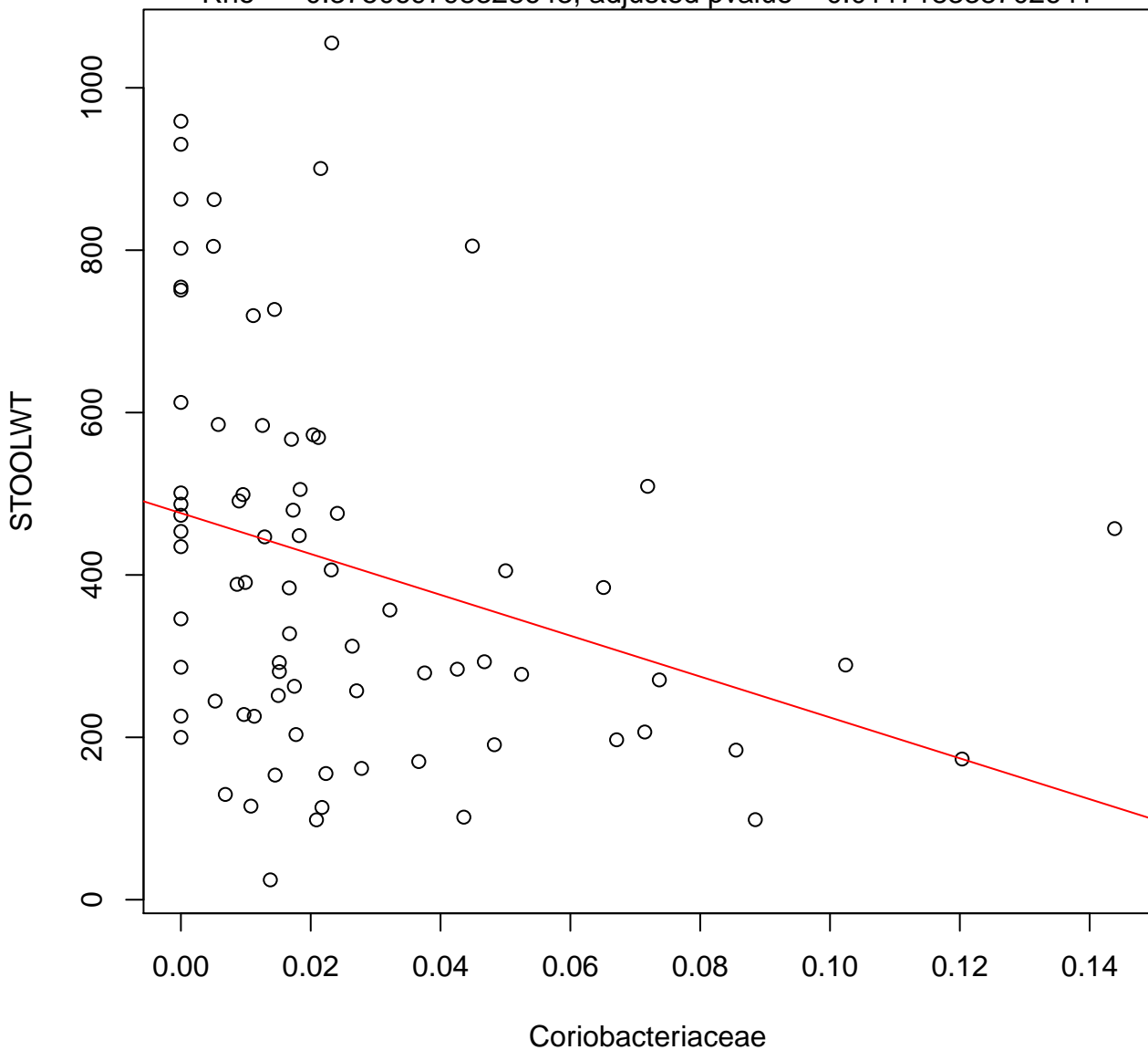


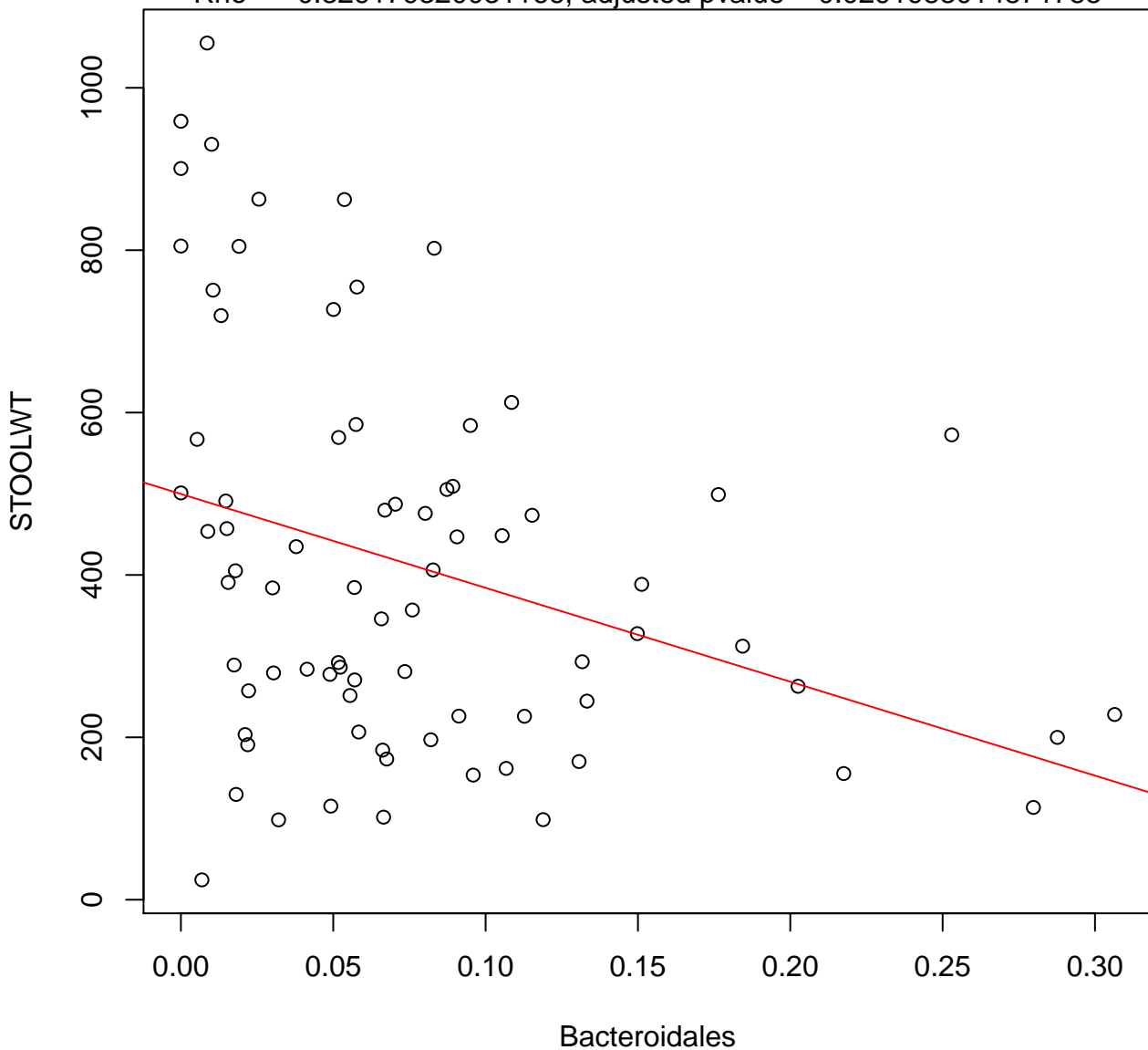
Timepoint 2 , STOOLWT ~ Coriobacteriaceae

