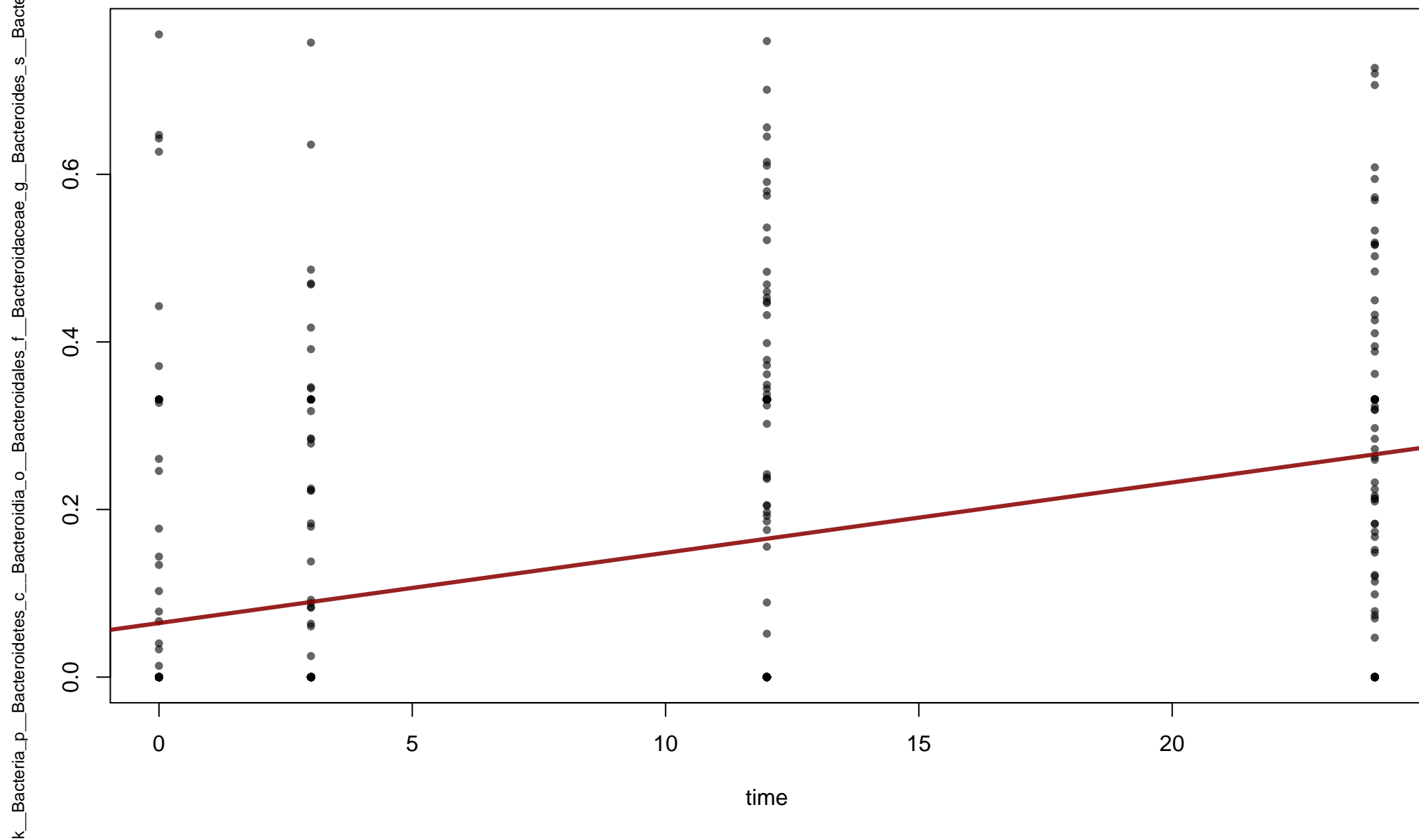
time (0.00563 sd 0.000535, p=1.94e-22, q=5.73e-21)



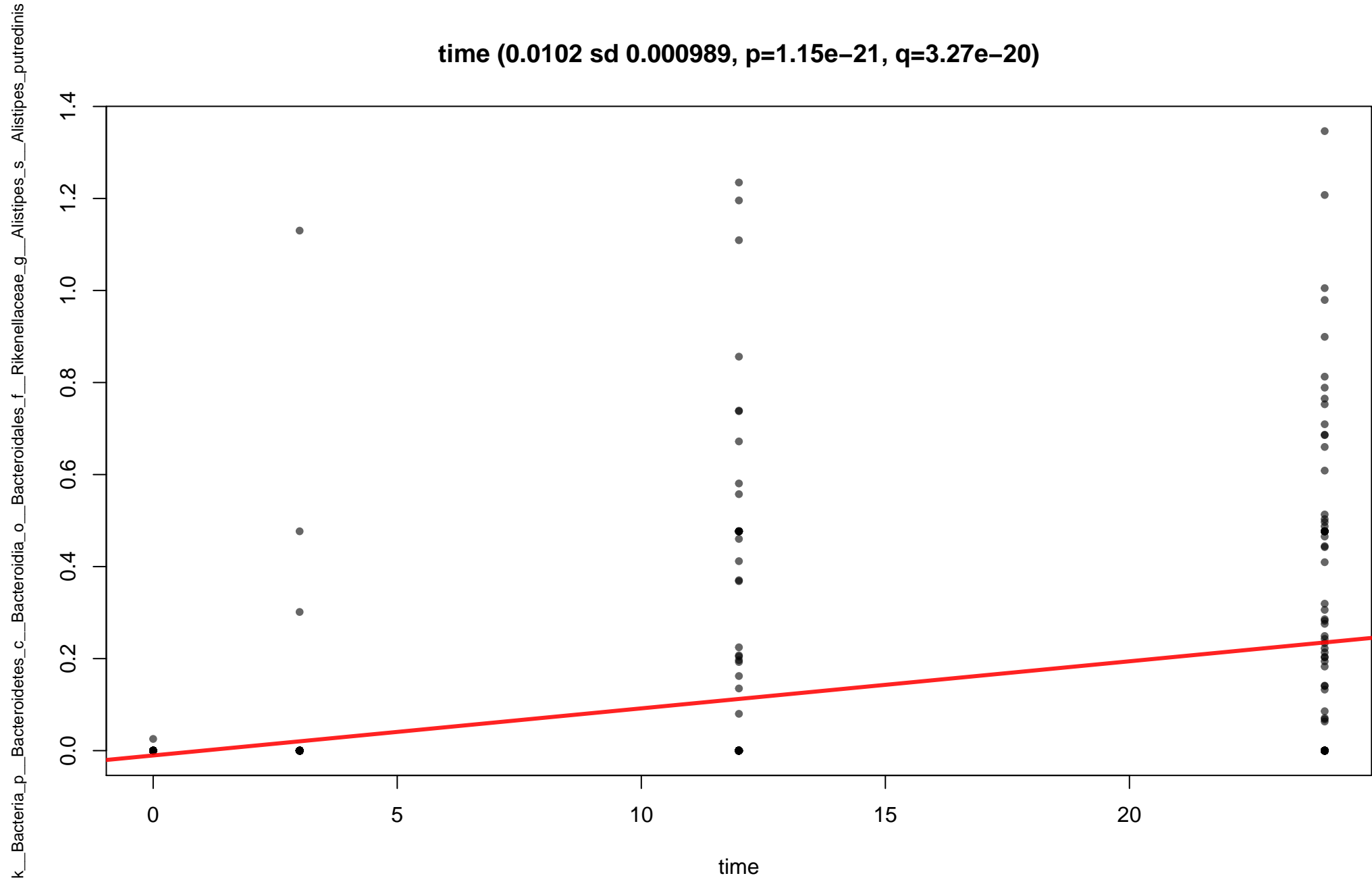
time (0.00419 sd 0.0004, p=3.06e-22, q=8.96e-21)



time (0.00839 sd 0.000802, p=3.43e-22, q=9.96e-21)

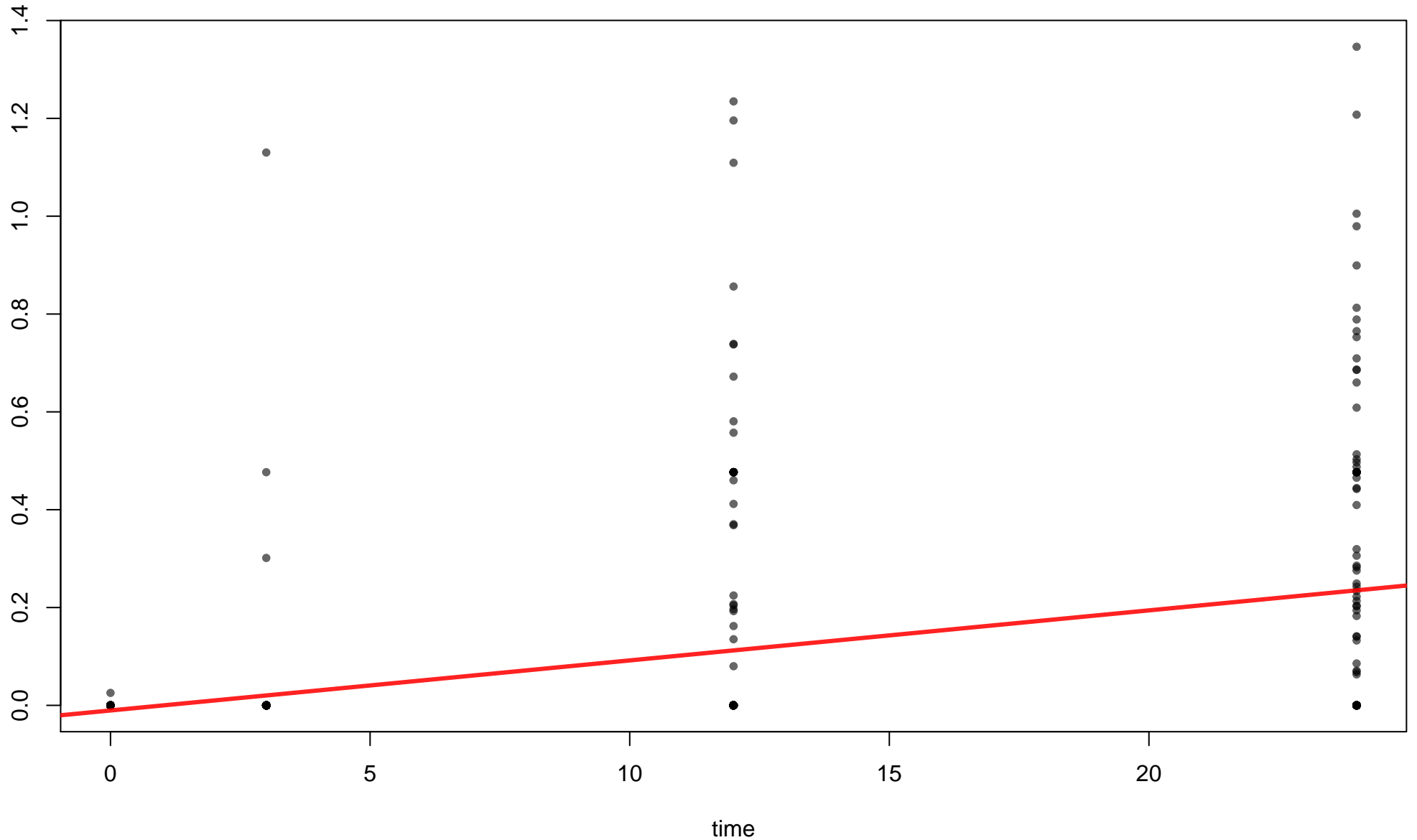


time (0.0102 sd 0.000989, p=1.15e-21, q=3.27e-20)

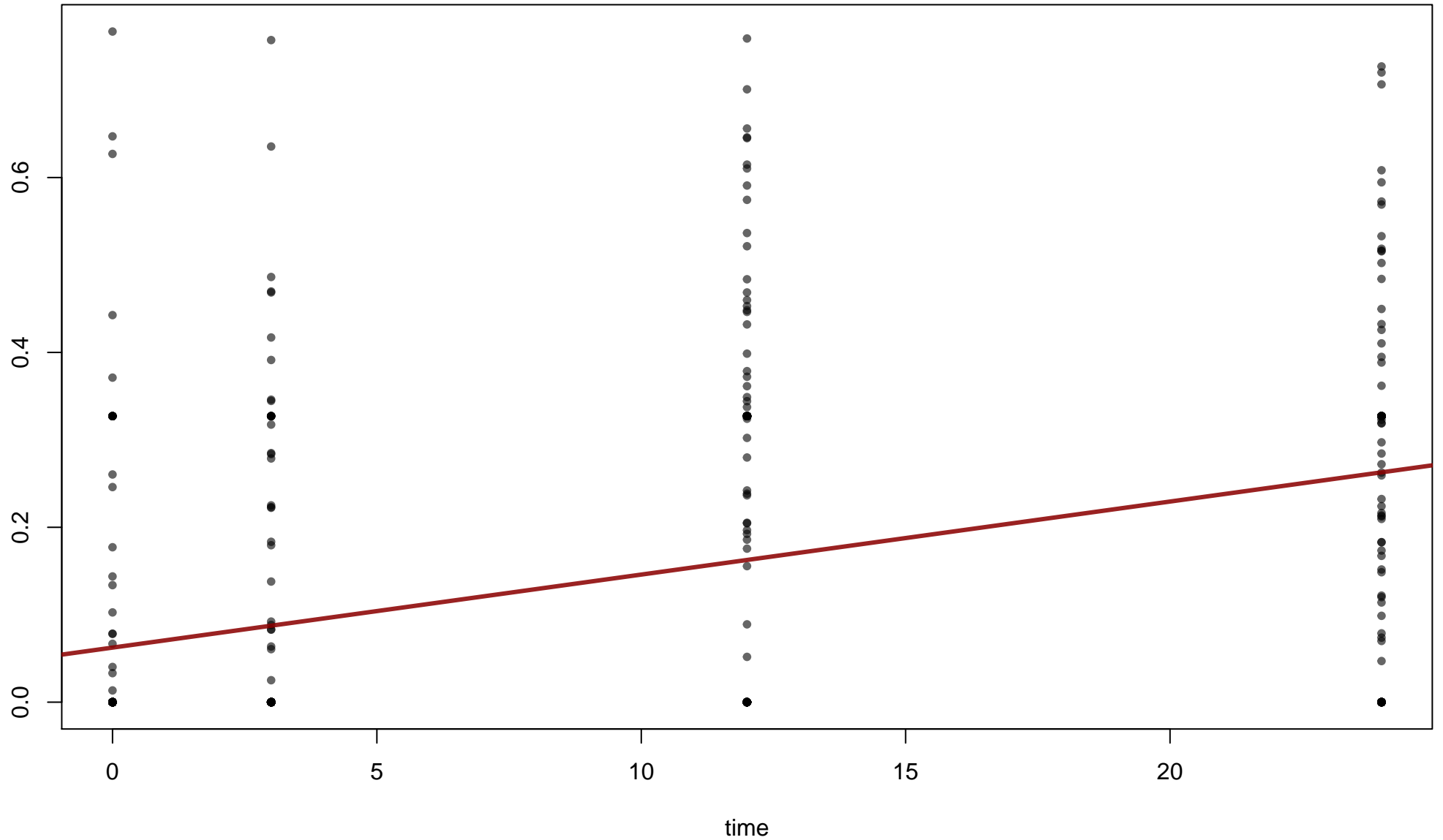


time (0.0102 sd 0.000989, p=1.15e-21, q=3.27e-20)

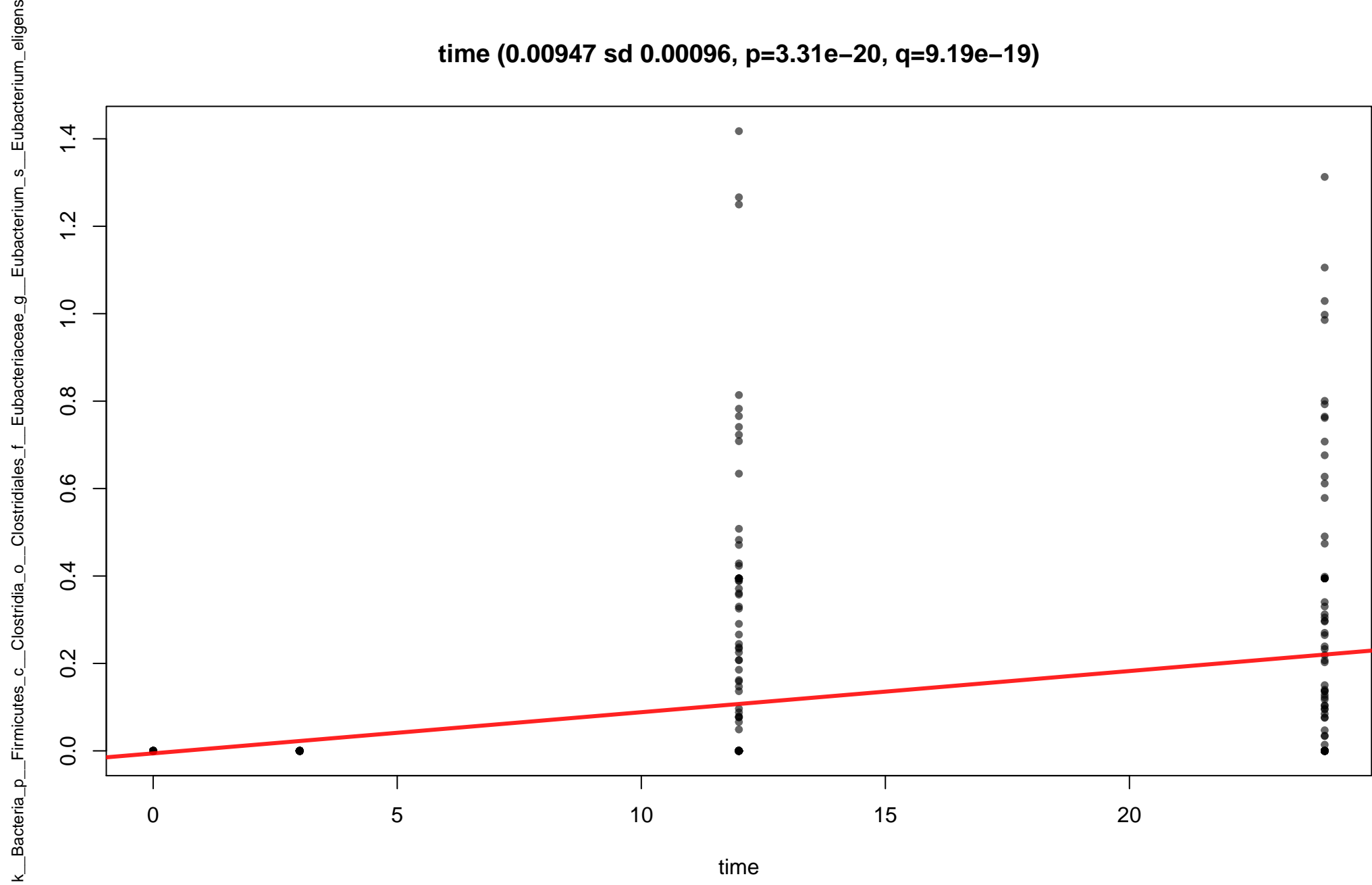
kenellaceae_g__Alistipes_s__Alistipes_putredinis_t__GCF_000154465



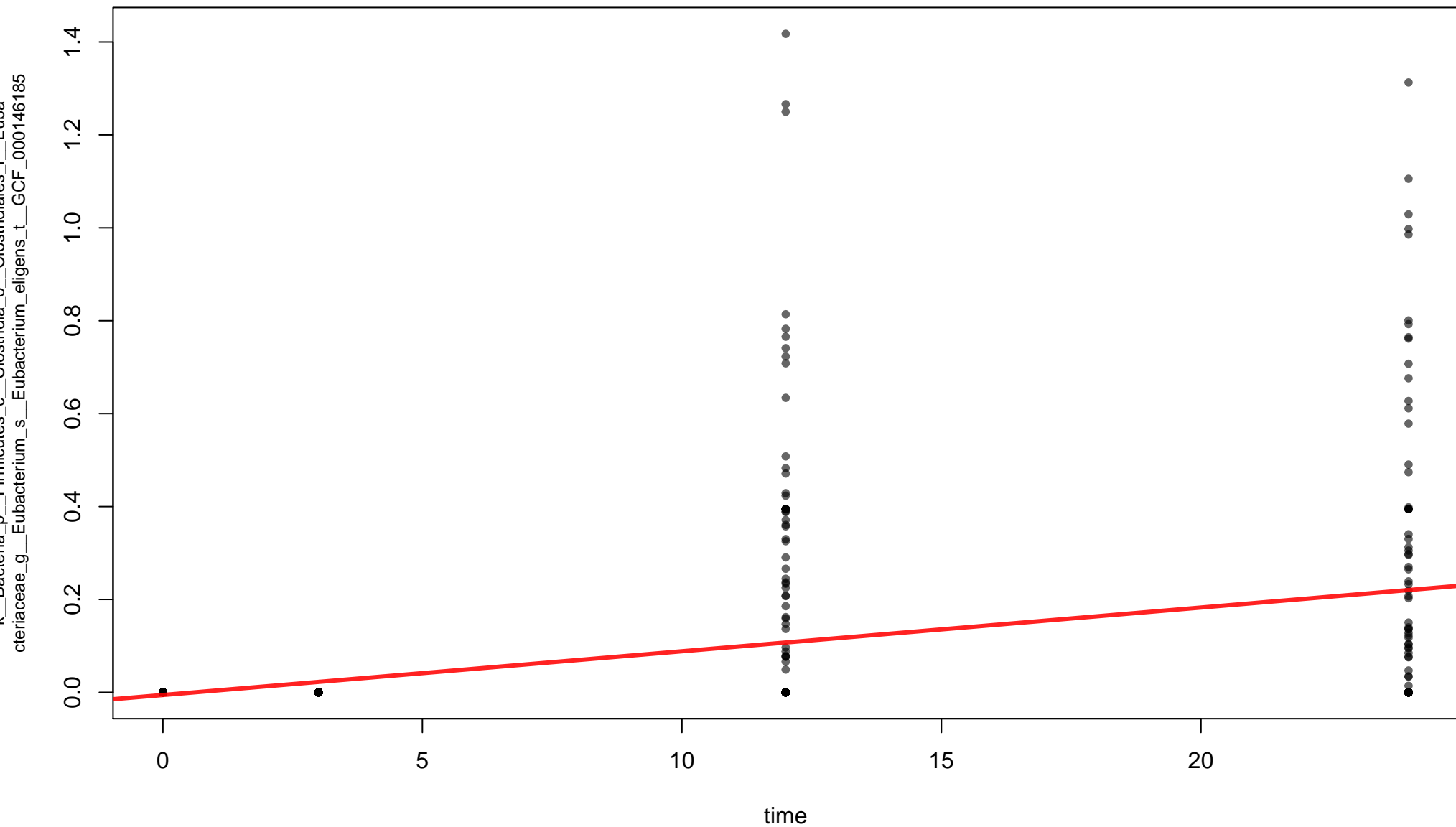
g_Bacteroides_s_Bacteroides_uniformis_t_Bacteroides_uniformis_unclassified



time (0.00947 sd 0.00096, p=3.31e-20, q=9.19e-19)

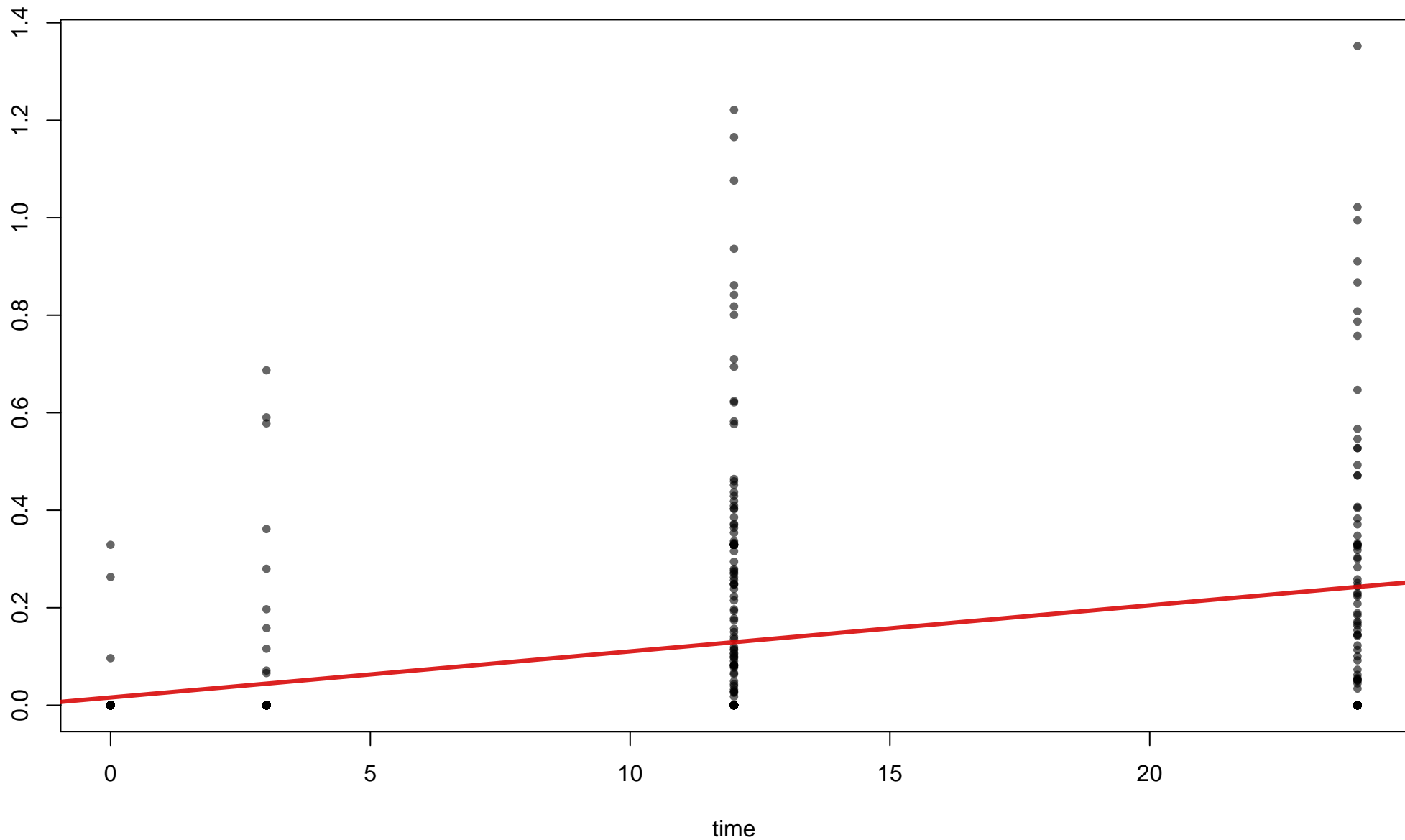


time (0.00947 sd 0.00096, p=3.31e-20, q=9.19e-19)

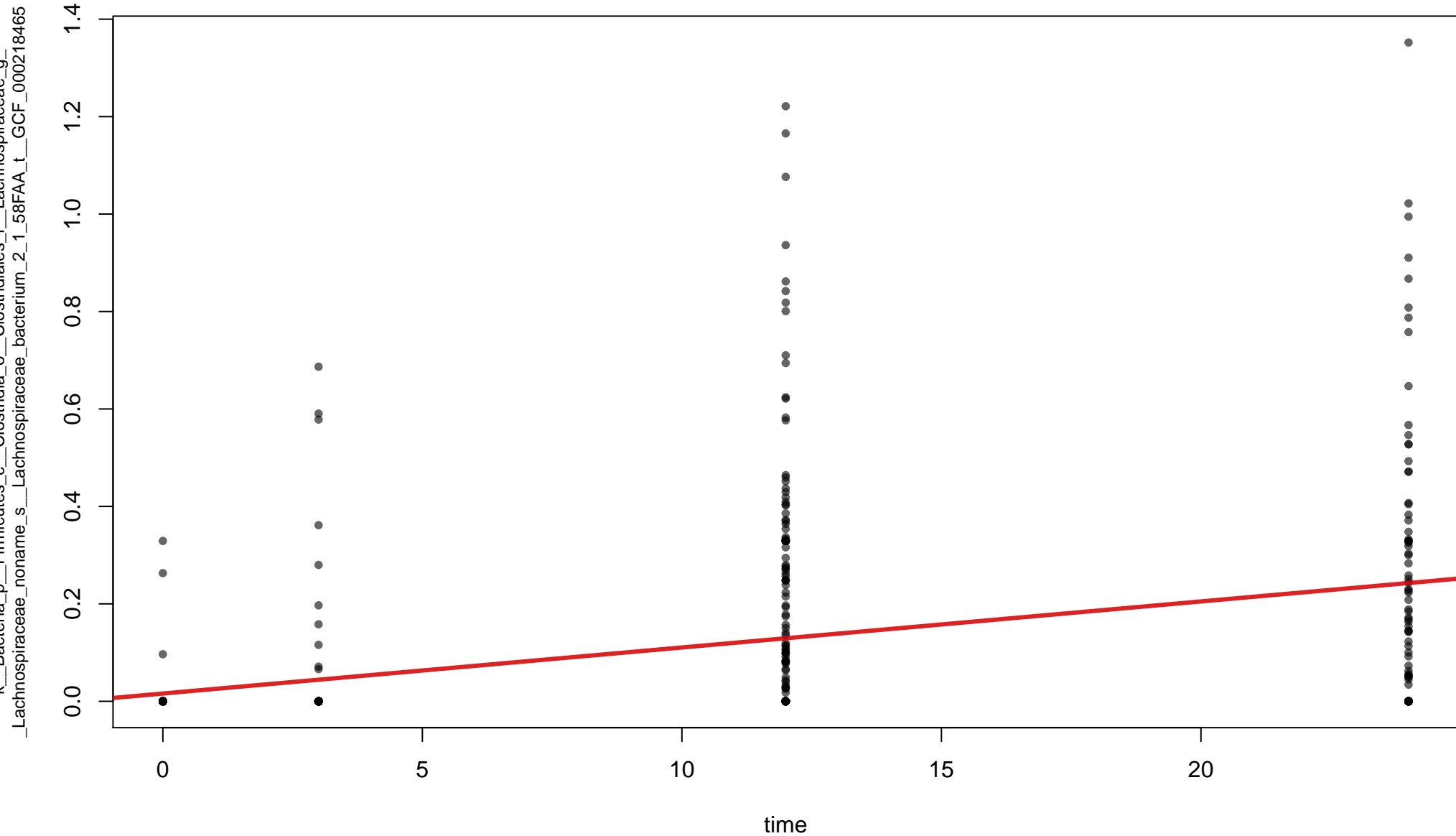


time (0.00943 sd 0.000971, p=1.12e-19, q=3.05e-18)

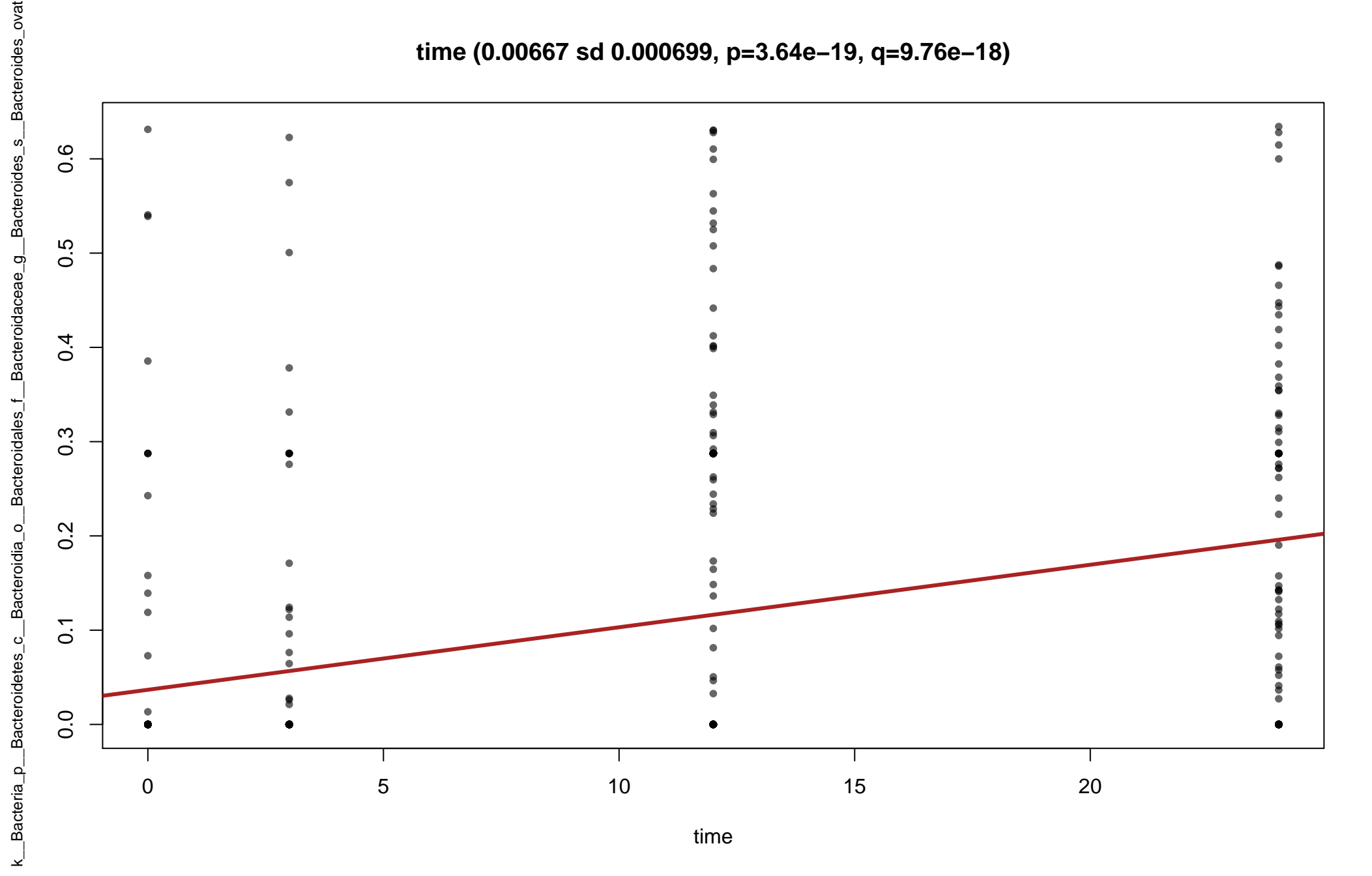
aceae_g_Lachnospiraceae_noname_s_Lachnospiraceae_bacterium_2_1_58FAA



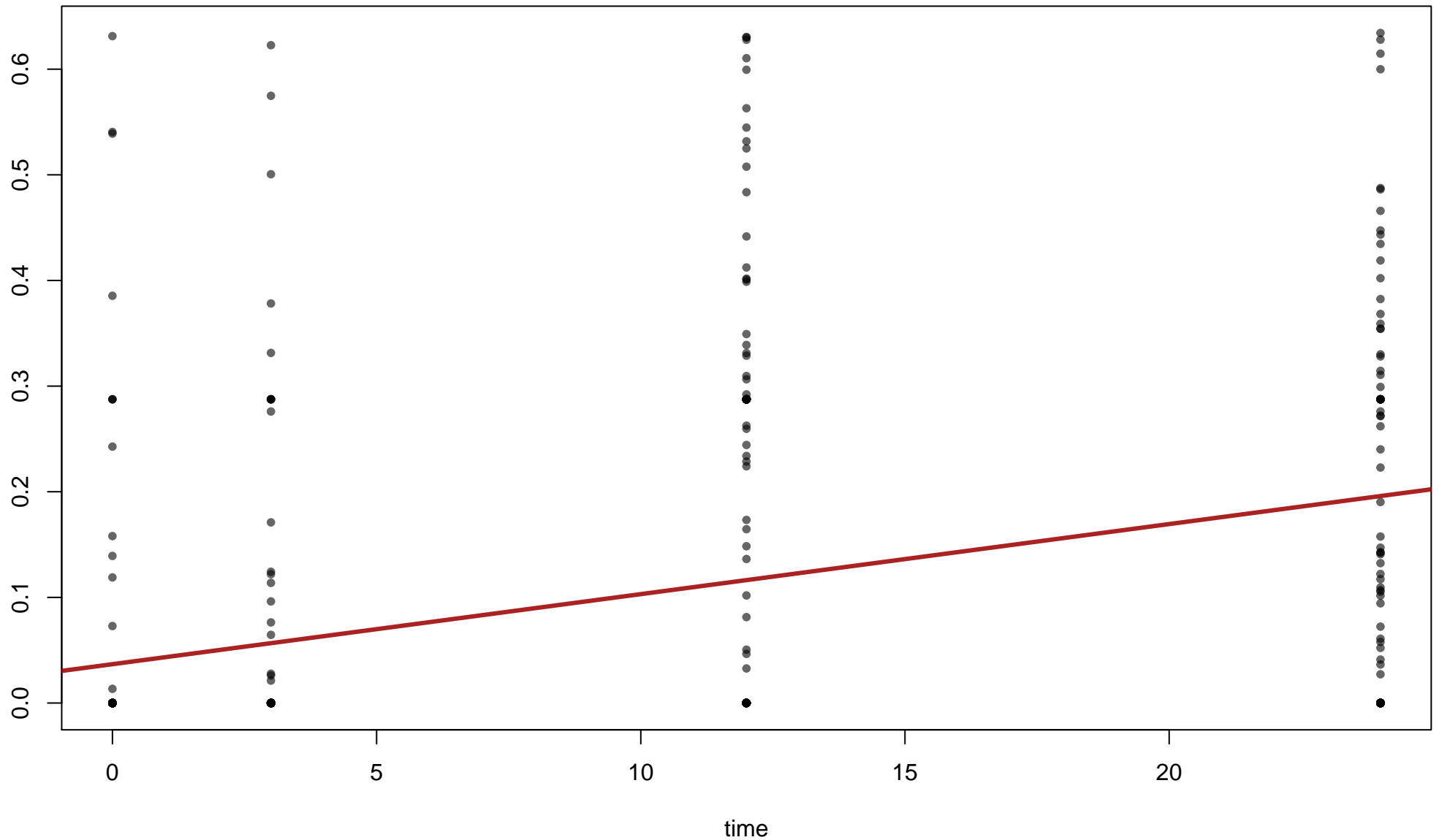
time (0.00943 sd 0.000971, p=1.12e-19, q=3.05e-18)



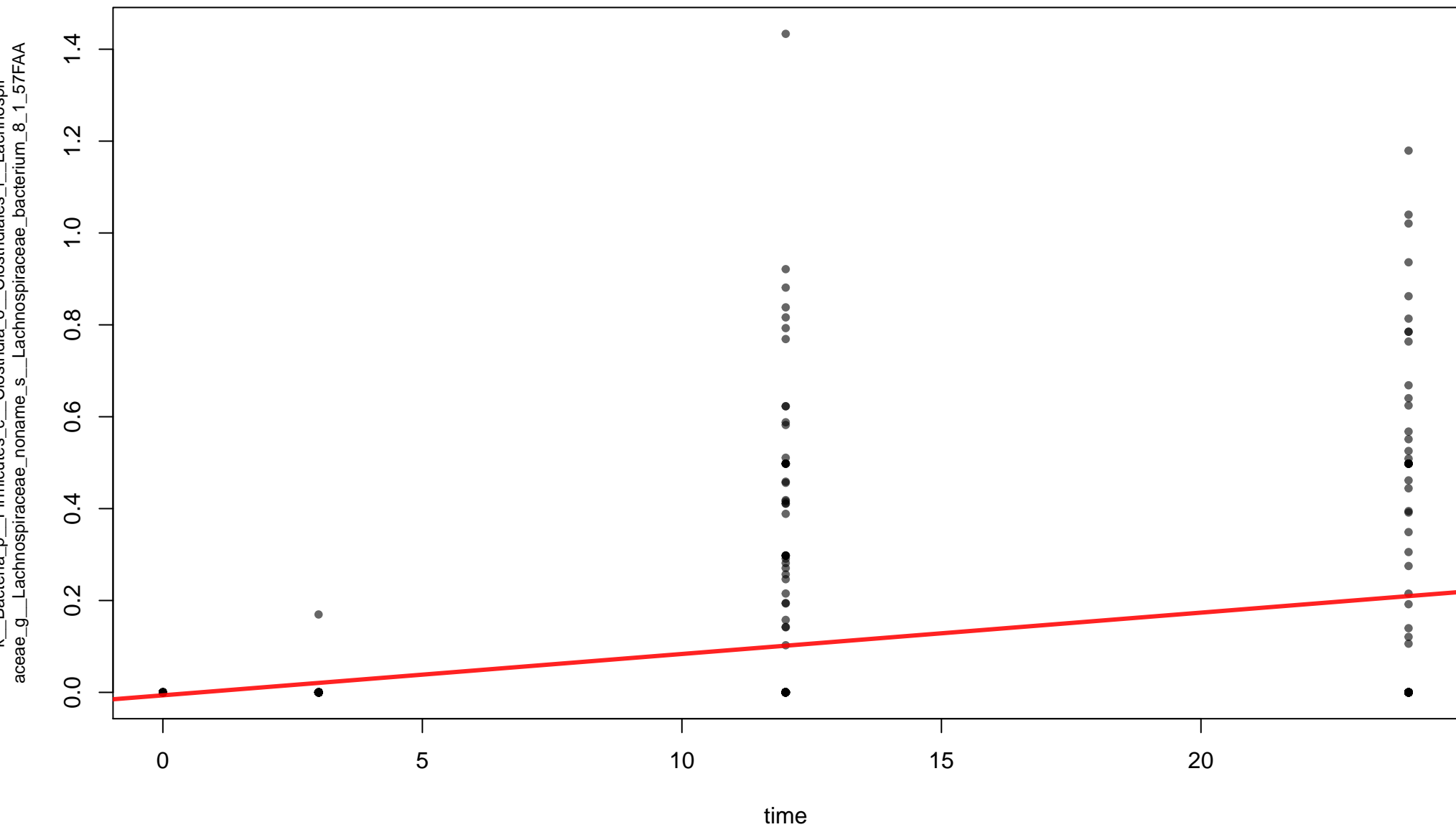
time (0.00667 sd 0.000699, p=3.64e-19, q=9.76e-18)



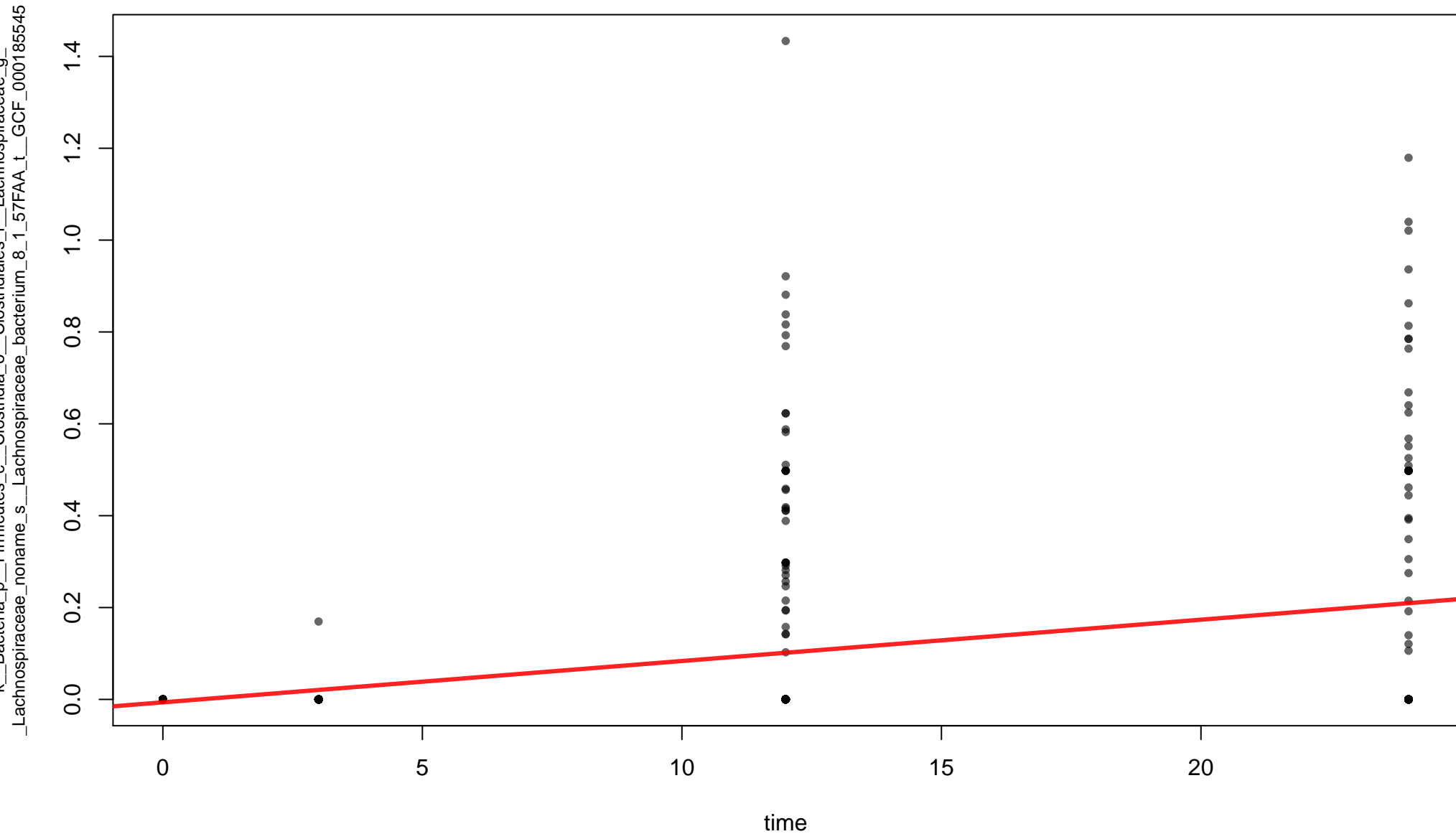
eae_g__Bacteroides_s__Bacteroides_ovatus_t__Bacteroides_ovatus_unclassified



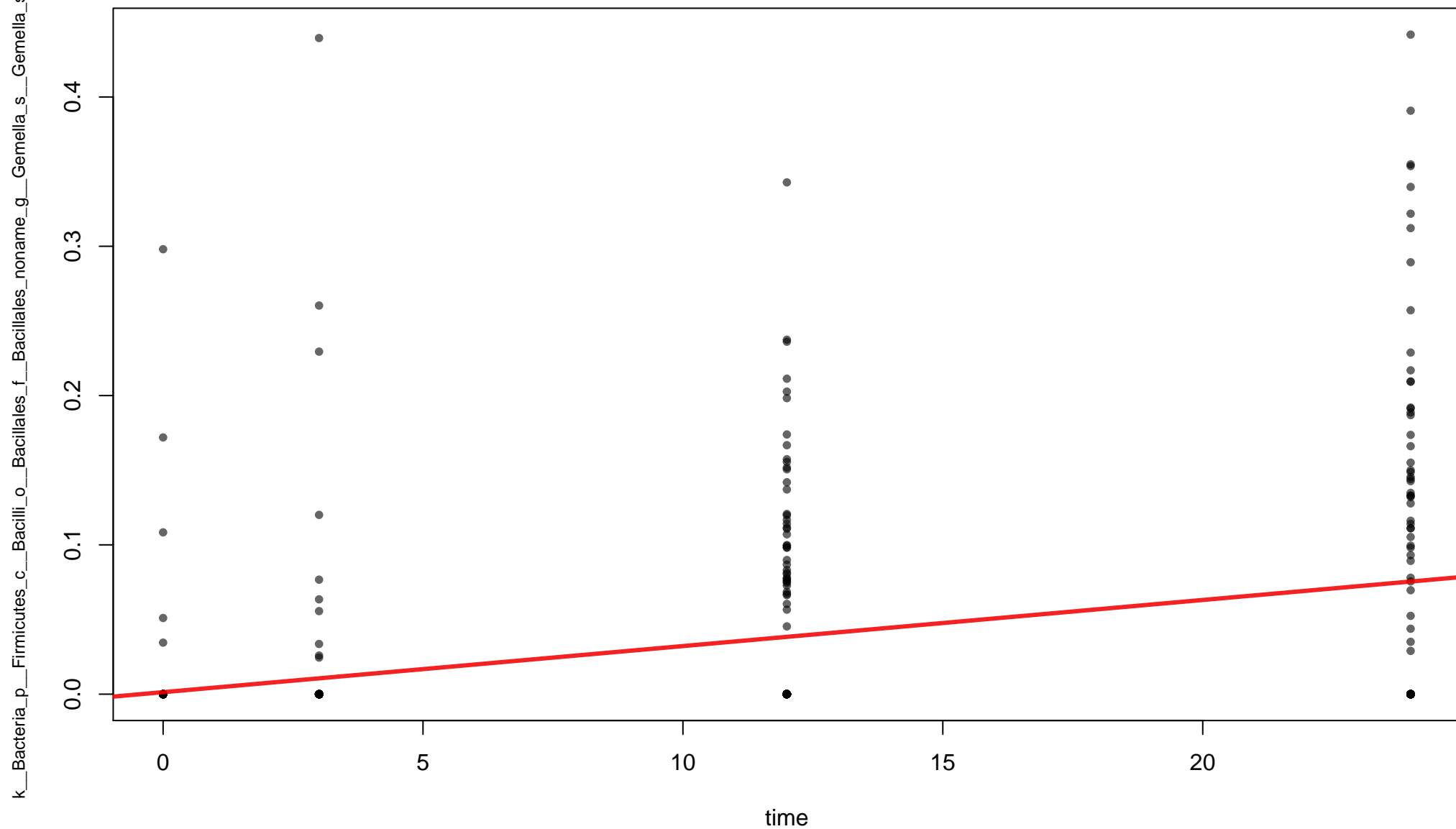
time (0.00902 sd 0.000947, p=4.3e-19, q=1.13e-17)



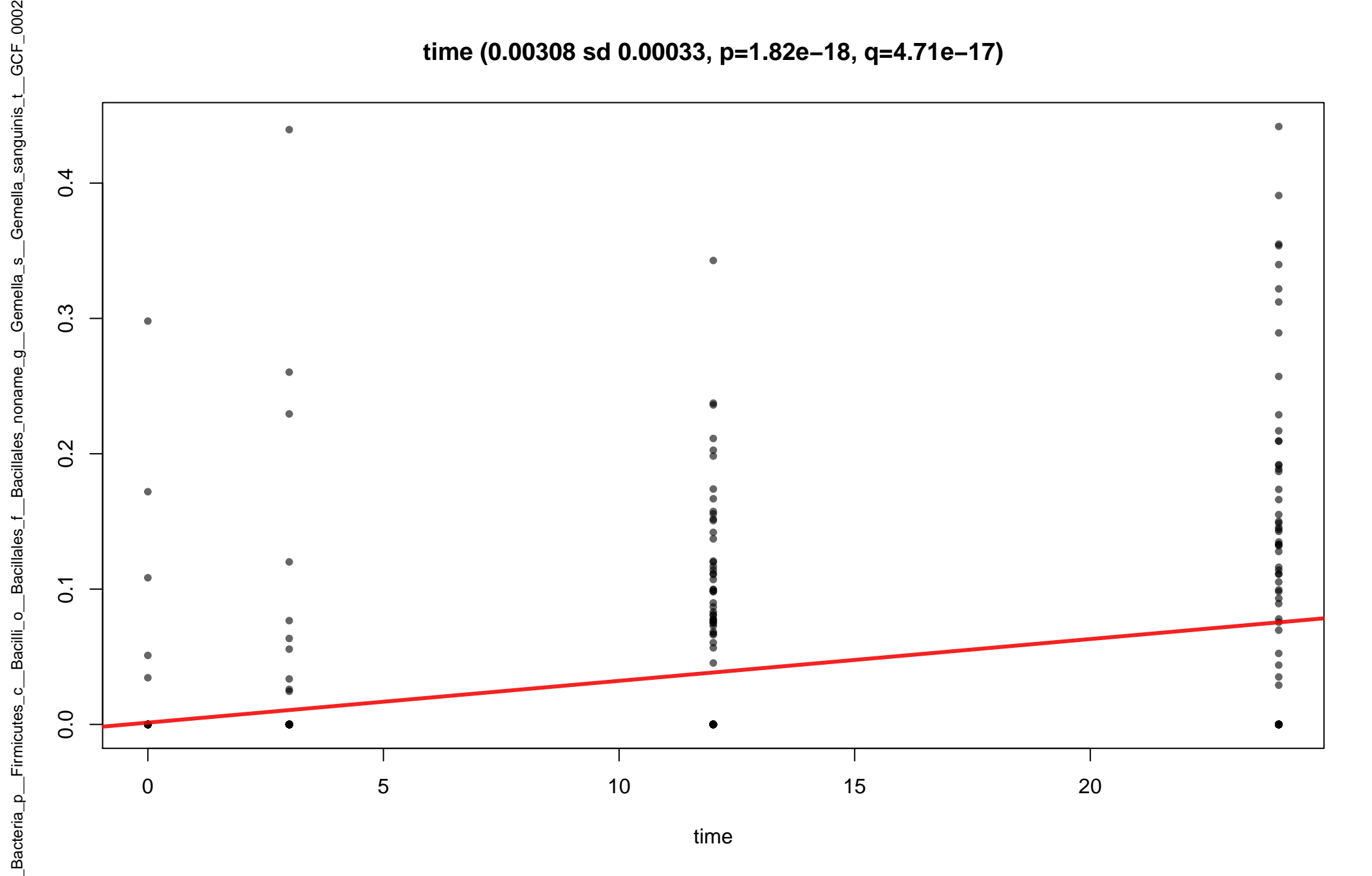
time (0.00902 sd 0.000947, p=4.3e-19, q=1.13e-17)



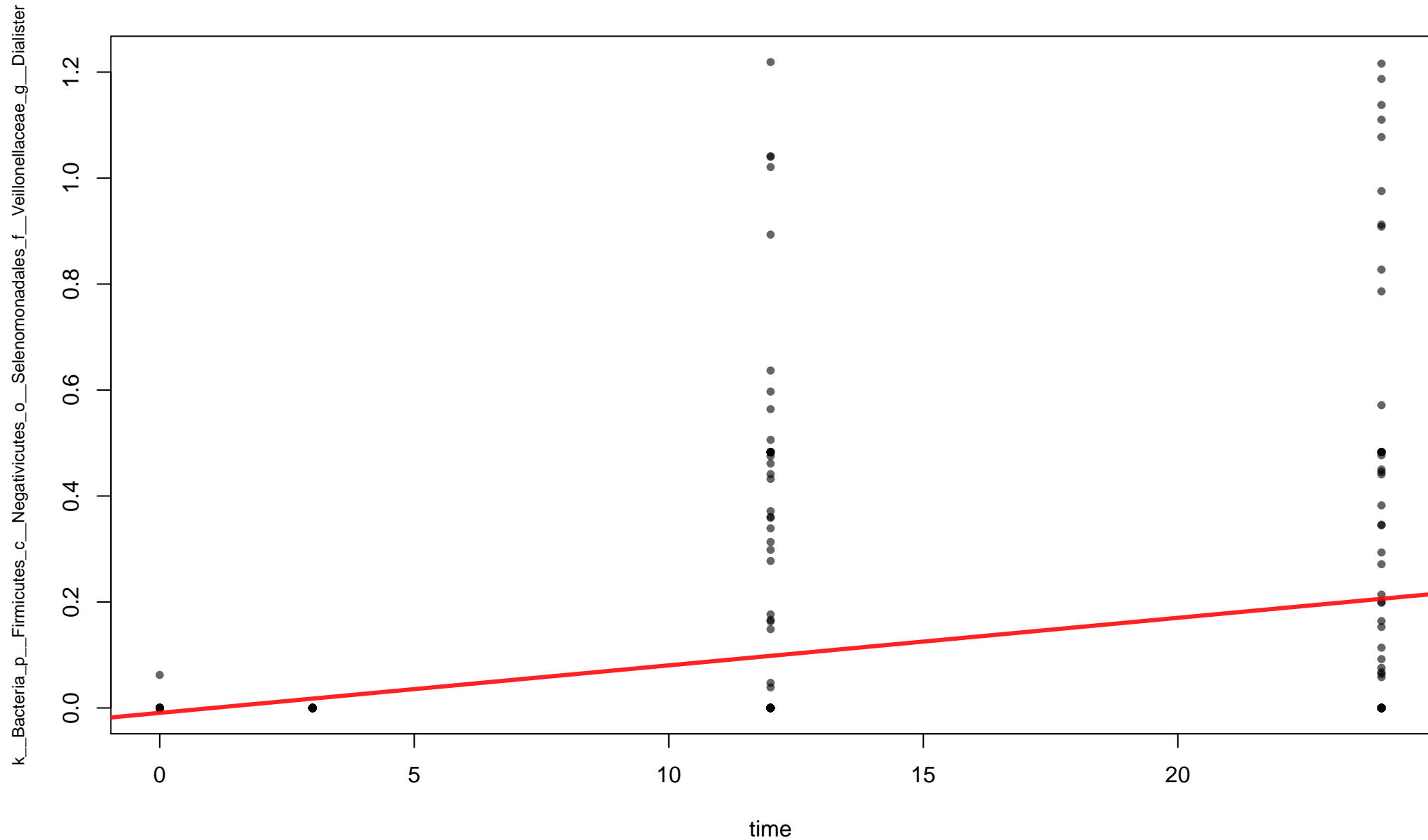
time (0.00308 sd 0.00033, p=1.82e-18, q=4.71e-17)



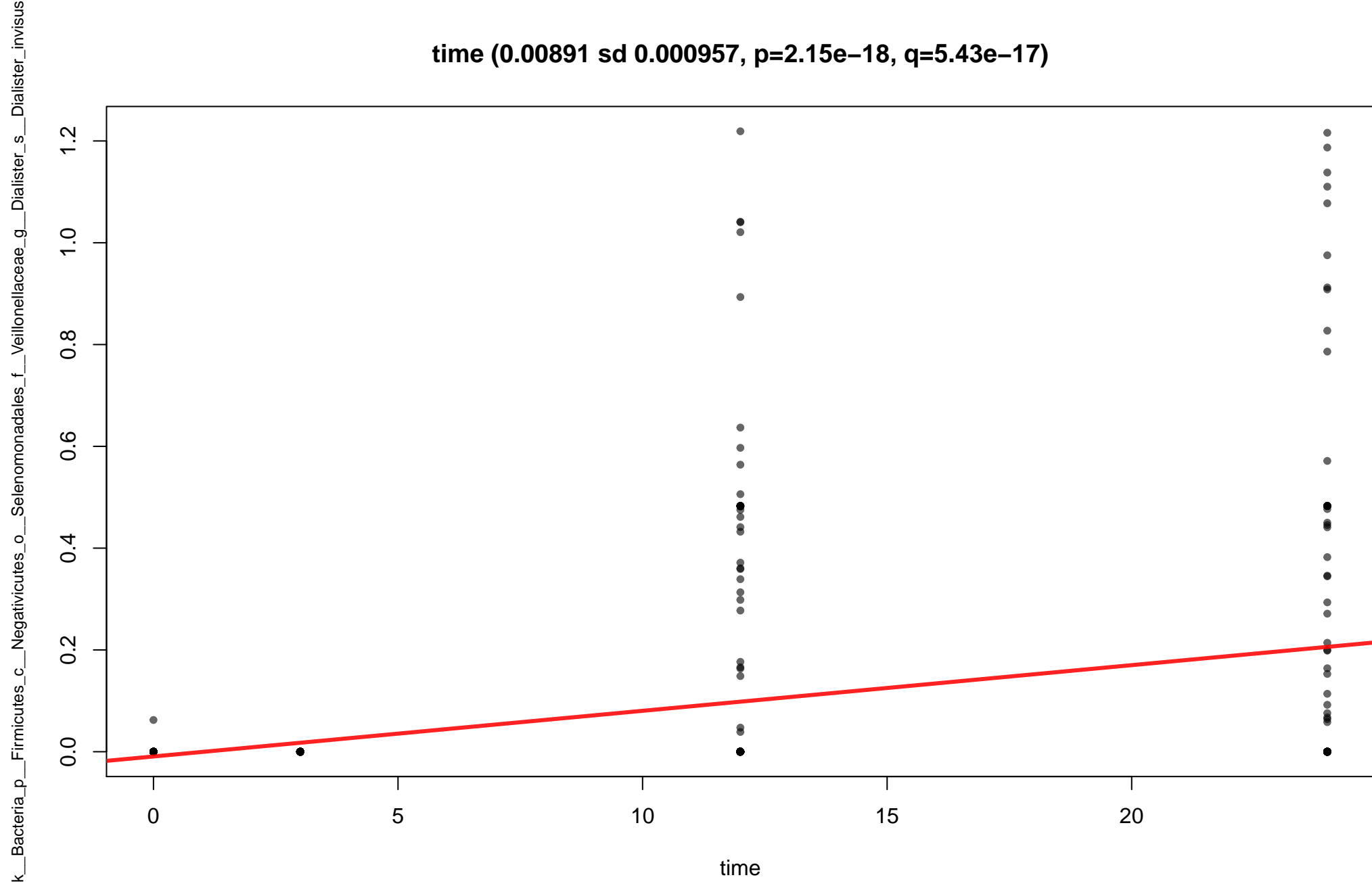
time (0.00308 sd 0.00033, p=1.82e-18, q=4.71e-17)



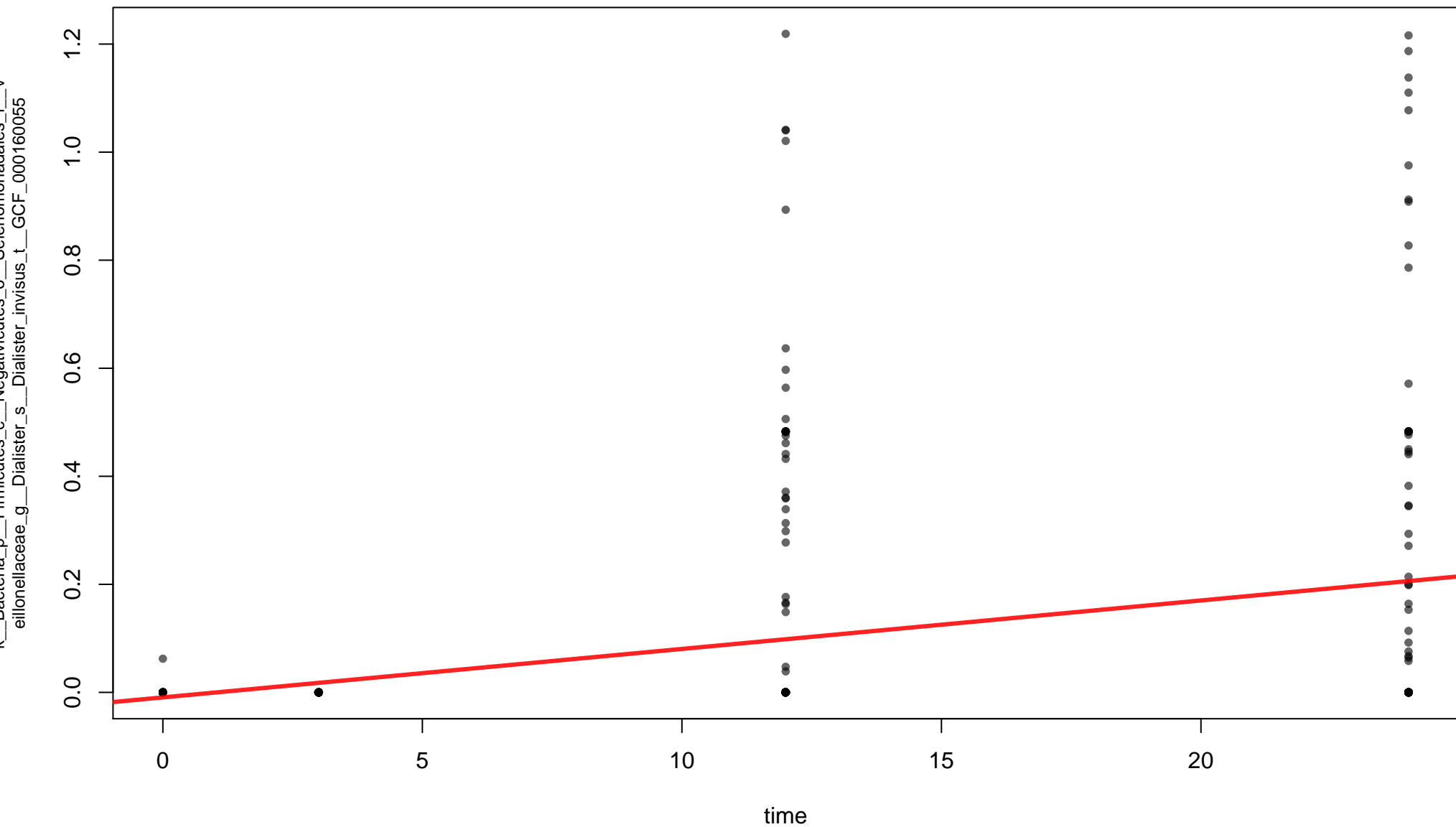
time (0.00891 sd 0.000957, p=2.15e-18, q=5.43e-17)



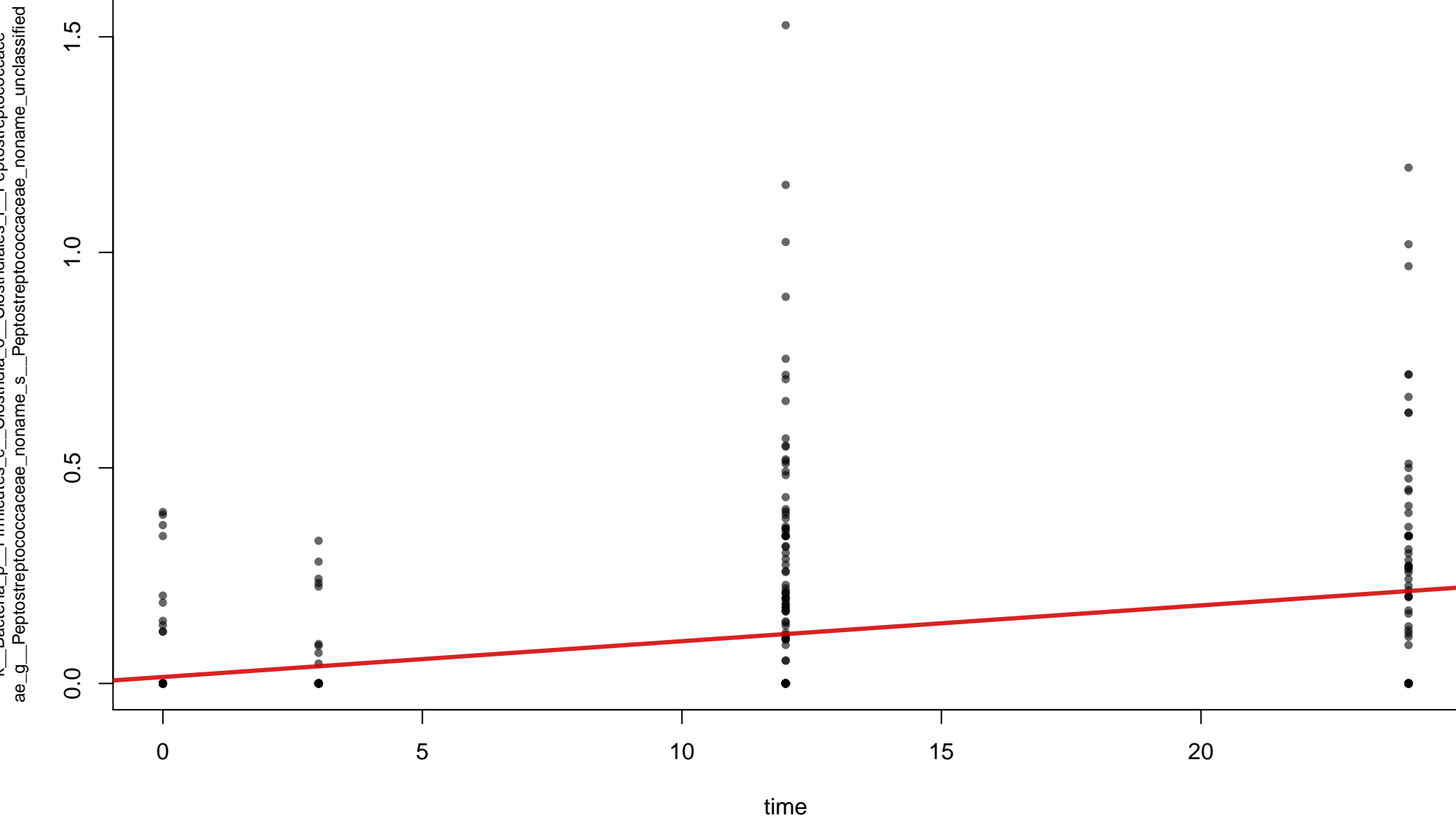
time (0.00891 sd 0.000957, p=2.15e-18, q=5.43e-17)



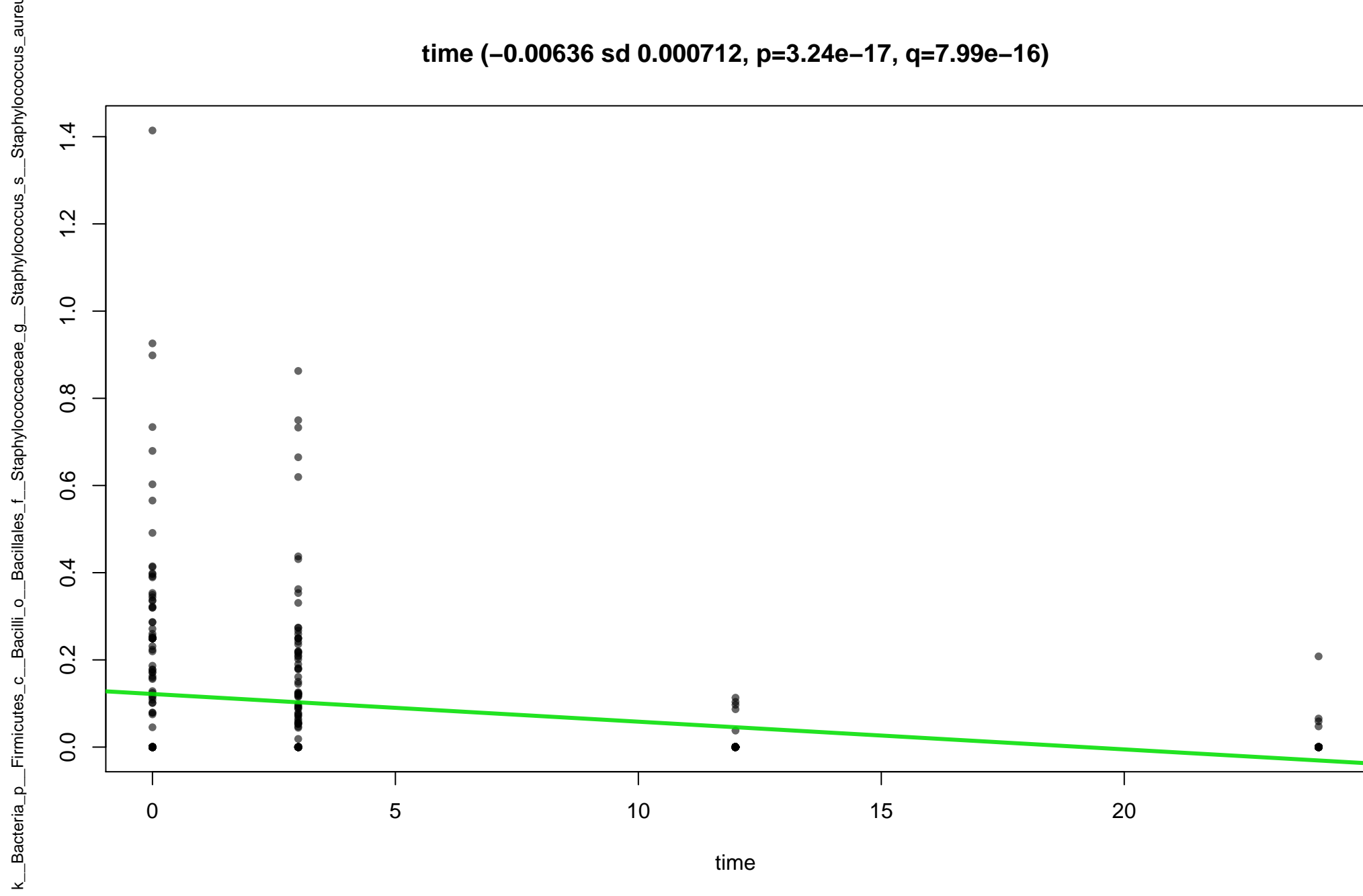
time (0.00891 sd 0.000957, p=2.15e-18, q=5.43e-17)



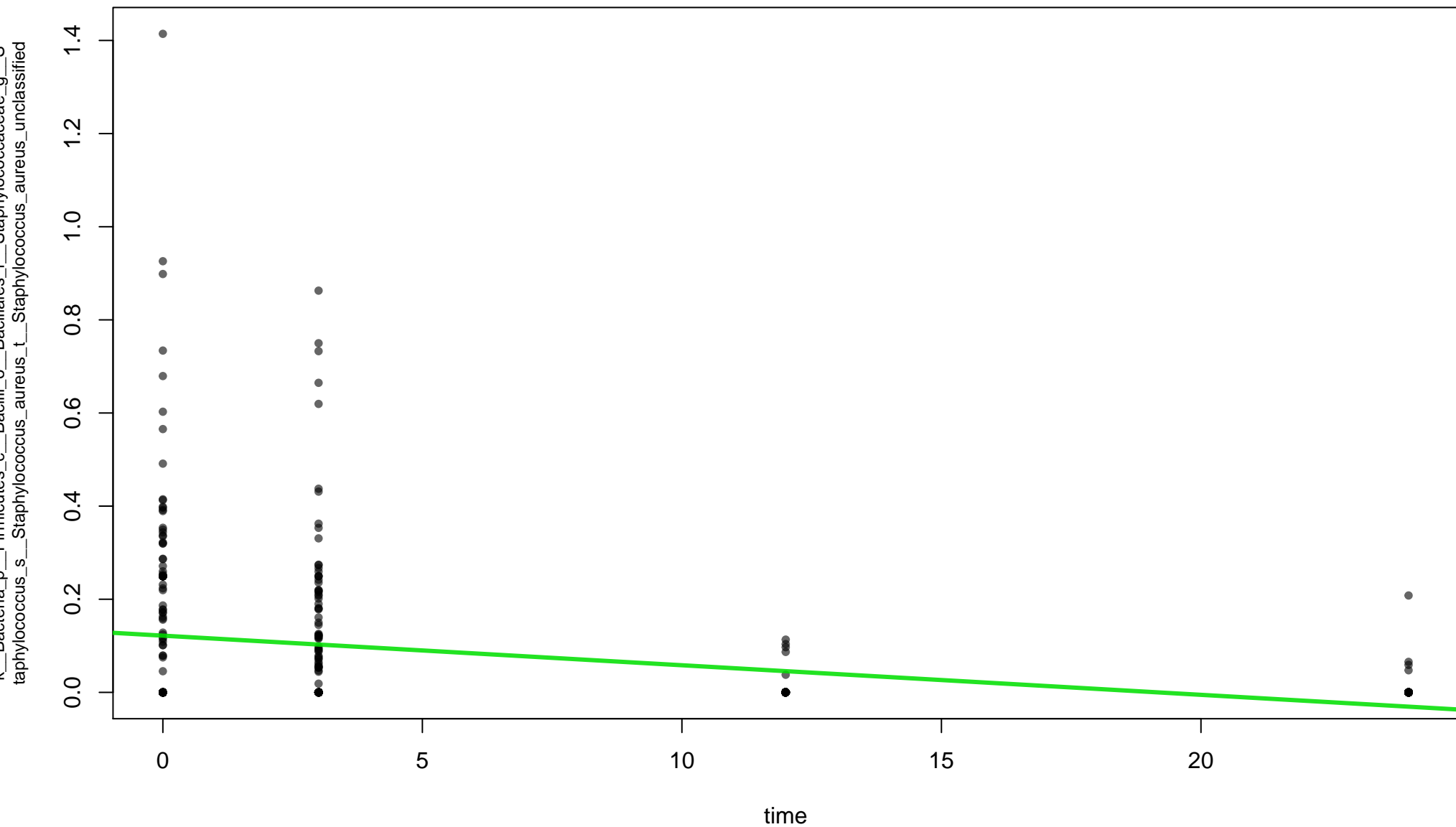
time (0.00833 sd 0.000899, p=3.15e-18, q=7.88e-17)



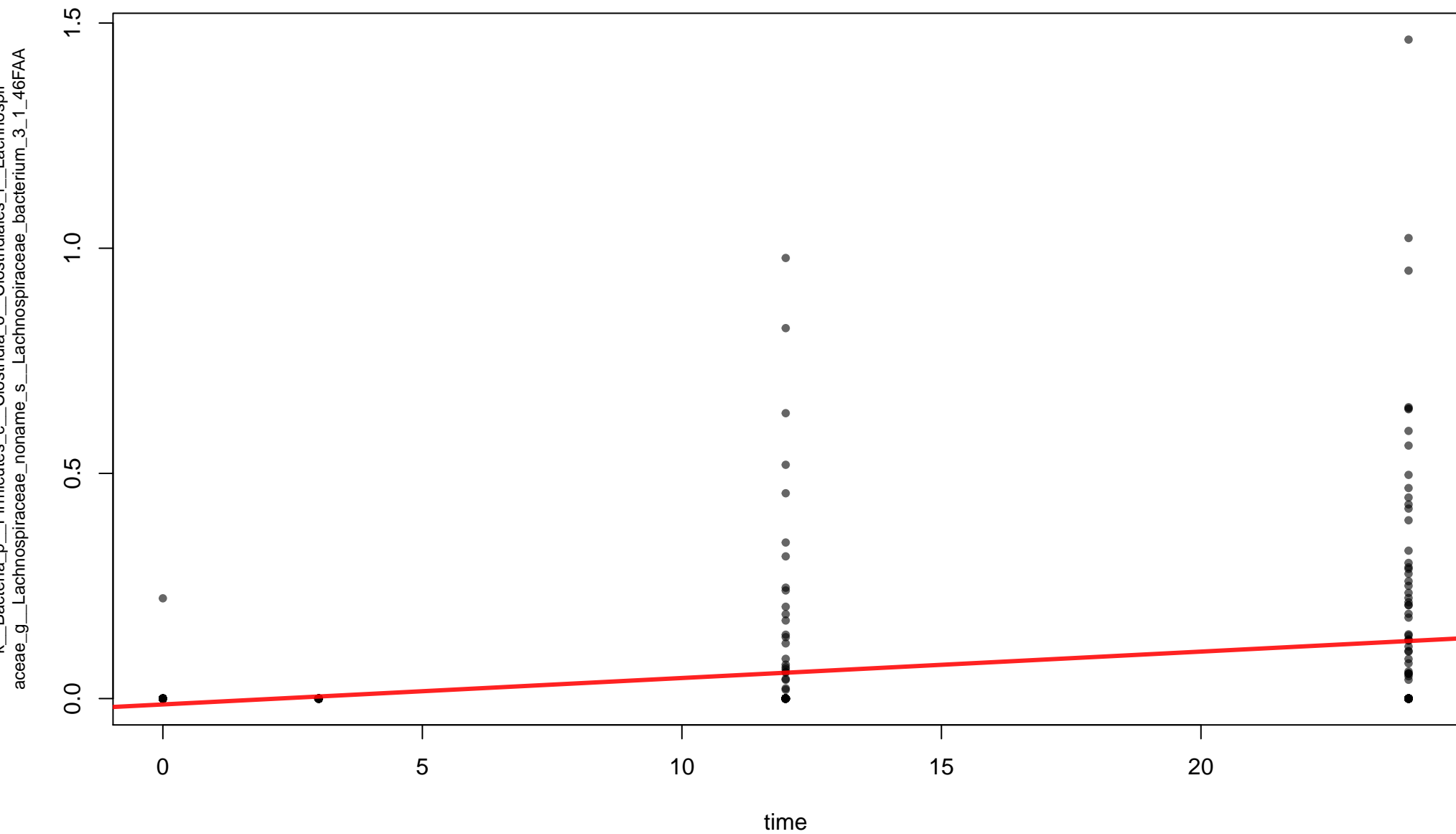
time (-0.00636 sd 0.000712 , $p=3.24e-17$, $q=7.99e-16$)



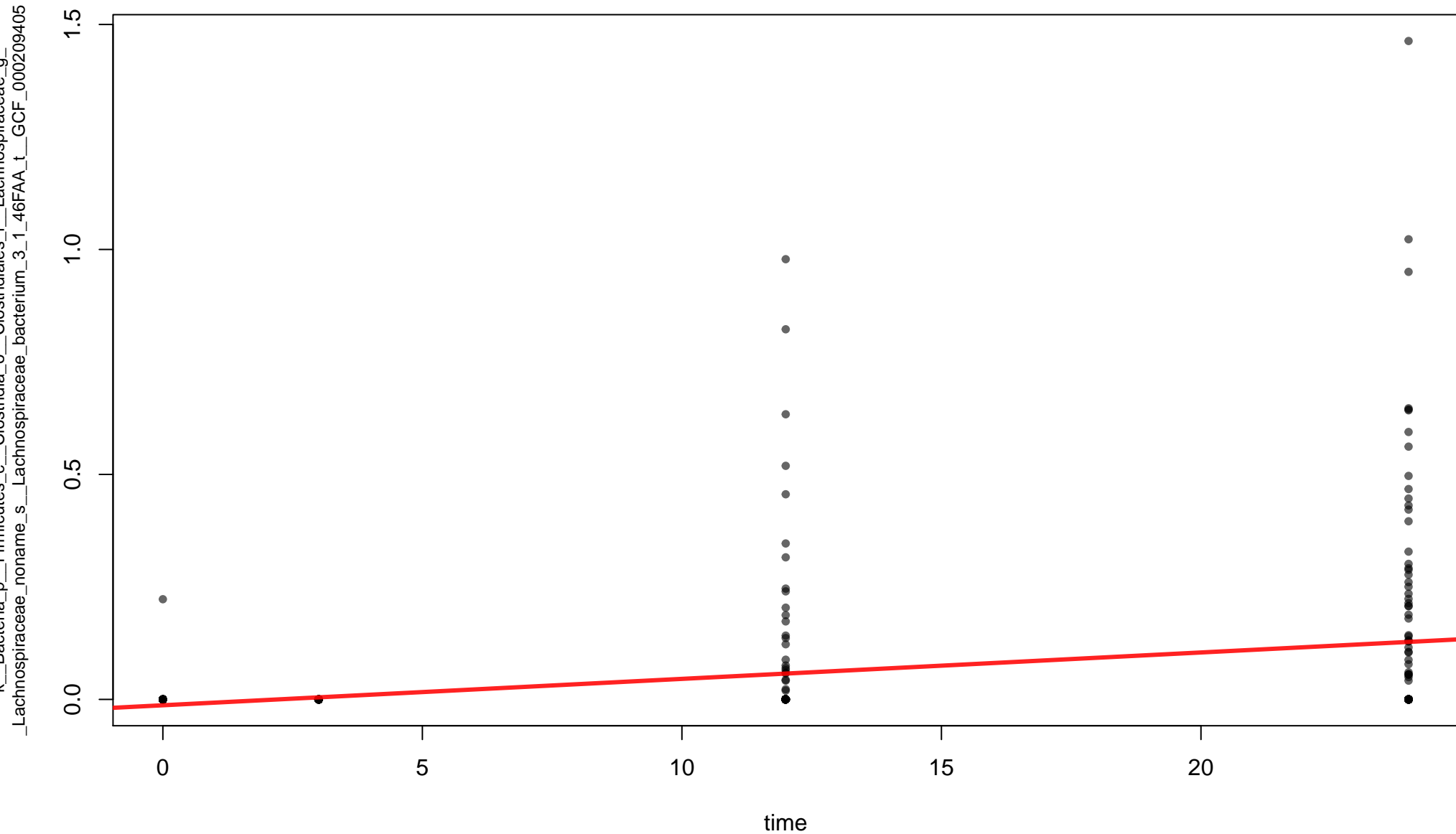
time (-0.00636 sd 0.000712 , $p=3.24e-17$, $q=7.99e-16$)



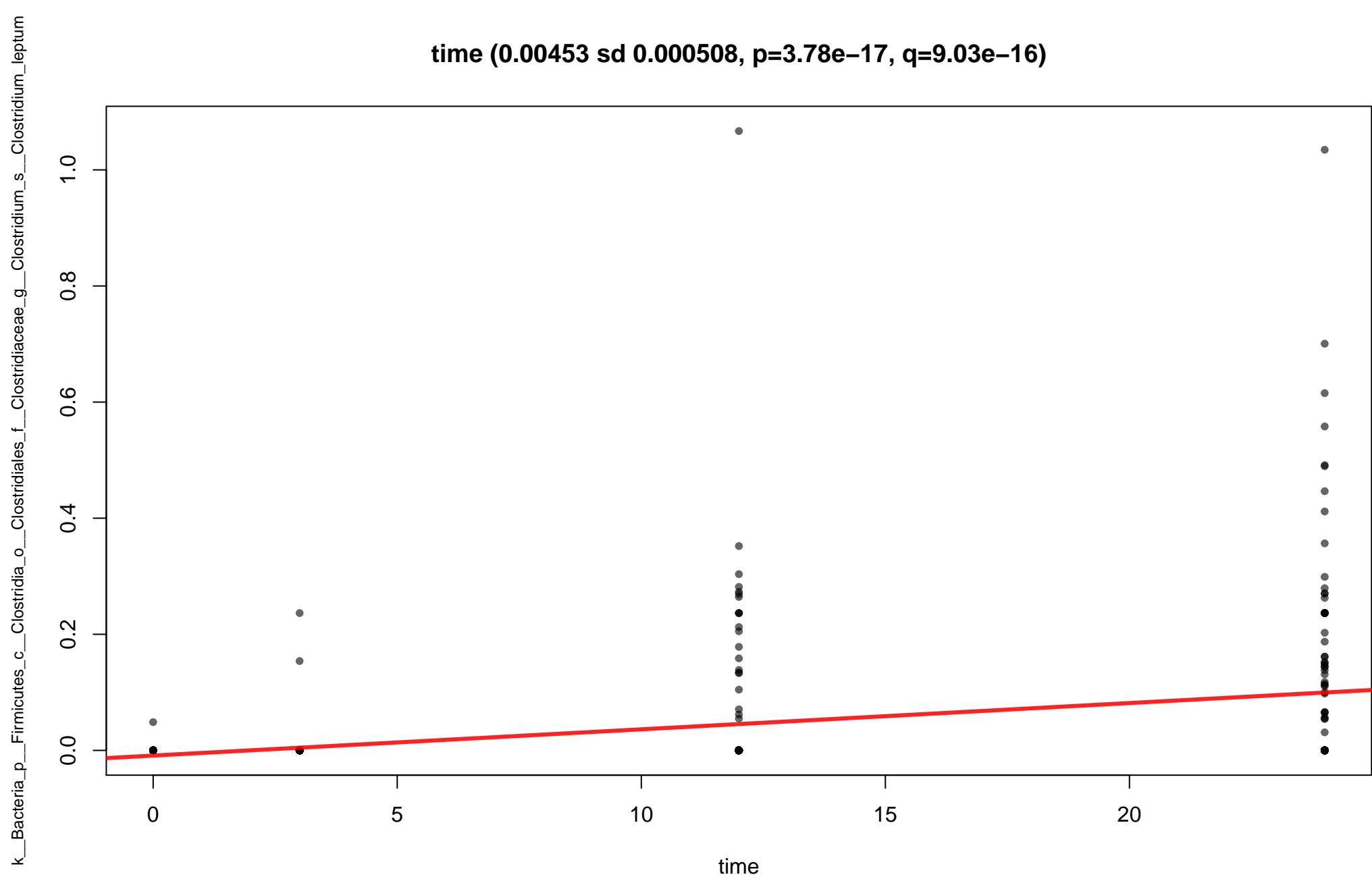
time (0.00583 sd 0.000653, p=3.78e-17, q=9.03e-16)

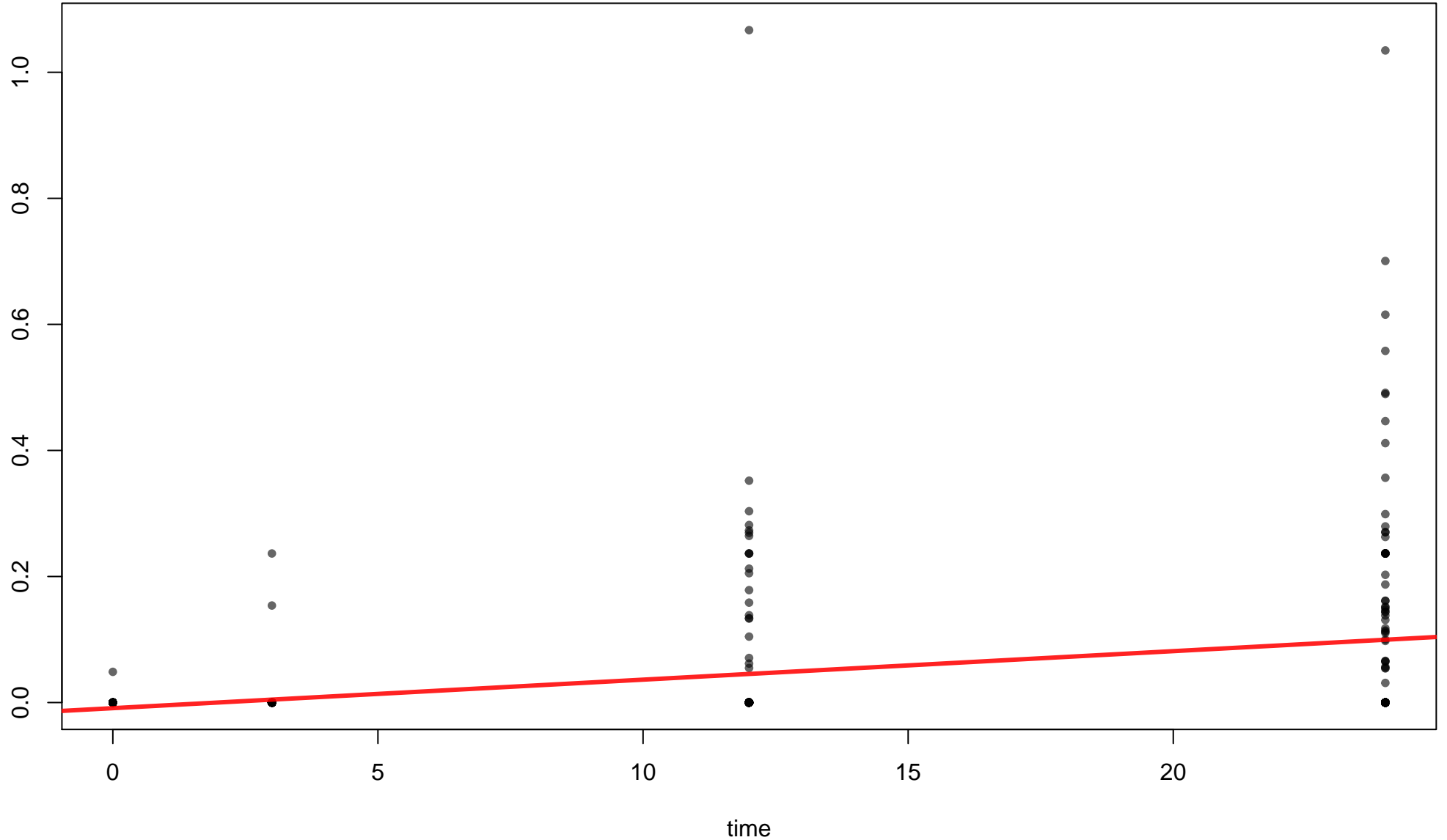


time (0.00583 sd 0.000653, p=3.78e-17, q=9.03e-16)