Rho = -0.375069798328643 , adjusted pvalue = 0.011718338702641



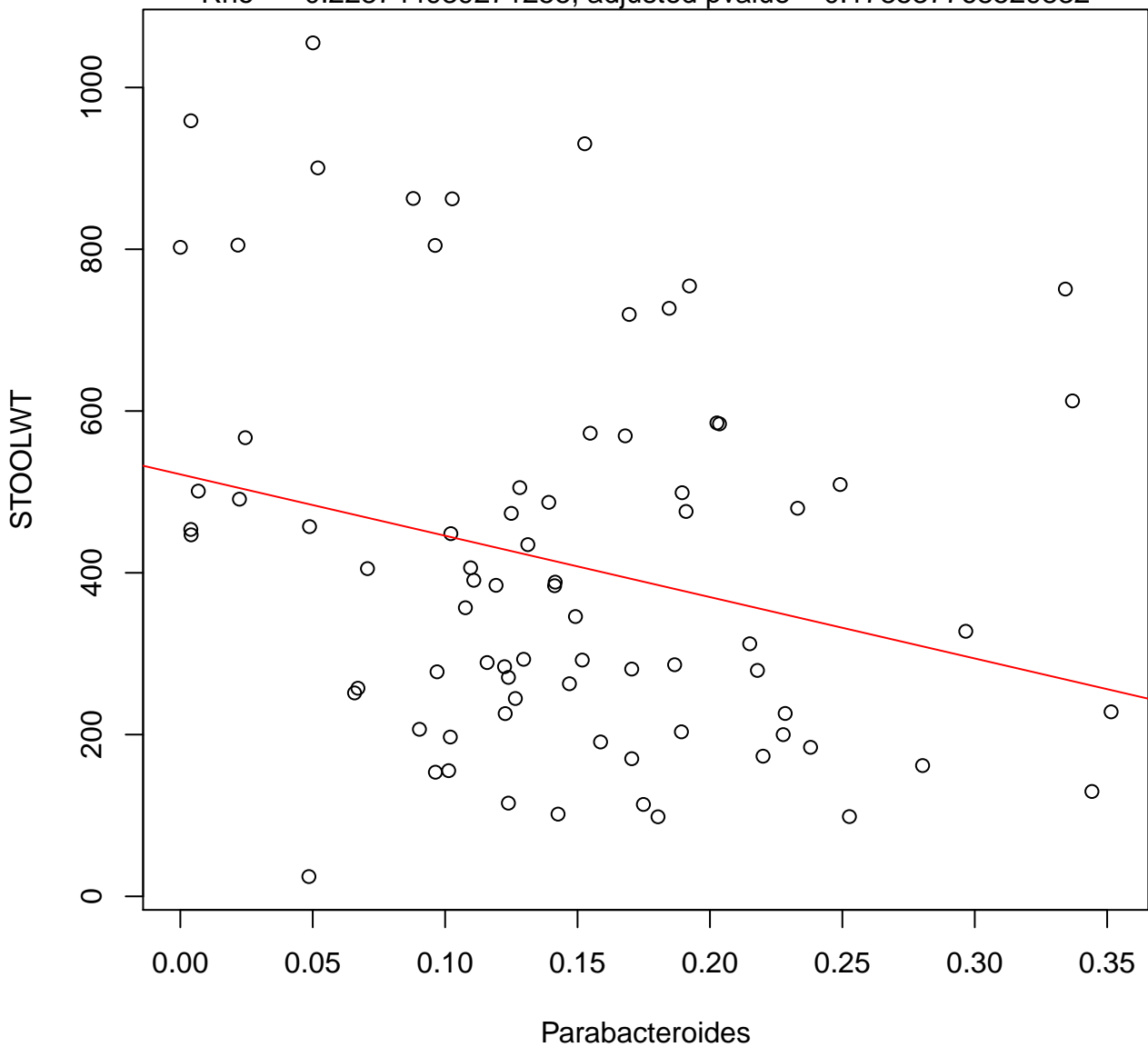
Timepoint 2 , ST00LWT ~ Bacteroidales

Rho = -0.329179320031166, adjusted pvalue = 0.0291983014871755



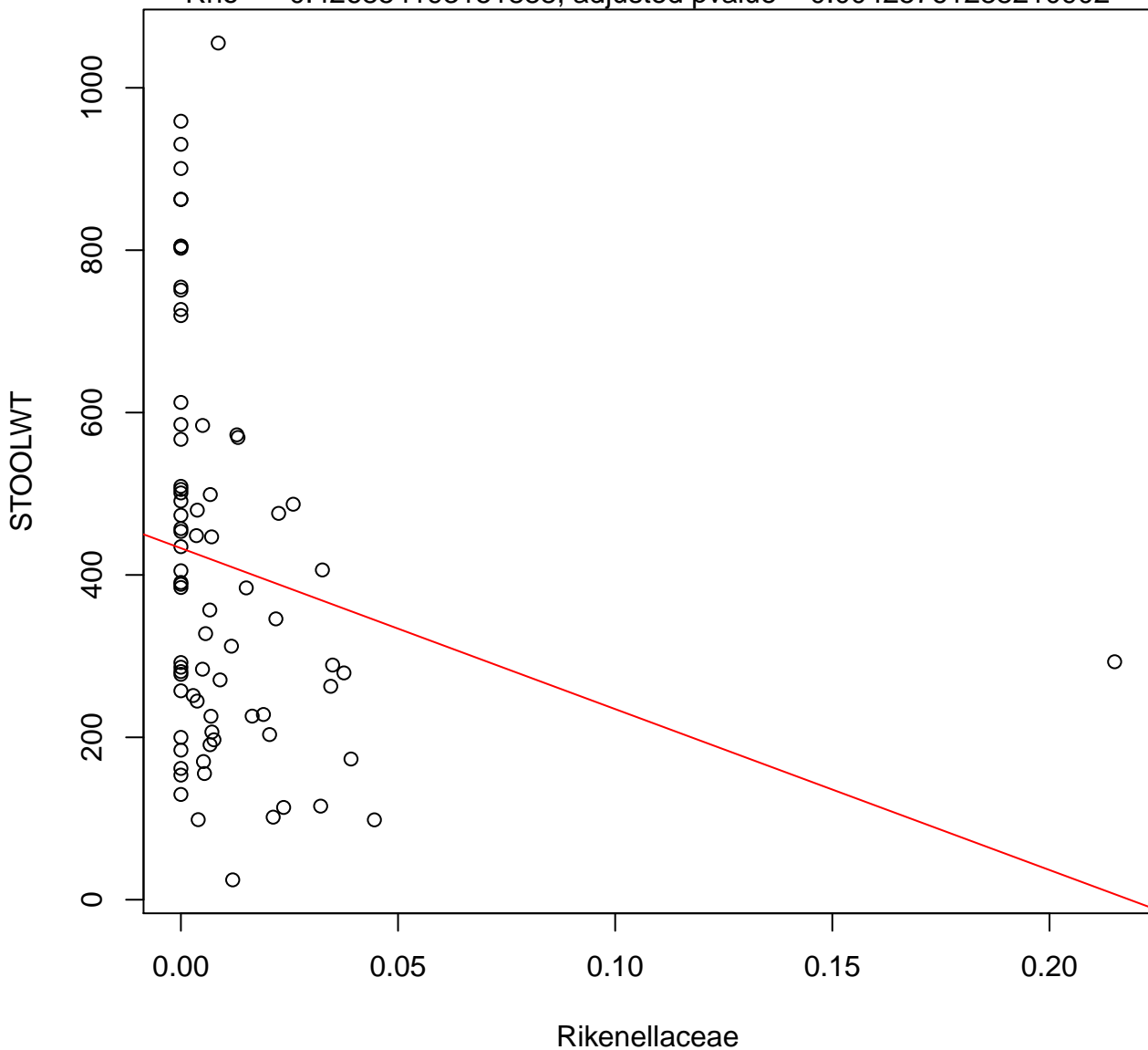
Timepoint 2 , STOOLWT ~ Parabacteroides

Rho = -0.228744939271255 , adjusted pvalue = 0.178537768529832



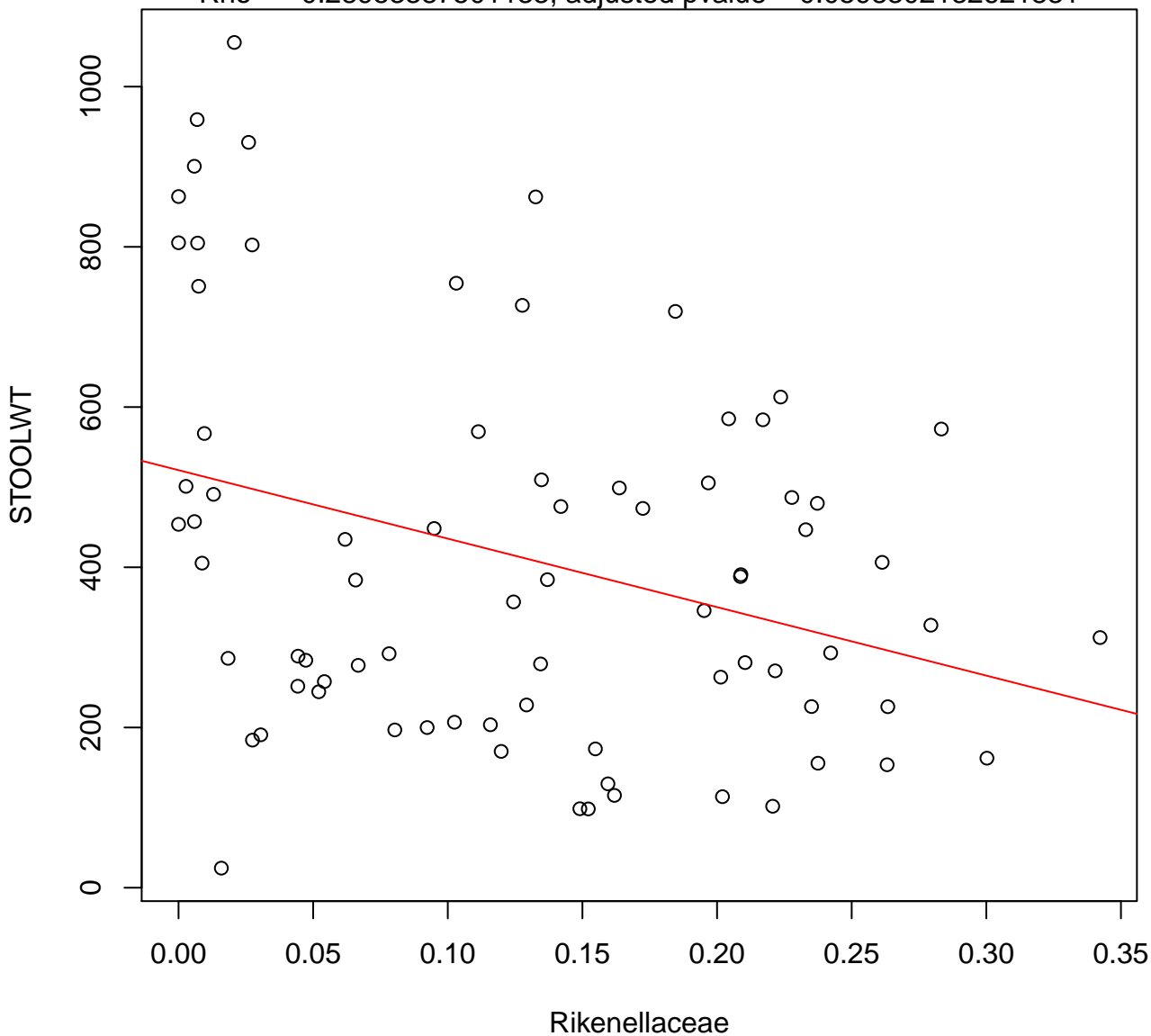
Timepoint 2 , ST00LWT ~ Rikenellaceae

Rho = -0.426854193151888, adjusted pvalue = 0.00425761288210902



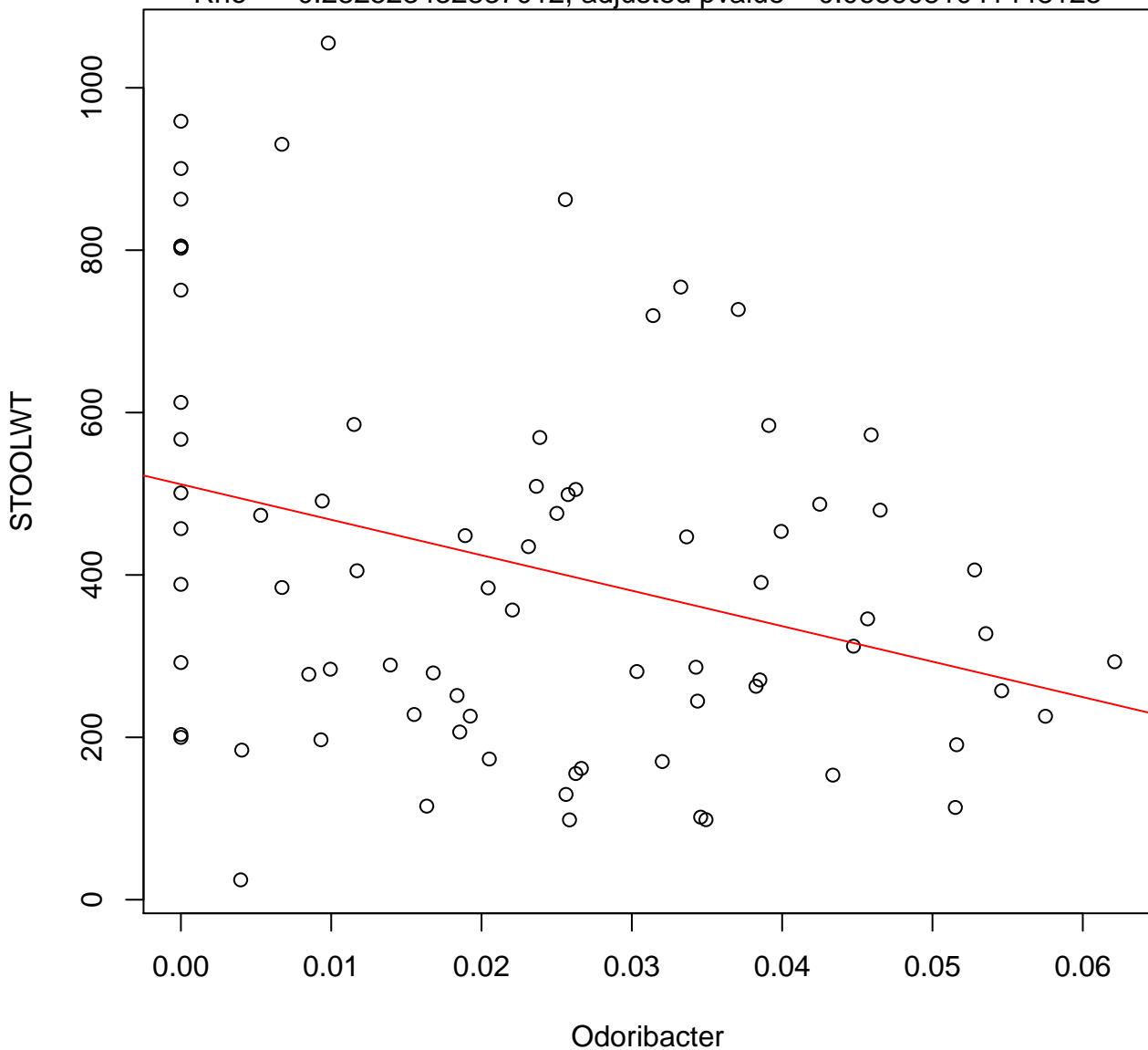
Timepoint 2 , ST00LWT ~ Rikenellaceae

Rho = -0.28953387501133, adjusted pvalue = 0.0598302132621831



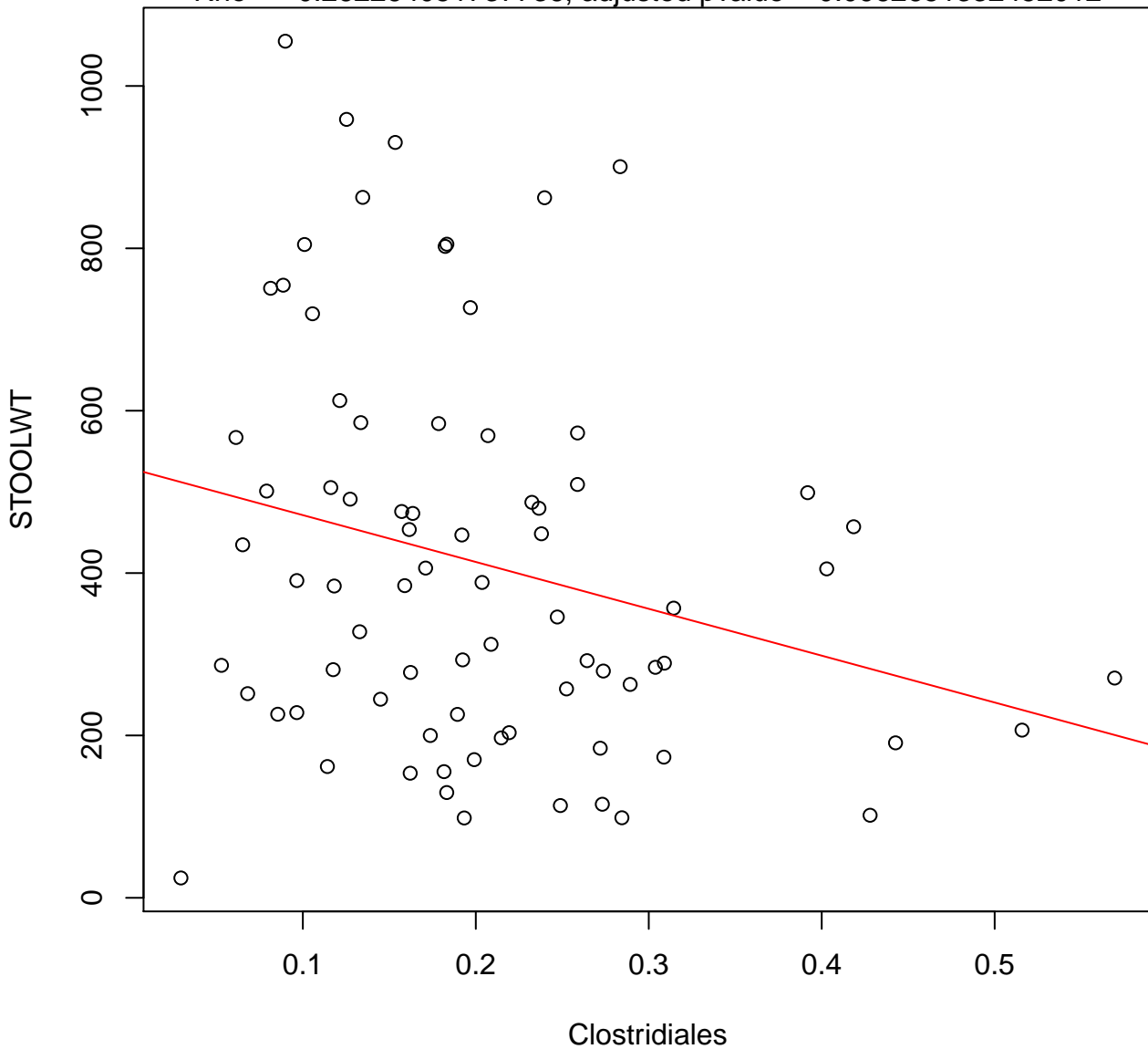
Timepoint 2 , STOOLWT ~ Odoribacter

Rho = -0.282523432837012 , adjusted pvalue = 0.0686081041448125



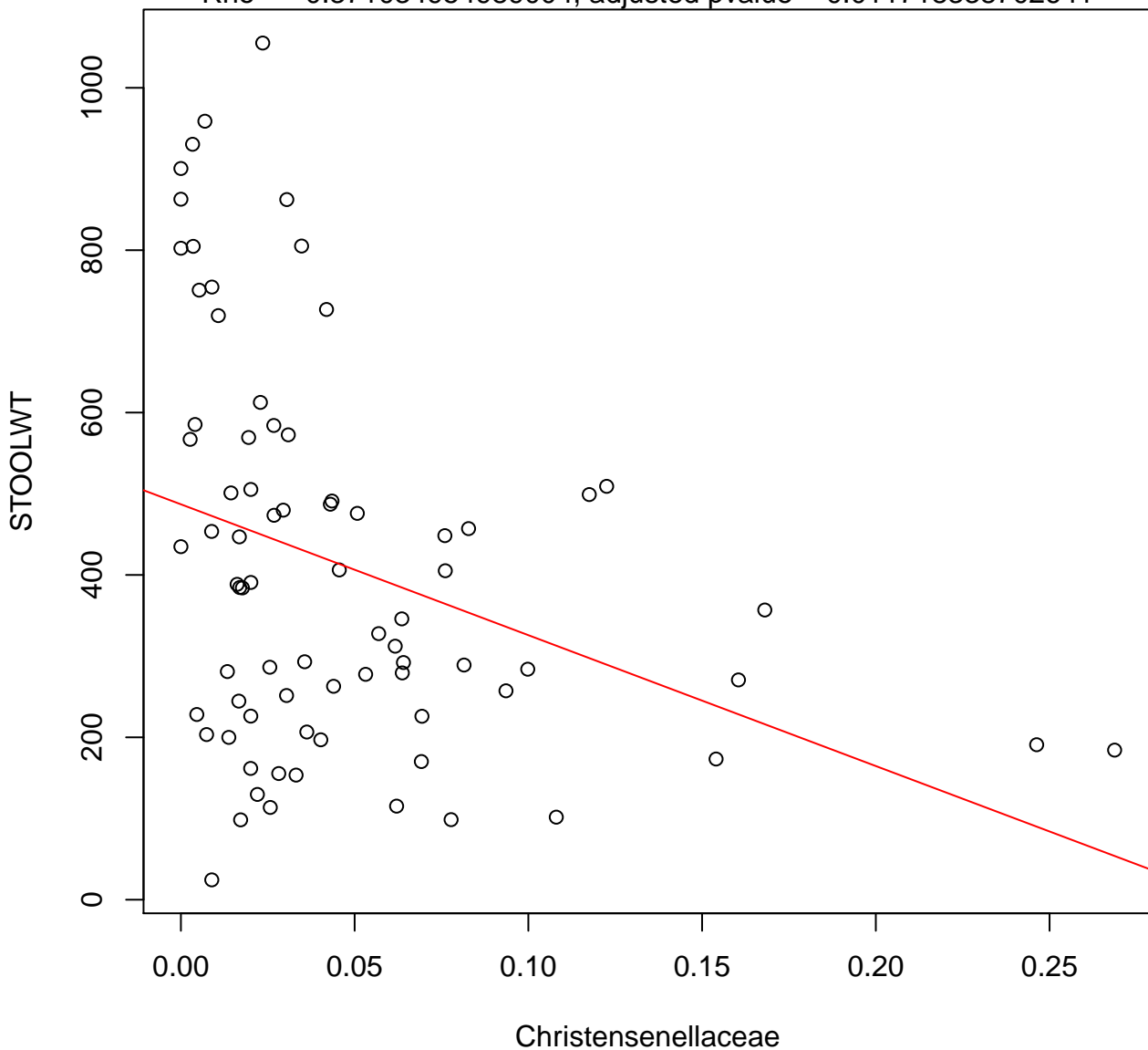
Timepoint 2 , STOOLWT ~ Clostridiales

Rho = -0.262264051737736 , adjusted pvalue = 0.0962651332452012



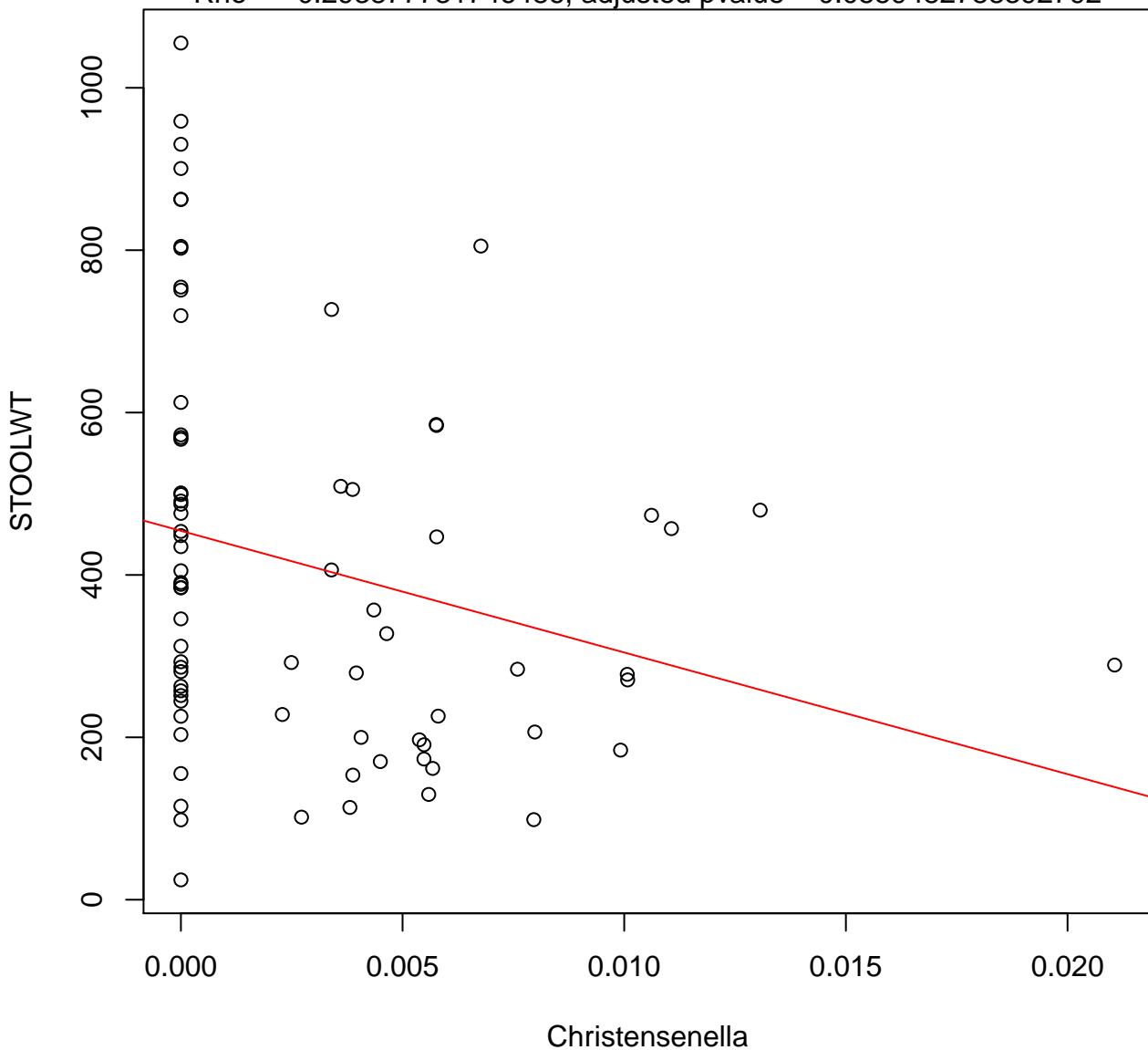
Timepoint 2 , STCOLWT ~ Christensenellaceae