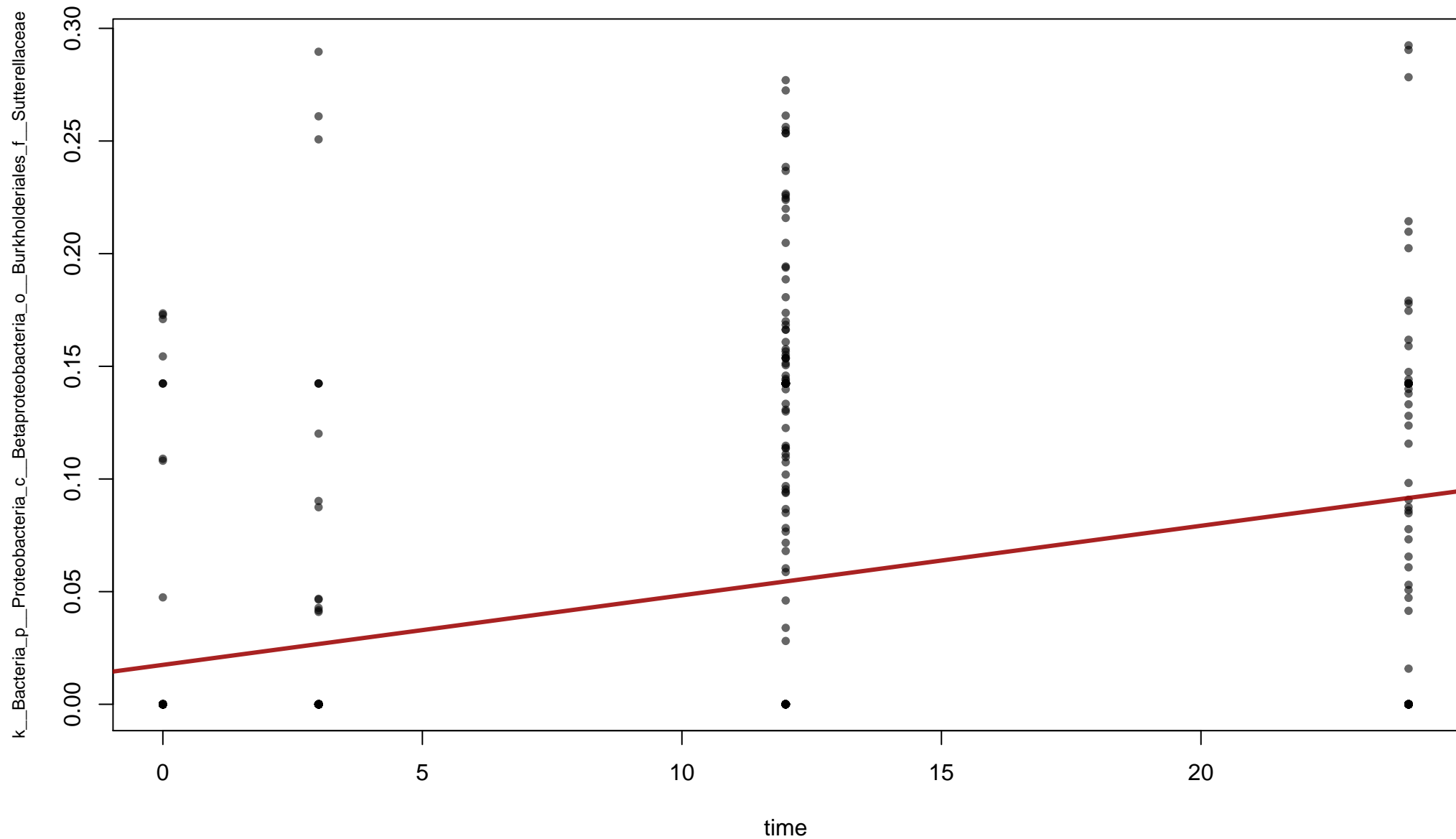


time (0.00453 sd 0.000508, p=3.78e-17, q=9.03e-16)



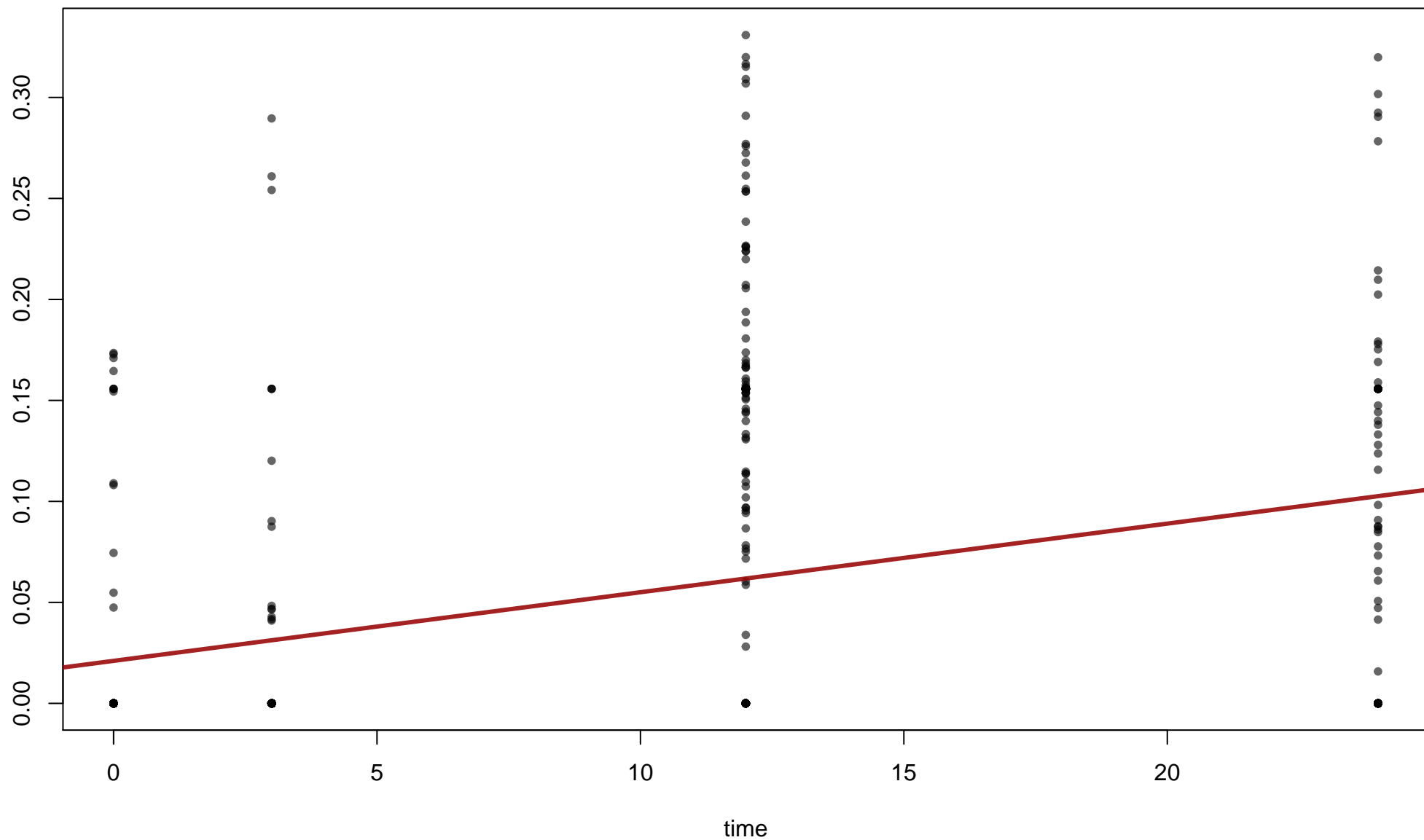
tridiaceae_g__Clostridium_s__Clostridium_leptum_t__GCF_000154345


time (0.00309 sd 0.000347, p=4.71e-17, q=1.12e-15)



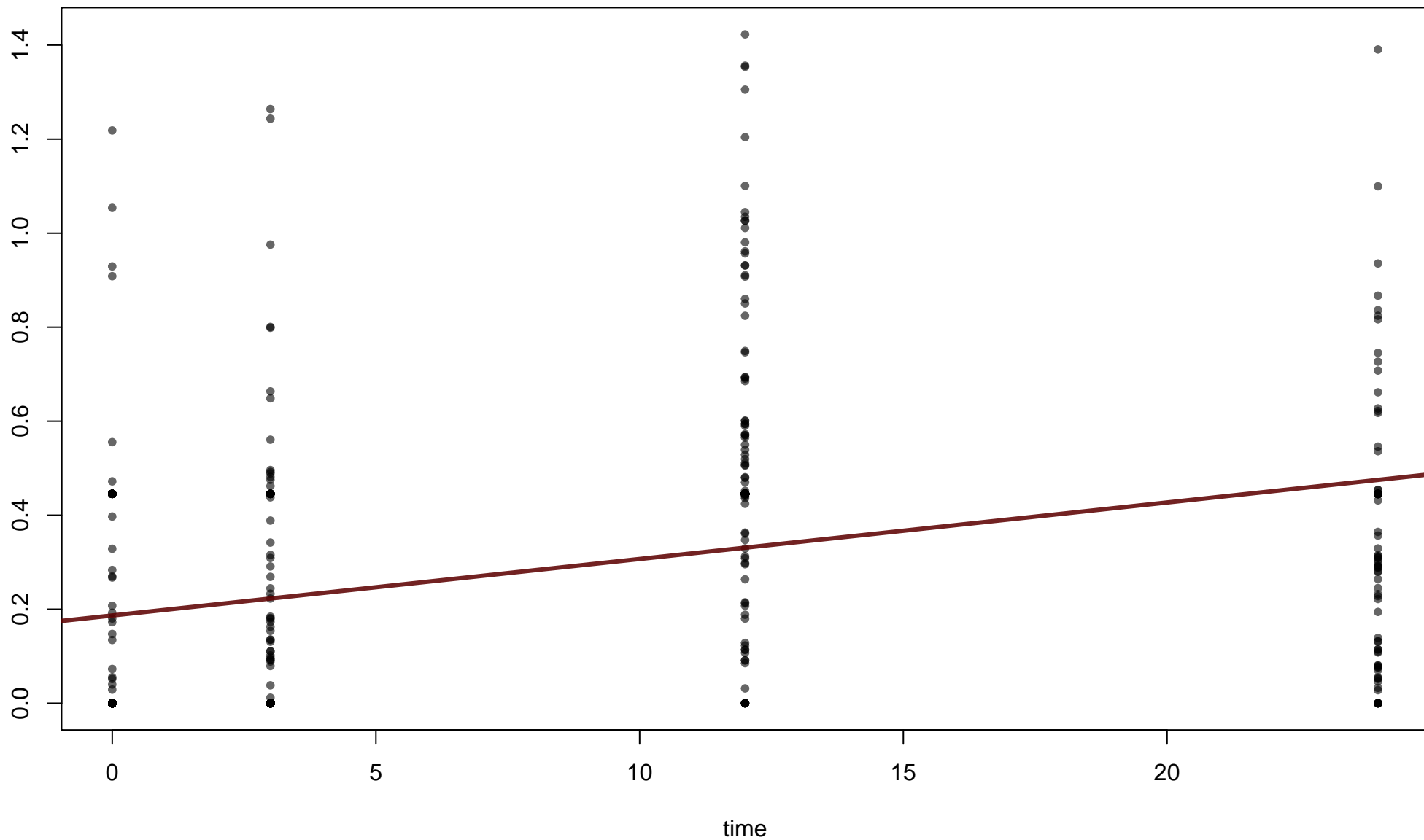
time (0.00339 sd 0.000394, p=3.63e-16, q=8.54e-15)

k_Bacteria_p__Proteobacteria_c__Betaproteobacteria_o__Burkholderiales

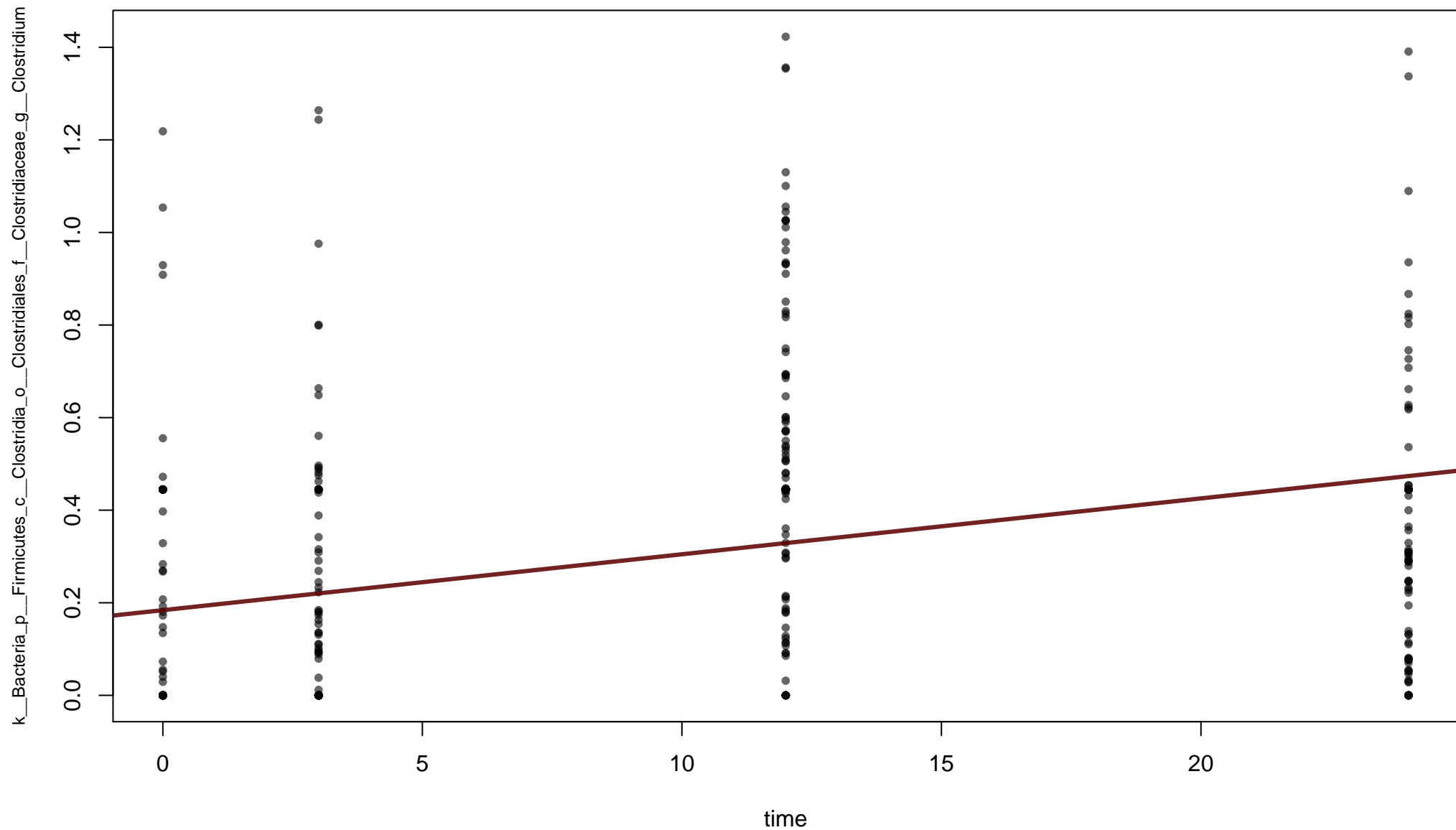


time (0.012 sd 0.00142, p=8.19e-16, q=1.91e-14)

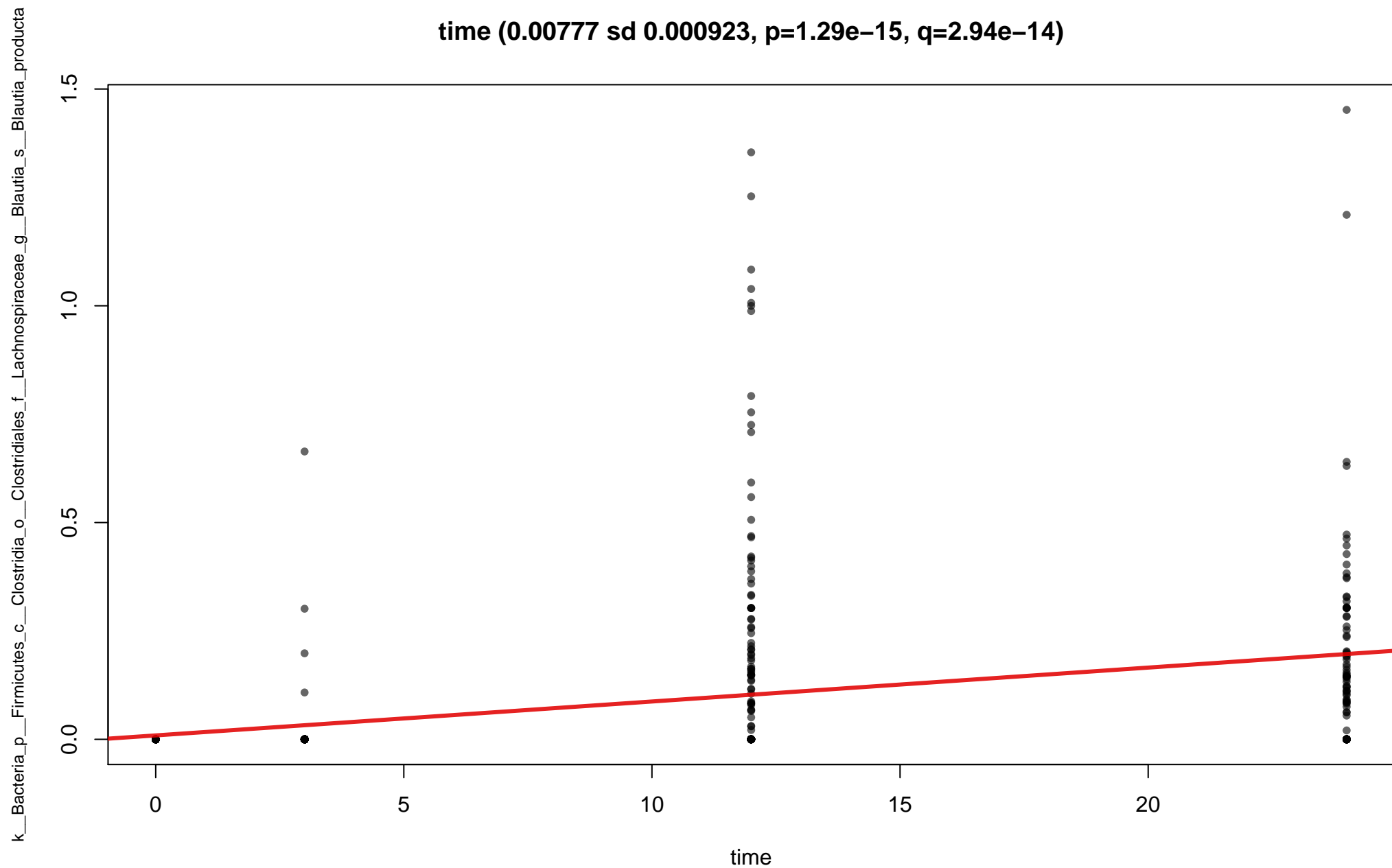
k__Bacteria_p__Firmicutes_c__Clostridia_o__Clostridiales_f__Clostridiaceae



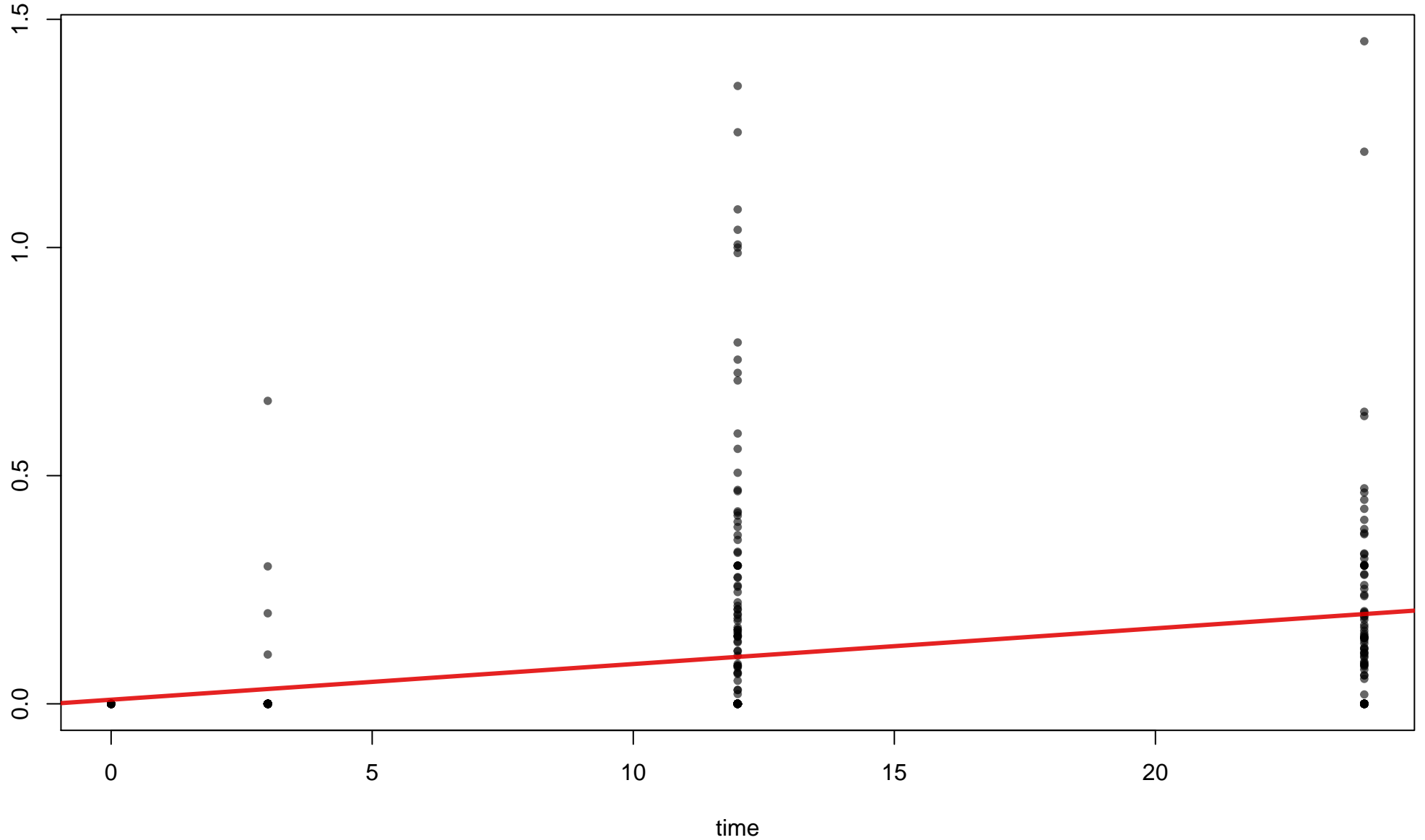
time (0.0121 sd 0.00143, p=8.98e-16, q=2.08e-14)



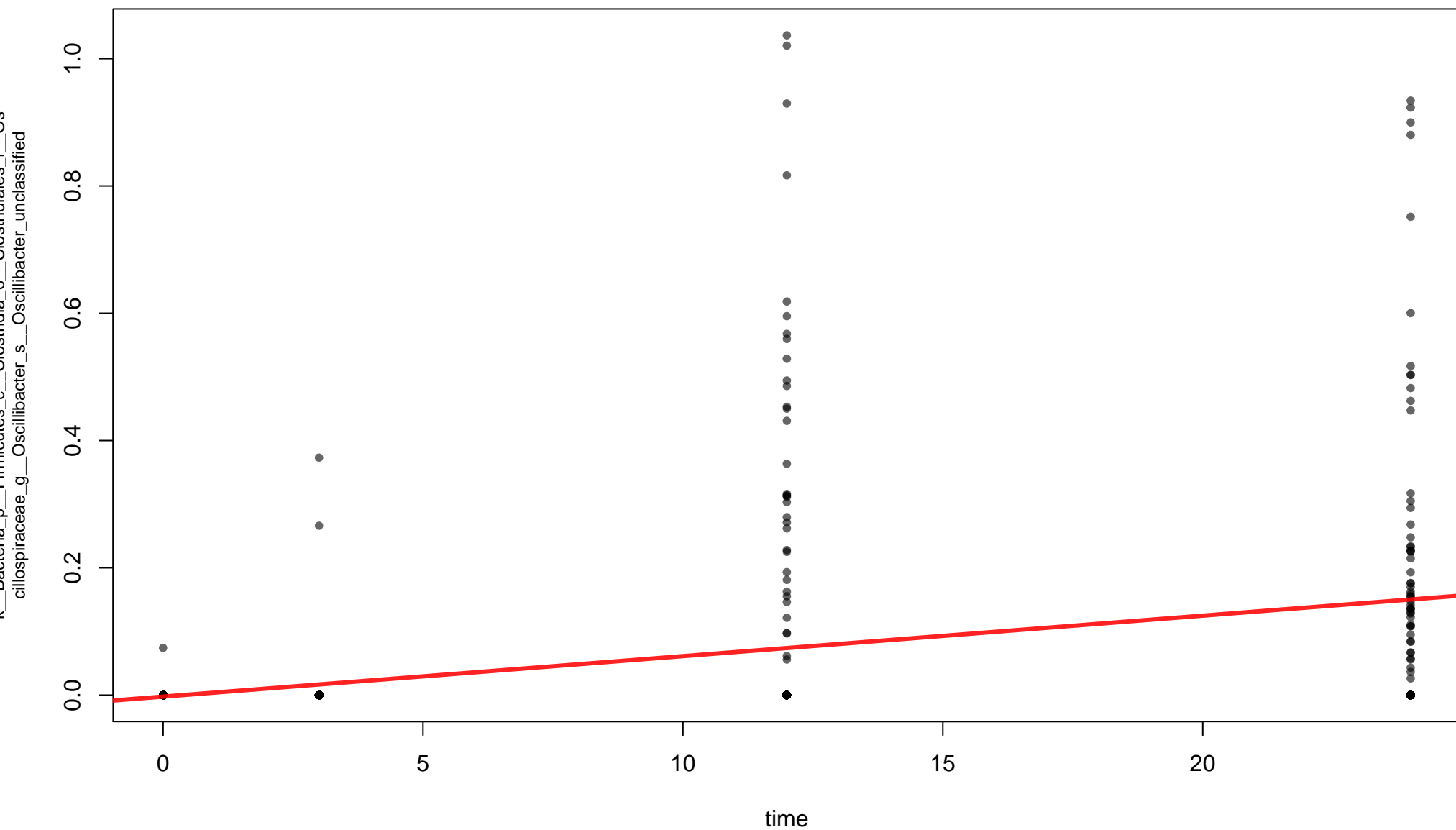
time (0.00777 sd 0.000923, p=1.29e-15, q=2.94e-14)



n__Bacteria__p__Firmicutes__c__Clostridia__o__Clostridiales__f__Lachnospiraceae__g__Blautia_s__Blautia_producta_t__GCF_000373885

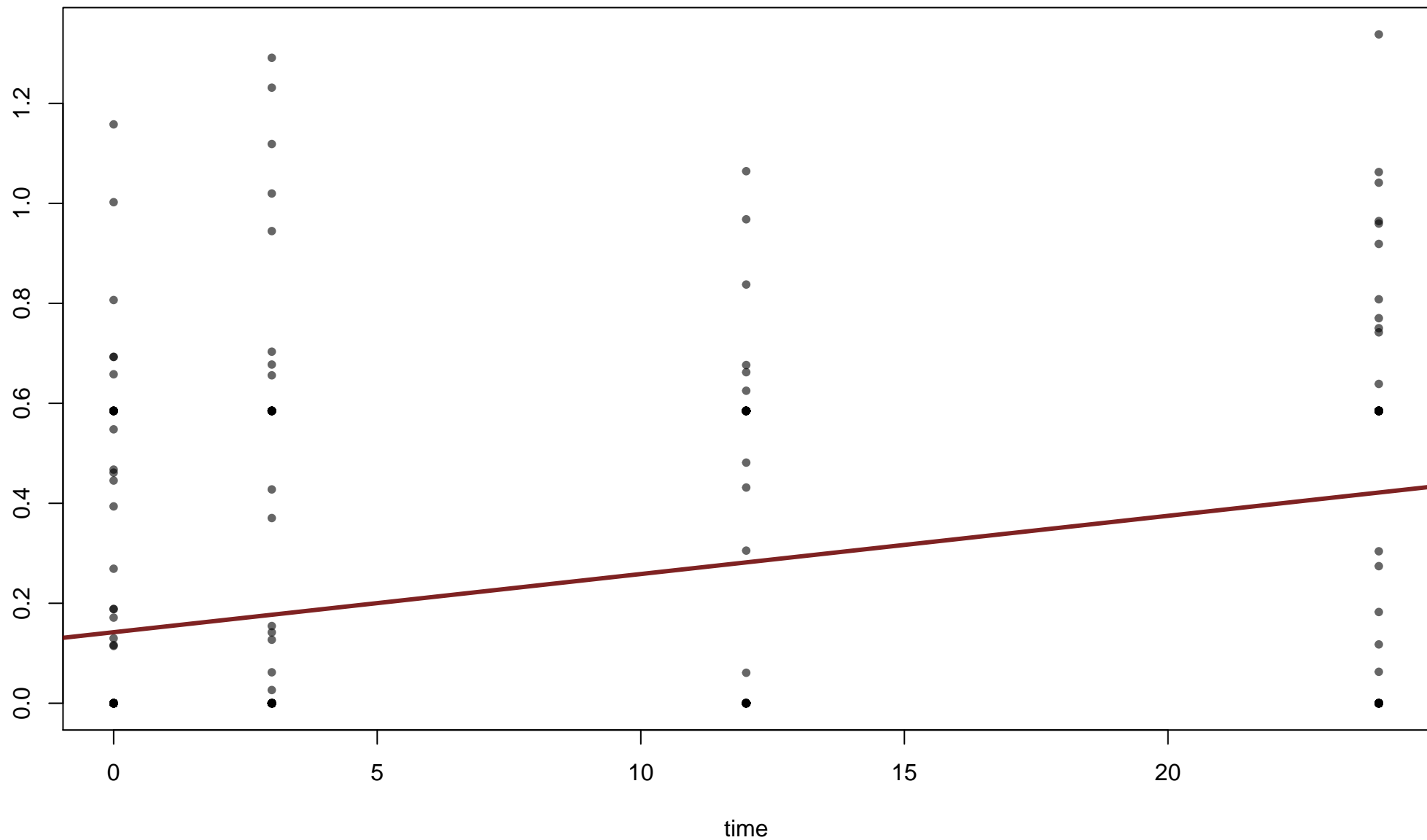


time (0.00634 sd 0.000754, p=1.42e-15, q=3.21e-14)

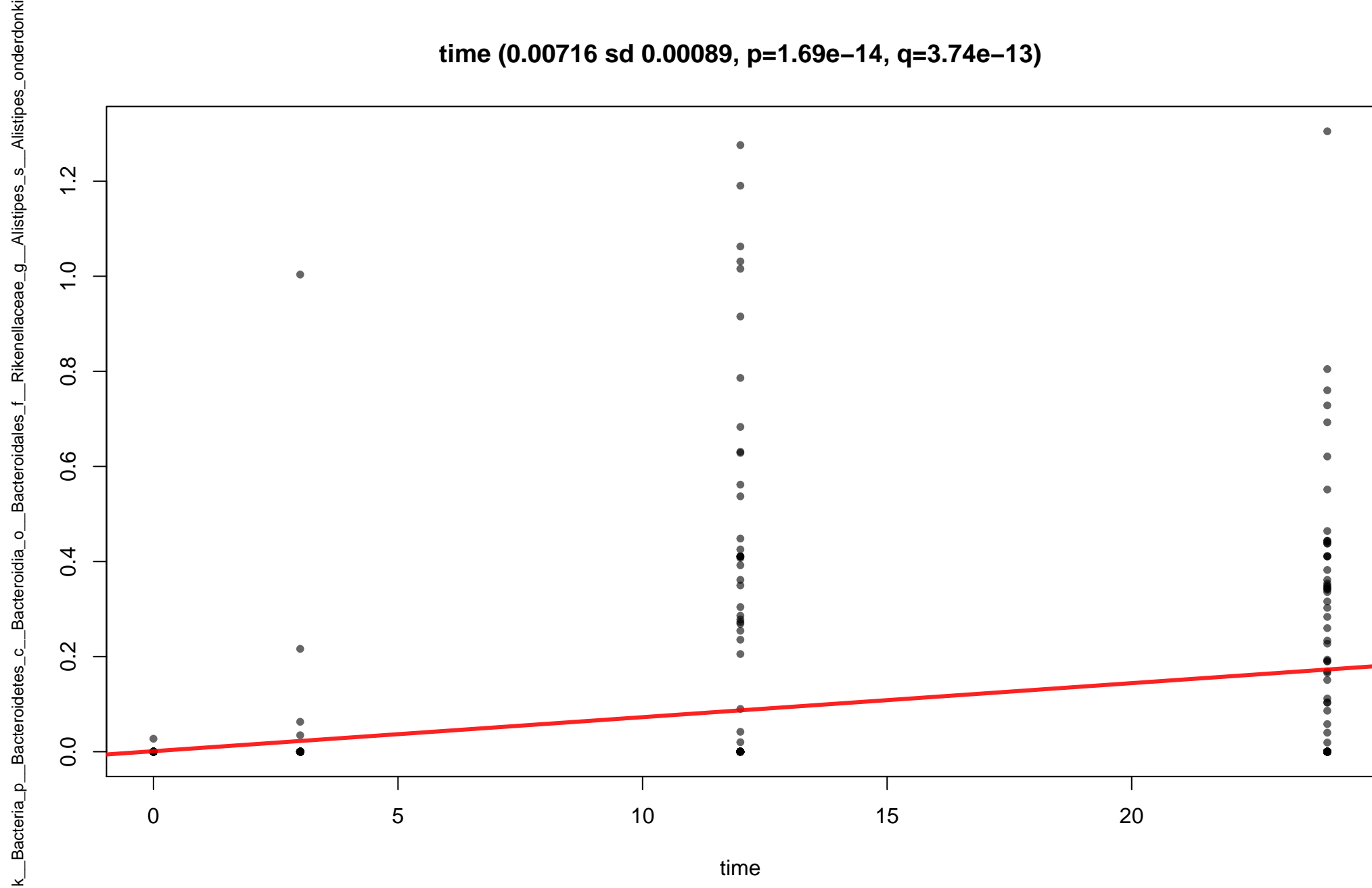


time (0.0109 sd 0.00132, p=3.47e-15, q=7.8e-14)

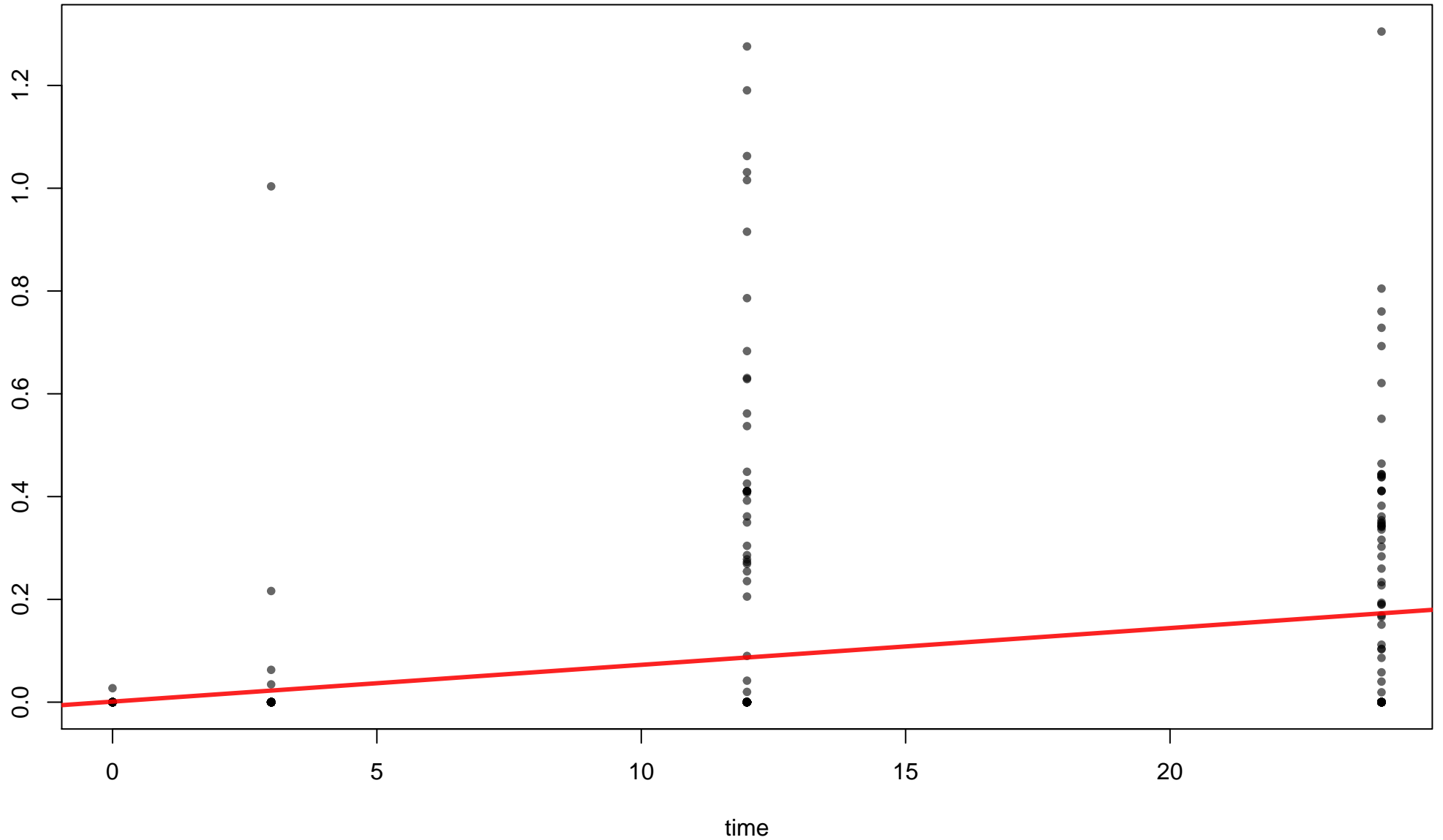
k__Bacteria_p__Actinobacteria_c__Actinobacteria_o__Coriobacteriales_f__Coriobacteriaceae_g__Collinsella



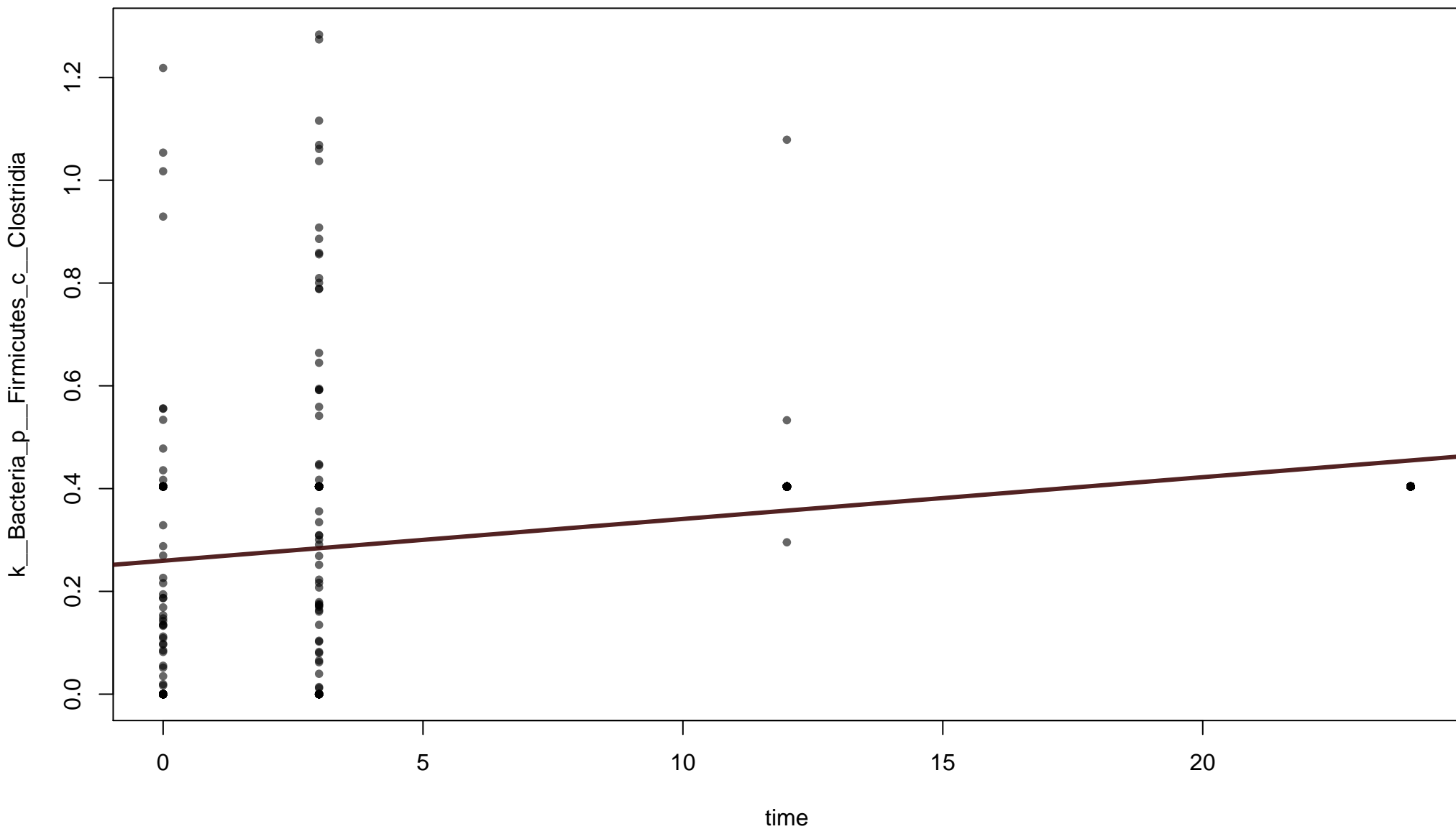
time (0.00716 sd 0.00089, p=1.69e-14, q=3.74e-13)



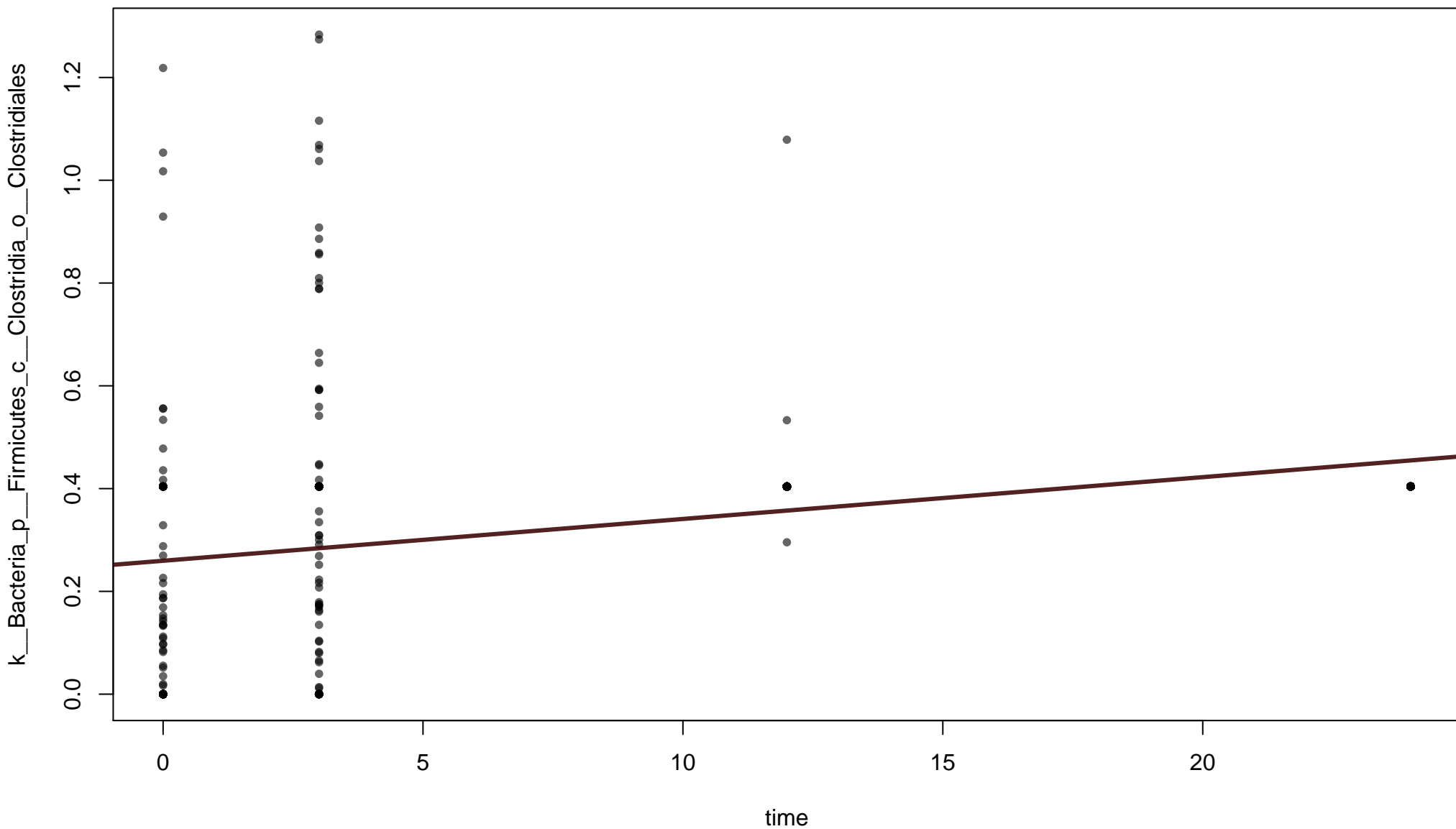
kenellaceae_g_Alistipes_s_Alistipes_ondersonkii_t_GCF_000374505



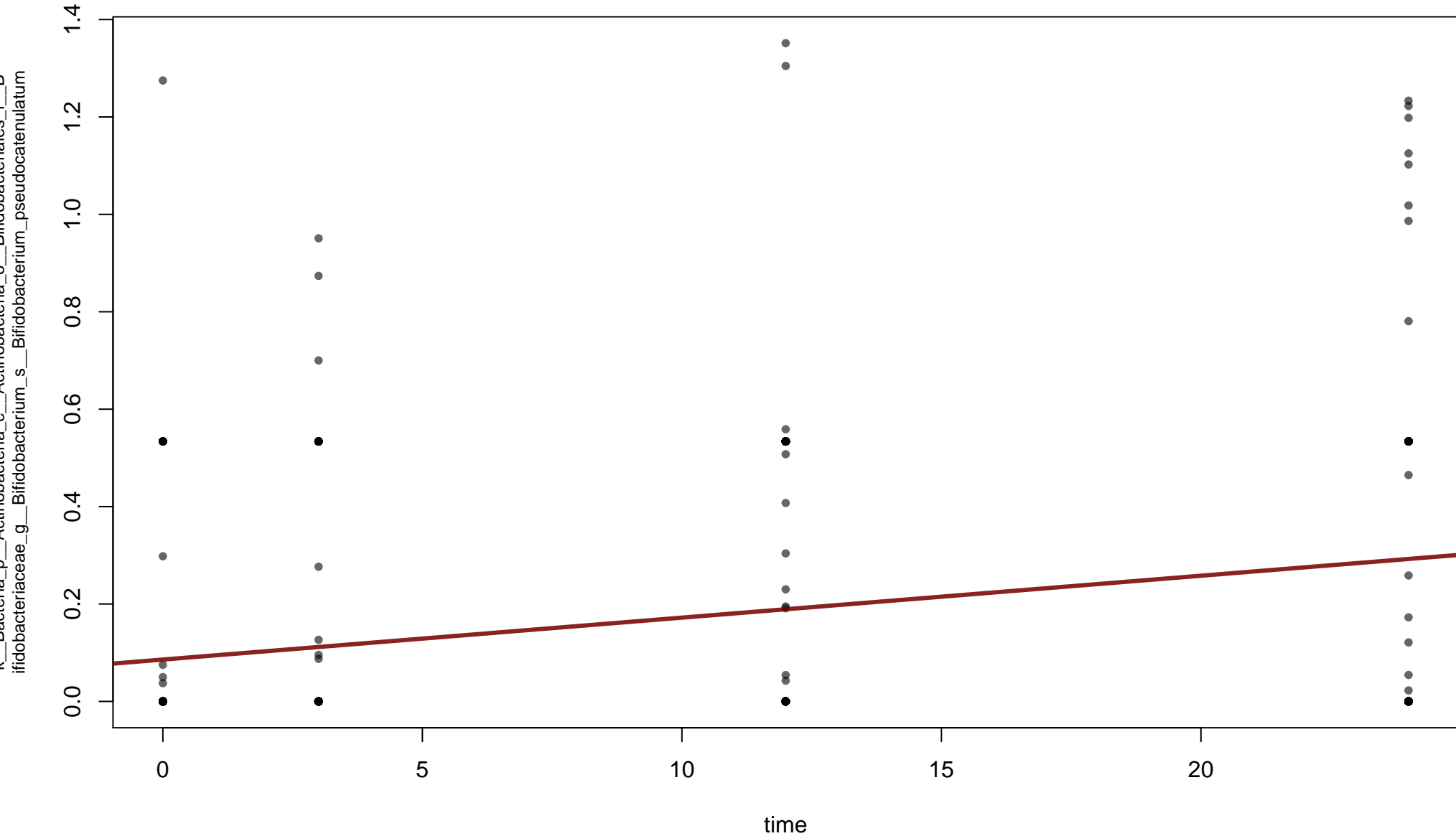
time (0.00815 sd 0.00102, p=1.97e-14, q=4.29e-13)



time (0.00815 sd 0.00102, p=1.97e-14, q=4.29e-13)

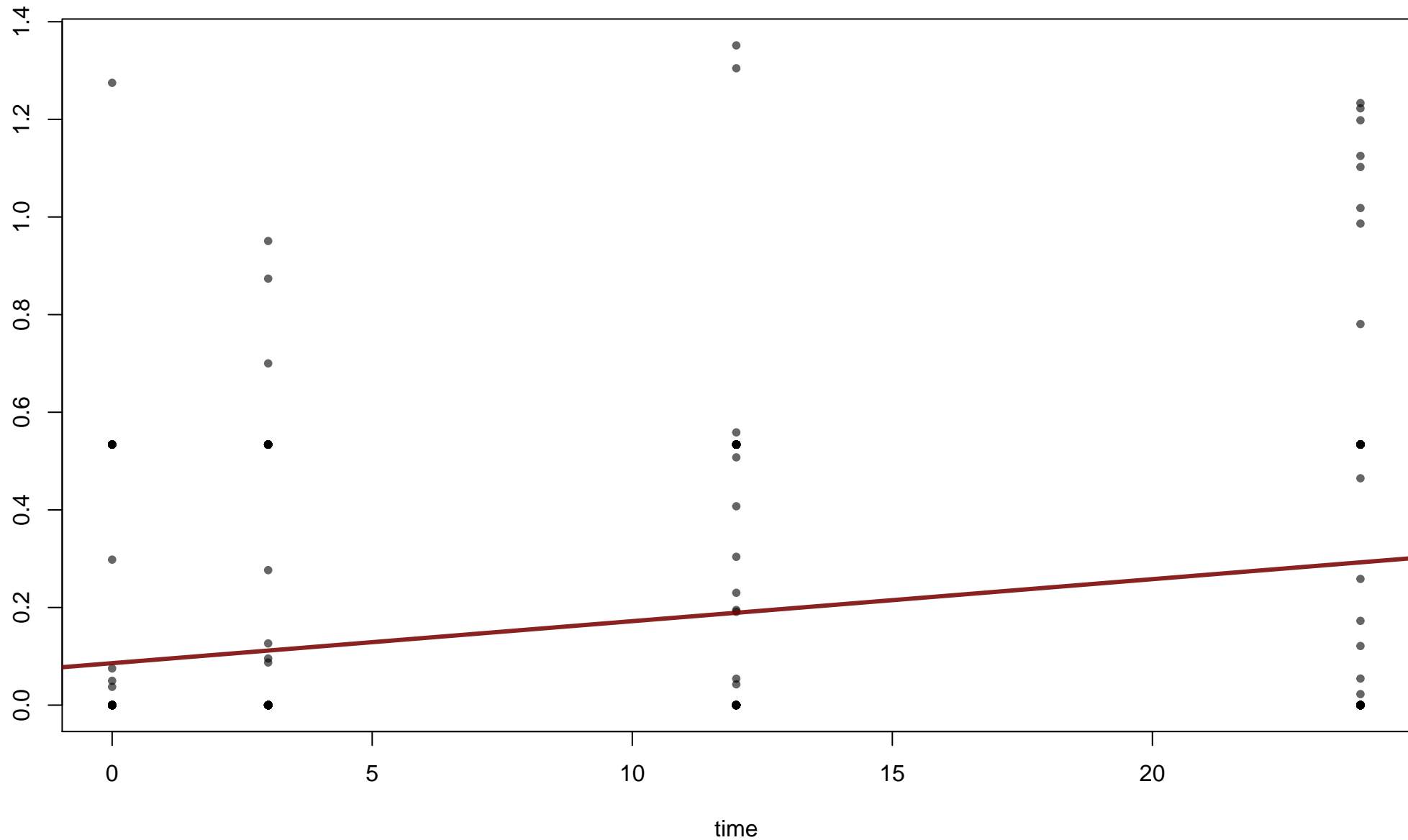


time (0.00921 sd 0.00115, p=2.46e-14, q=5.29e-13)



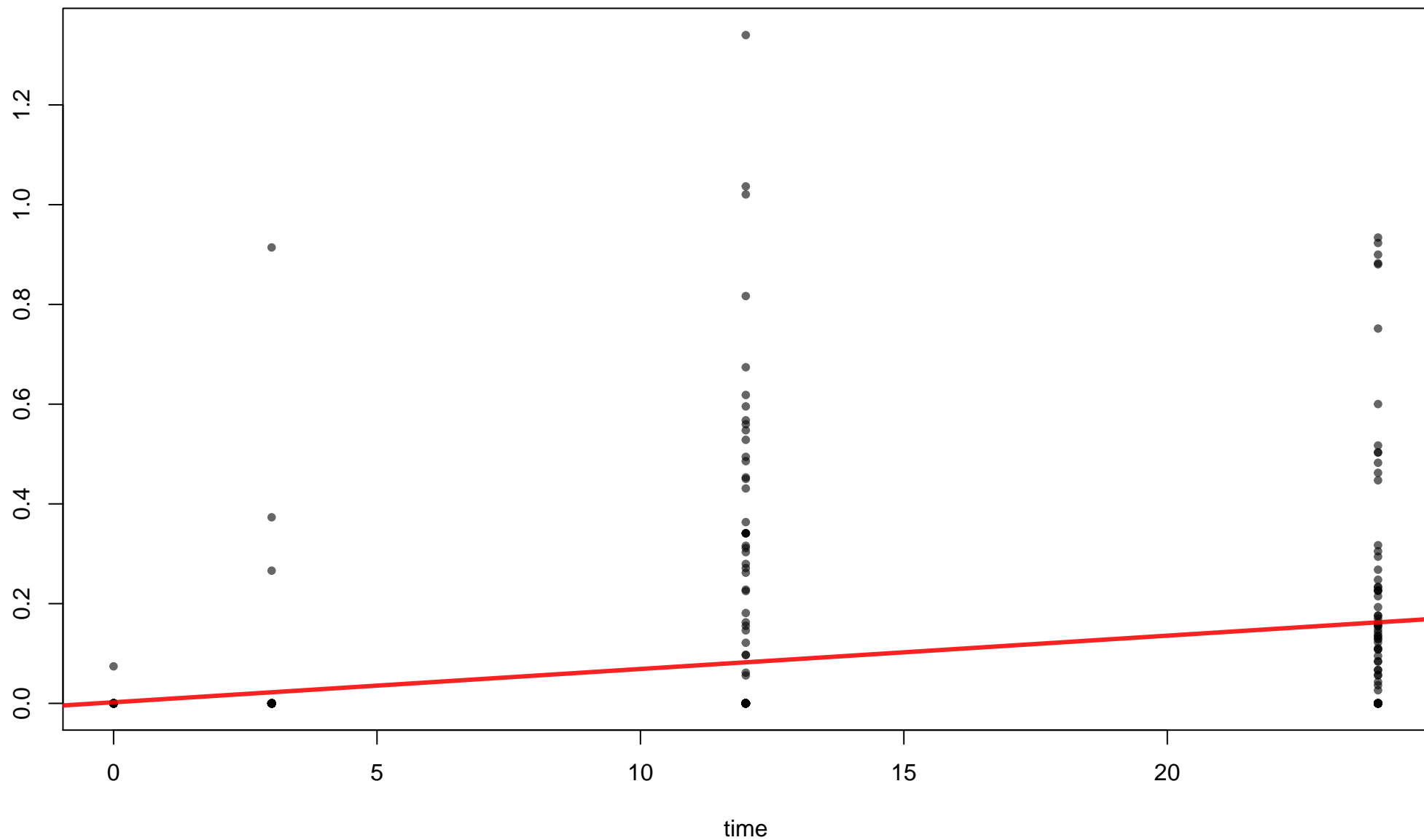
time (0.00921 sd 0.00115, p=2.46e-14, q=5.29e-13)

eriaceae_g_Bifidobacterium_s_Bifidobacterium_pseudocatenulatum_t_GCF_000173435

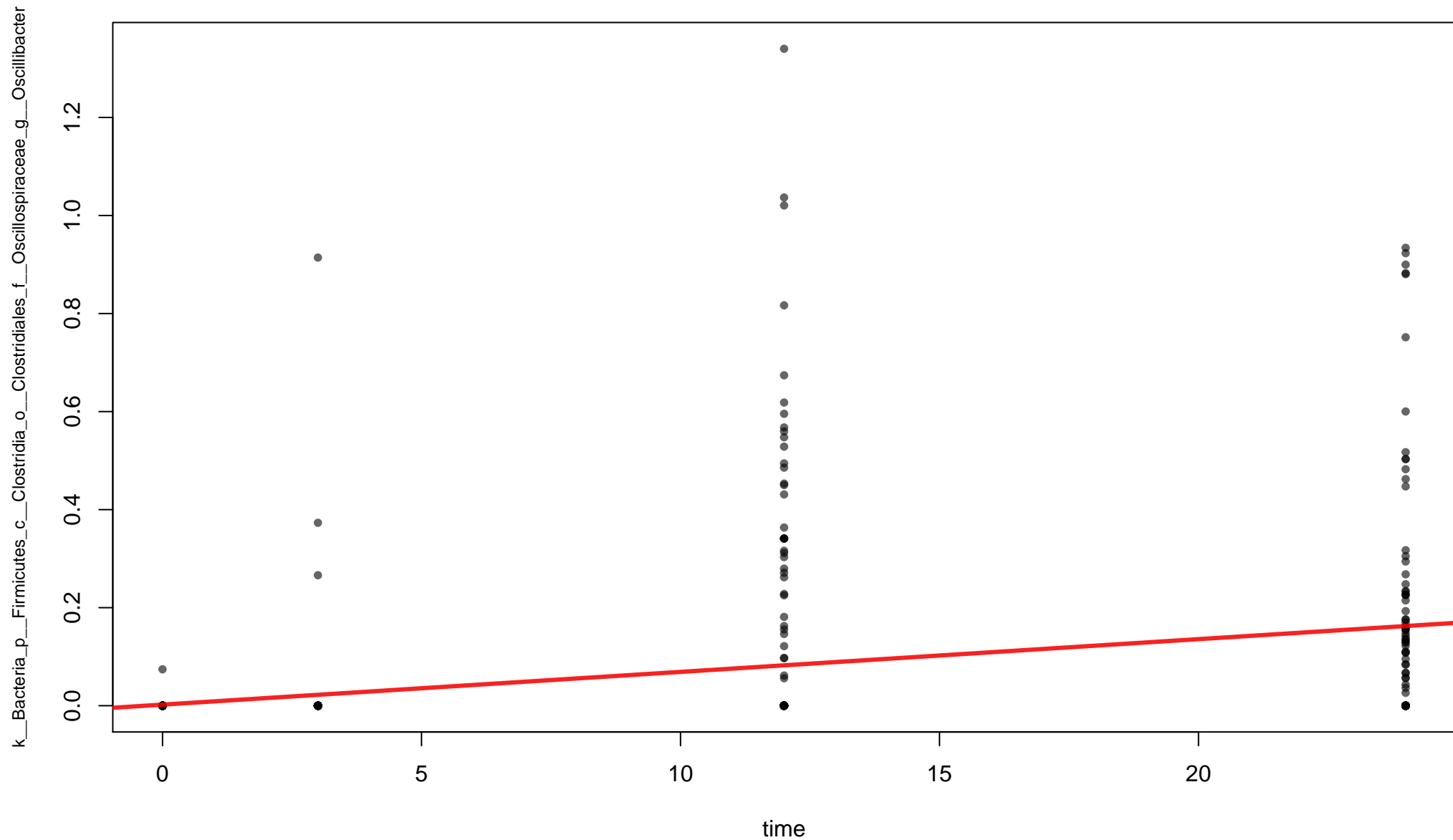


time (0.00664 sd 0.000834, p=2.99e-14, q=6.35e-13)

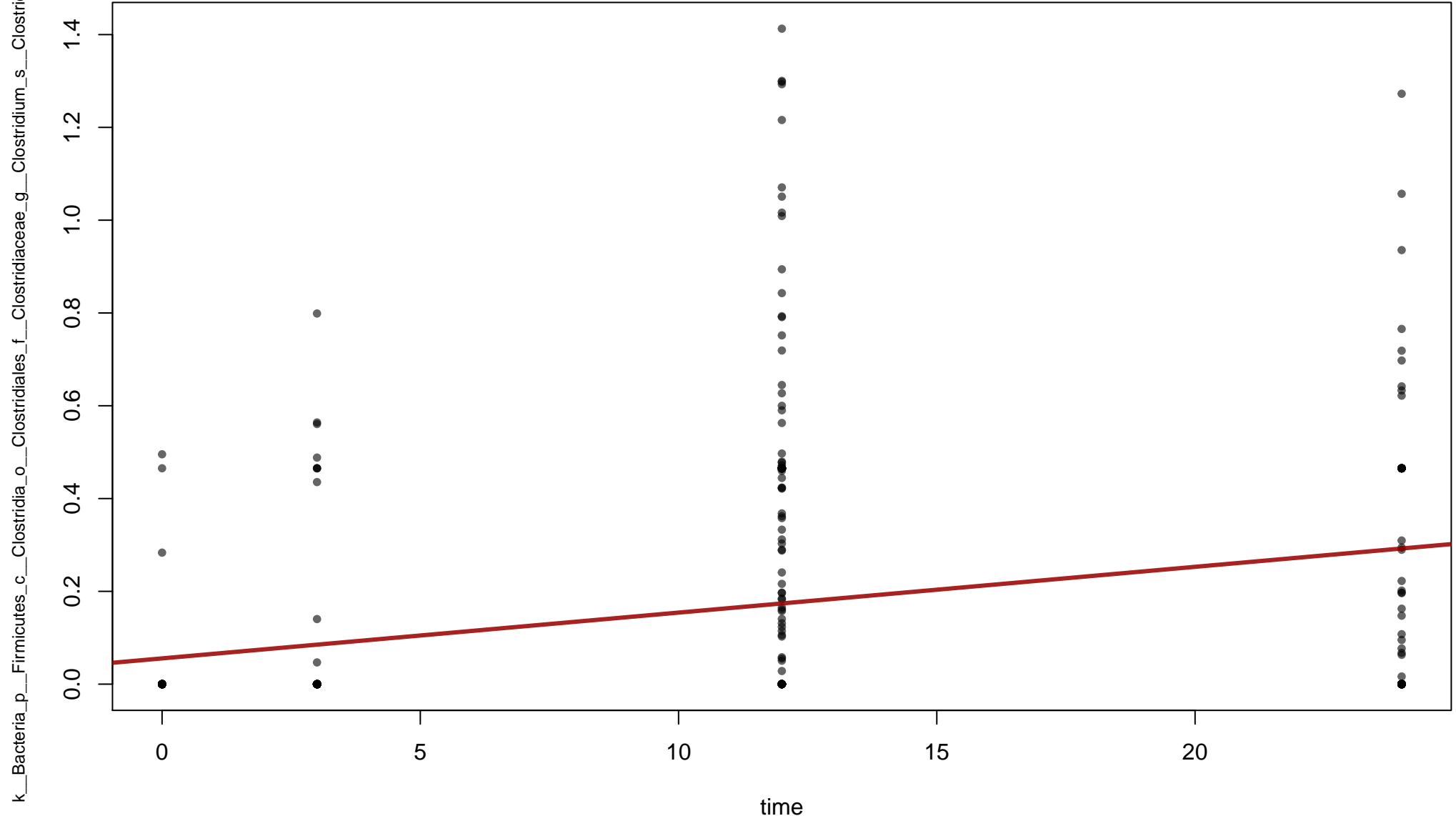
k__Bacteria_p__Firmicutes_c__Clostridia_o__Clostridiales_f__Oscillospiraceae



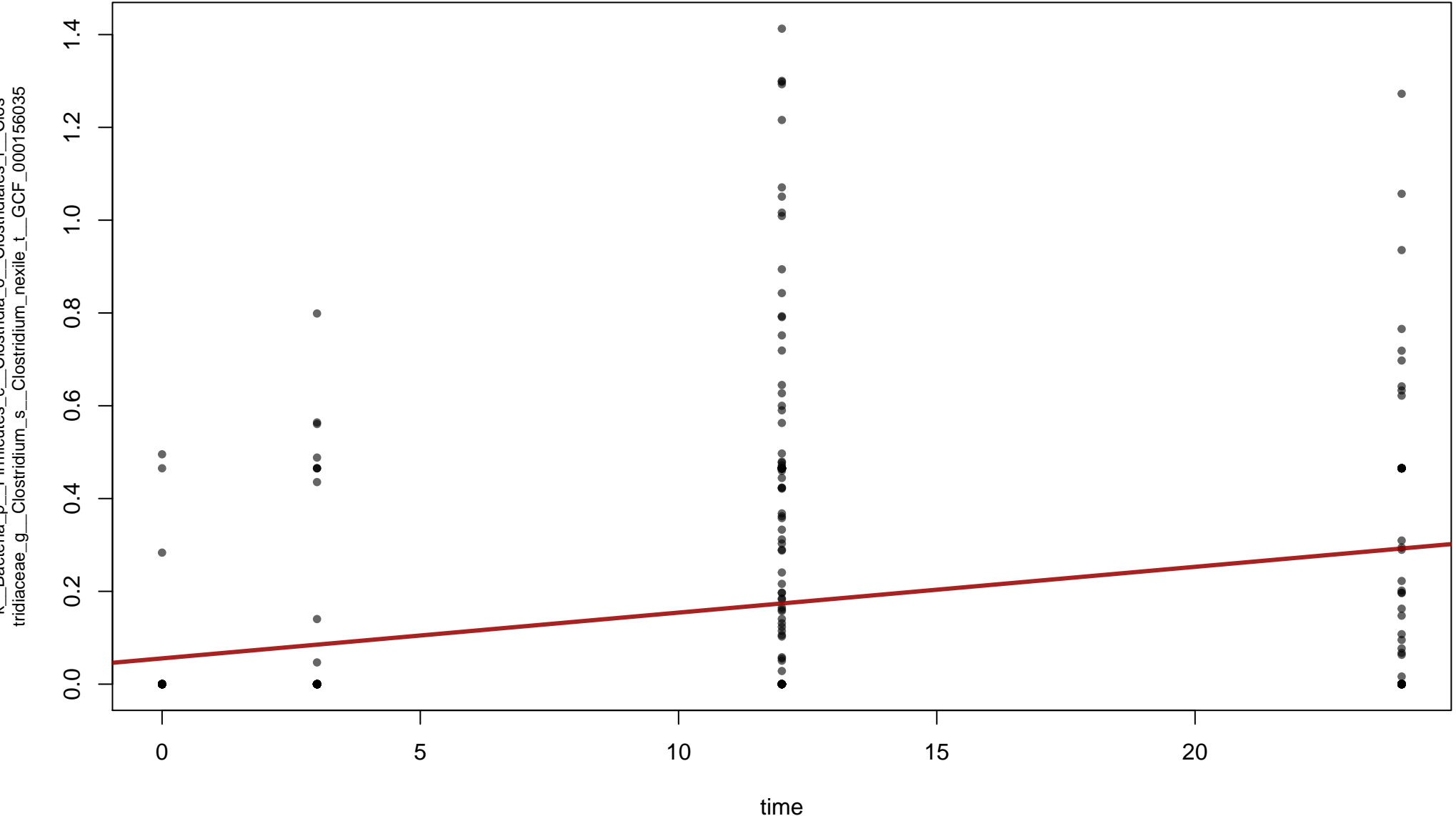
time (0.00664 sd 0.000834, p=2.99e-14, q=6.35e-13)



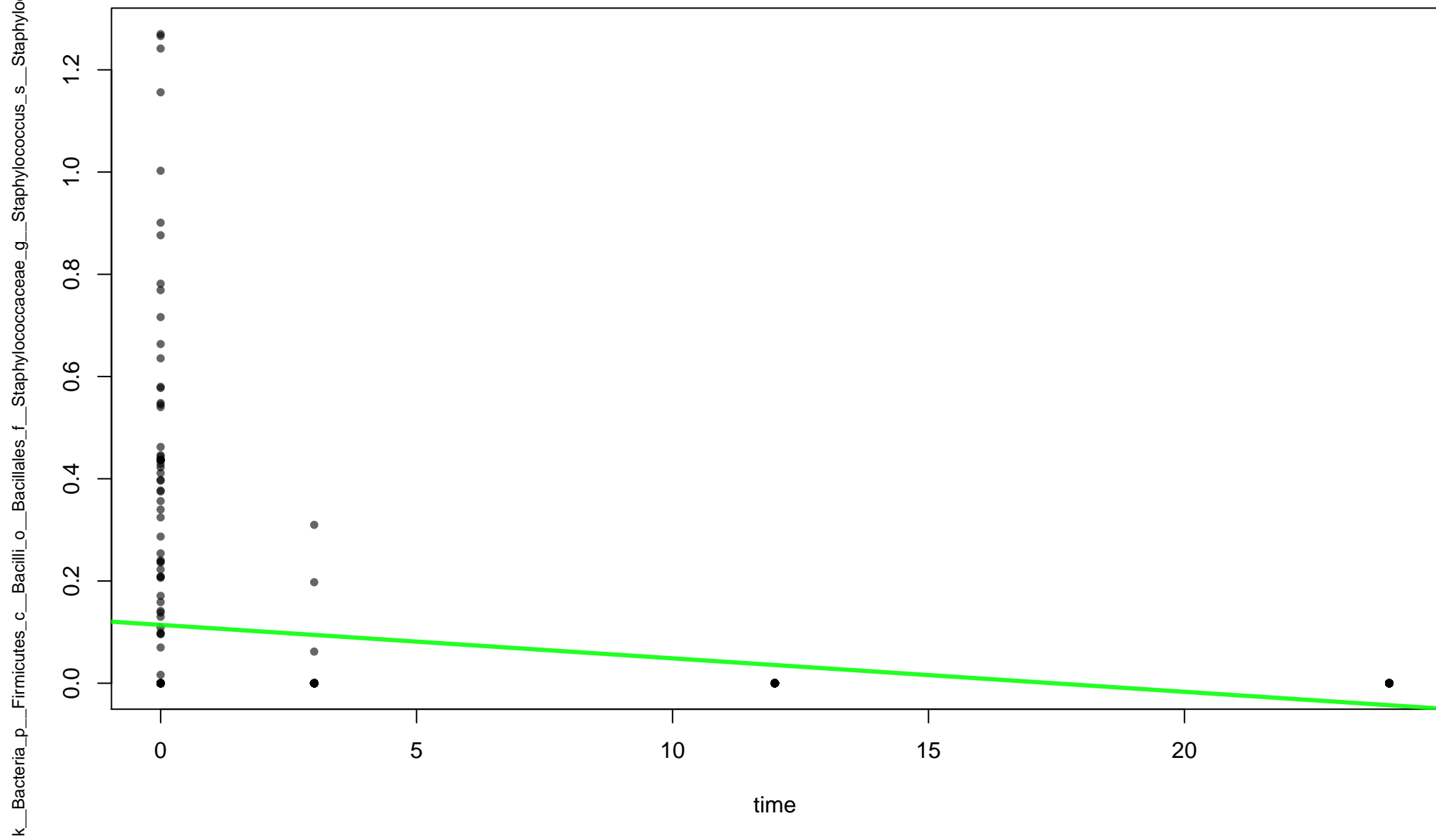
time (0.00983 sd 0.00125, p=6.22e-14, q=1.3e-12)



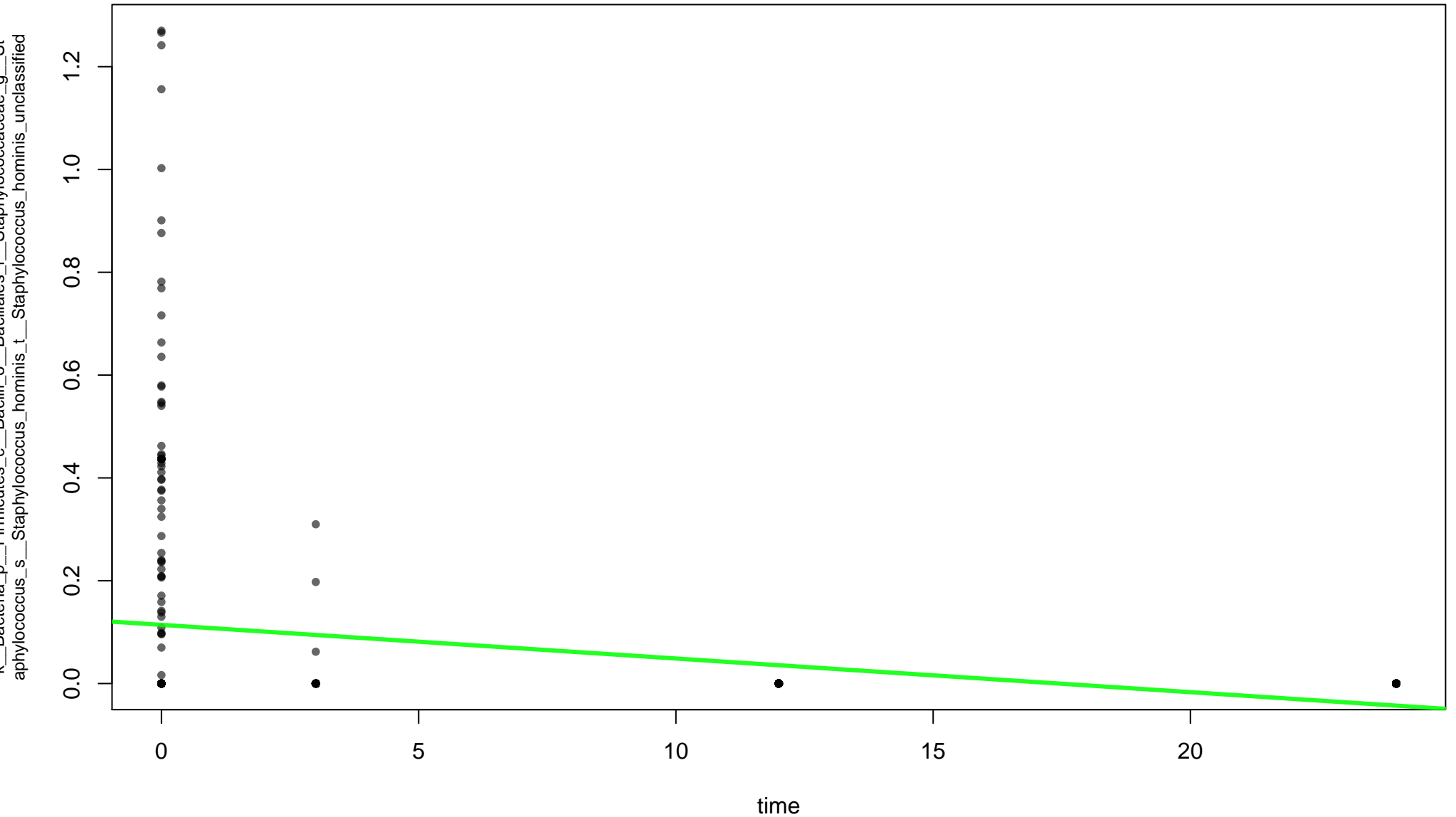
time (0.00983 sd 0.00125, p=6.22e-14, q=1.3e-12)



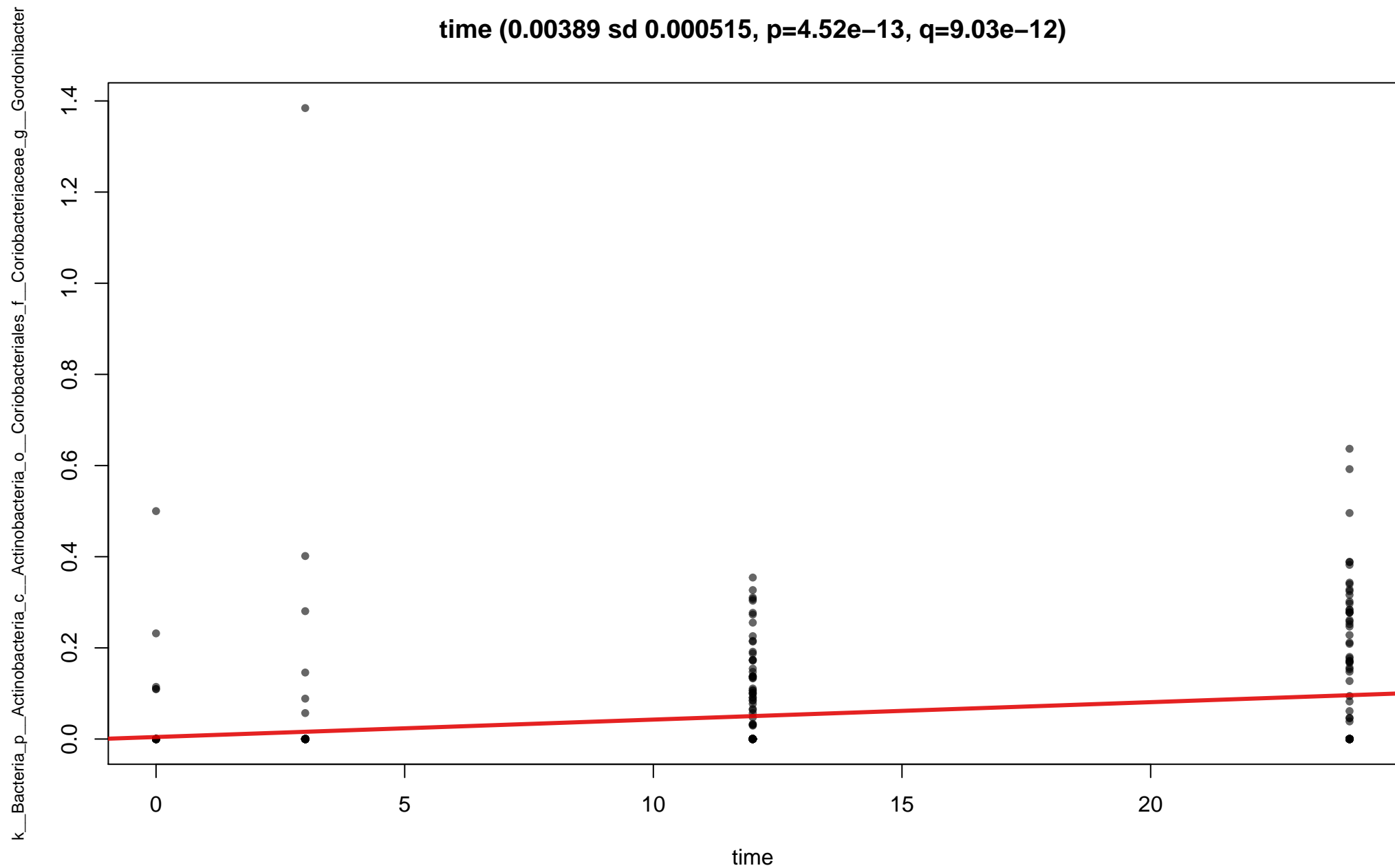
time (-0.00654 sd 0.000861 , $p=3.32e-13$, $q=6.85e-12$)



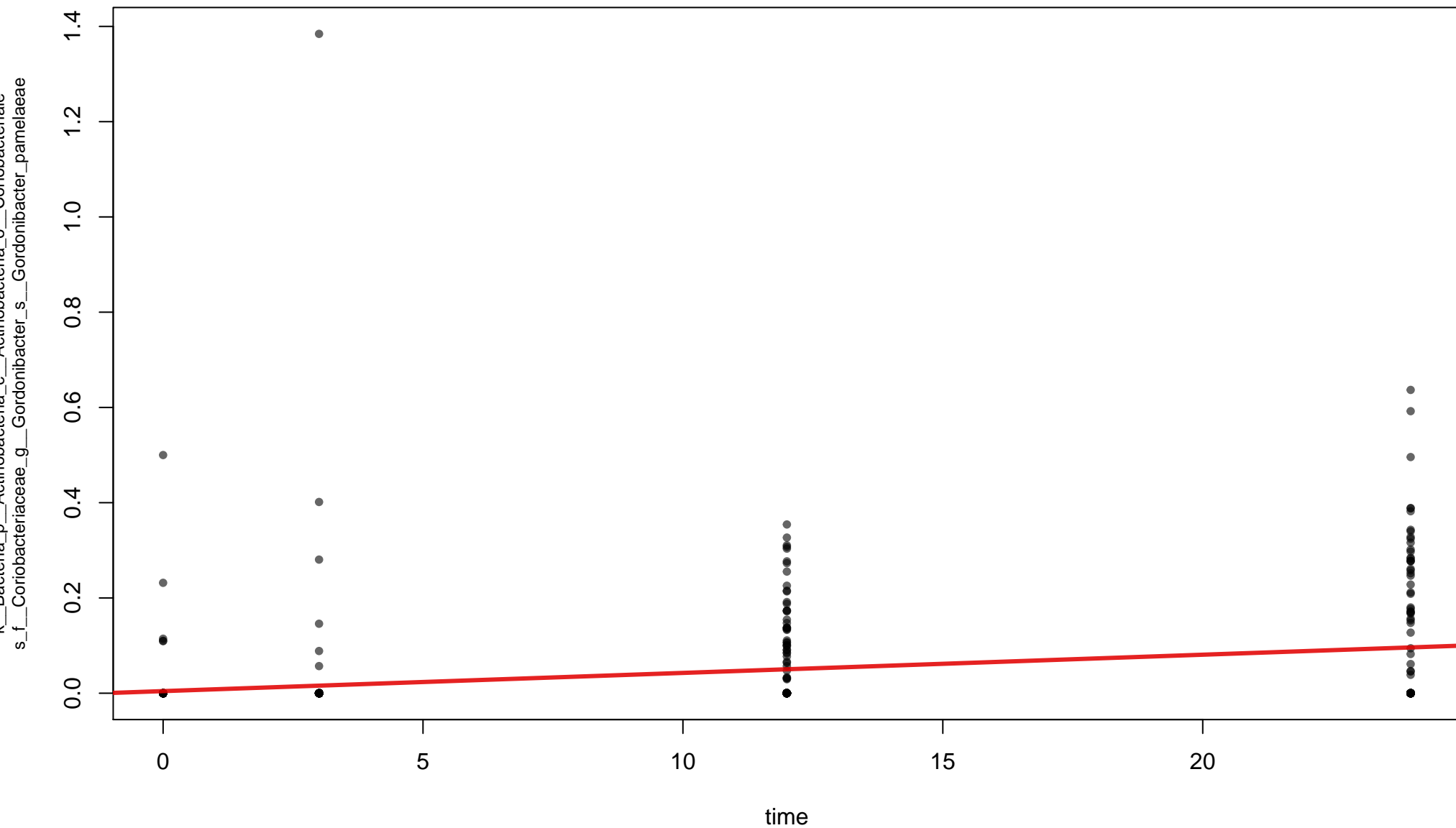
time (−0.00654 sd 0.000861, p=3.32e−13, q=6.85e−12)



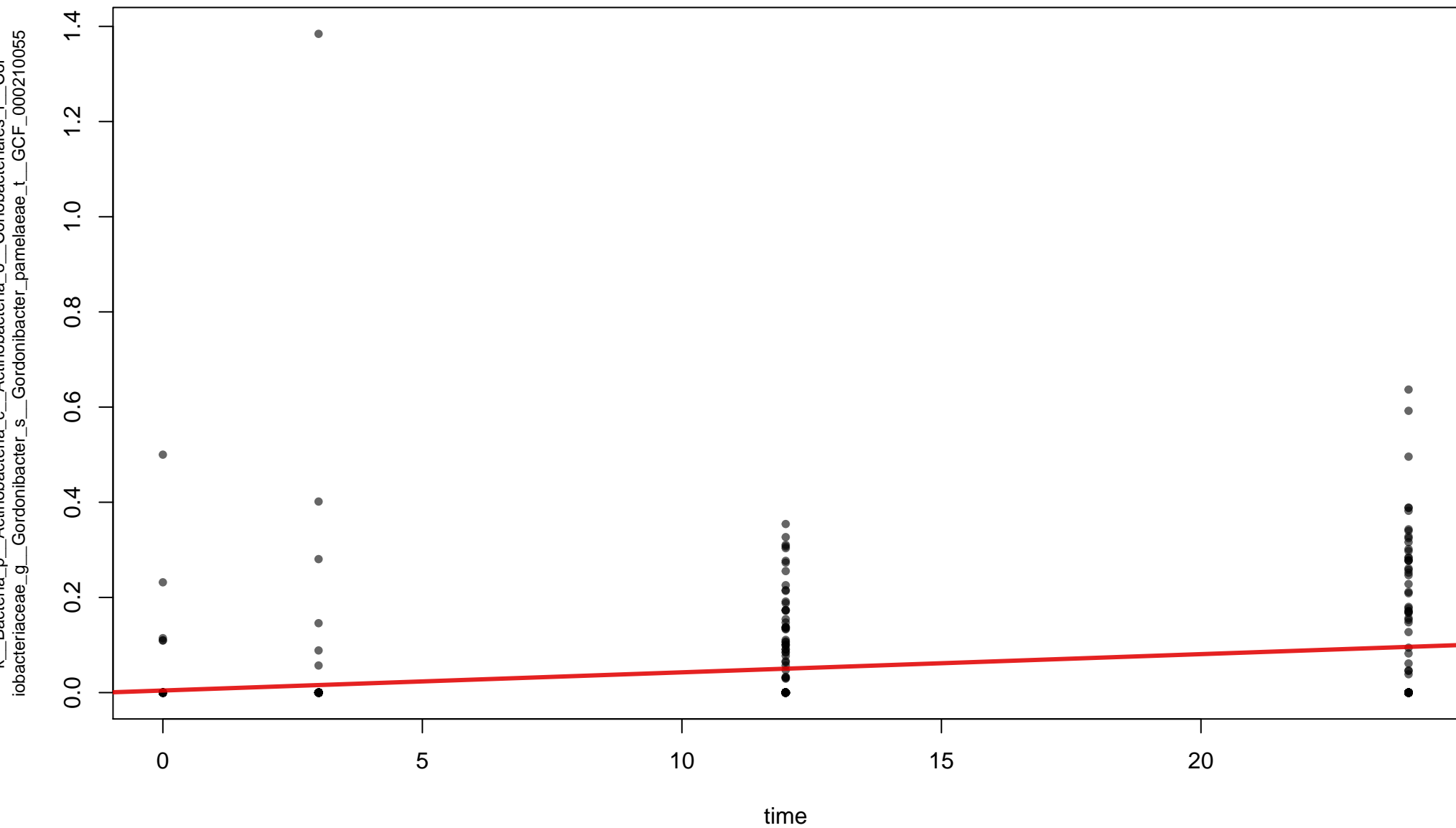
time (0.00389 sd 0.000515, p=4.52e-13, q=9.03e-12)