Rho = -0.371034954989004, adjusted pvalue = 0.011718338702641



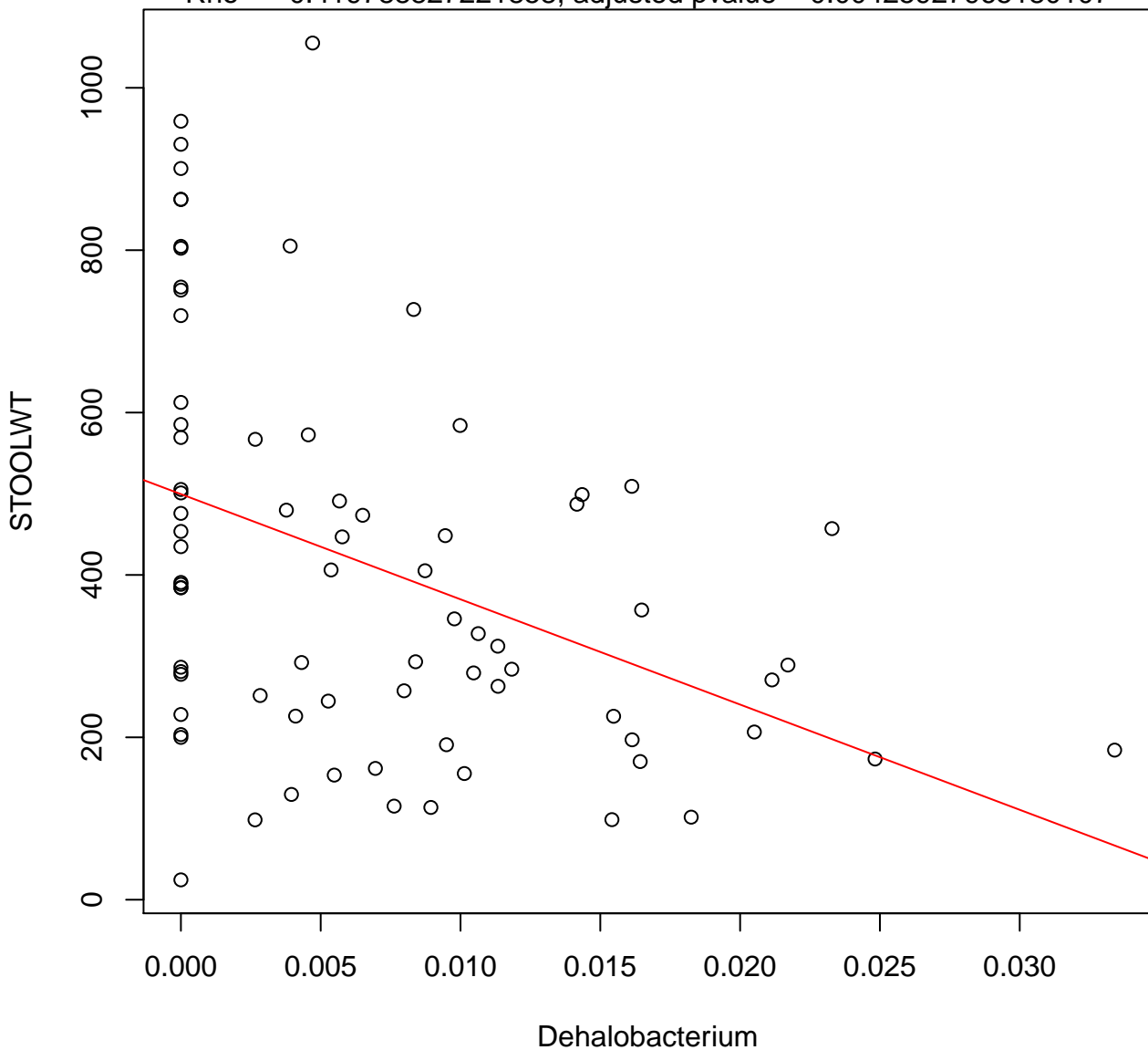
Timepoint 2 , STOOLWT ~ Christensenella

Rho = -0.293877731746486 , adjusted pvalue = 0.0559482788392792



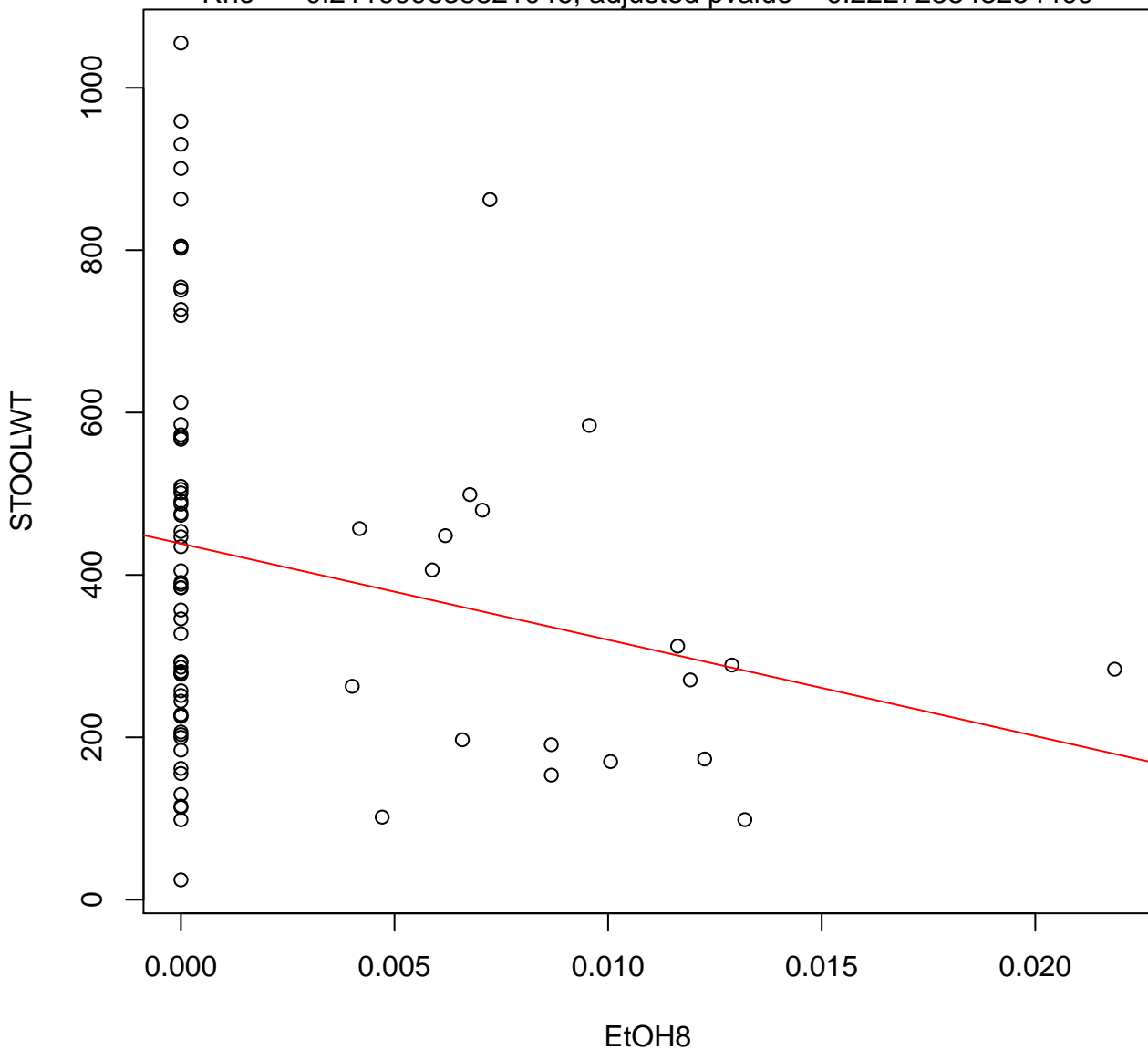
Timepoint 2 , ST00LWT ~ Dehalobacterium

Rho = -0.419788827221858, adjusted pvalue = 0.00425927965180107



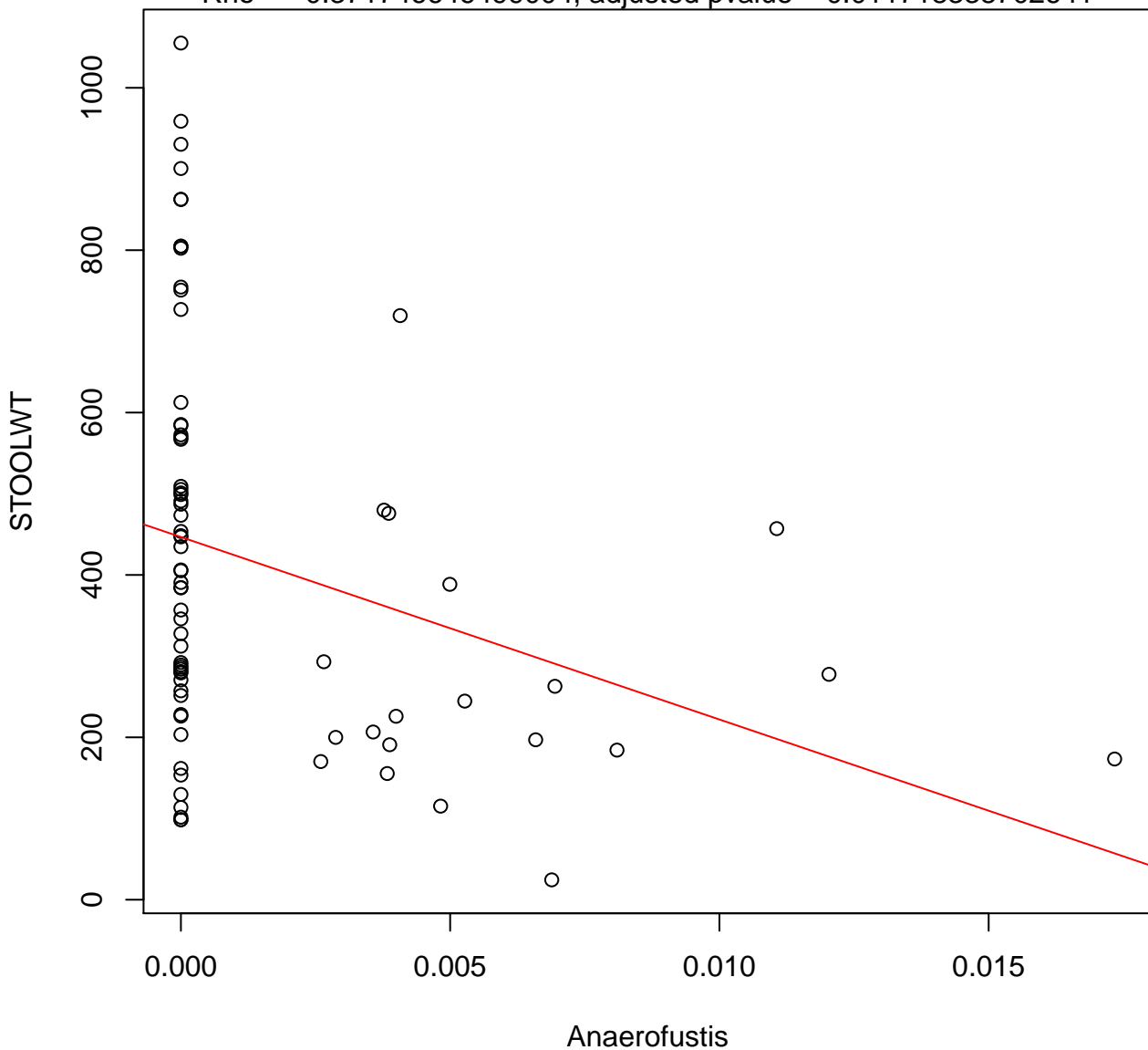
Timepoint 2 , STOOLWT ~ EtOH8

Rho = -0.211999638821046, adjusted pvalue = 0.222725348254409



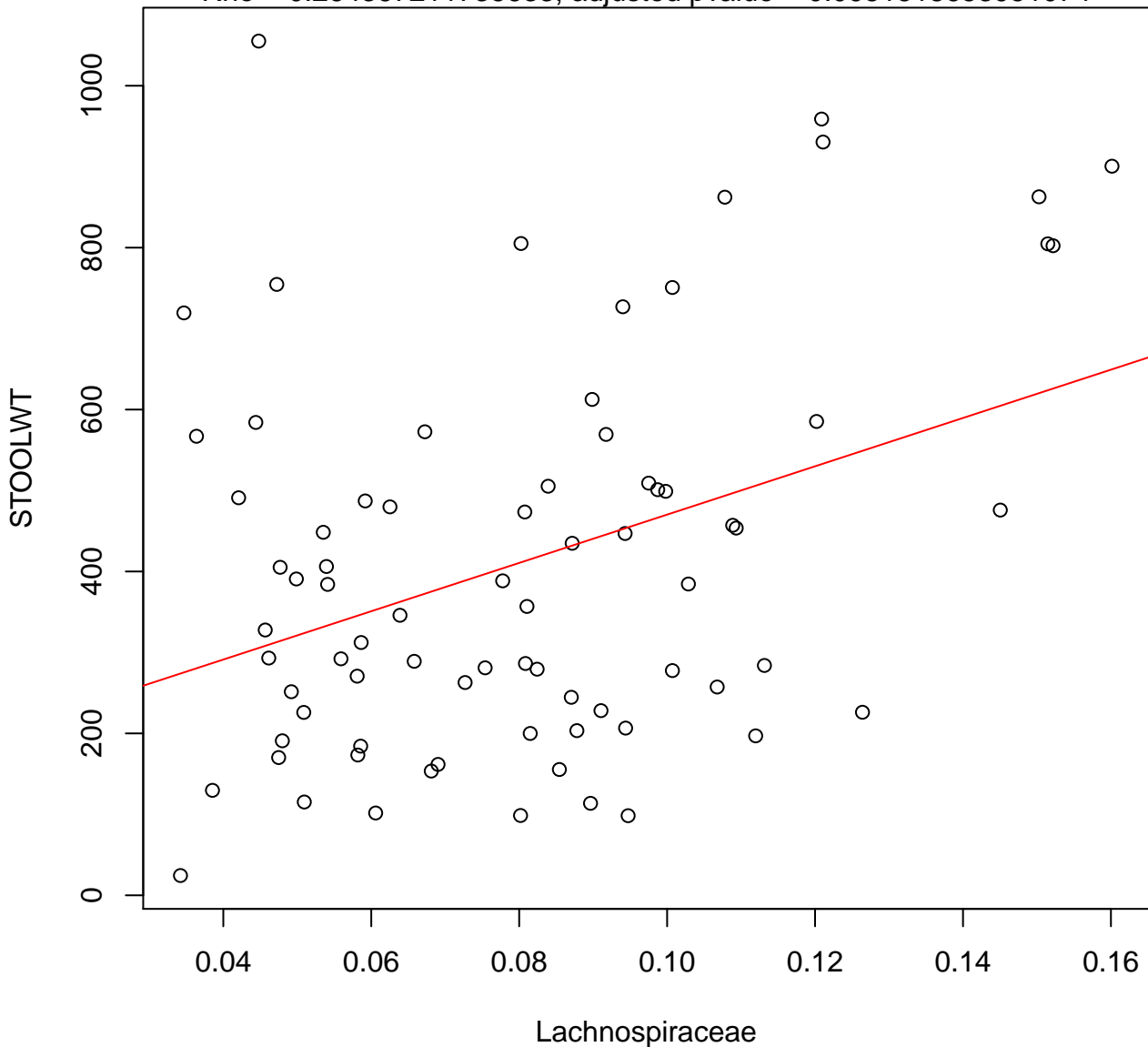
Timepoint 2 , STOOLWT ~ Anaerofustis

Rho = -0.371746646499004 , adjusted pvalue = 0.011718338702641



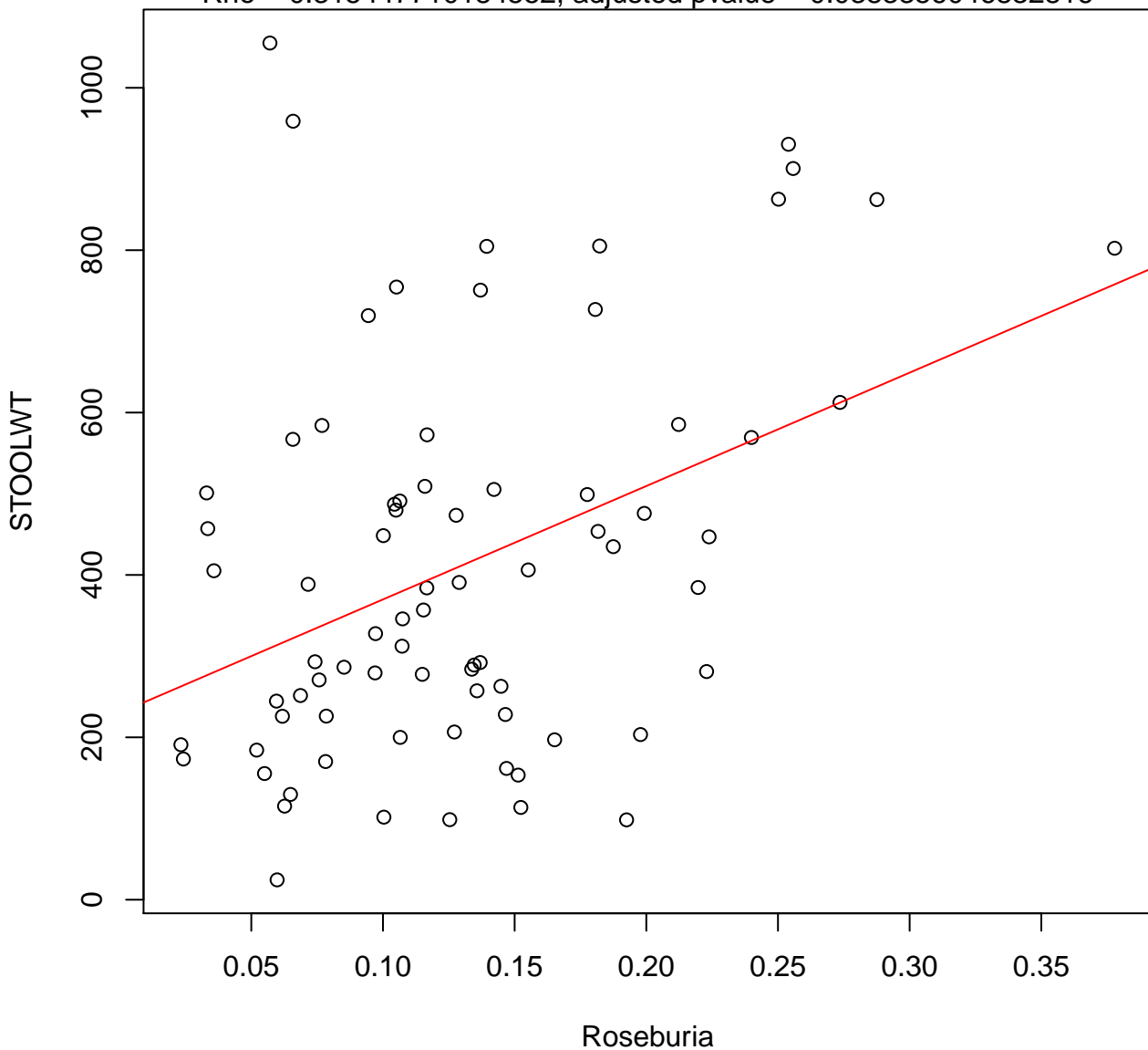
Timepoint 2 , STCOLWT ~ Lachnospiraceae

Rho = 0.264367211735633, adjusted pvalue = 0.0951518653951074



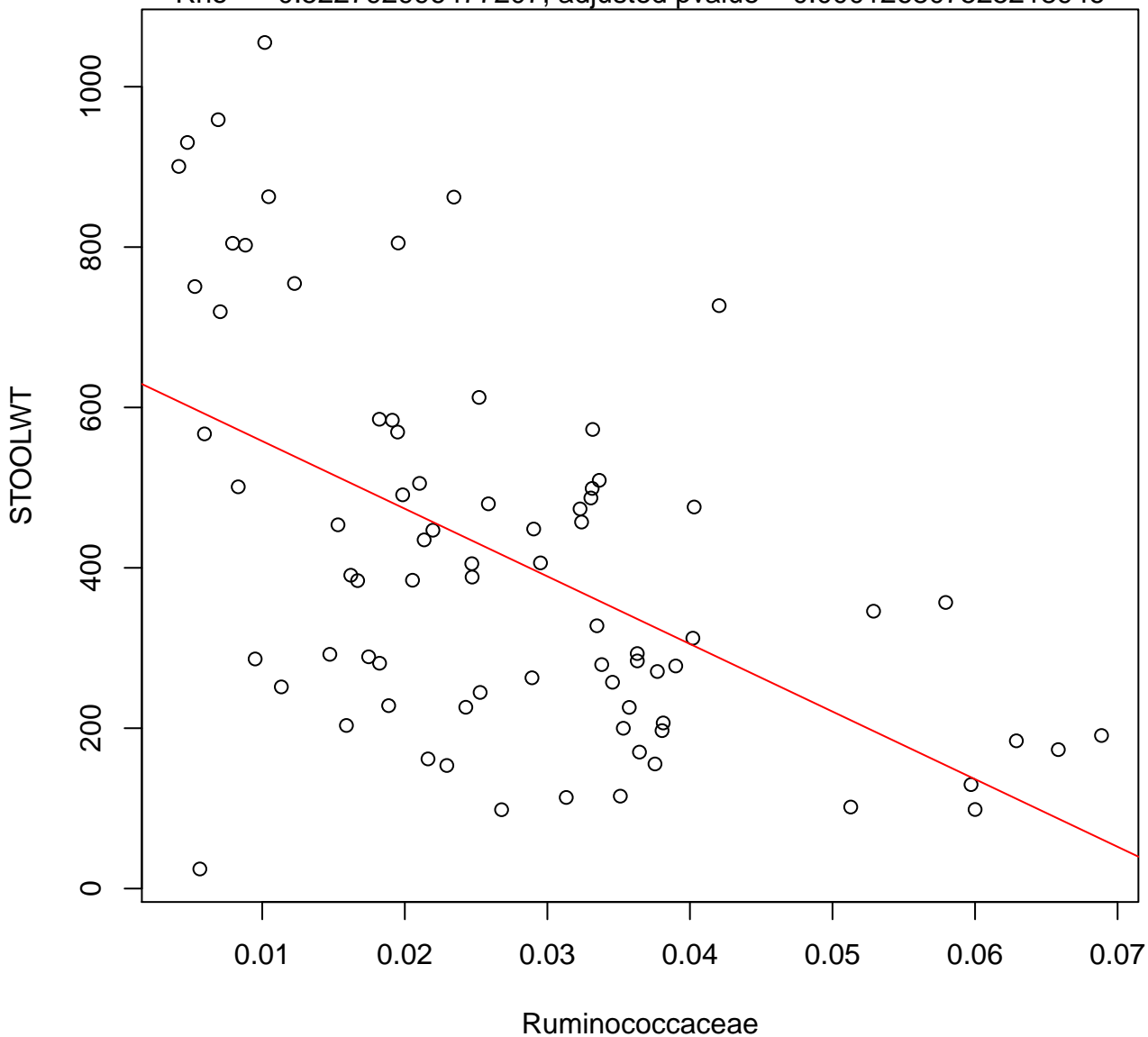
Timepoint 2 , STOLWT ~ Roseburia

Rho = 0.315447710184552, adjusted pvalue = 0.0383356046832816



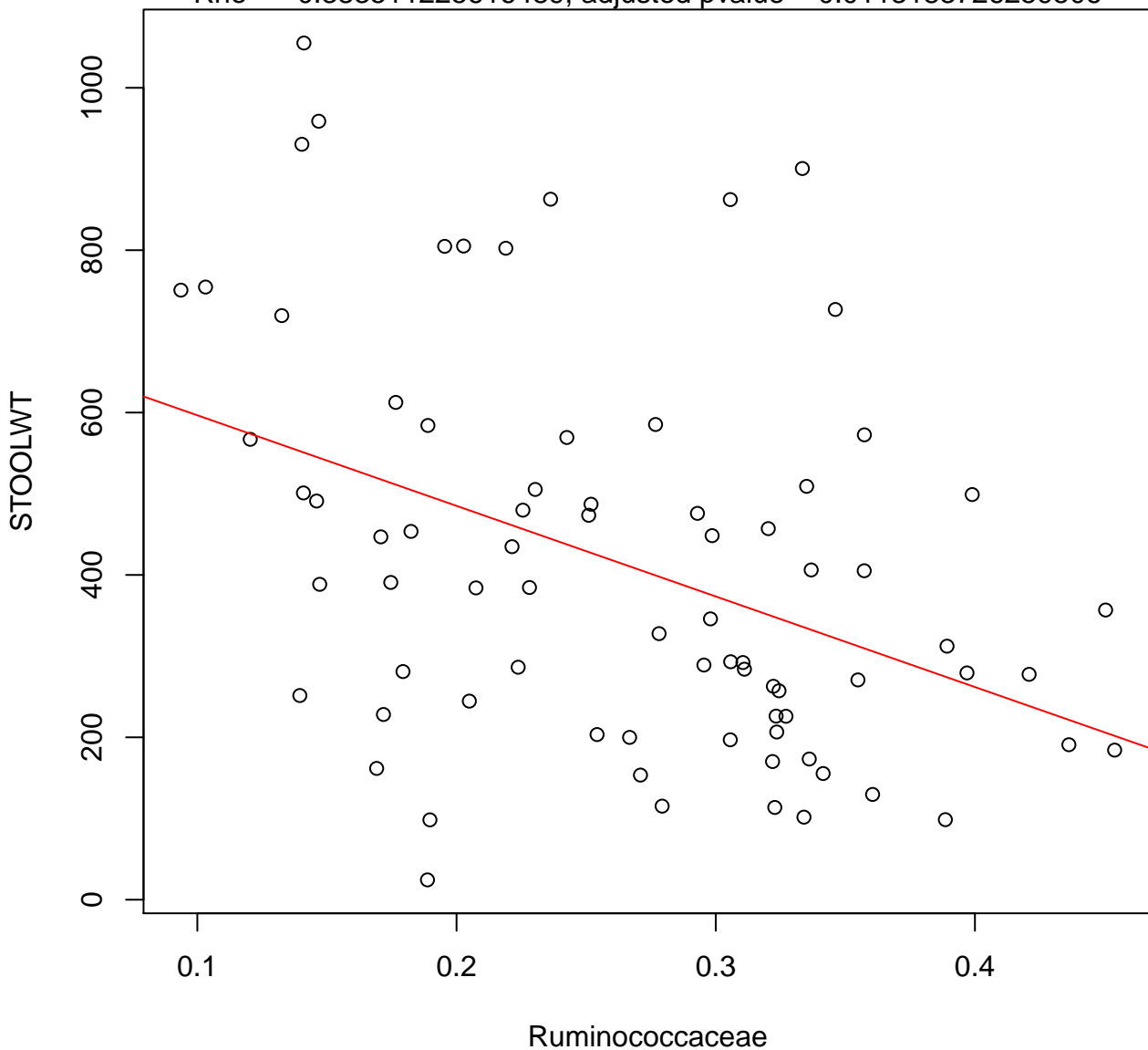
Timepoint 2 , STOOLWT ~ Ruminococcaceae

Rho = -0.522792996477207 , adjusted pvalue = 0.000126807525218946



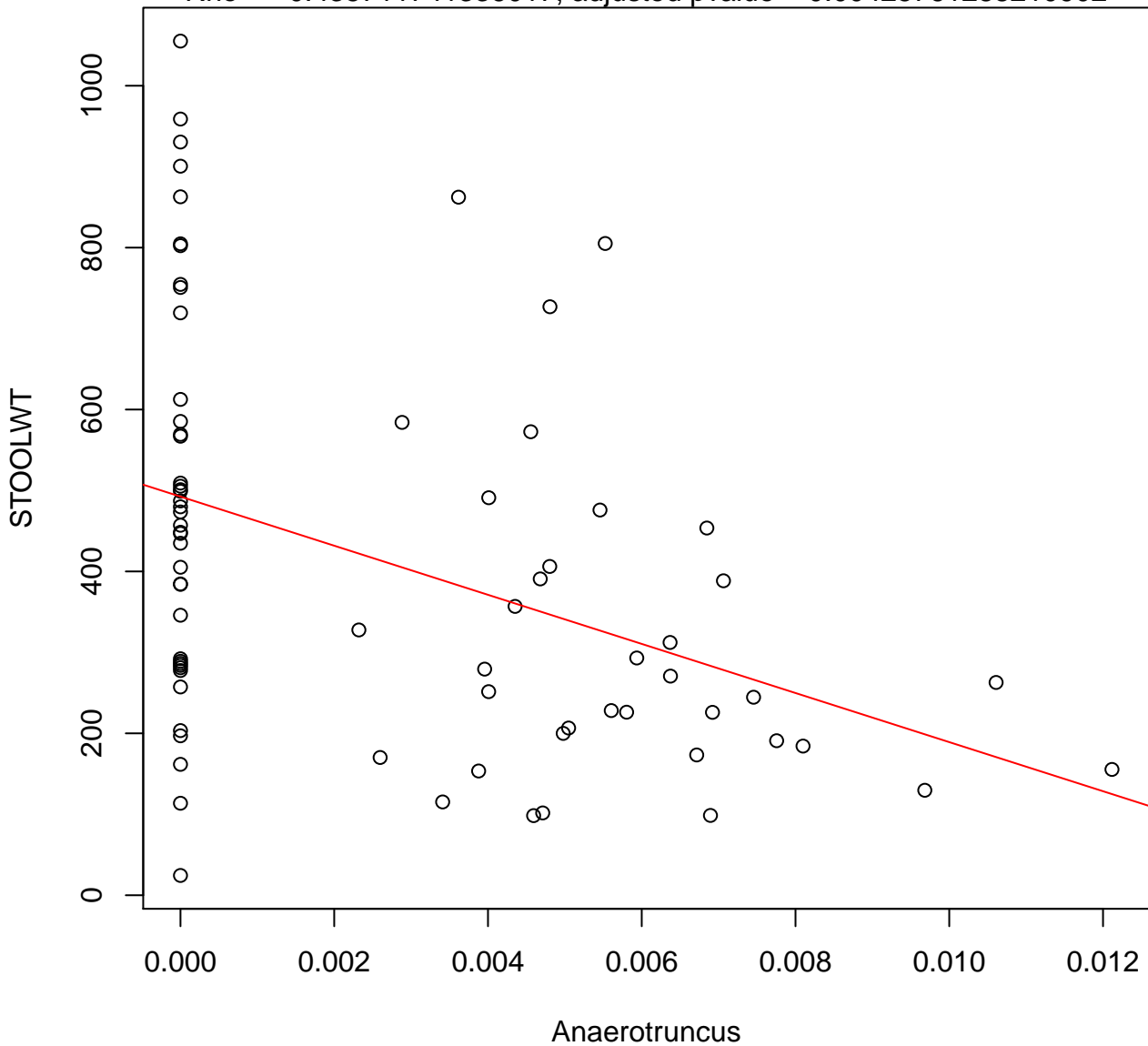
Timepoint 2 , ST00LWT ~ Ruminococcaceae

Rho = -0.383511225616489, adjusted pvalue = 0.0113183726259506



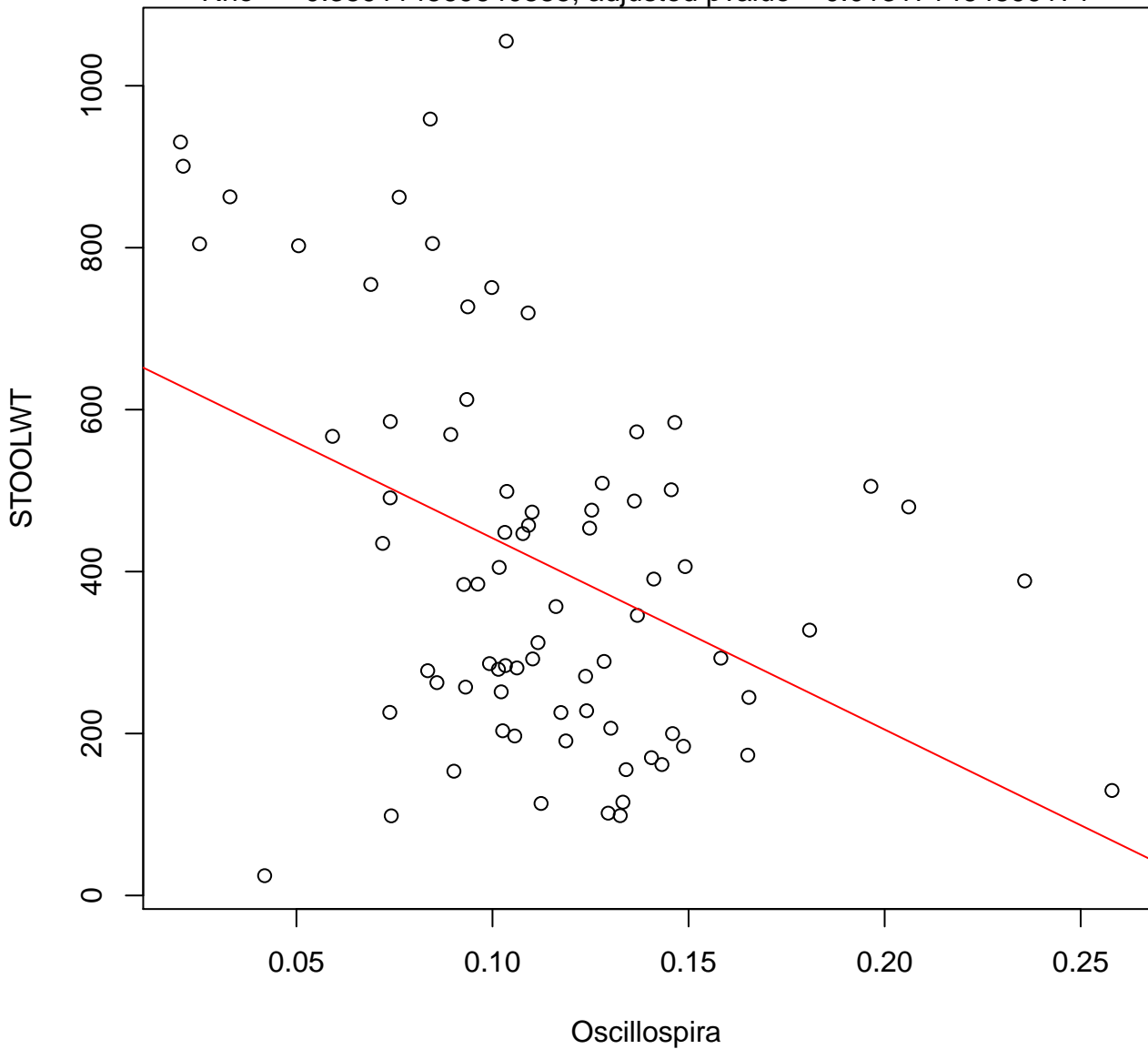
Timepoint 2 , ST00LWT ~ Anaerotruncus

Rho = -0.435711741336017, adjusted pvalue = 0.00425761288210902



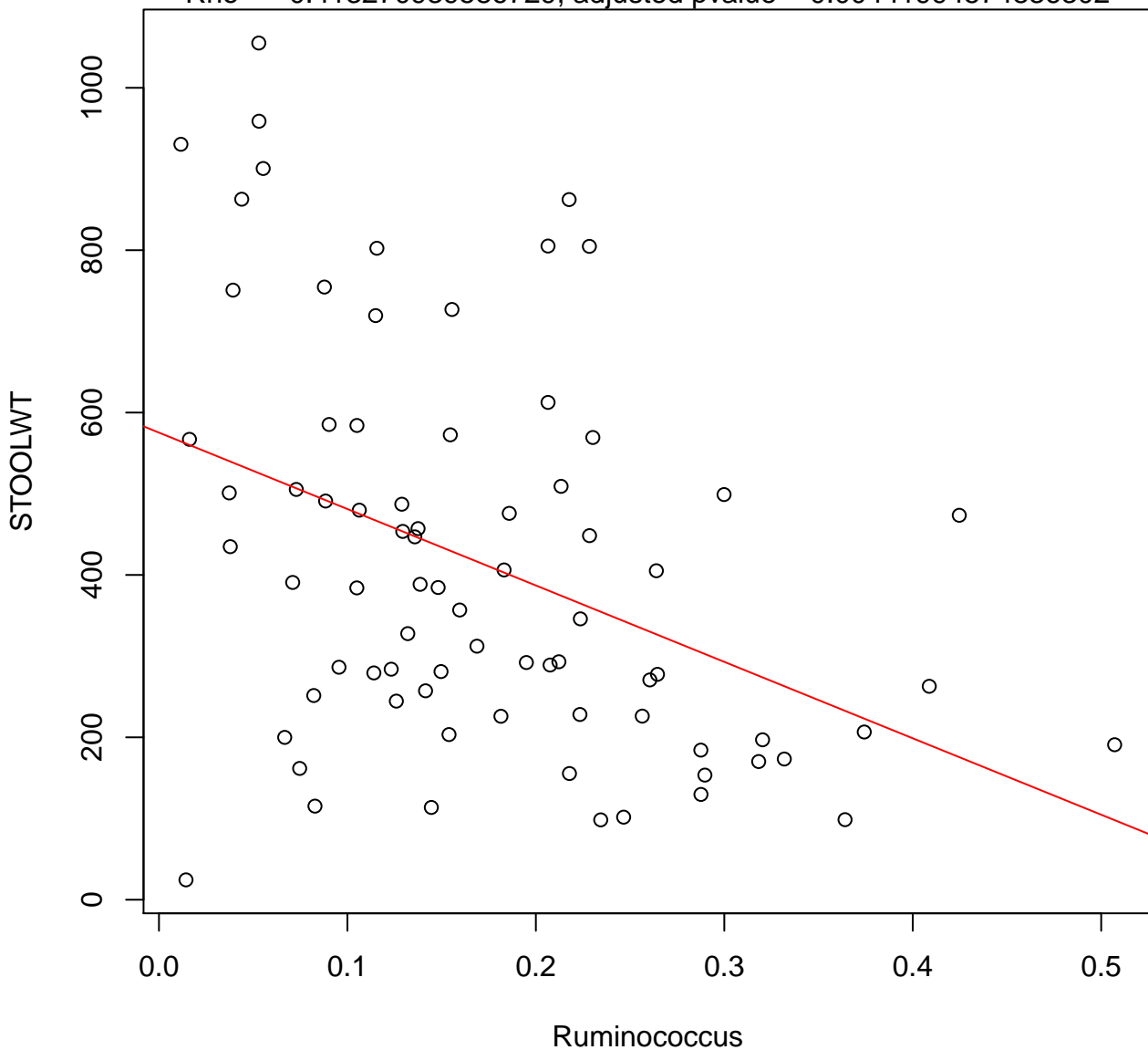
Timepoint 2 , STOOLWT ~ Oscillospira