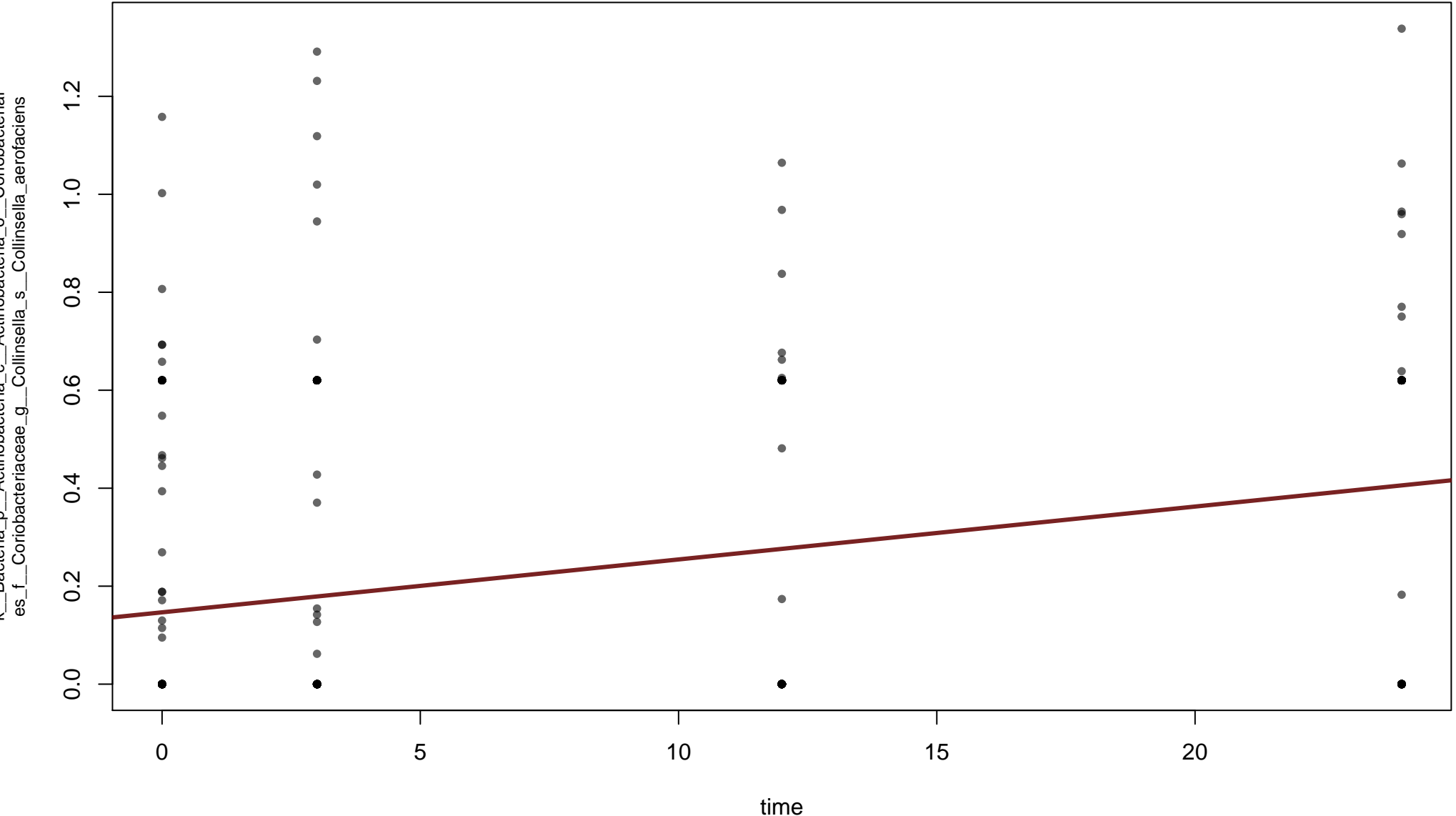
time (0.00389 sd 0.000515, p=4.52e-13, q=9.03e-12)



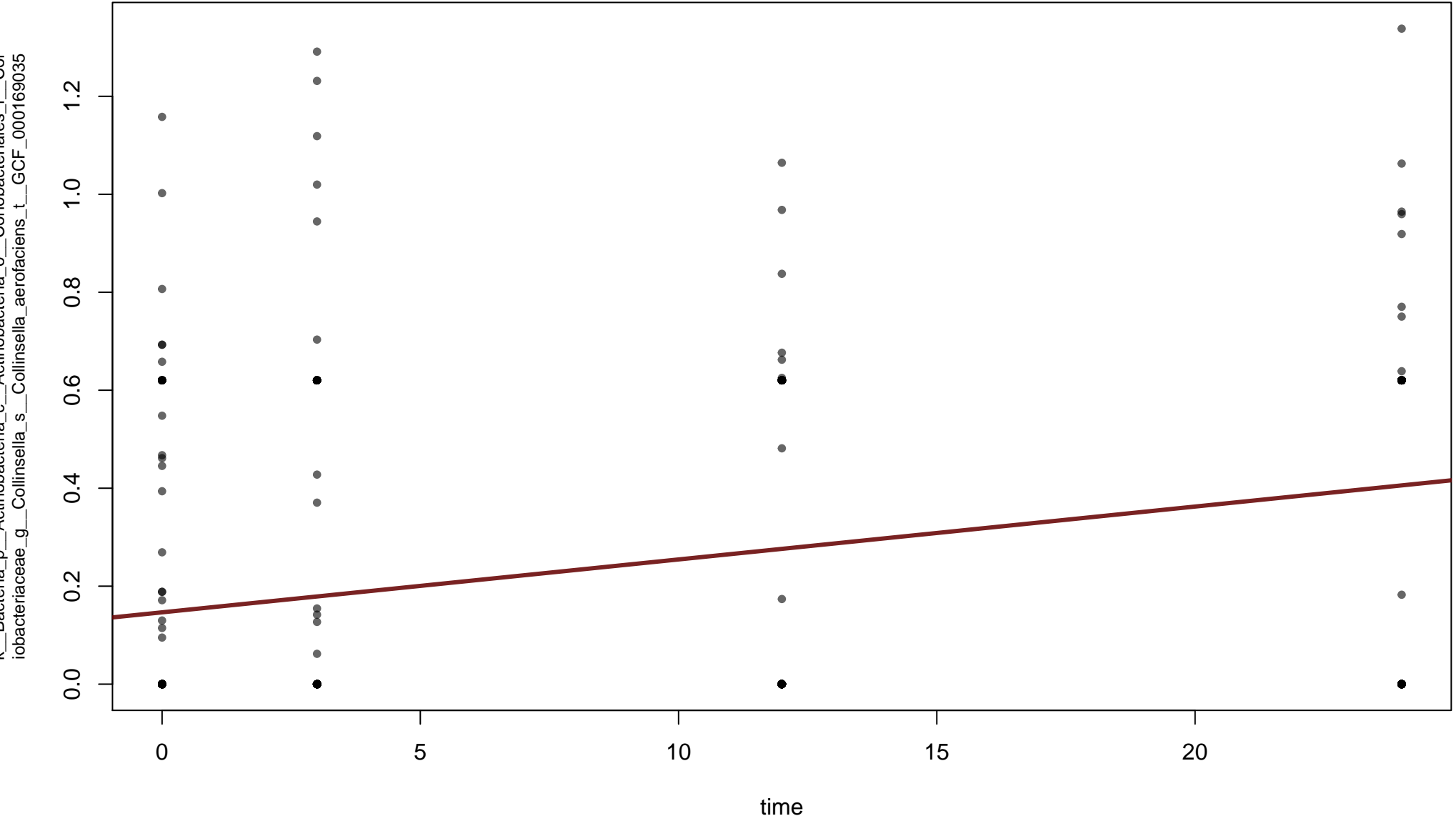
time (0.00389 sd 0.000515, p=4.52e-13, q=9.03e-12)



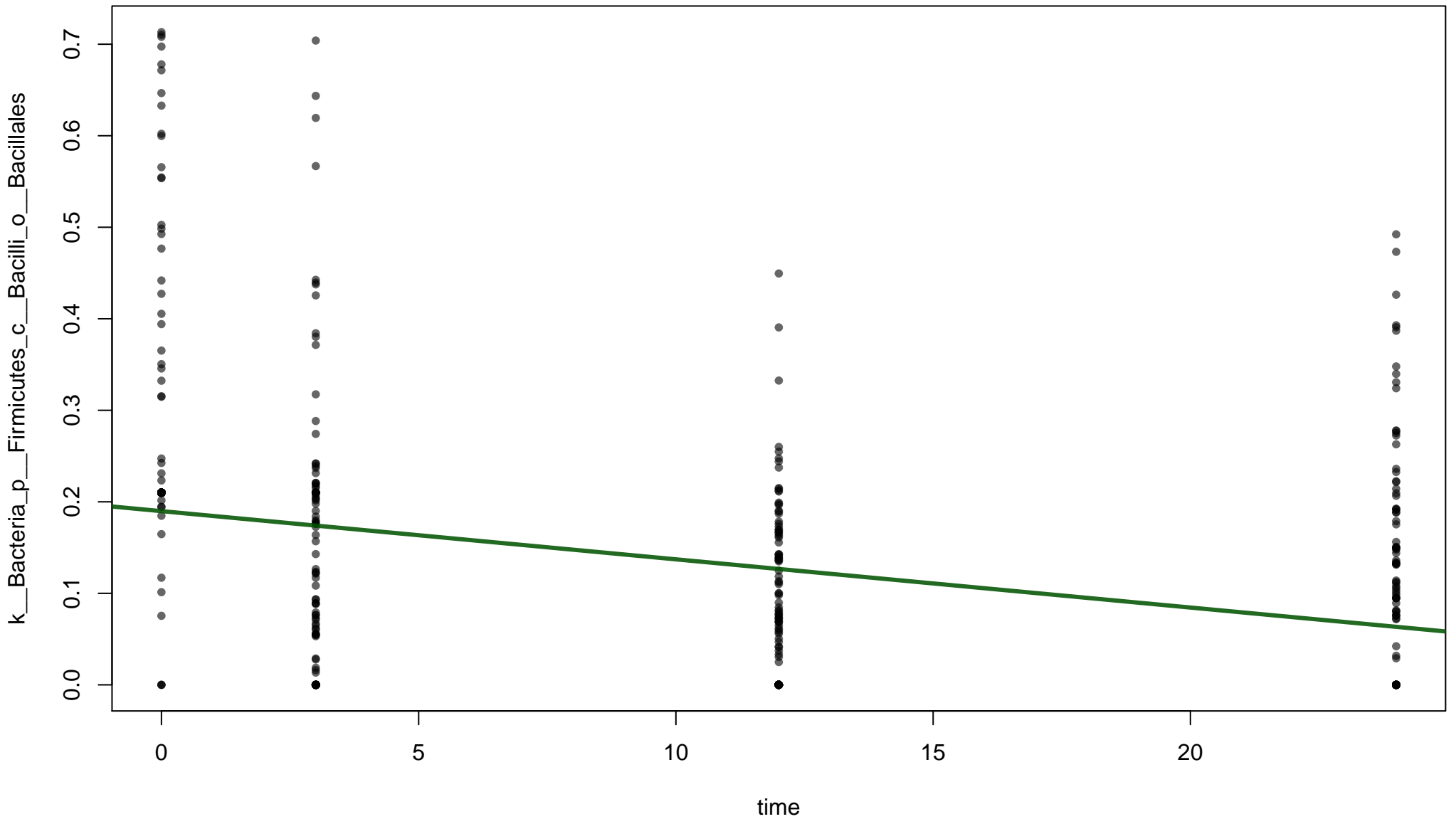
time (0.0101 sd 0.00134, p=5.11e-13, q=1.01e-11)



time (0.0101 sd 0.00134, p=5.11e-13, q=1.01e-11)

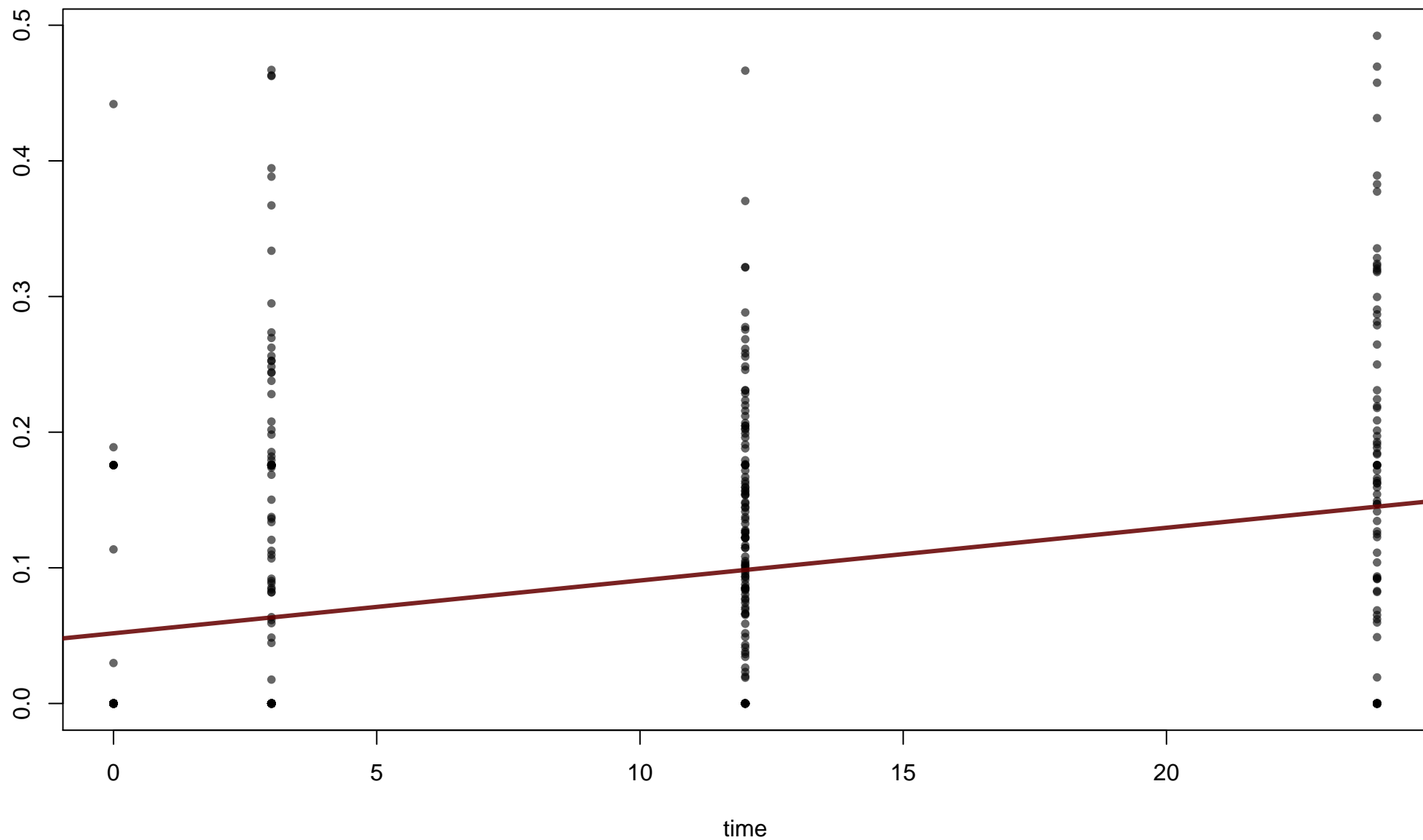


time (-0.00531 sd 0.000714 , $p=9.73e-13$, $q=1.91e-11$)



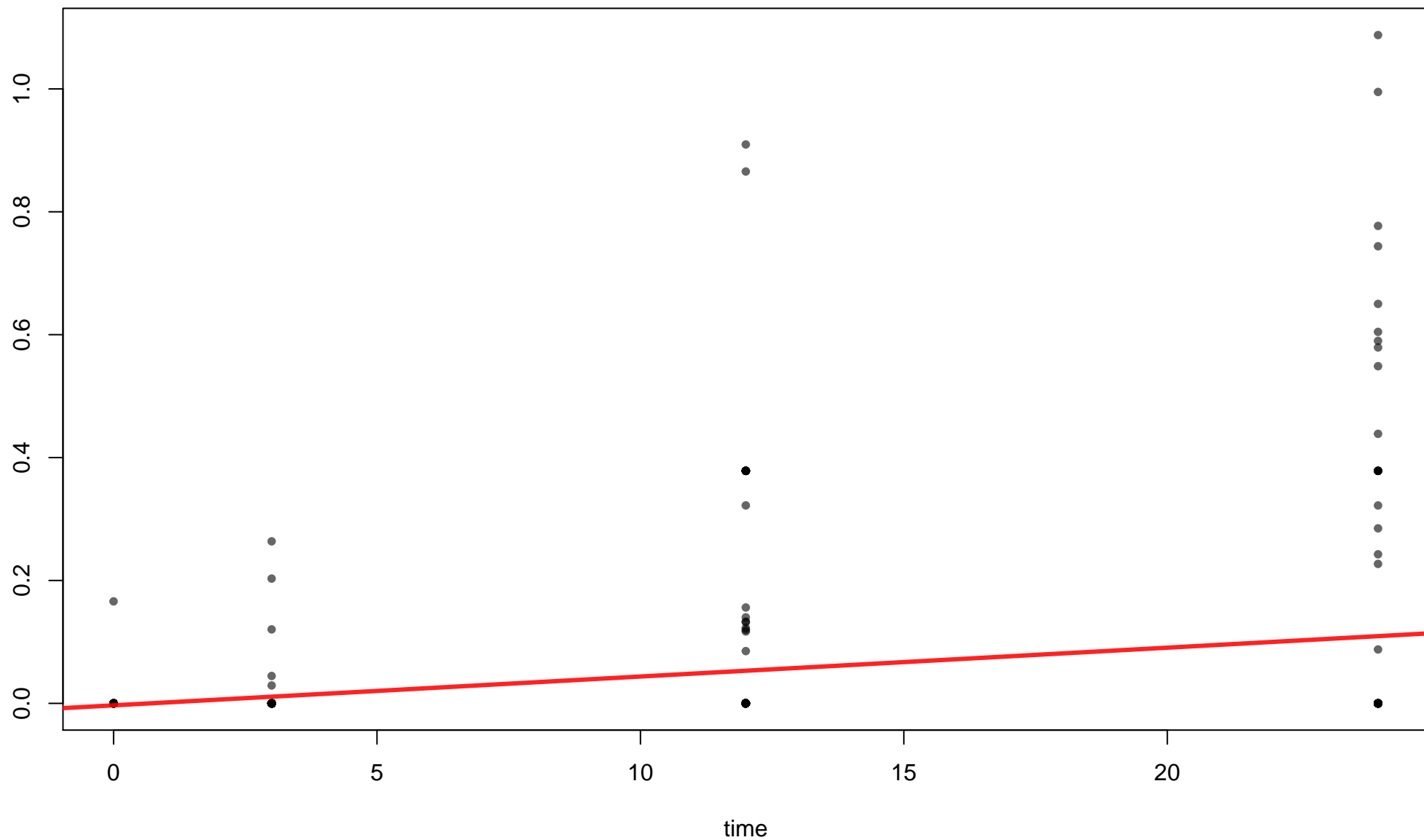
time (0.00388 sd 0.000528, p=1.76e-12, q=3.39e-11)

k_Bacteria_p_Actinobacteria_c_Actinobacteria_o_Actinomycetales_f_Actinomycetaceae_g_Actinomyces



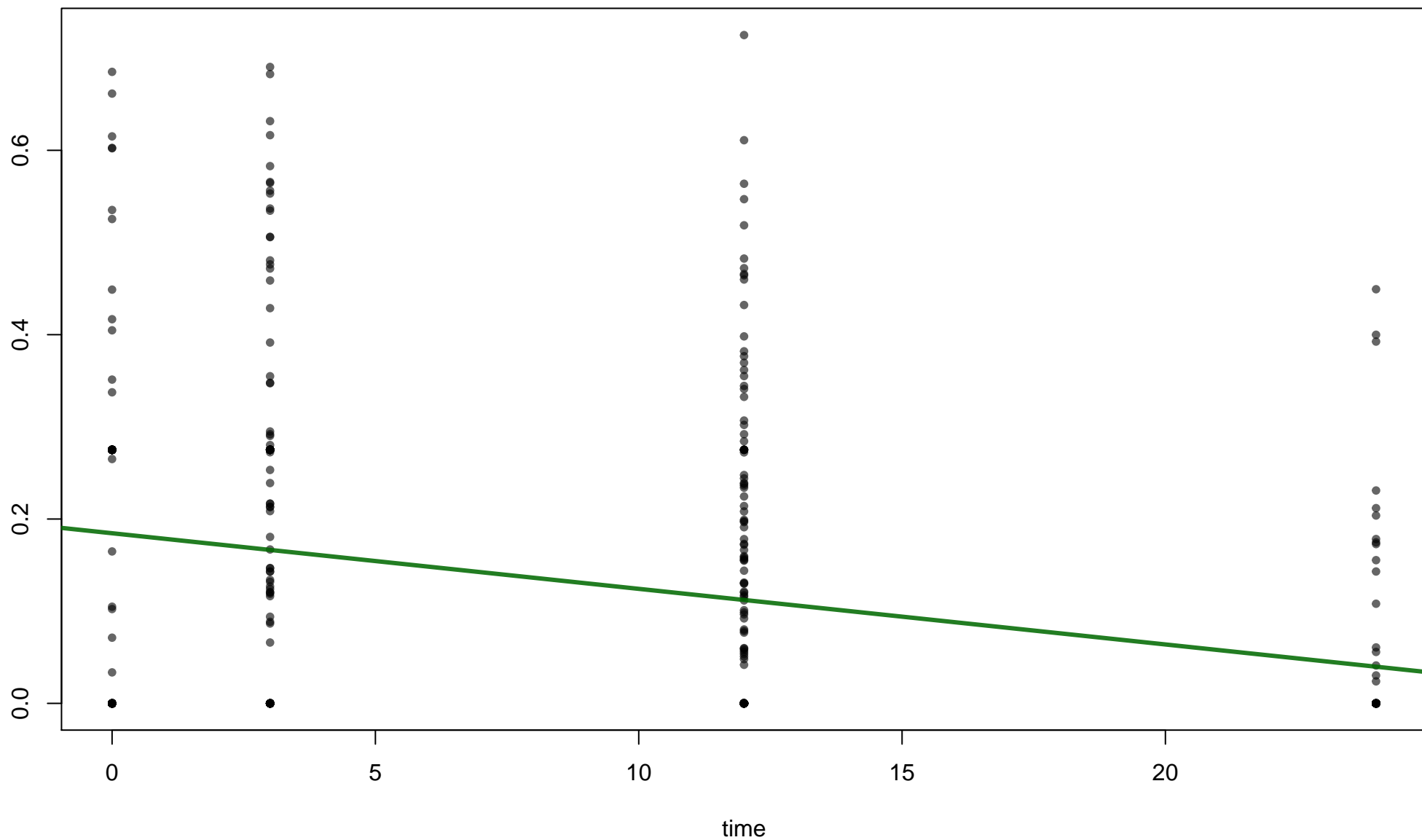
time (0.00464 sd 0.000633, p=1.87e-12, q=3.57e-11)

k_Bacteria_p__Bacteroidetes_c__Bacteroidia_o__Bacteroidales_f__Prevotellaceae

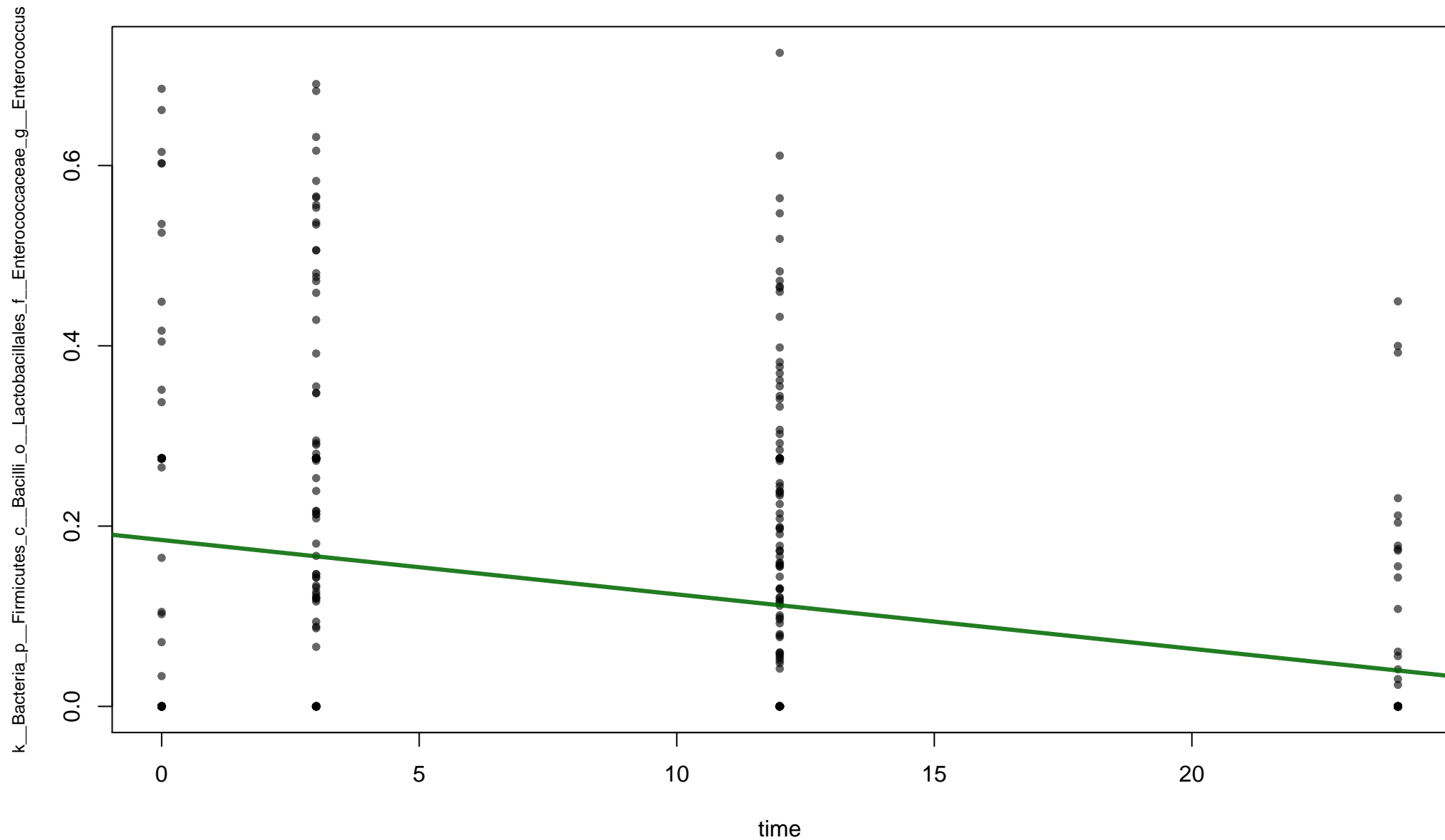


time (-0.00601 sd 0.000819 , $p=1.9e-12$, $q=3.59e-11$)

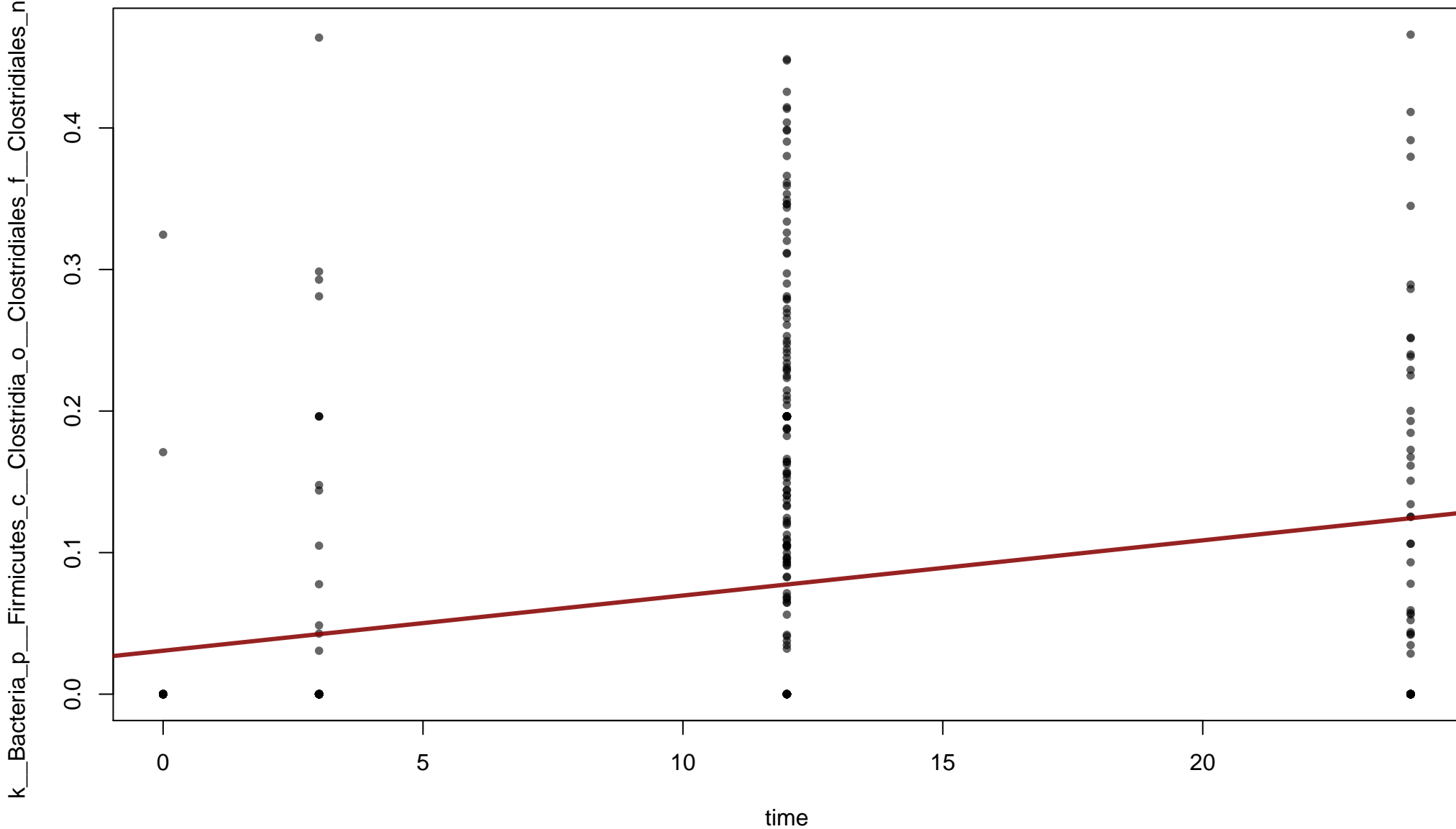
k__Bacteria_p__Firmicutes_c__Bacilli_o__Lactobacillales_f__Enterococcaceae



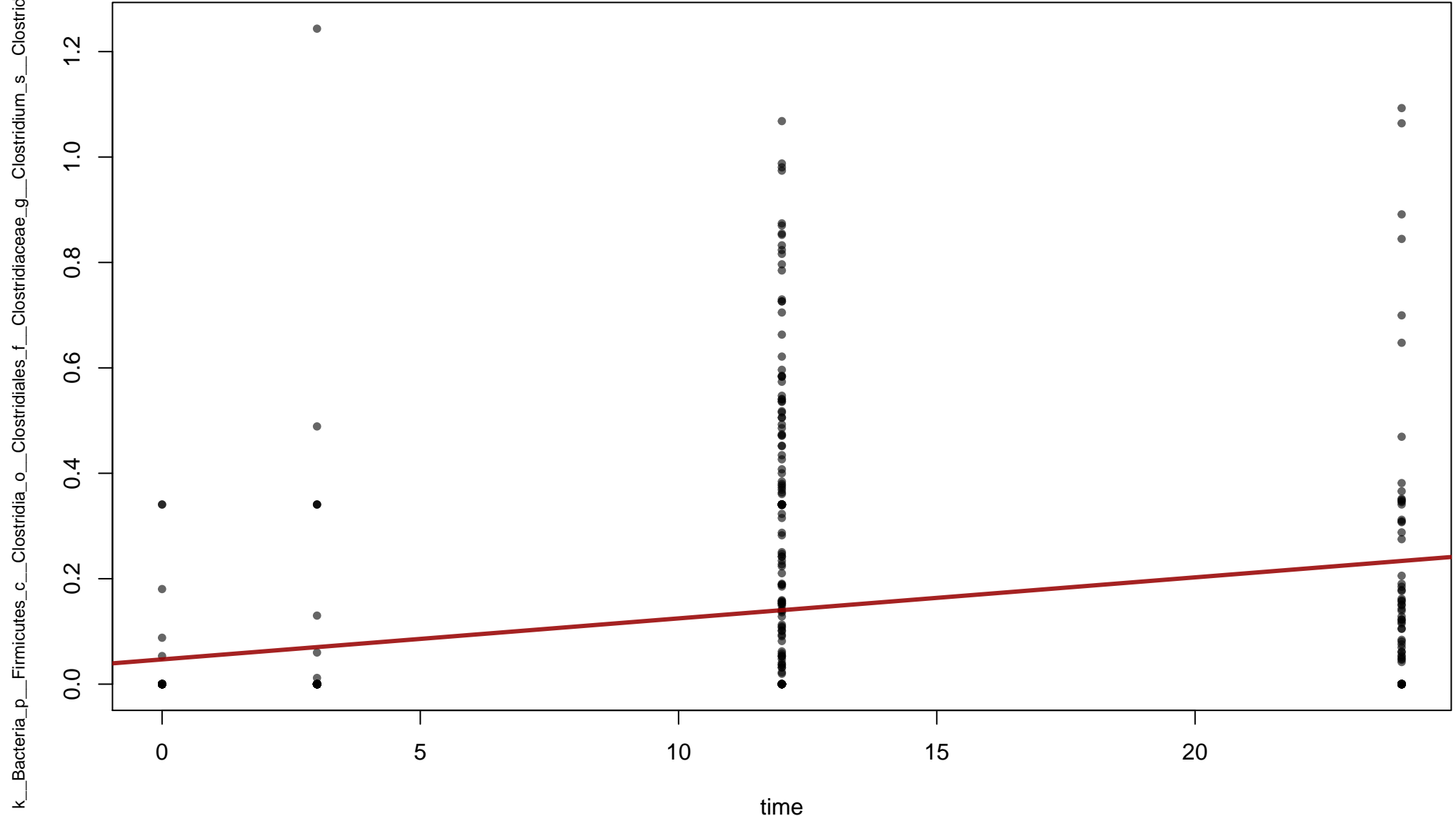
time (-0.00601 sd 0.000819 , $p=1.9e-12$, $q=3.59e-11$)



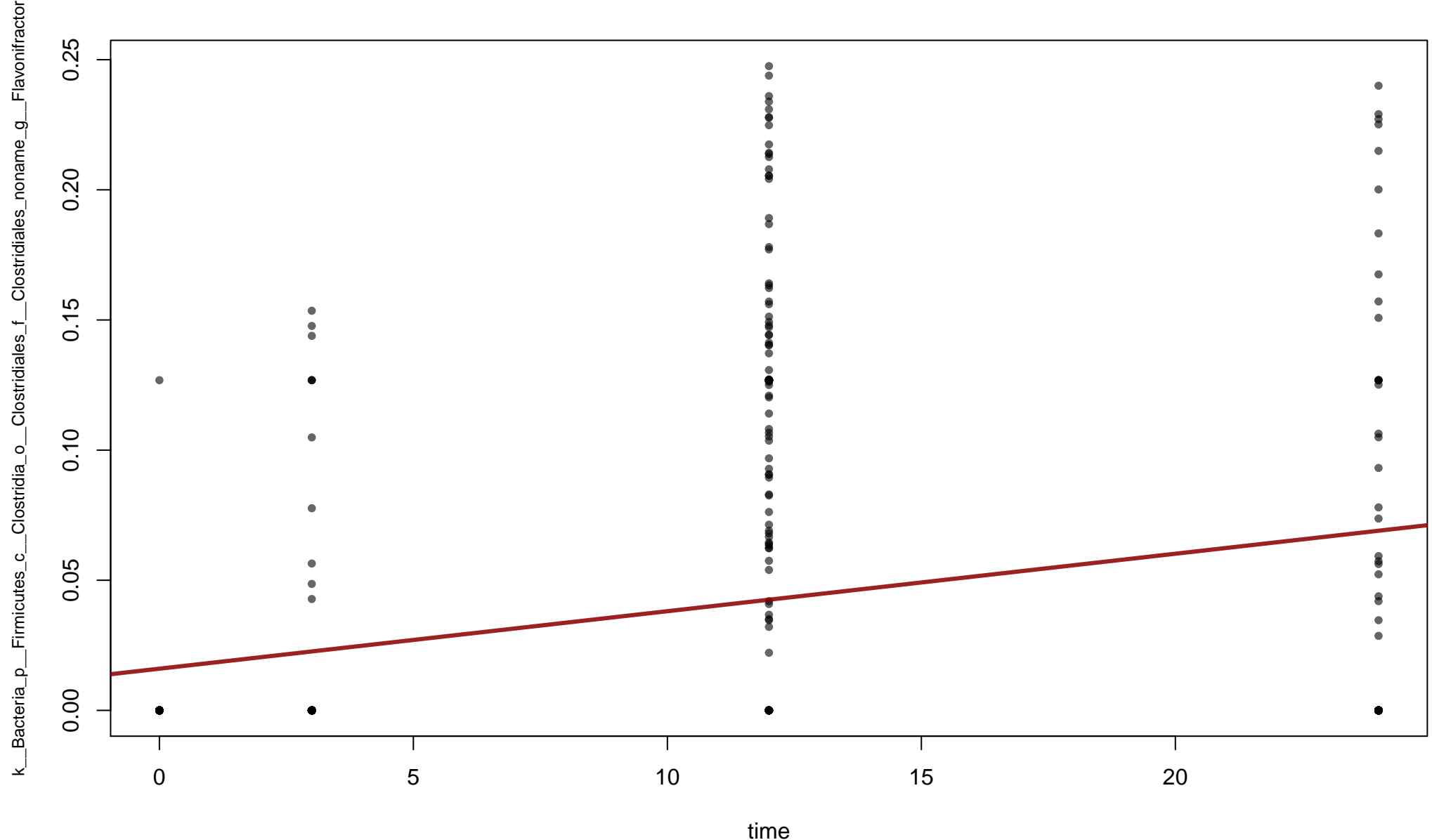
time (0.0039 sd 0.000539, p=3.48e-12, q=6.53e-11)



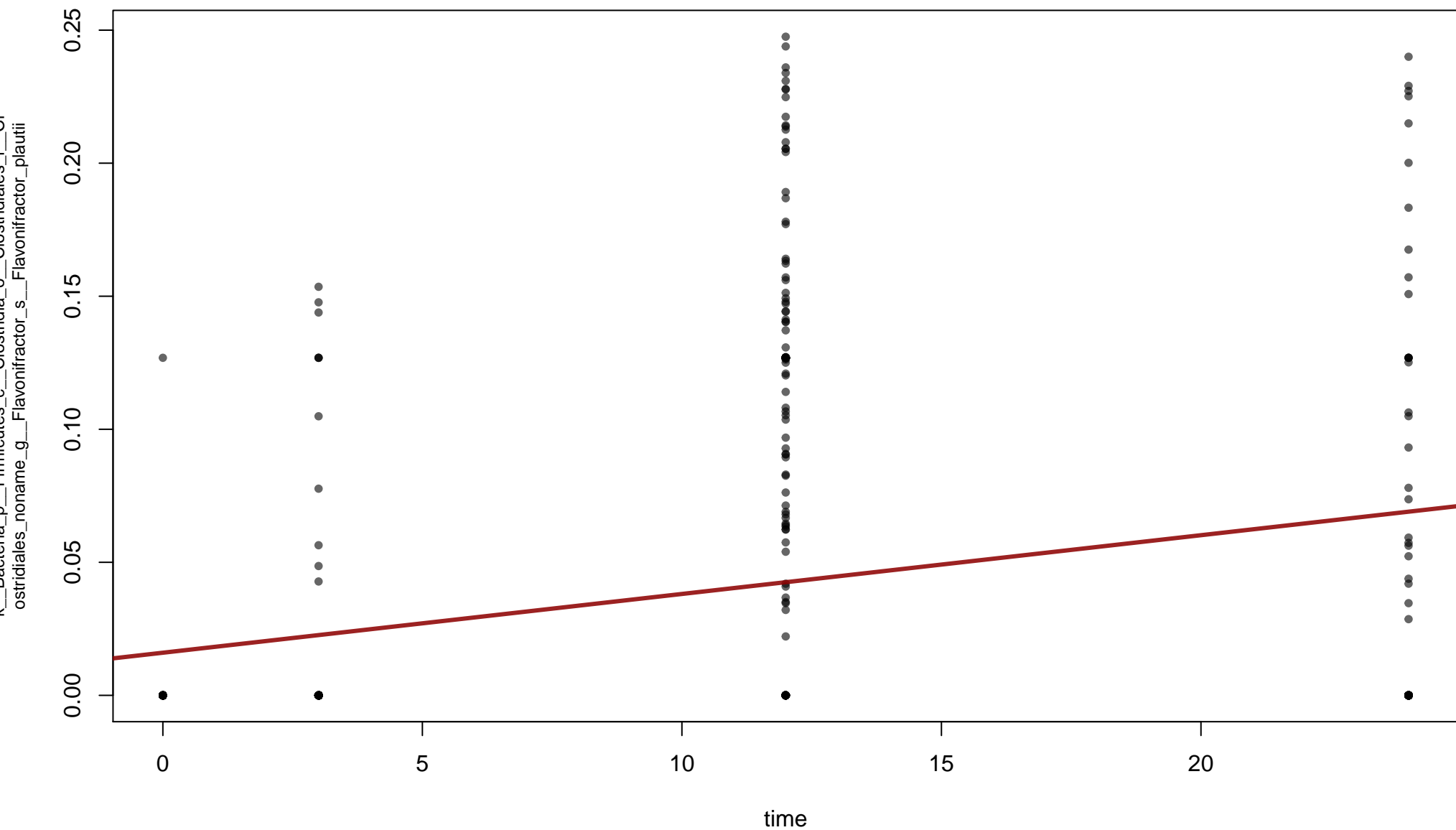
time (0.00782 sd 0.00108, p=3.6e-12, q=6.72e-11)



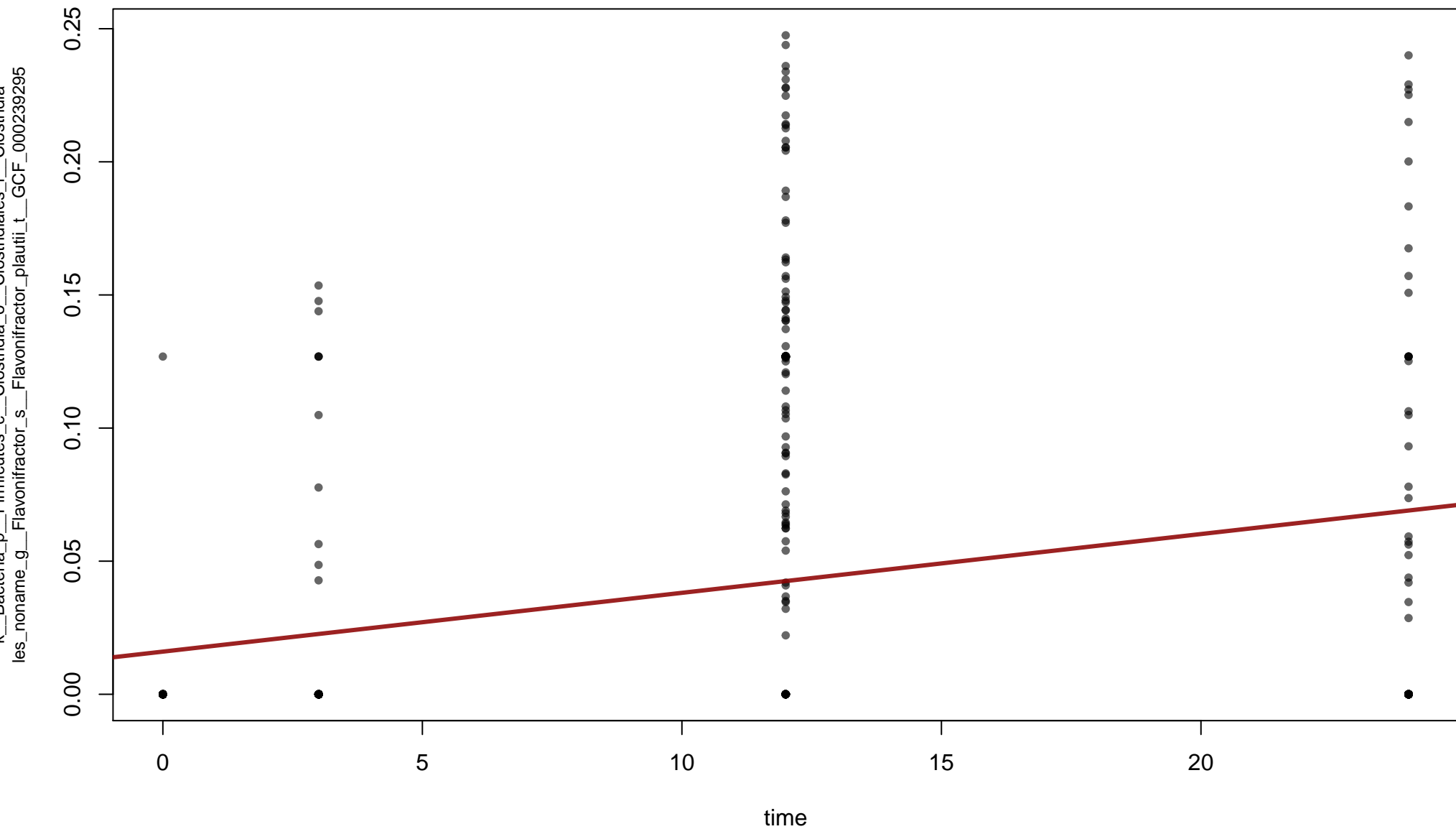
time (0.00221 sd 0.00031, p=6.8e-12, q=1.25e-10)



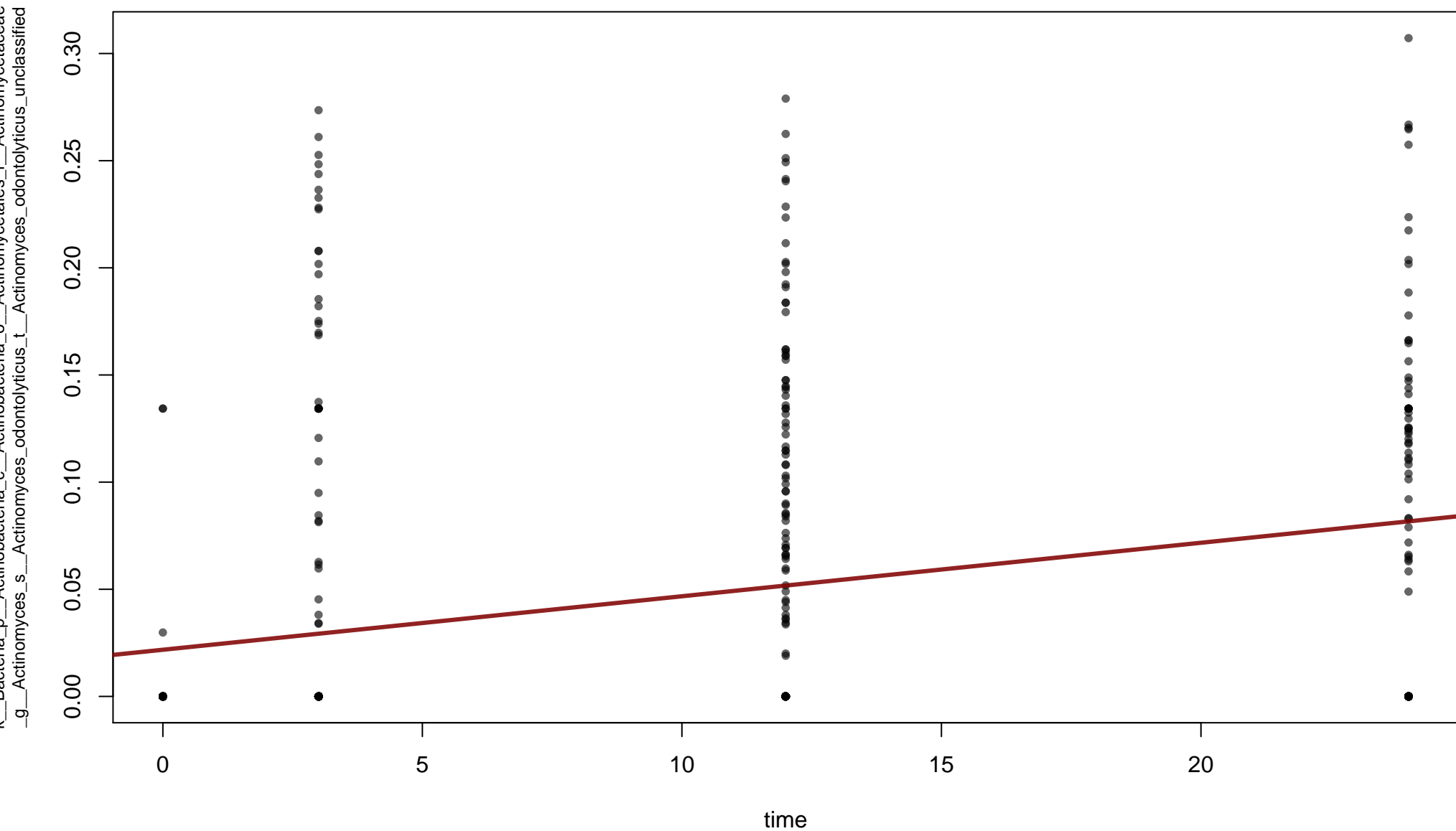
time (0.00221 sd 0.00031, p=6.8e-12, q=1.25e-10)



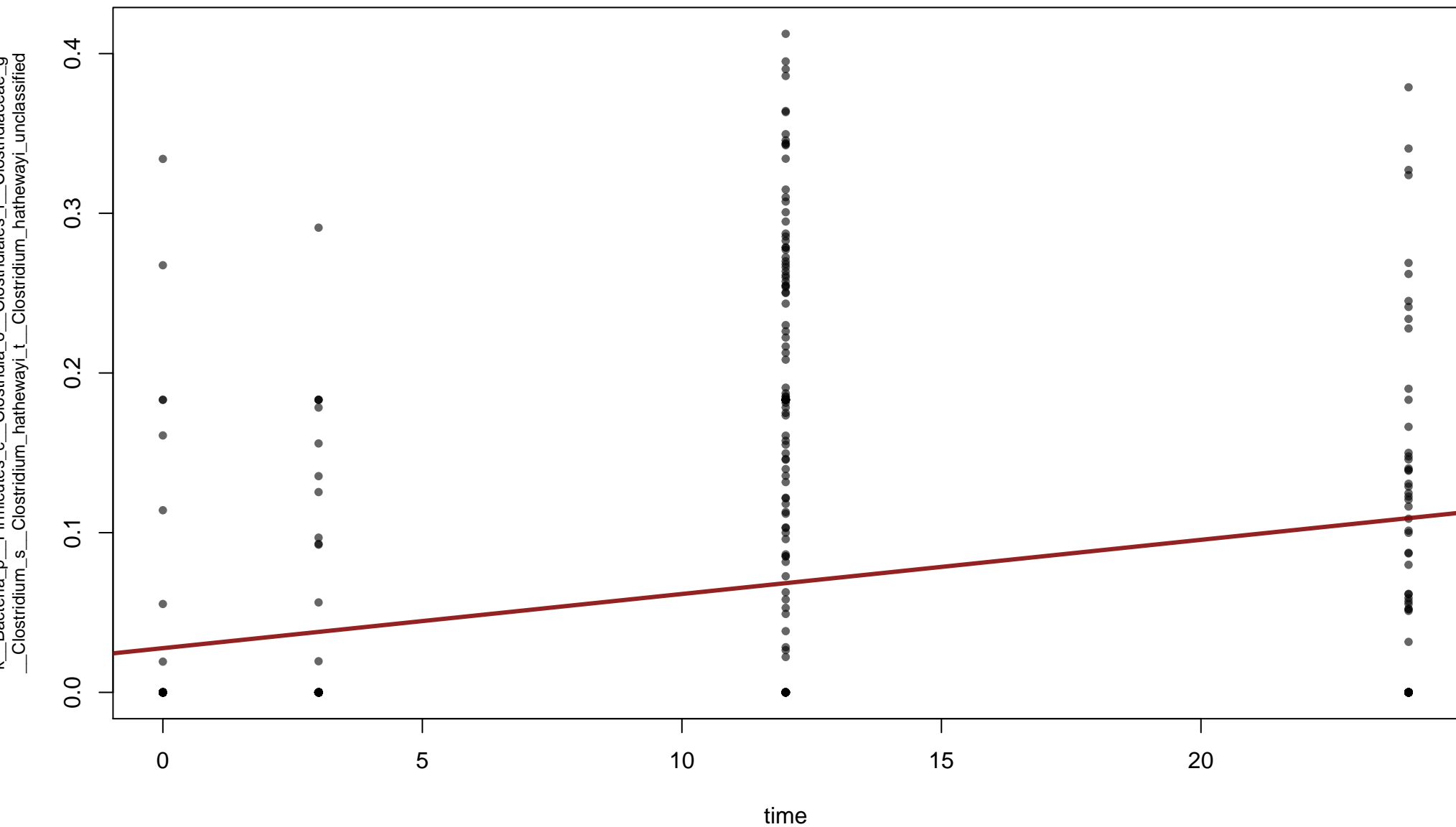
time (0.00221 sd 0.00031, p=6.8e-12, q=1.25e-10)



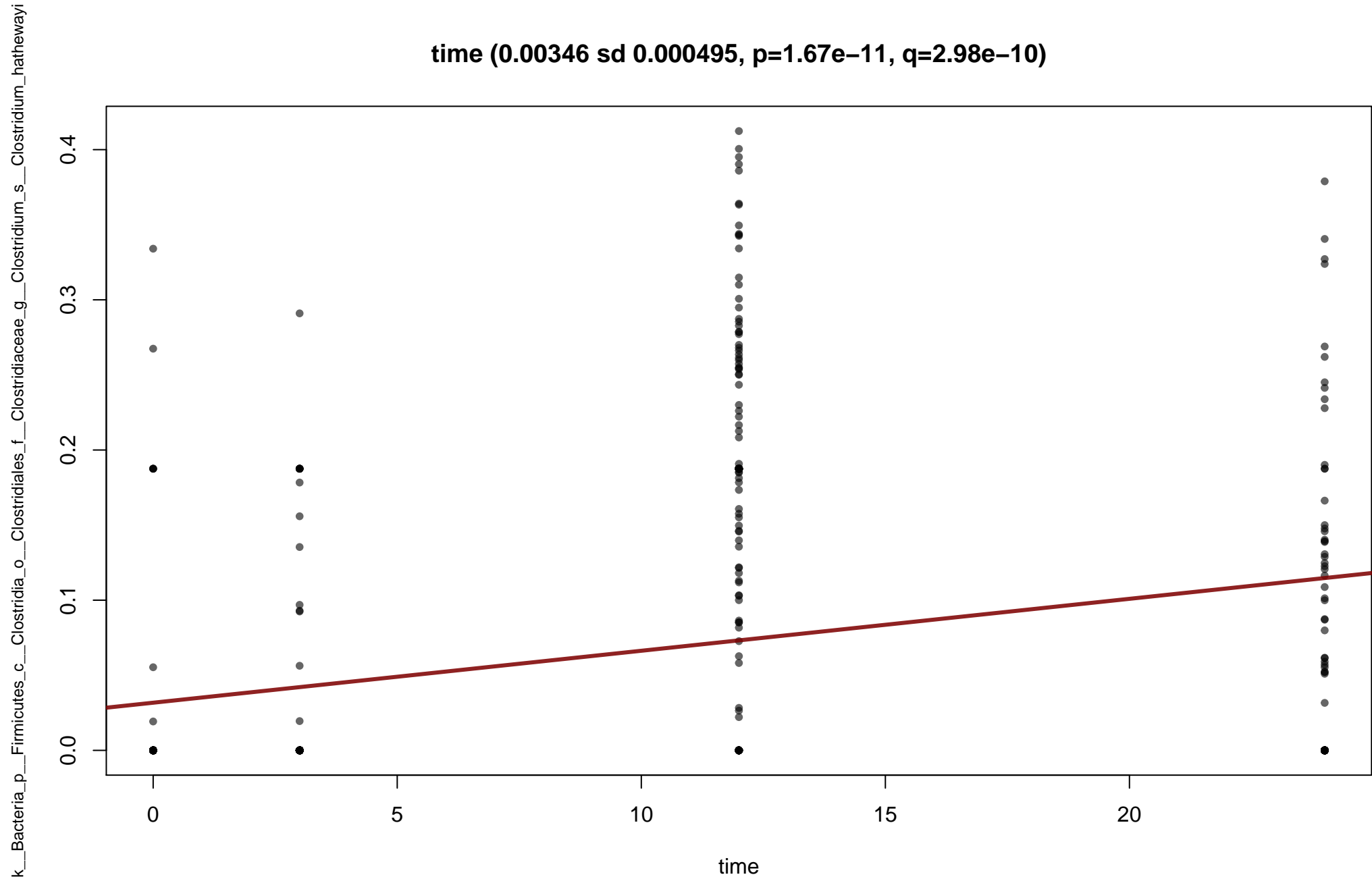
time (0.00249 sd 0.000356, p=1.51e-11, q=2.73e-10)



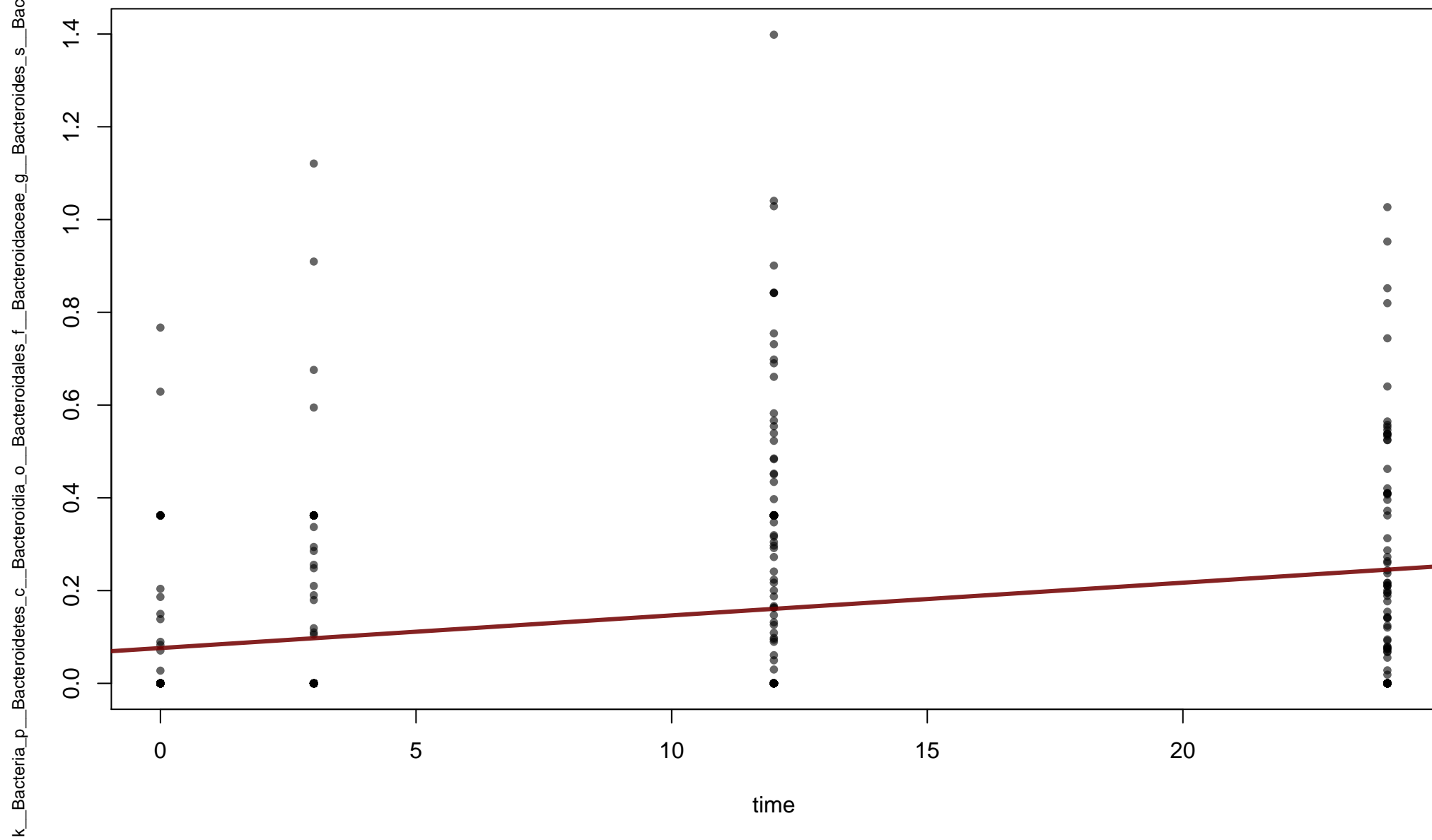
time (0.00339 sd 0.000485, p=1.65e-11, q=2.97e-10)



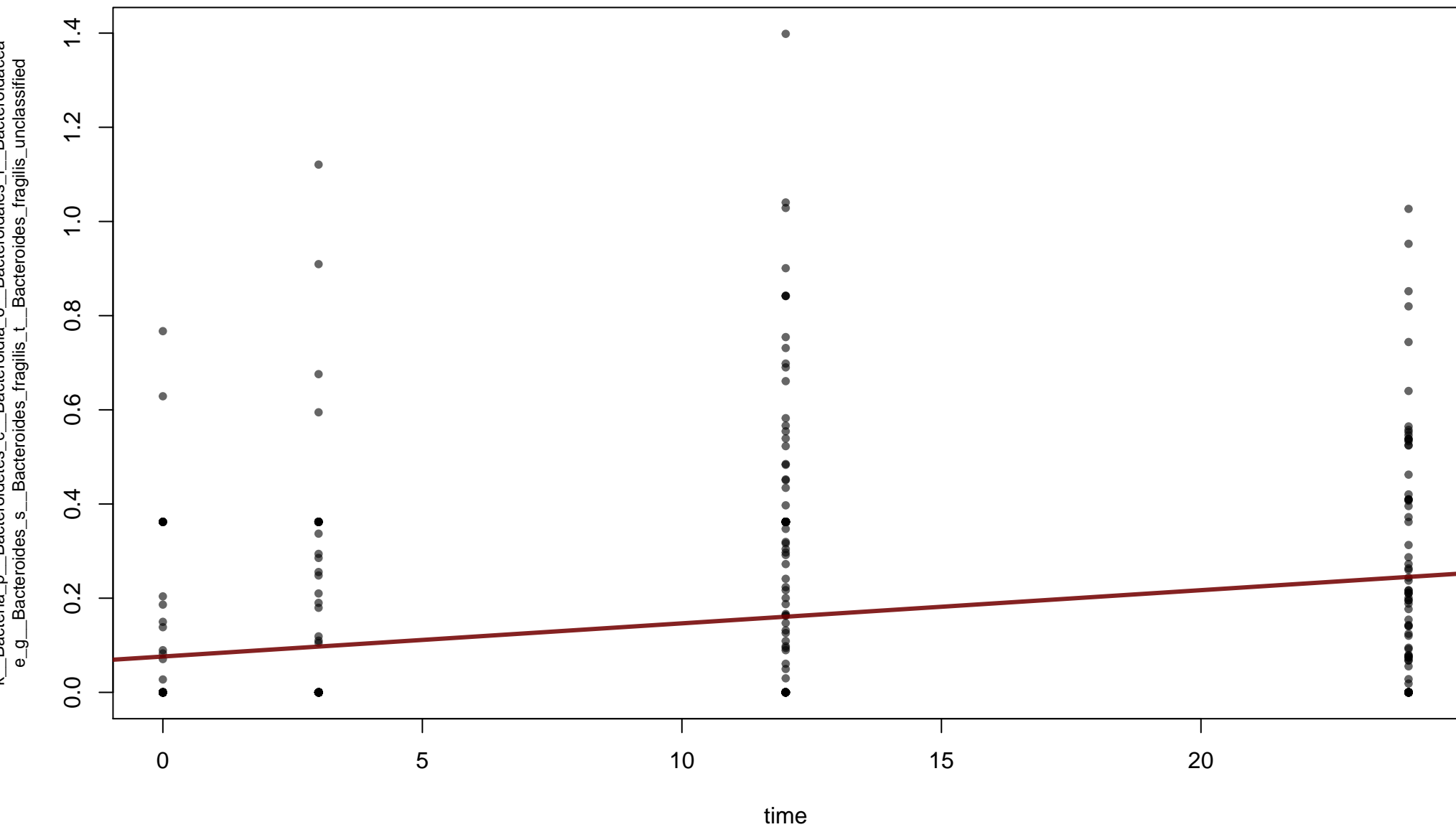
time (0.00346 sd 0.000495, p=1.67e-11, q=2.98e-10)



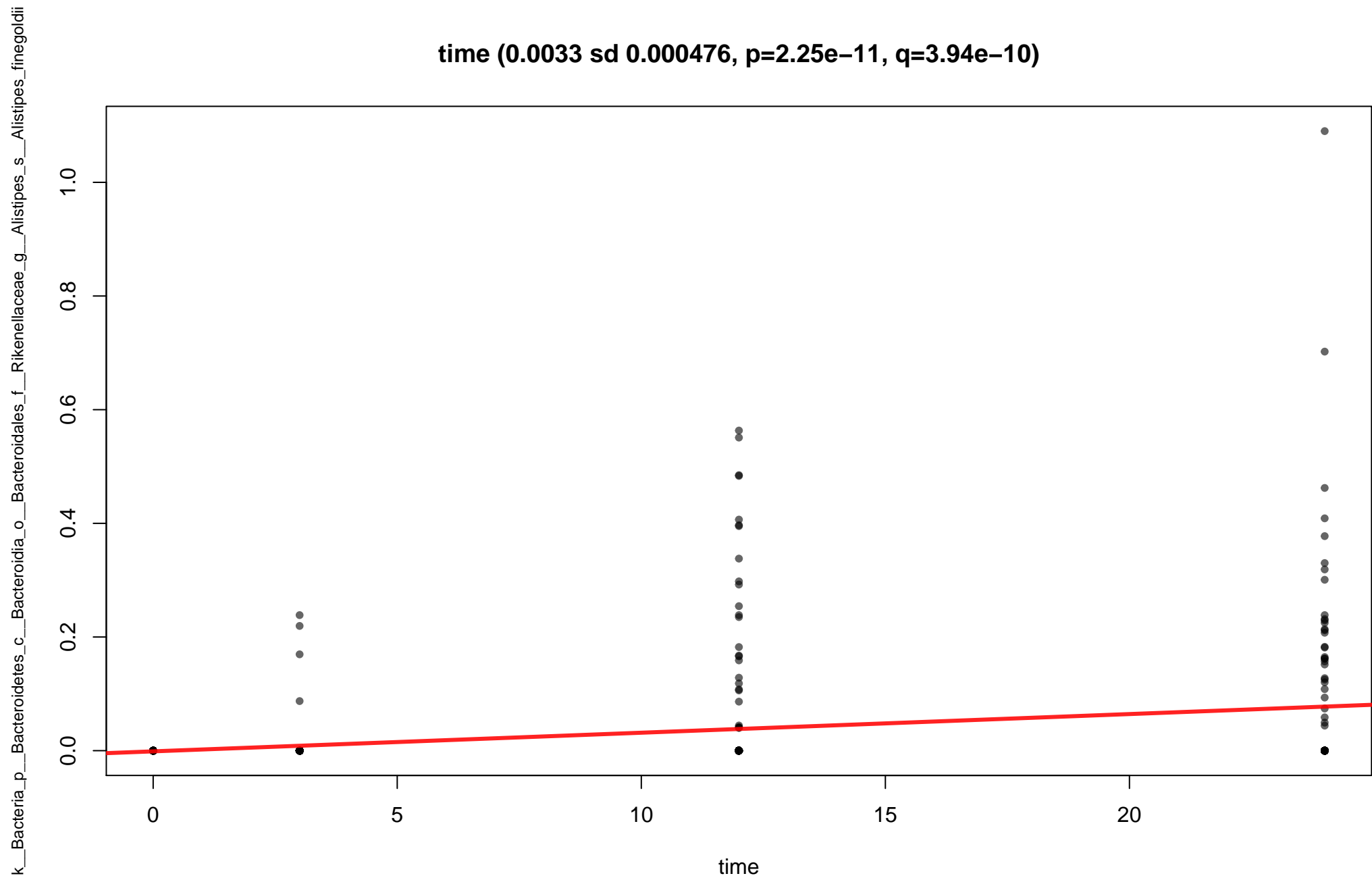
time (0.00668 sd 0.000961, p=2.04e-11, q=3.61e-10)



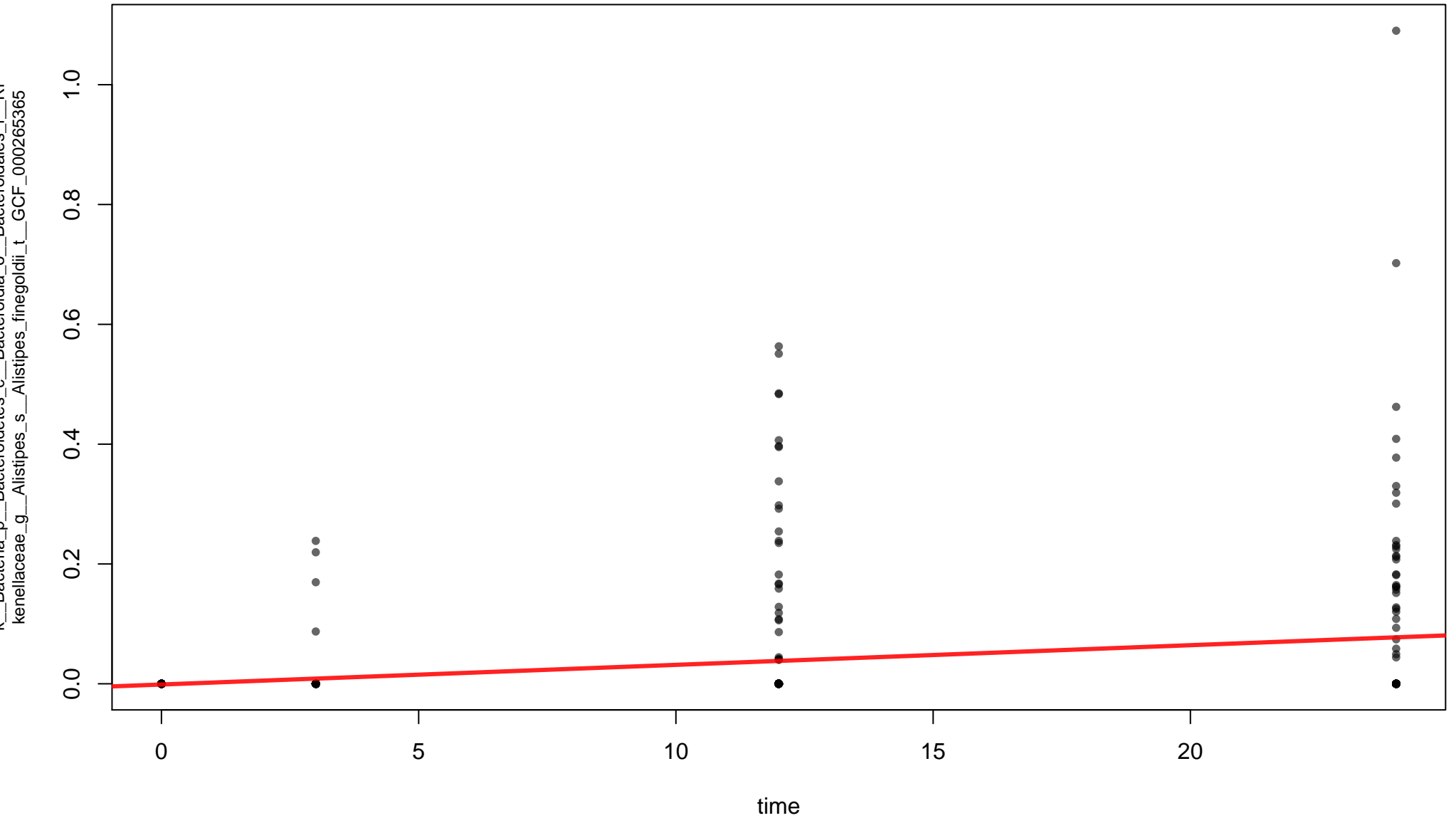
time (0.00668 sd 0.000961, p=2.04e-11, q=3.61e-10)



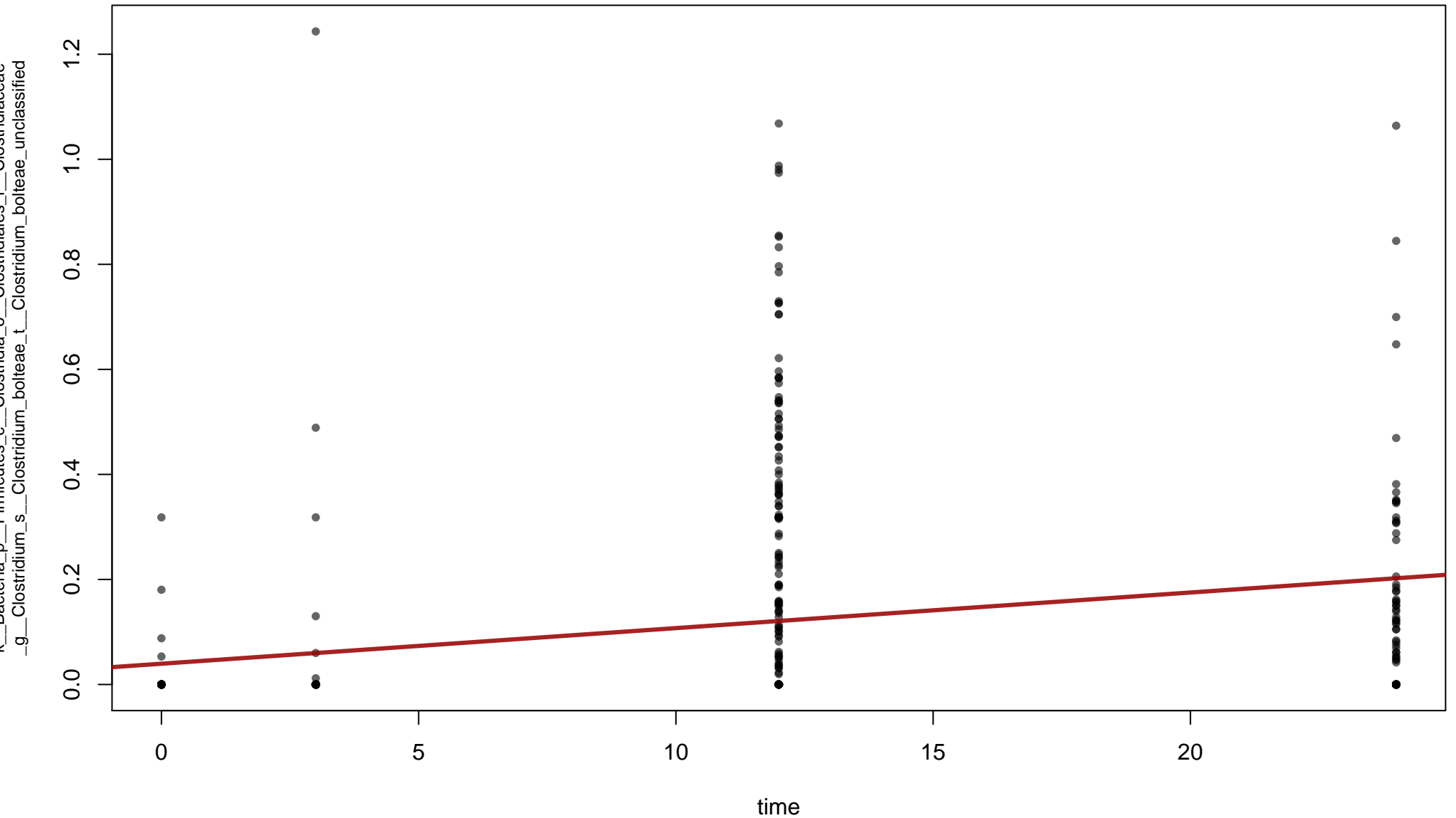
time (0.0033 sd 0.000476, p=2.25e-11, q=3.94e-10)



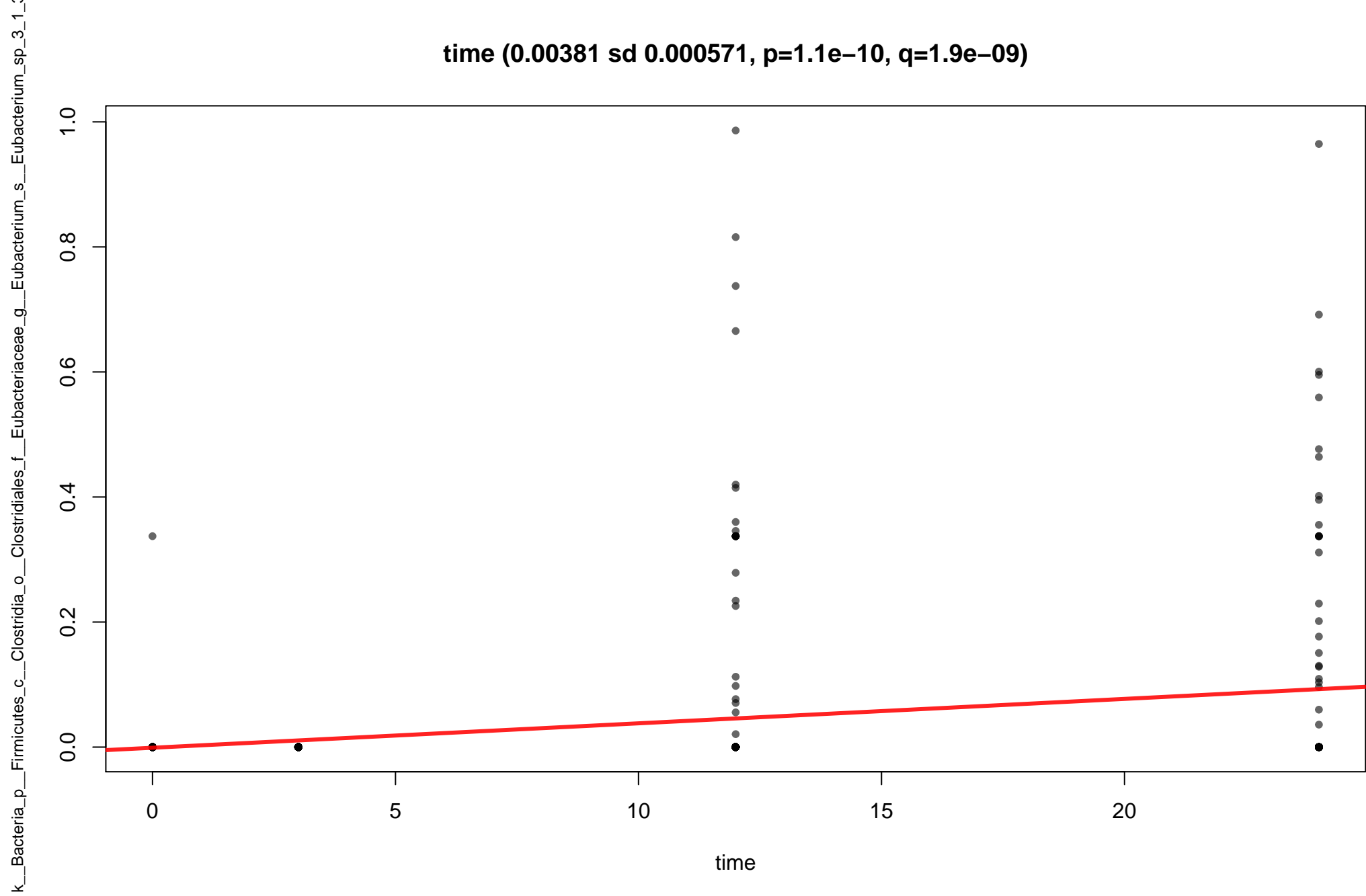
time (0.0033 sd 0.000476, p=2.25e-11, q=3.94e-10)



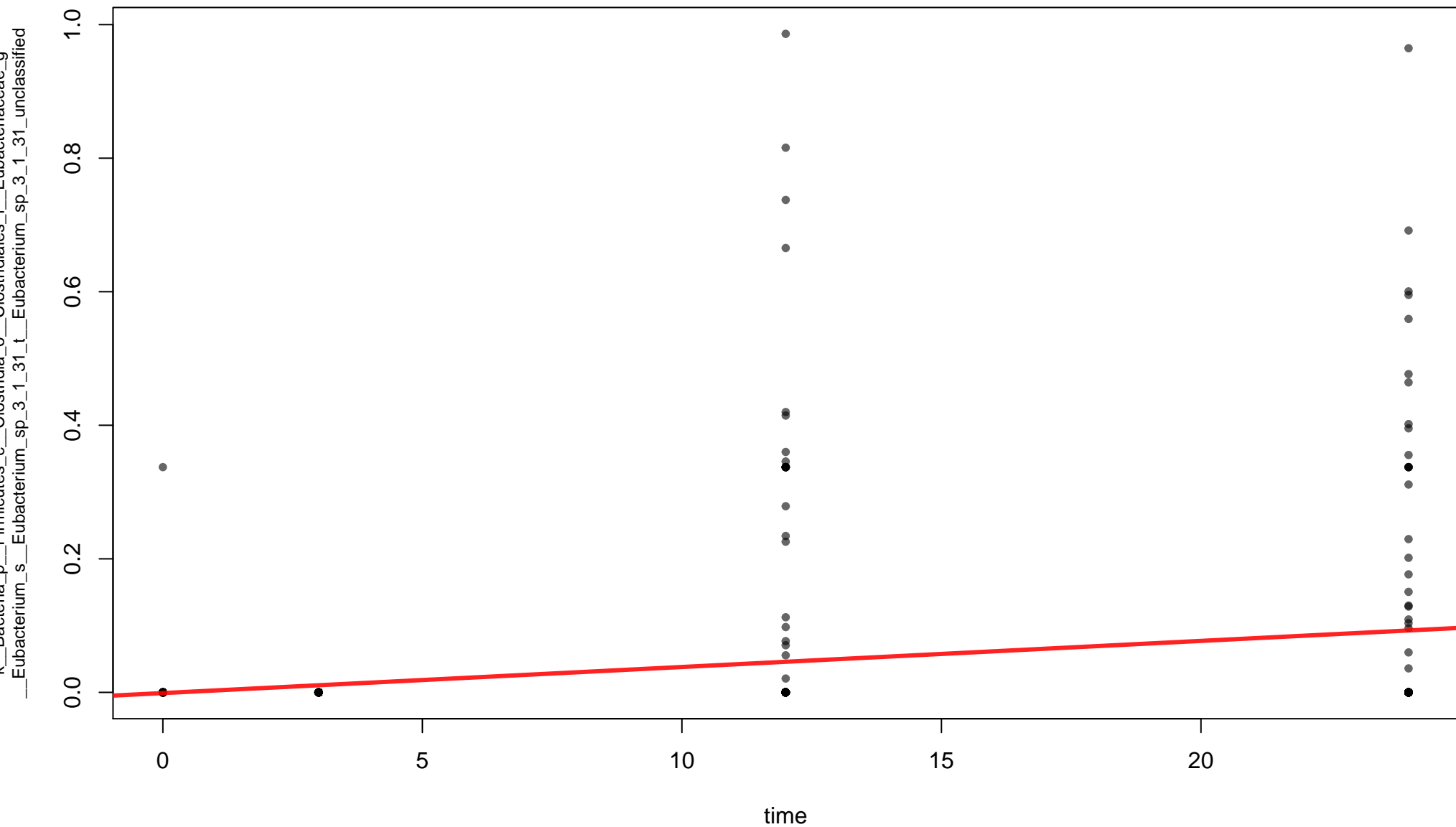
time (0.0068 sd 0.000996, p=4.35e-11, q=7.57e-10)



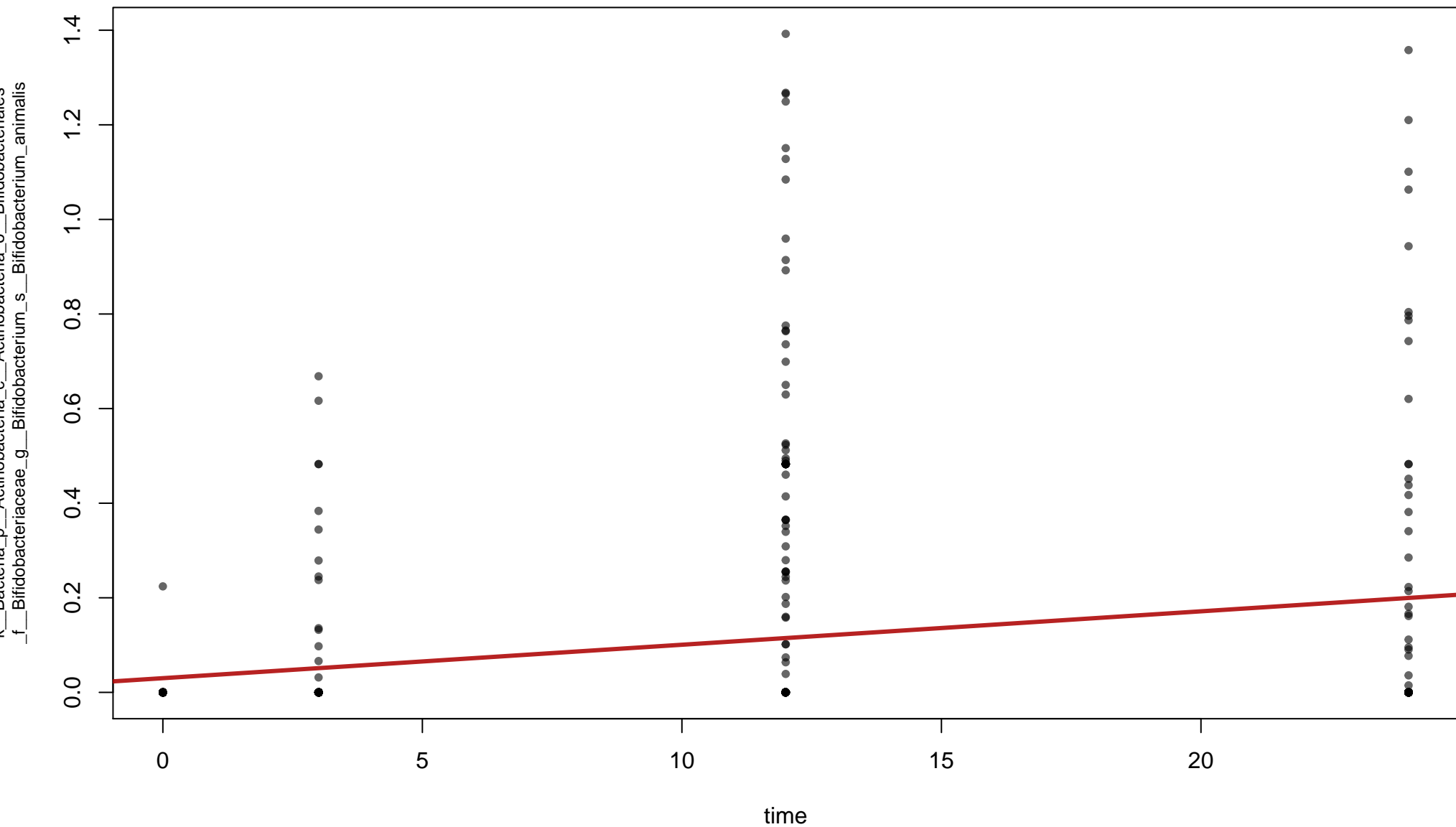
time (0.00381 sd 0.000571, p=1.1e-10, q=1.9e-09)



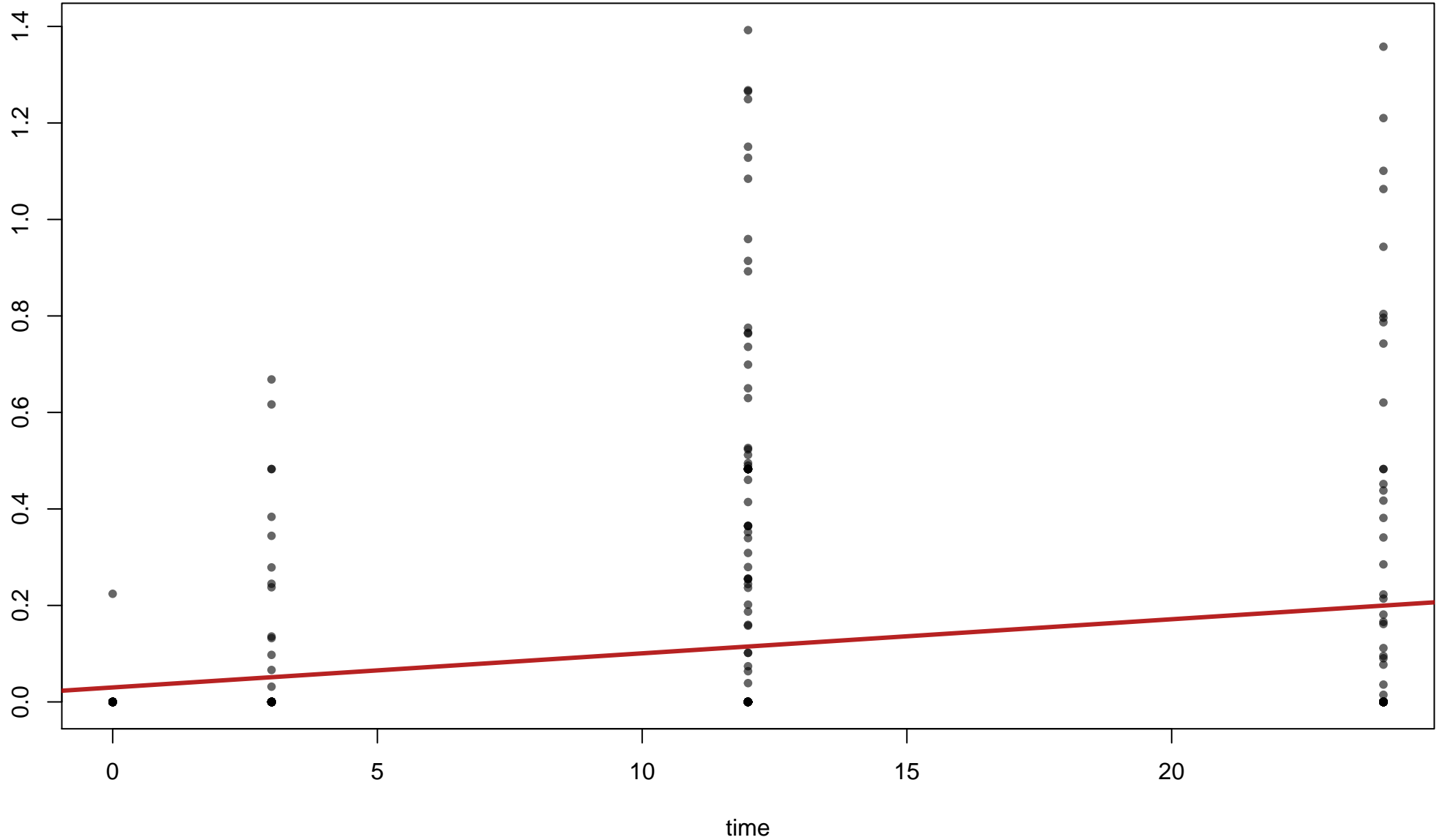
time (0.00381 sd 0.000571, p=1.1e-10, q=1.9e-09)