Rho = -0.359114569640885 , adjusted pvalue = 0.013171464899171



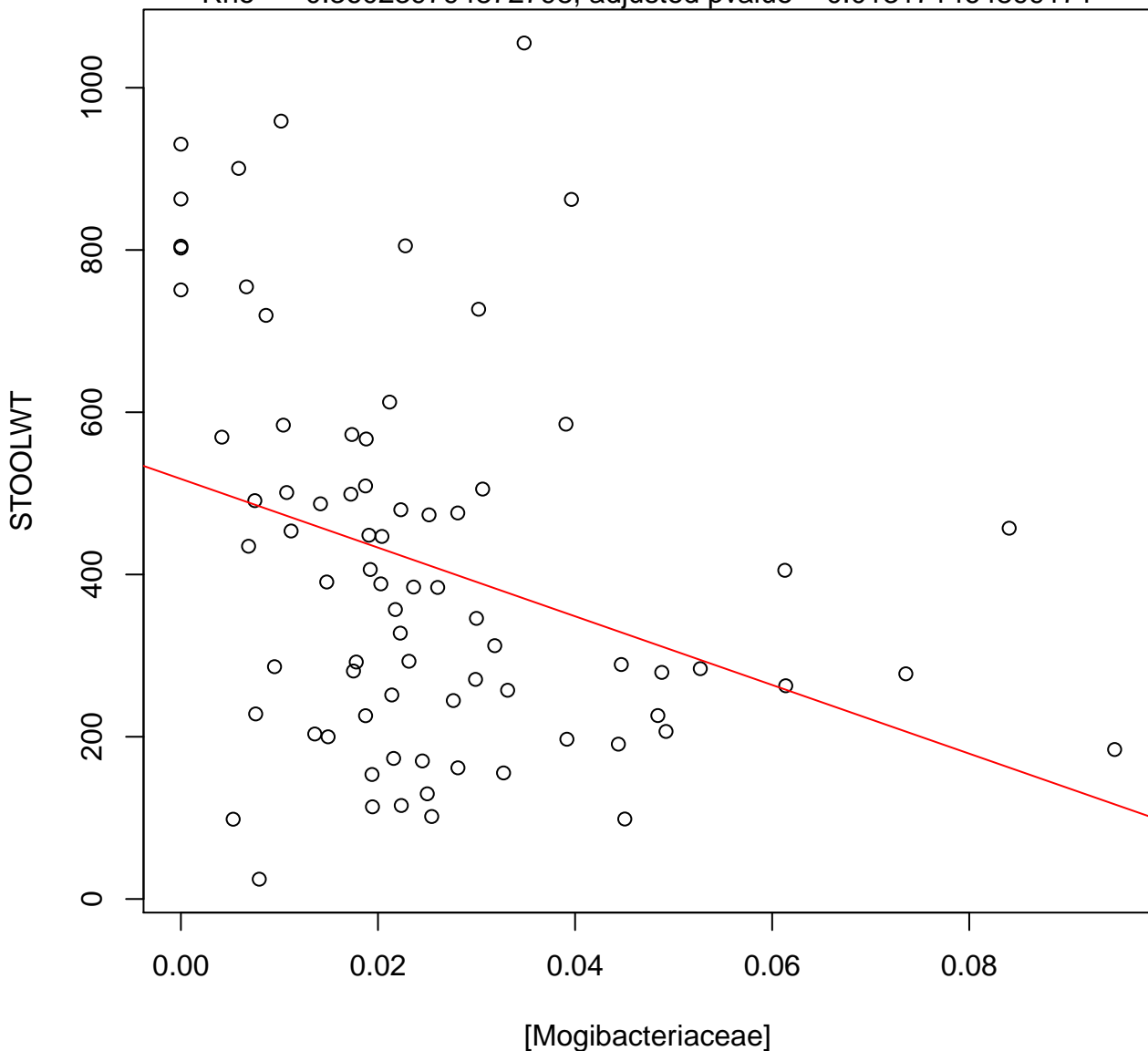
Timepoint 2 , ST00LWT ~ Ruminococcus

Rho = -0.413270939586729, adjusted pvalue = 0.00441994574836302



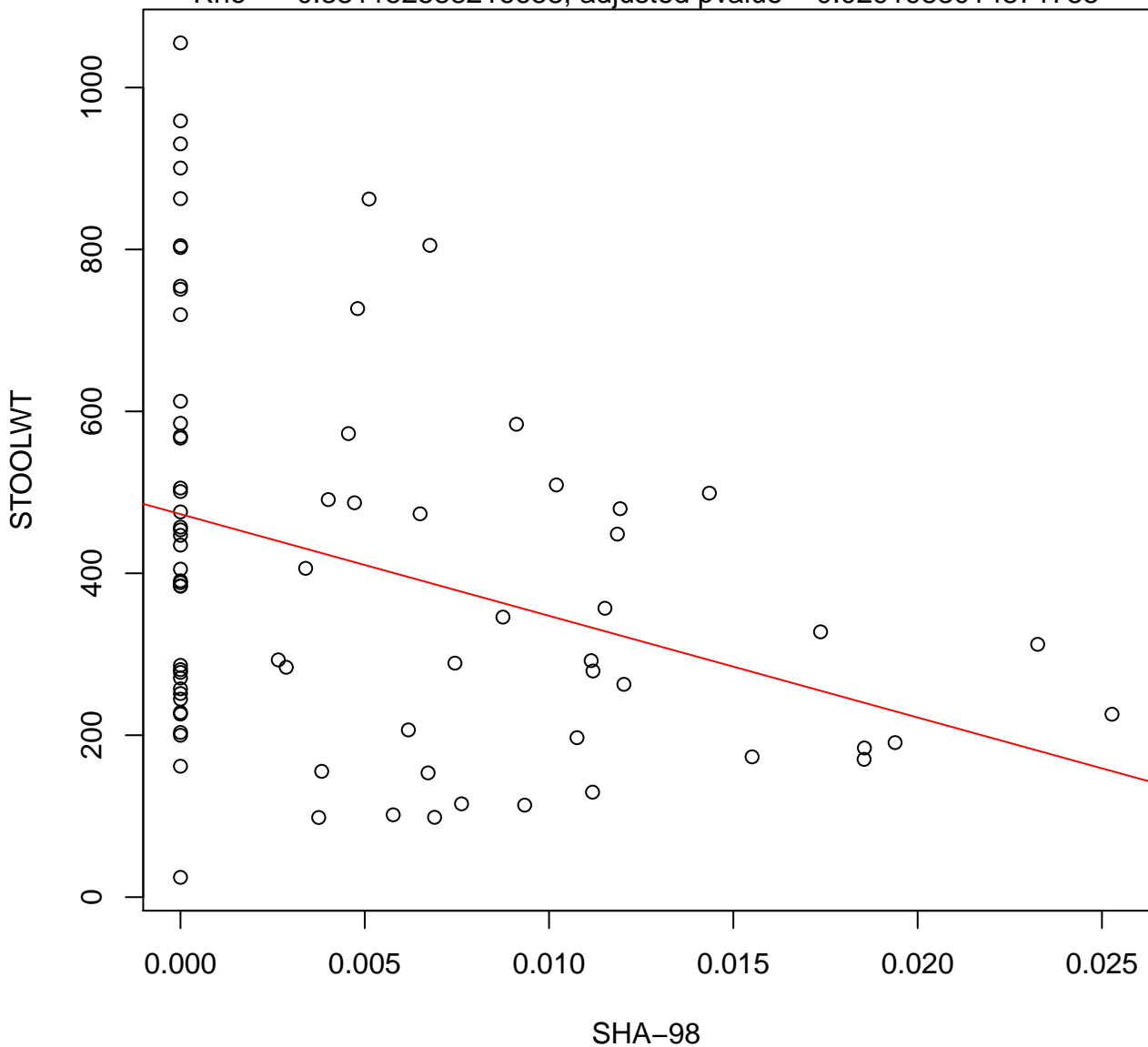
Timepoint 2 , STOOLWT ~ [Mogibacteriaceae]

Rho = -0.360239794872798 , adjusted pvalue = 0.013171464899171



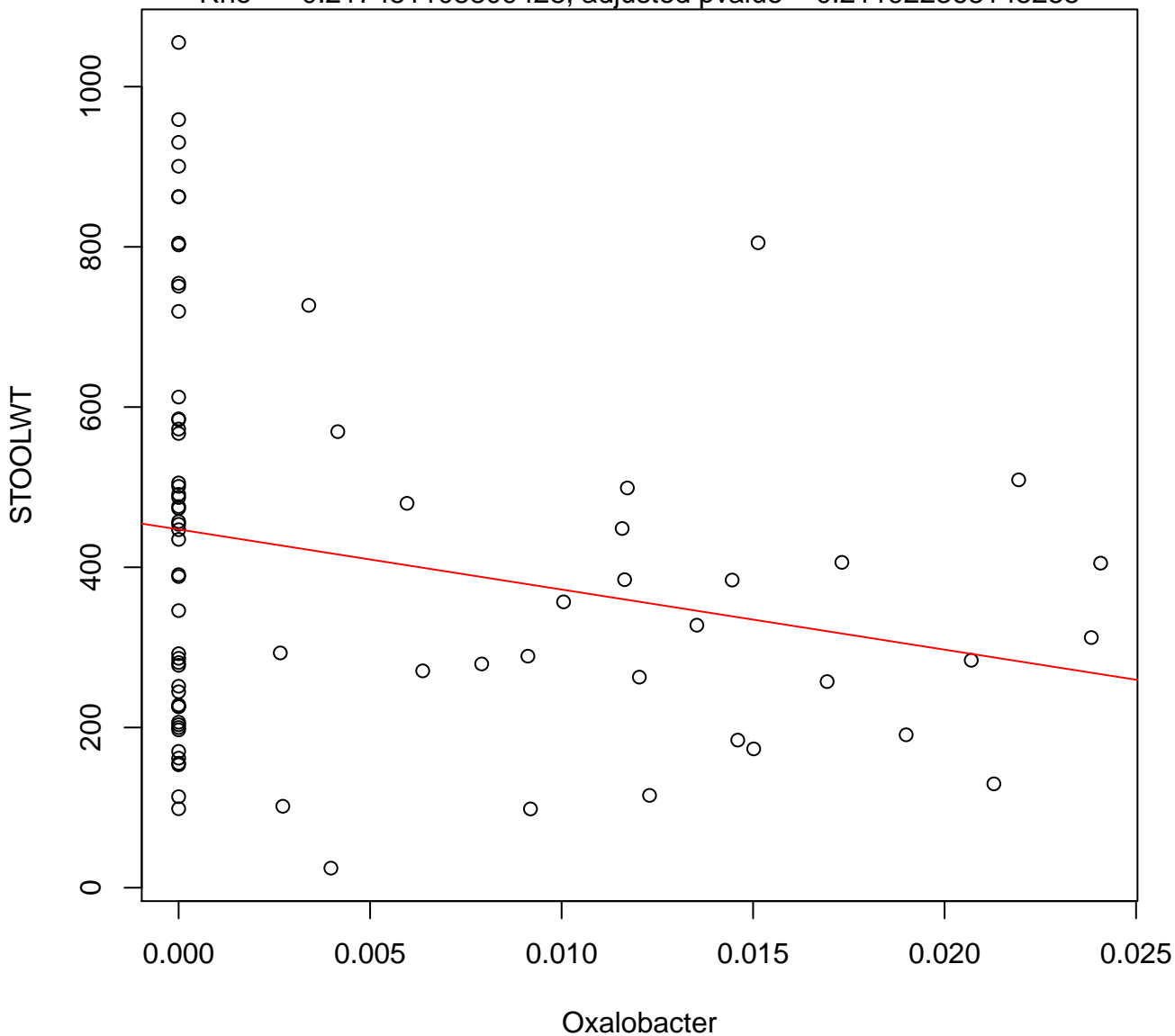
Timepoint 2 , STOOLWT ~ SHA-98

Rho = -0.331152588216658 , adjusted pvalue = 0.0291983014871755



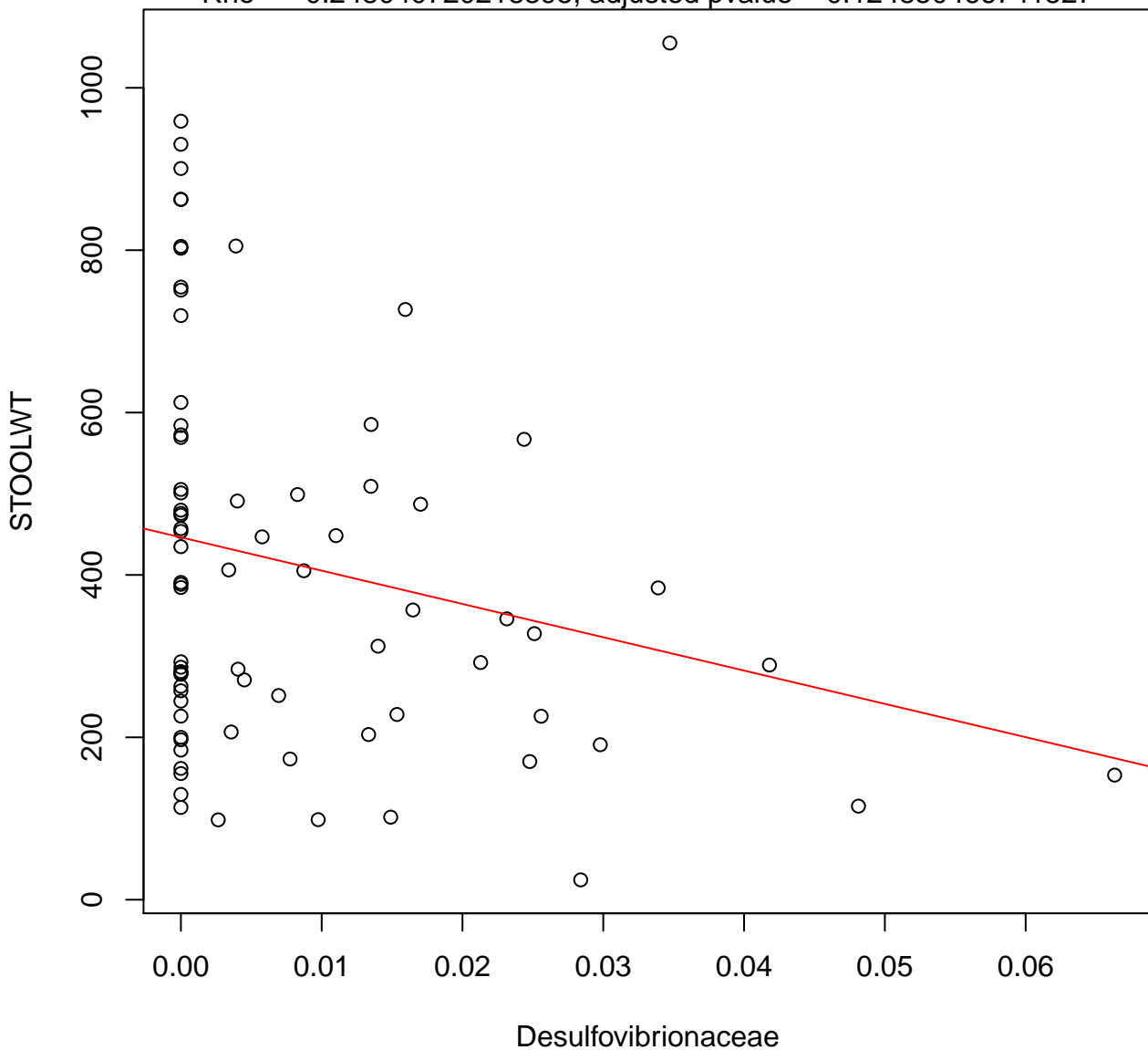
Timepoint 2 , ST00LWT ~ Oxalobacter

Rho = -0.217451108809428, adjusted pvalue = 0.211922368145255



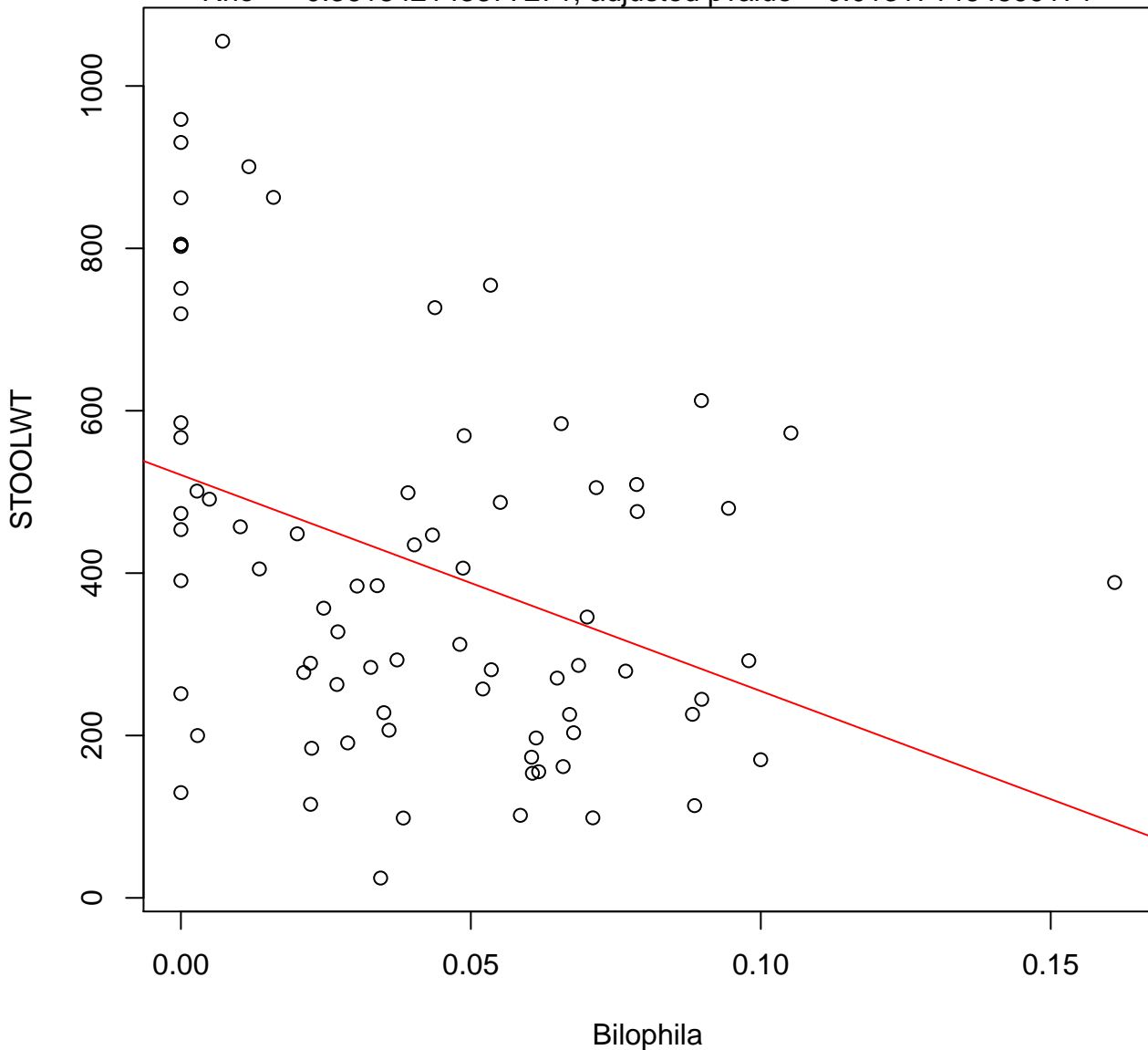
Timepoint 2 , ST00LWT ~ Desulfovibrionaceae