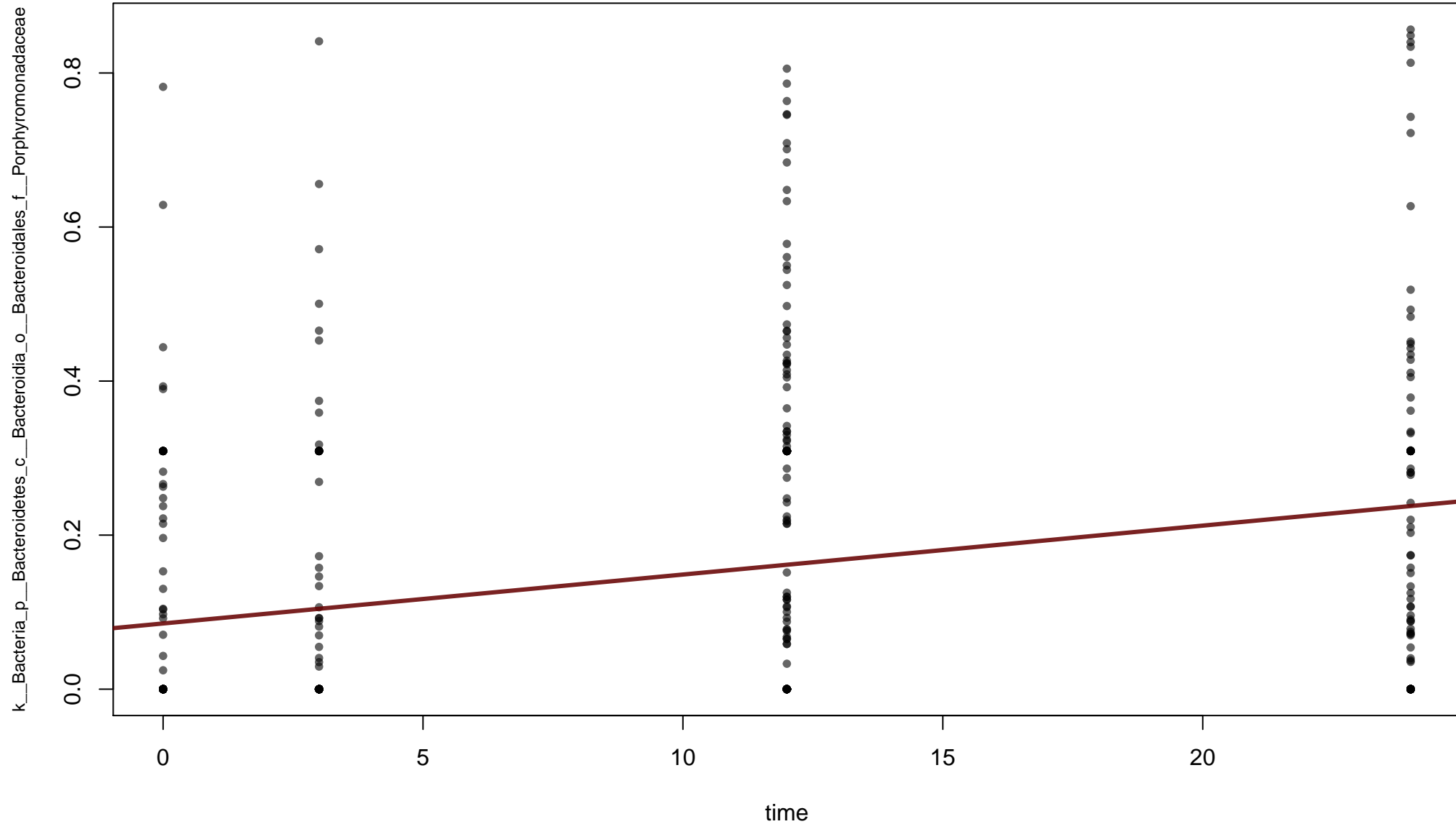
time (0.00727 sd 0.00112, p=3.69e-10, q=6.27e-09)



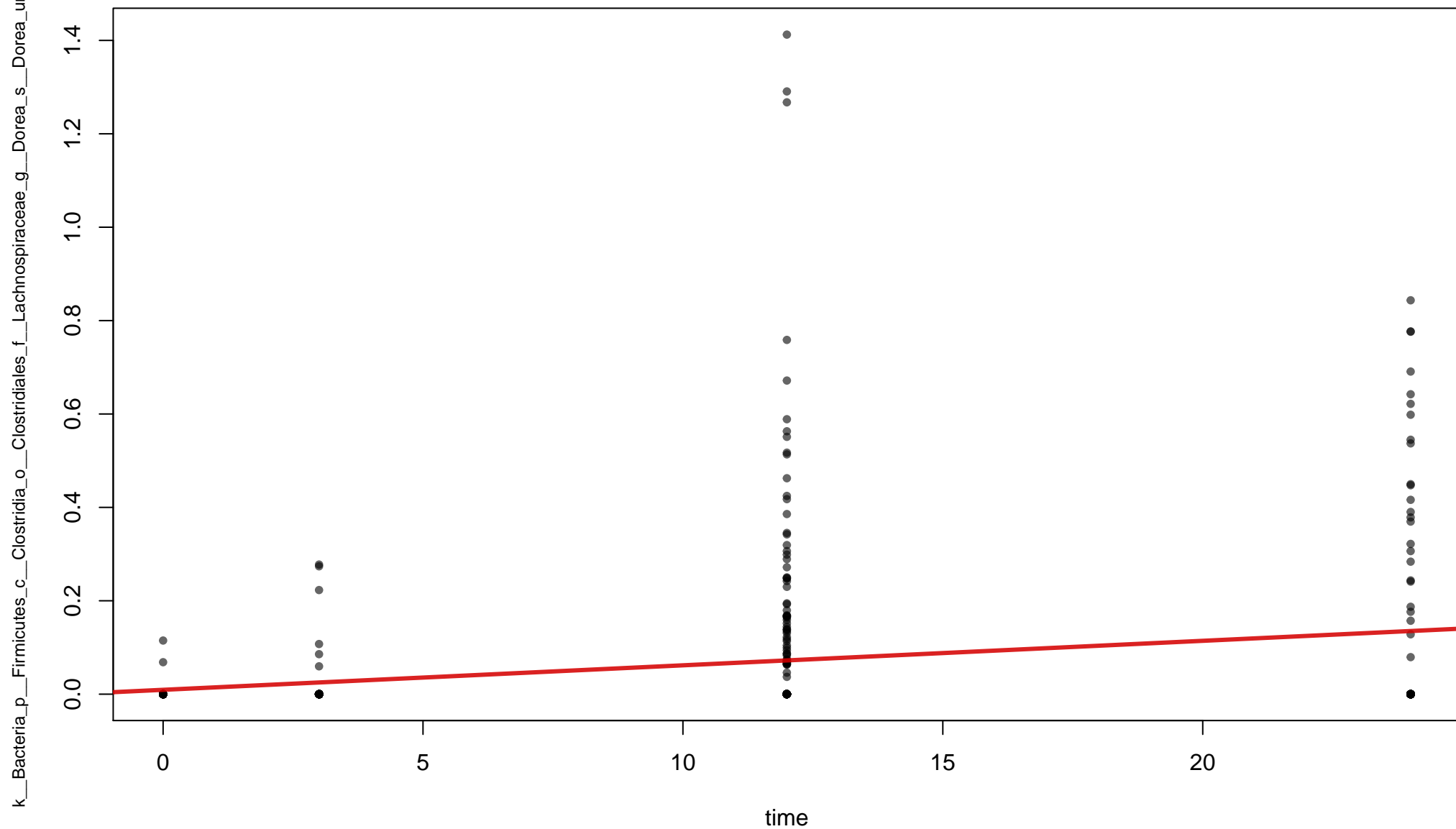
e.g. *Bifidobacterium_s_Bifidobacterium_animalis_t_Bifidobacterium_animalis_unclassified*



time (0.00595 sd 0.000919, p=3.74e-10, q=6.33e-09)

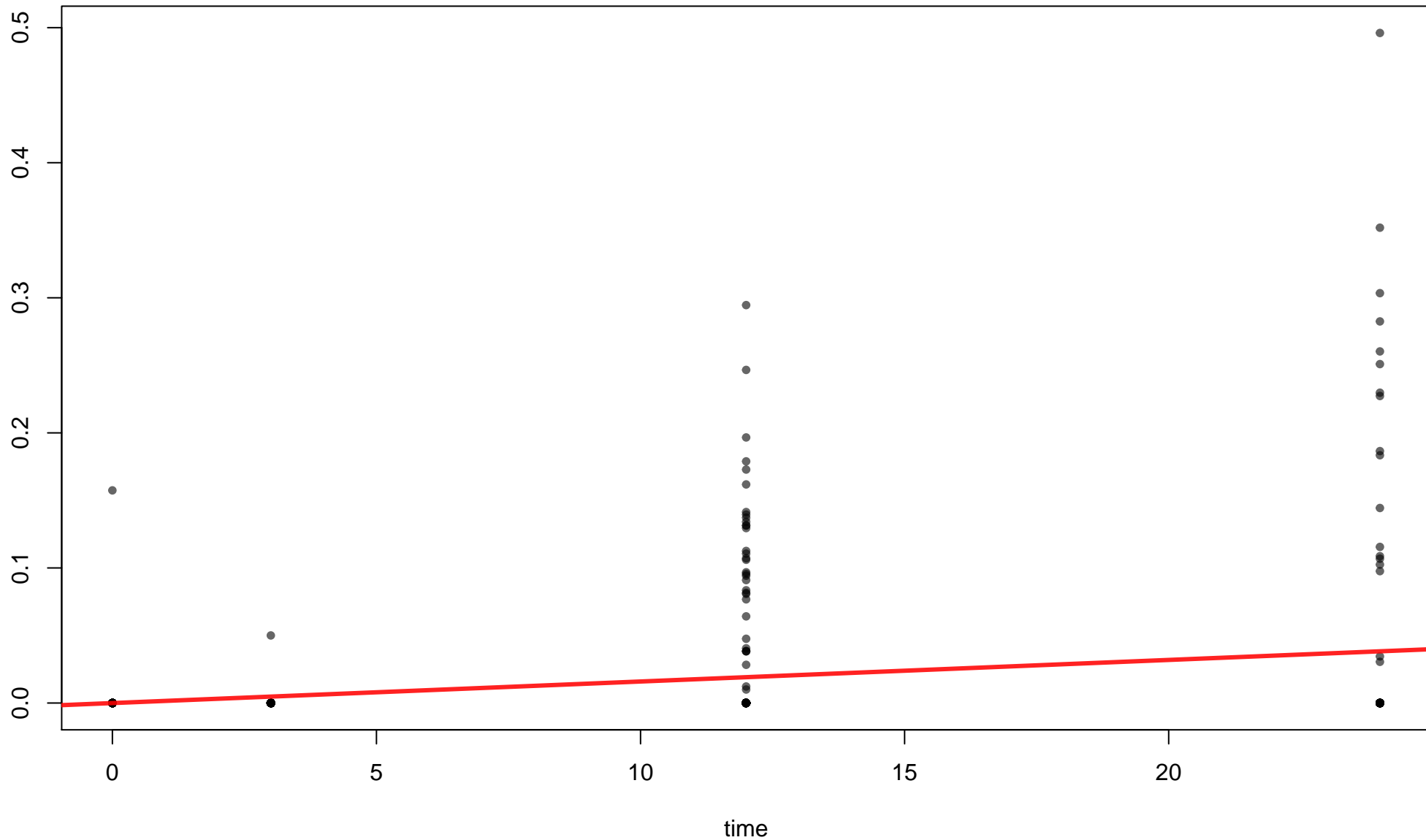


time (0.00519 sd 0.000806, p=4.6e-10, q=7.73e-09)

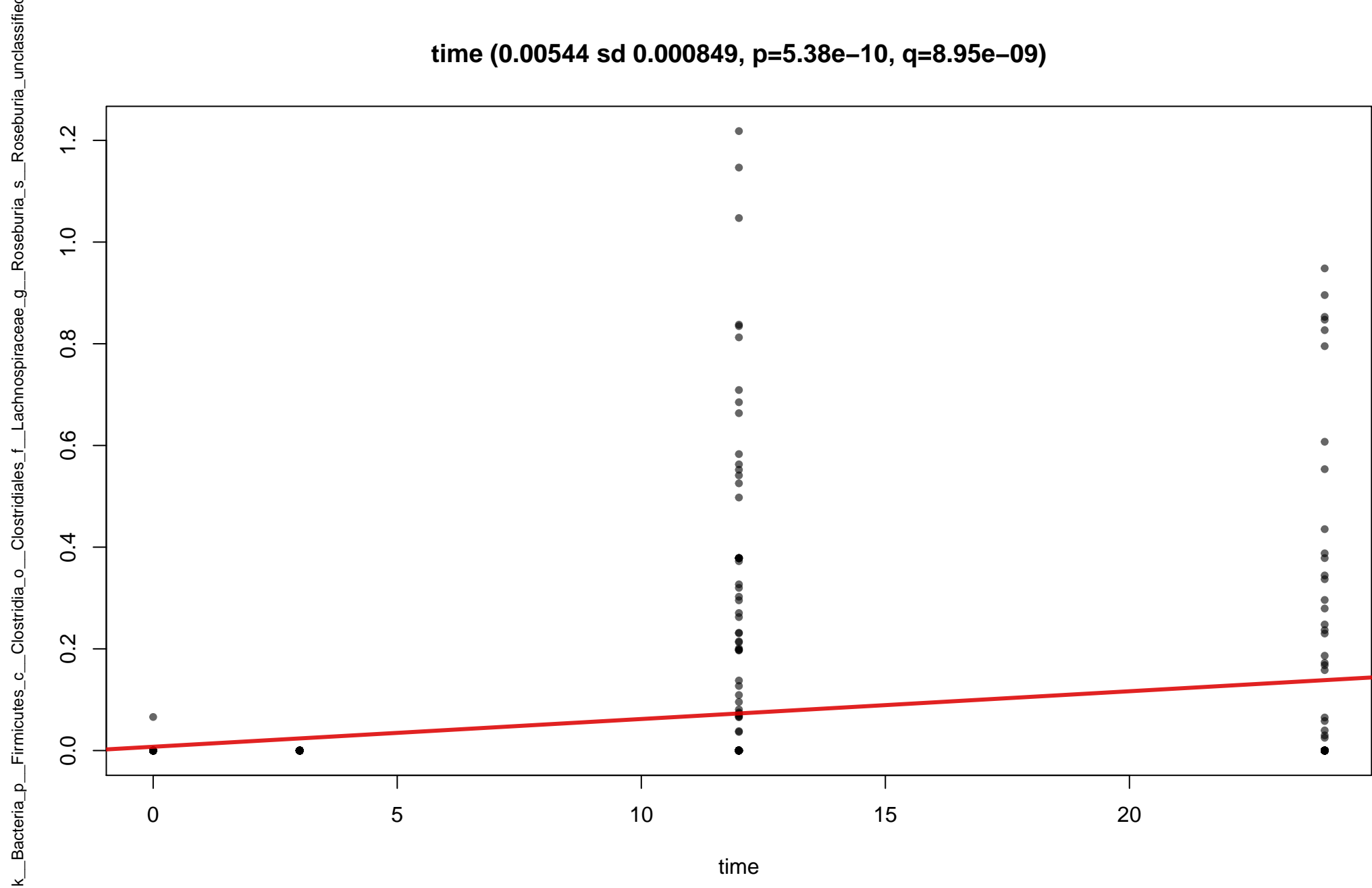


time (0.00159 sd 0.000248, p=5.26e-10, q=8.8e-09)

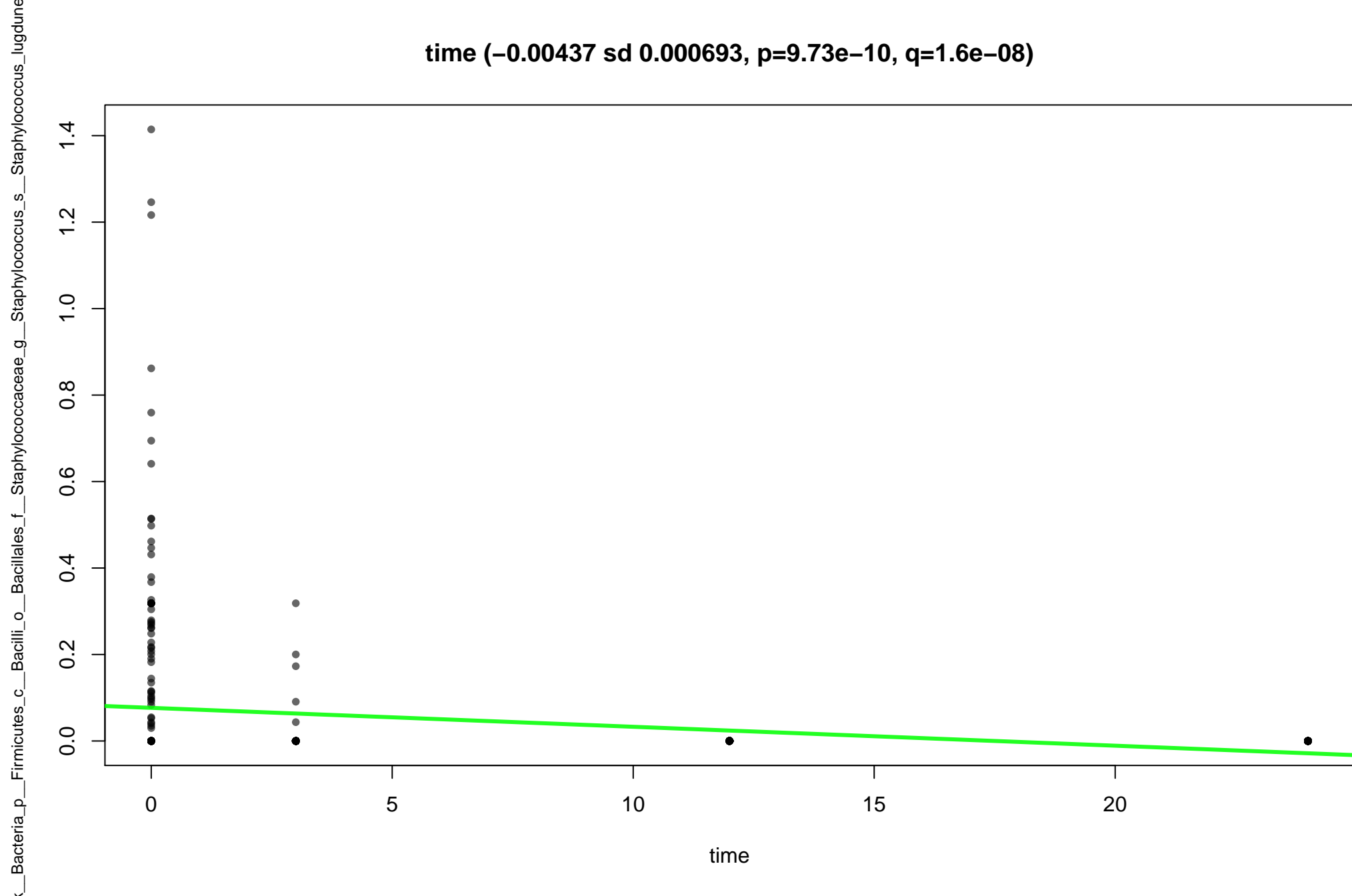
k__Eukaryota_p__Ascomycota_c__Saccharomycetes_o__Saccharomycetales_f__Saccharomycetaceae



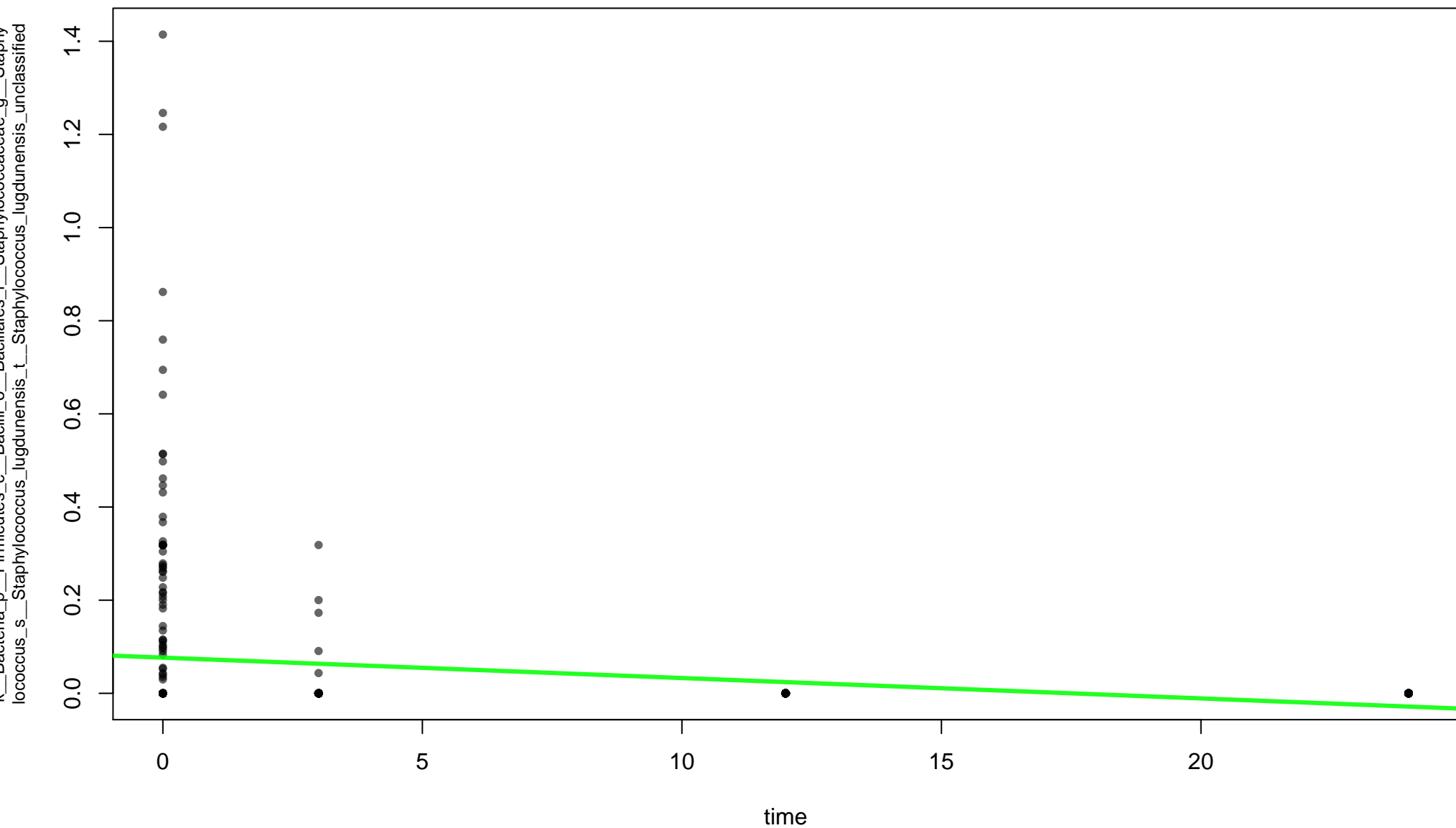
time (0.00544 sd 0.000849, p=5.38e-10, q=8.95e-09)



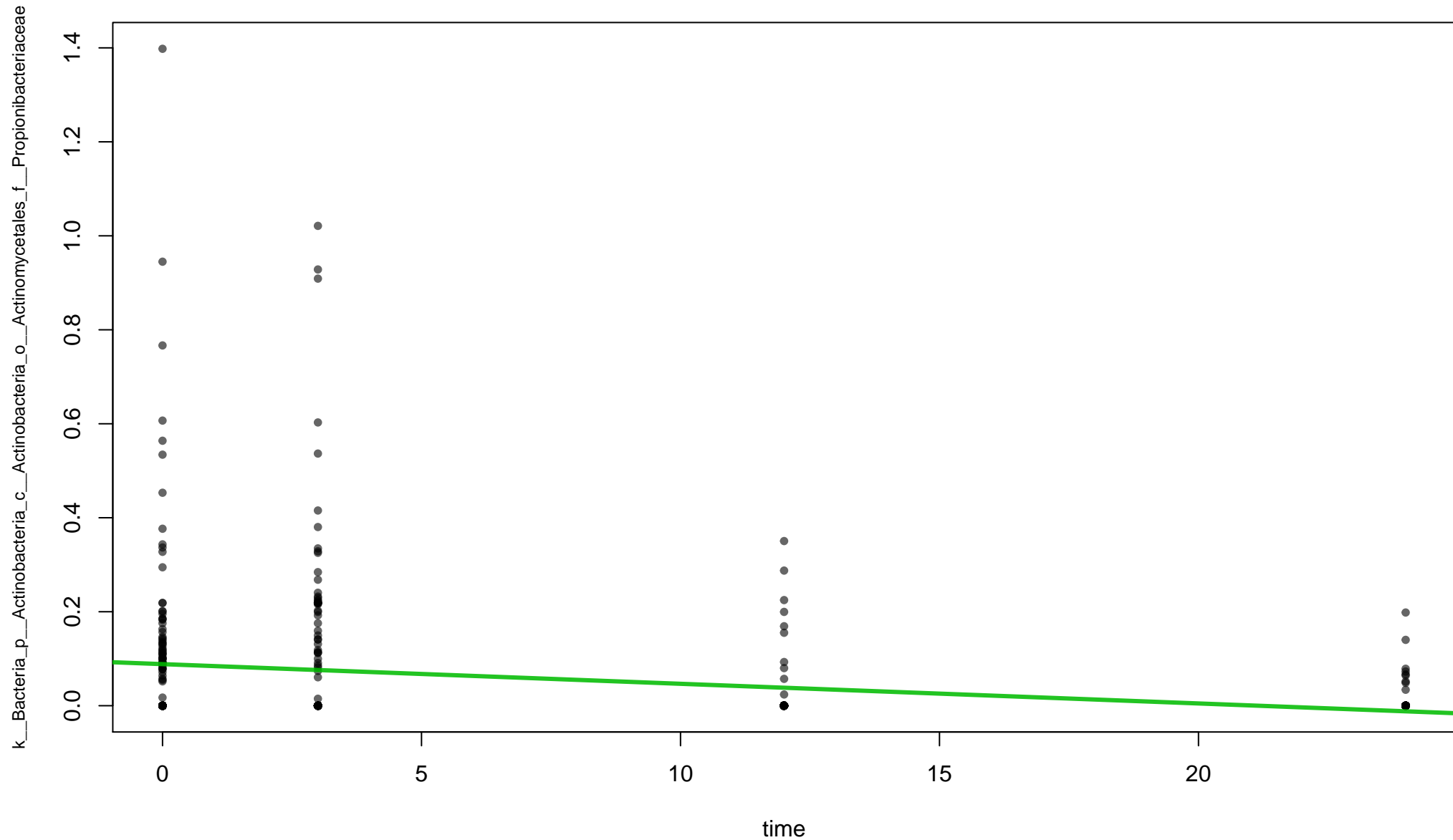
time (-0.00437 sd 0.000693 , $p=9.73e-10$, $q=1.6e-08$)



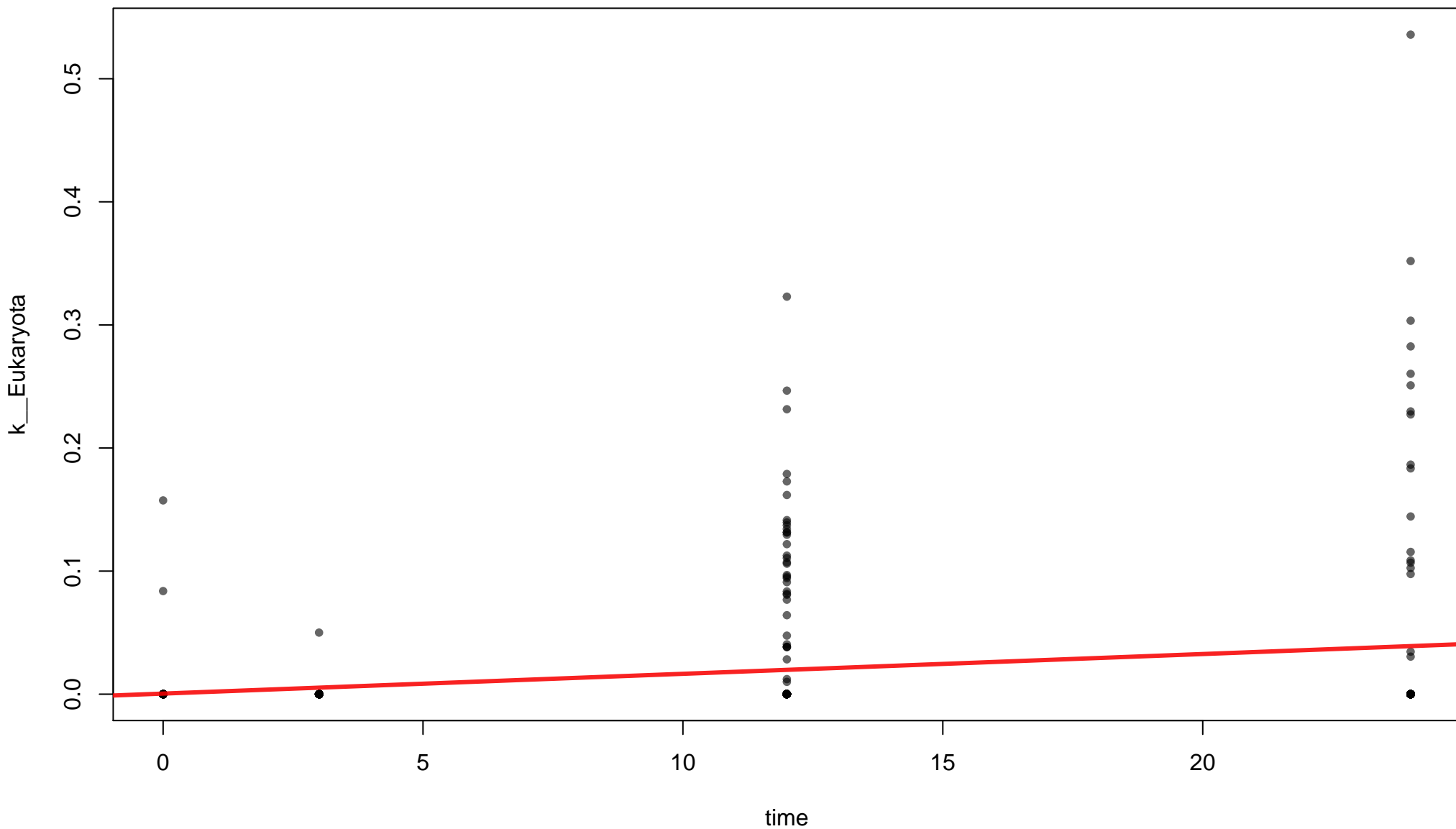
time (-0.00437 sd 0.000693 , $p=9.73e-10$, $q=1.6e-08$)



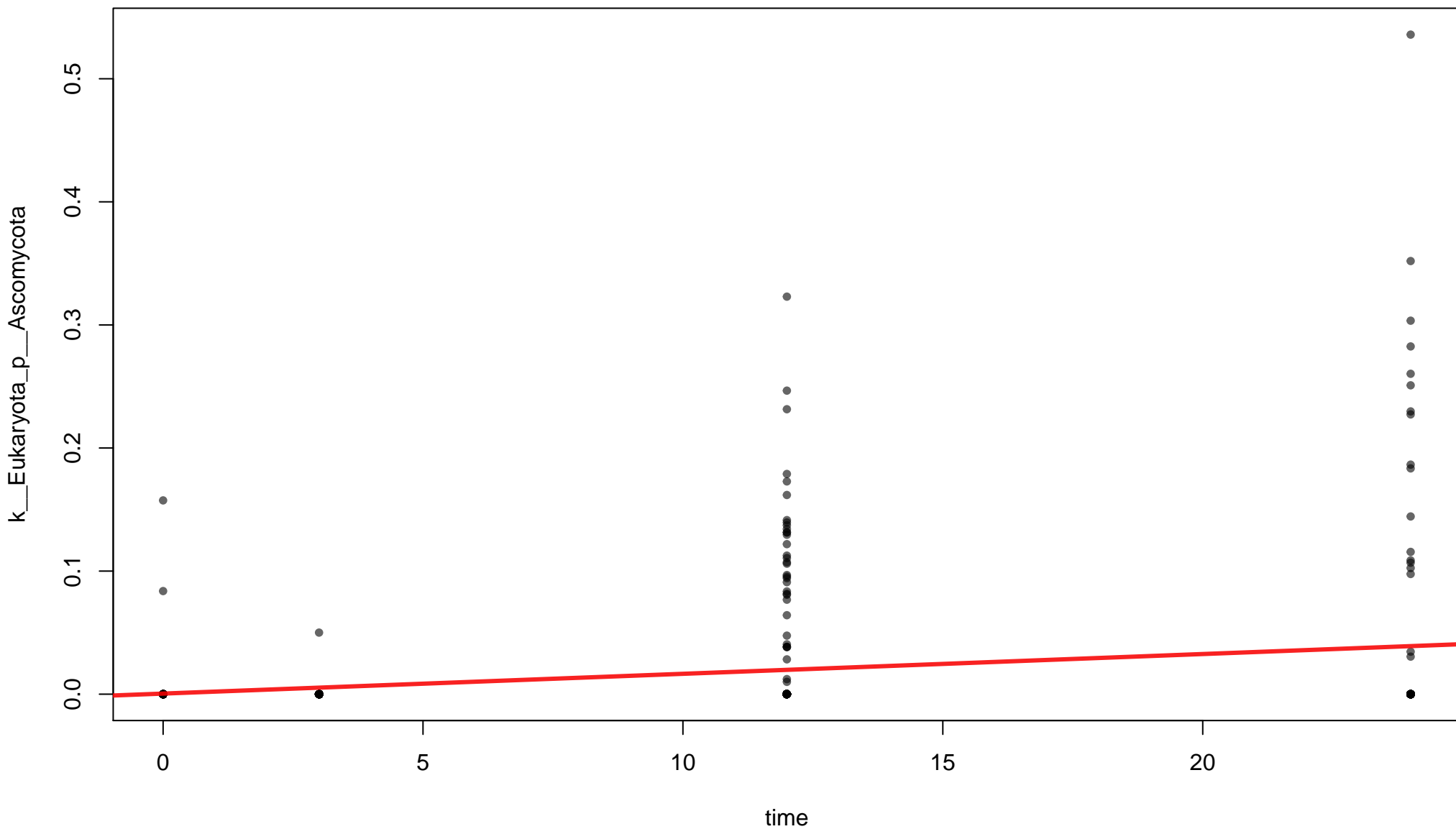
time (-0.00425 sd 0.000676 , $p=1.09e-09$, $q=1.79e-08$)



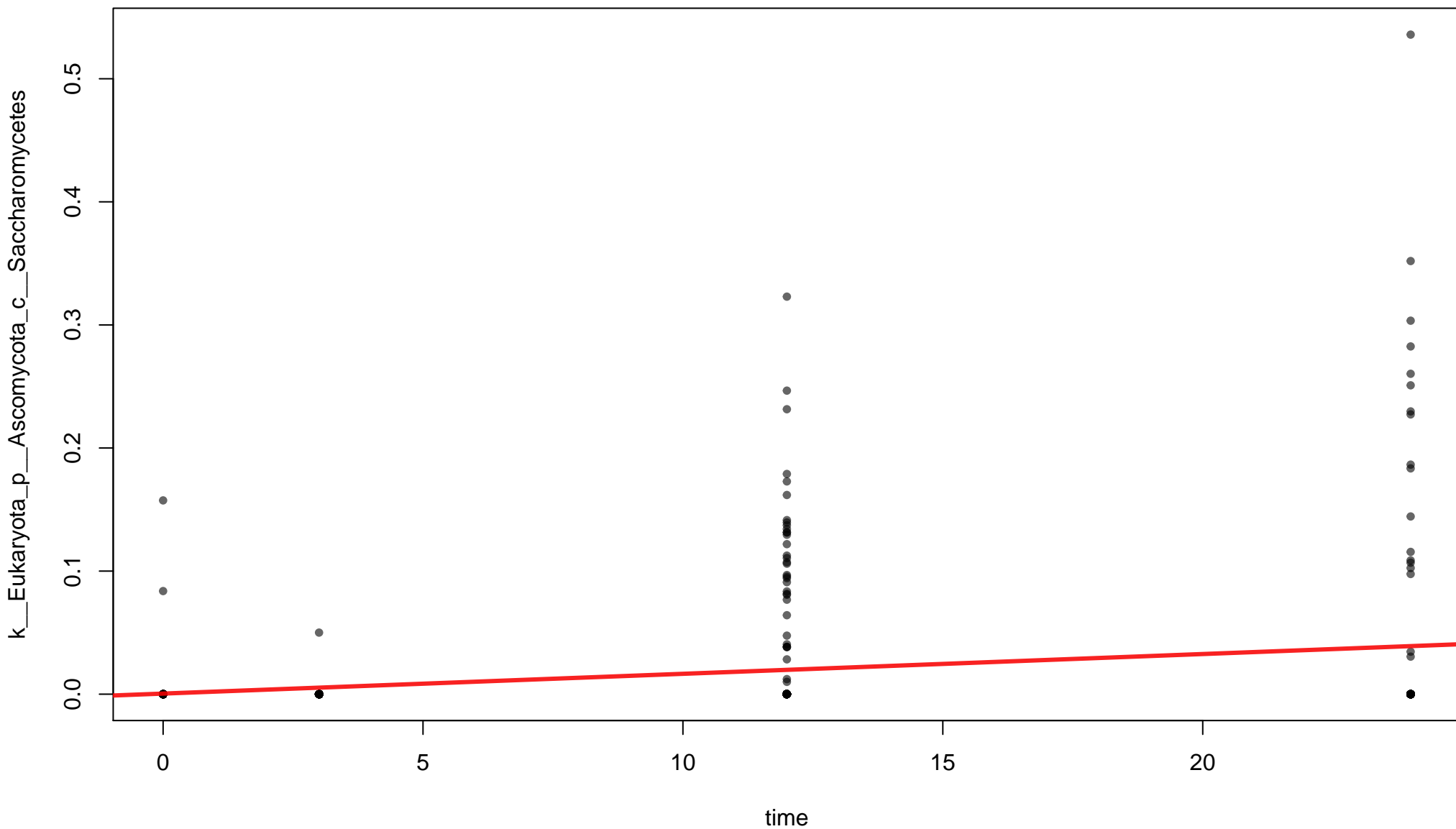
time (0.0016 sd 0.000257, p=1.6e-09, q=2.57e-08)



time (0.0016 sd 0.000257, p=1.6e-09, q=2.57e-08)

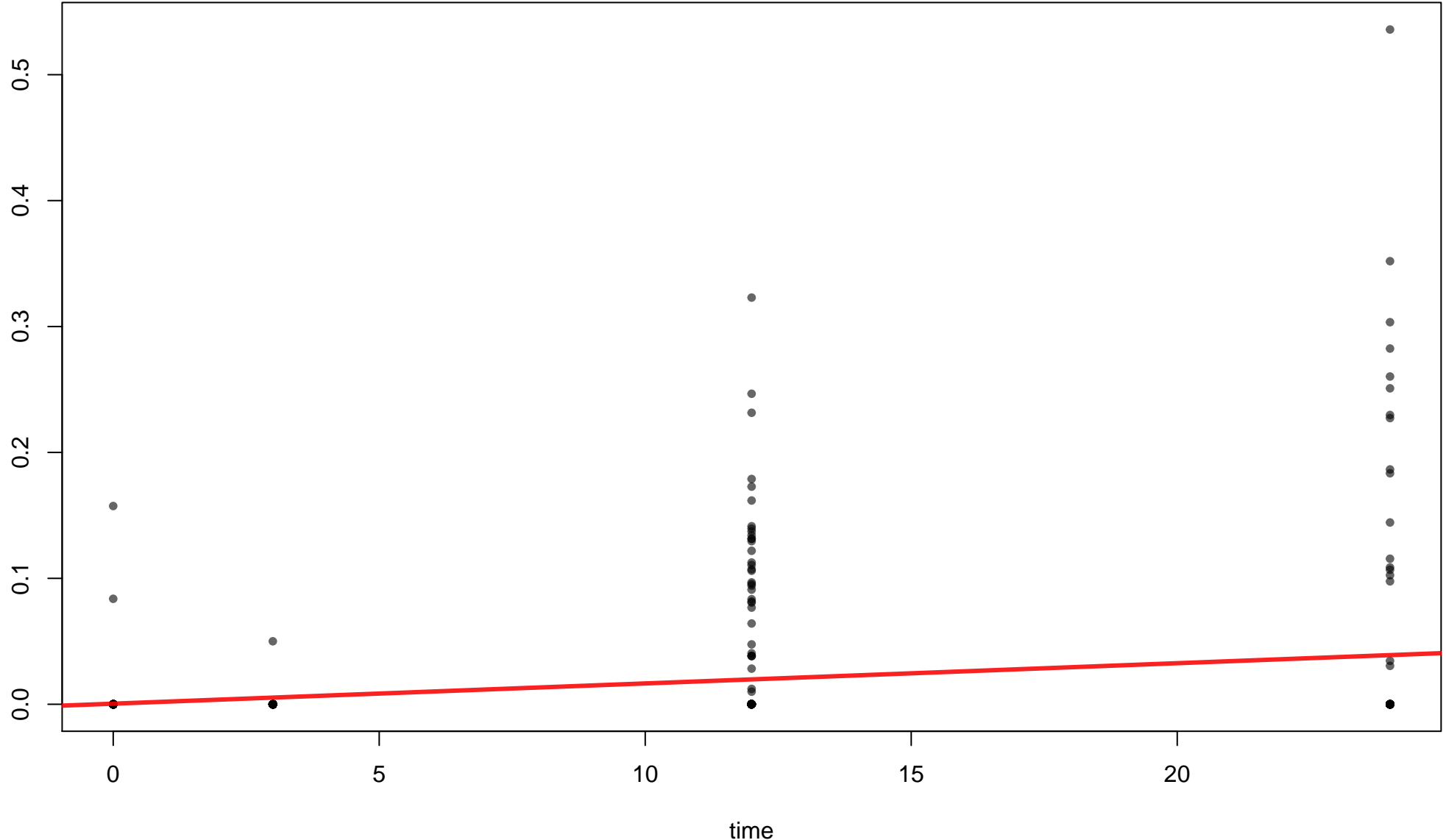


time (0.0016 sd 0.000257, p=1.6e-09, q=2.57e-08)

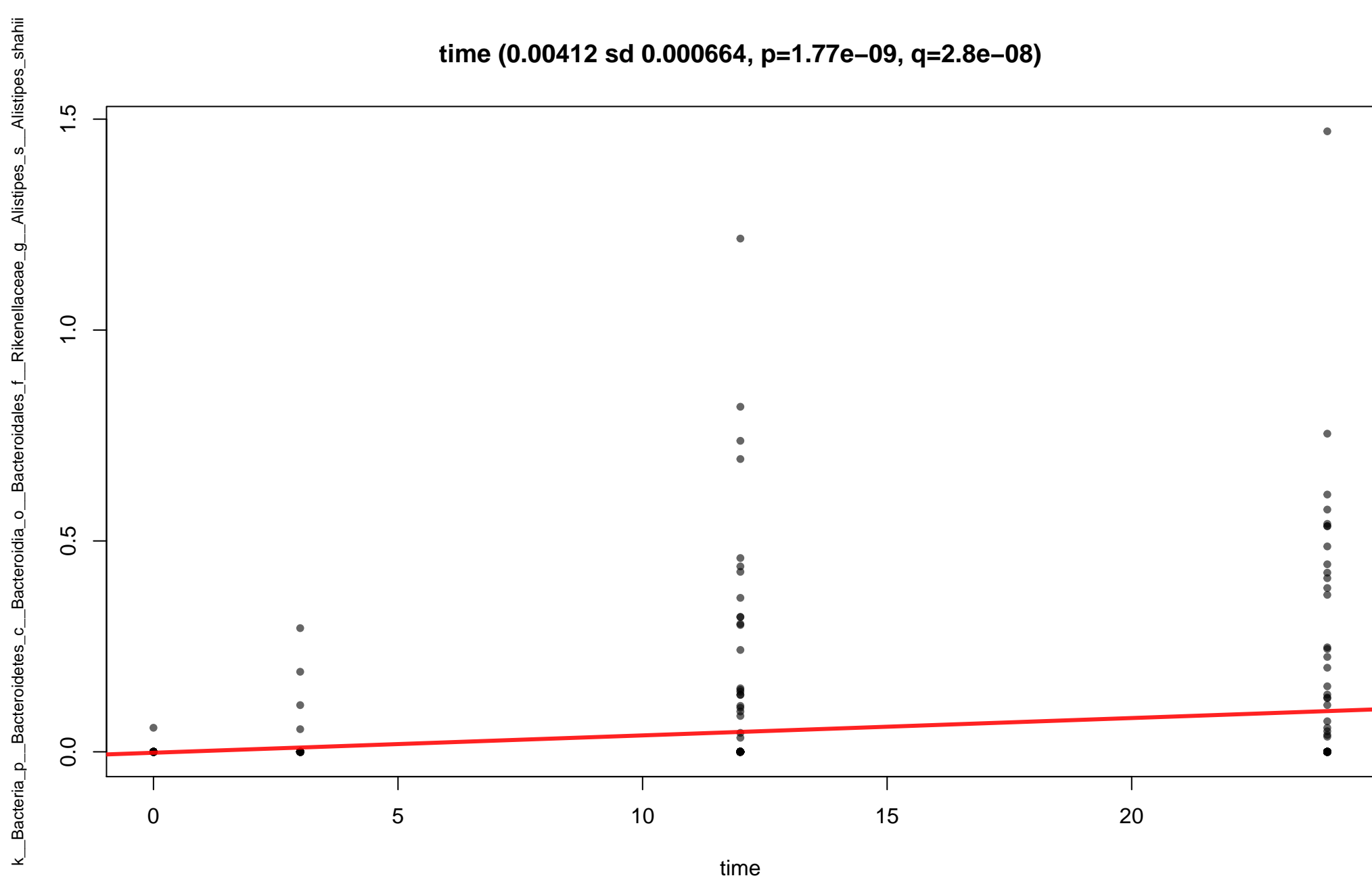


time (0.0016 sd 0.000257, p=1.6e-09, q=2.57e-08)

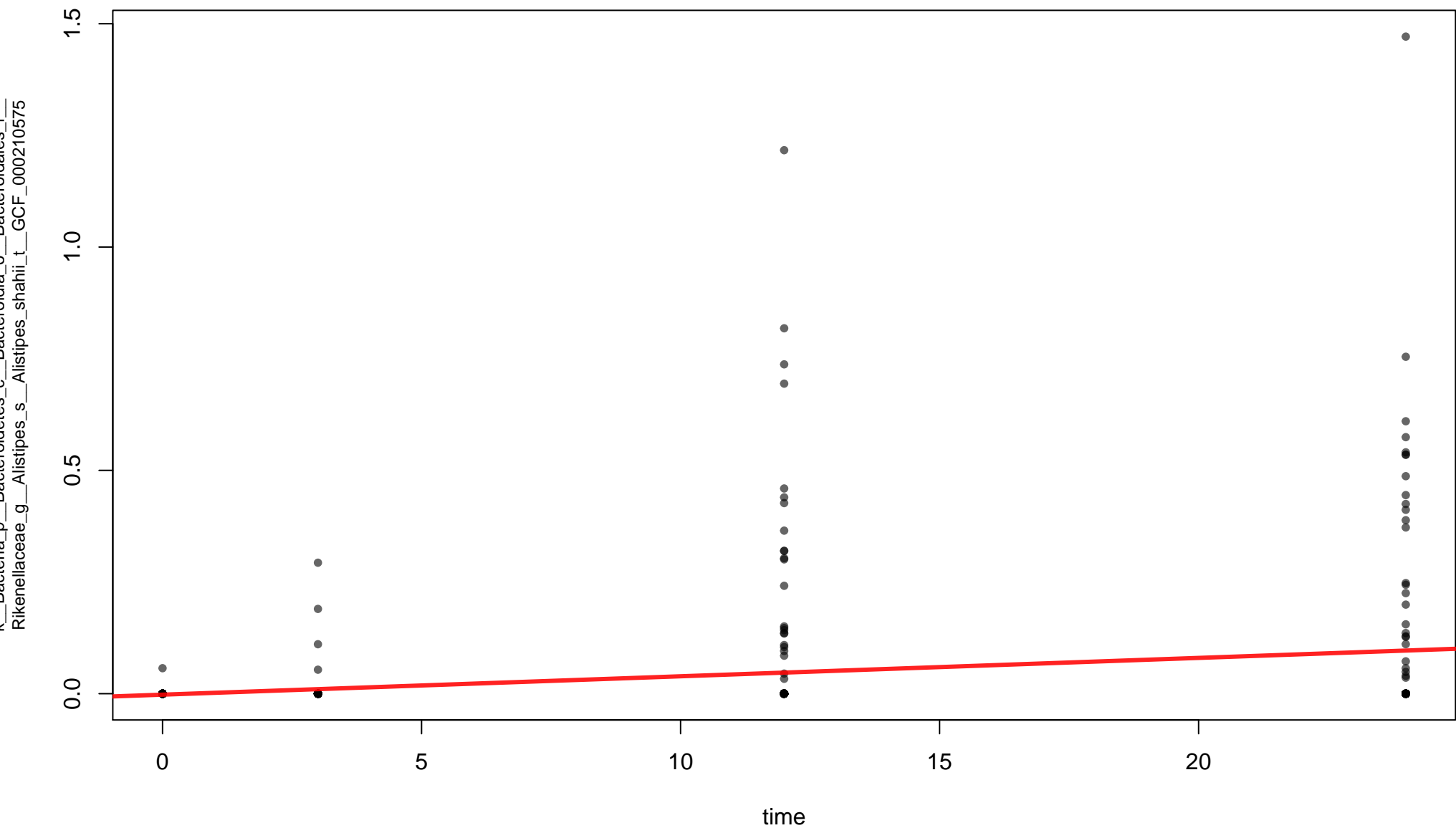
k__Eukaryota_p__Ascomycota_c__Saccharomycetes_o__Saccharomycetales



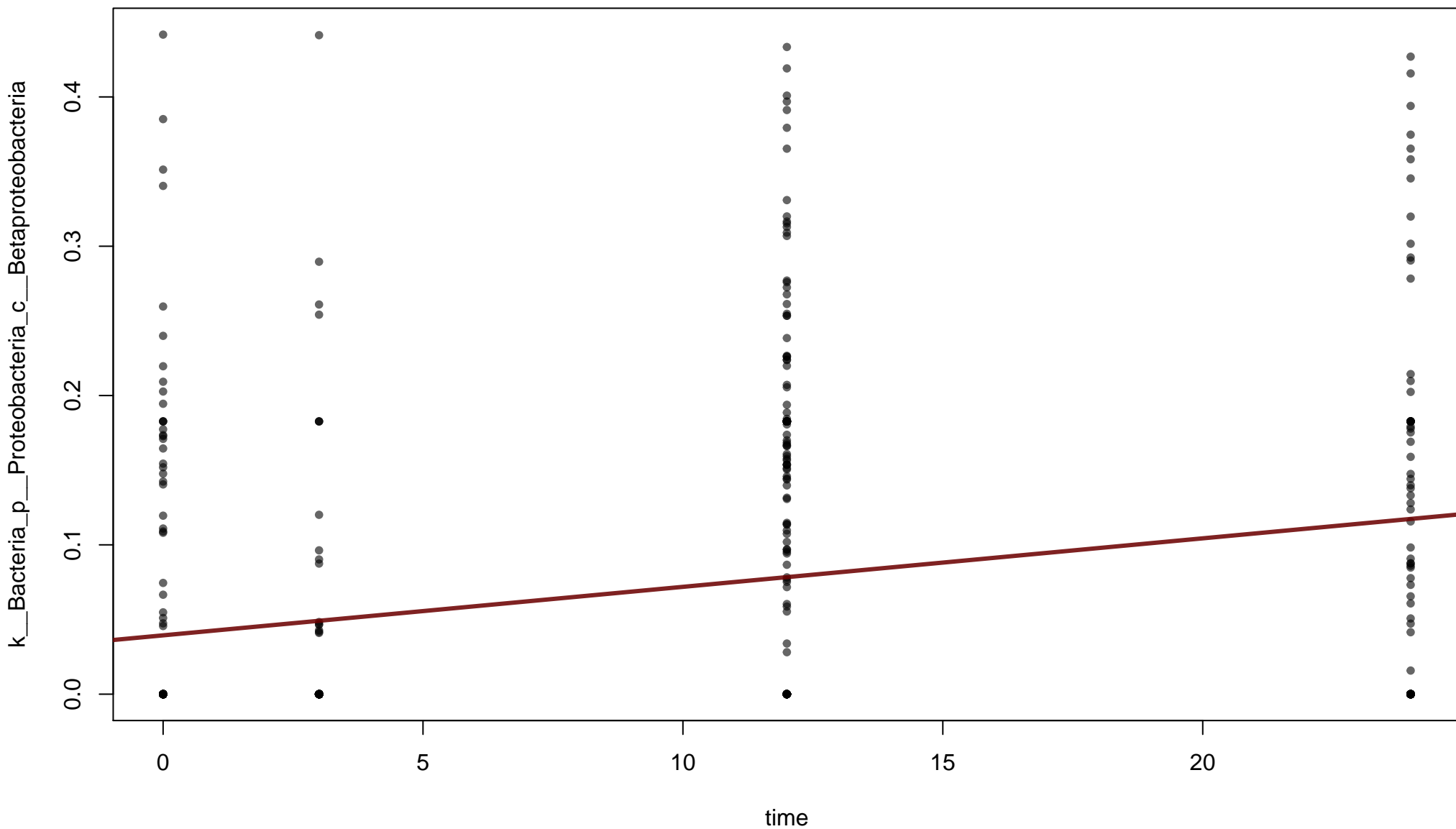
time (0.00412 sd 0.000664, p=1.77e-09, q=2.8e-08)



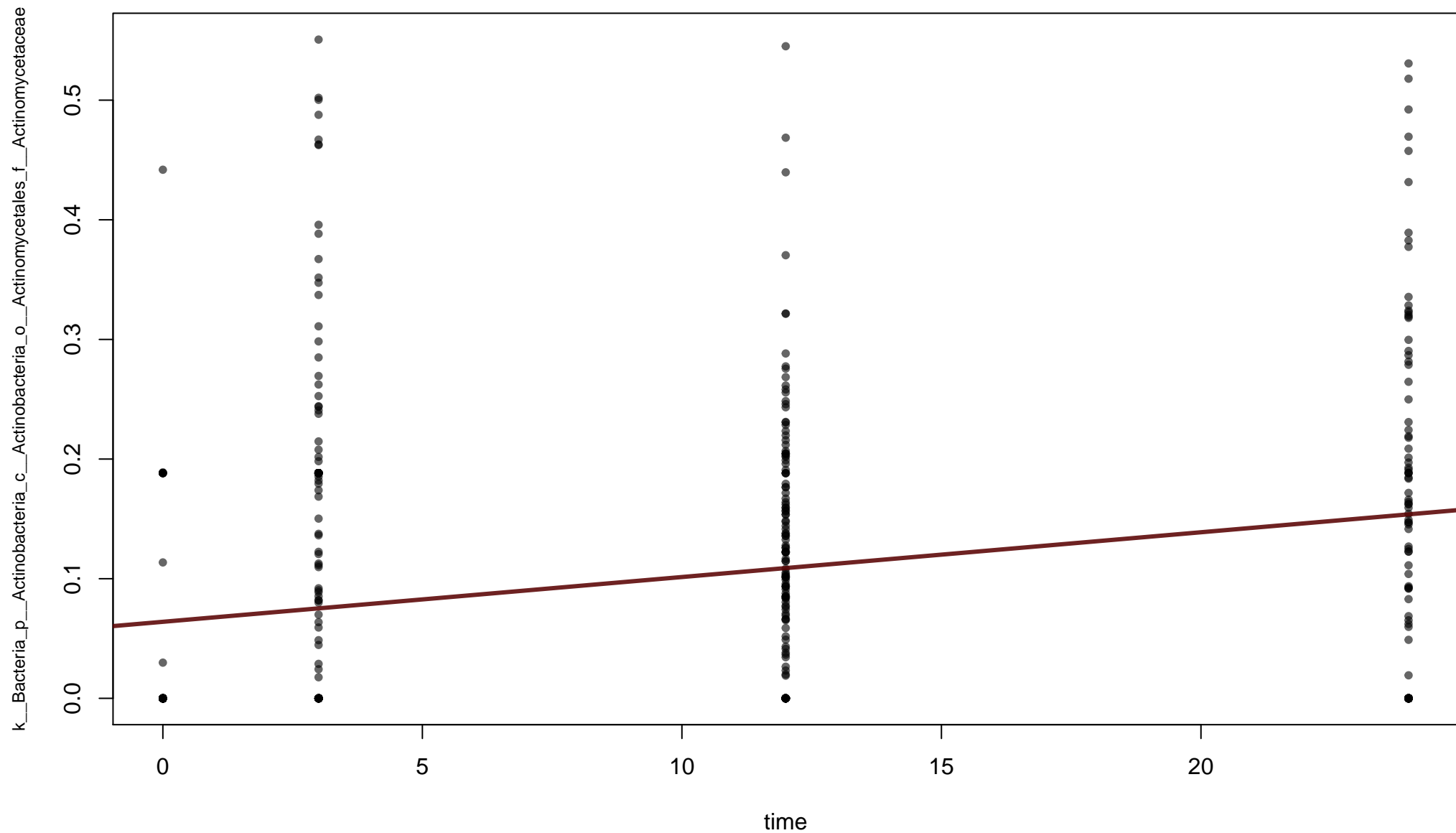
time (0.00412 sd 0.000664, p=1.77e-09, q=2.8e-08)



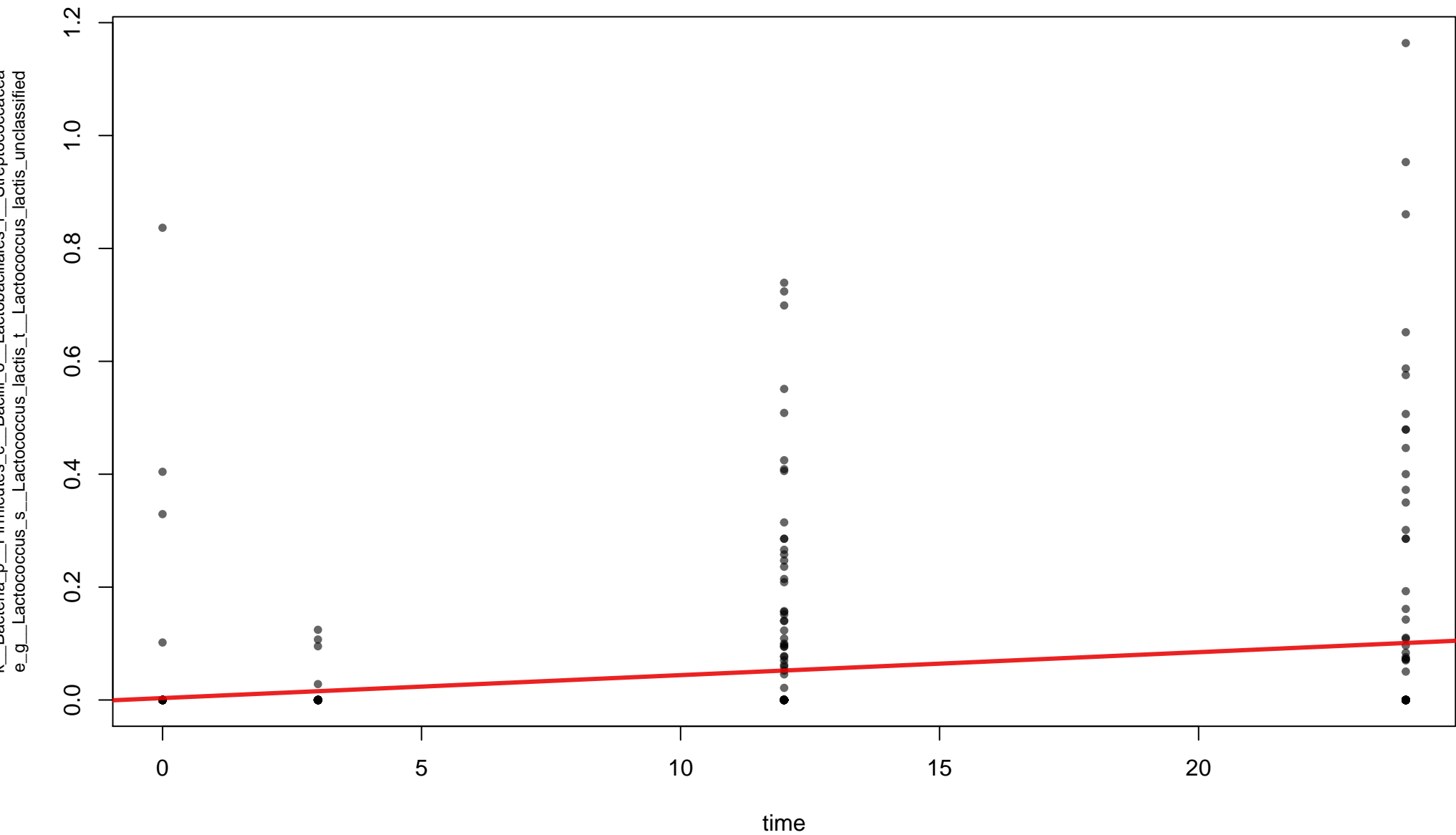
time (0.00323 sd 0.000522, p=1.87e-09, q=2.96e-08)



time (0.00371 sd 0.000602, p=2.04e-09, q=3.2e-08)

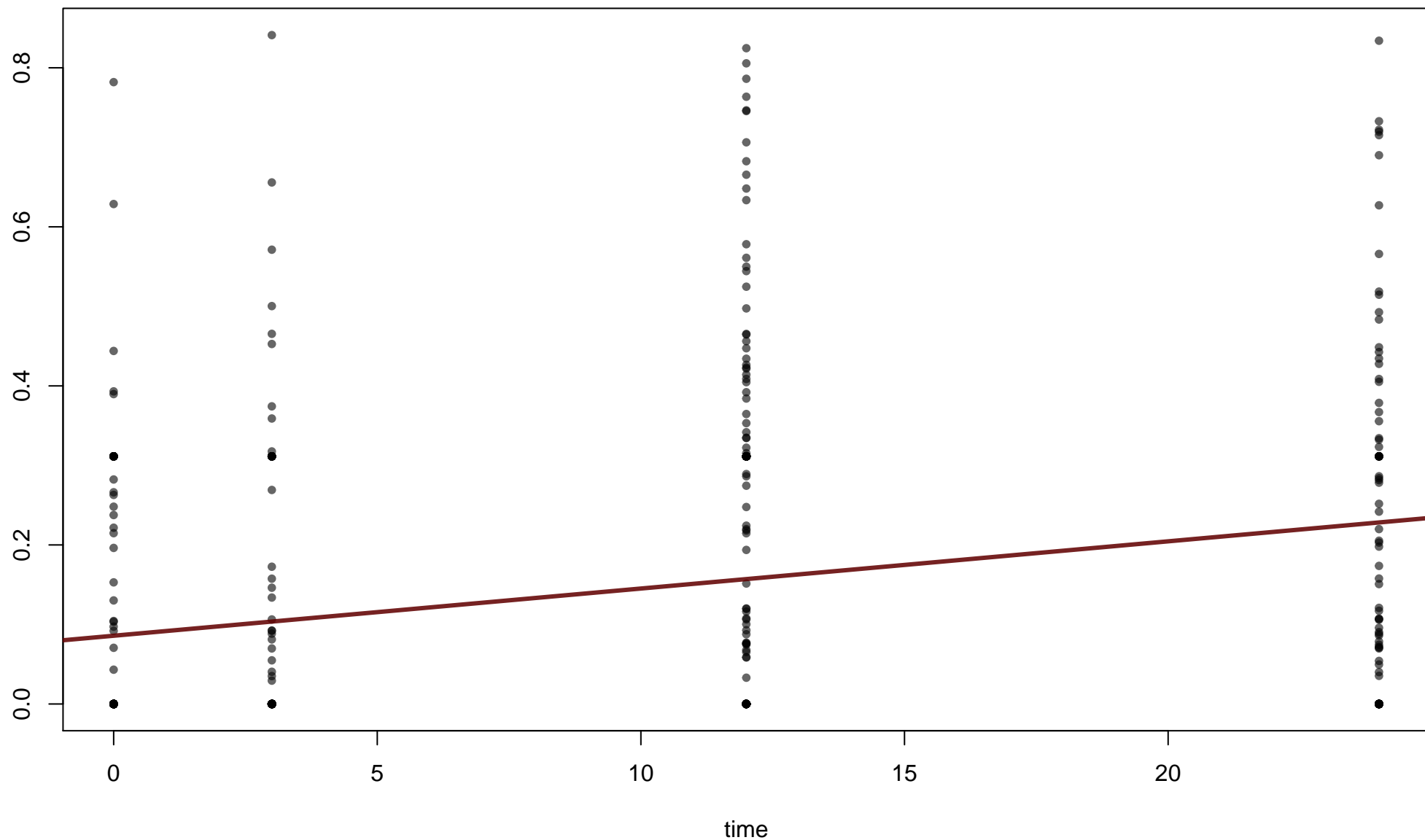


time (0.00406 sd 0.000662, p=2.5e-09, q=3.87e-08)



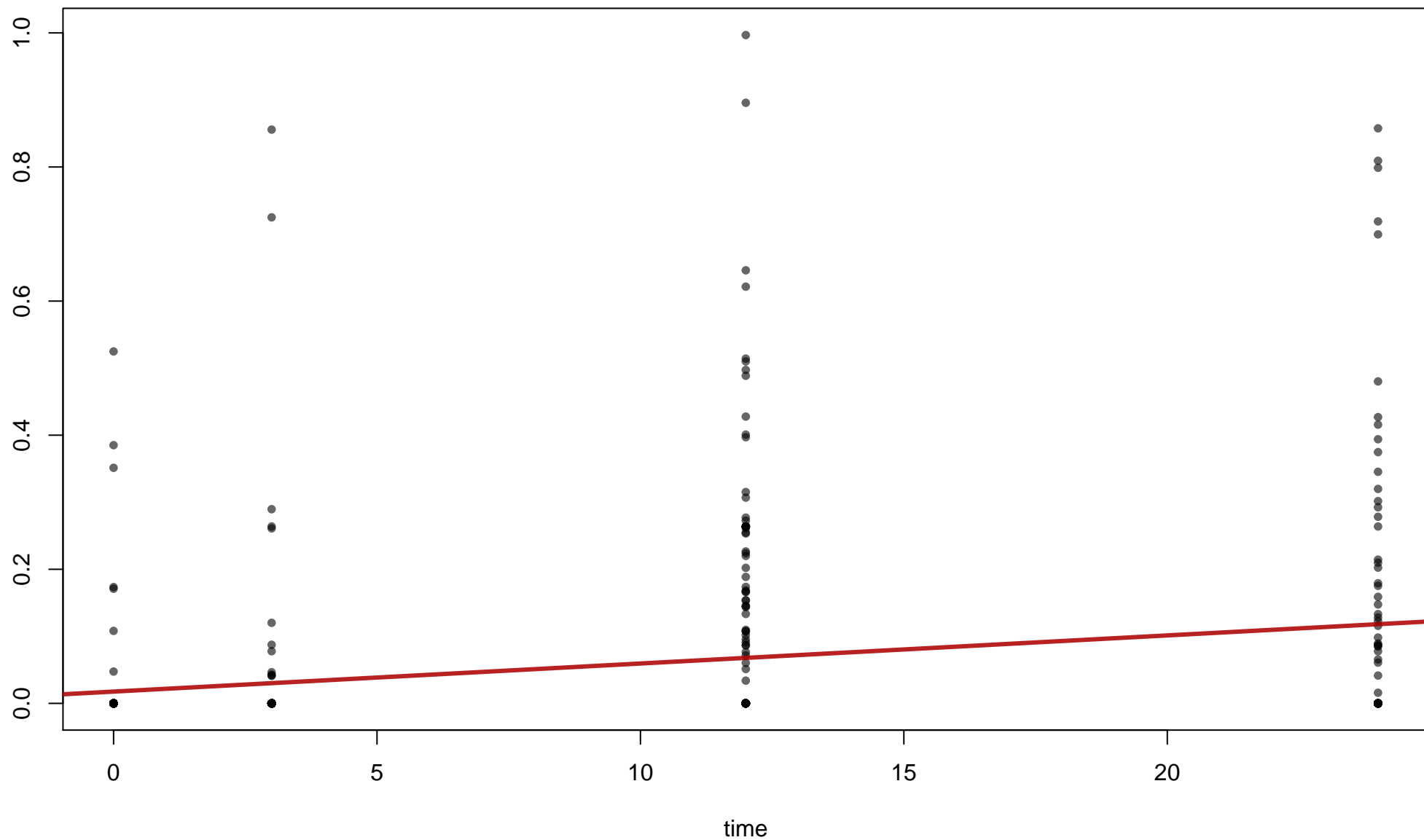
time (0.00554 sd 0.000905, p=2.74e-09, q=4.22e-08)

k__Bacteria_p__Bacteroidetes_c__Bacteroidia_o__Bacteroidales_f__Porphyromonadaceae_g__Parabacteroides

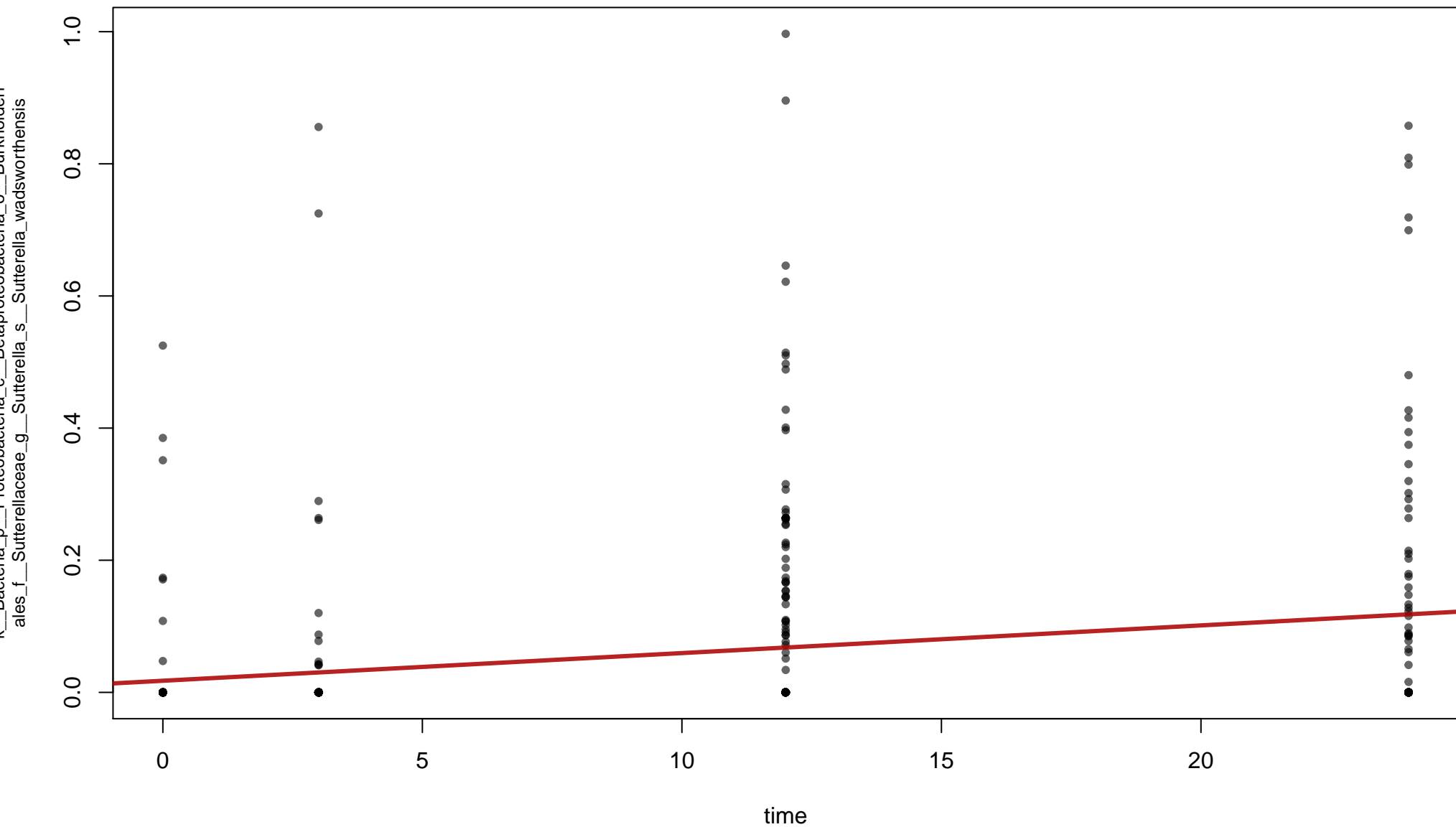


time (0.00416 sd 0.00068, p=2.83e-09, q=4.32e-08)

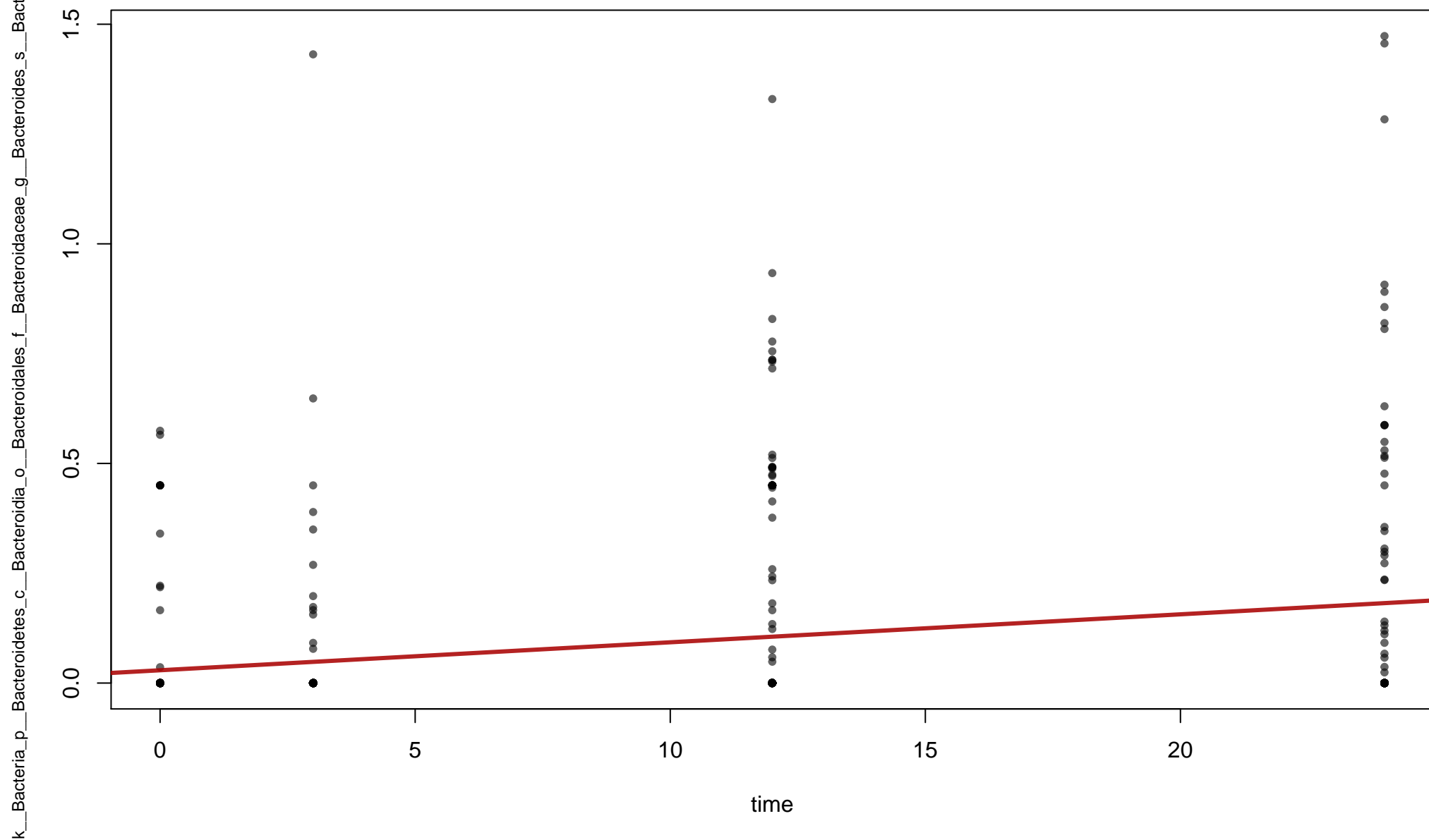
k_Bacteria_p__Proteobacteria_c__Betaproteobacteria_o__Burkholderiales_f__Sutterellaceae_g__Sutterella



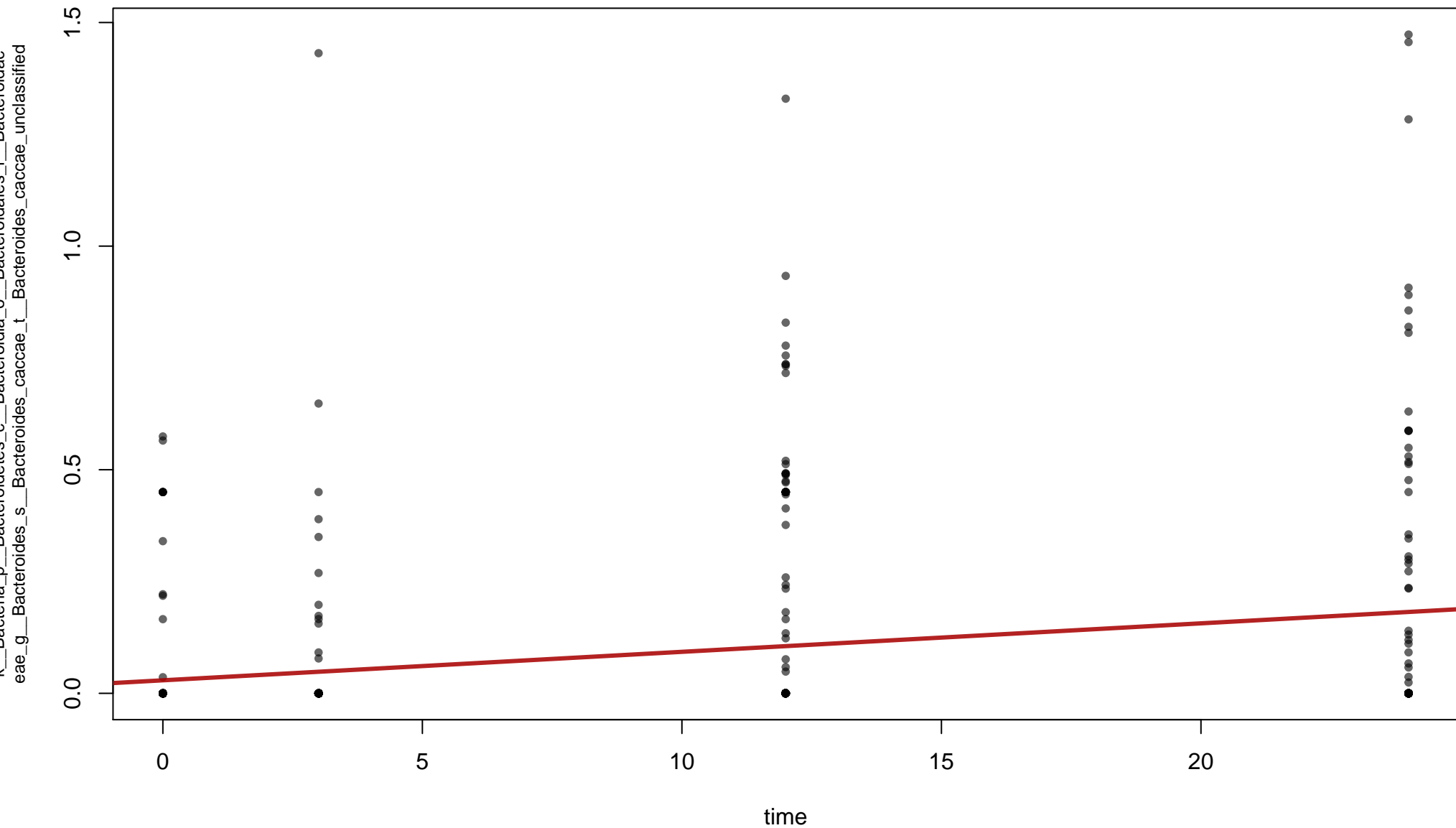
time (0.00416 sd 0.00068, p=2.83e-09, q=4.32e-08)



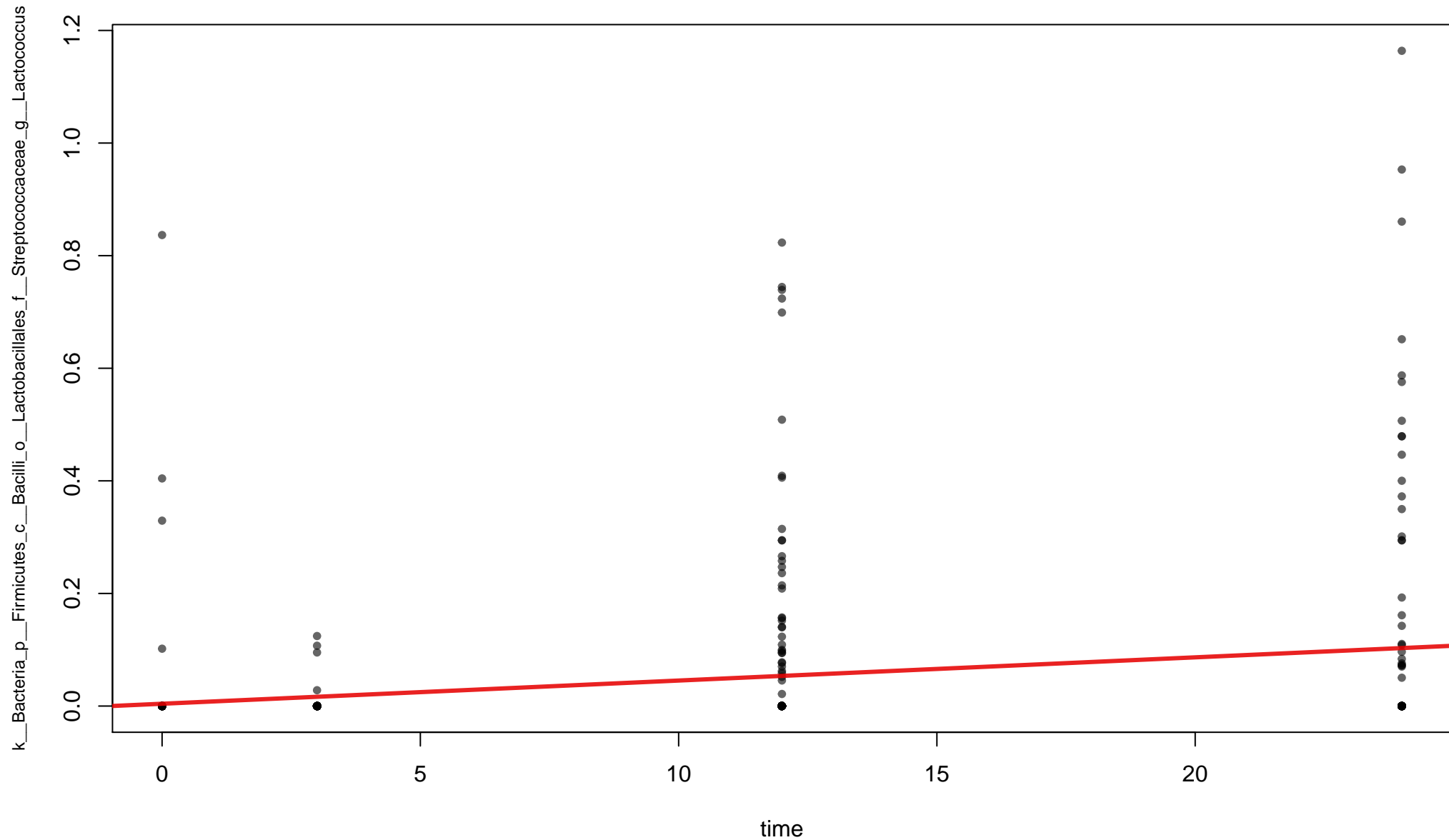
time (0.00623 sd 0.00103, p=4.28e-09, q=6.45e-08)



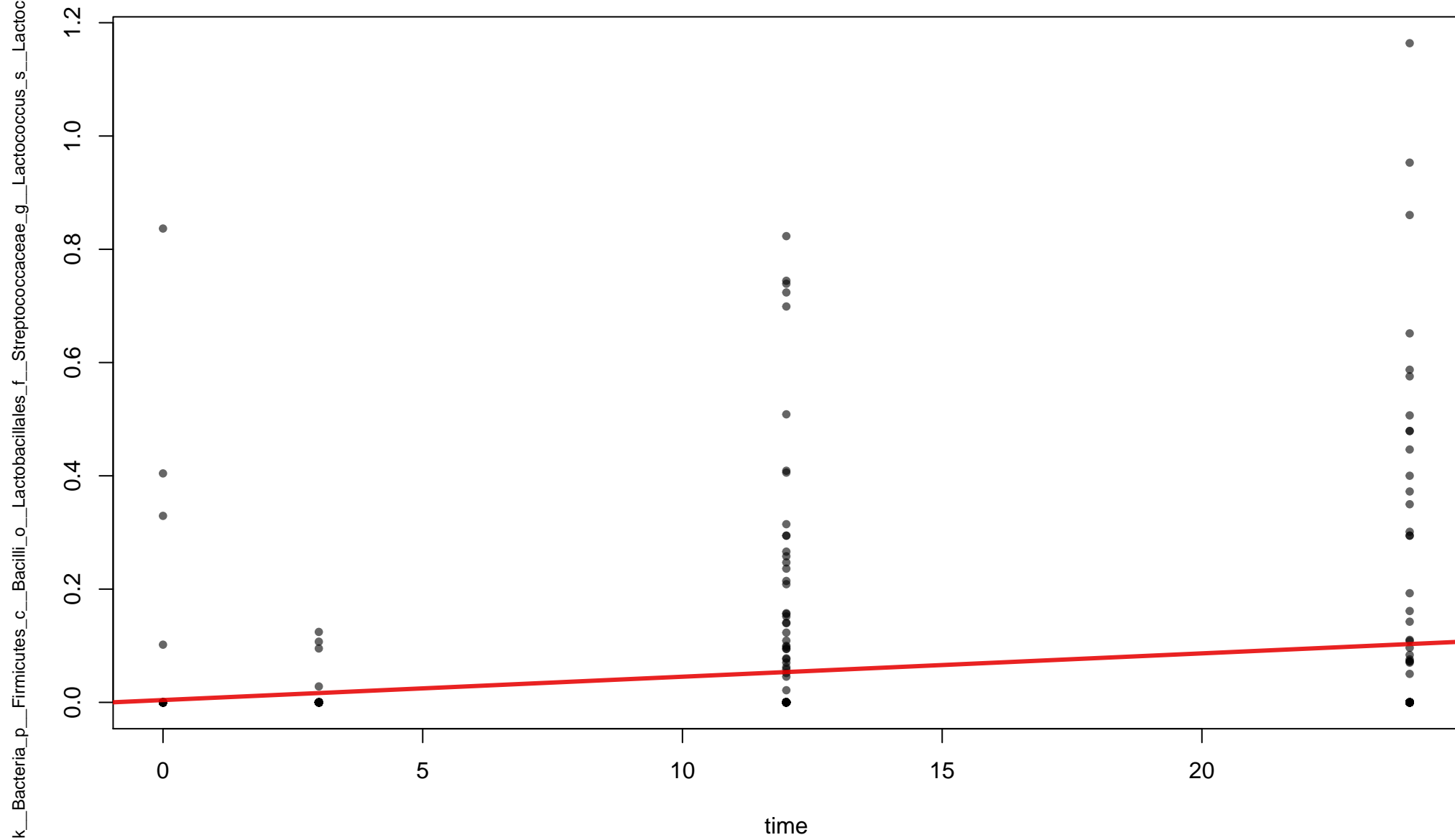
time (0.00623 sd 0.00103, p=4.28e-09, q=6.45e-08)