Rho = -0.248040720218395, adjusted pvalue = 0.124850466741527



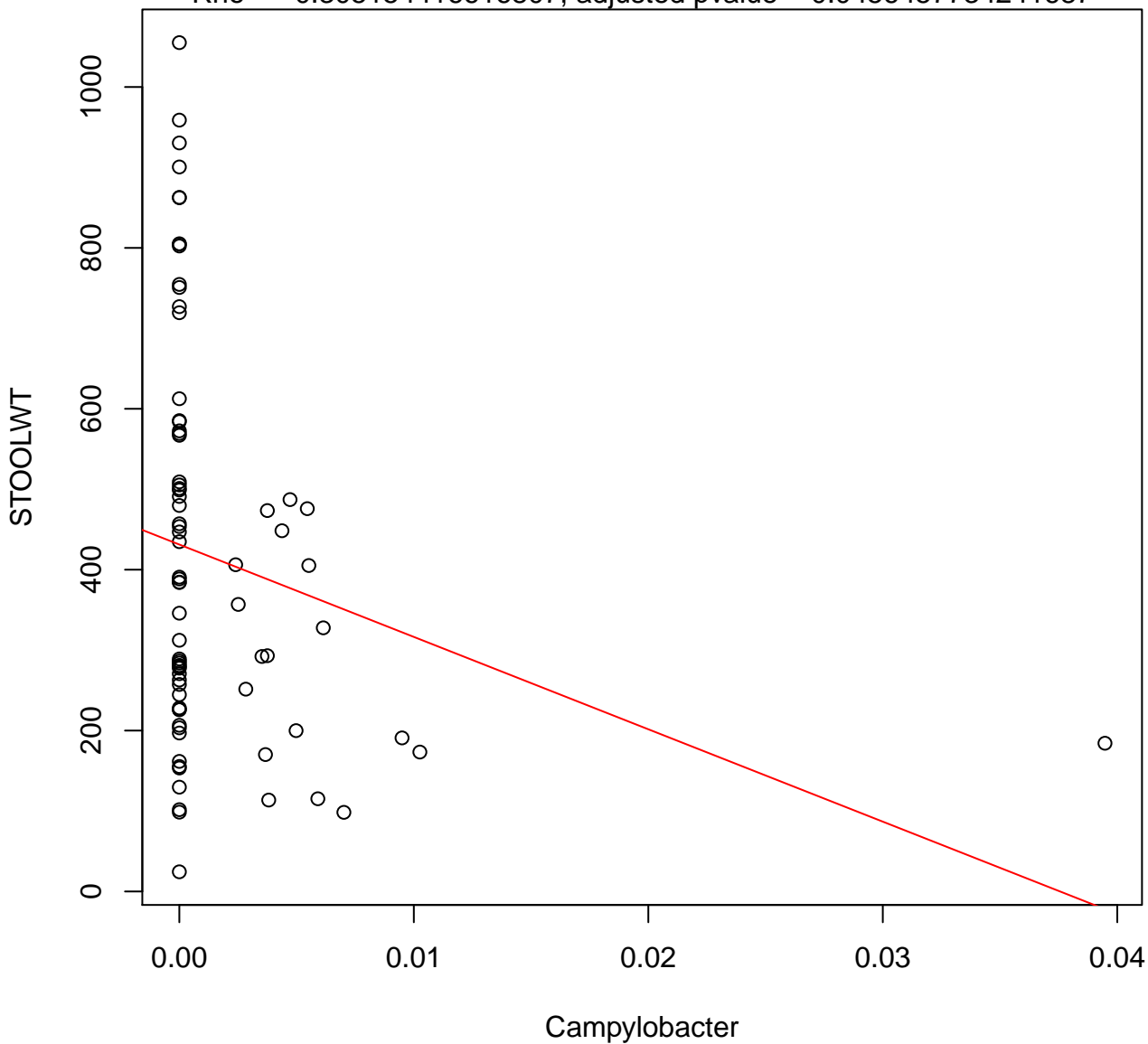
Timepoint 2 , STOOLWT ~ Bilophila

Rho = -0.361842143877271 , adjusted pvalue = 0.013171464899171



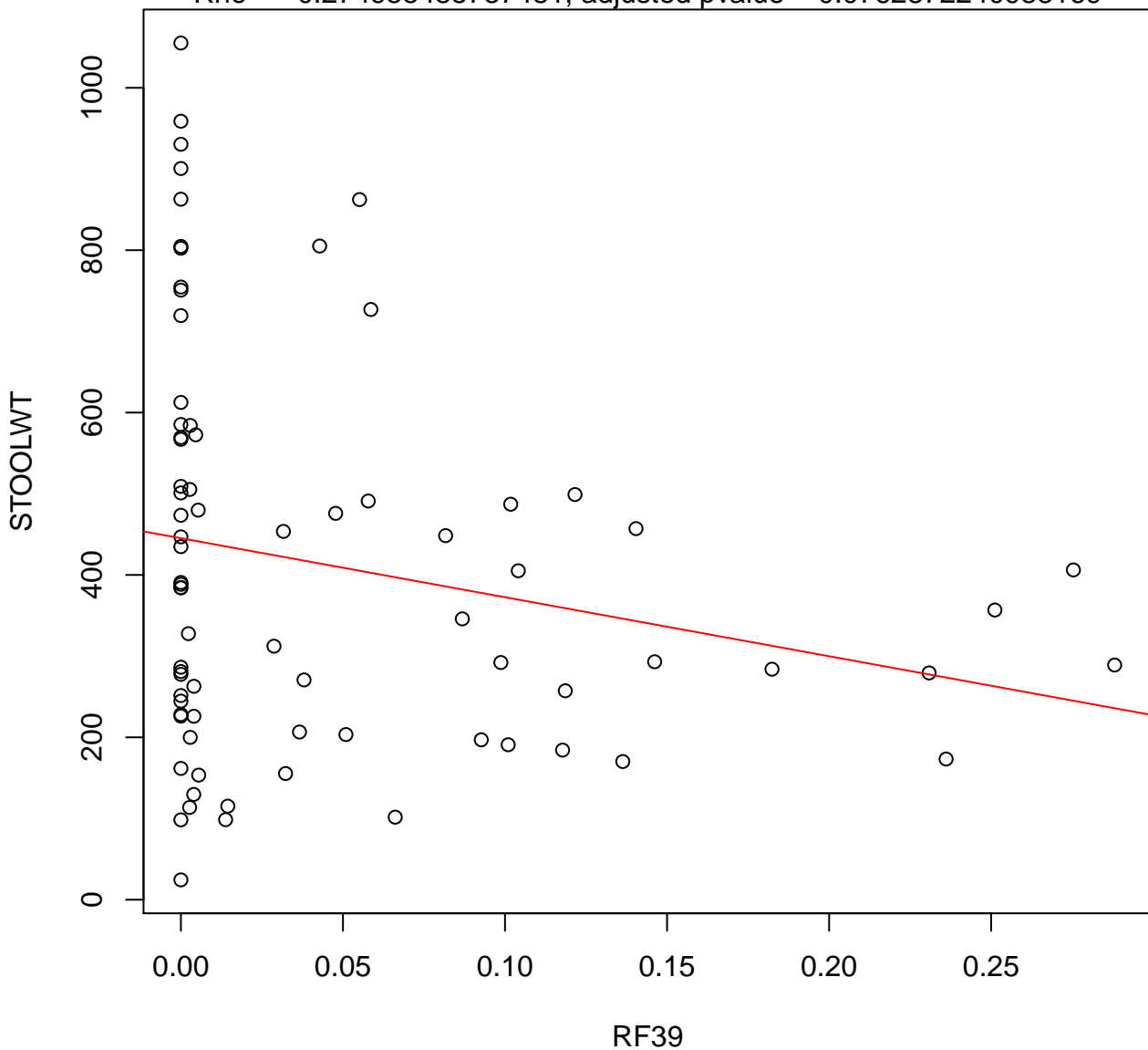
Timepoint 2 , ST00LWT ~ Campylobacter

Rho = -0.305154416616807, adjusted pvalue = 0.0456457734241687



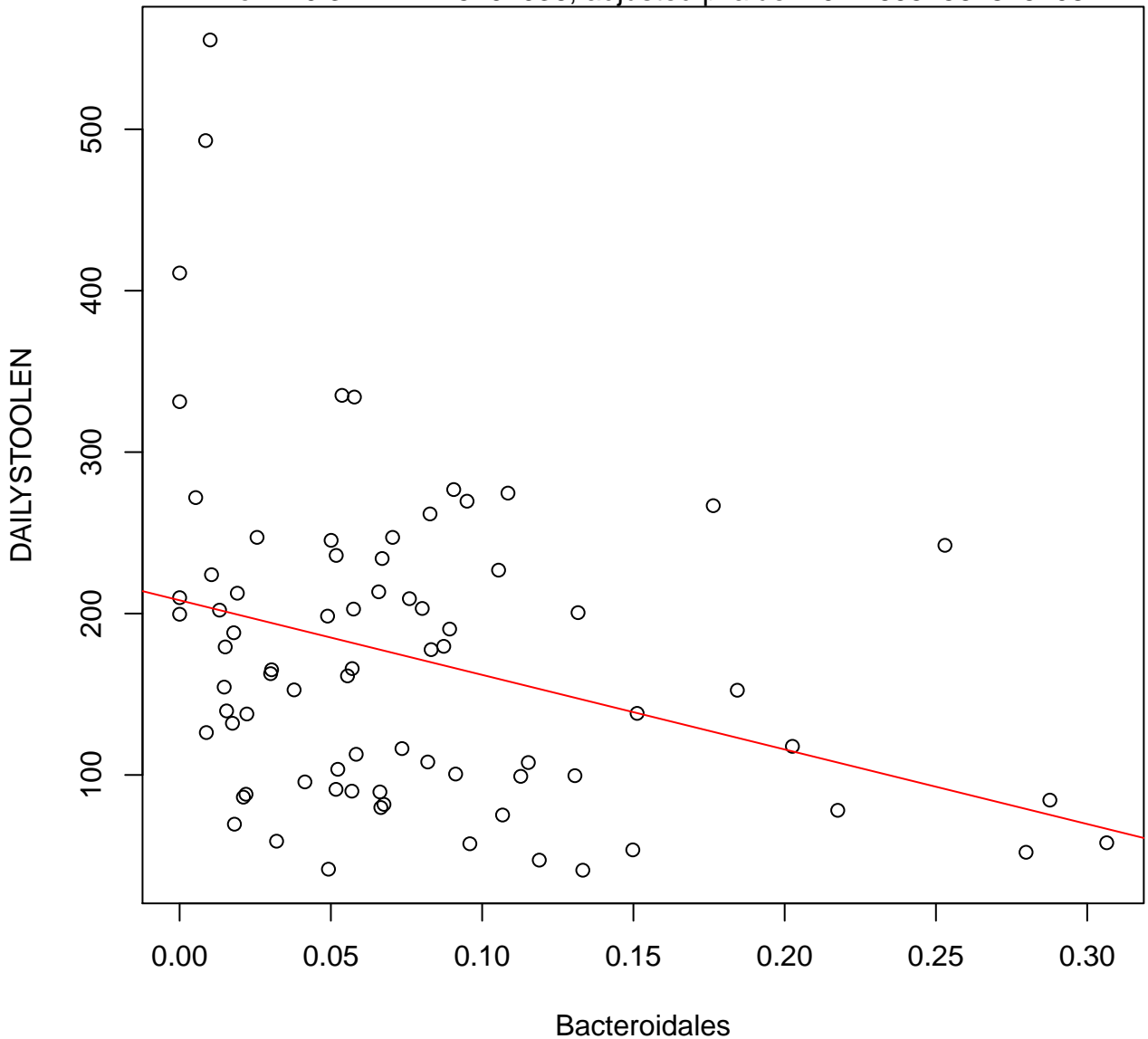
Timepoint 2 , STOOLWT ~ RF39

Rho = -0.274955485737481 , adjusted pvalue = 0.0762872240988169



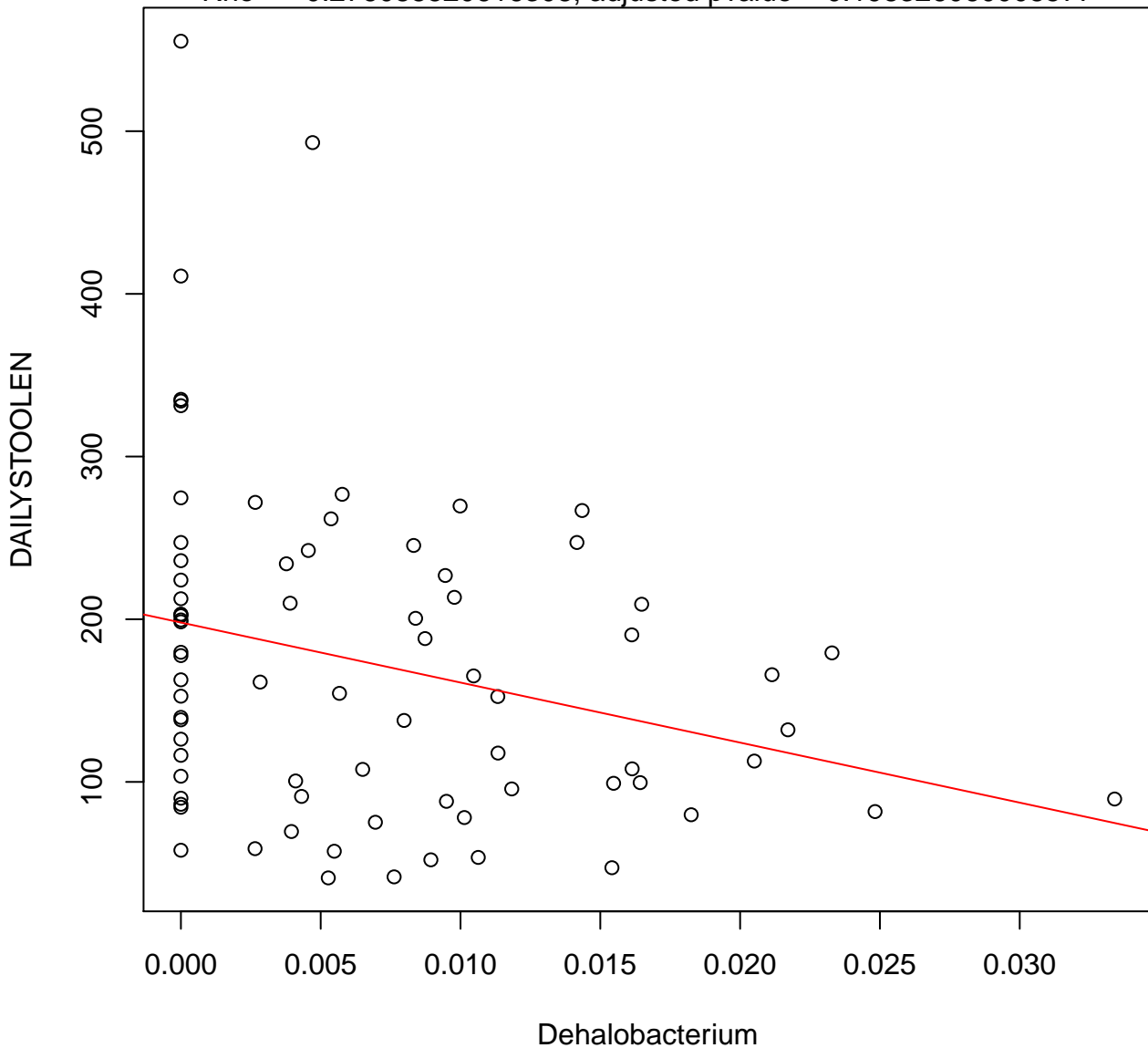
Timepoint 2 , DAILYSTOOLEN ~ Bacteroidales

Rho = -0.311121745207036 , adjusted pvalue = 0.146952564875408



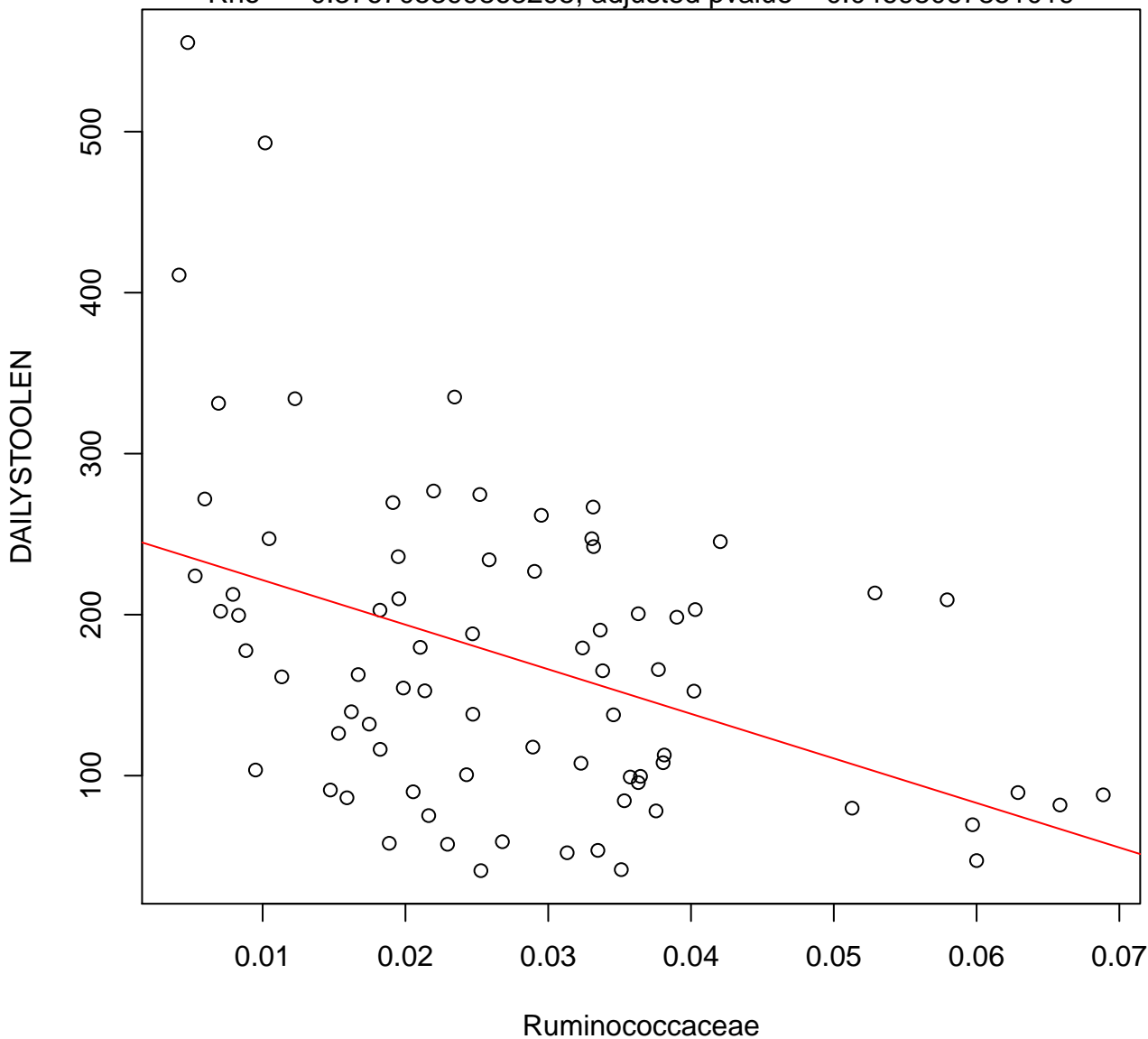
Timepoint 2 , DAILYSTOOLEN ~ Dehalobacterium

Rho = -0.276088520616308 , adjusted pvalue = 0.198326060008577



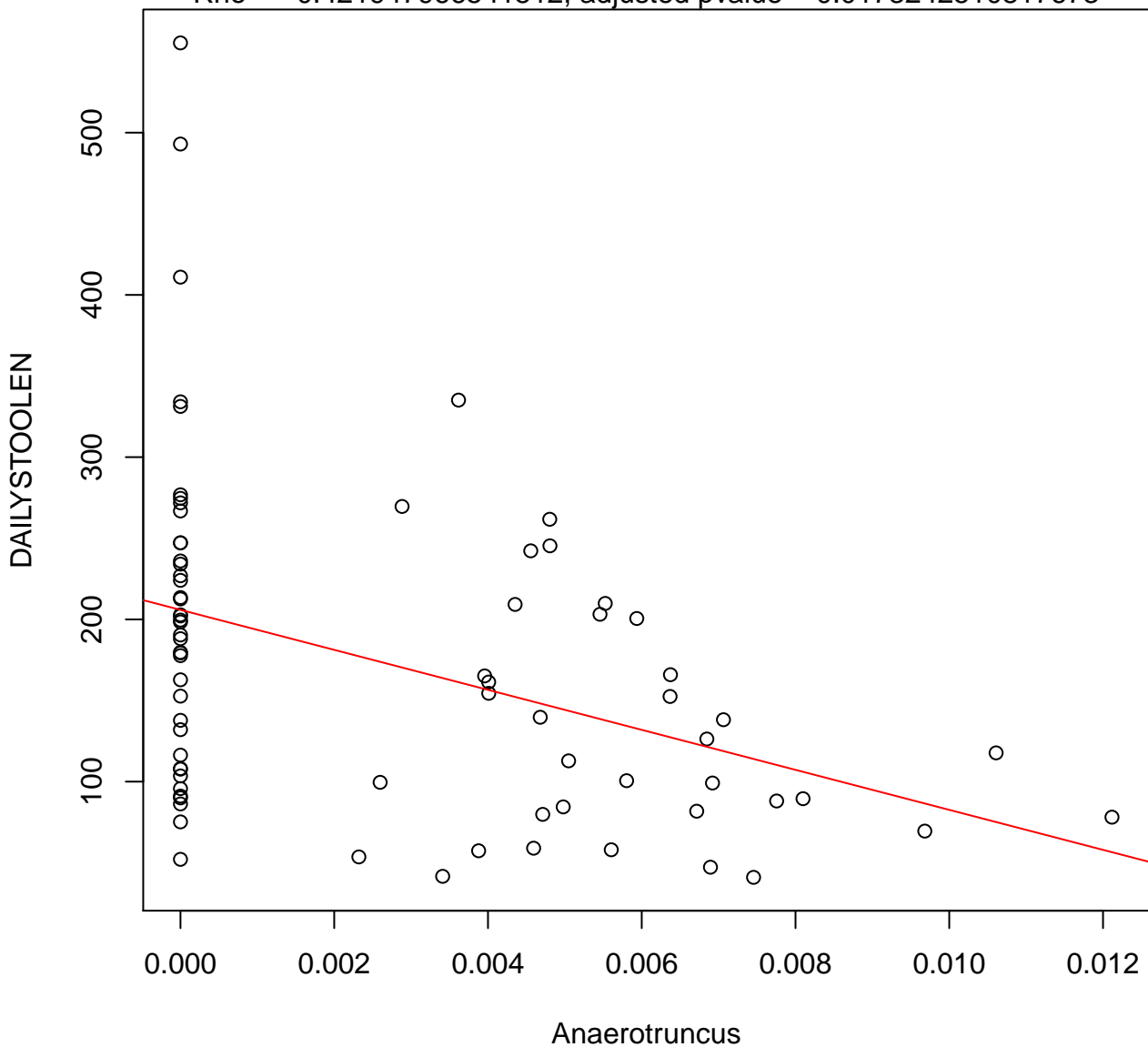
Timepoint 2 , DAILYSTOOLEN ~ Ruminococcaceae

Rho = -0.376705399863295 , adjusted pvalue = 0.04698067851019



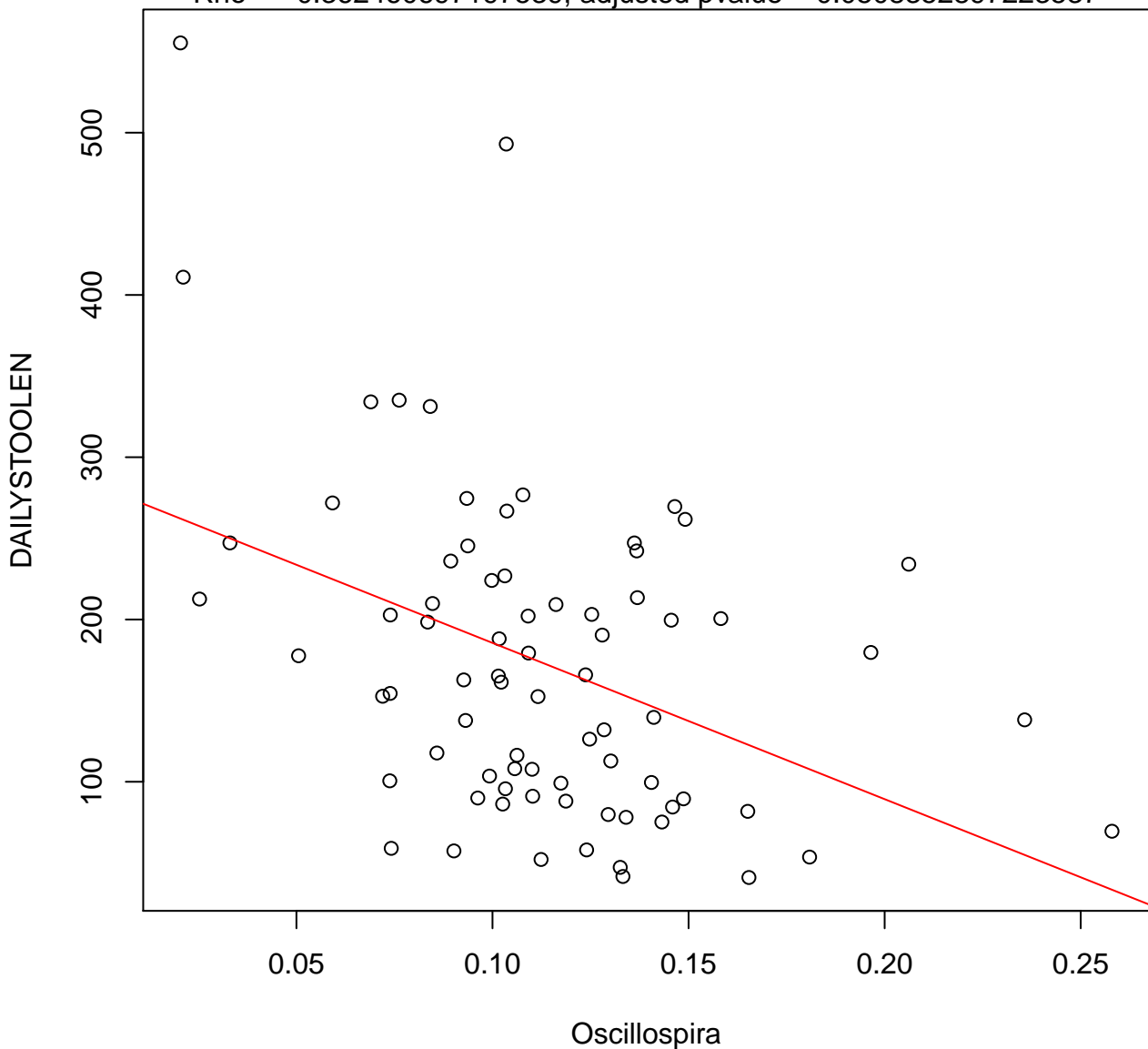
Timepoint 2 , DAILYSTOOLEN ~ Anaerotruncus

Rho = -0.421947966541512 , adjusted pvalue = 0.0173242510817673



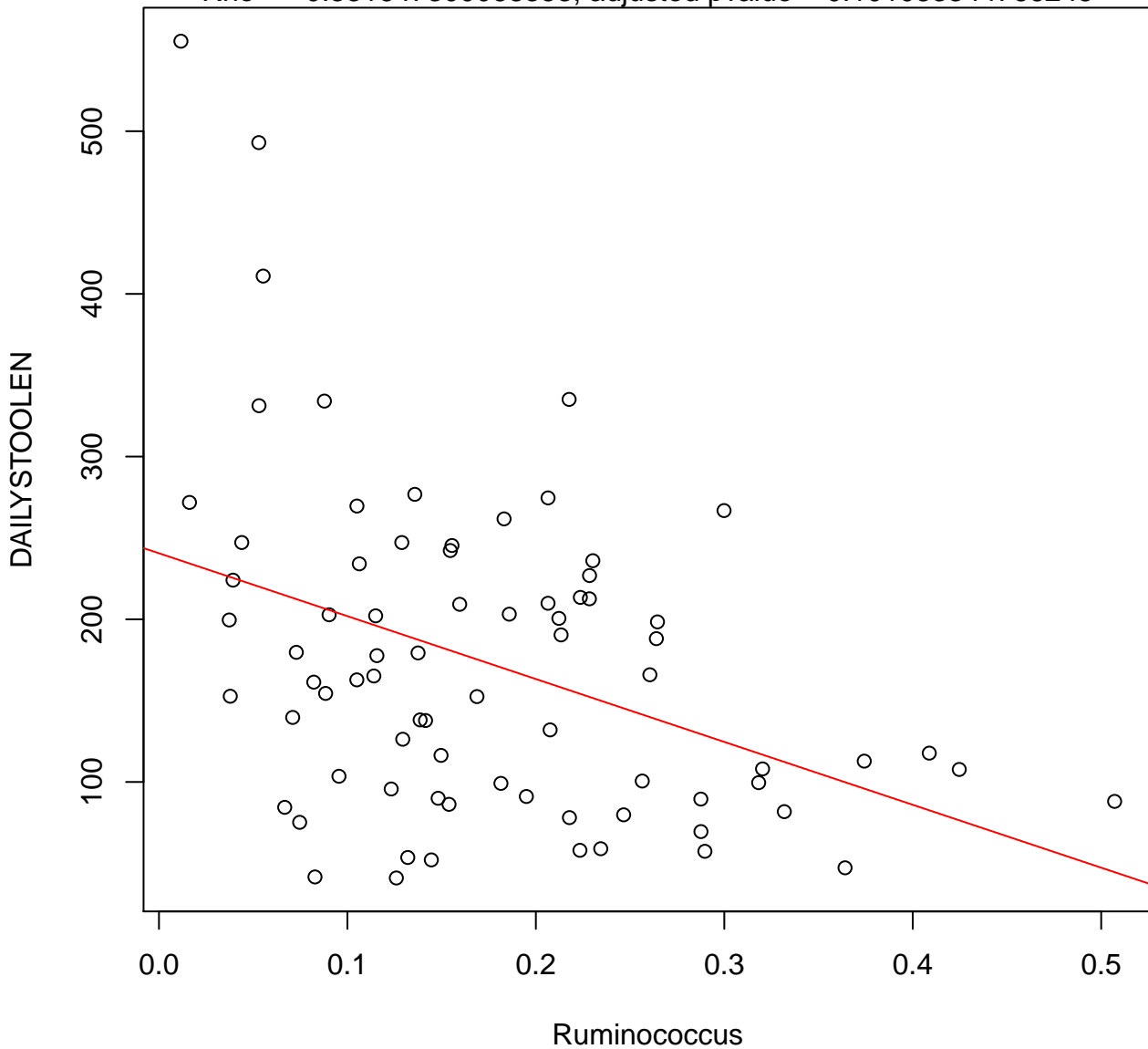
Timepoint 2 , DAILYSTOOLEN ~ Oscillospira

Rho = -0.362460697197539 , adjusted pvalue = 0.0508352897223537



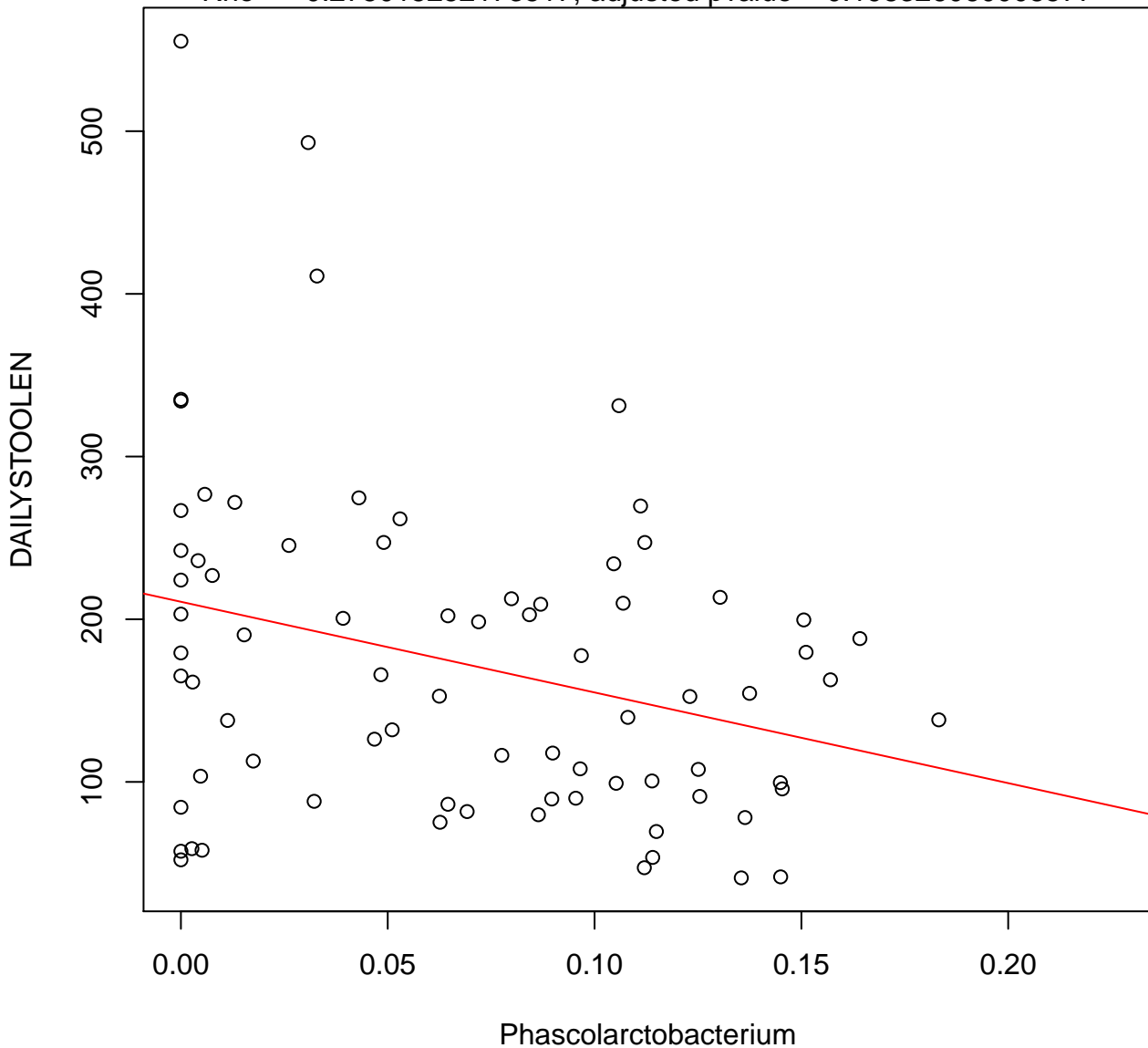
Timepoint 2 , DAILYSTOOLEN ~ Ruminococcus

Rho = -0.331647300068353 , adjusted pvalue = 0.101083344766245



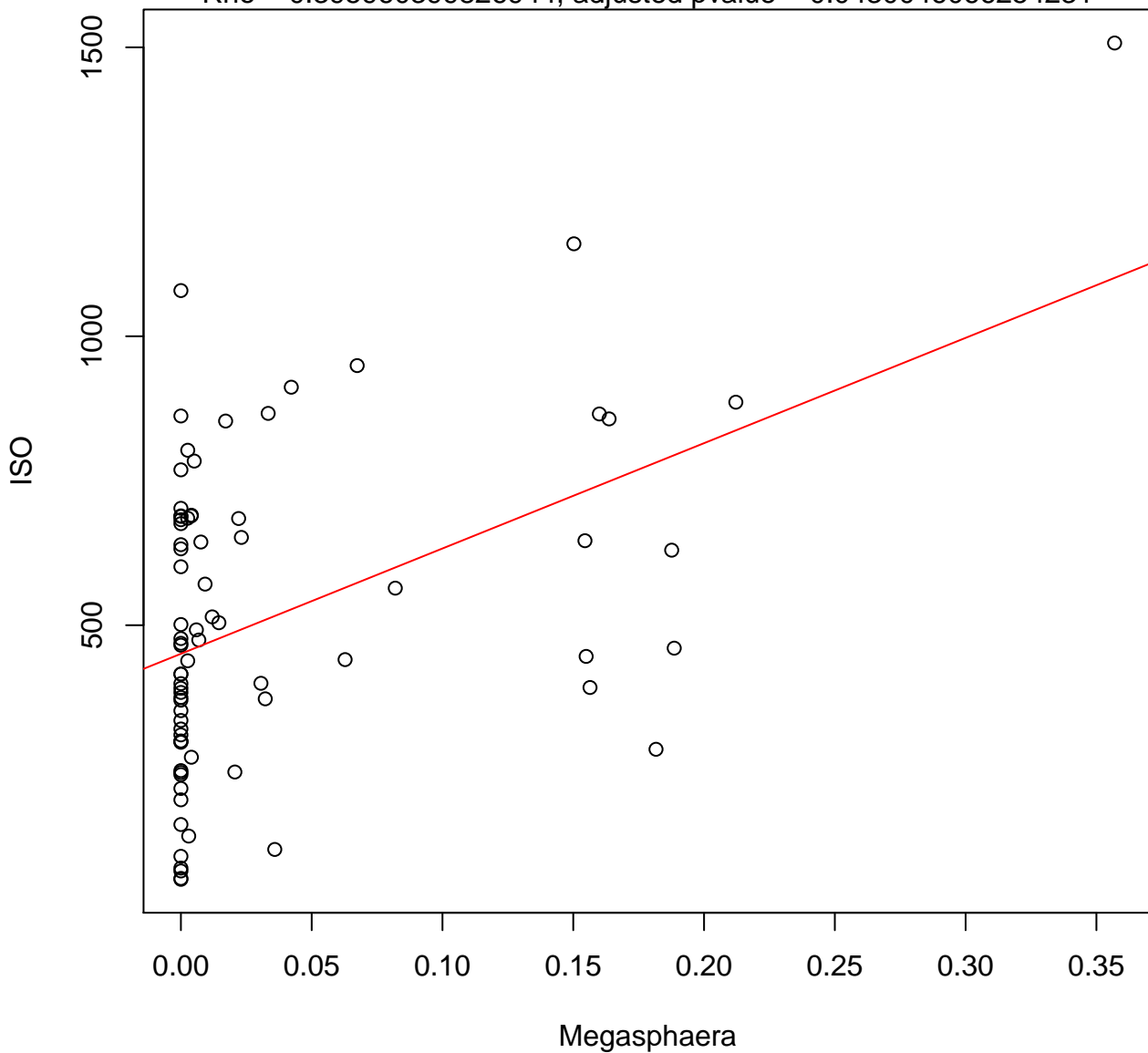
Timepoint 2 , DAILYSTOOLEN ~ Phascolarctobacterium