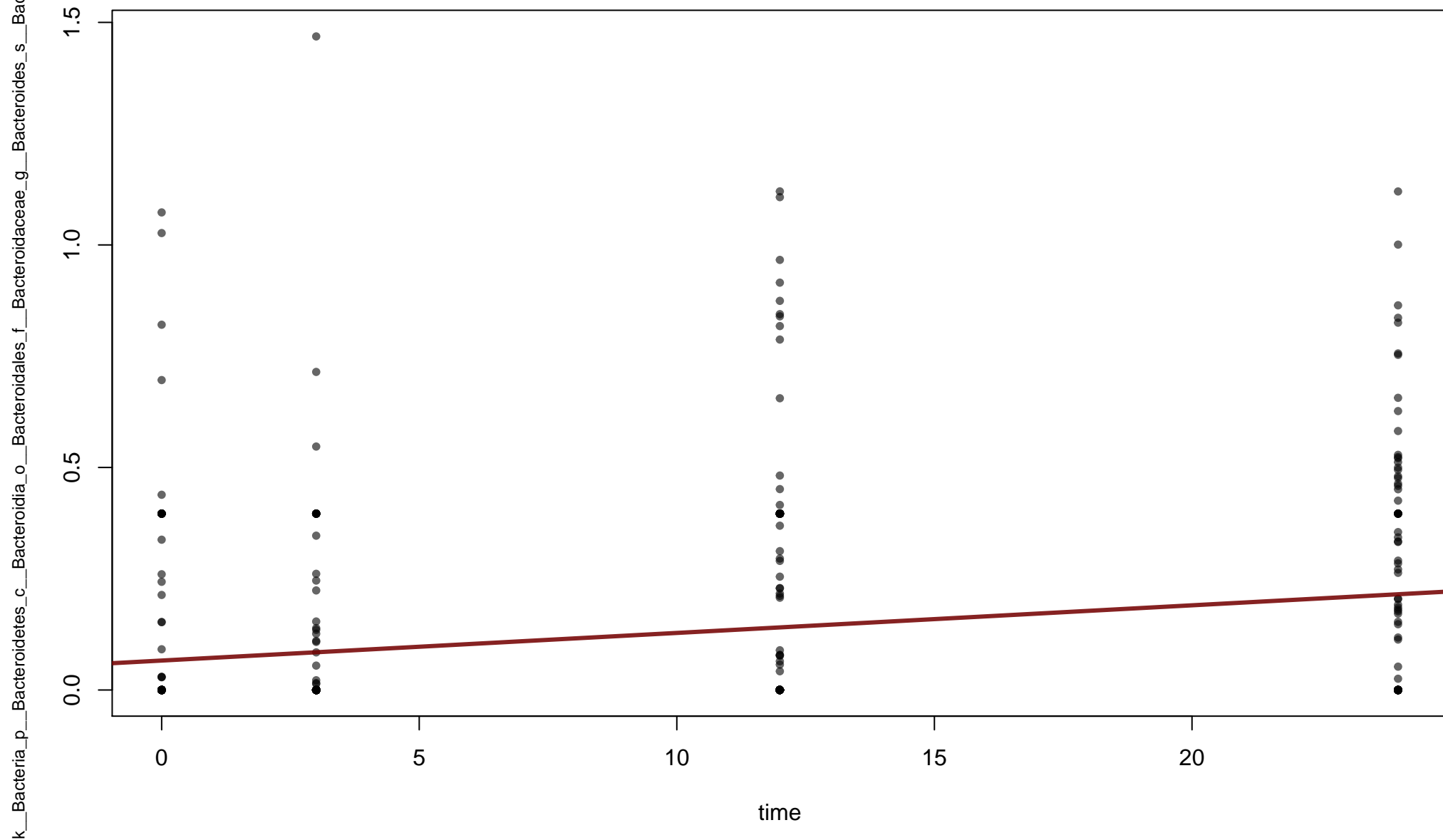
time (0.00411 sd 0.000686, p=5.48e-09, q=8.19e-08)



time (0.00411 sd 0.000686, p=5.48e-09, q=8.19e-08)

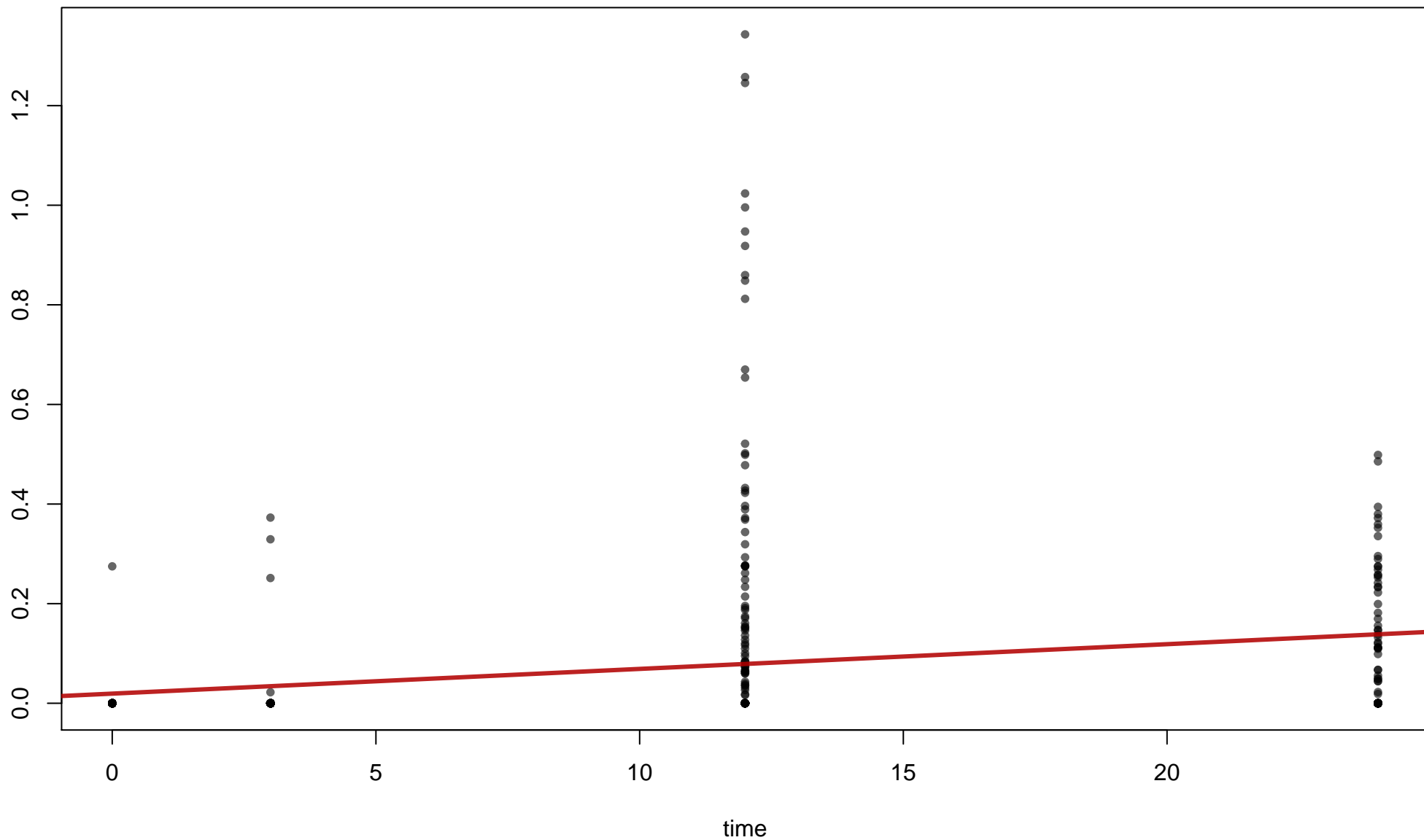


time (0.00625 sd 0.00105, p=7.88e-09, q=1.17e-07)

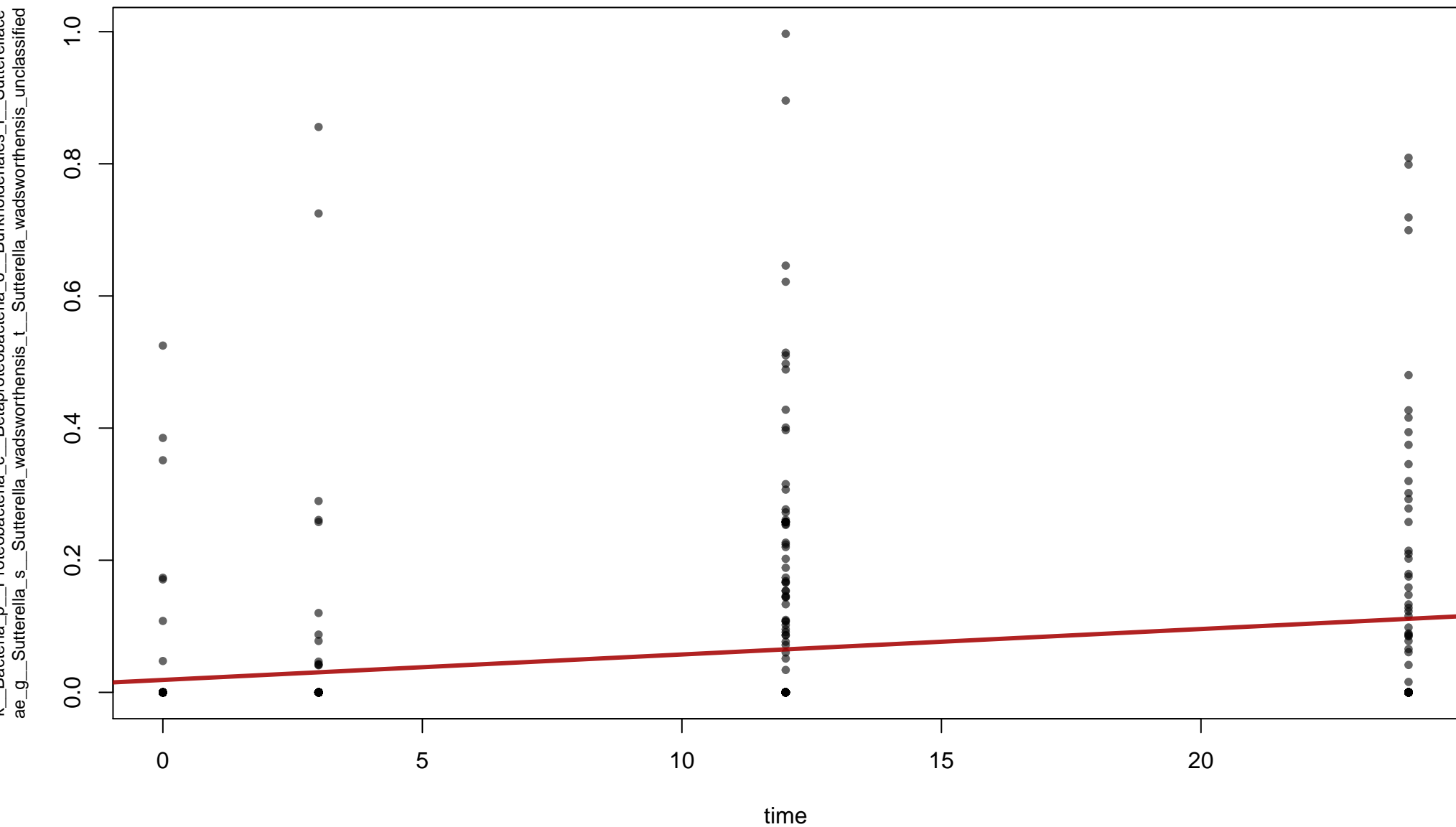


time (0.00496 sd 0.000851, p=1.34e-08, q=1.97e-07)

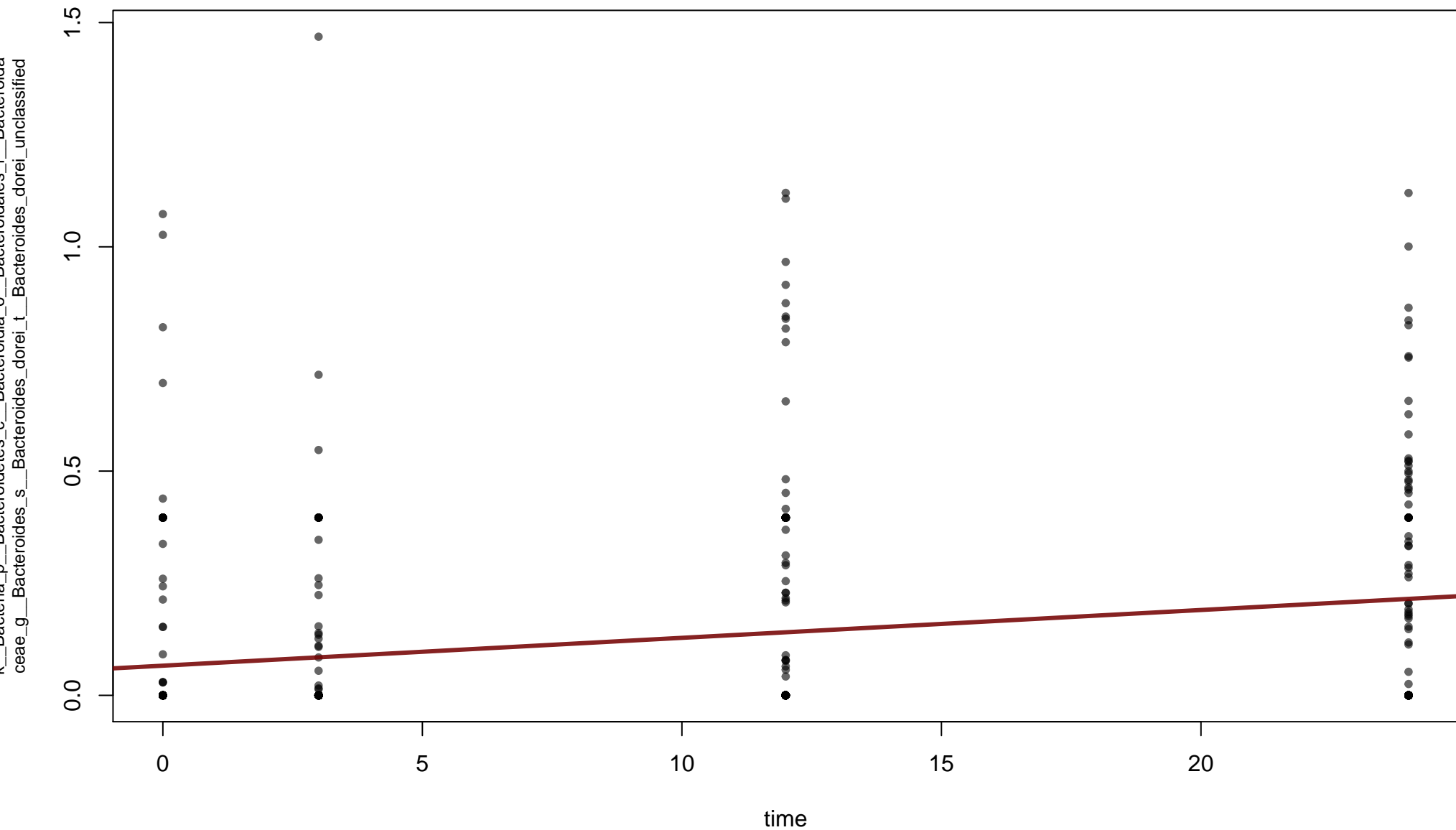
ae_g_Erysipelotrichaceae_noname_s_Erysipelotrichaceae_bacterium_21_3_t_GCF_000242195



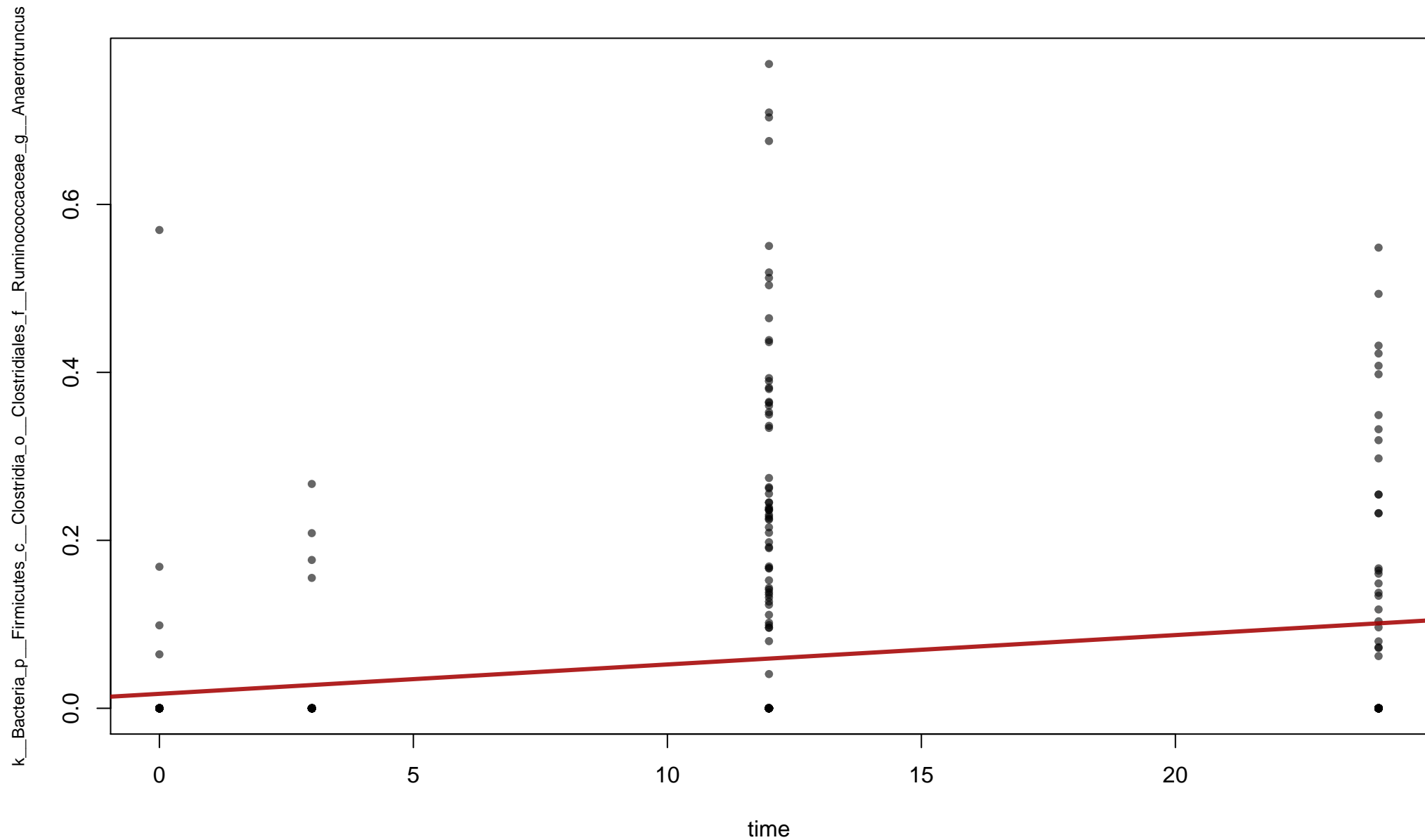
time (0.00383 sd 0.000657, p=1.34e-08, q=1.97e-07)



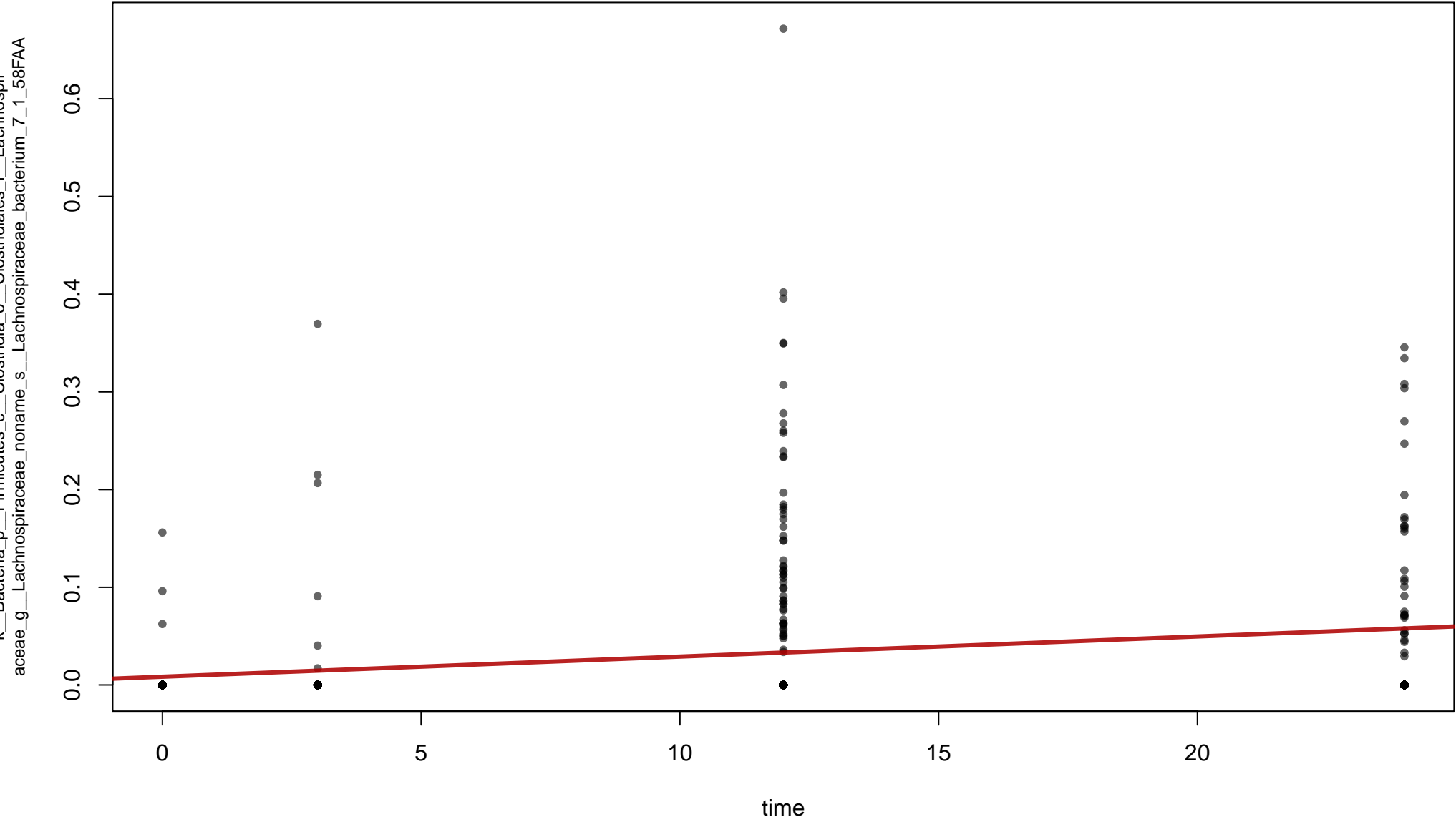
time (0.00615 sd 0.00106, p=1.46e-08, q=2.13e-07)



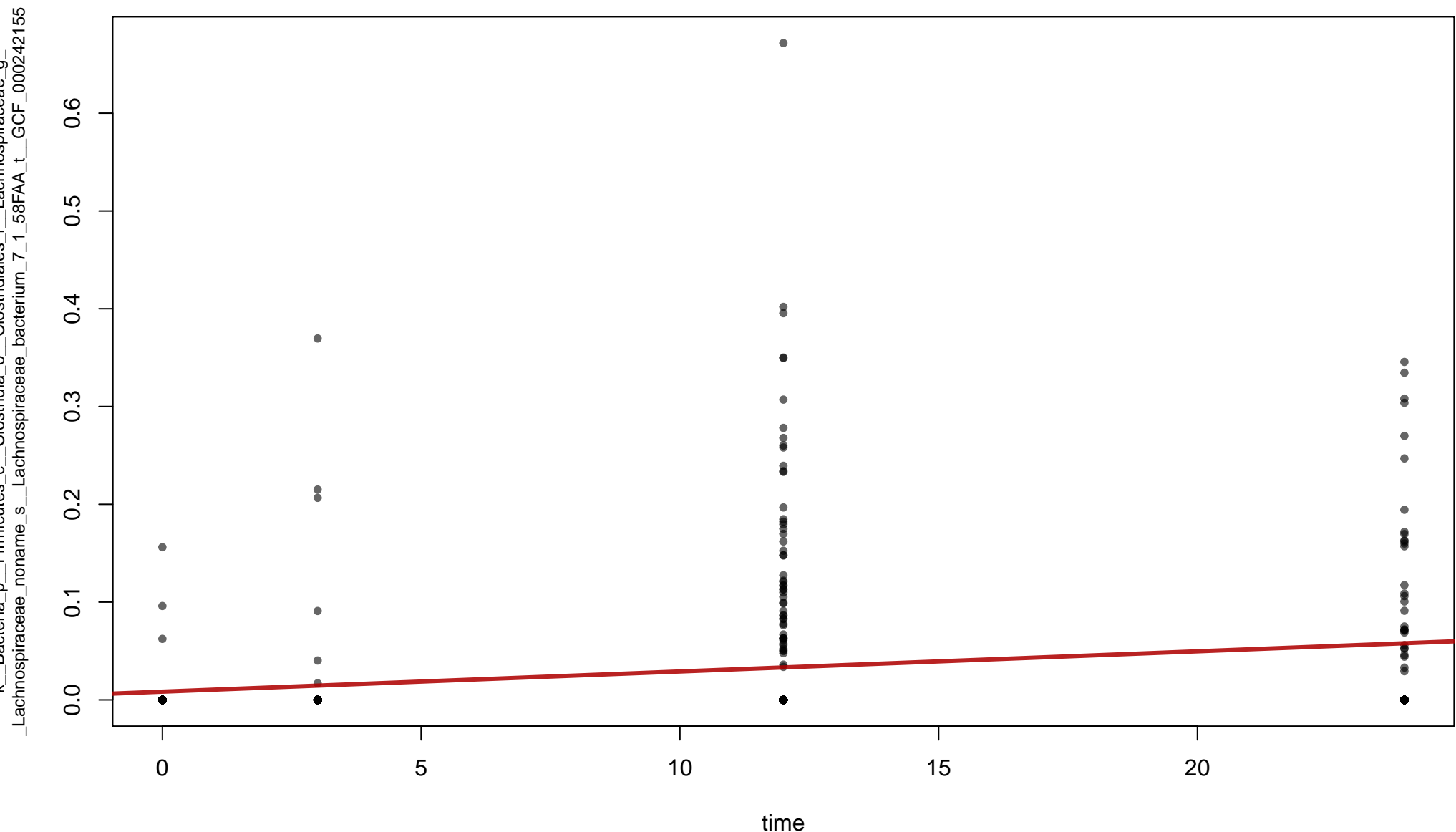
time (0.00351 sd 0.000607, p=1.79e-08, q=2.6e-07)



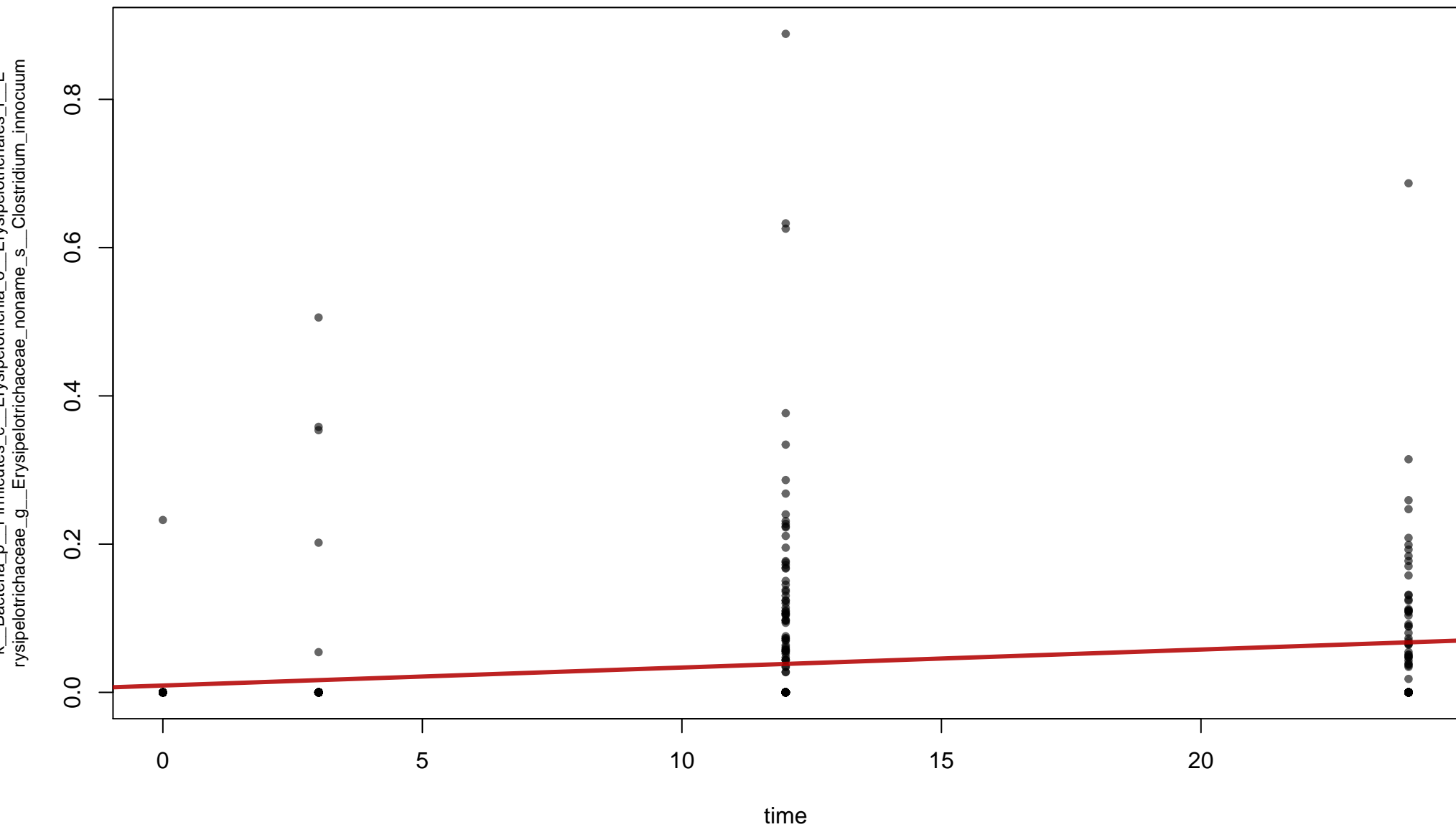
time (0.00206 sd 0.000363, p=3.2e-08, q=4.6e-07)



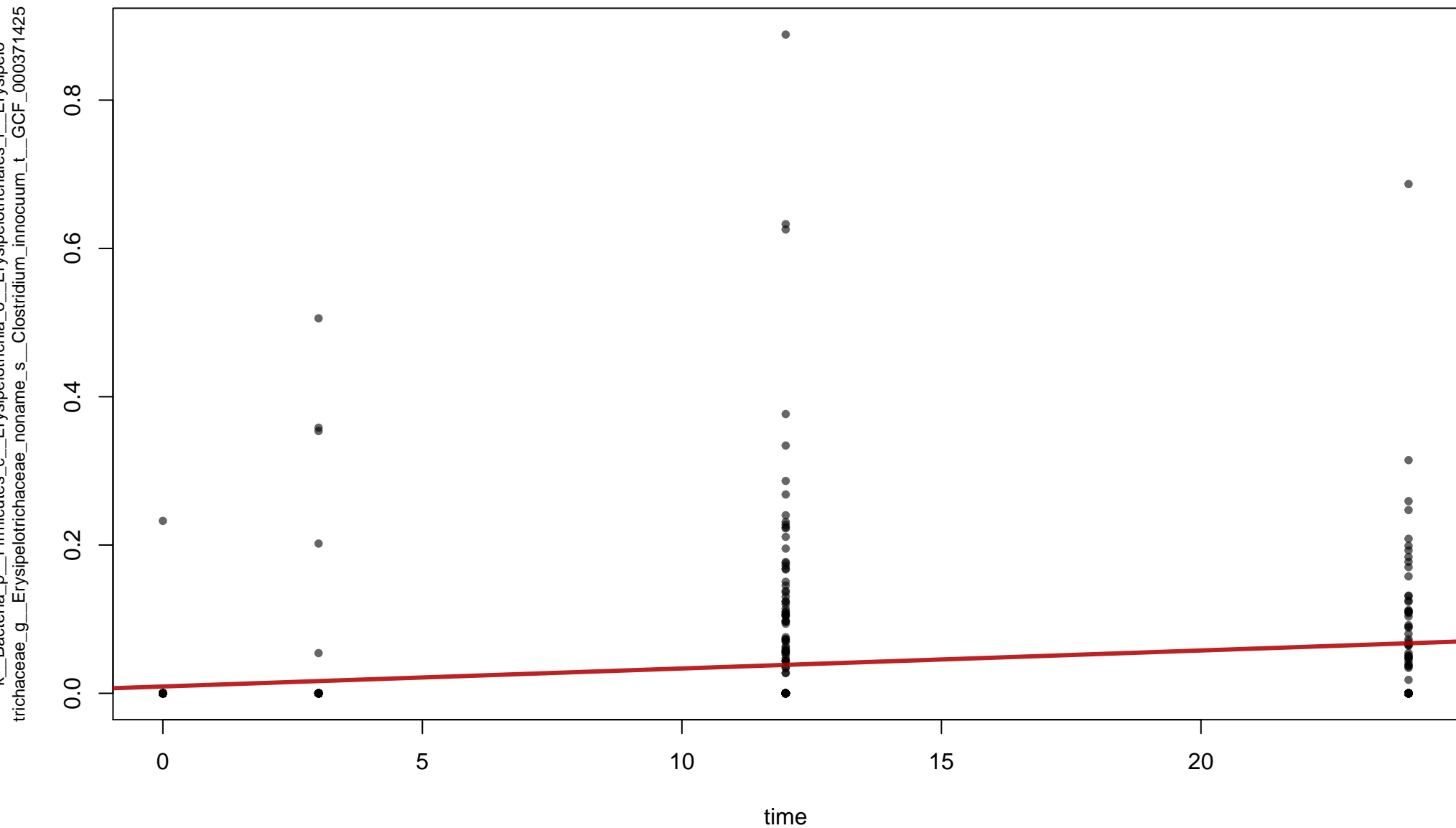
time (0.00206 sd 0.000363, p=3.2e-08, q=4.6e-07)



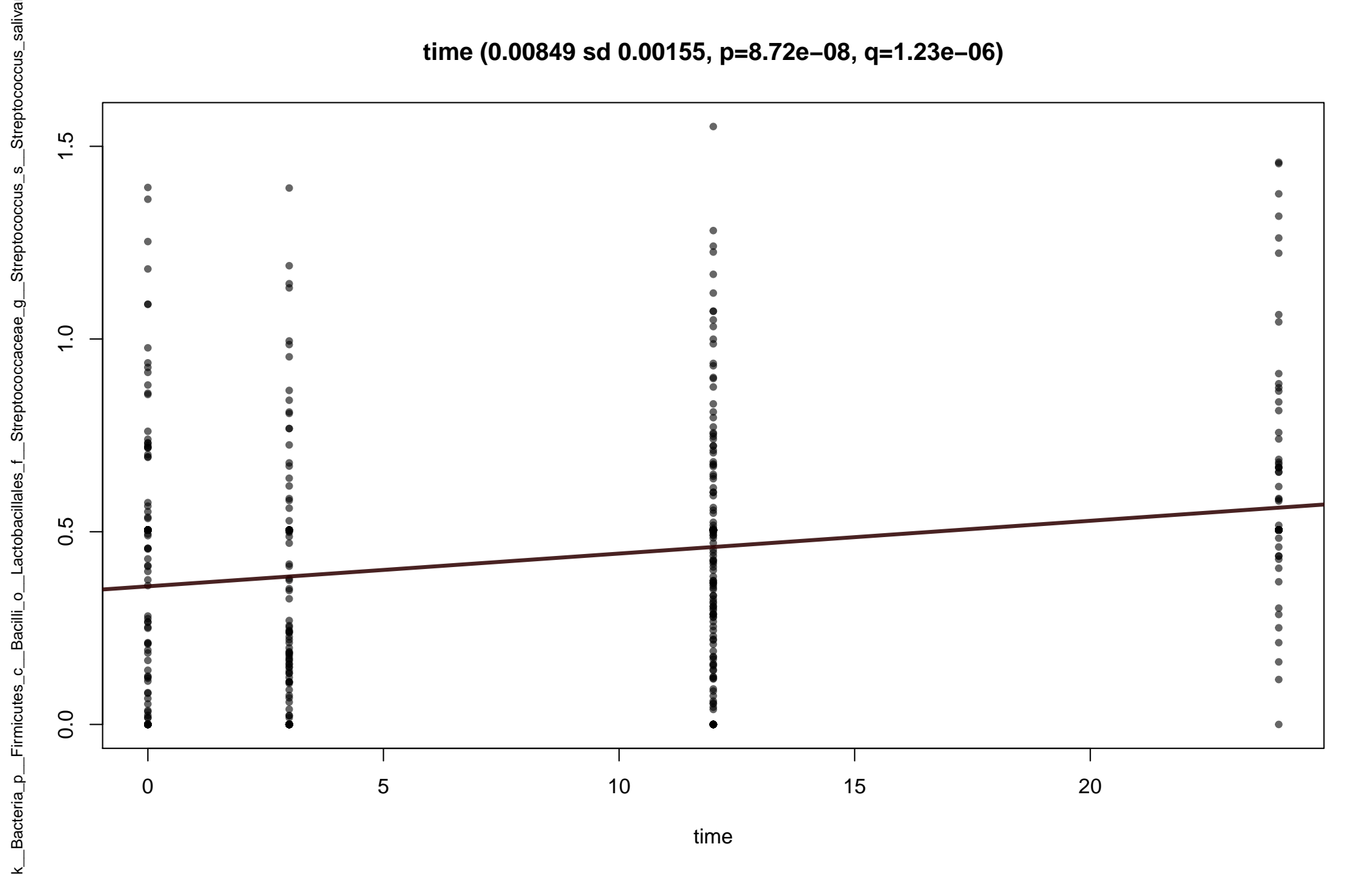
time (0.00241 sd 0.000425, p=3.32e-08, q=4.73e-07)



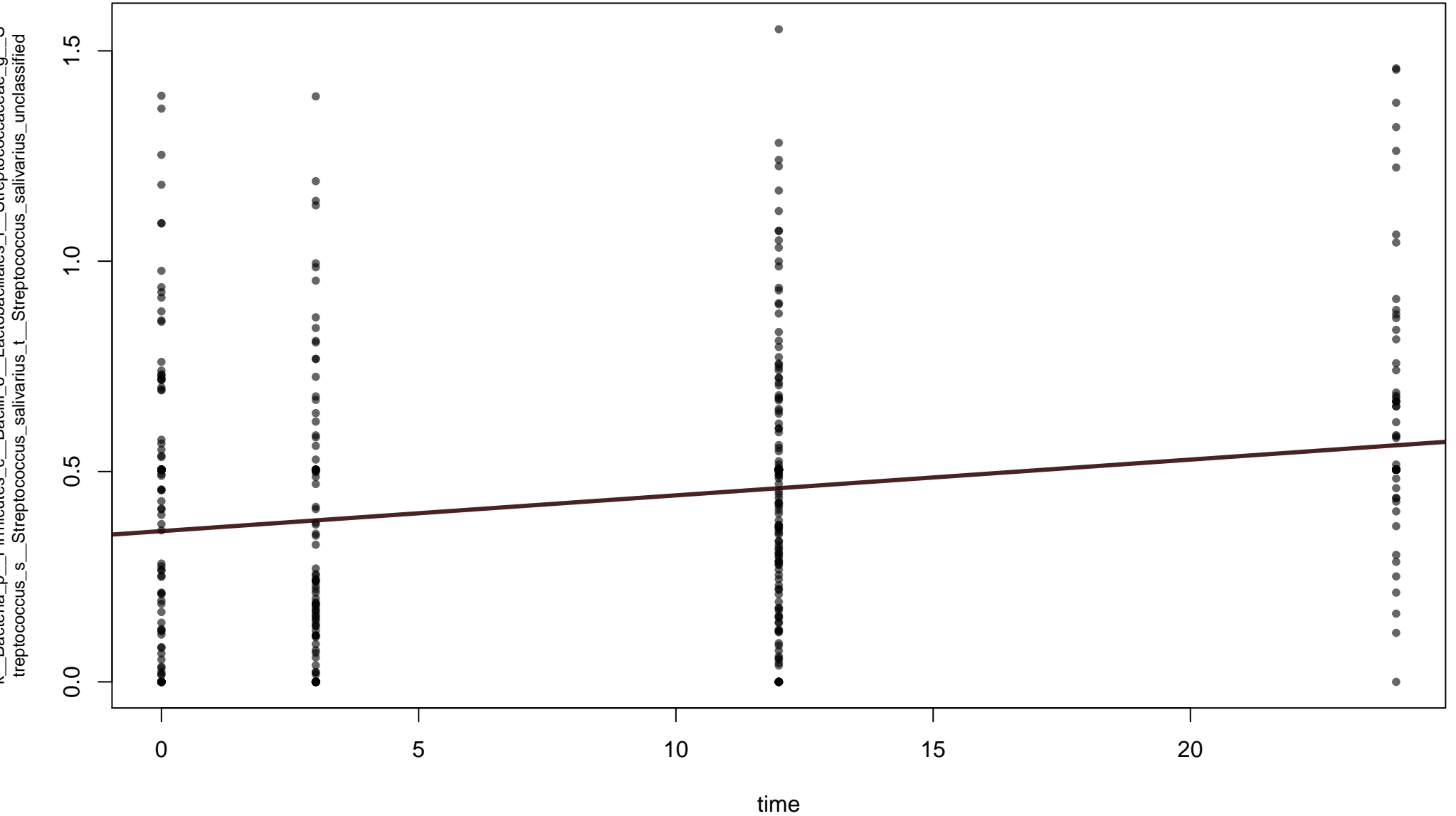
time (0.00241 sd 0.000425, p=3.32e-08, q=4.73e-07)



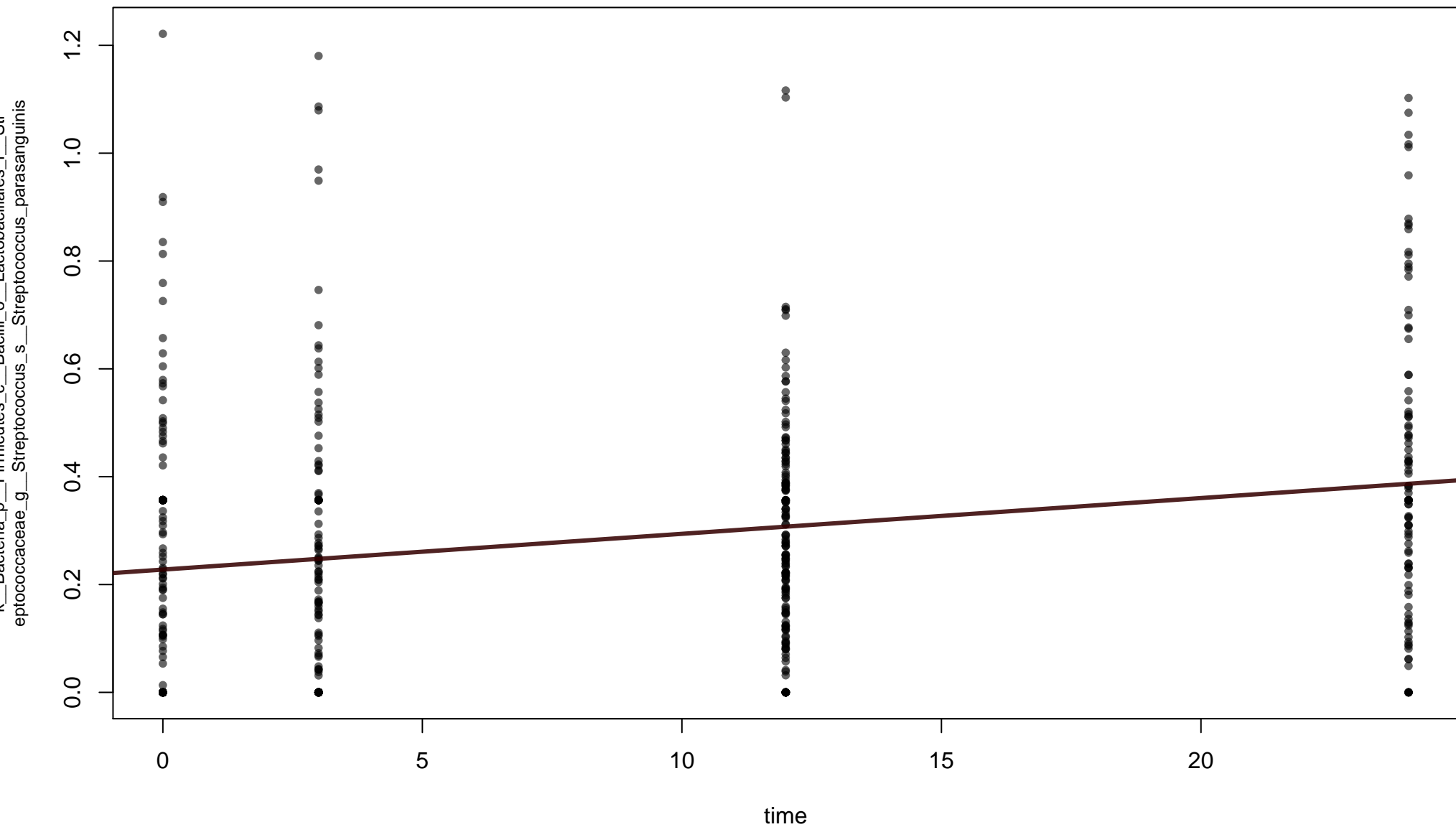
time (0.00849 sd 0.00155, p=8.72e-08, q=1.23e-06)



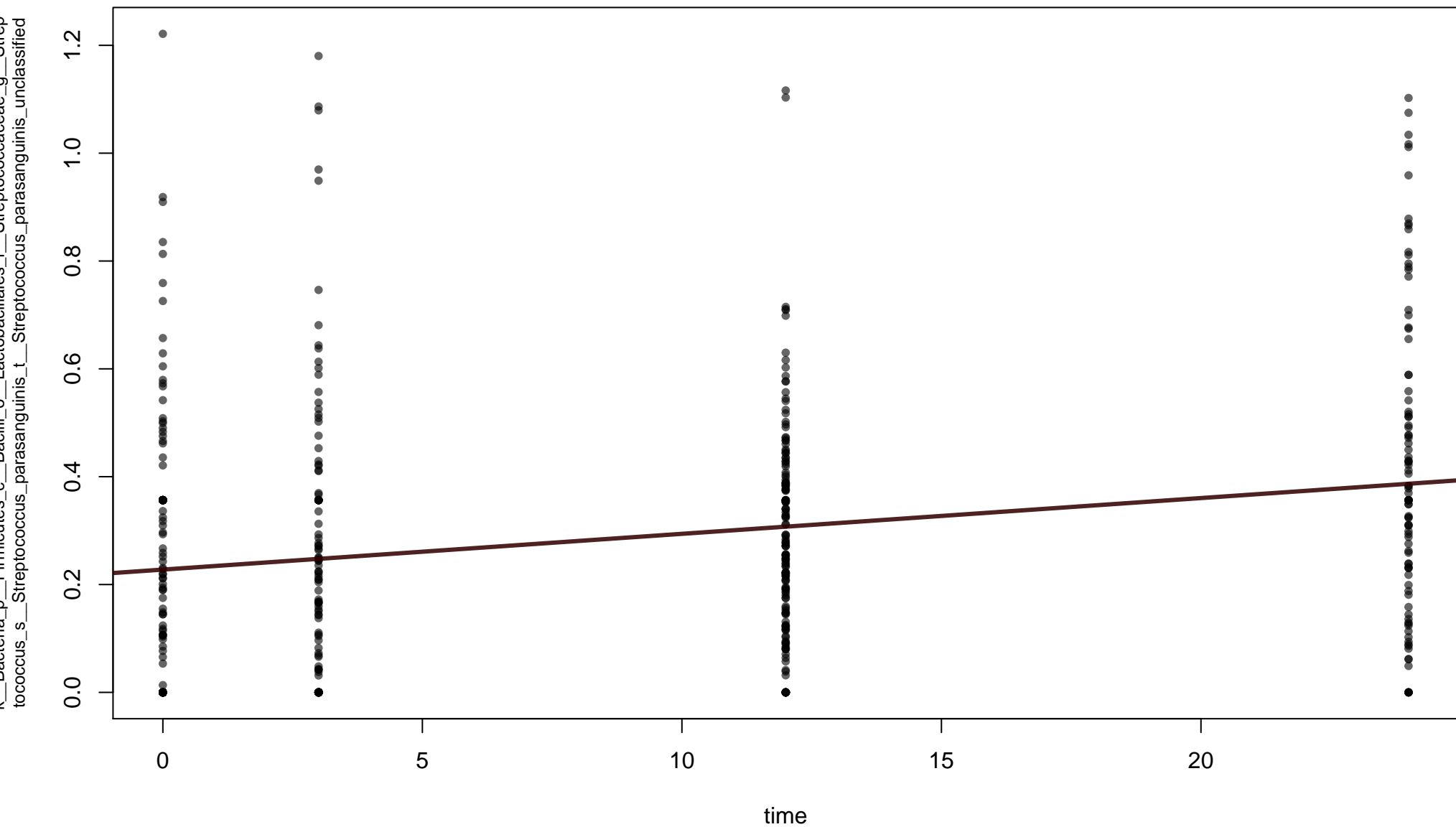
time (0.00849 sd 0.00155, p=8.72e-08, q=1.23e-06)



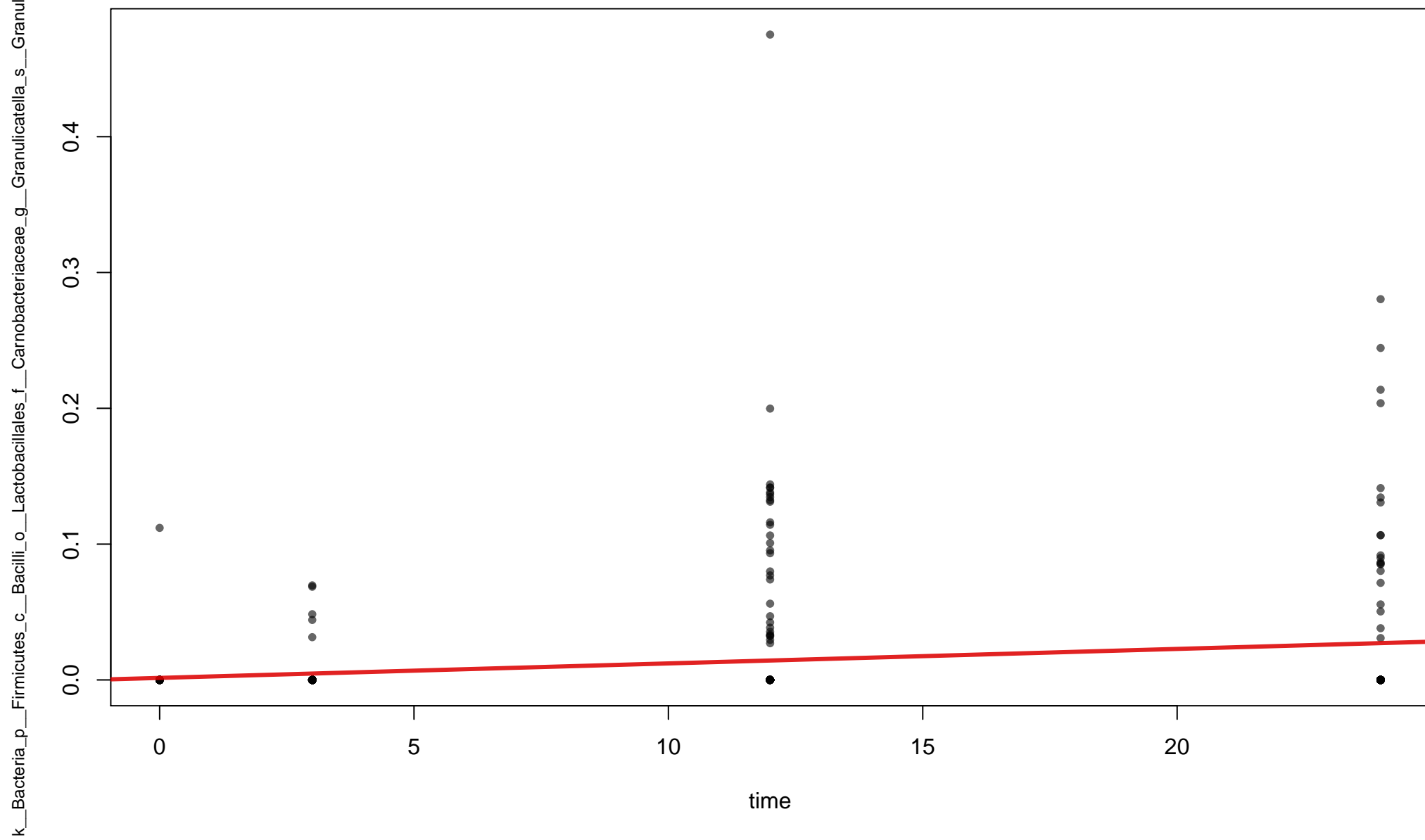
time (0.00657 sd 0.00121, p=1.19e-07, q=1.66e-06)



time (0.00657 sd 0.00121, p=1.19e-07, q=1.66e-06)

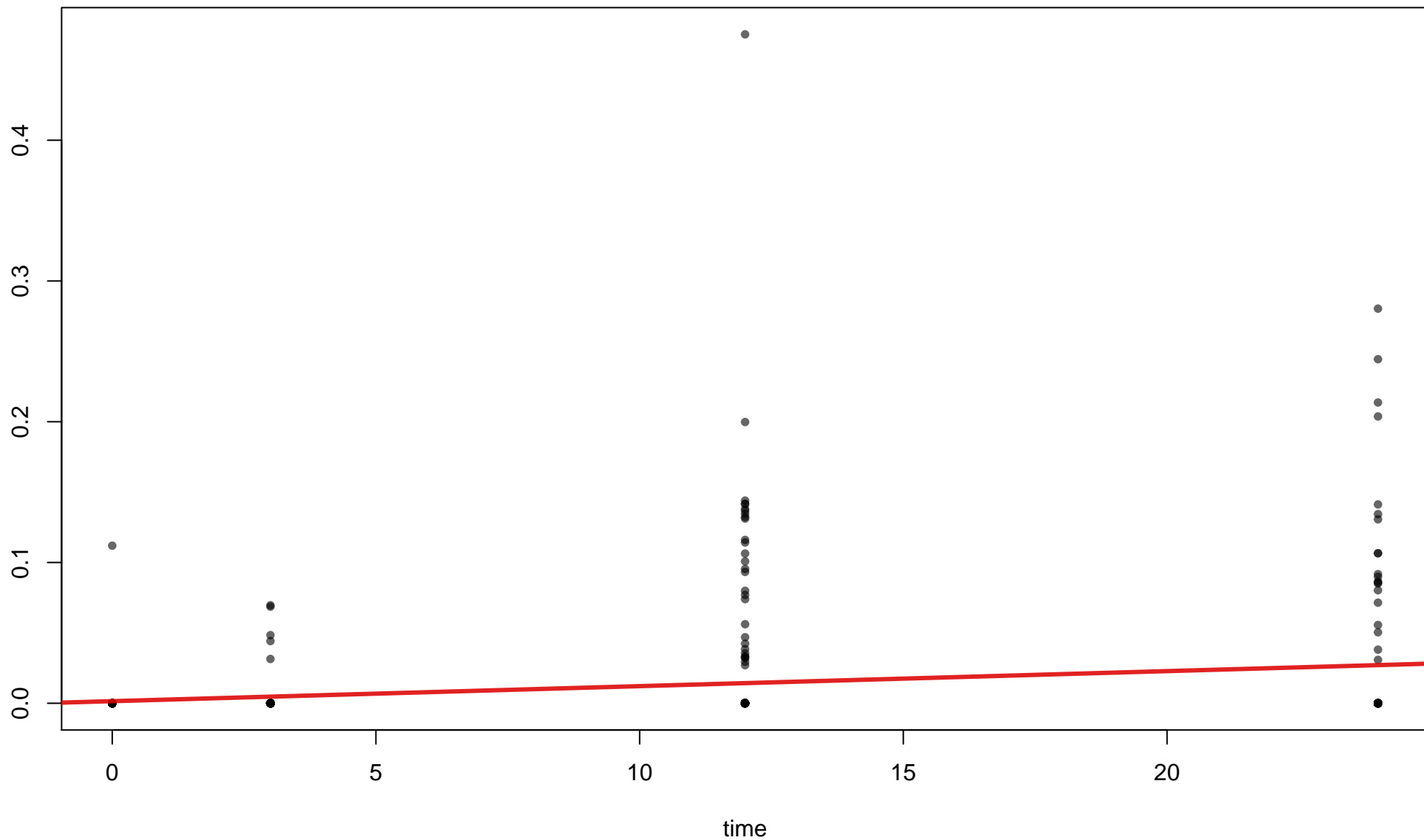


time (0.00106 sd 0.000197, p=1.54e-07, q=2.14e-06)

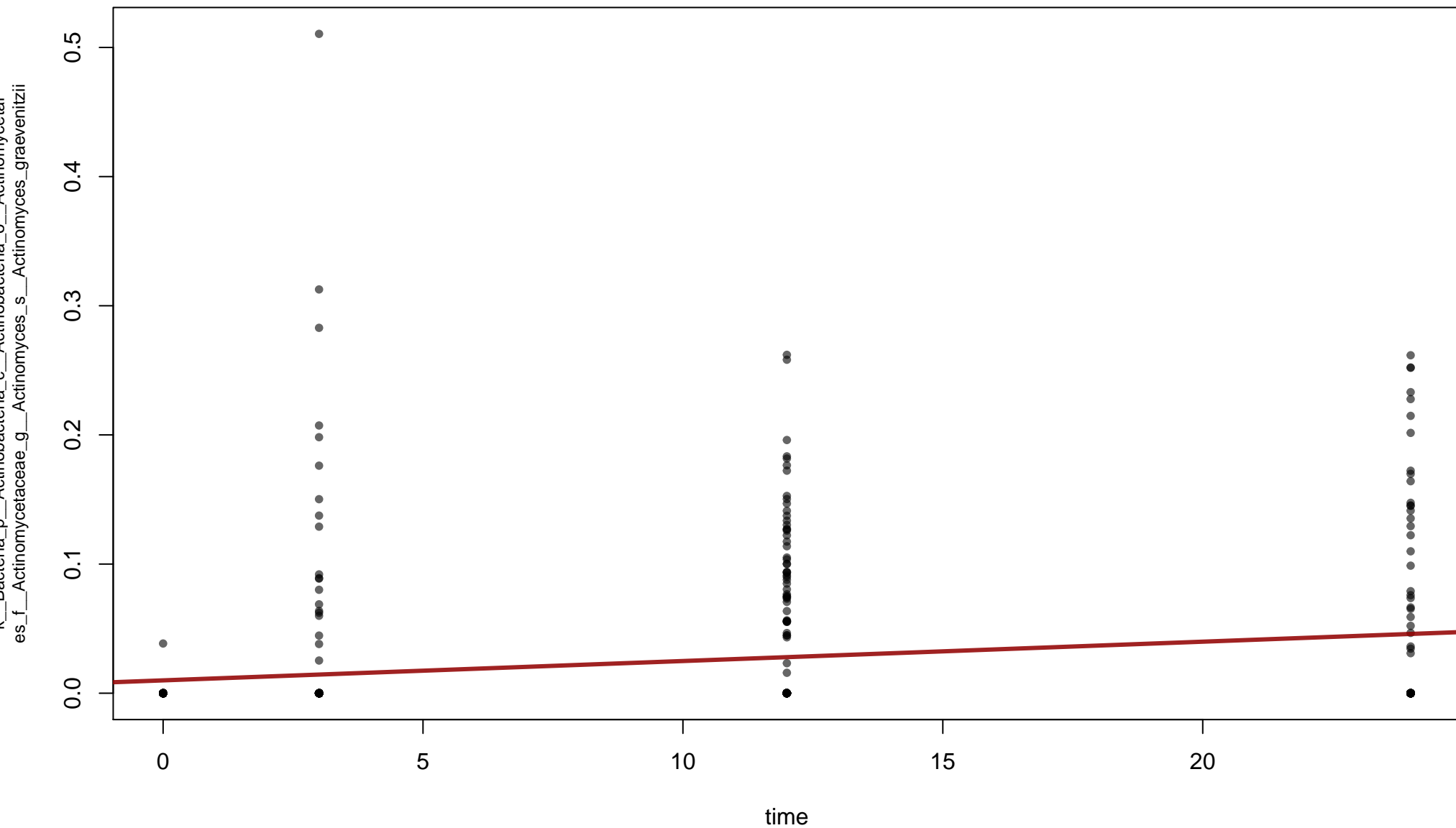


time (0.00106 sd 0.000197, p=1.54e-07, q=2.14e-06)

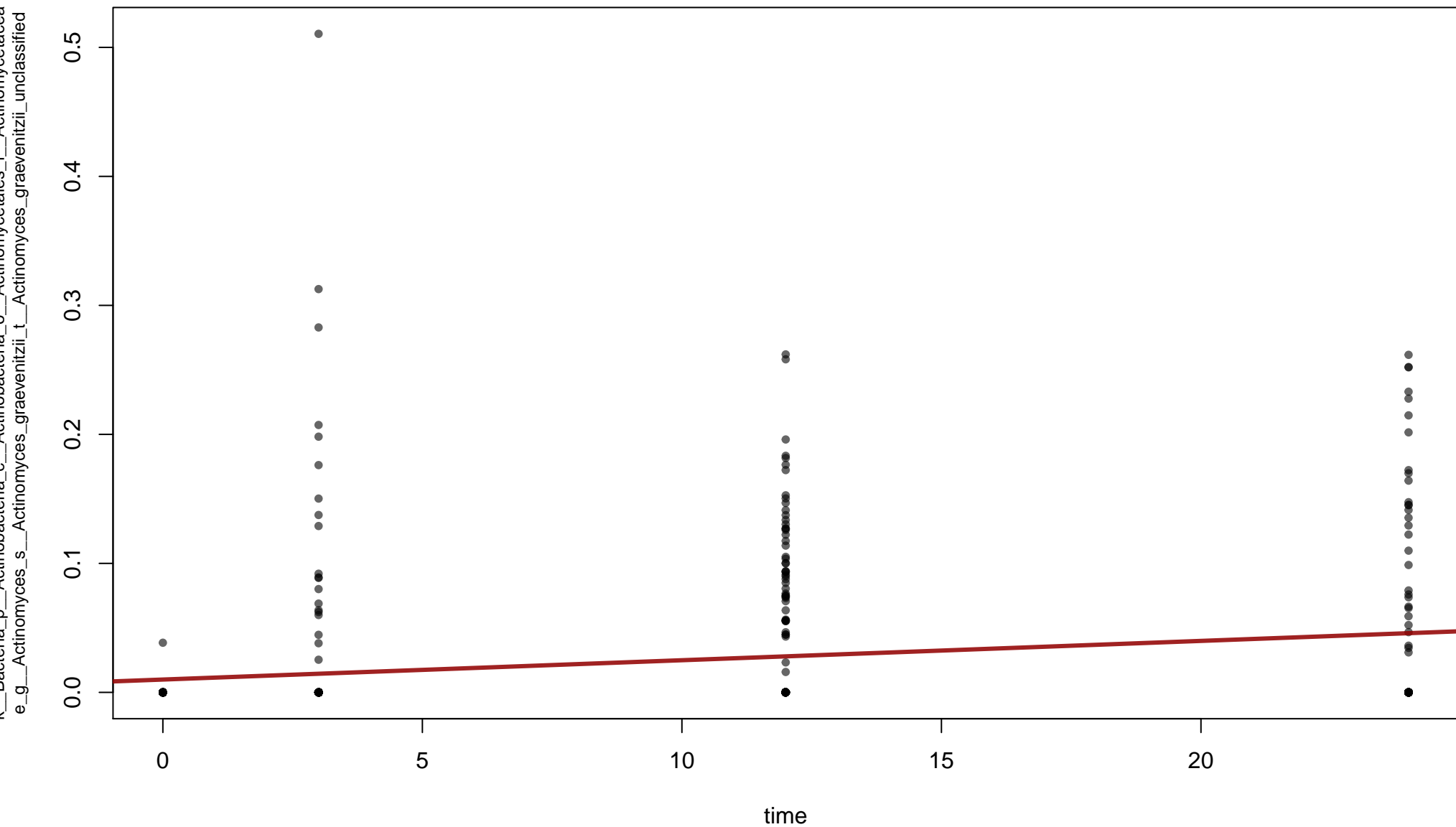
K__Bacteria_p__Firmicutes_c__Bacilli_o__Lactobacillales_f__Lactobacillaceae_g__
Lactobacillus_s__Granulicatella_s__Granulicatella_t__GCF_000162475



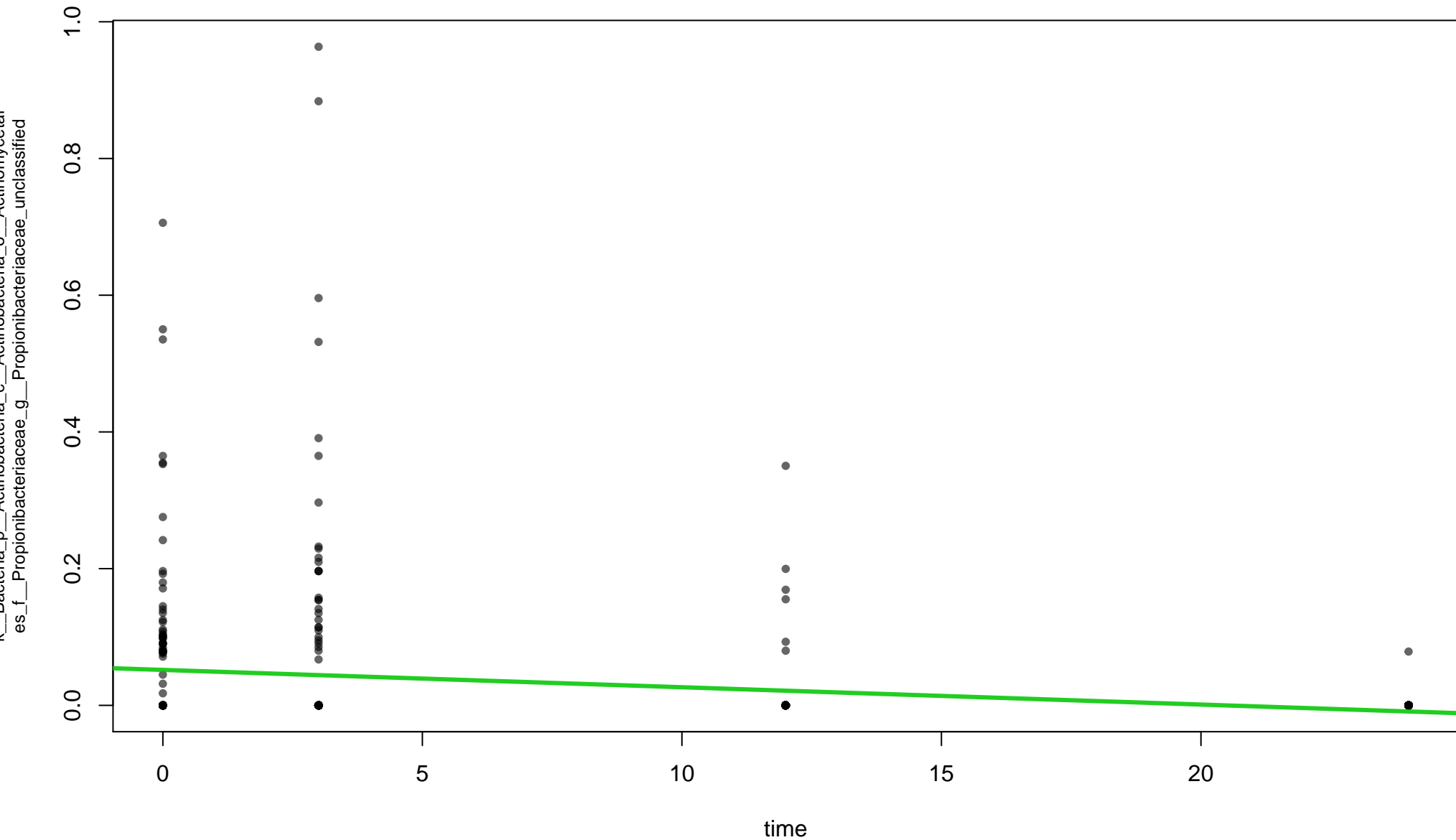
time (0.00148 sd 0.000279, p=2.08e-07, q=2.85e-06)



time (0.00148 sd 0.000279, p=2.08e-07, q=2.85e-06)

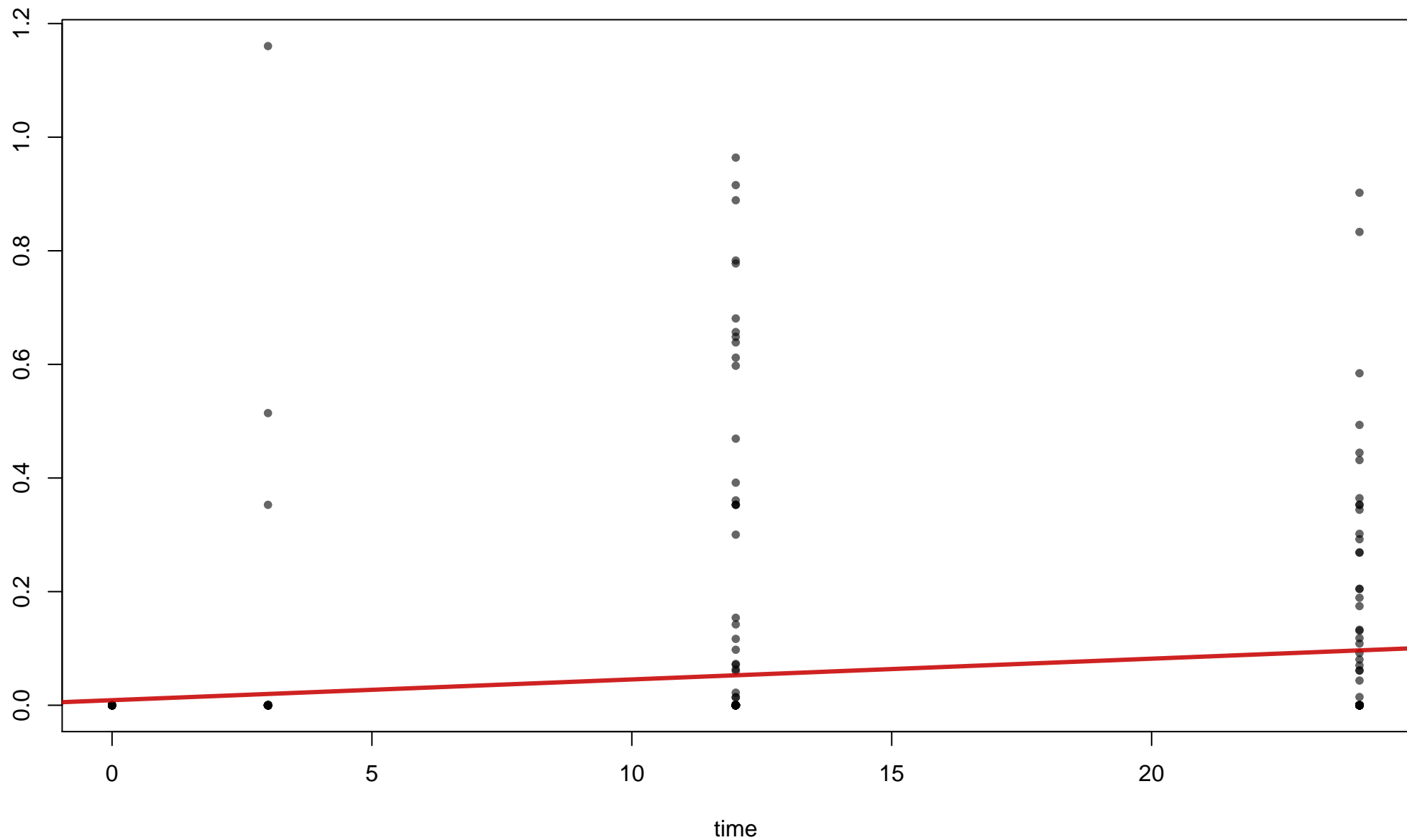


time (-0.00253 sd 0.000488 , $p=3.88e-07$, $q=5.26e-06$)



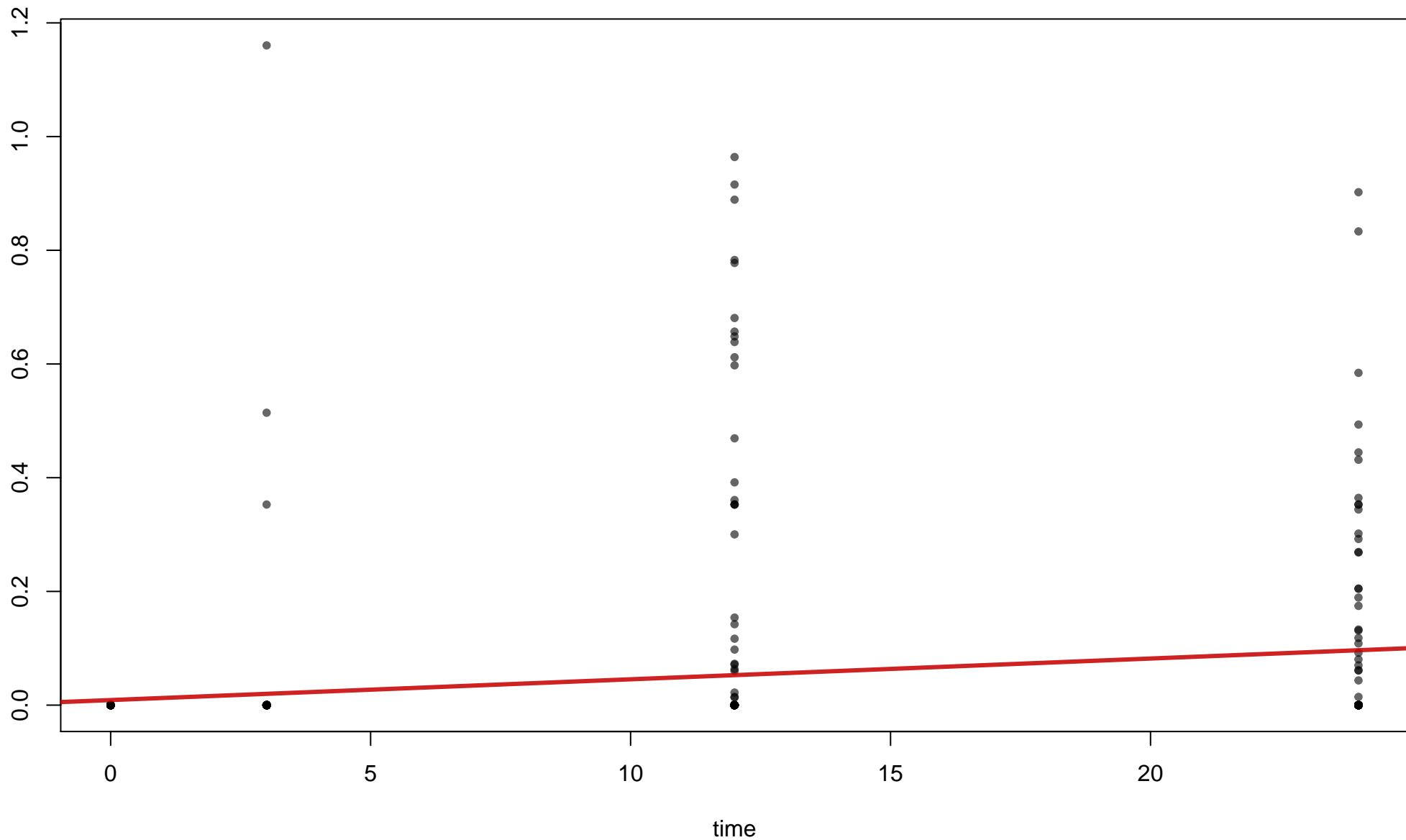
time (0.00372 sd 0.000725, p=5.11e-07, q=6.87e-06)

name_s__Lachnospiraceae_bacterium_3_1_57FAA_CT1

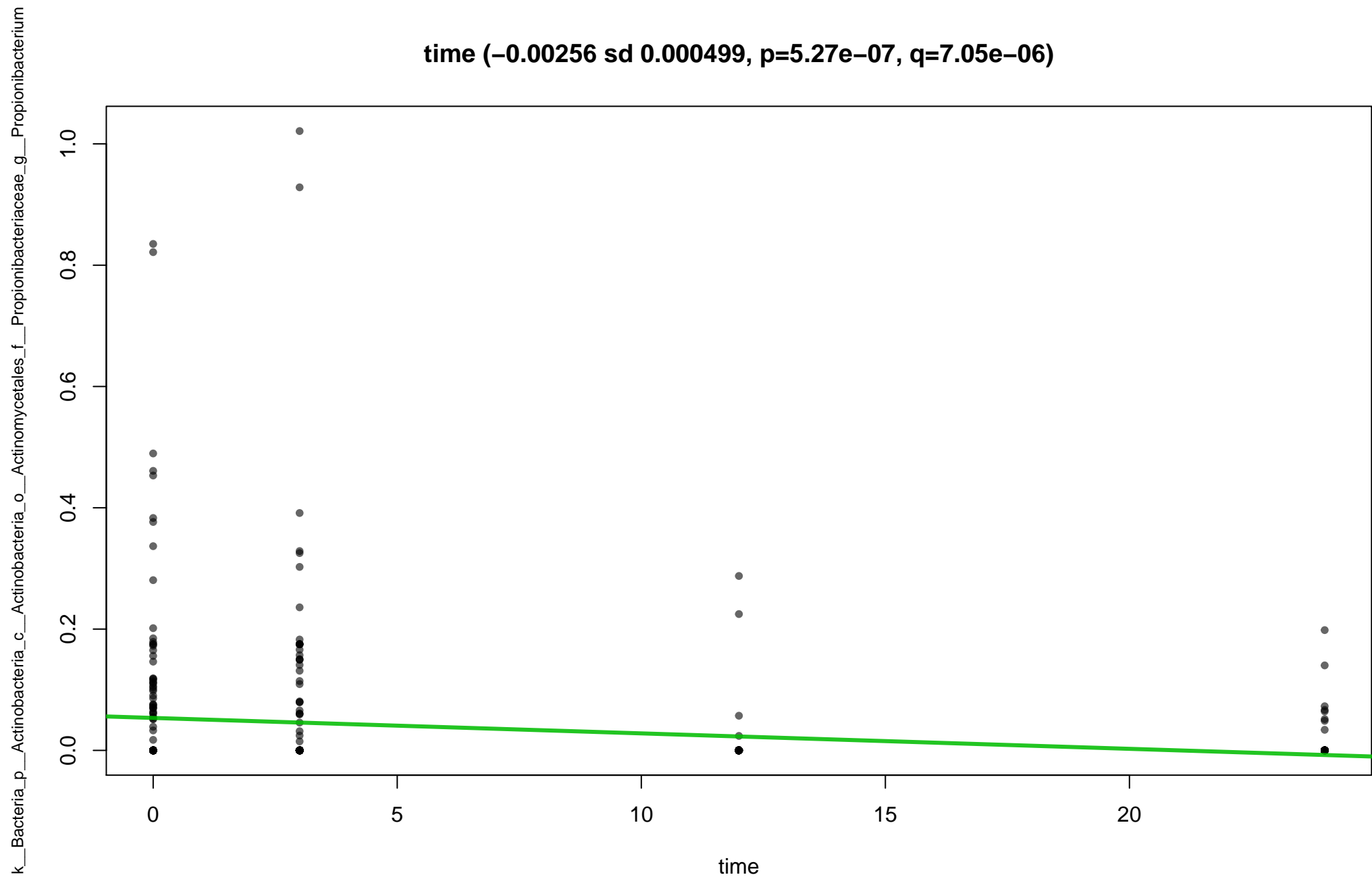


time (0.00372 sd 0.000725, p=5.11e-07, q=6.87e-06)

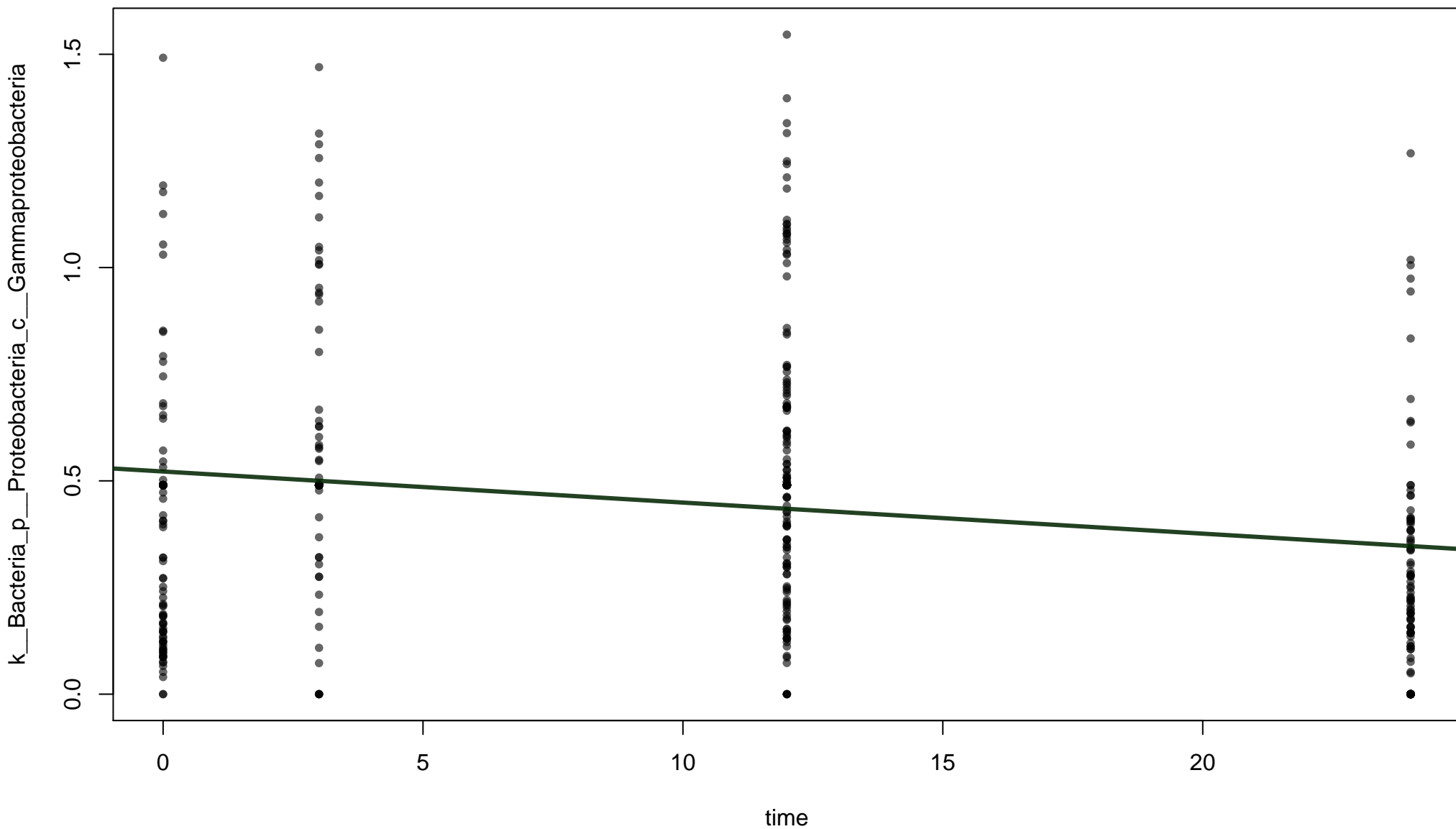
lchnospiraceae_bacterium_3_1_57FAA_CT1_t_GCF_000218405



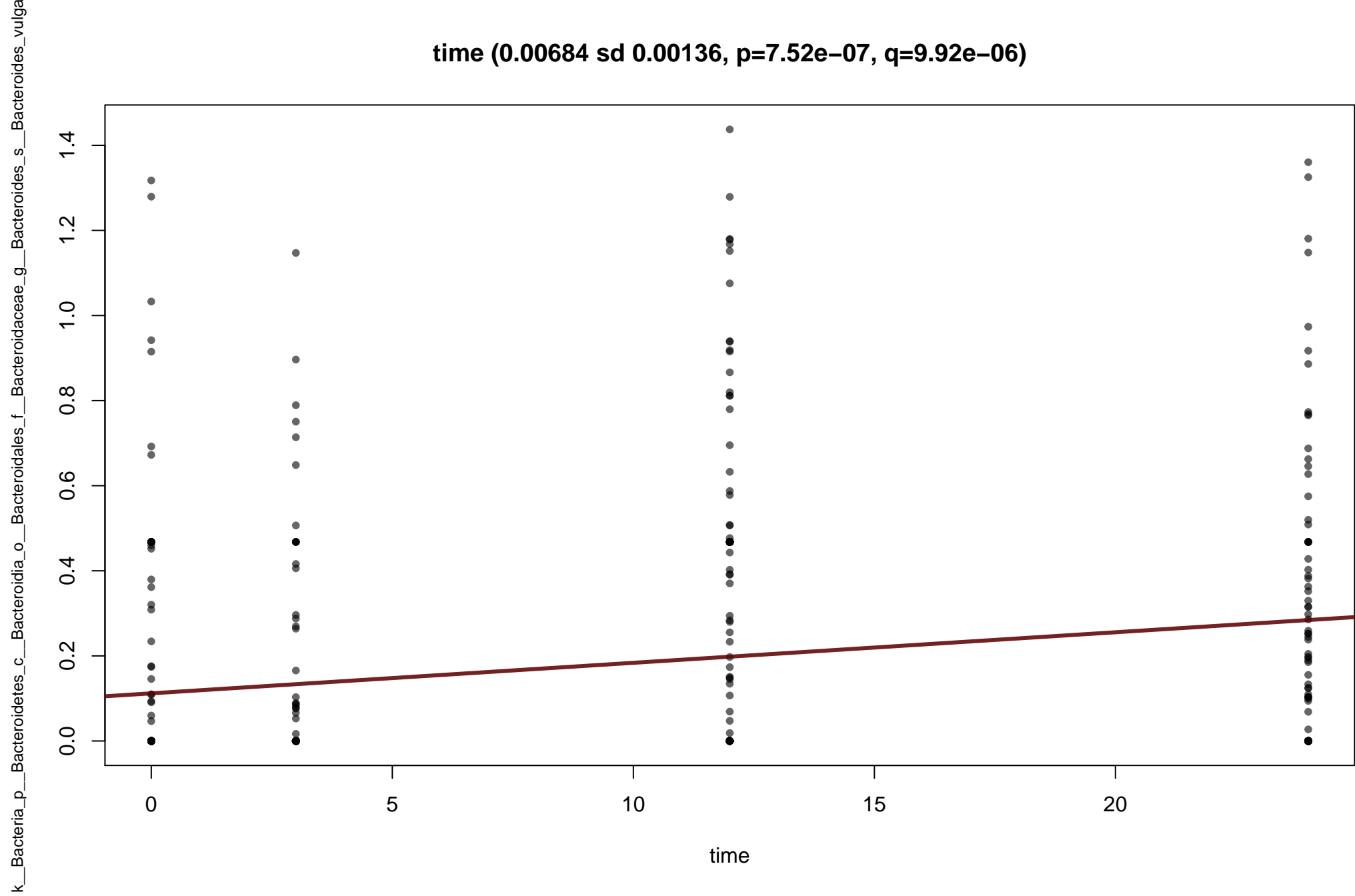
time (-0.00256 sd 0.000499 , $p=5.27e-07$, $q=7.05e-06$)



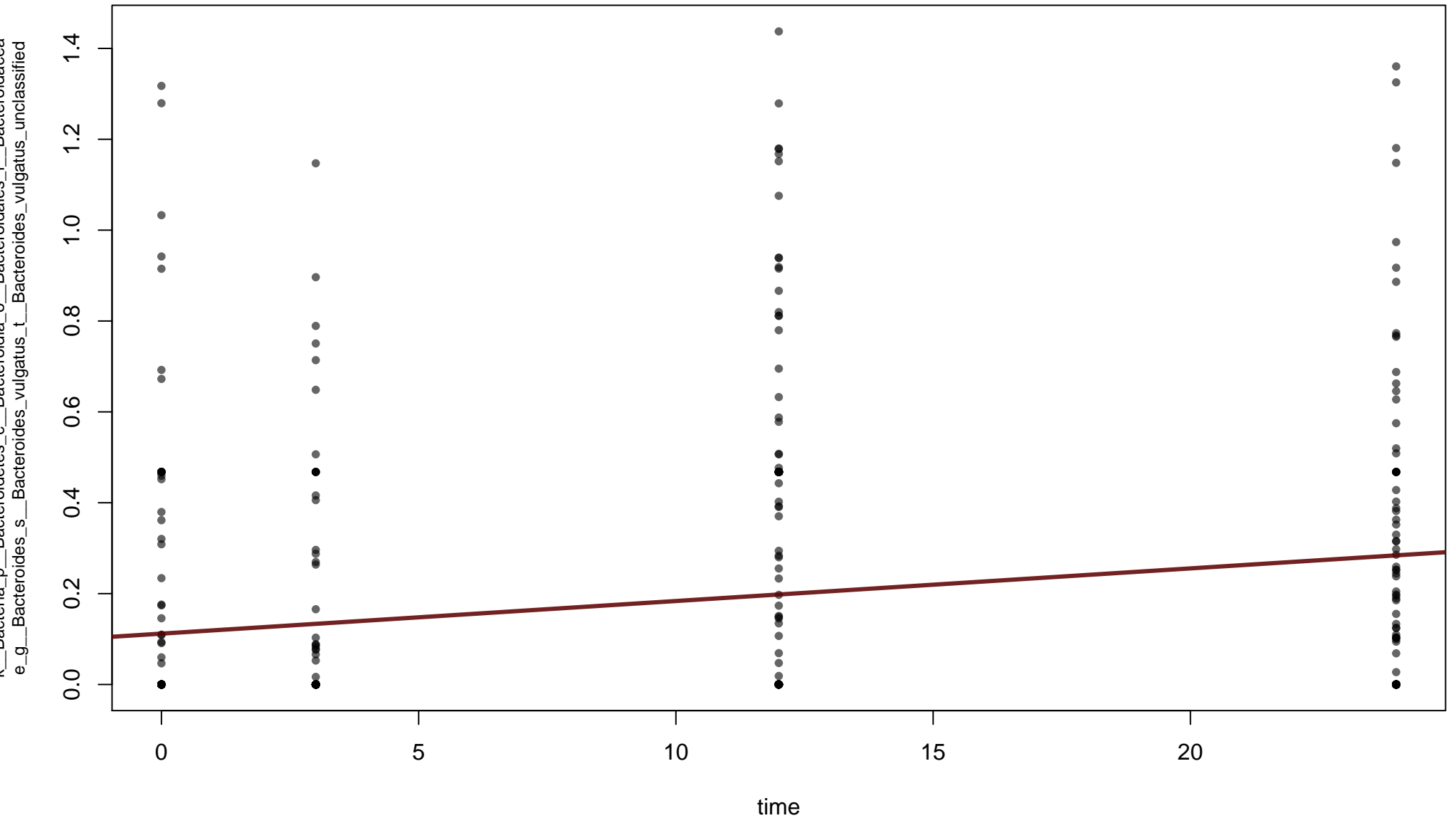
time (-0.00737 sd 0.00146 , $p=7.34e-07$, $q=9.79e-06$)



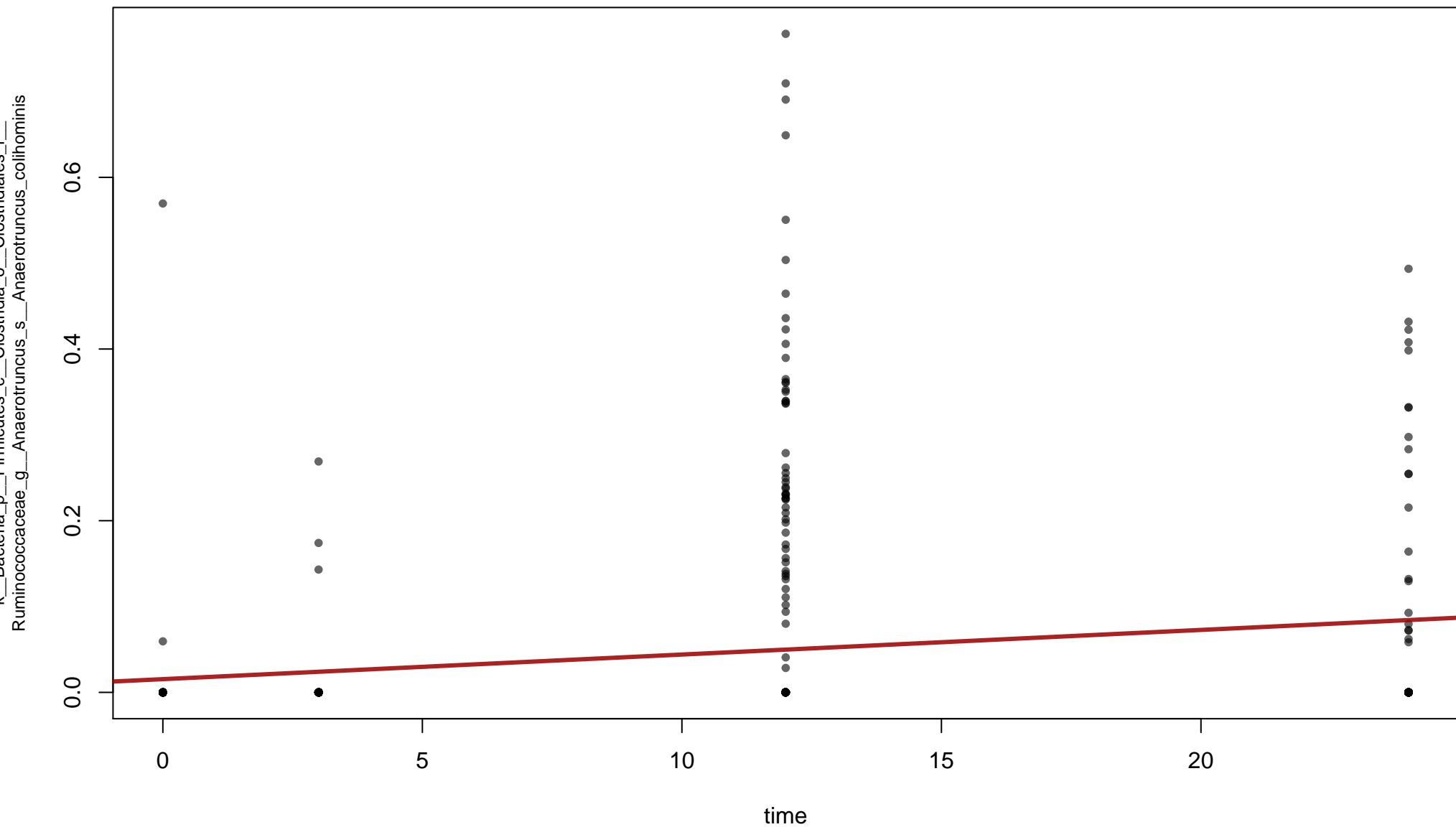
time (0.00684 sd 0.00136, p=7.52e-07, q=9.92e-06)



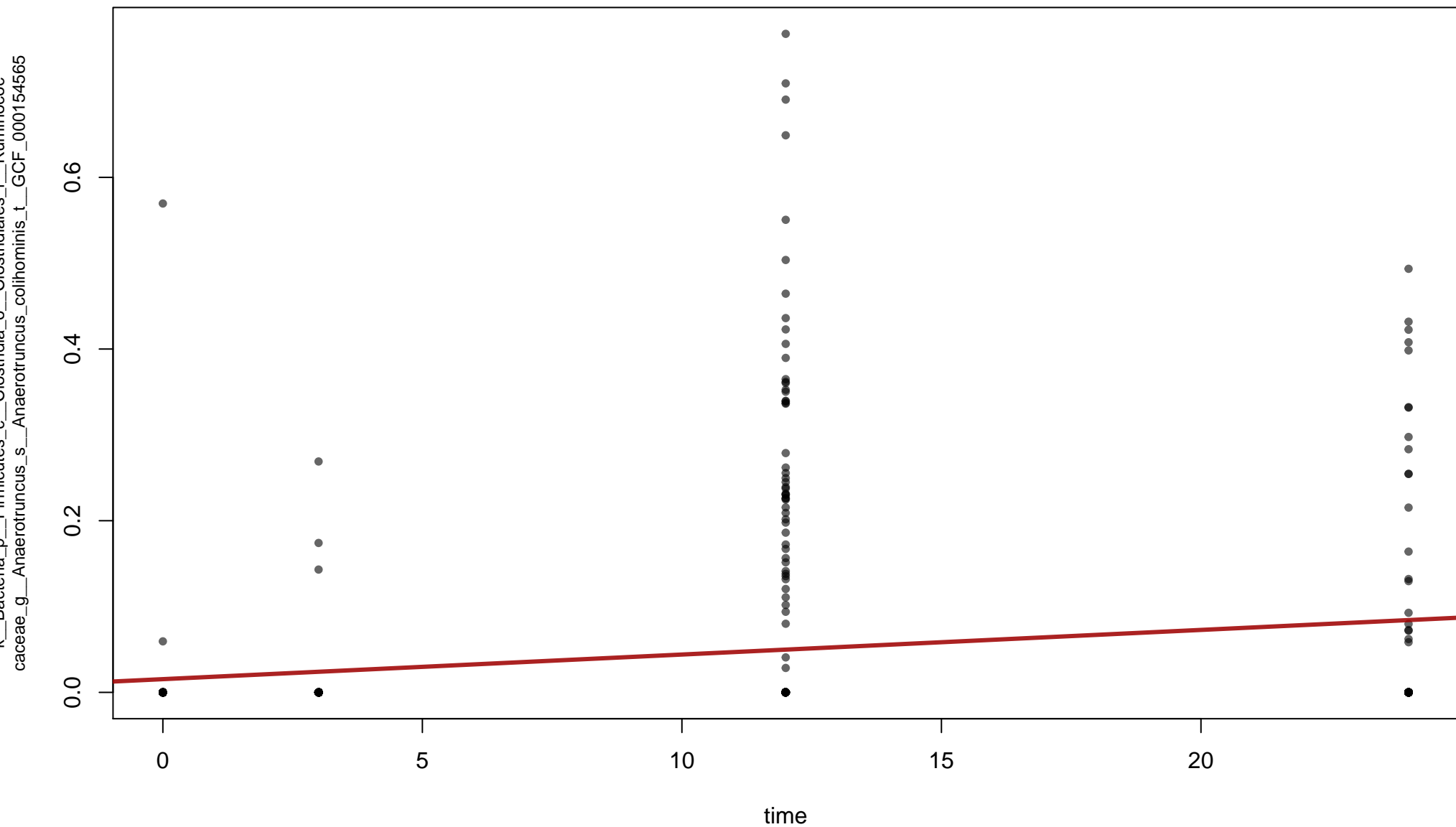
time (0.00684 sd 0.00136, p=7.52e-07, q=9.92e-06)



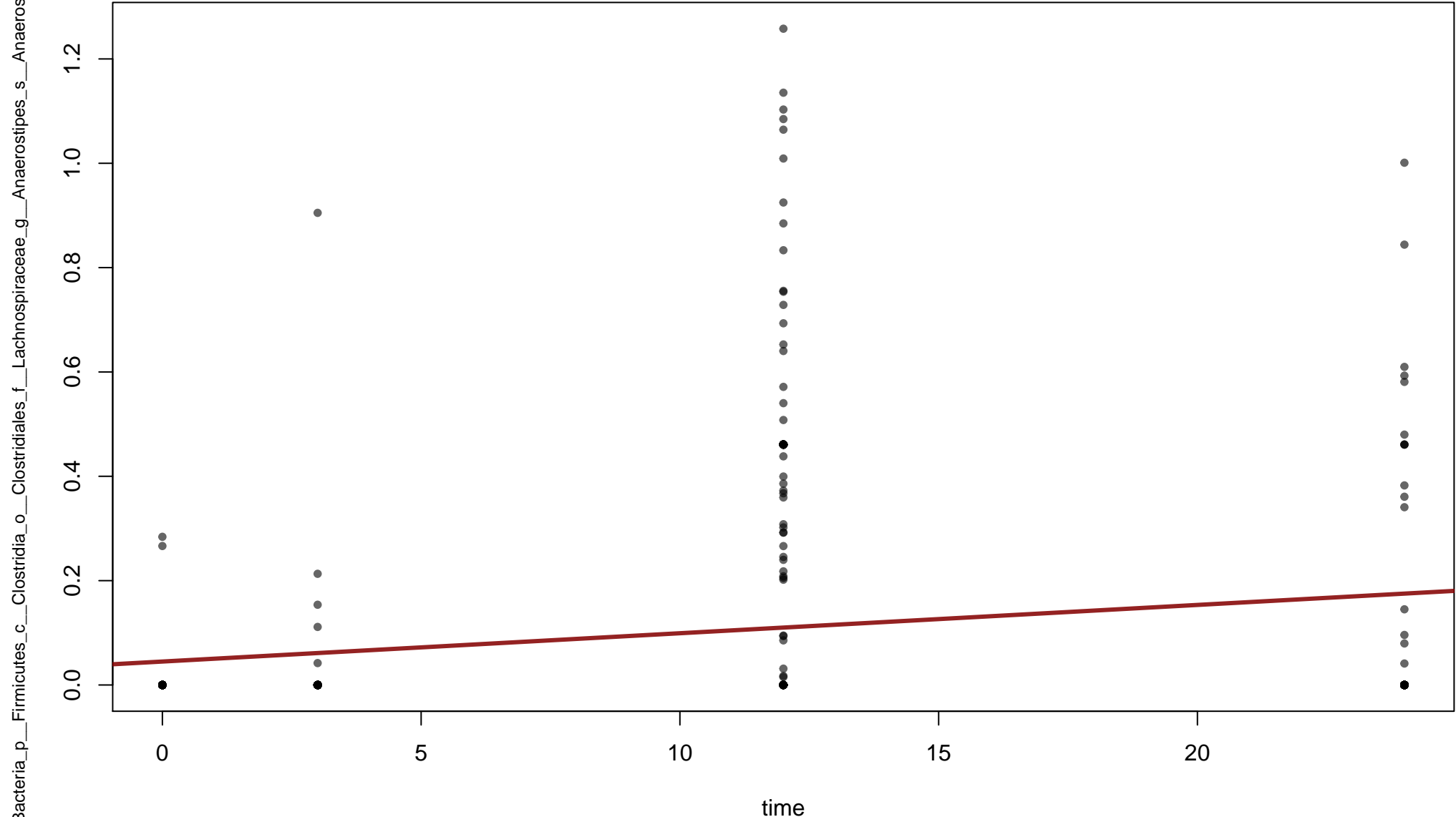
time (0.00288 sd 0.00057, p=7.58e-07, q=9.92e-06)



time (0.00288 sd 0.00057, p=7.58e-07, q=9.92e-06)

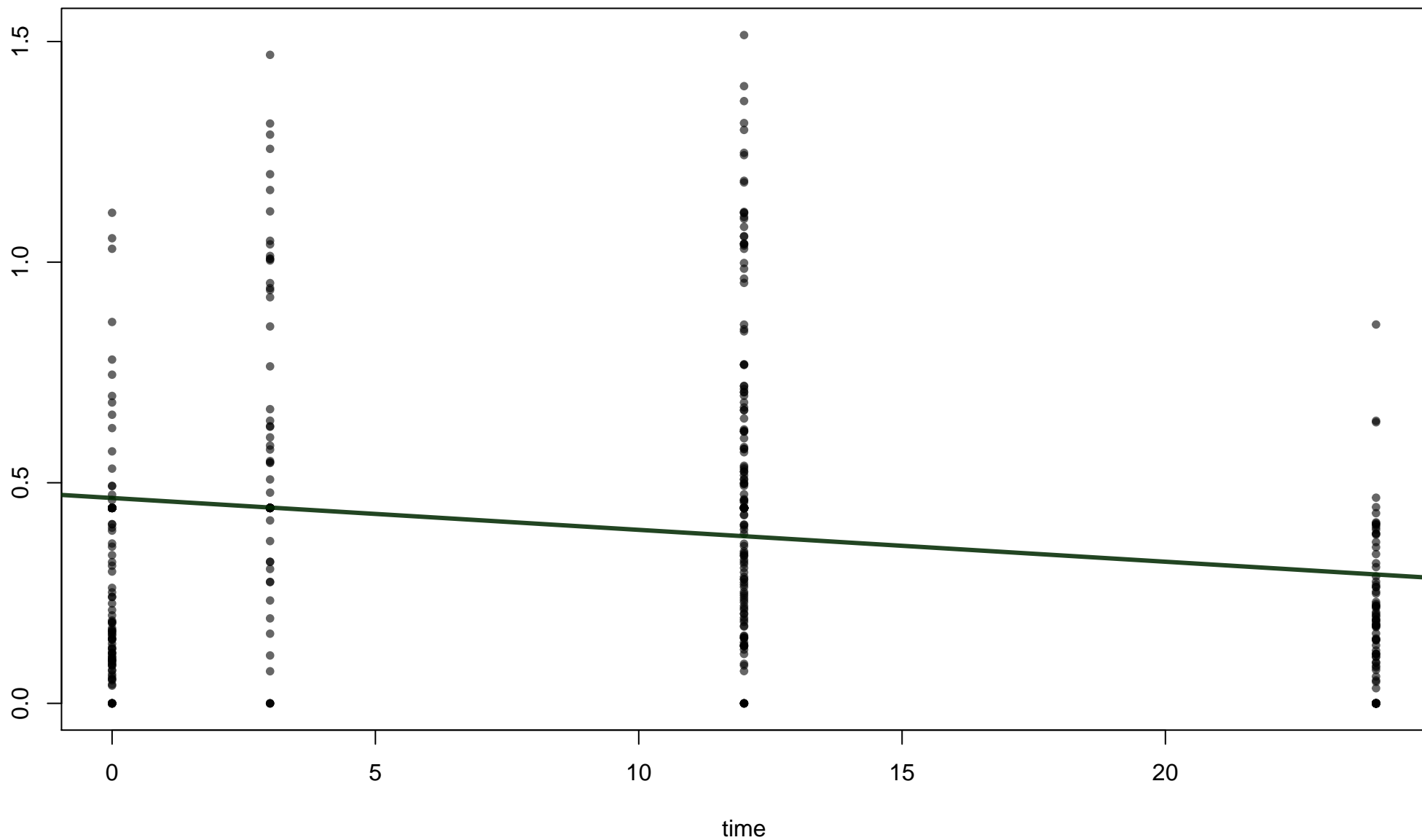


time (0.00543 sd 0.00108, p=8.2e-07, q=1.07e-05)



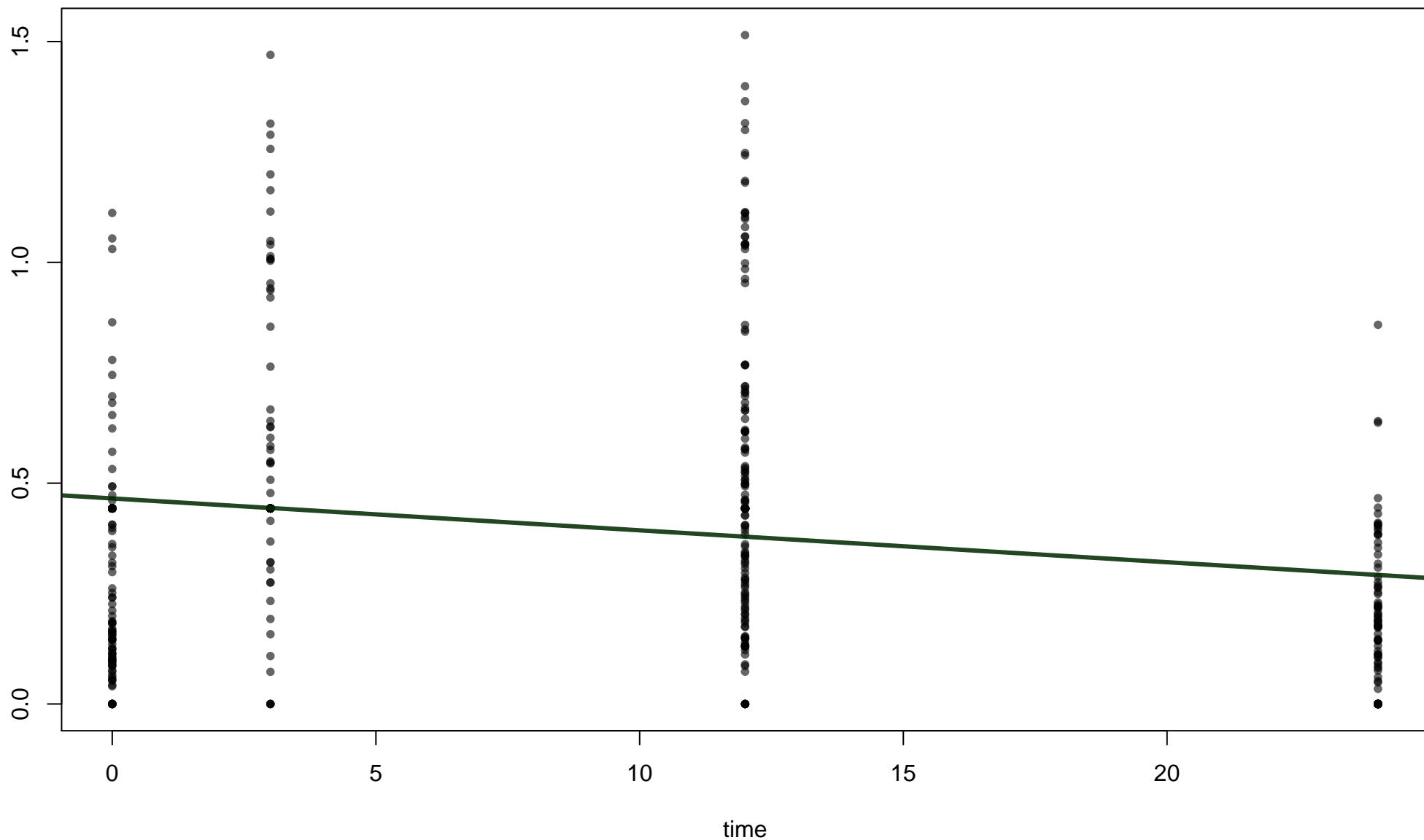
k_Bacteria_p__Proteobacteria_c__Gammaproteobacteria_o__Enterobacteriales

time (-0.00732 sd 0.00147 , $p=1.09e-06$, $q=1.41e-05$)

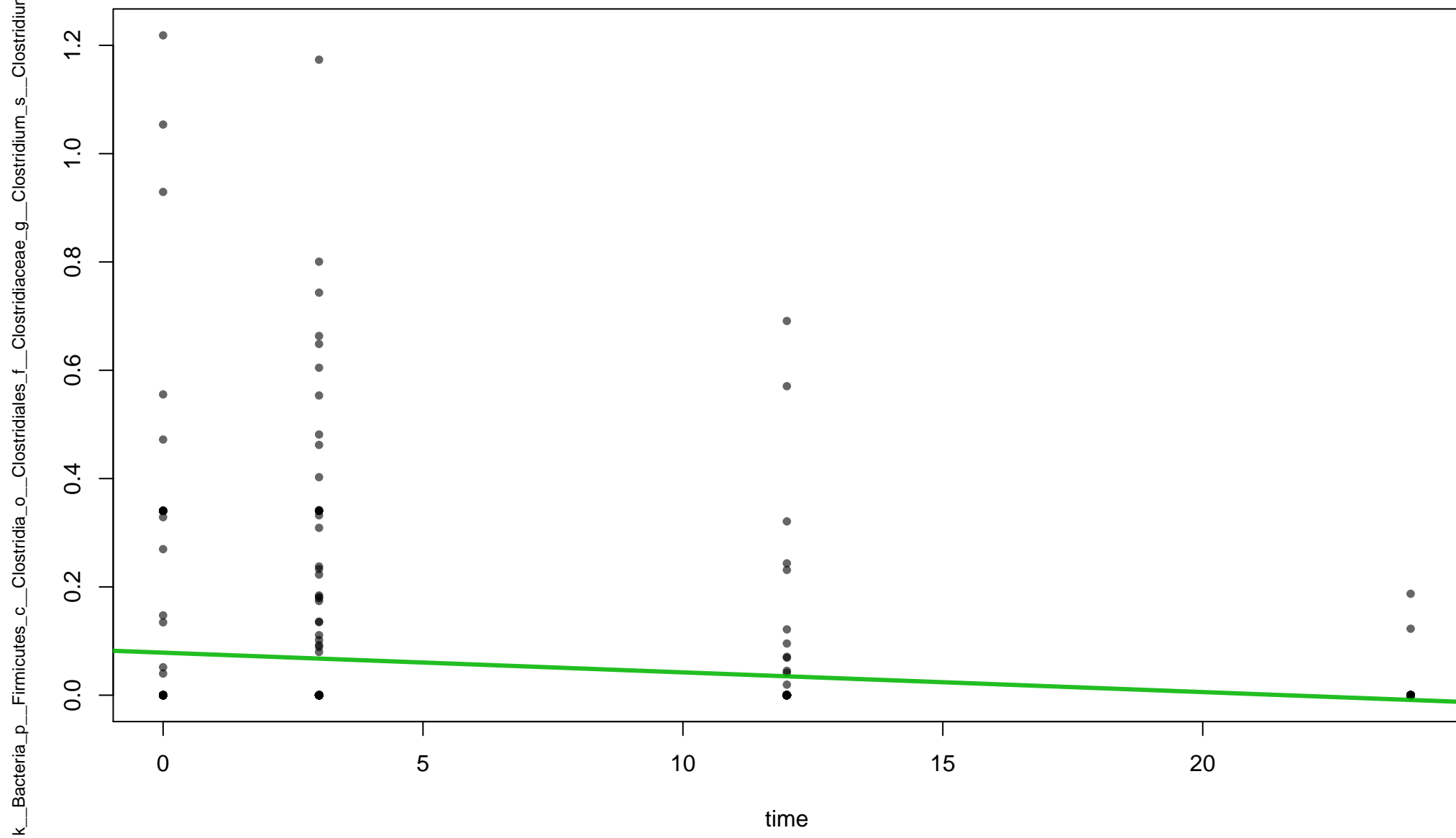


time (-0.00732 sd 0.00147 , $p=1.09e-06$, $q=1.41e-05$)

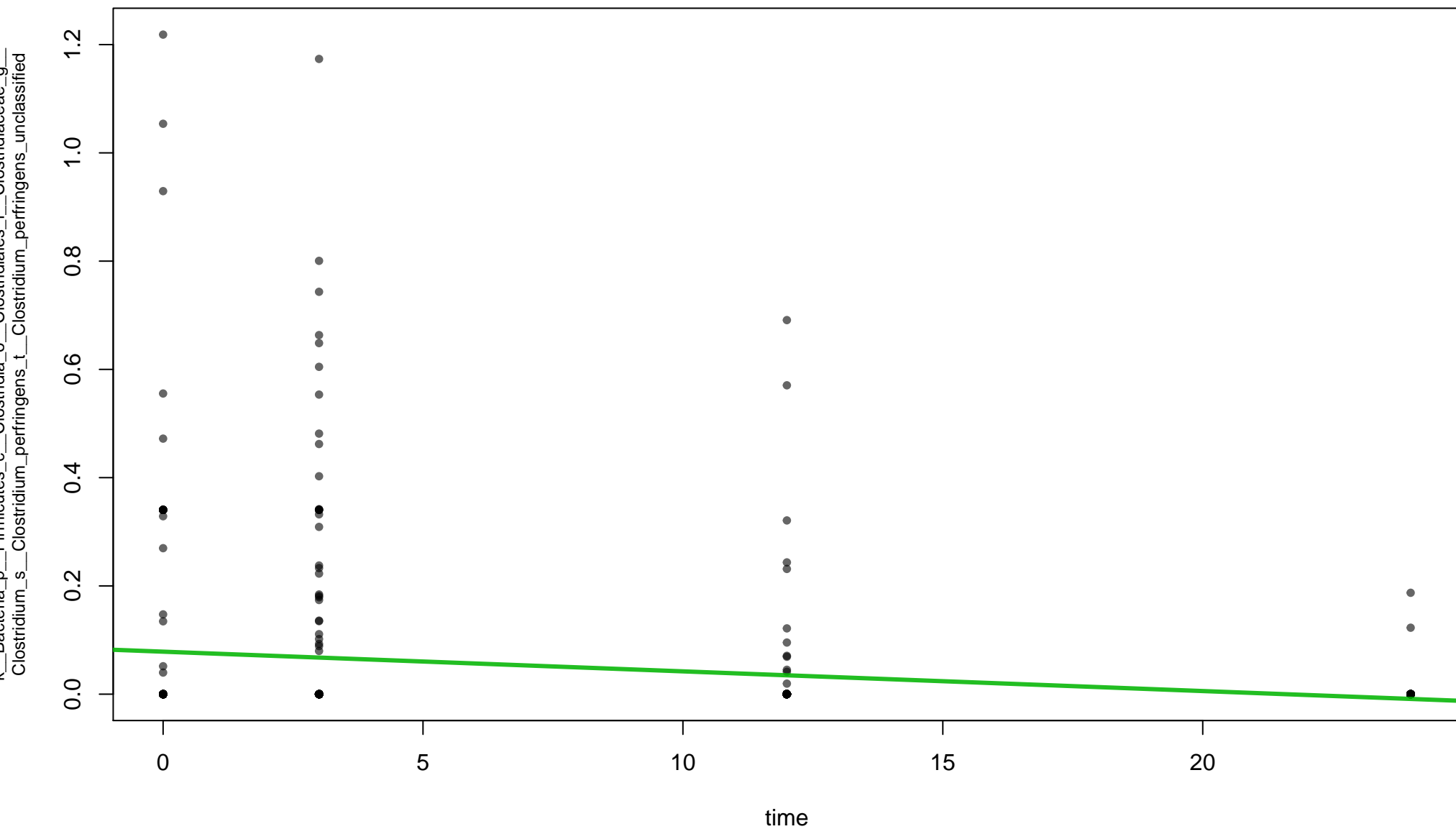
k__Bacteria_p__Proteobacteria_c__Gammaproteobacteria_o__Enterobacteriales_f__Enterobacteriaceae



time (-0.00366 sd 0.000746 , $p=1.48e-06$, $q=1.9e-05$)

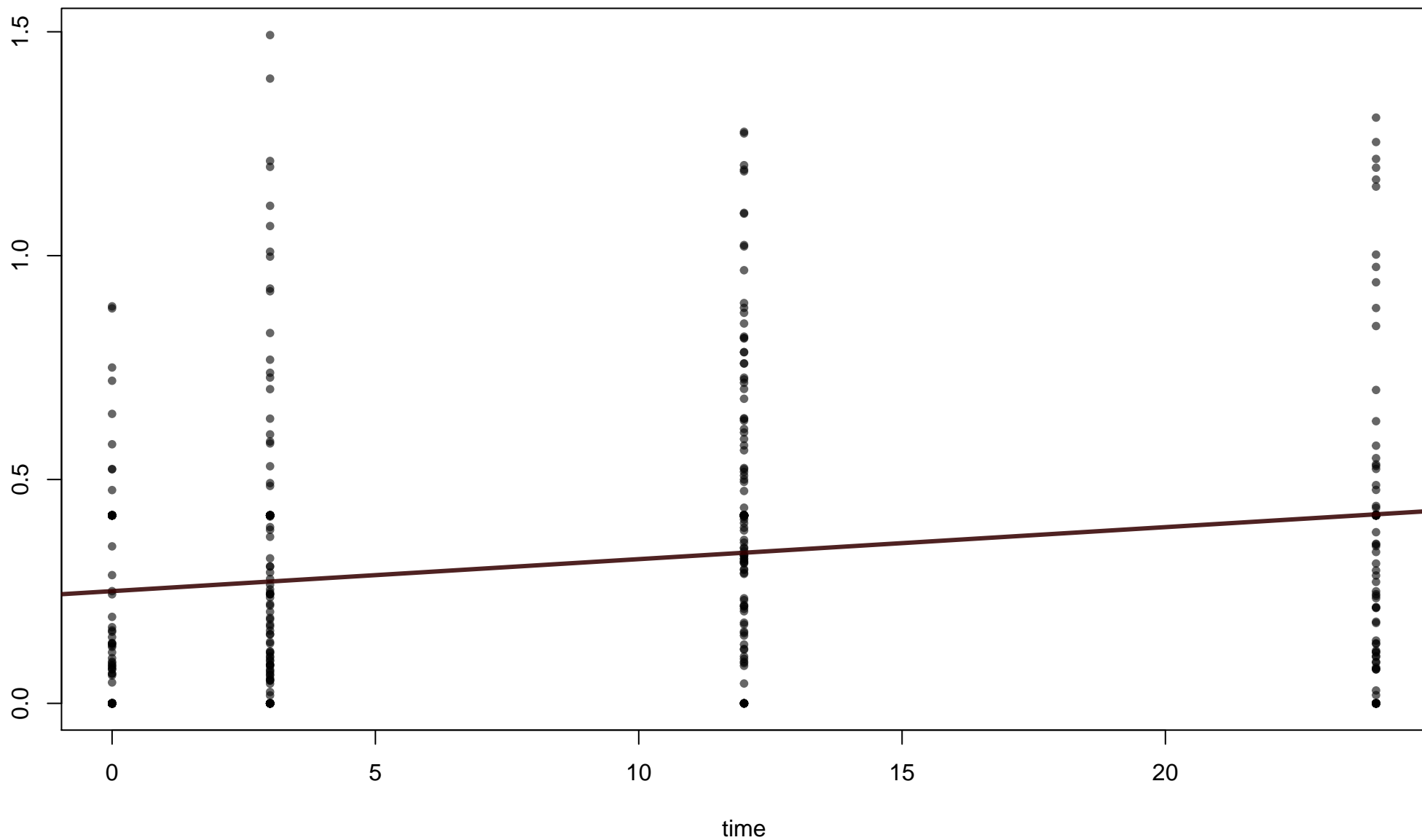


time (-0.00366 sd 0.000746 , $p=1.48e-06$, $q=1.9e-05$)

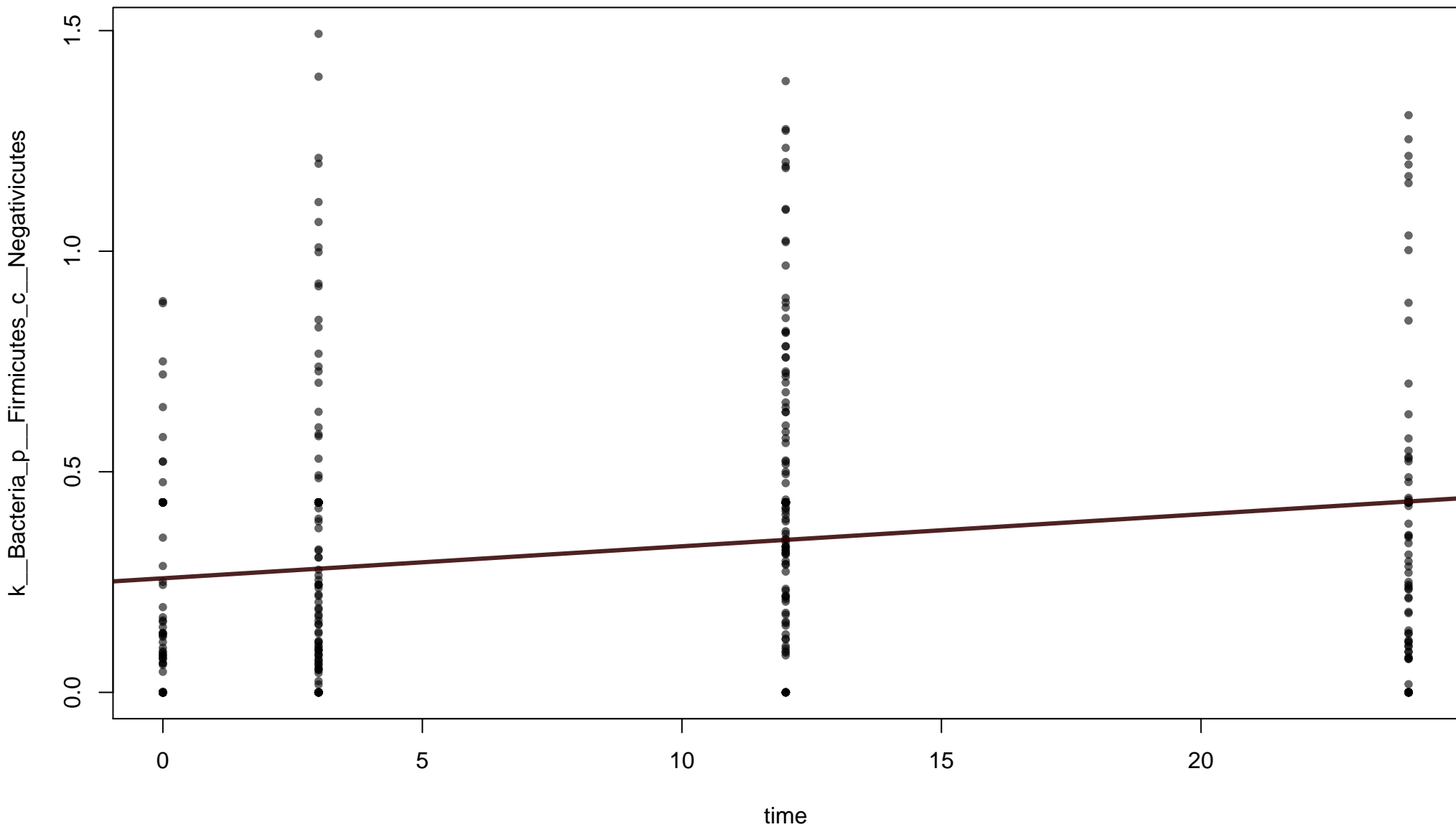


k_Bacteria_p_Firmicutes_c_Negativicutes_o_Selenomonadales_f_Veillonellaceae

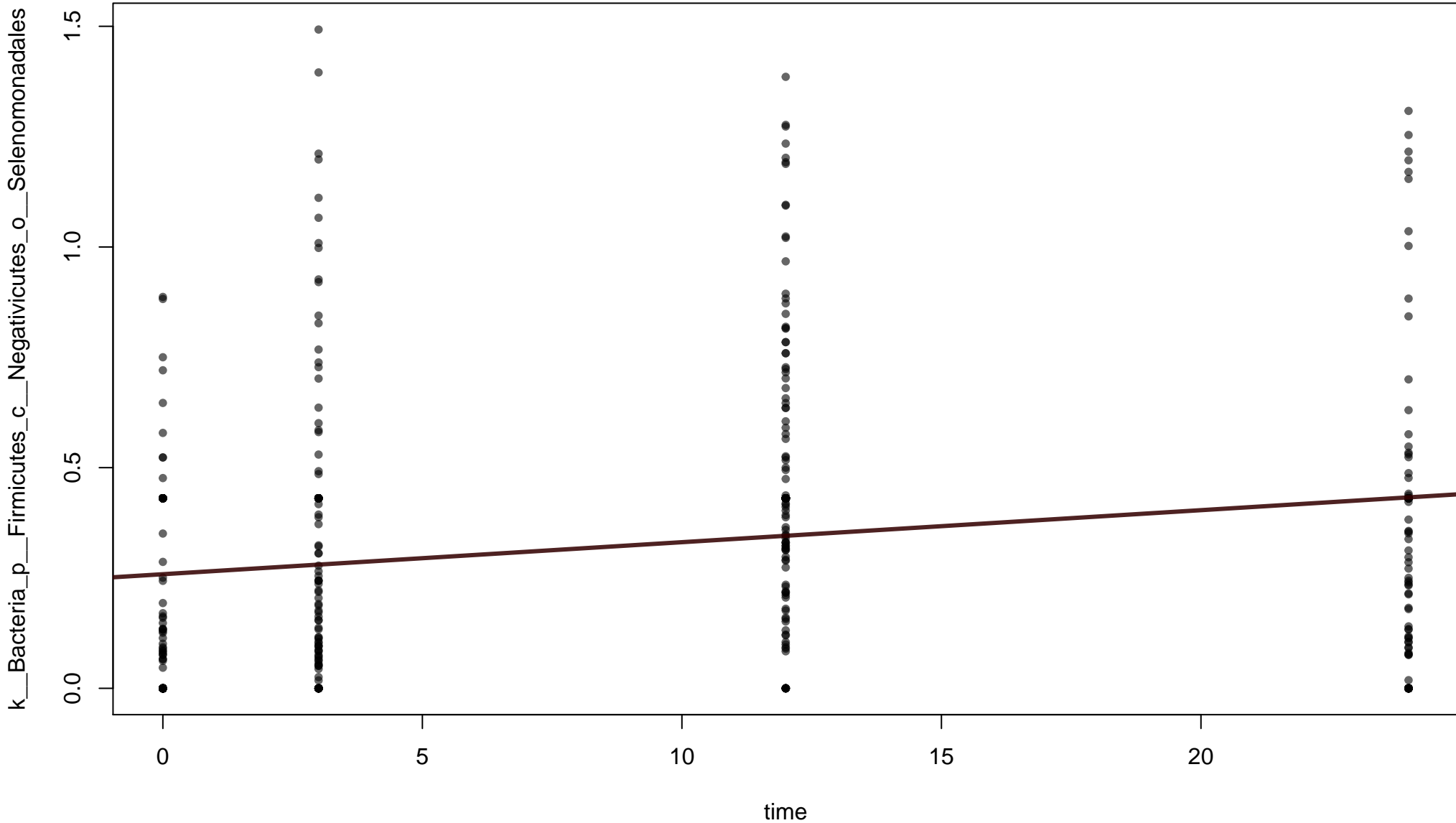
time (0.00715 sd 0.0015, p=2.73e-06, q=3.49e-05)



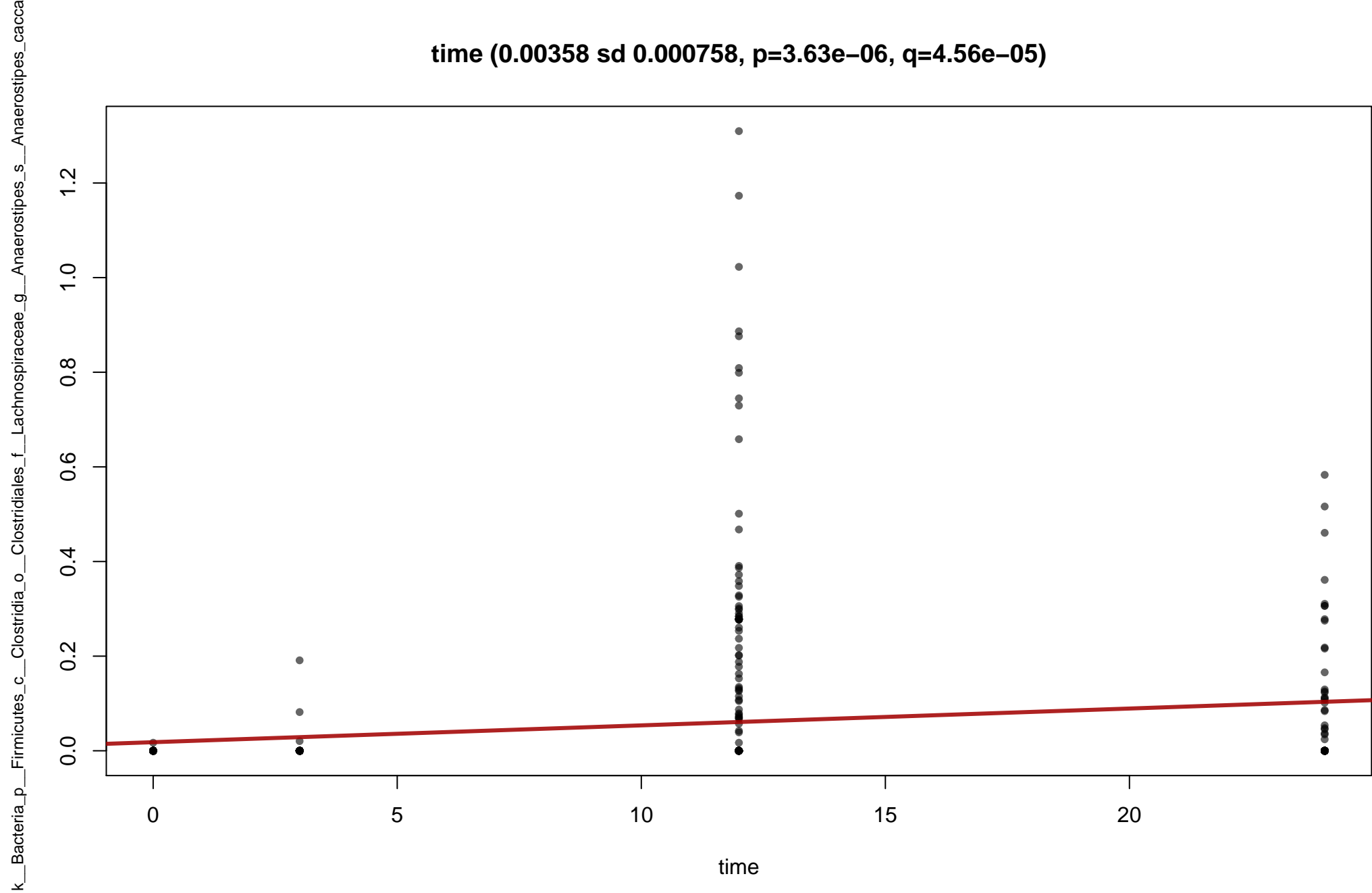
time (0.00727 sd 0.00153, p=3.05e-06, q=3.87e-05)



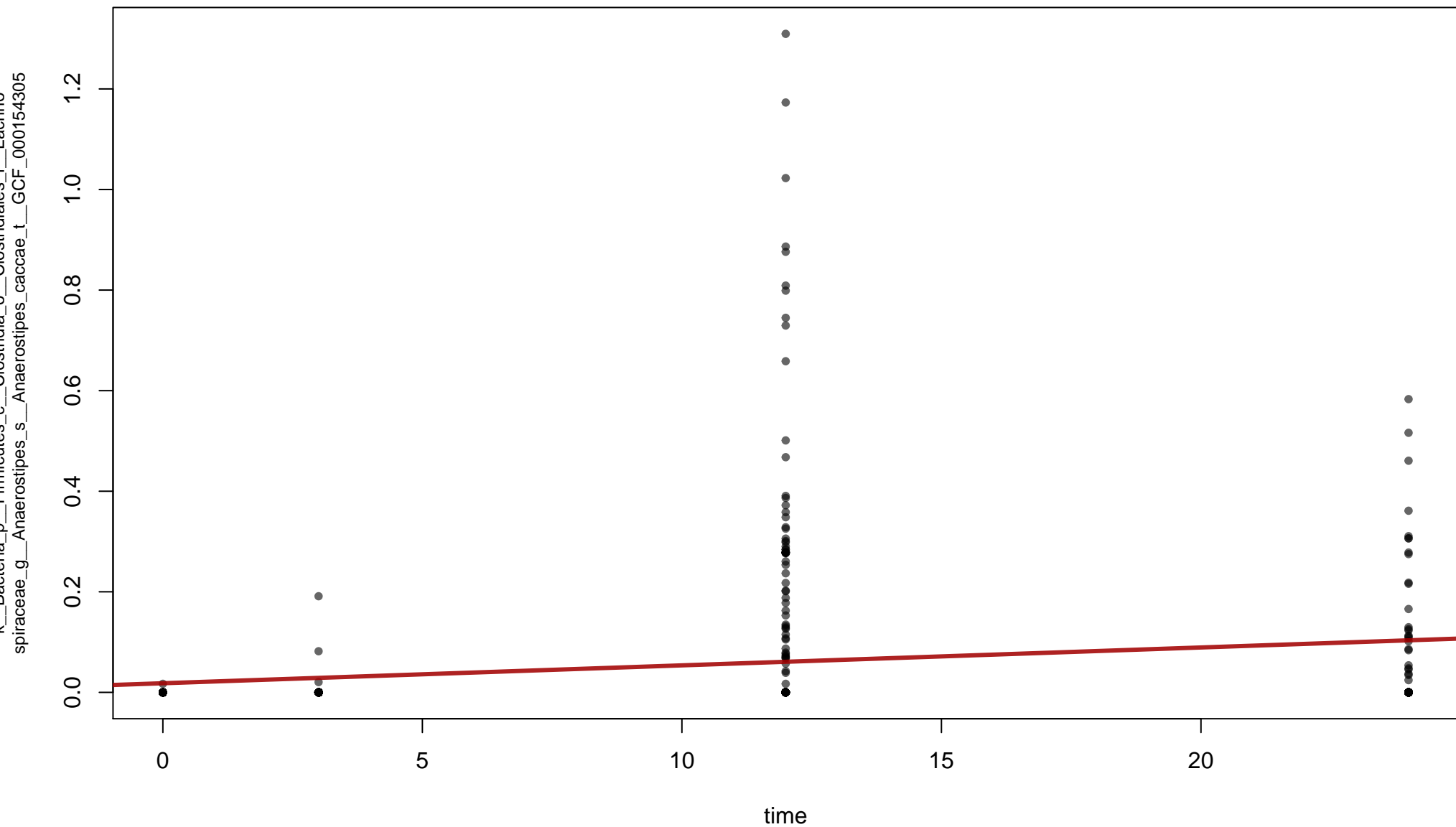
time (0.00727 sd 0.00153, p=3.05e-06, q=3.87e-05)



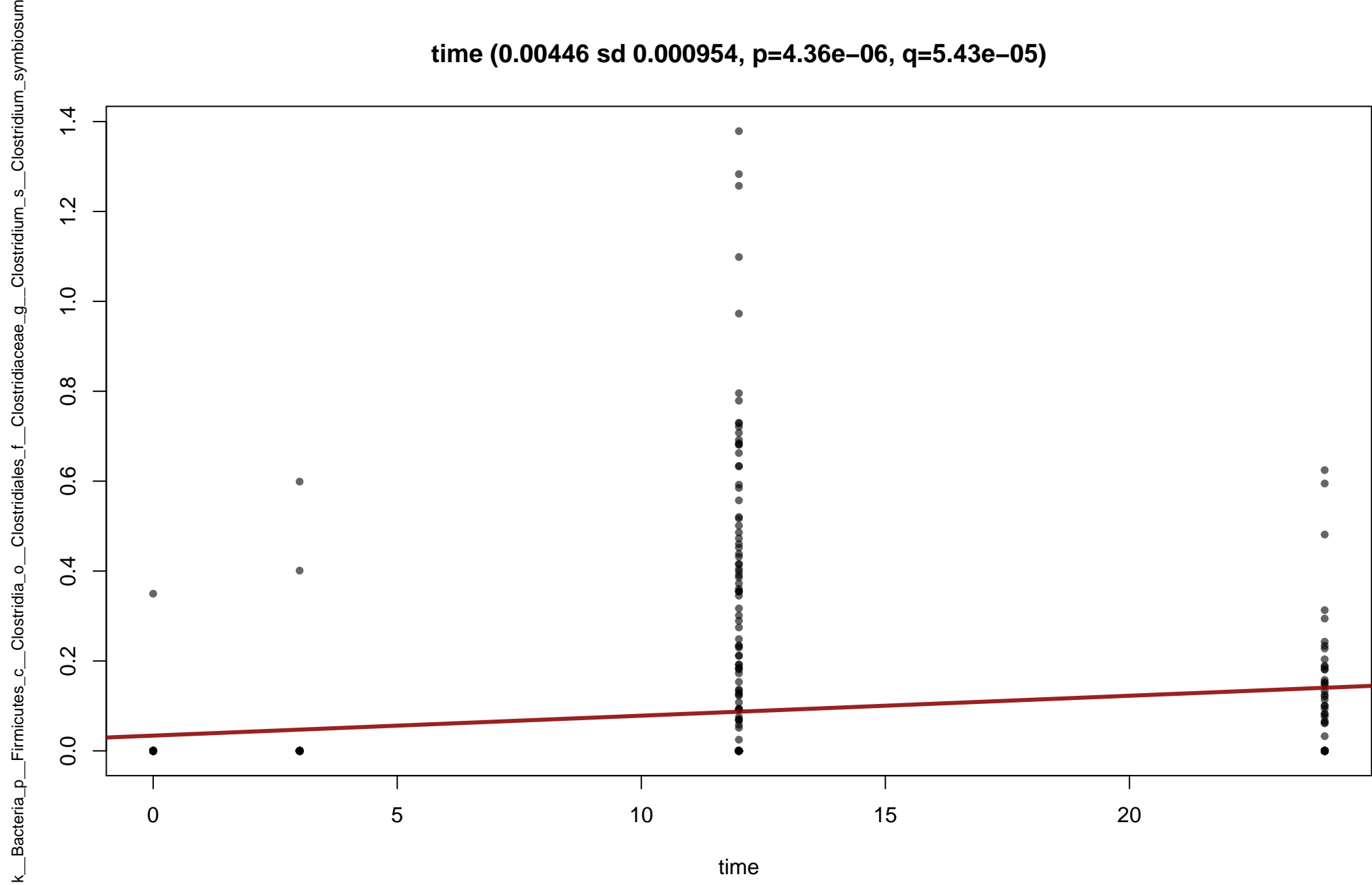
time (0.00358 sd 0.000758, p=3.63e-06, q=4.56e-05)



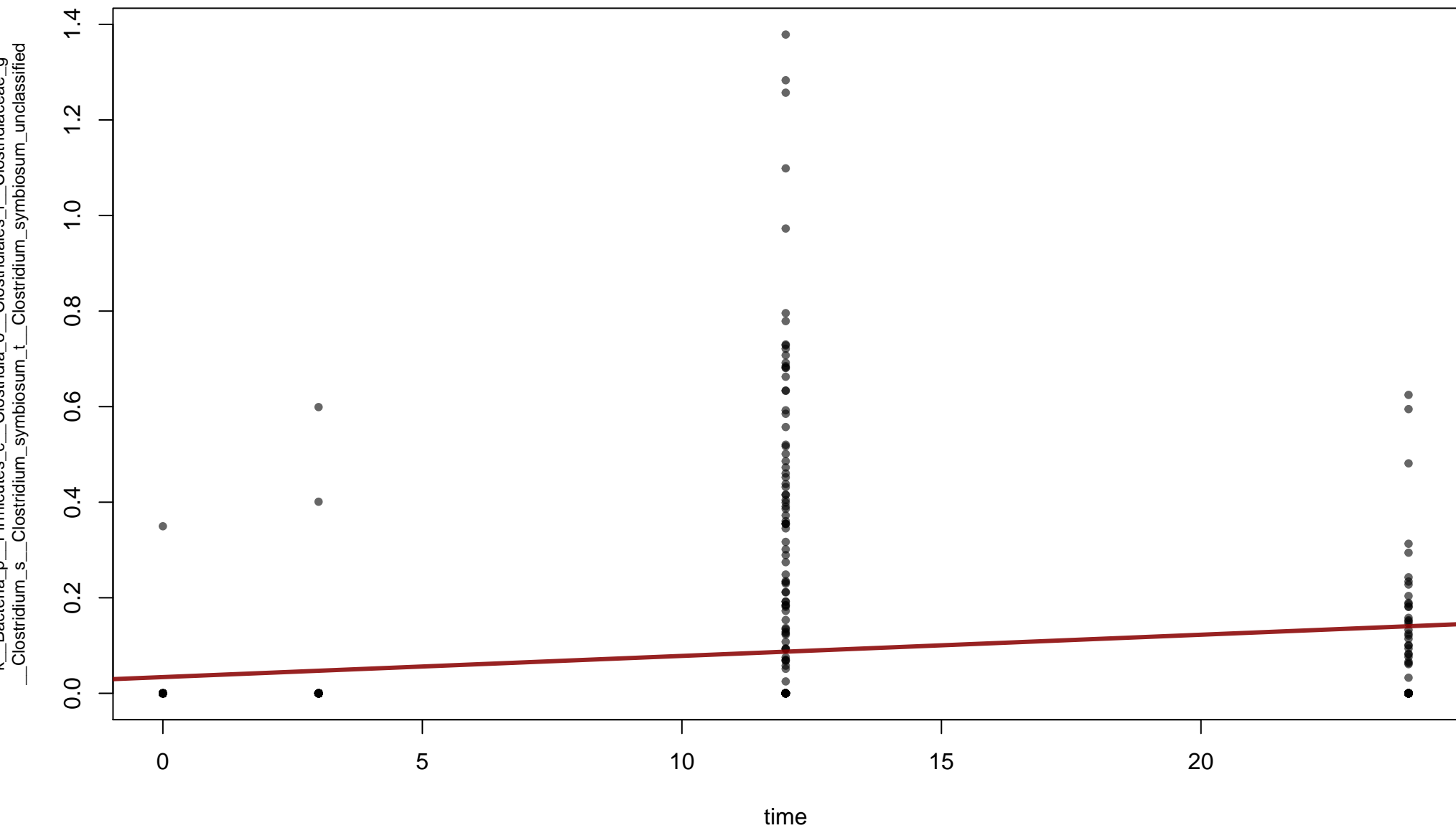
time (0.00358 sd 0.000758, p=3.63e-06, q=4.56e-05)



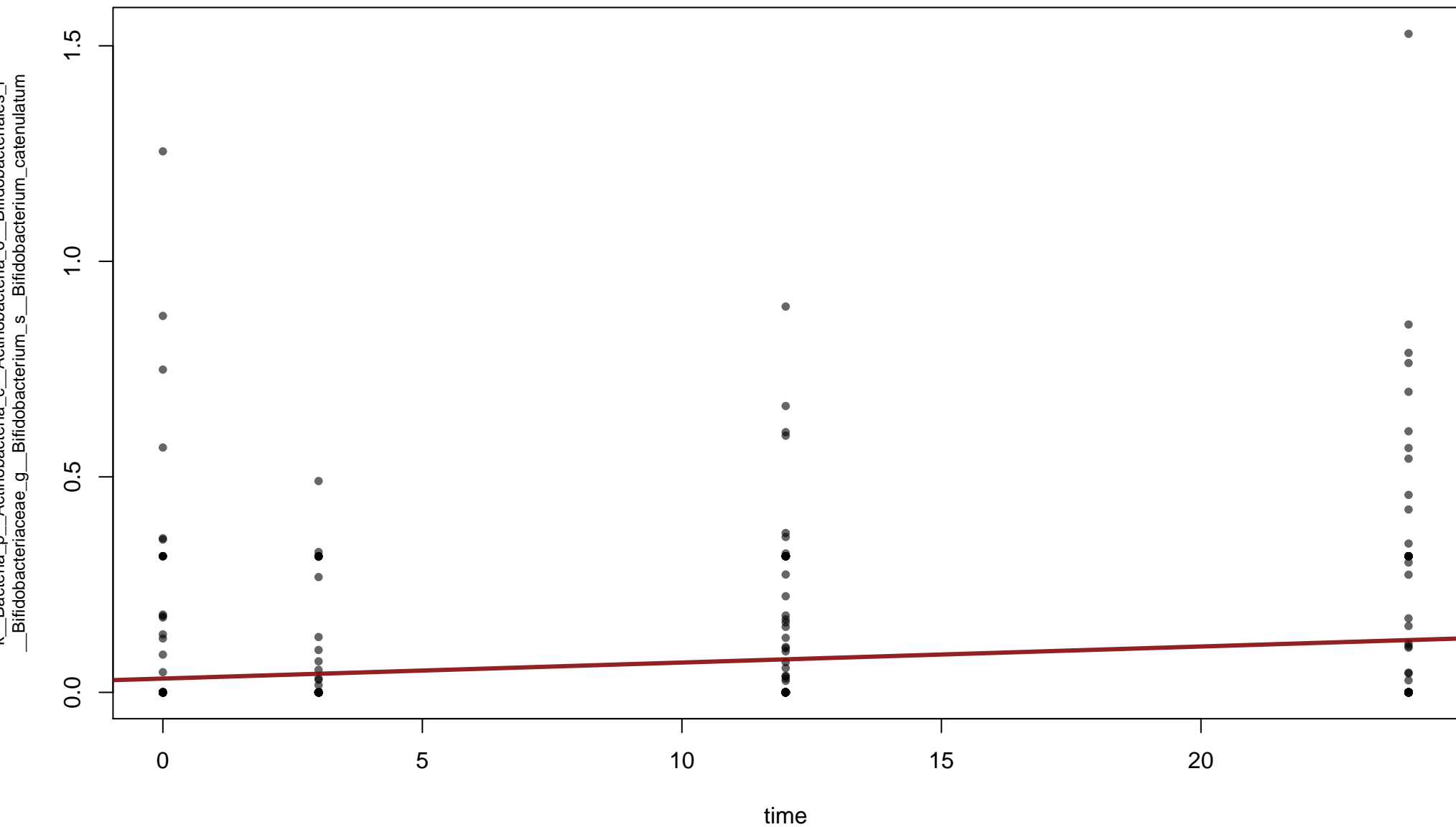
time (0.00446 sd 0.000954, p=4.36e-06, q=5.43e-05)



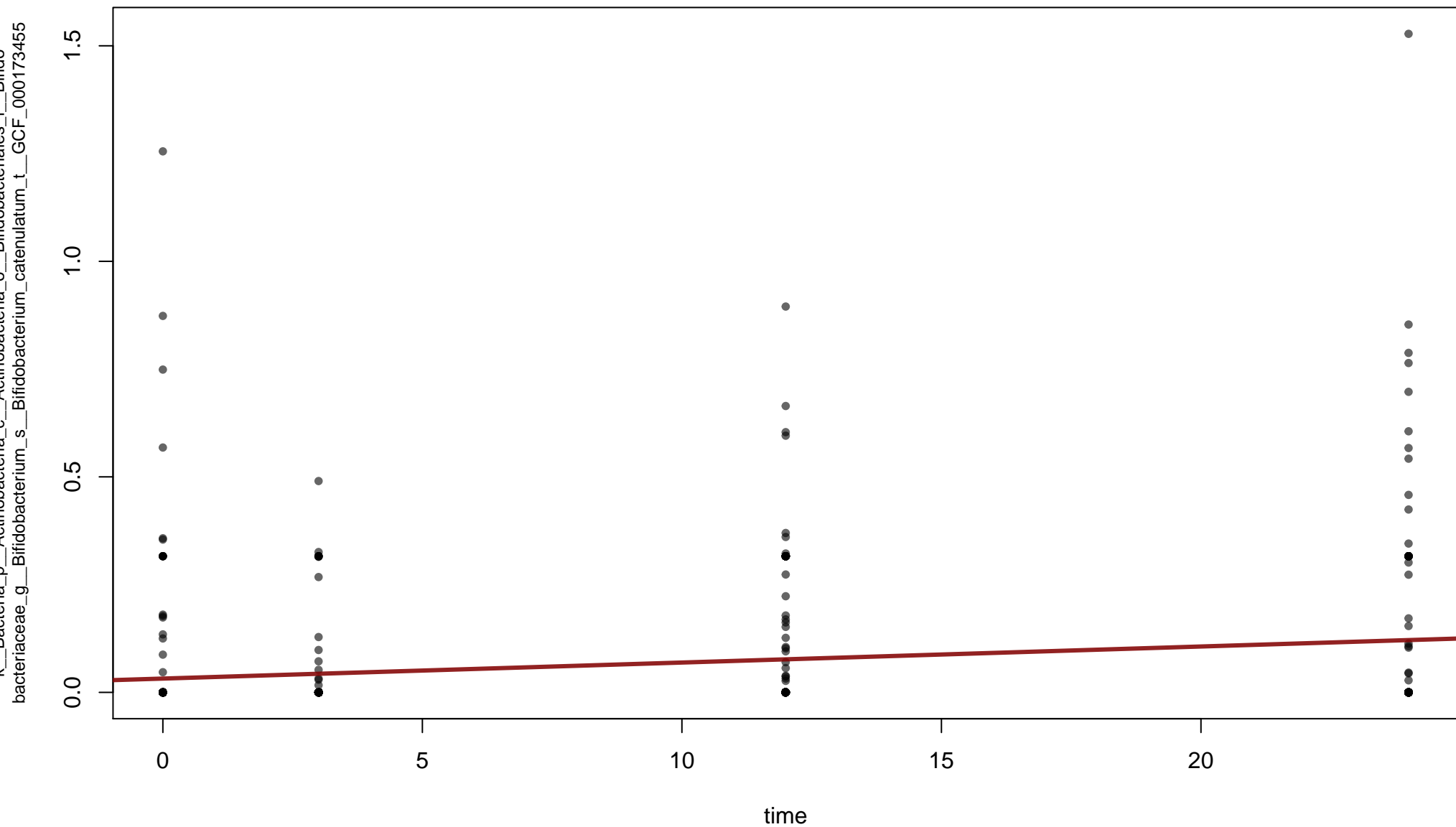
time (0.00446 sd 0.000954, p=4.36e-06, q=5.43e-05)



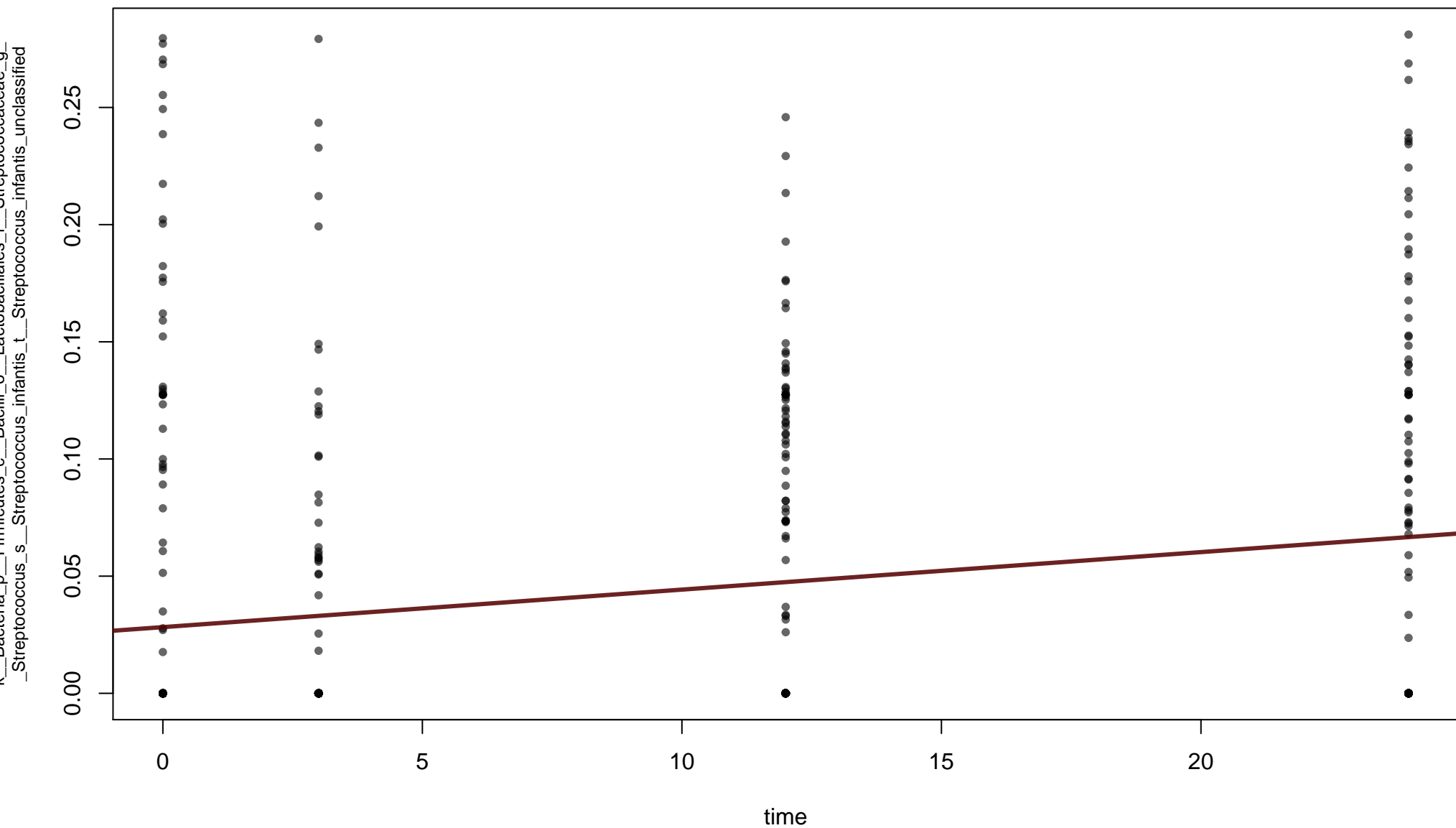
time (0.00377 sd 0.000808, p=4.69e-06, q=5.8e-05)



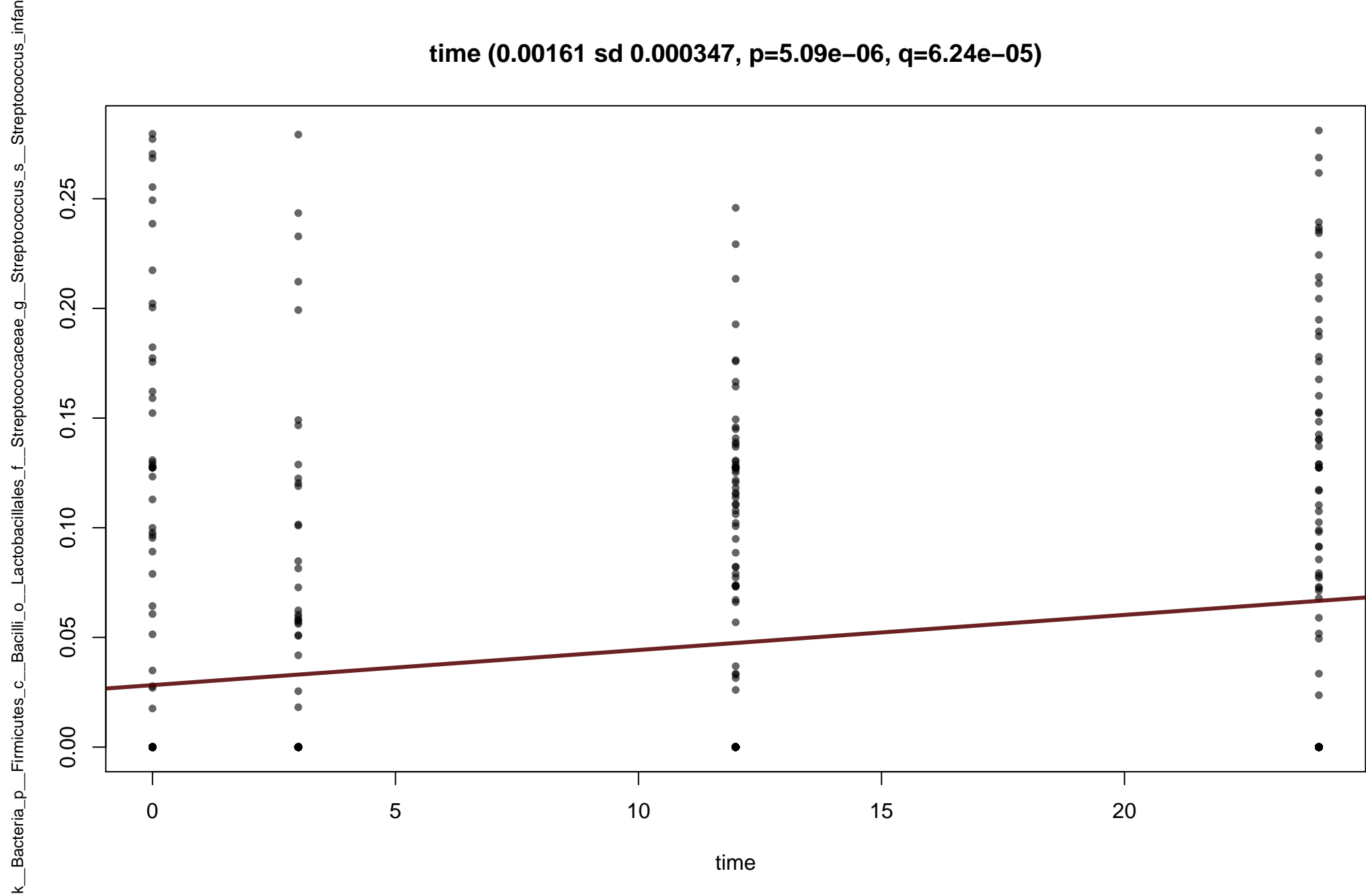
time (0.00377 sd 0.000808, p=4.69e-06, q=5.8e-05)



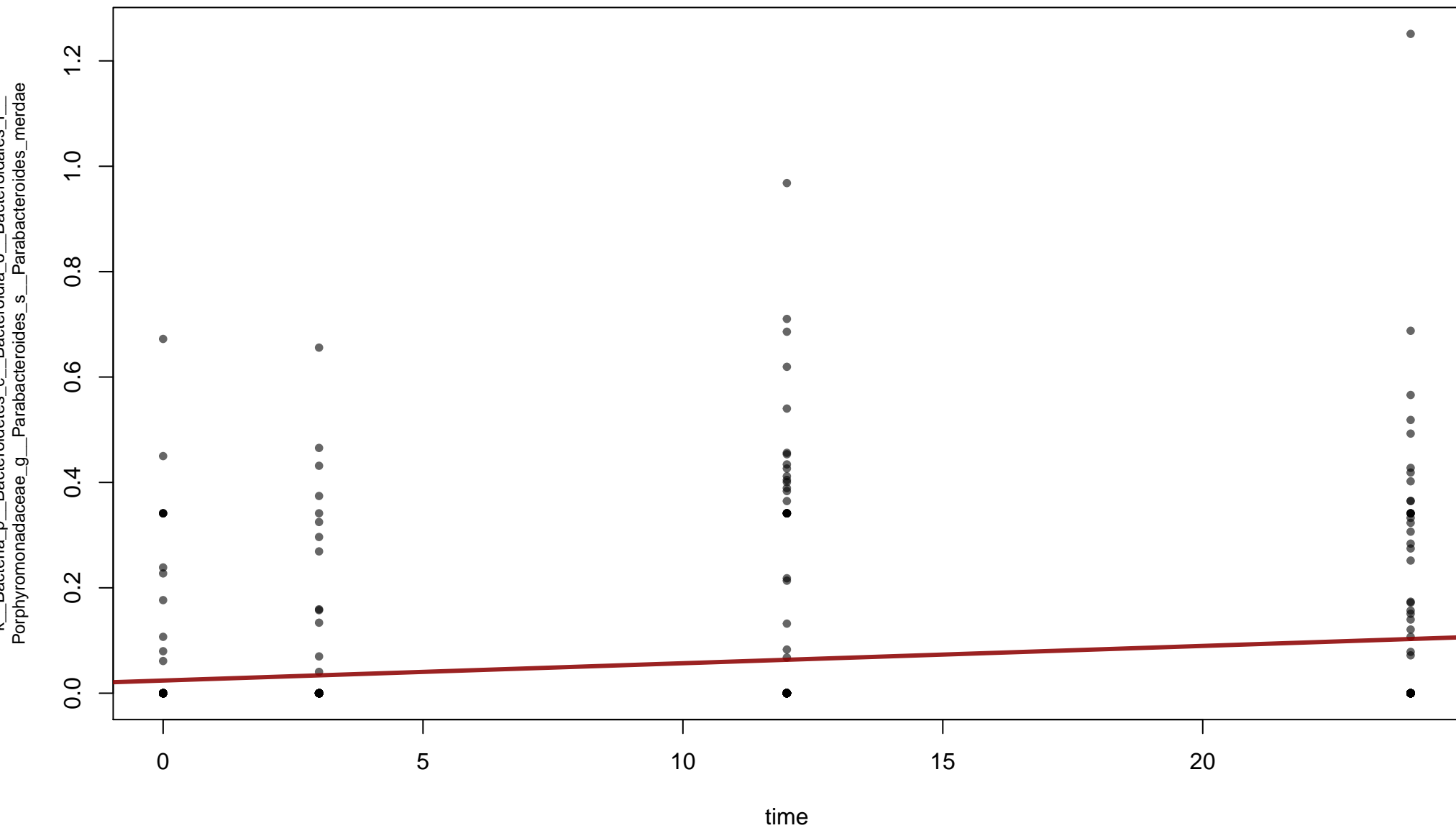
time (0.00161 sd 0.000346, p=5.06e-06, q=6.23e-05)



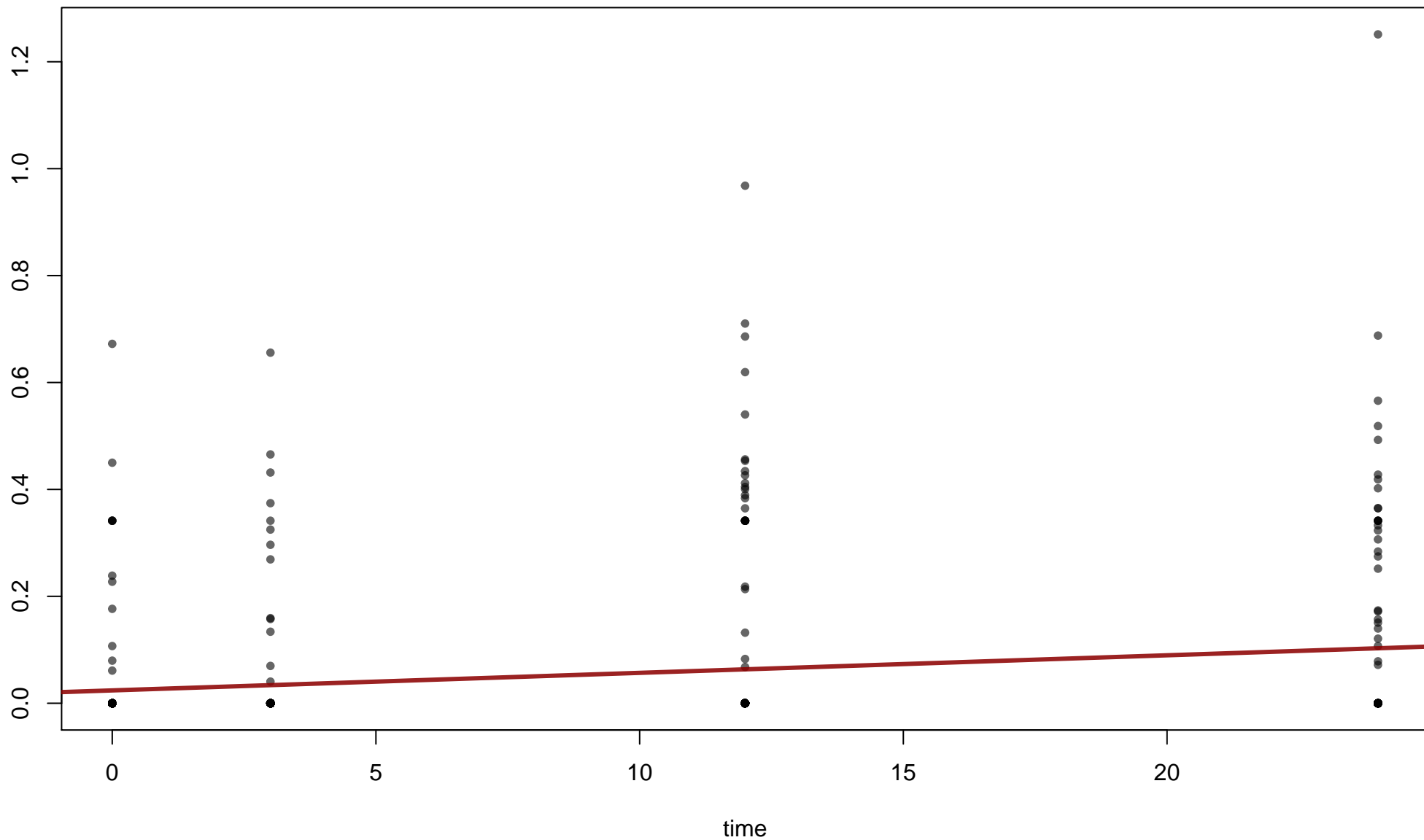
time (0.00161 sd 0.000347, p=5.09e-06, q=6.24e-05)



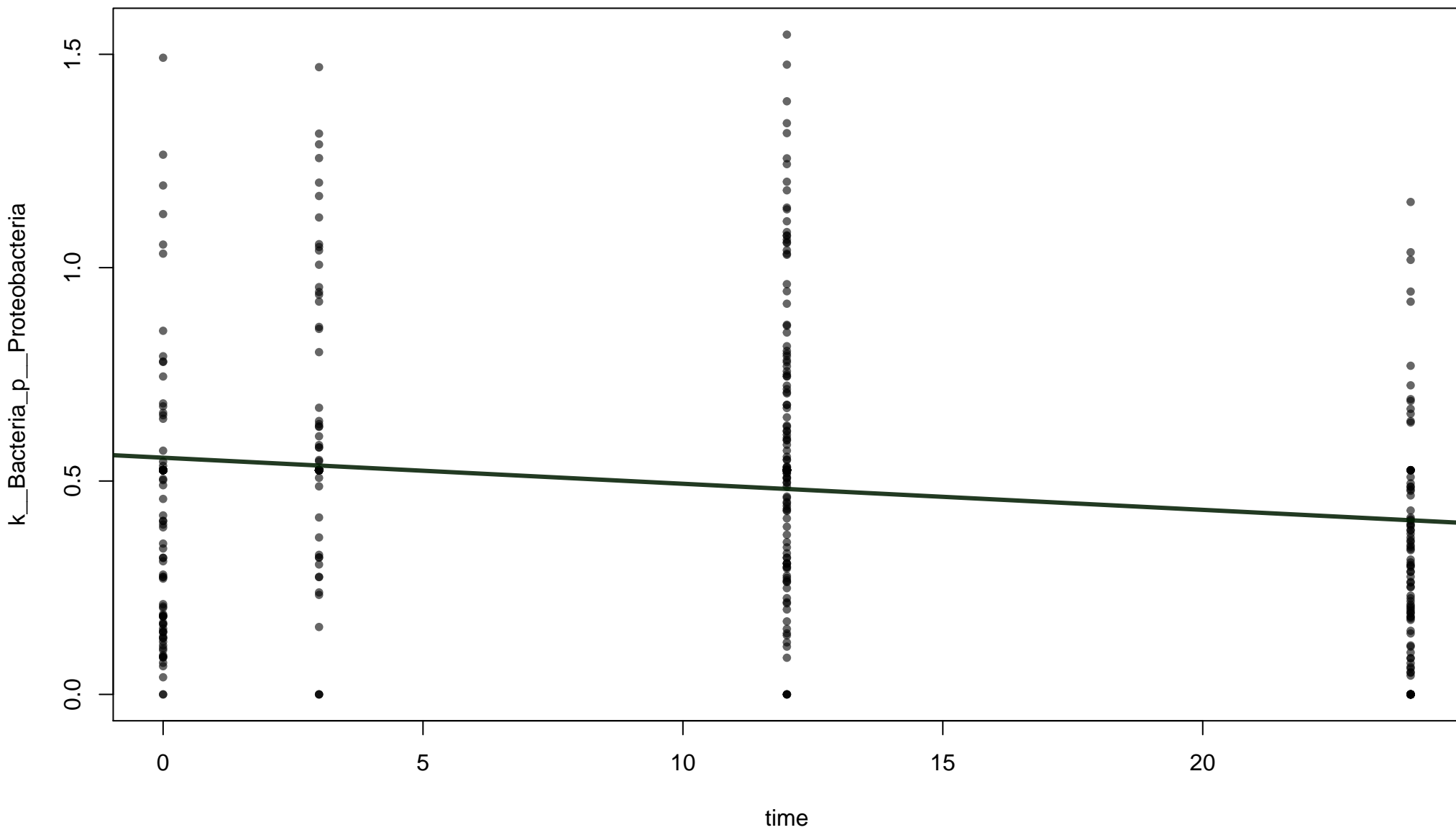
time (0.00305 sd 0.000674, p=8.81e-06, q=0.000107)



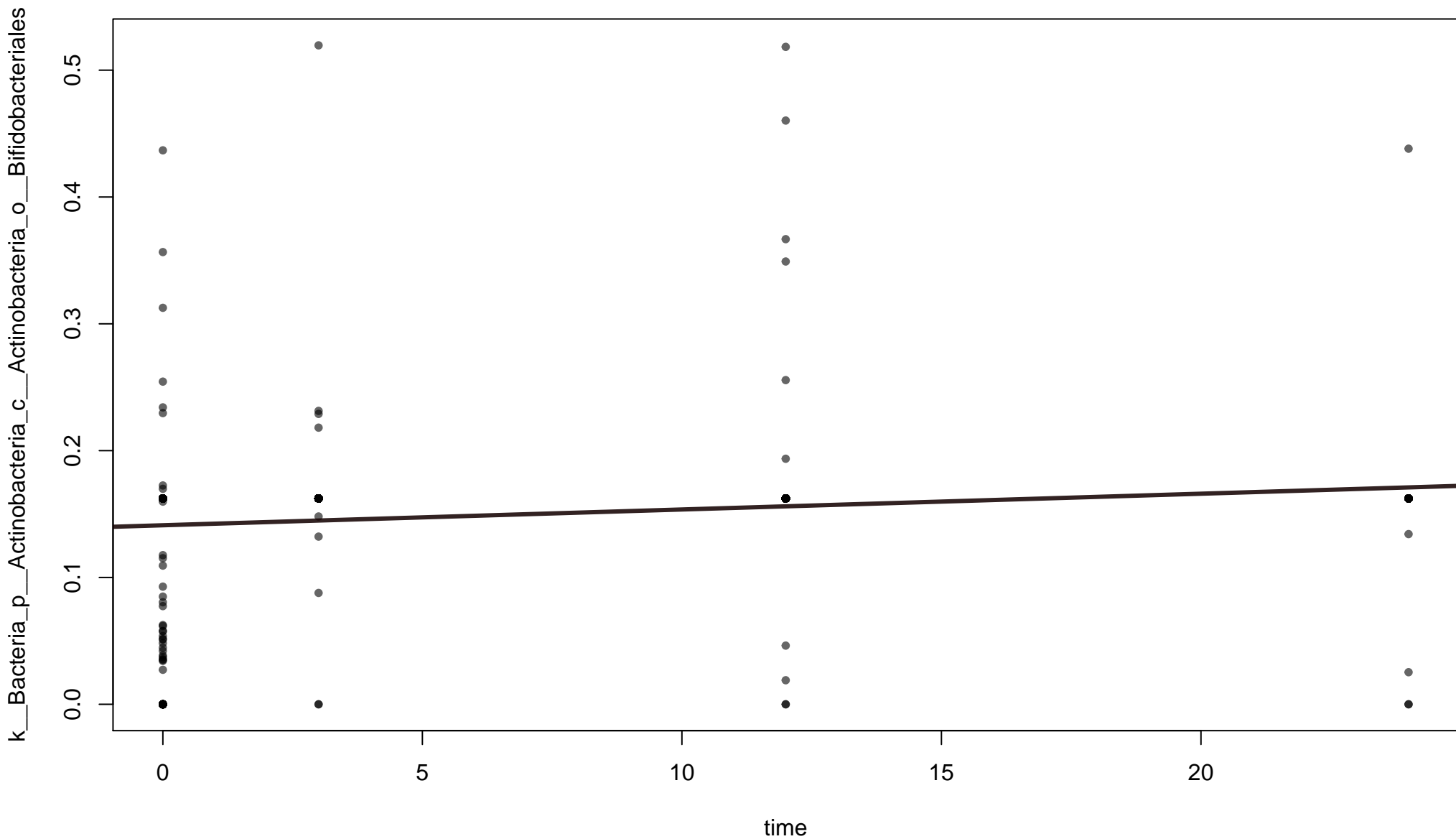
g_Parabacteroides_s_Parabacteroides_merdae_t_Parabacteroides_merdae_unclassified



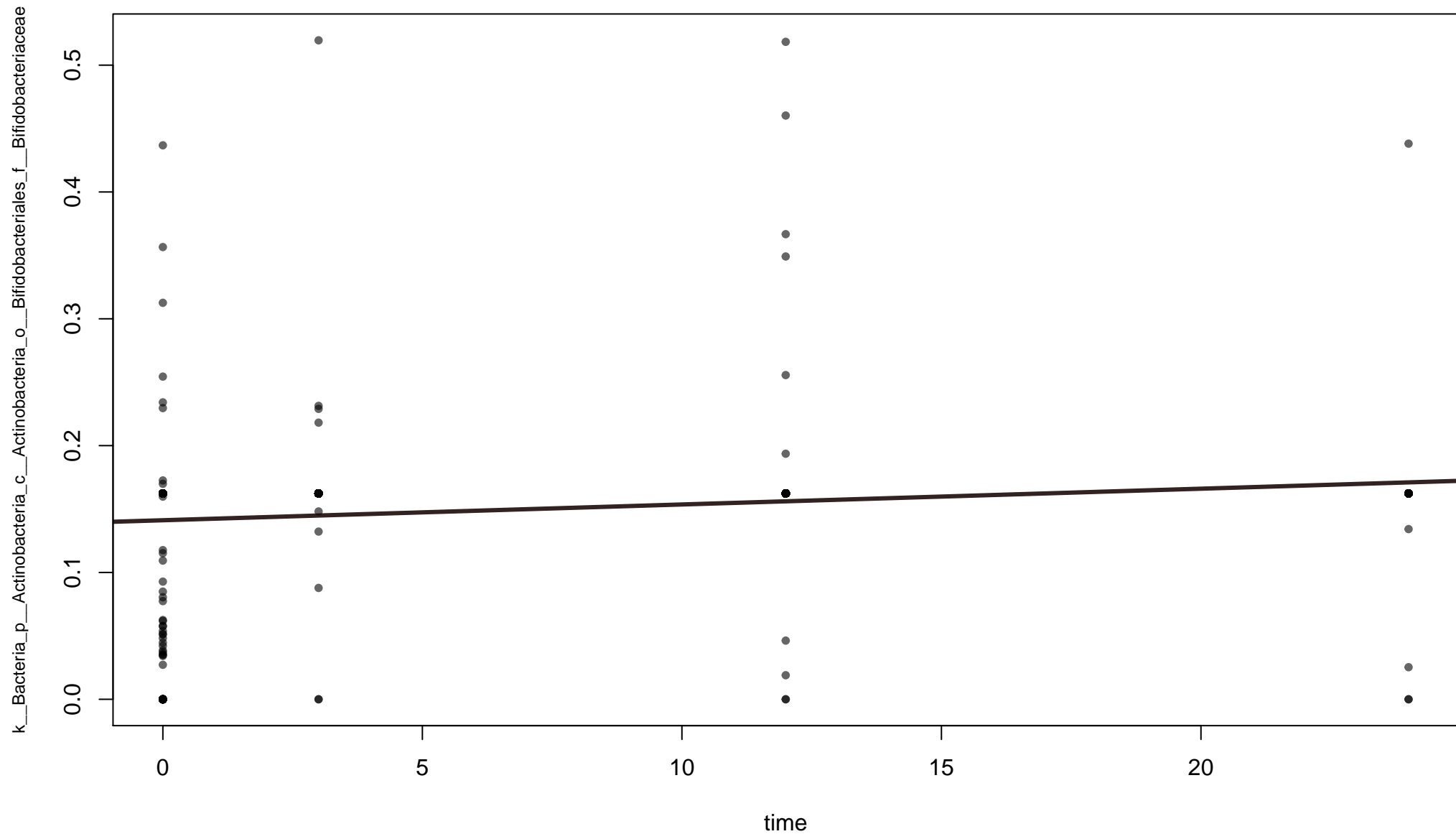
time (-0.00617 sd 0.00141 , $p=1.75e-05$, $q=0.000211$)



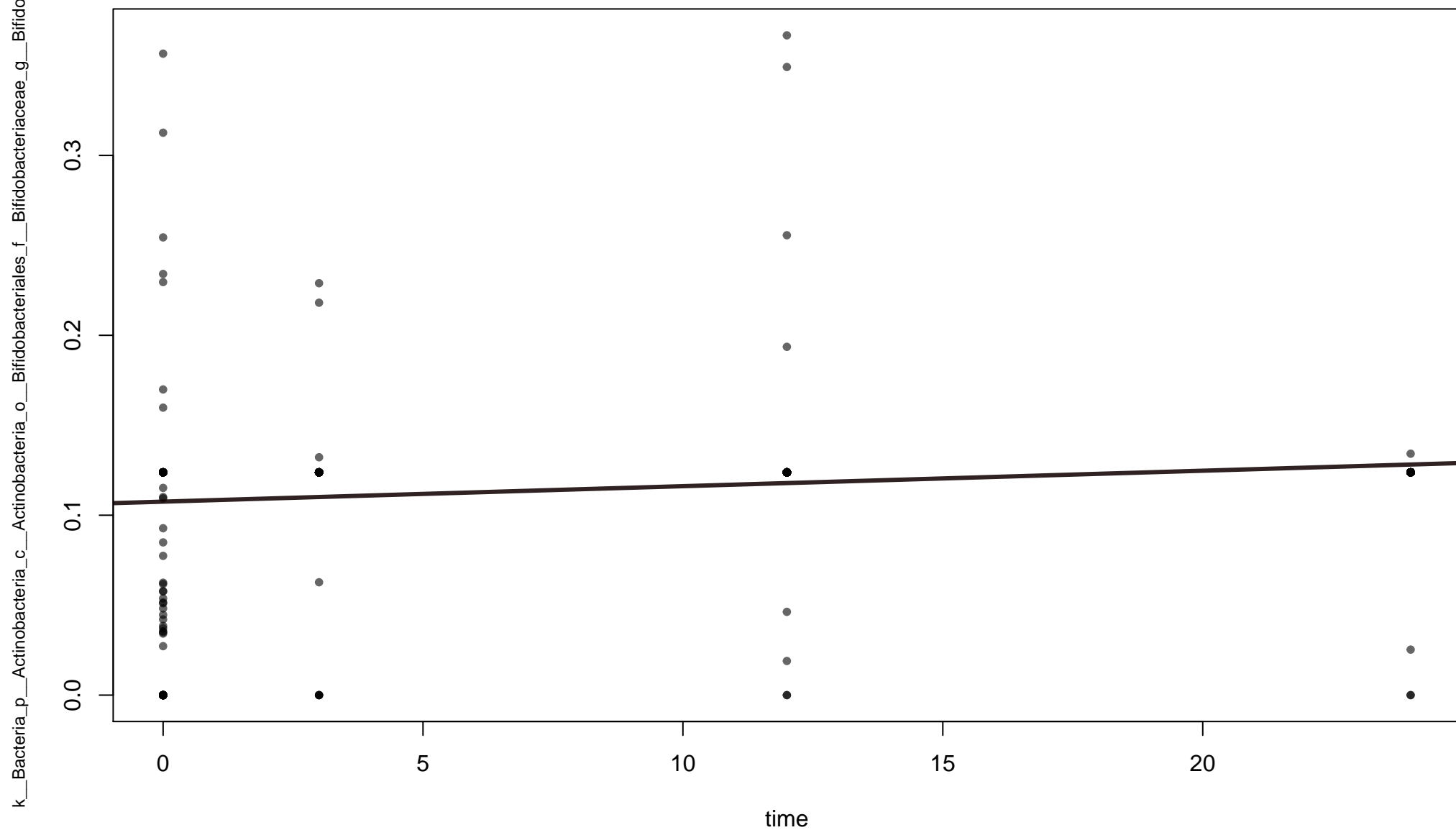
time (0.00125 sd 0.000288, p=1.92e-05, q=0.00023)



time (0.00125 sd 0.000288, p=1.92e-05, q=0.00023)

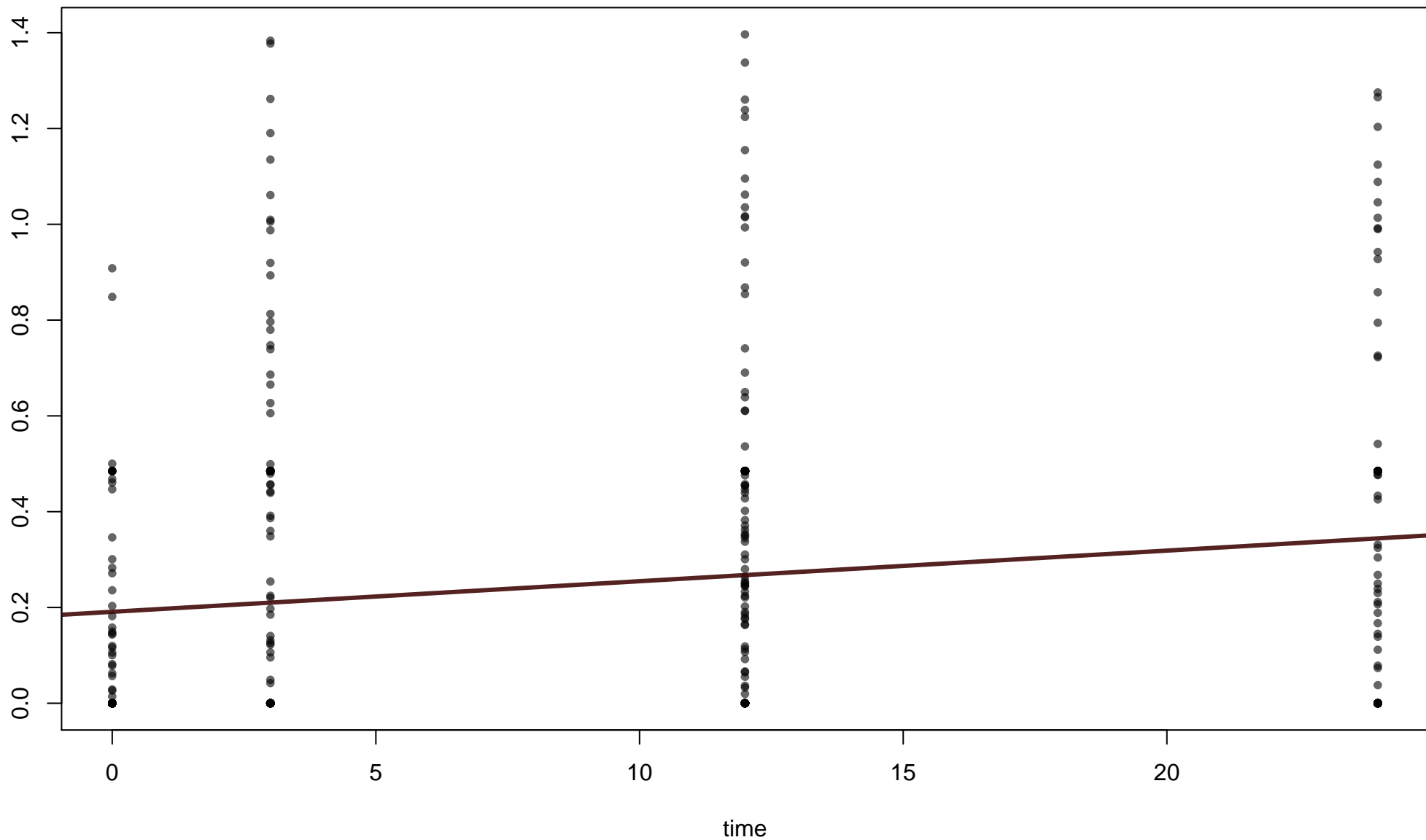


time (0.000877 sd 0.000206, p=2.82e-05, q=0.000336)

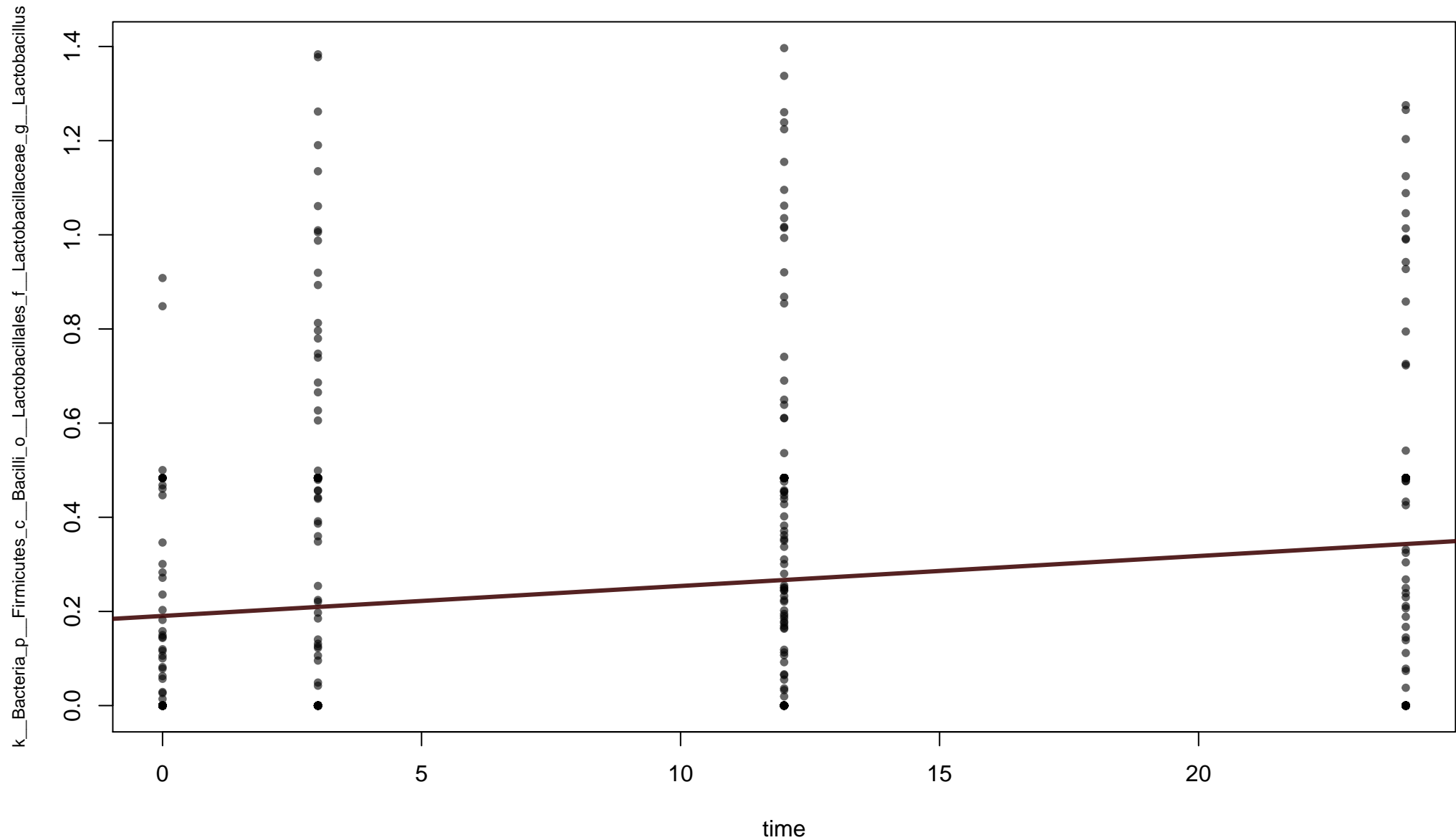


time (0.00629 sd 0.00152, p=4.37e-05, q=0.000519)

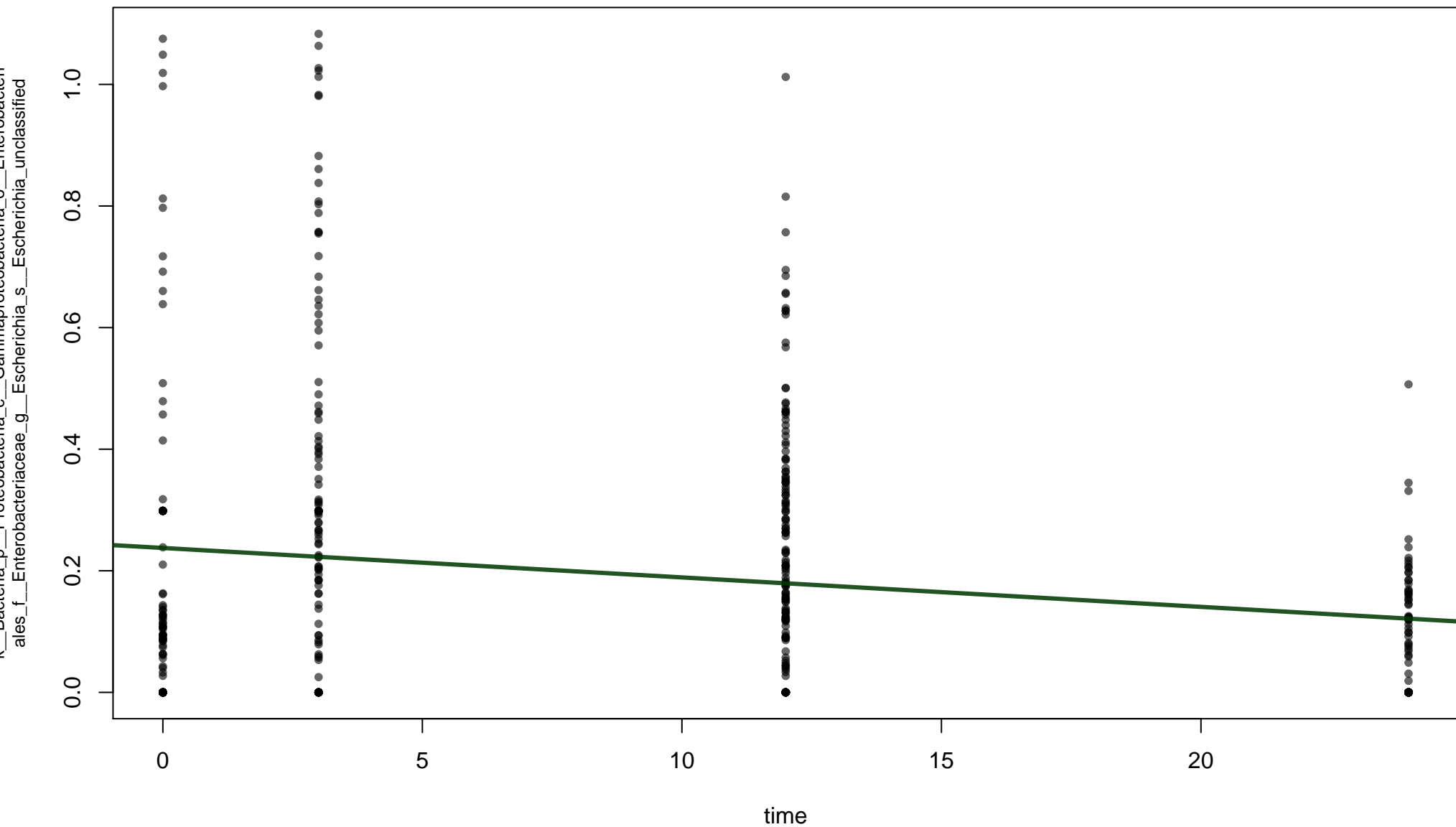
k__Bacteria_p__Firmicutes_c__Bacilli_o__Lactobacillales_f__Lactobacillaceae



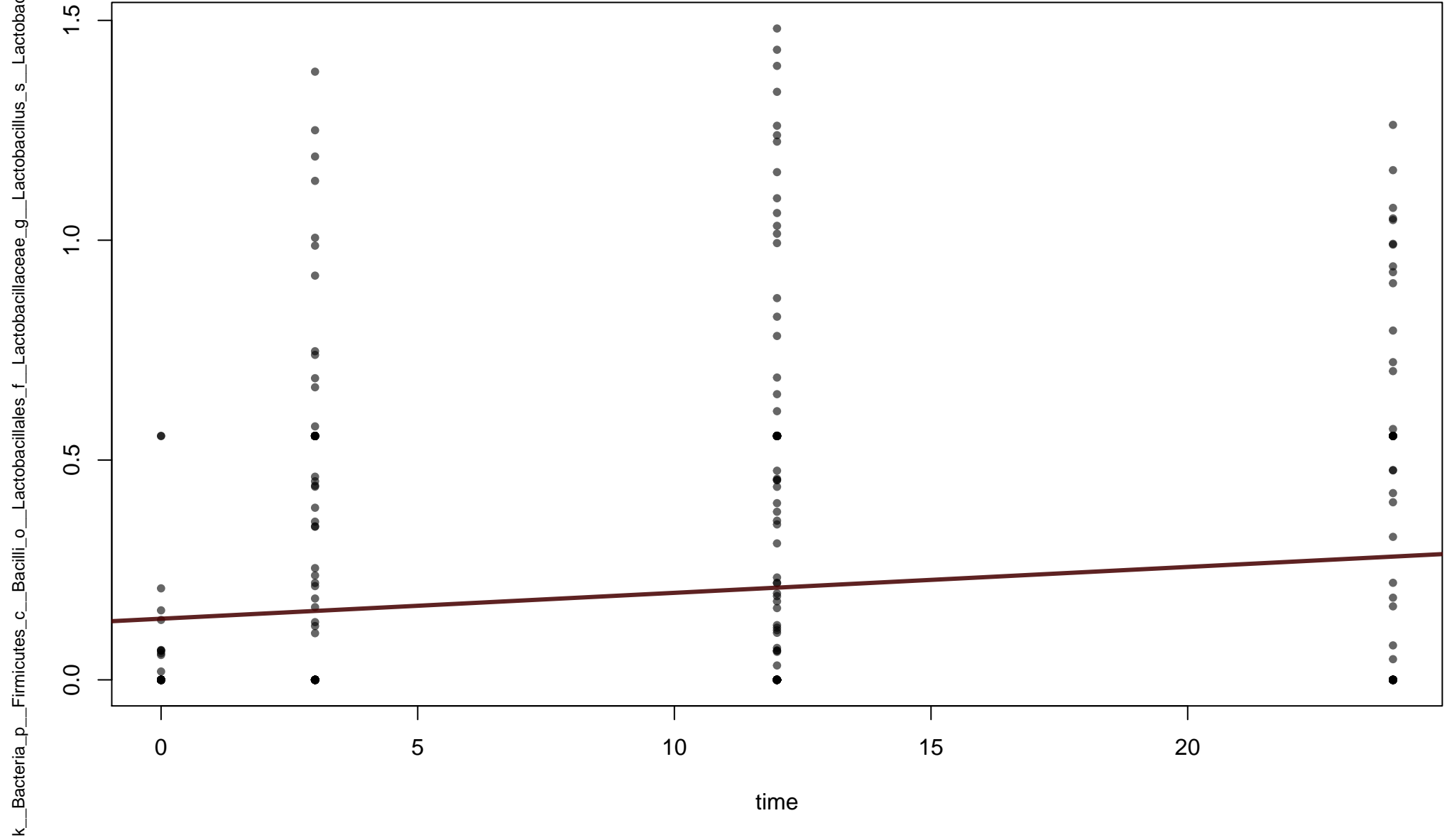
time (0.00627 sd 0.00152, p=4.61e-05, q=0.000545)



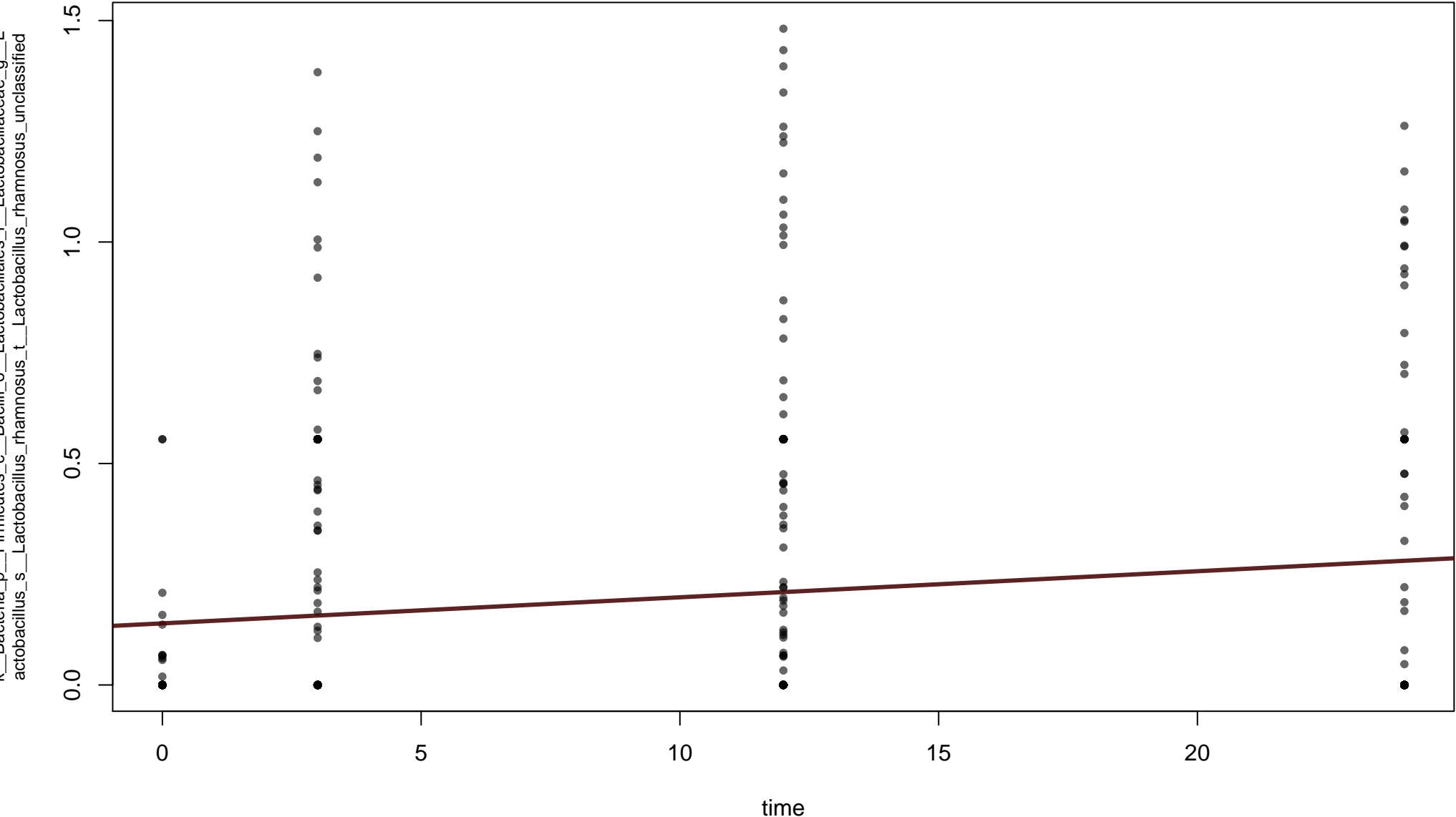
time (-0.00489 sd 0.00119 , $p=4.95e-05$, $q=0.000583$)



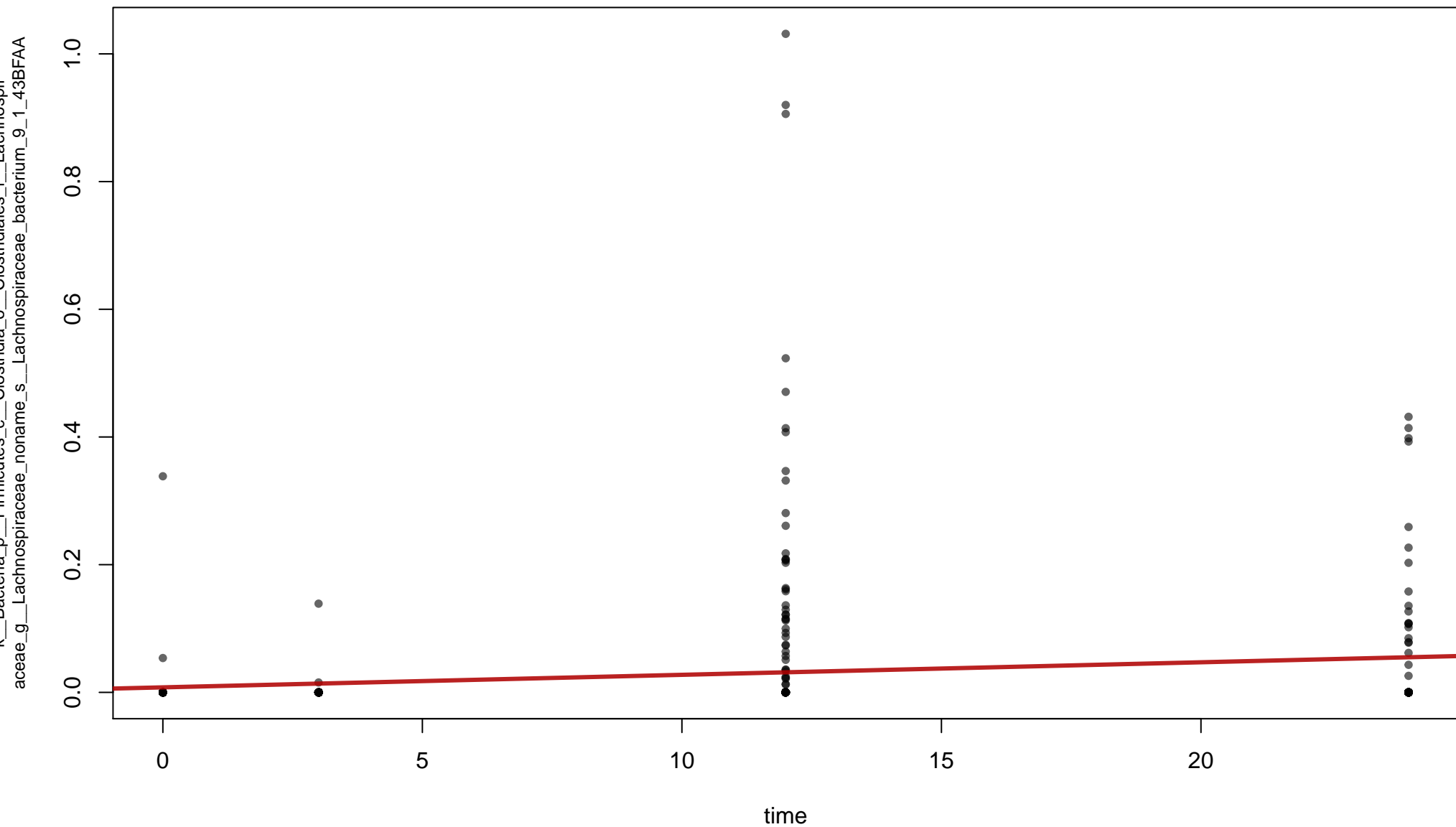
time (0.0057 sd 0.0014, p=5.64e-05, q=0.00066)



time (0.0057 sd 0.0014, p=5.64e-05, q=0.00066)

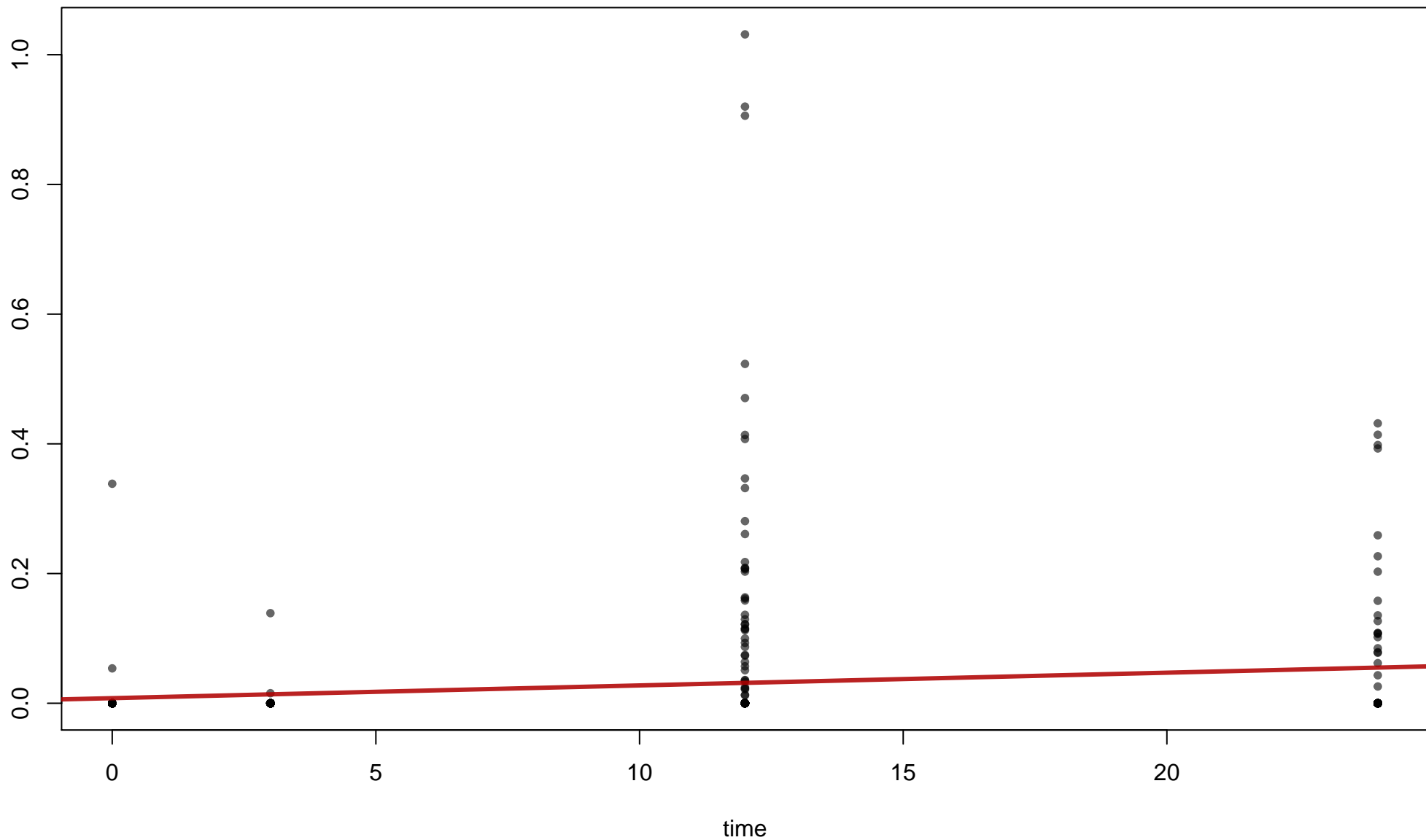


time (0.00197 sd 0.000498, p=9.51e-05, q=0.00109)

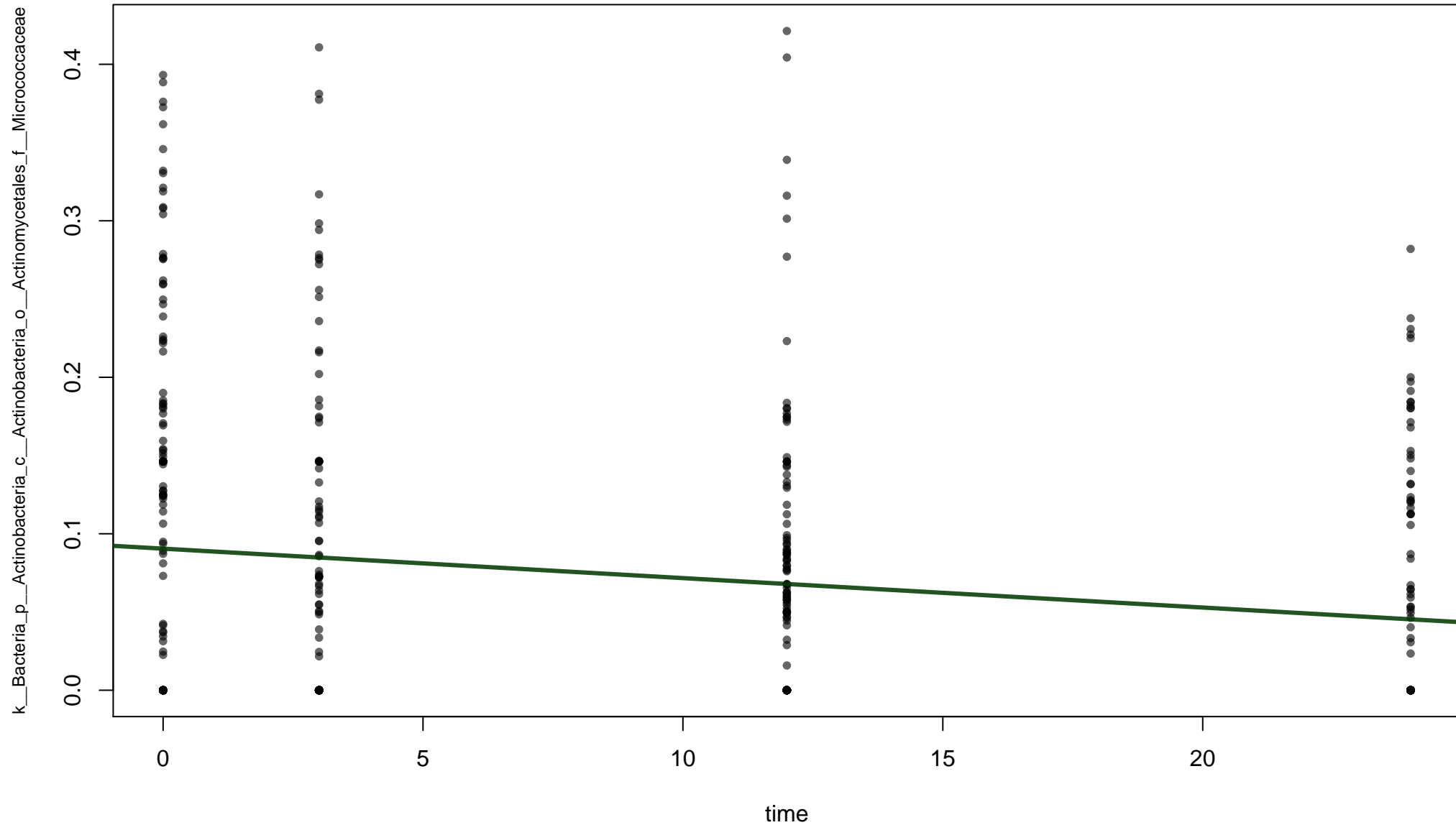


time (0.00197 sd 0.000498, p=9.51e-05, q=0.00109)

K__Bacteria_p__Firmicutes_o__Clostridia_c__Clostridiales_f__Lachnospiraceae_g__
Lachnospiraceae_bacterium_9_1_43BFAA_t__GCF_000209445

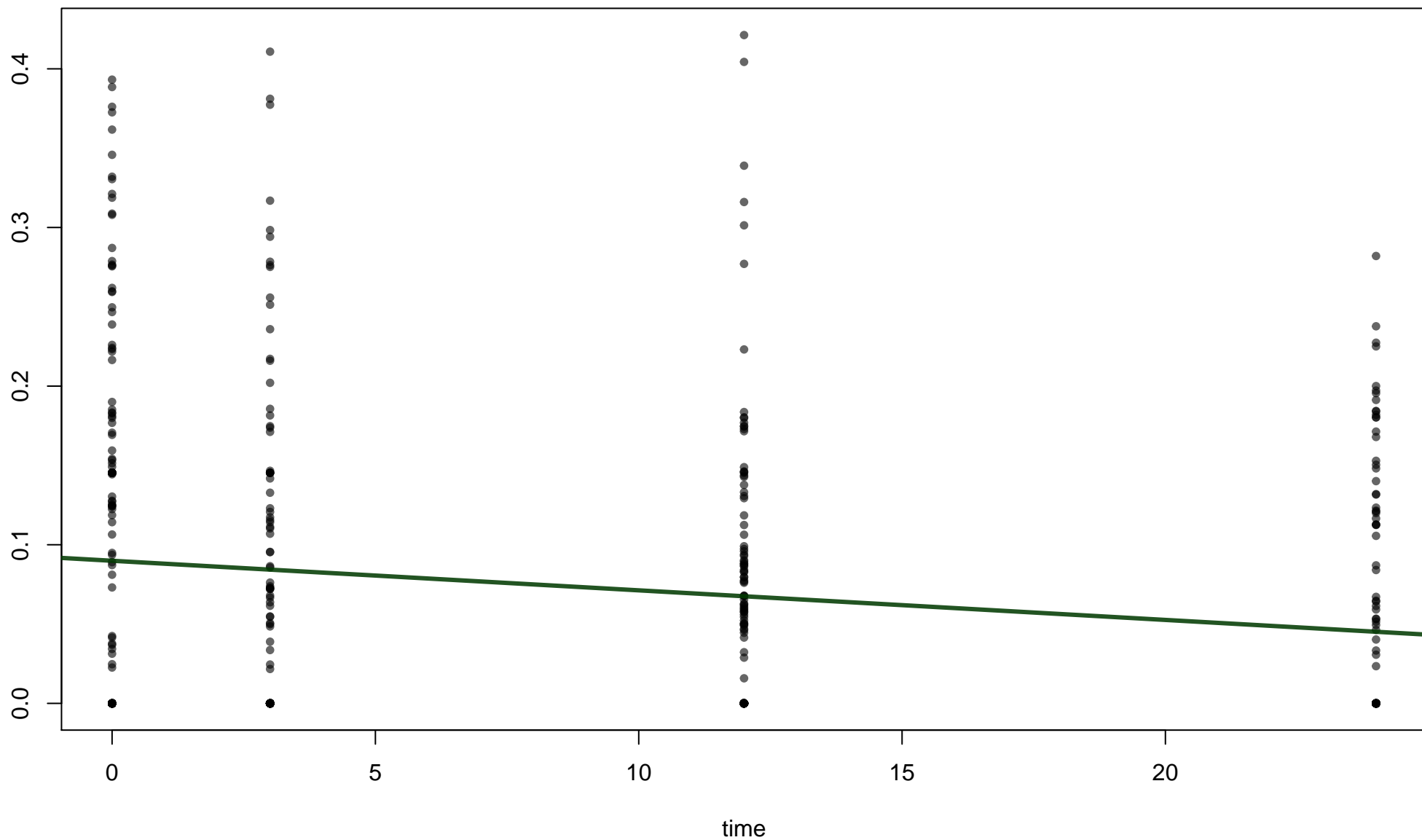


time (-0.00184 sd 0.000479 , $p=0.000152$, $q=0.00173$)



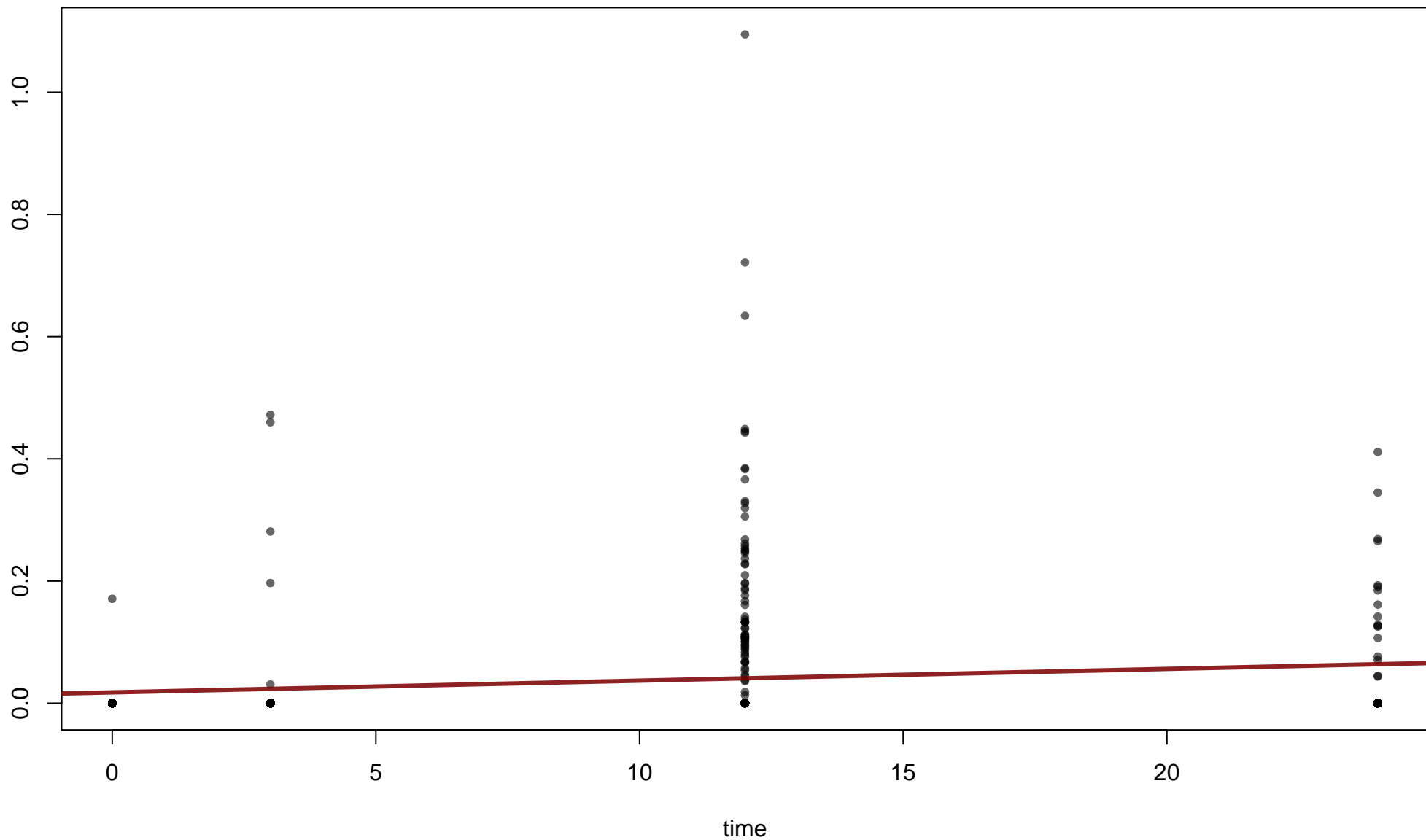
time (-0.00182 sd 0.000475 , $p=0.000154$, $q=0.00175$)

k__Bacteria_p_Actinobacteria_c_Actinobacteria_o_Actinomycetales_f_Micrococccaceae_g_Rothia

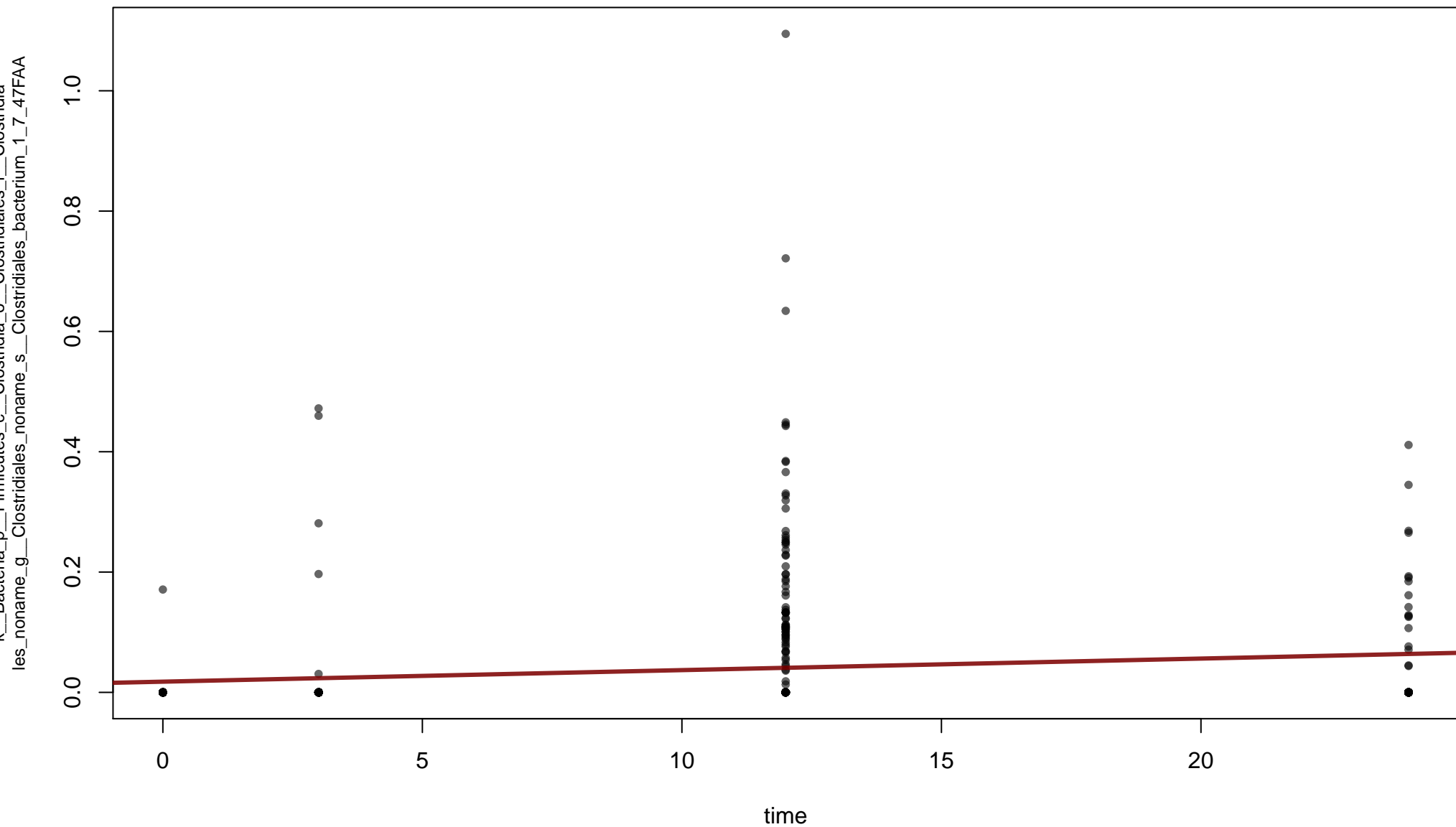


time (0.00193 sd 0.000512, p=0.000191, q=0.00215)

k__Bacteria_p__Firmicutes_c__Clostridia_o__Clostridiales_f__Clostridiales_g__Clostridiales_naname

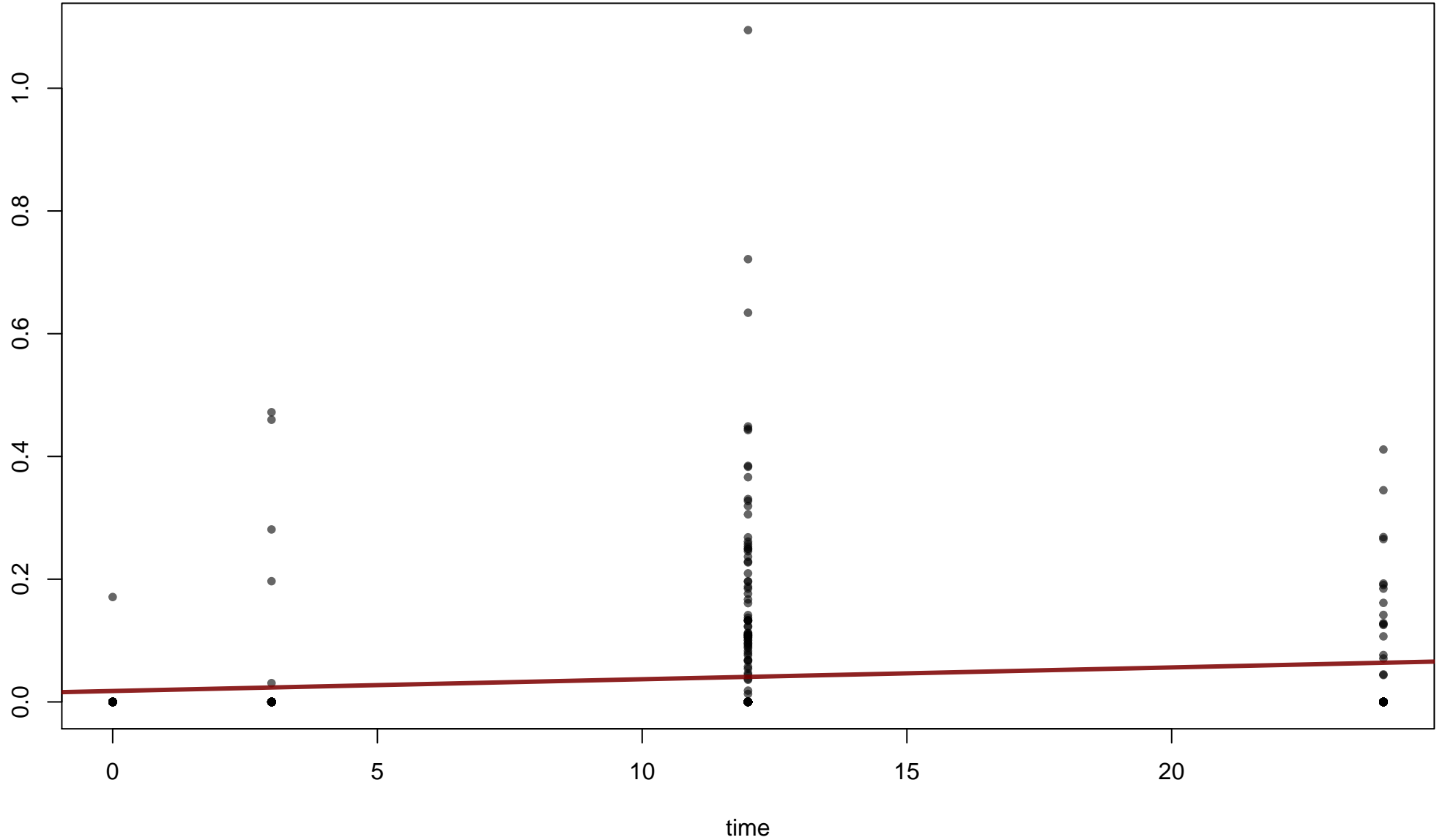


time (0.00193 sd 0.000512, p=0.000191, q=0.00215)

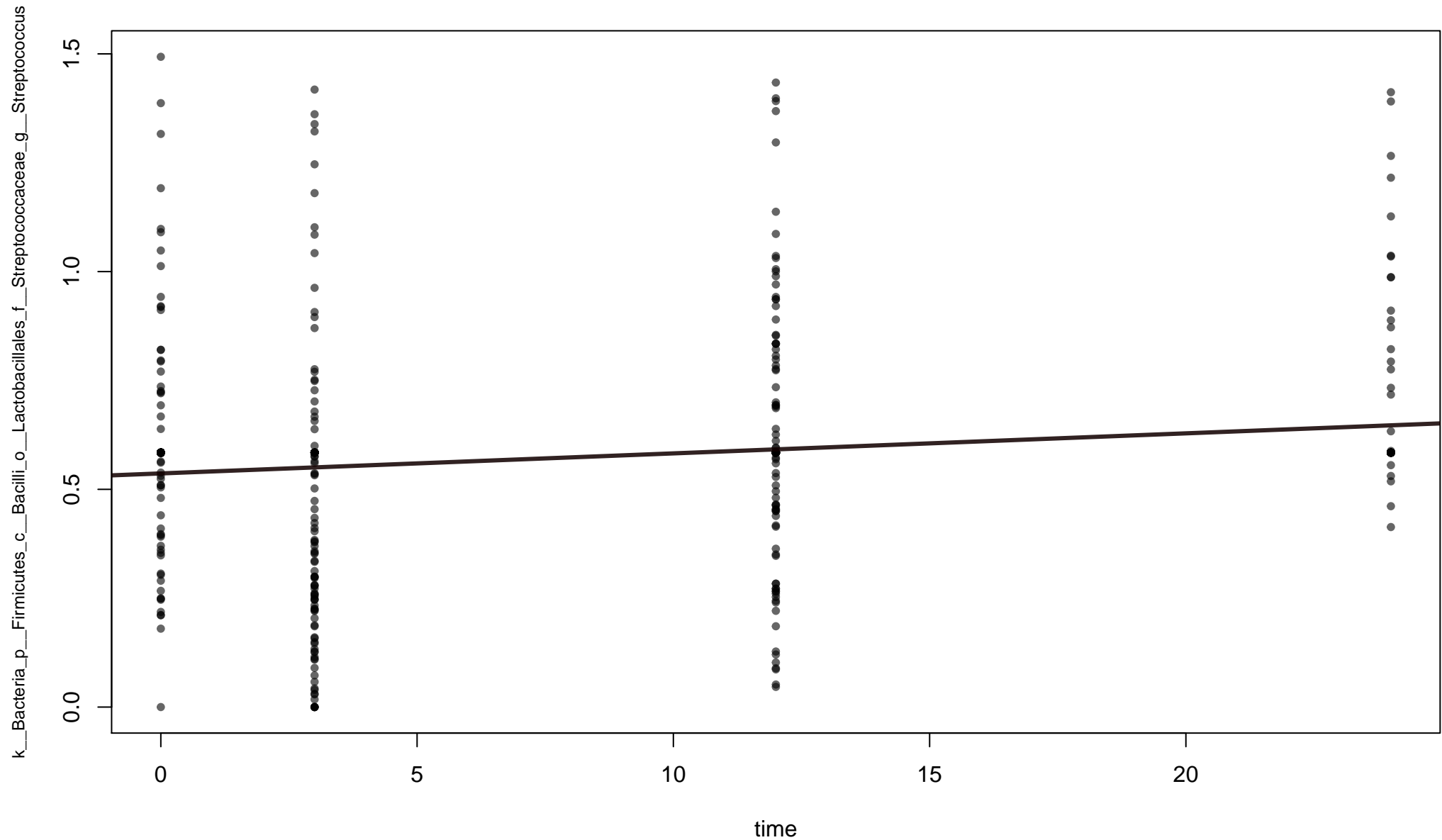


time (0.00193 sd 0.000512, p=0.000191, q=0.00215)

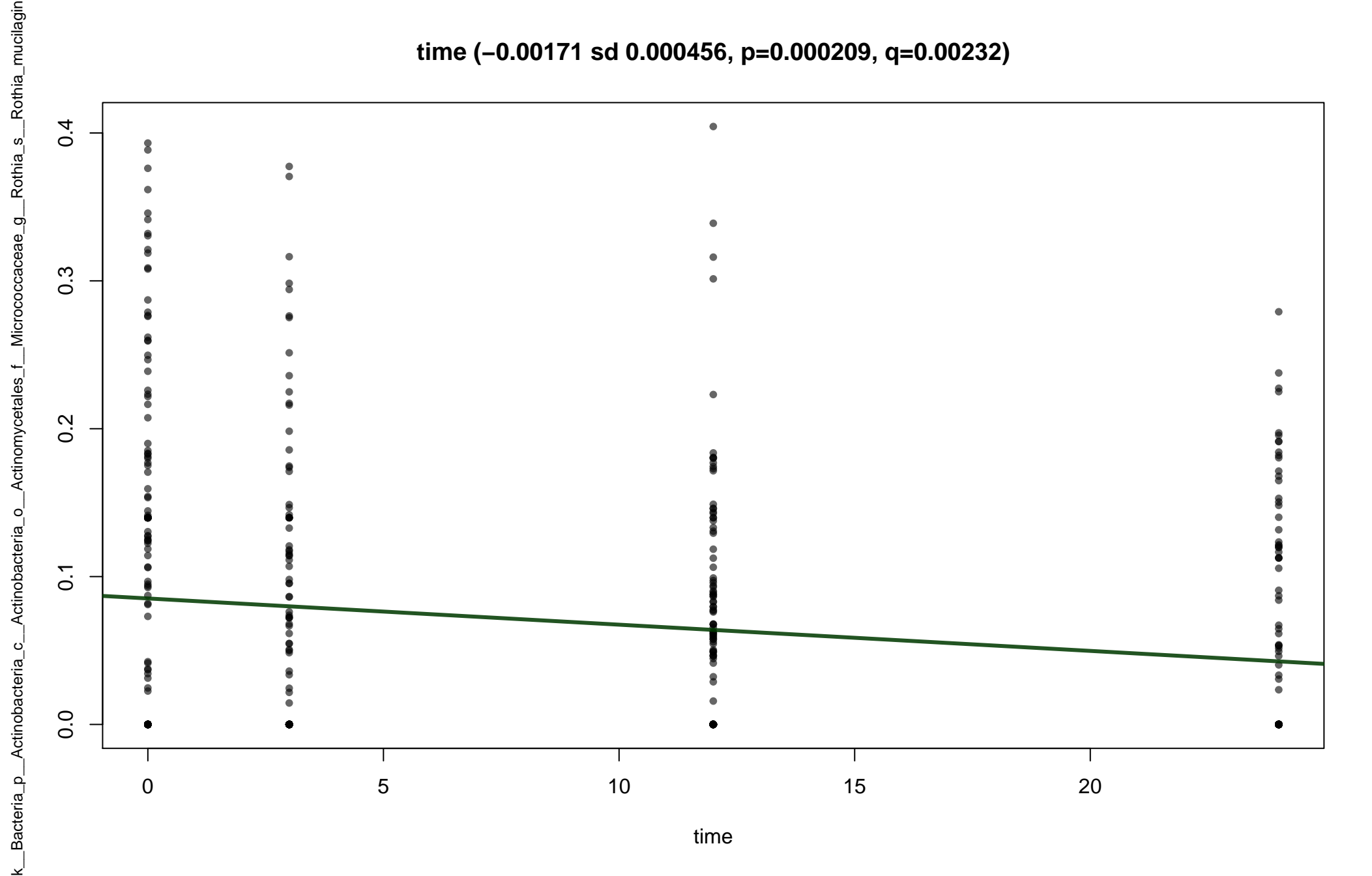
e_g_Clostridiales_noname_s_Clostridiales_bacterium_1_7_47FAA_t_GCF_000155435



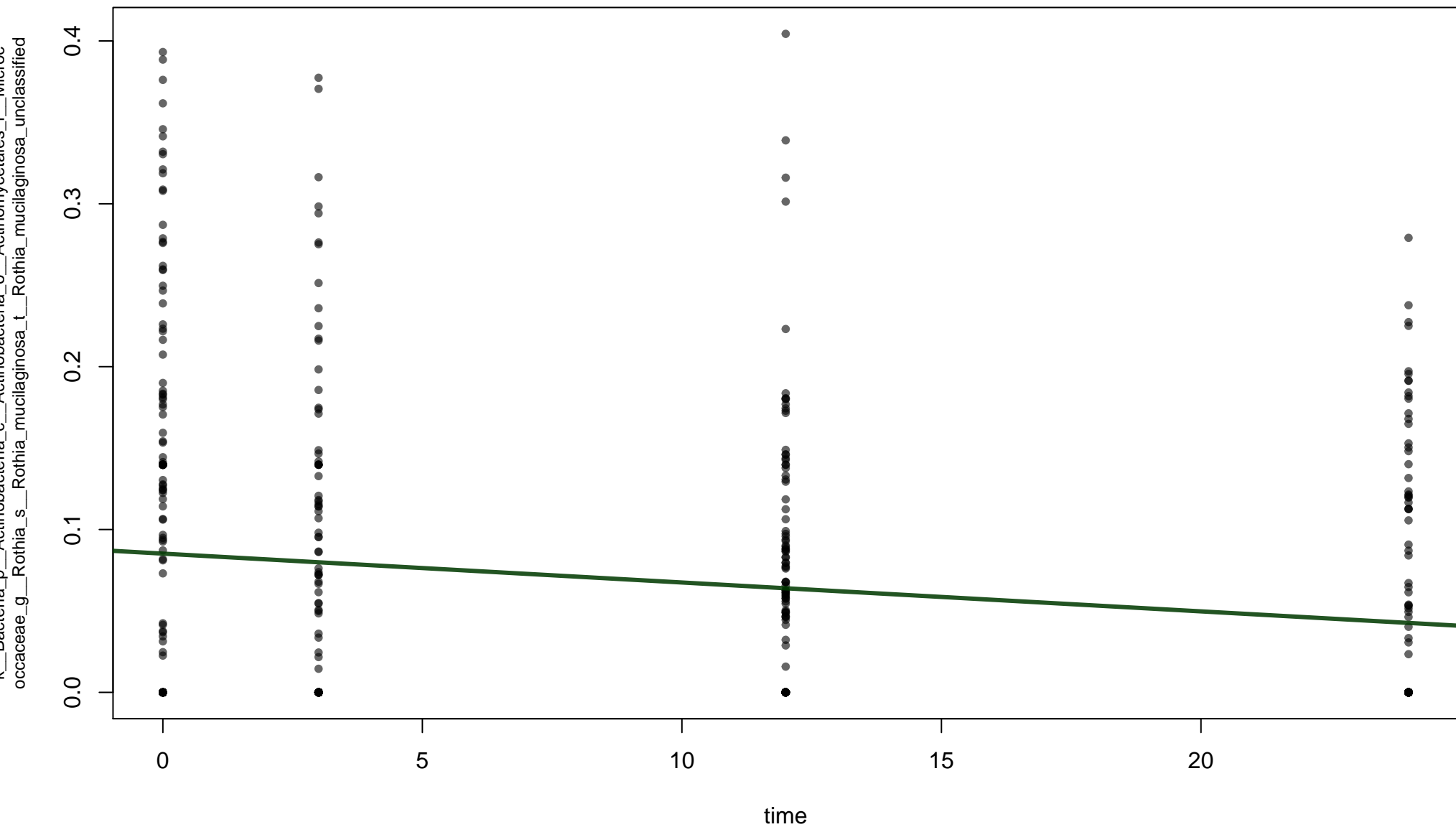
time (0.00468 sd 0.00125, p=0.000205, q=0.00229)



time (−0.00171 sd 0.000456, p=0.000209, q=0.00232)

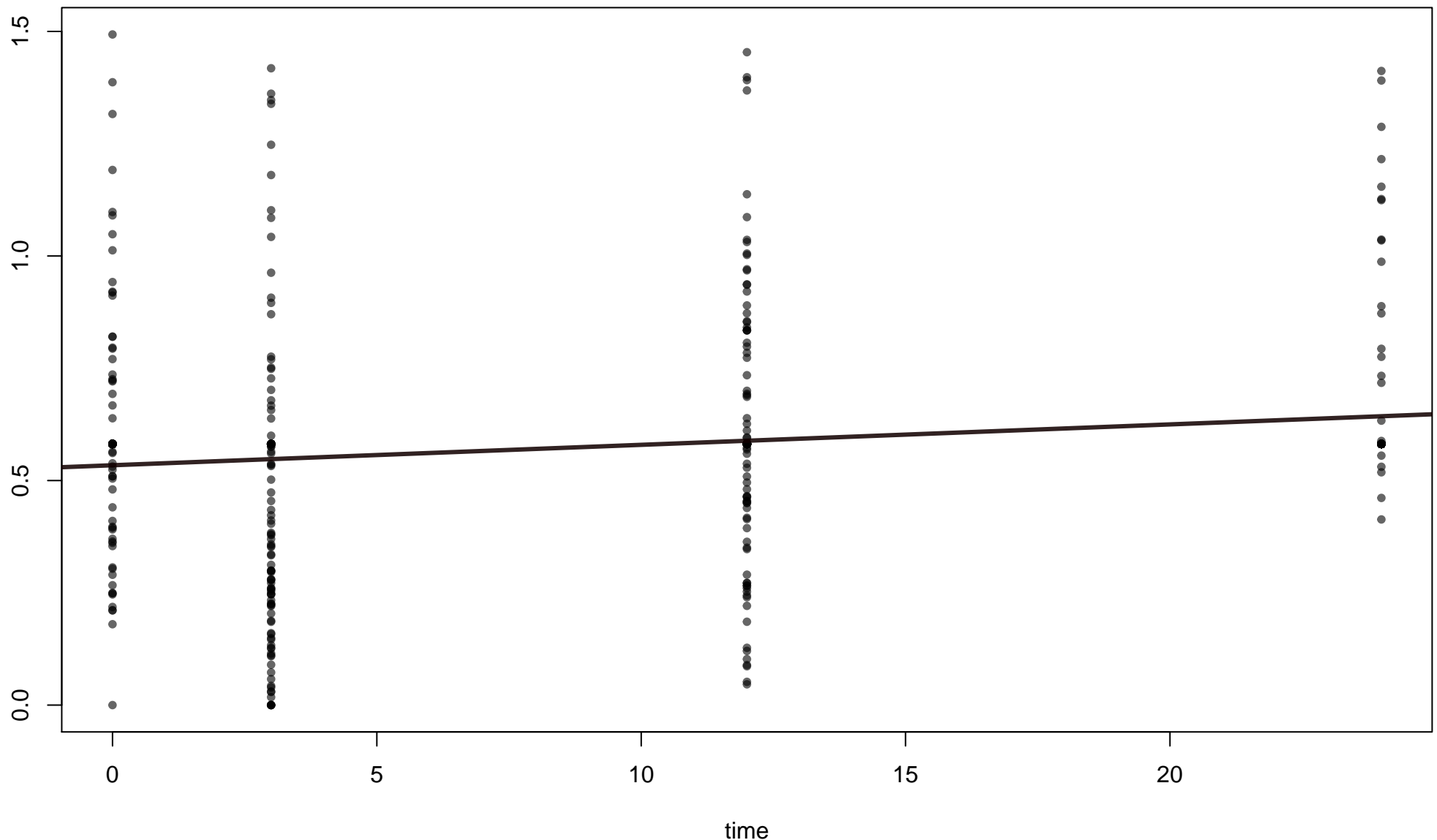


time (−0.00171 sd 0.000456, p=0.000209, q=0.00232)

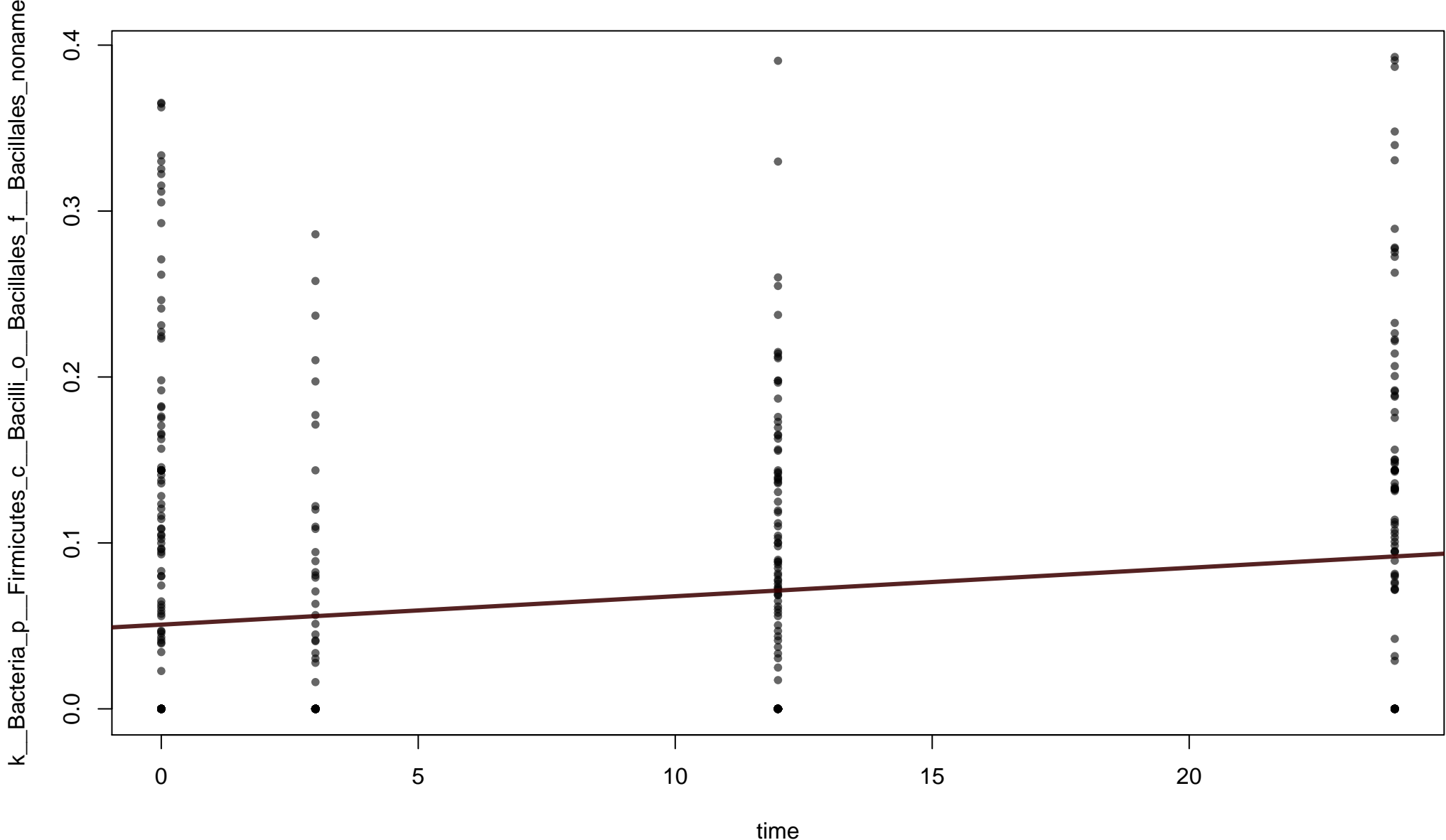


time (0.00465 sd 0.00124, p=0.000212, q=0.00235)

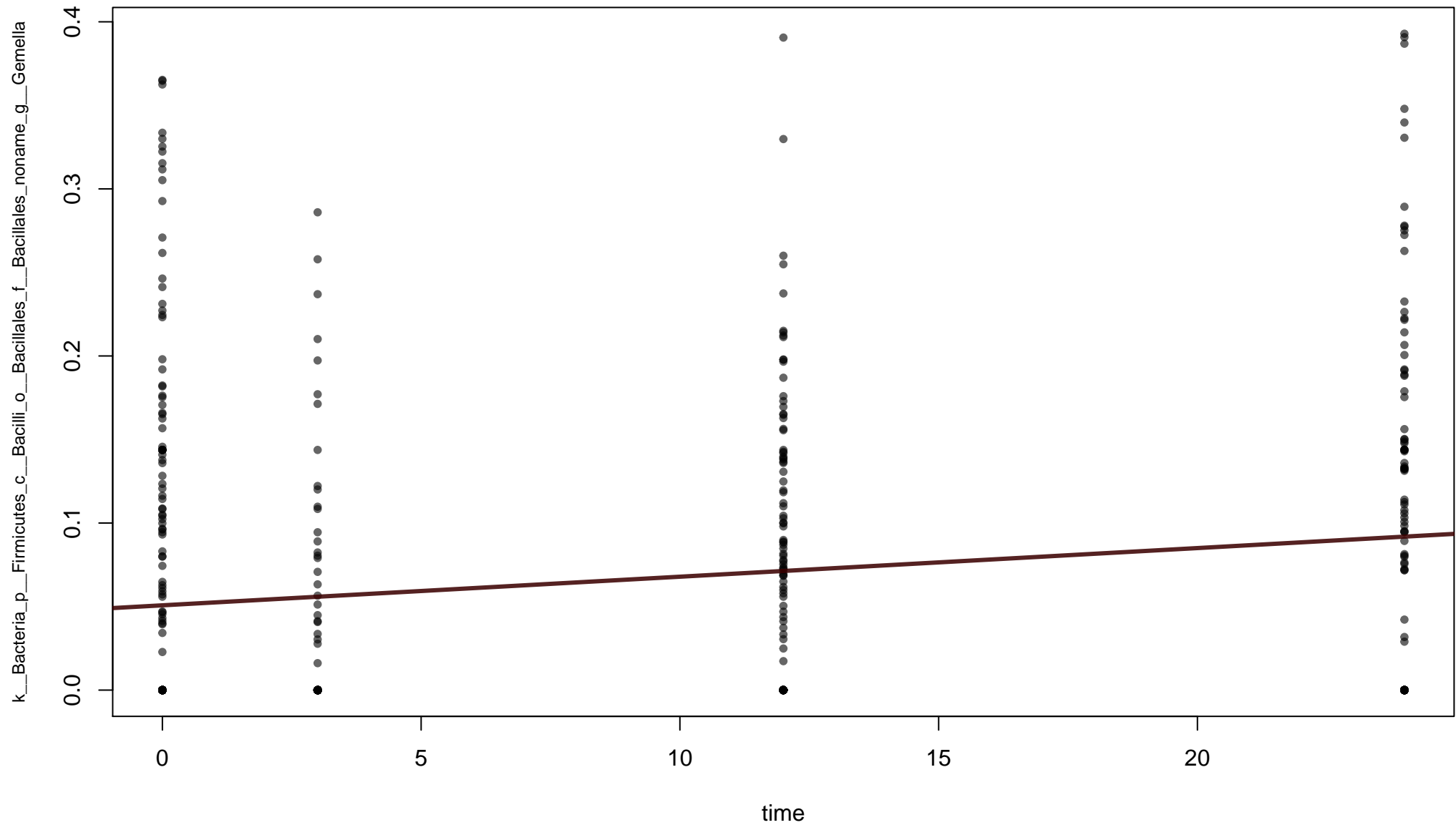
k__Bacteria_p__Firmicutes_c__Bacilli_o__Lactobacillales_f__Streptococcaceae



time (0.00171 sd 0.00046, p=0.000249, q=0.00273)

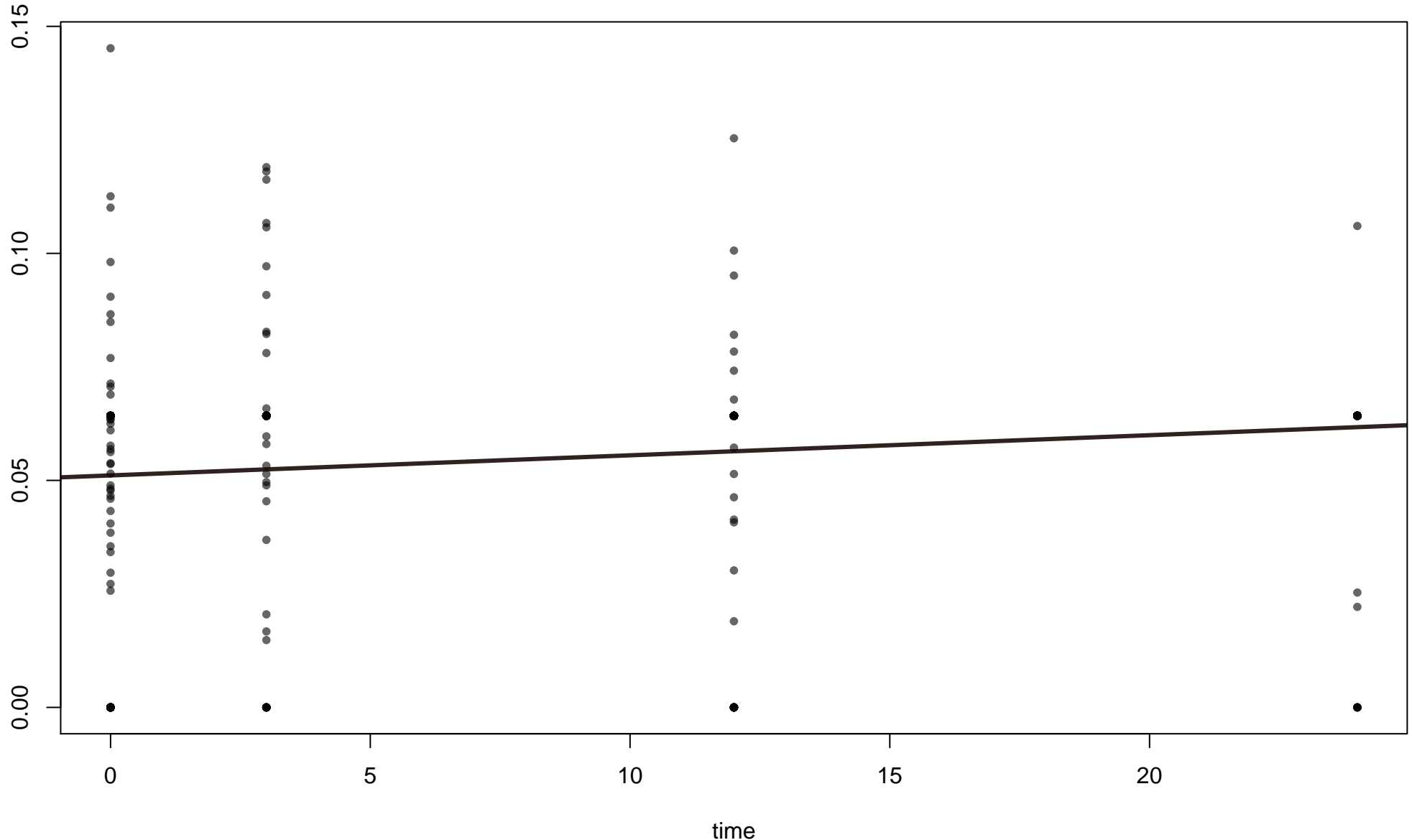


time (0.00171 sd 0.00046, p=0.000249, q=0.00273)

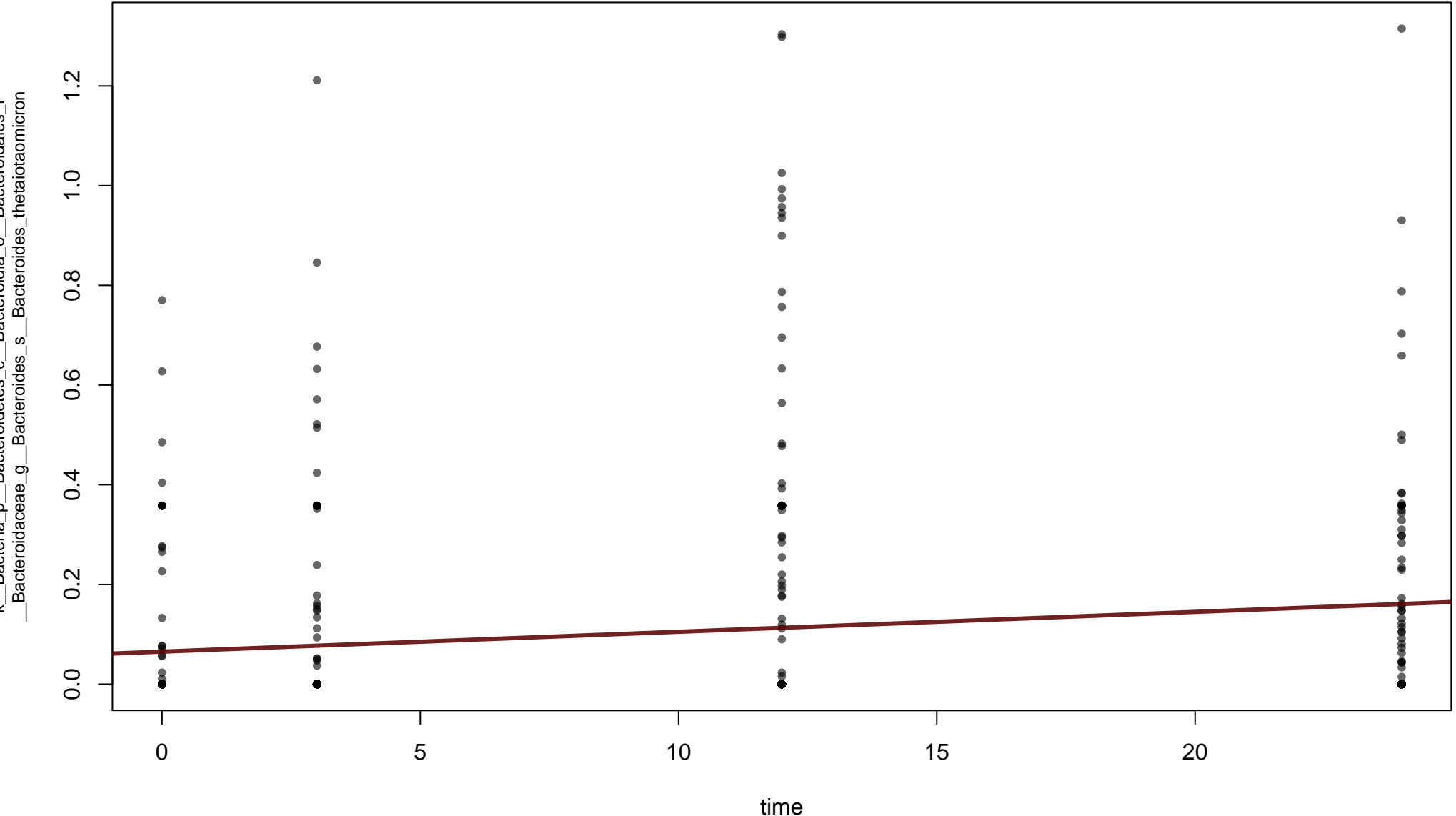


aeae_g_Bifidobacterium_s_Bifidobacterium_longum_t_Bifidobacterium_longum_unclassified

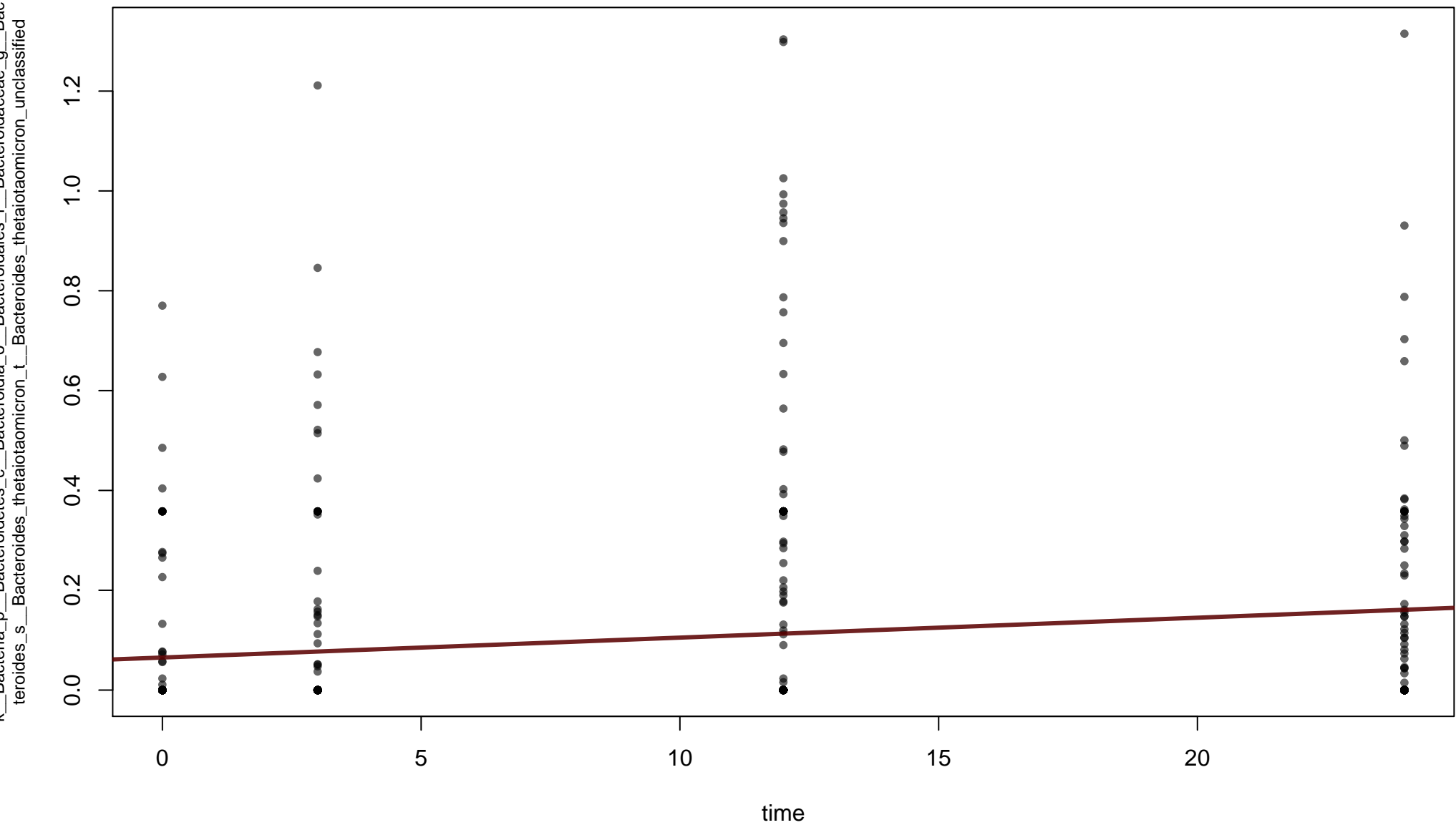
time (0.000447 sd 0.000121, p=0.000257, q=0.00281)



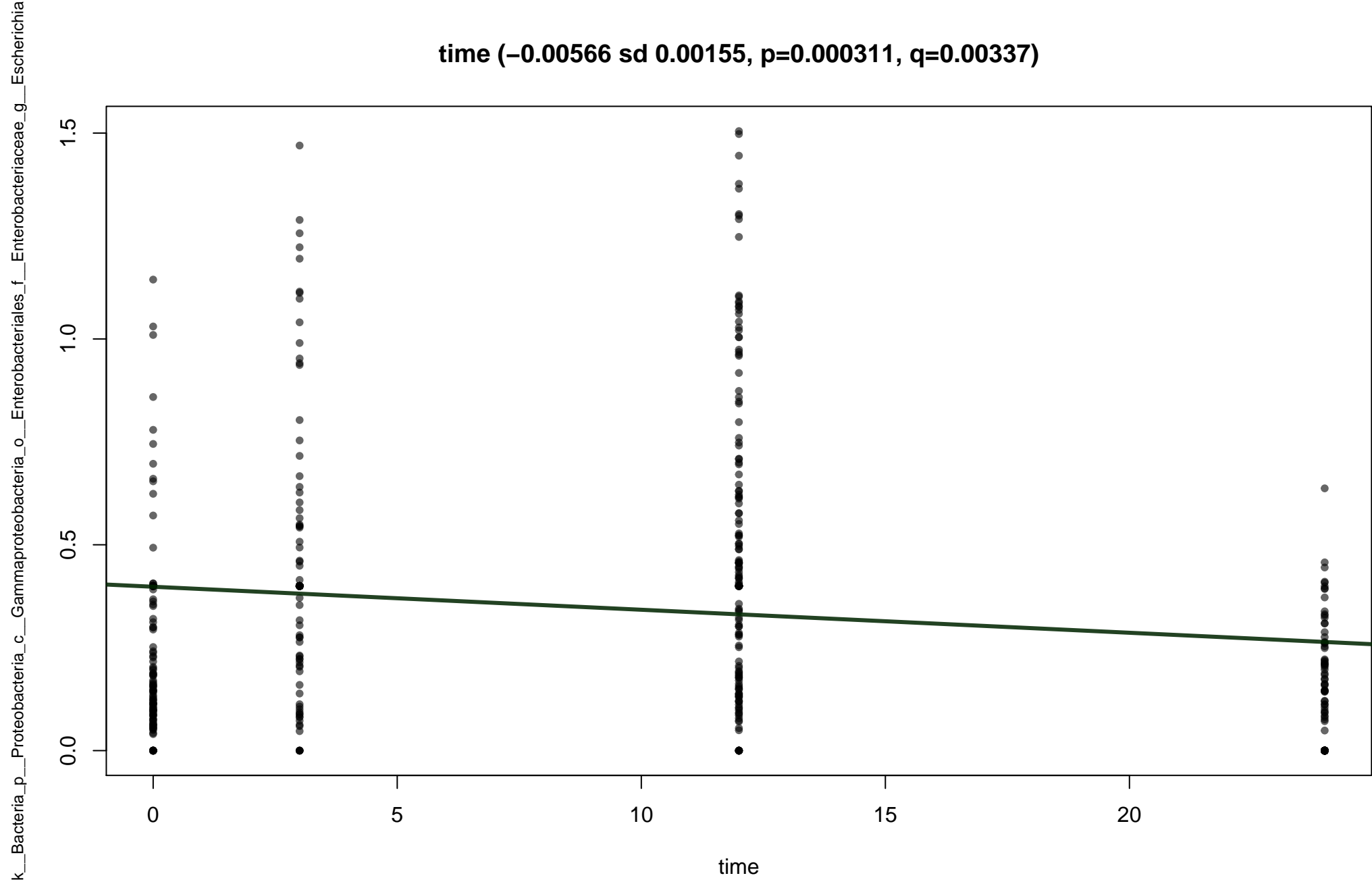
time (0.00374 sd 0.00101, p=0.000258, q=0.00282)



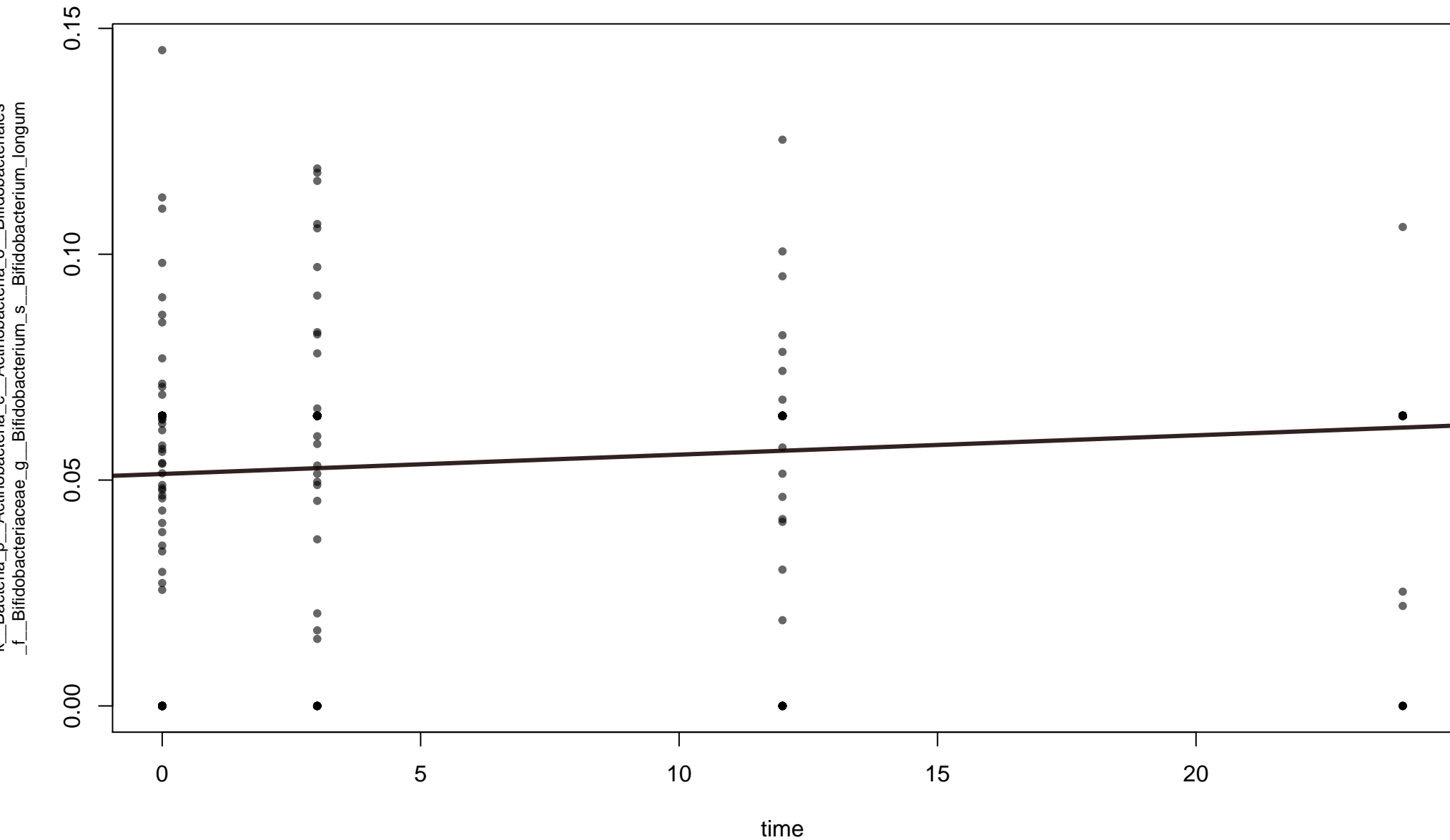
time (0.00374 sd 0.00101, p=0.000263, q=0.00286)



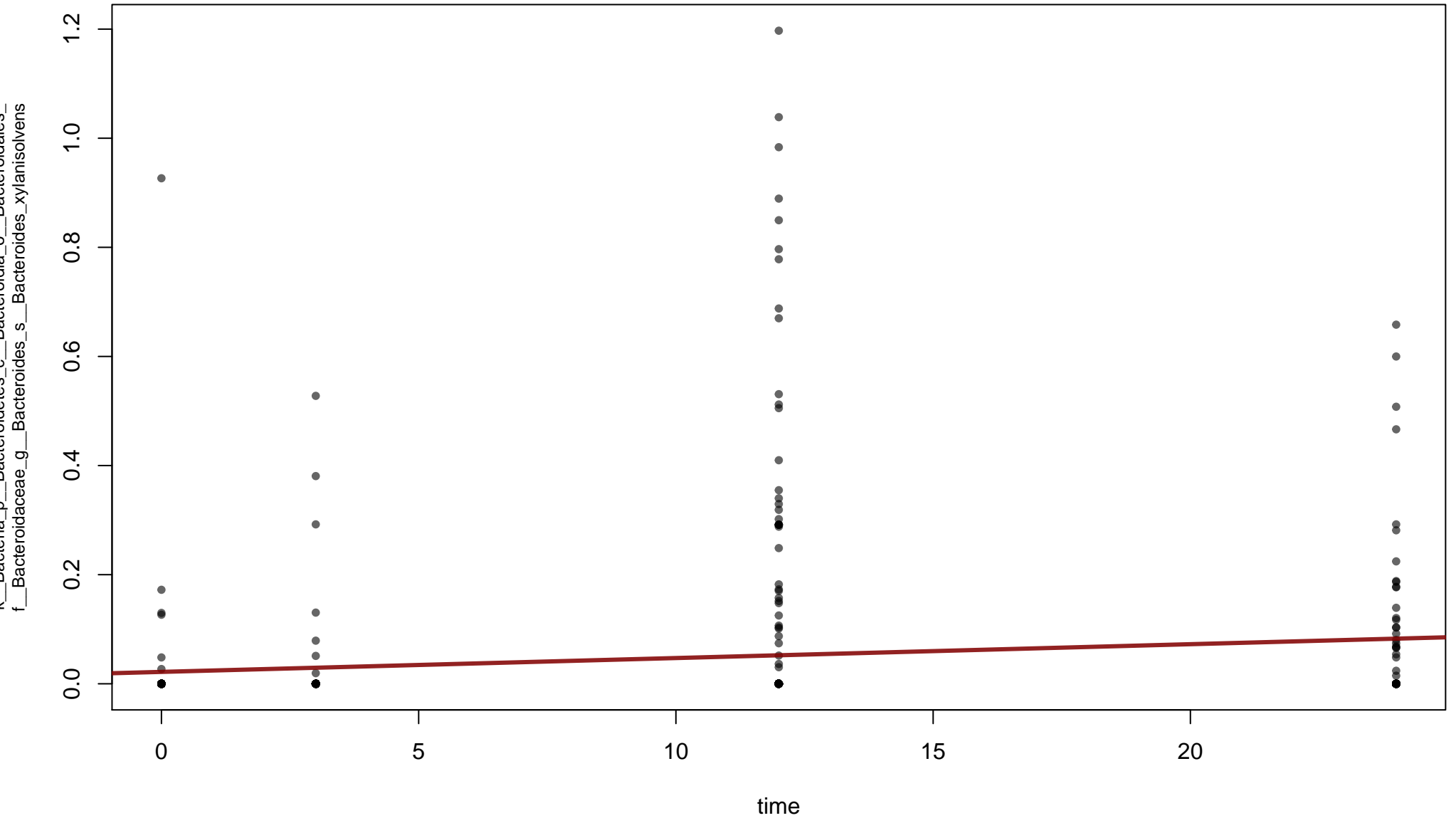
time (-0.00566 sd 0.00155 , $p=0.000311$, $q=0.00337$)



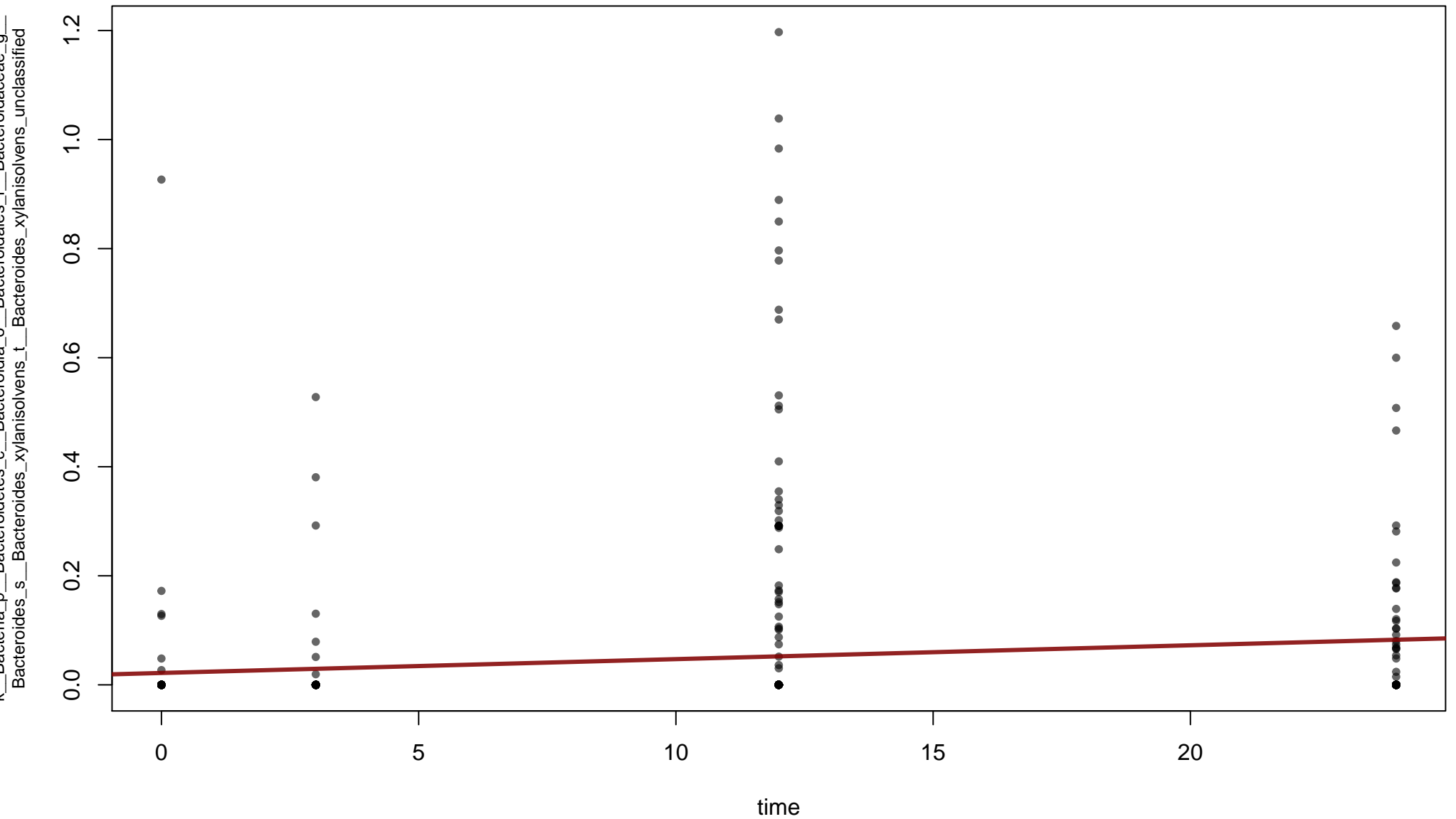
time (0.00043 sd 0.00012, p=0.000396, q=0.00428)



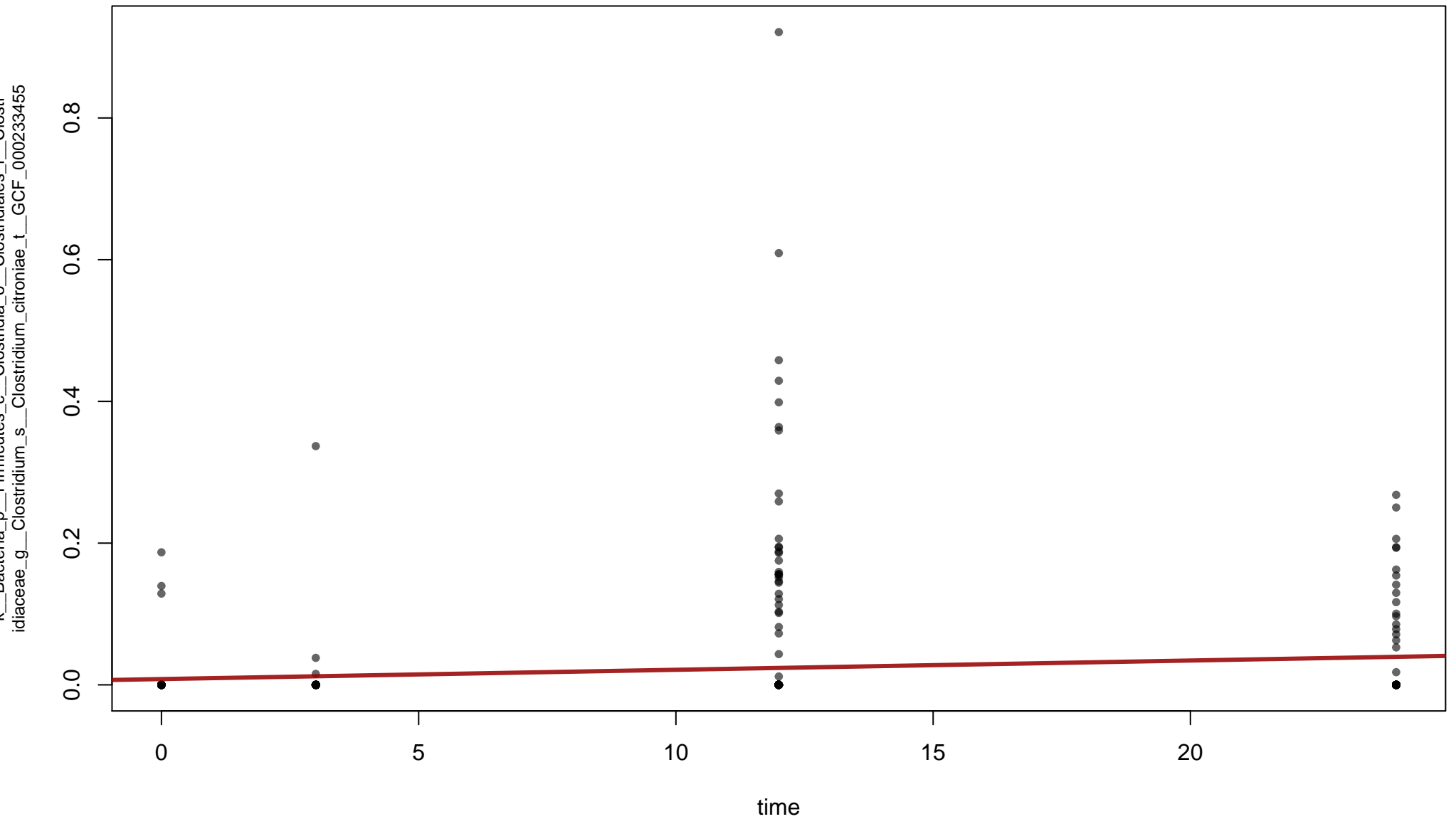
time (0.00251 sd 0.000723, p=0.0006, q=0.00637)



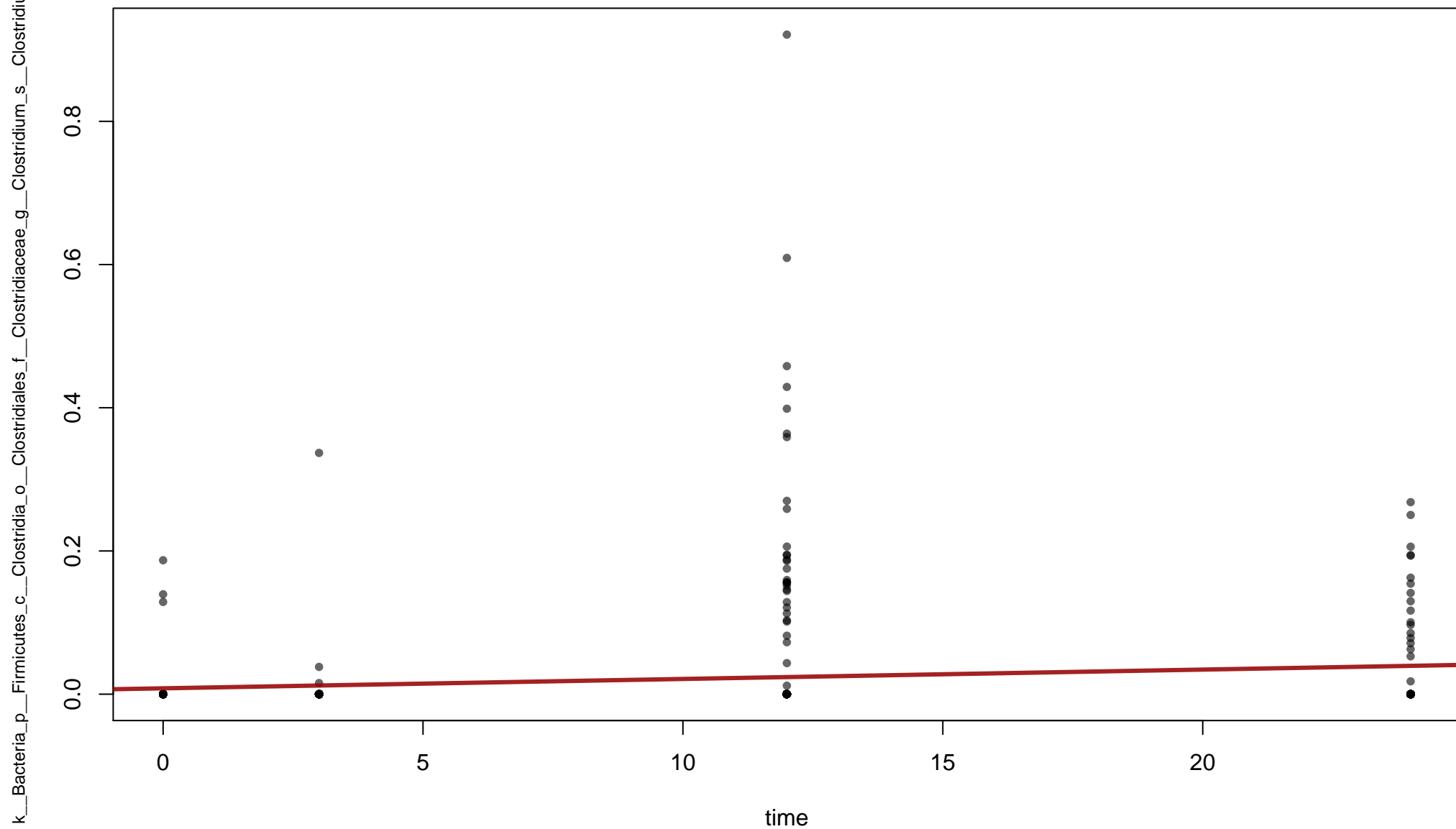
time (0.00251 sd 0.000723, p=0.0006, q=0.00637)



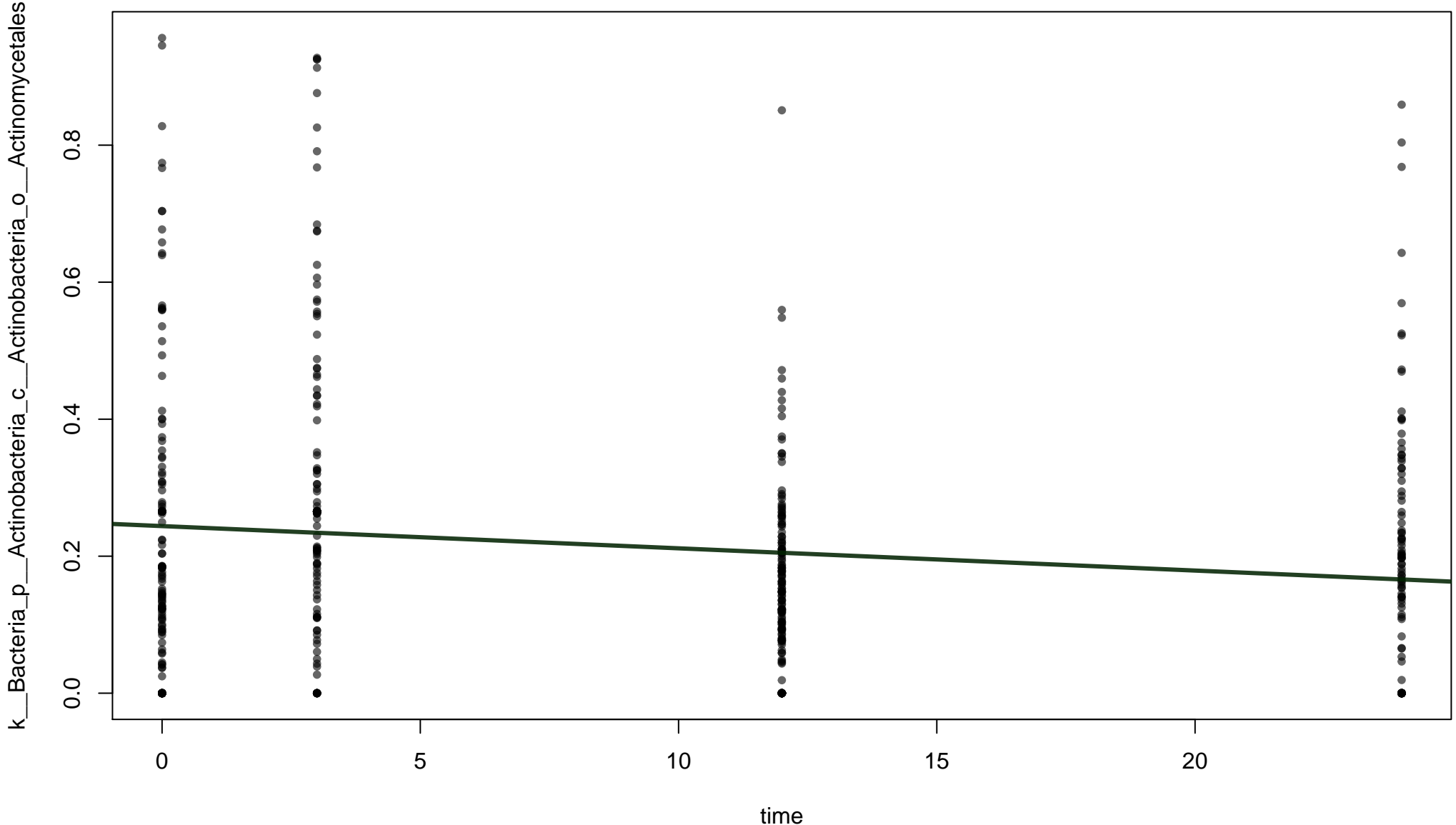
time (0.00131 sd 0.000383, p=0.000704, q=0.00744)



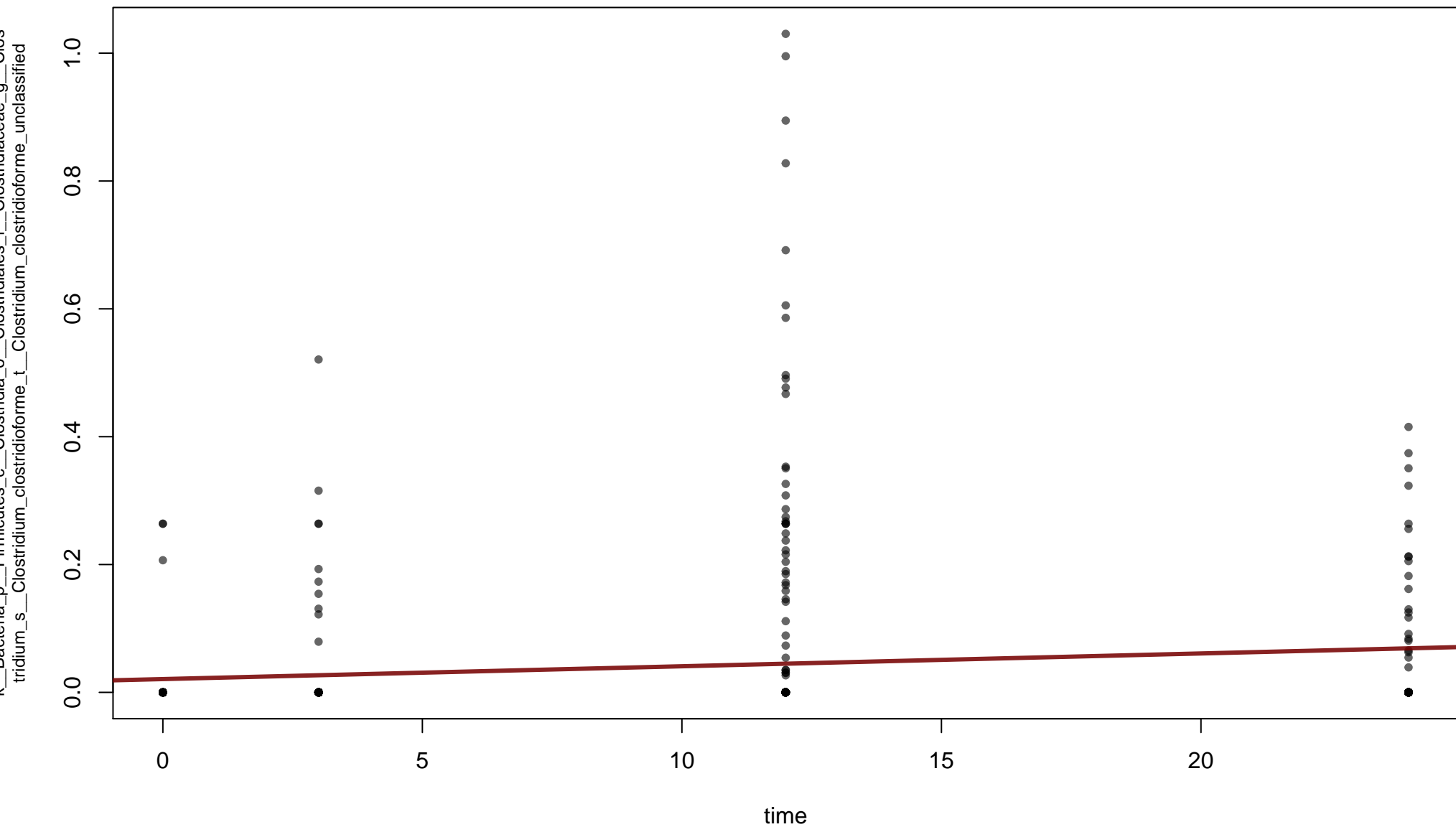
time (0.00131 sd 0.000383, p=0.000705, q=0.00744)



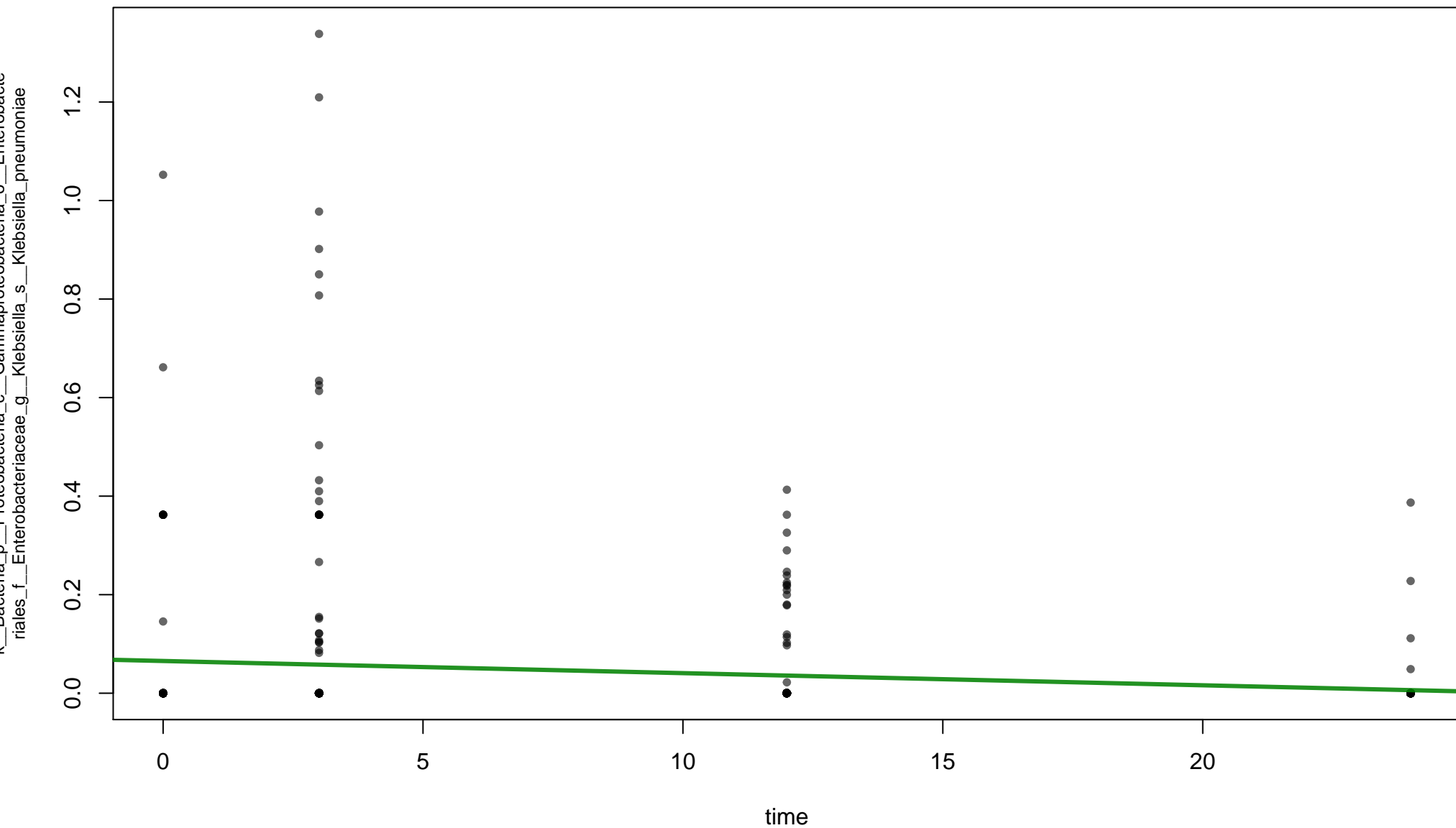
time (-0.00329 sd 0.000992, p=0.001, q=0.0105)



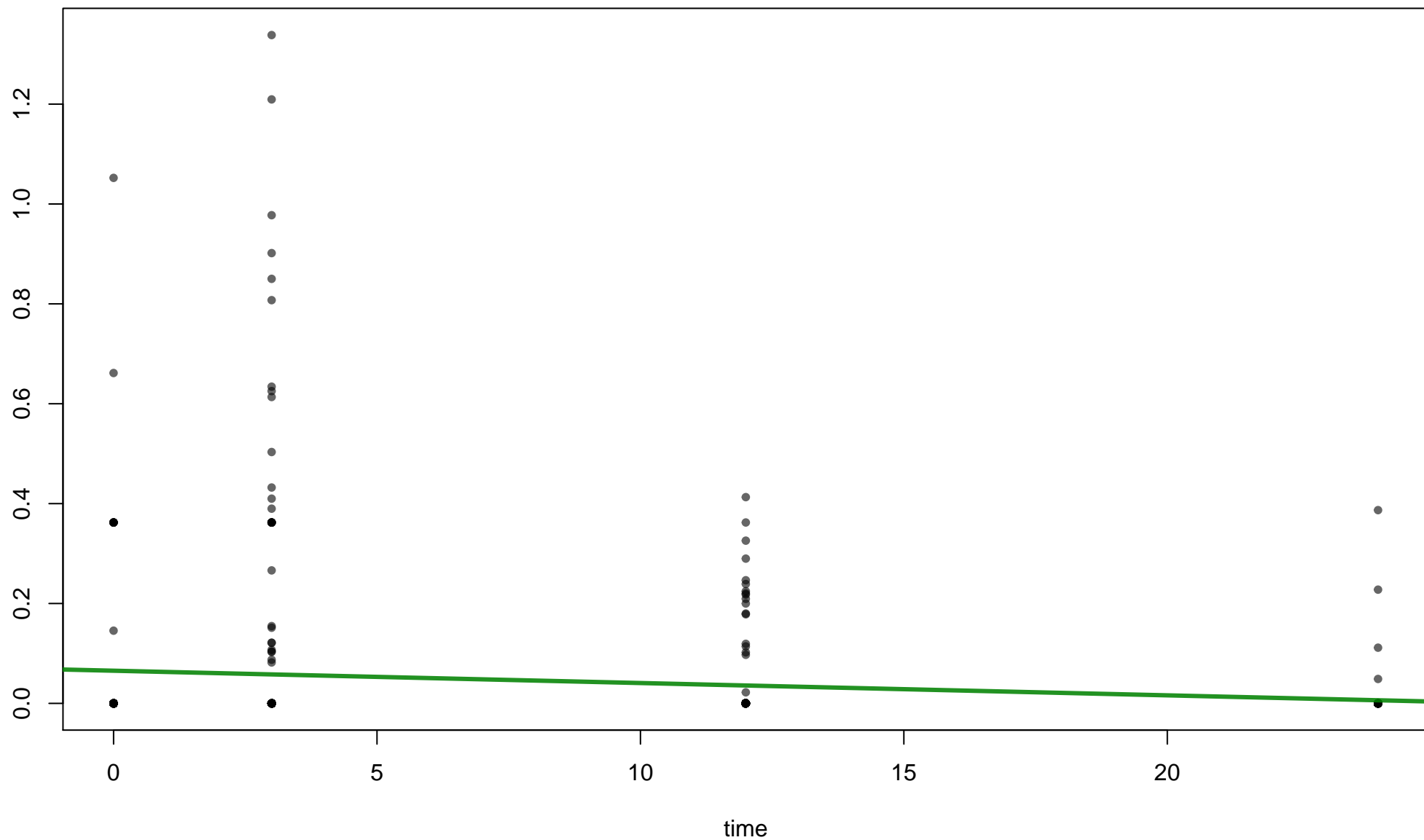
time (0.00203 sd 0.000625, p=0.00131, q=0.0133)



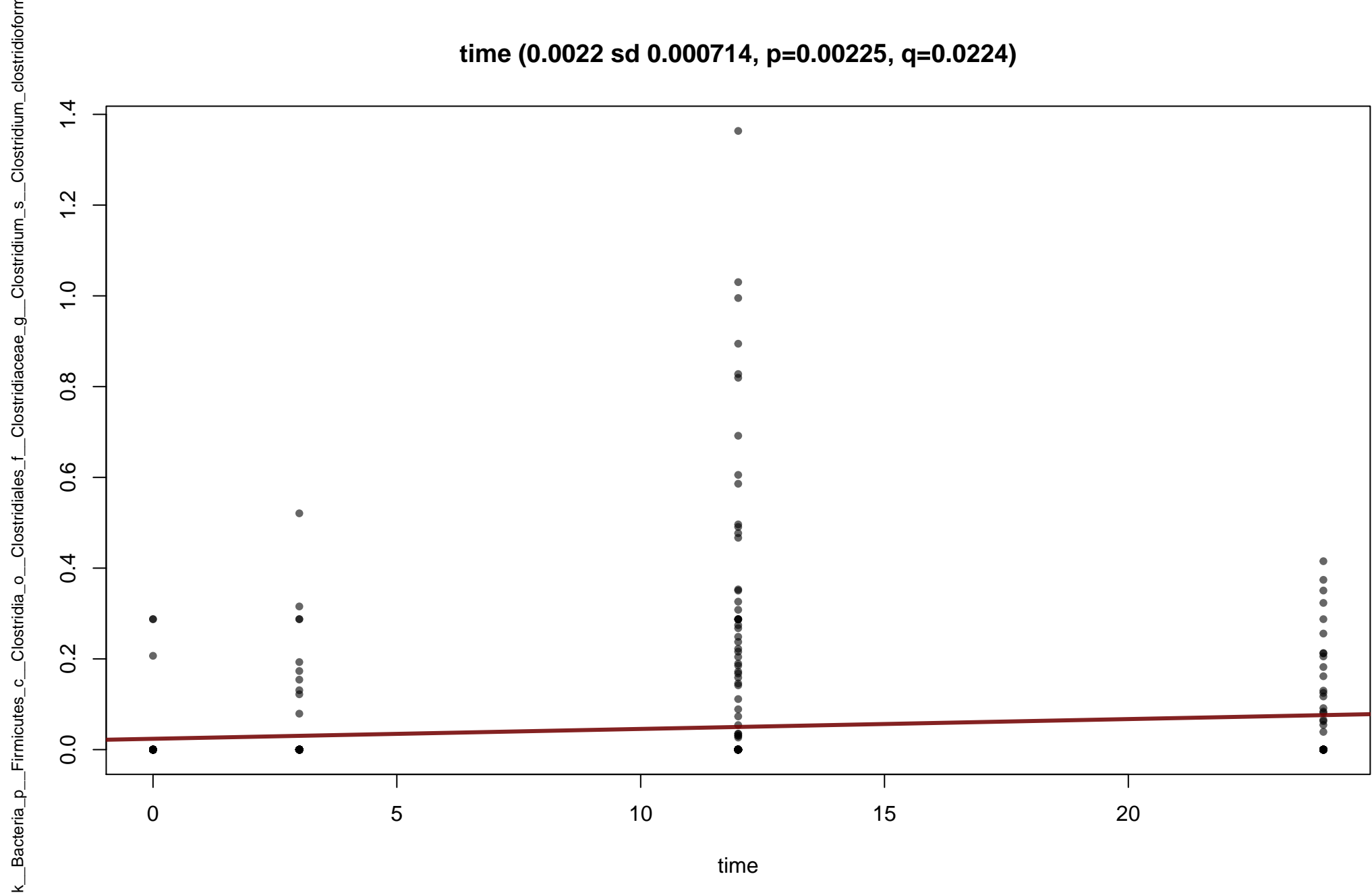
time (-0.00248 sd 0.000768, p=0.00137, q=0.0139)



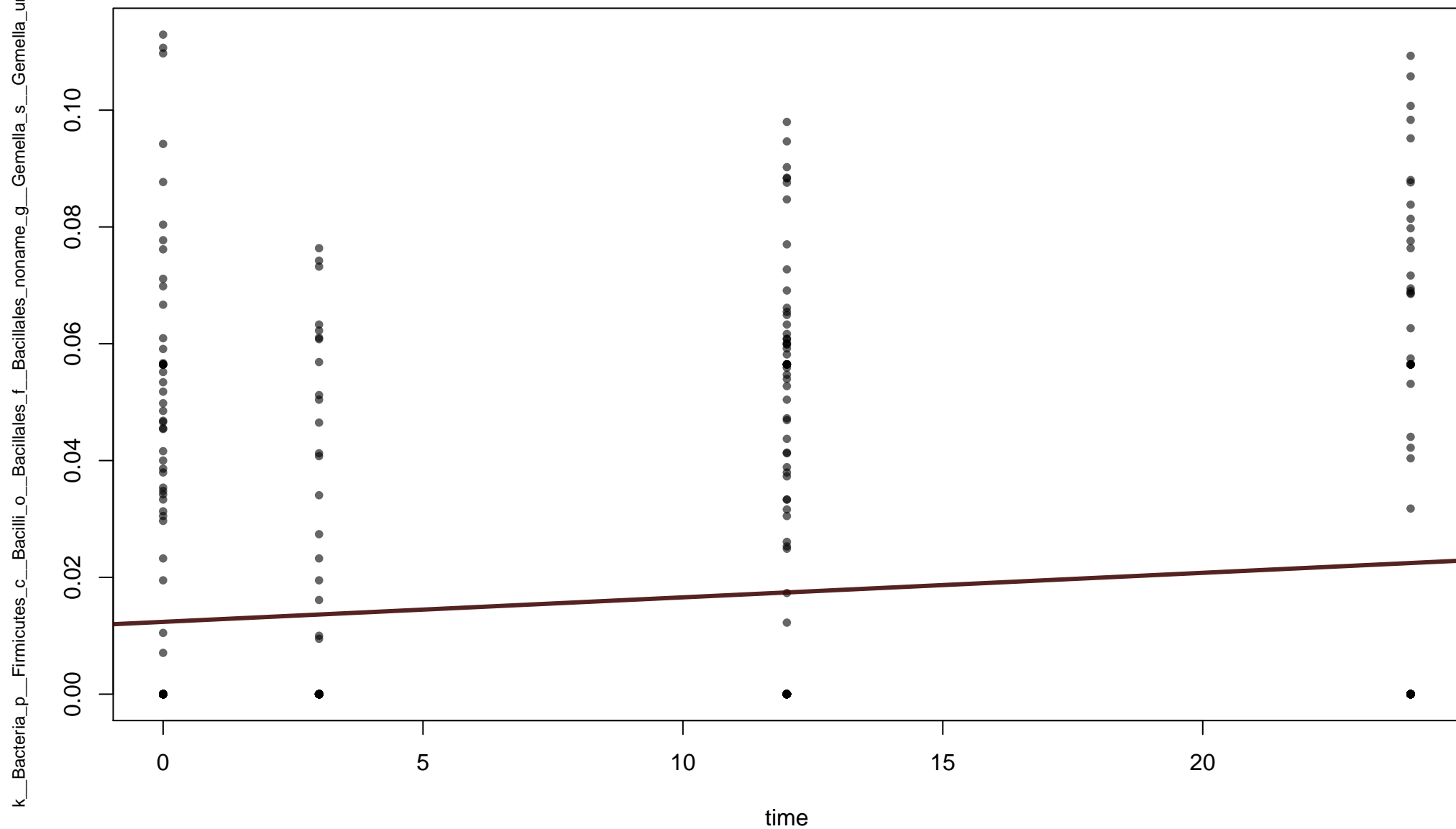
terraceae_g_Klebsiella_s_Klebsiella_pneumoniae_t_Klebsiella_pneumoniae_unclassified



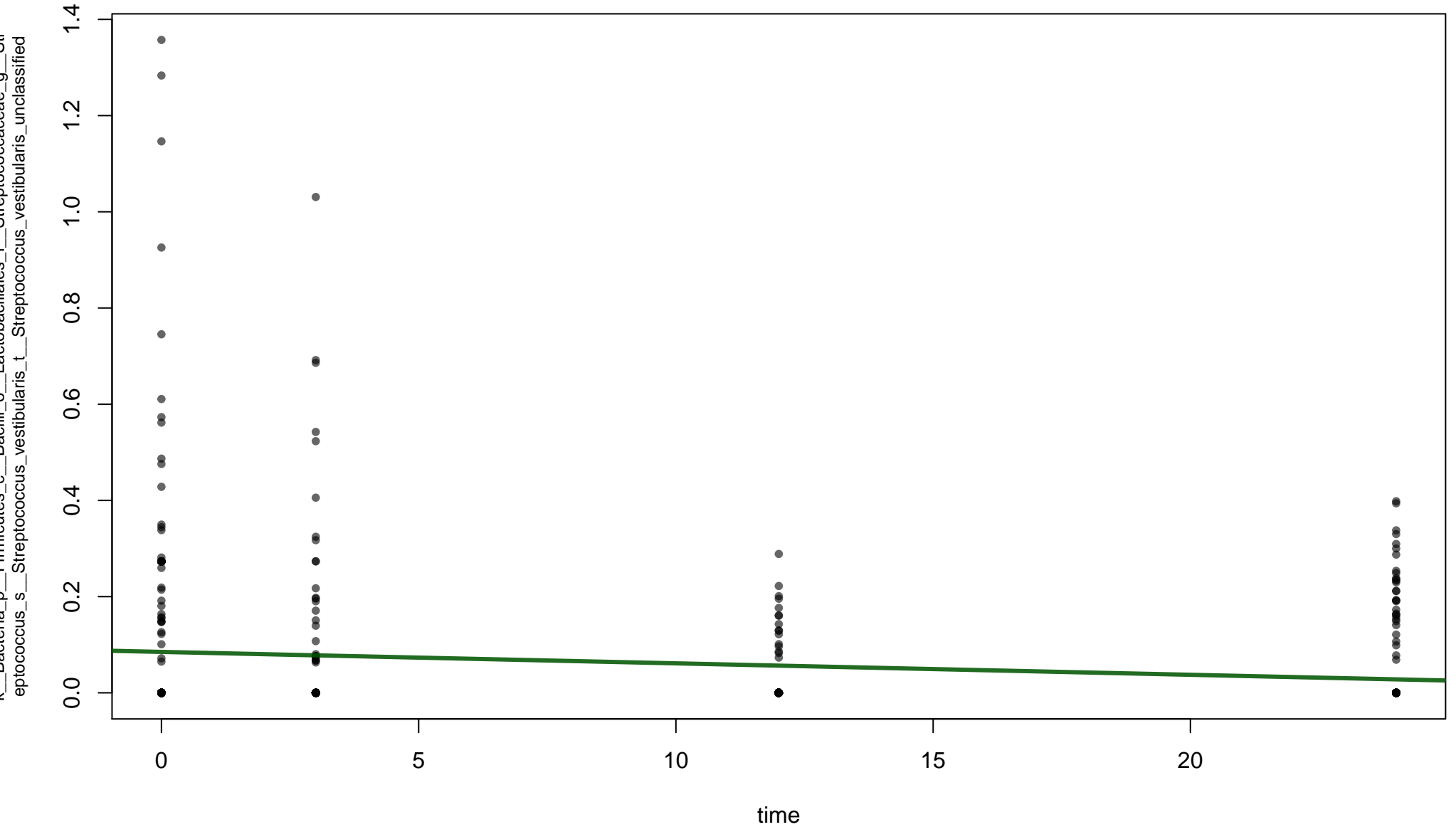
time (0.0022 sd 0.000714, p=0.00225, q=0.0224)



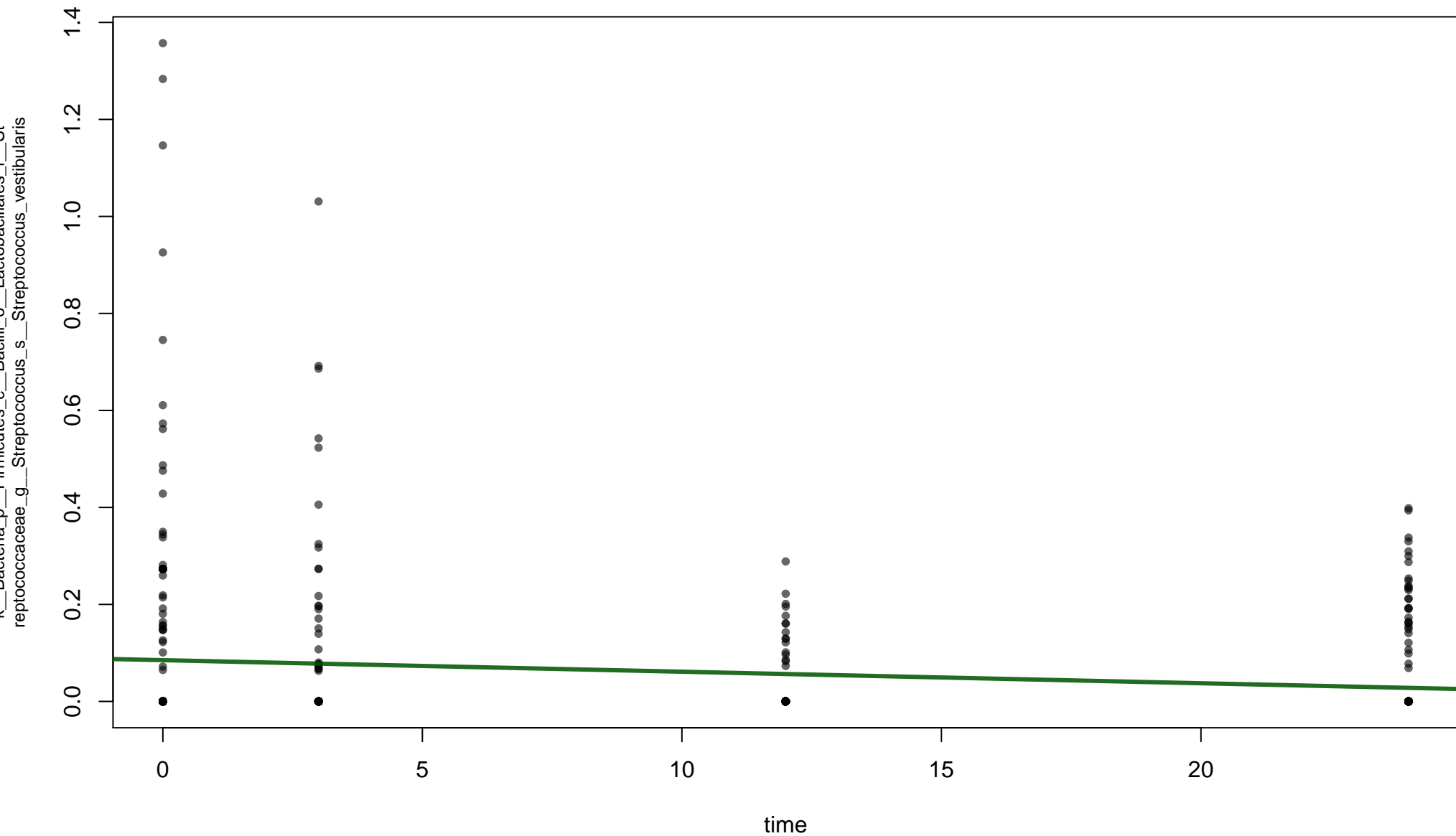
time (0.000423 sd 0.000141, p=0.00285, q=0.028)



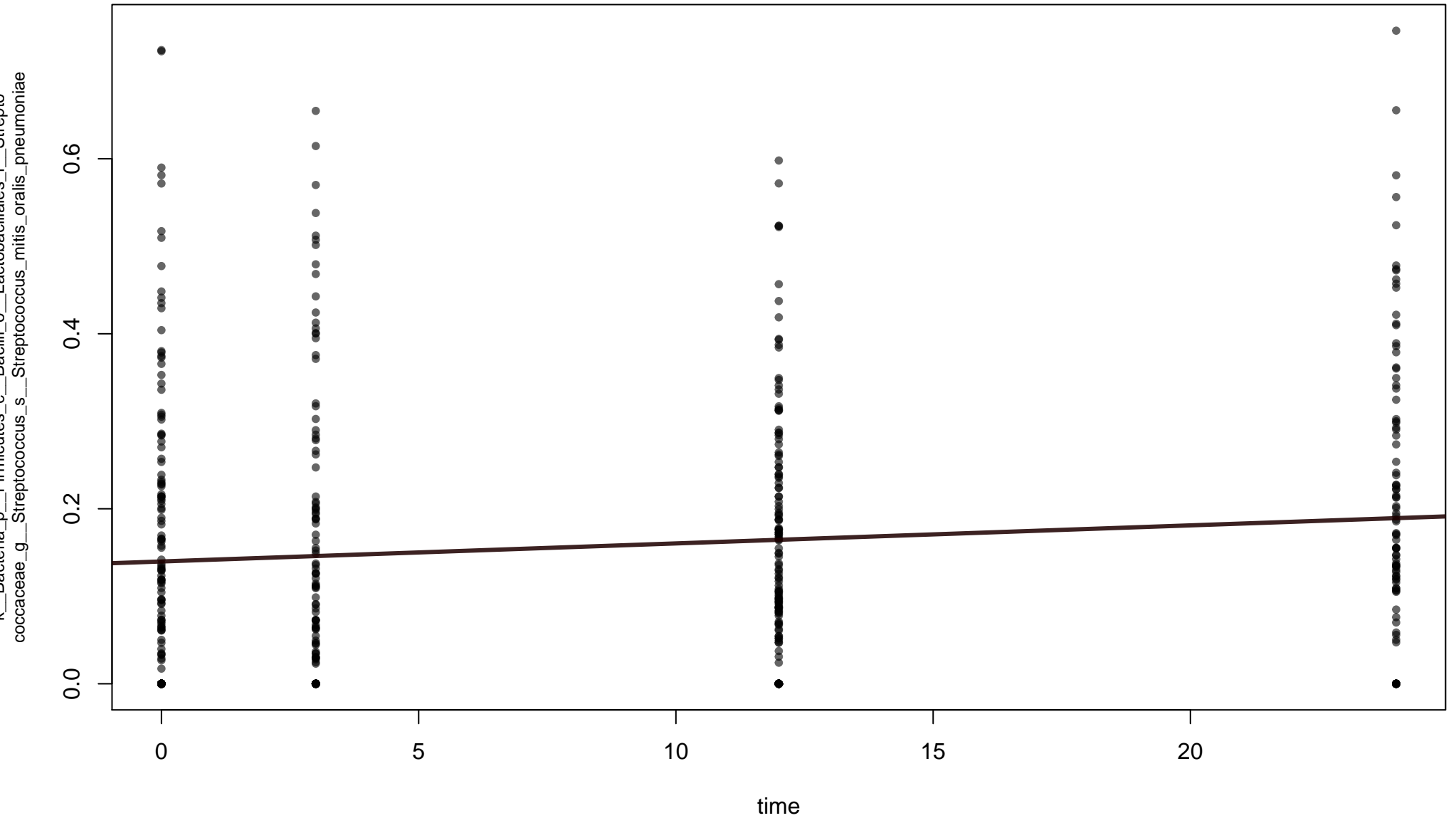
time (-0.00234 sd 0.000798 , $p=0.0036$, $q=0.0346$)



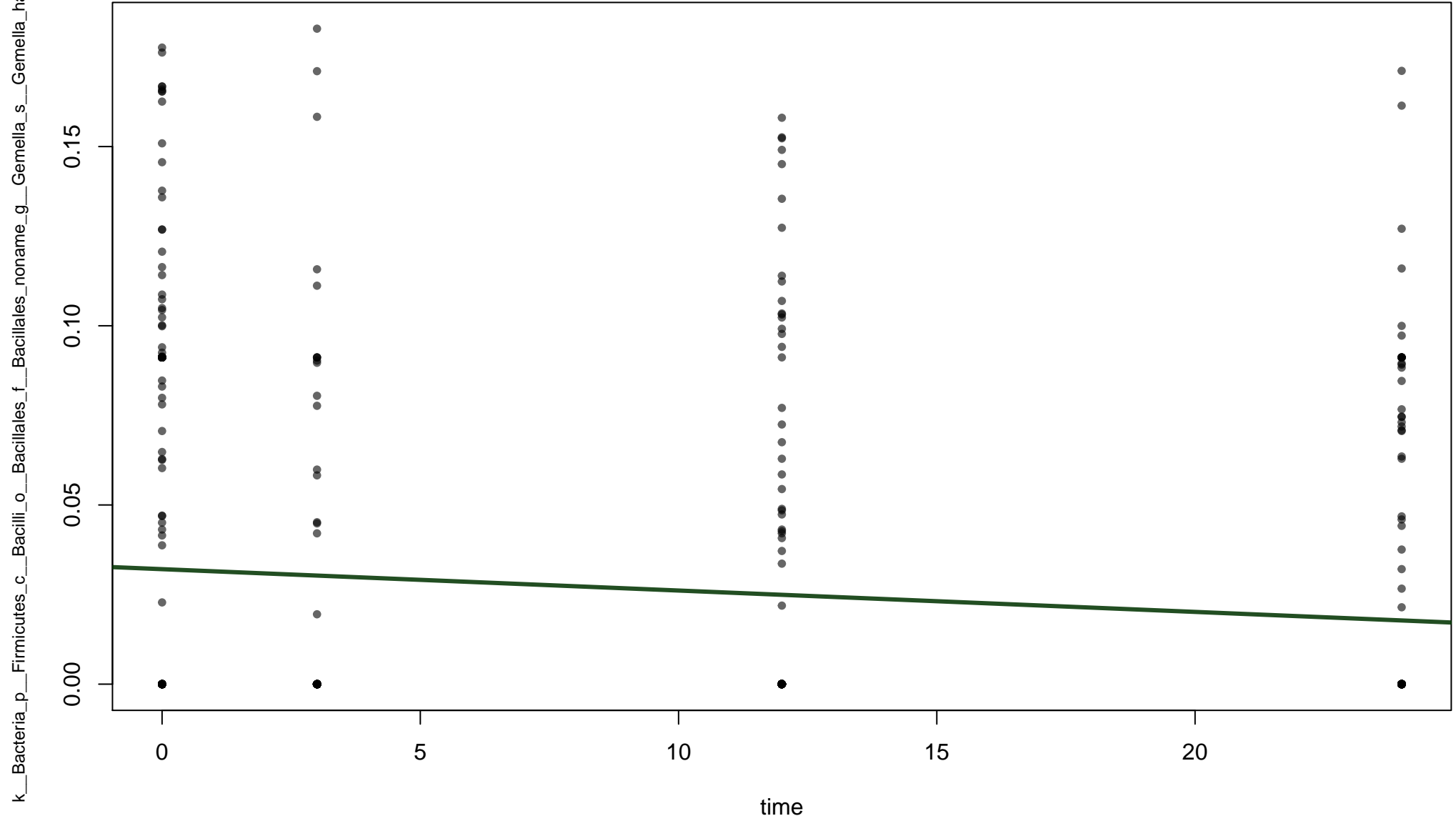
time (-0.00234 sd 0.000797 , $p=0.00361$, $q=0.0346$)



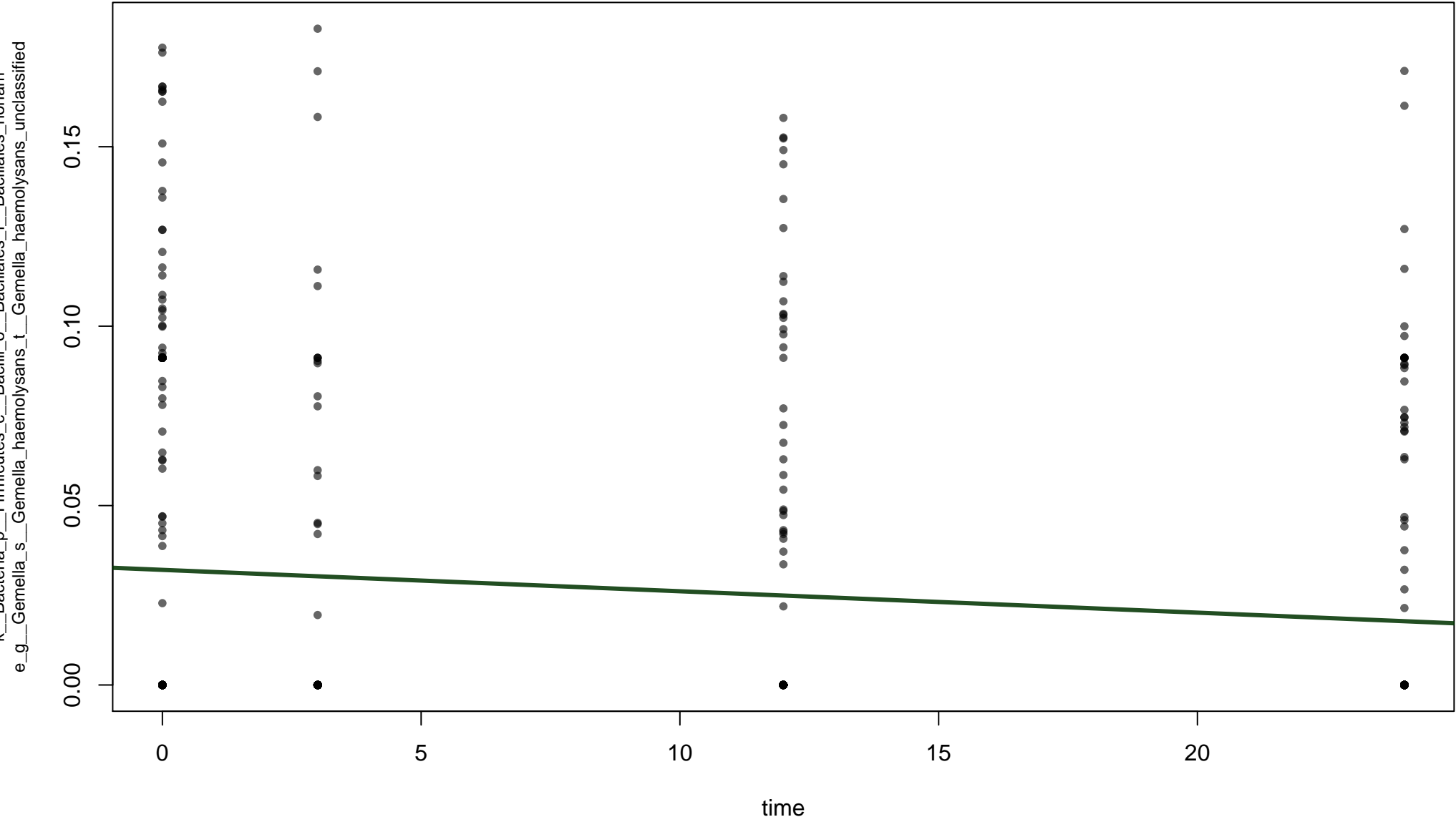
time (0.00209 sd 0.000798, p=0.00932, q=0.0867)



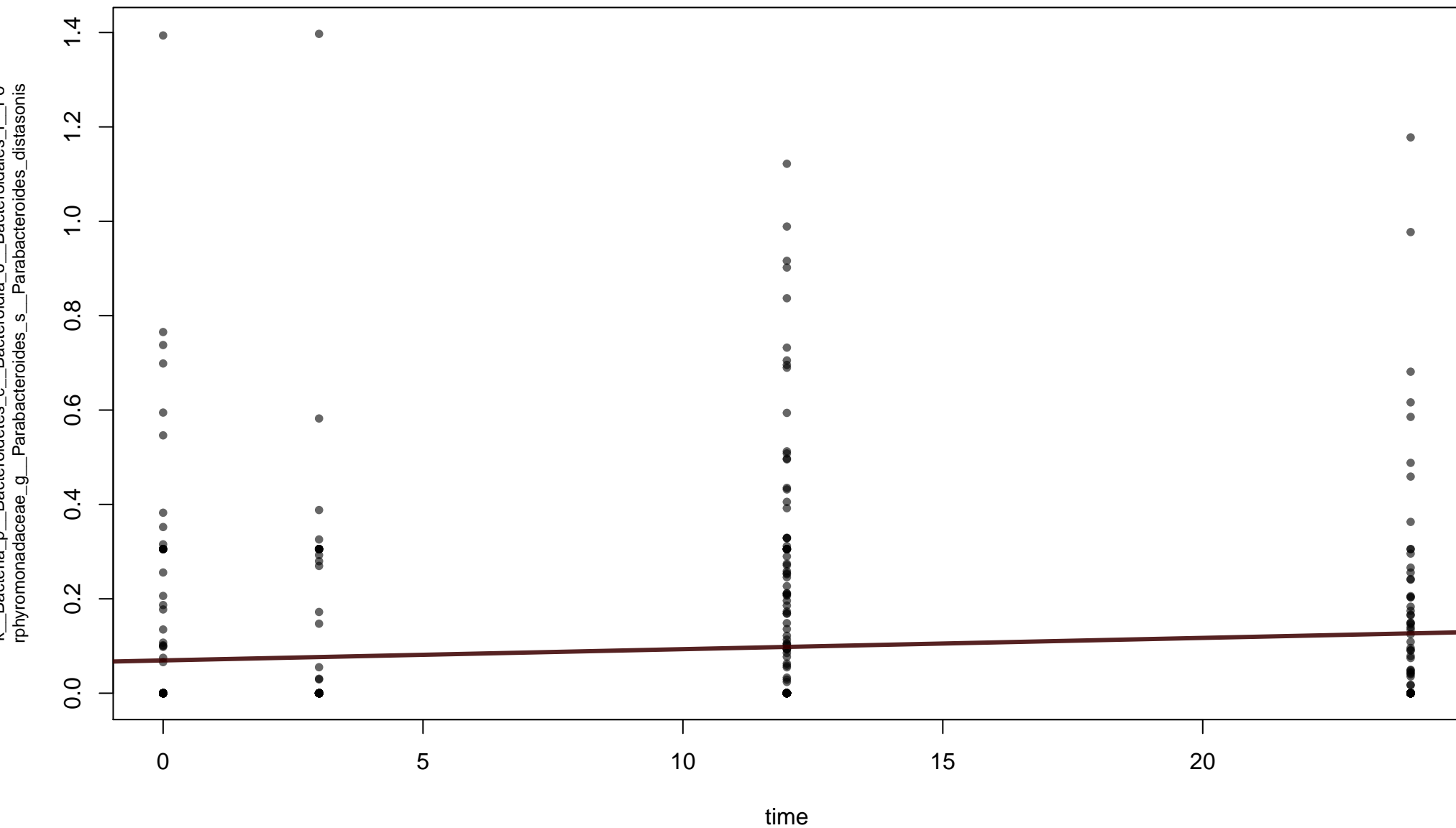
time (−0.000598 sd 0.000233, p=0.0108, q=0.0989)



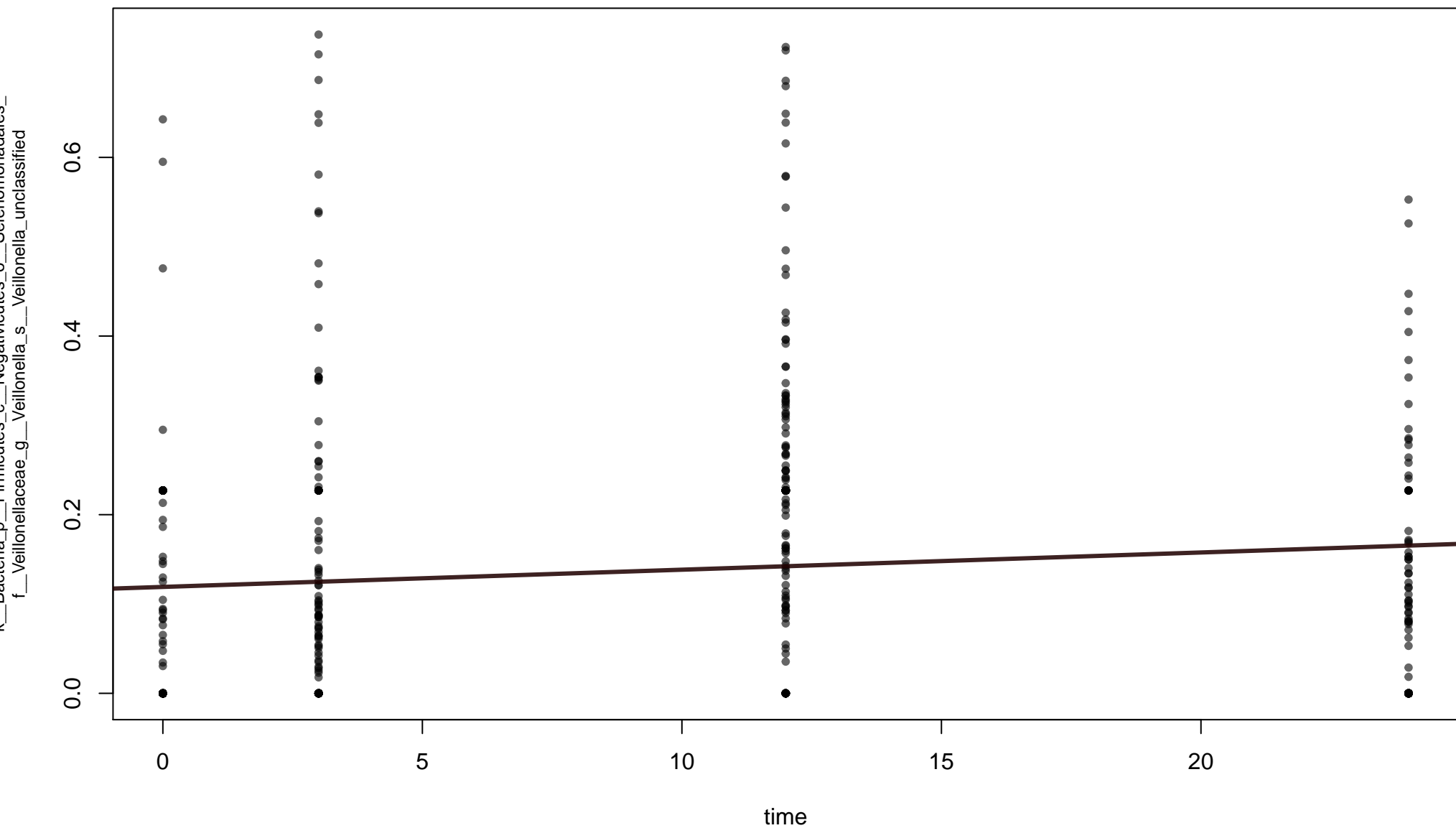
time (−0.000598 sd 0.000233, p=0.0108, q=0.0989)



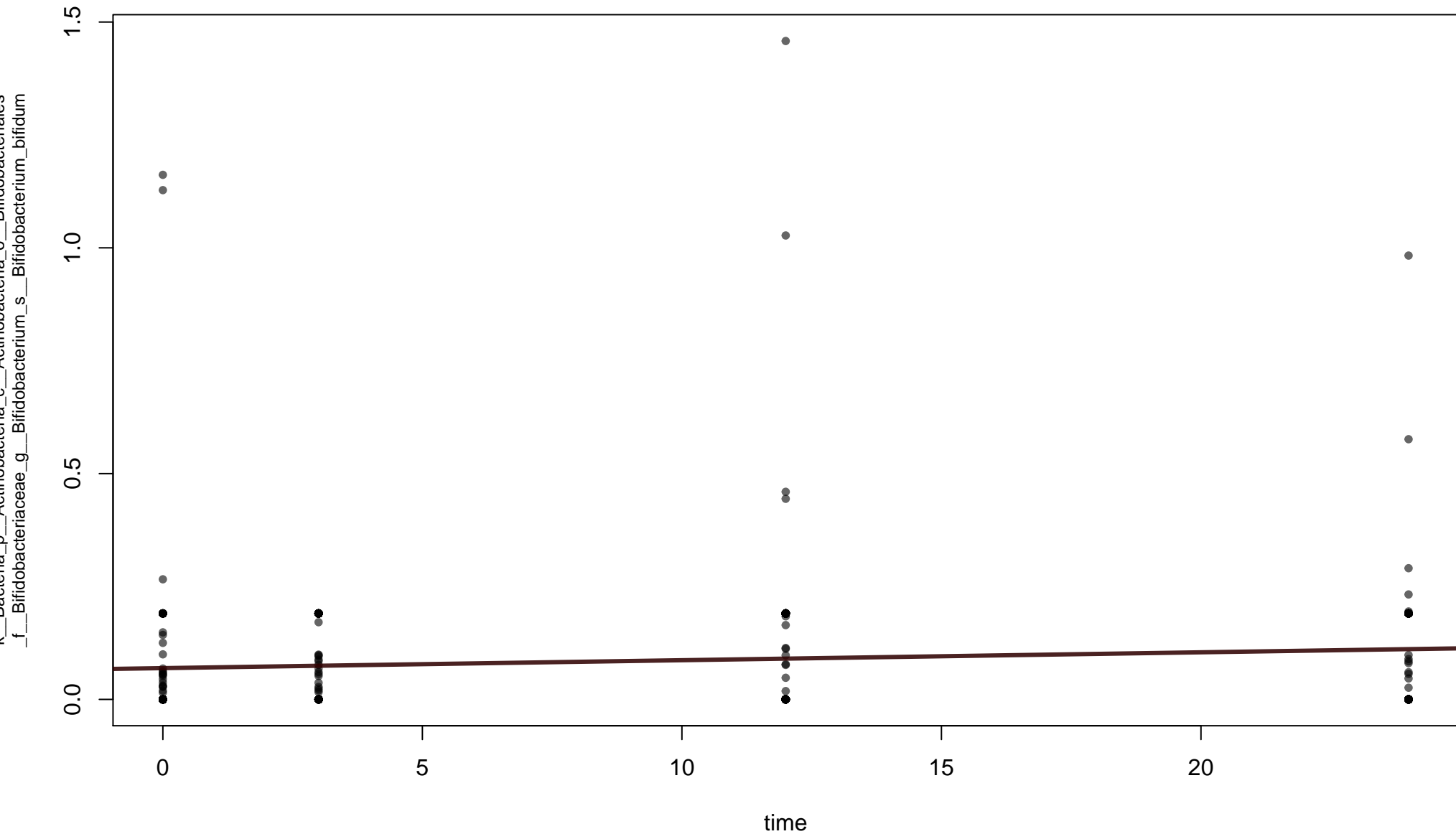
time (0.00225 sd 0.00094, p=0.0172, q=0.155)



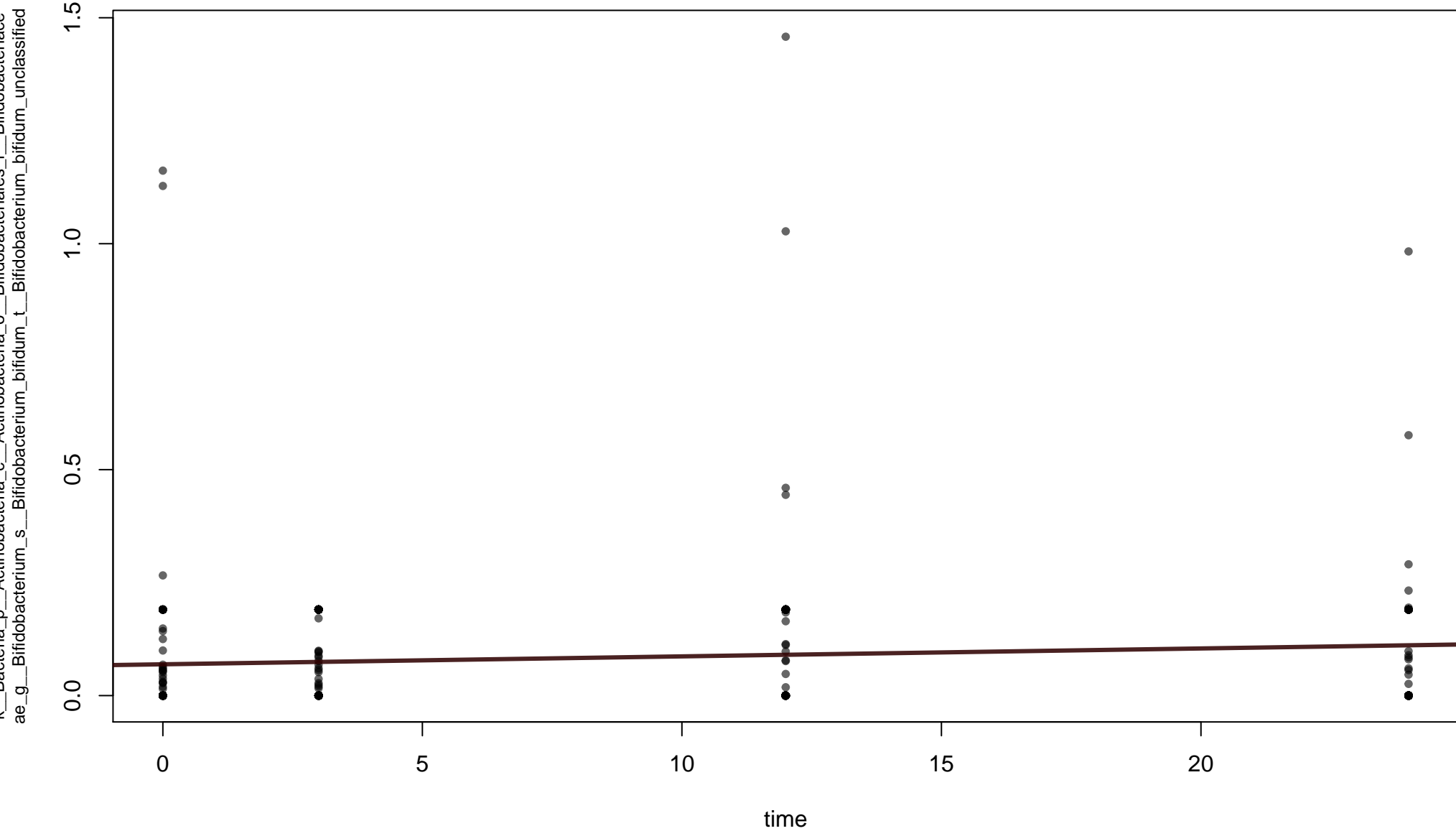
time (0.00194 sd 0.000811, p=0.0175, q=0.156)



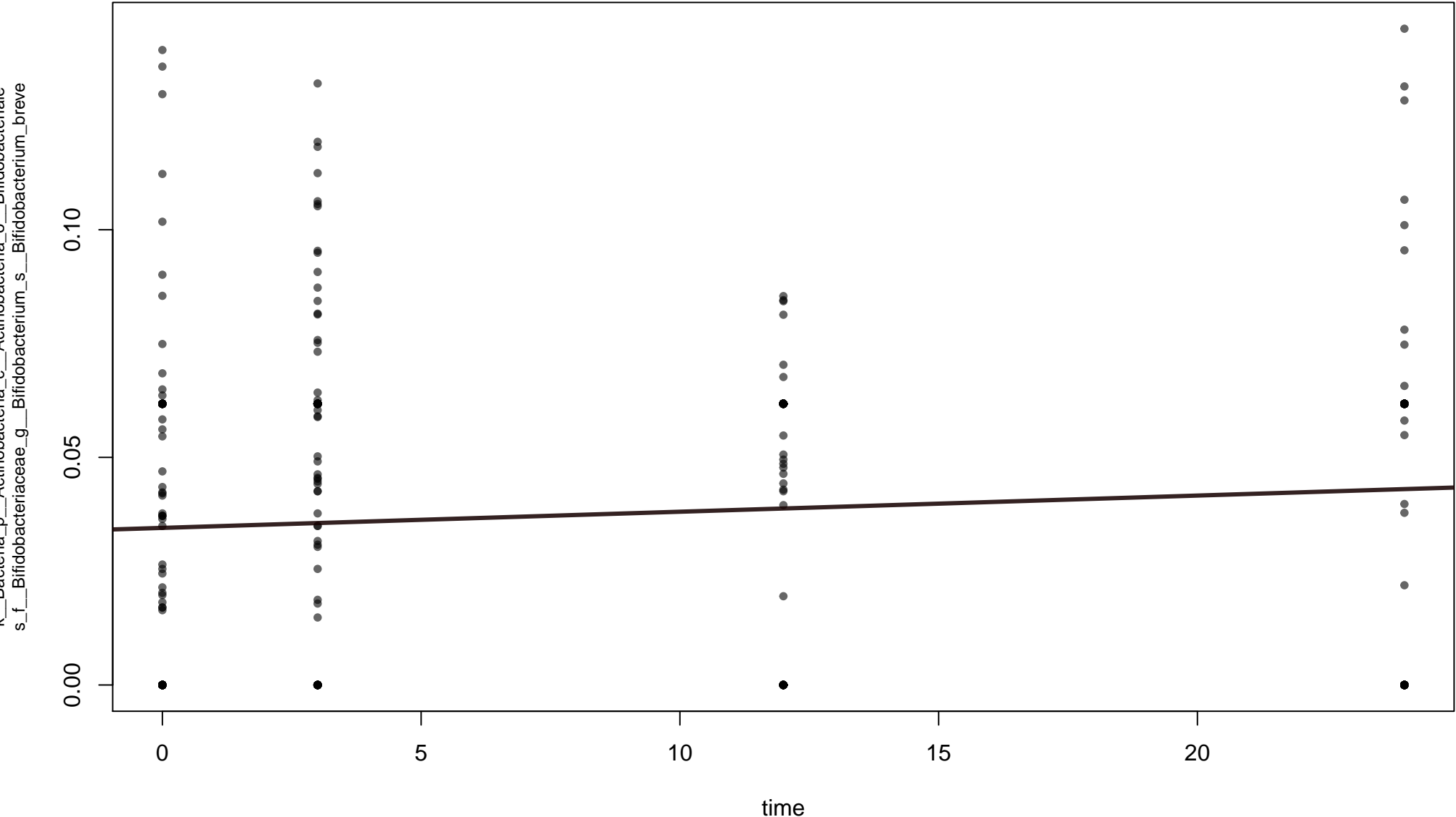
time (0.00165 sd 0.000691, p=0.0176, q=0.156)



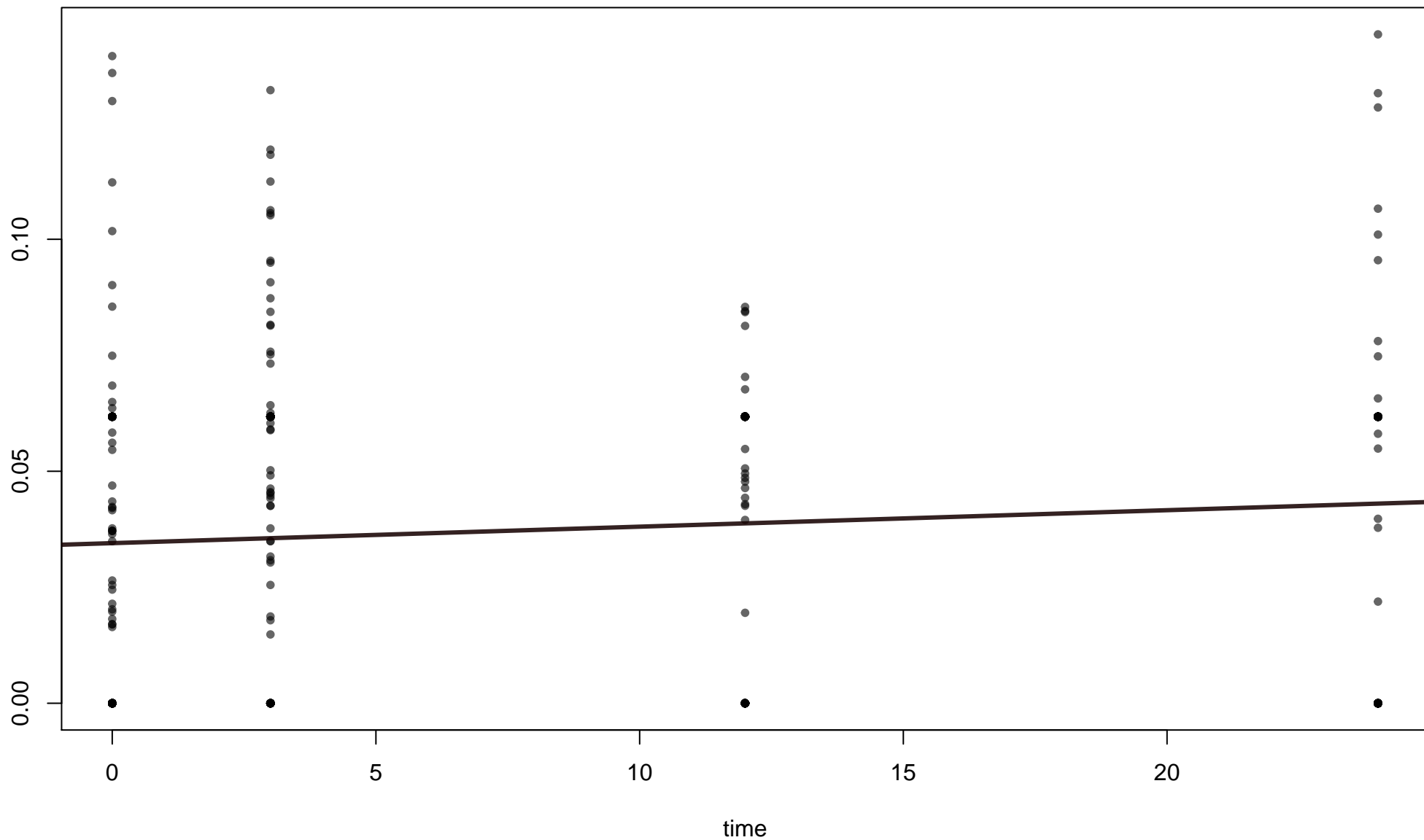
time (0.00165 sd 0.000691, p=0.0176, q=0.156)



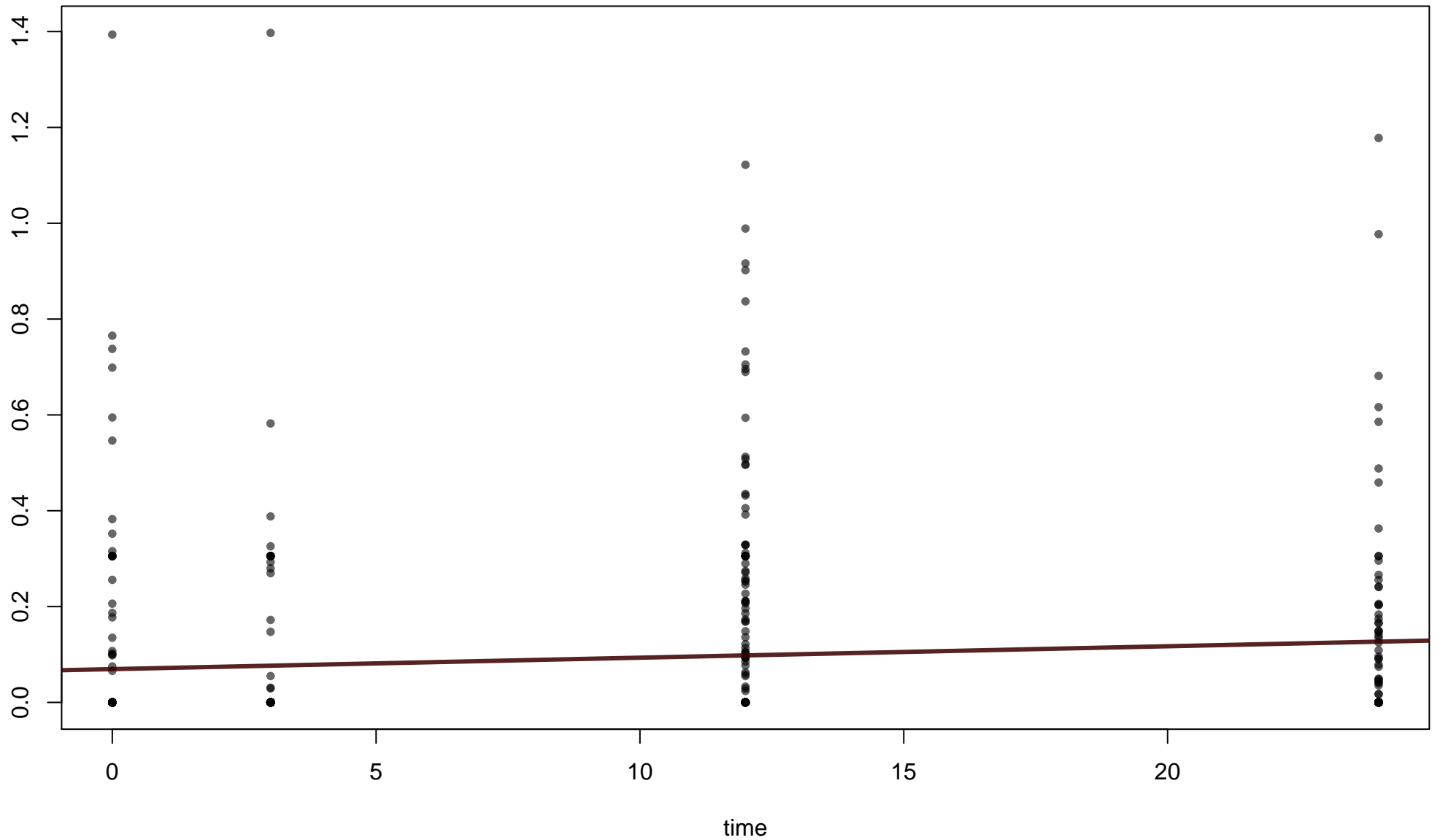
time (0.000359 sd 0.000161, p=0.0265, q=0.225)



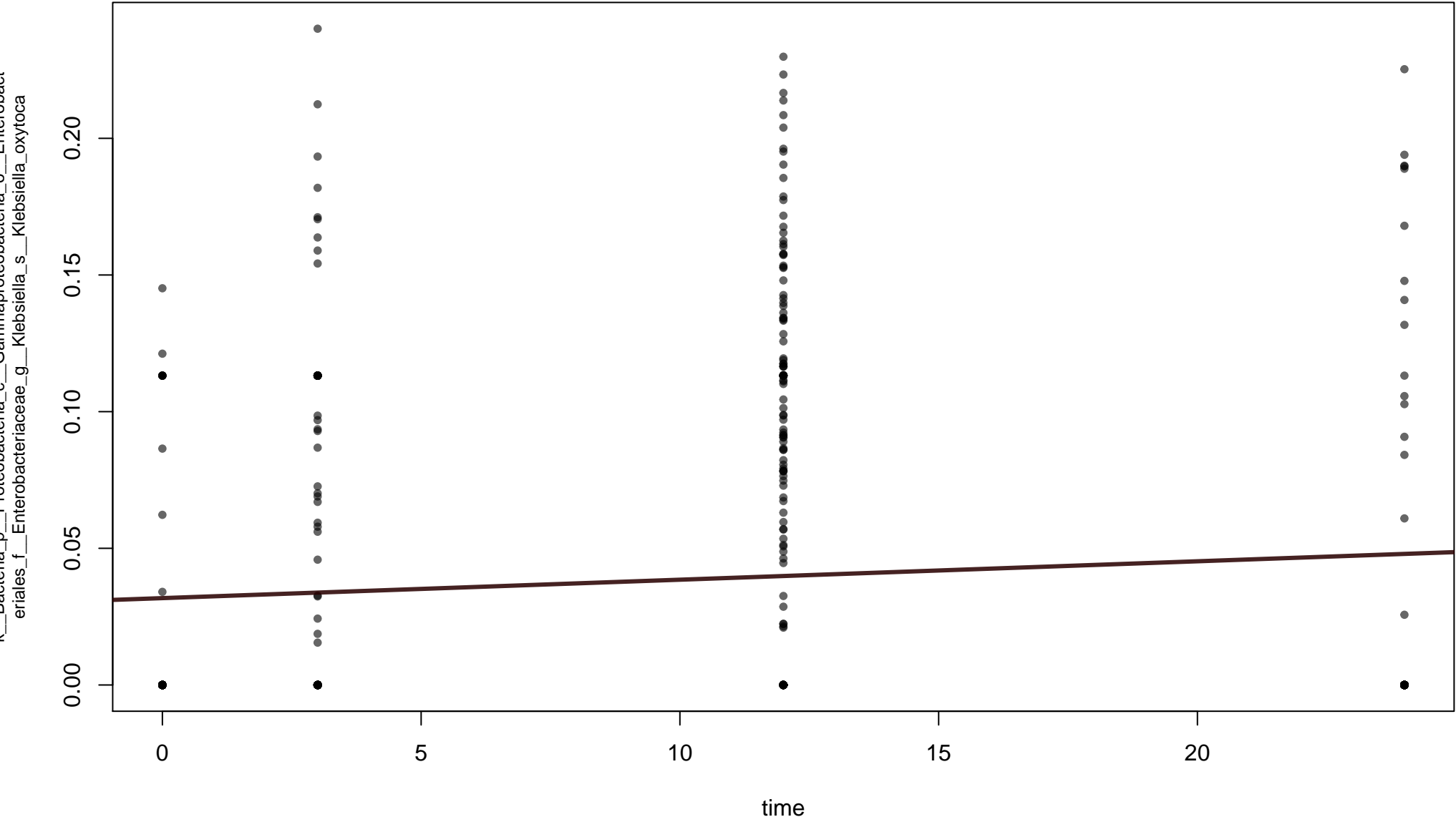
ceae_g__Bifidobacterium_s__Bifidobacterium_breve_t__Bifidobacterium_breve_unclassified



Parabacteroides_s__Parabacteroides_distasonis_t__Parabacteroides_distasonis_unclassified



time (0.000654 sd 0.000297, p=0.0286, q=0.239)



bacteriaceae_g_Klebsiella_s_Klebsiella_oxytoca_t_Klebsiella_oxytoca_unclassified