Rho = -0.275015252173517 , adjusted pvalue = 0.198326060008577



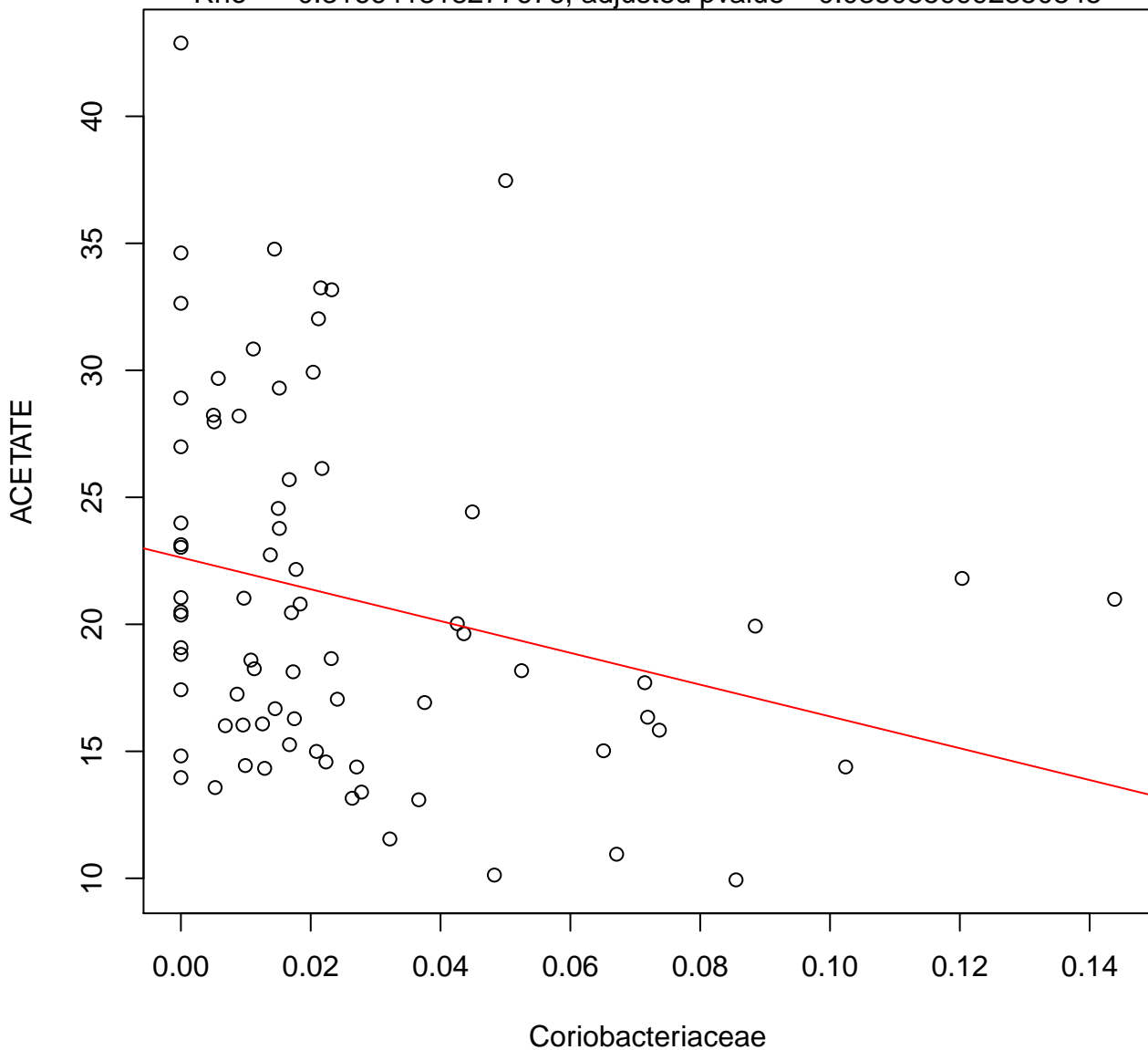
Timepoint 2 , ISO ~ Megasphaera

Rho = 0.395960399826944, adjusted pvalue = 0.0430046066254231



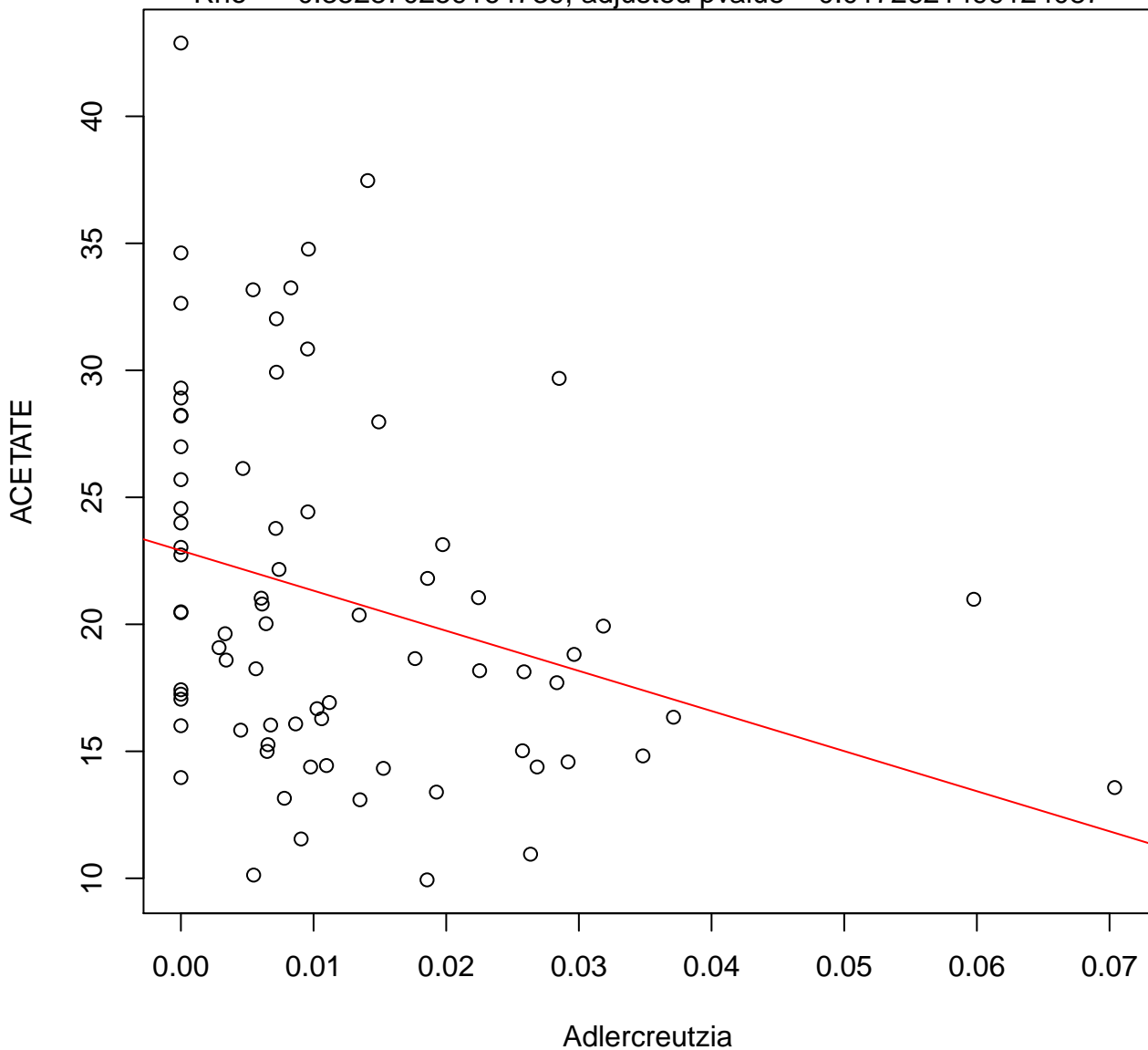
Timepoint 2 , ACETATE ~ Coriobacteriaceae

Rho = -0.316641818277676 , adjusted pvalue = 0.0350559992350845



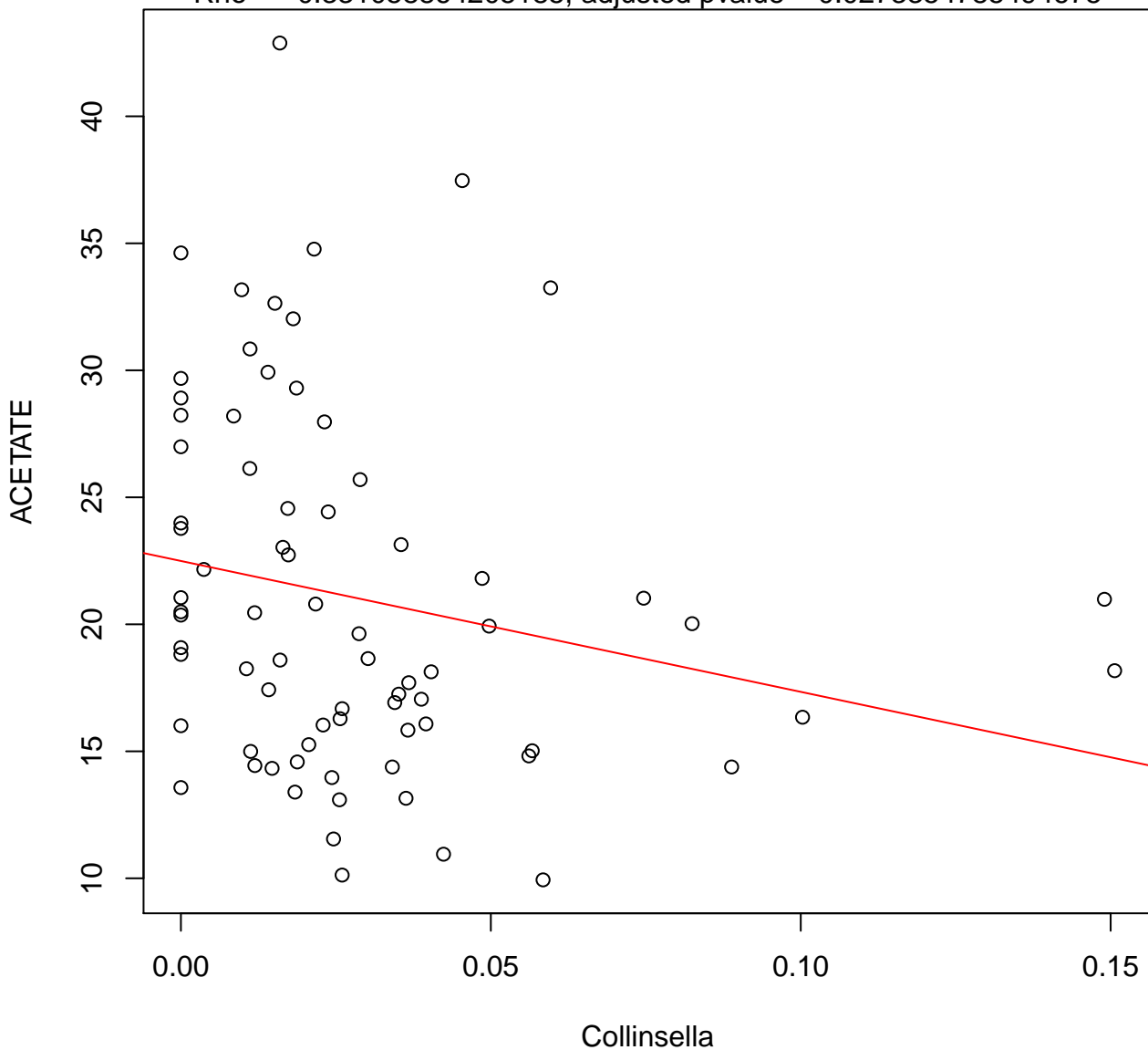
Timepoint 2 , ACETATE ~ Adlercreutzia

Rho = -0.352870259164739 , adjusted pvalue = 0.0172621499124087



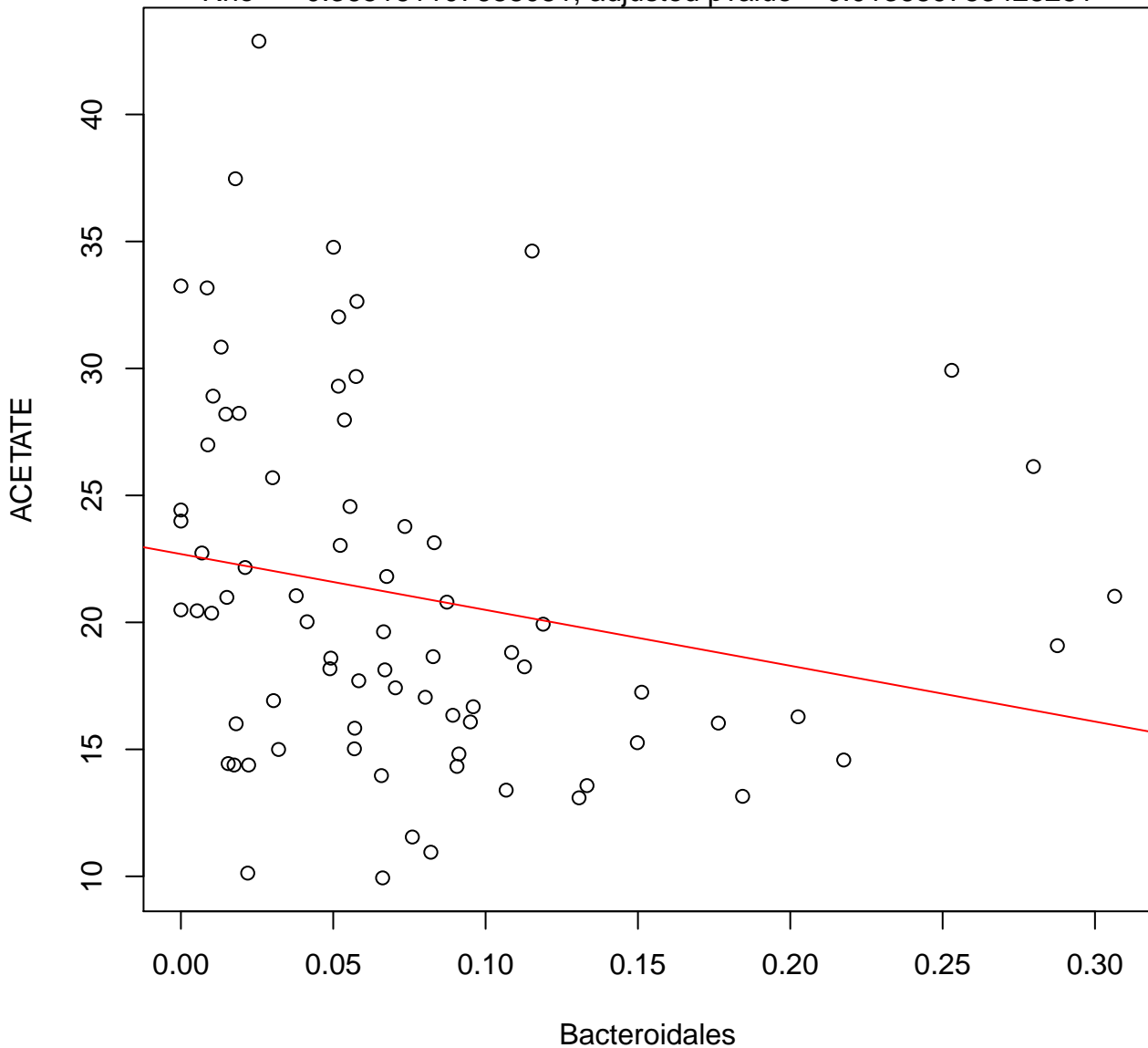
Timepoint 2 , ACETATE ~ Collinsella

Rho = -0.331058864205185 , adjusted pvalue = 0.0273354785494675



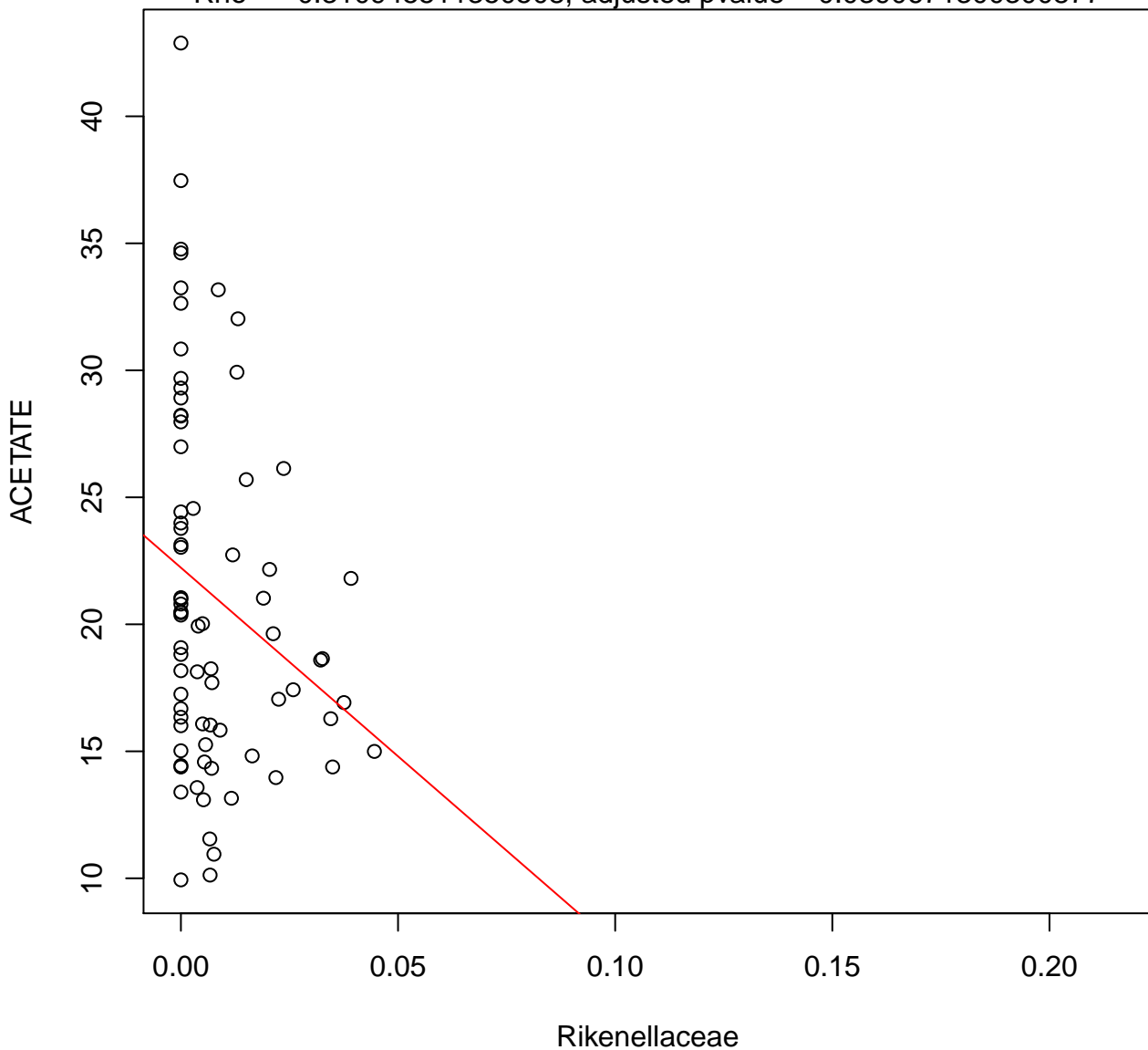
Timepoint 2 , ACETATE ~ Bacteroidales

Rho = -0.365161107688081, adjusted pvalue = 0.013689753428281



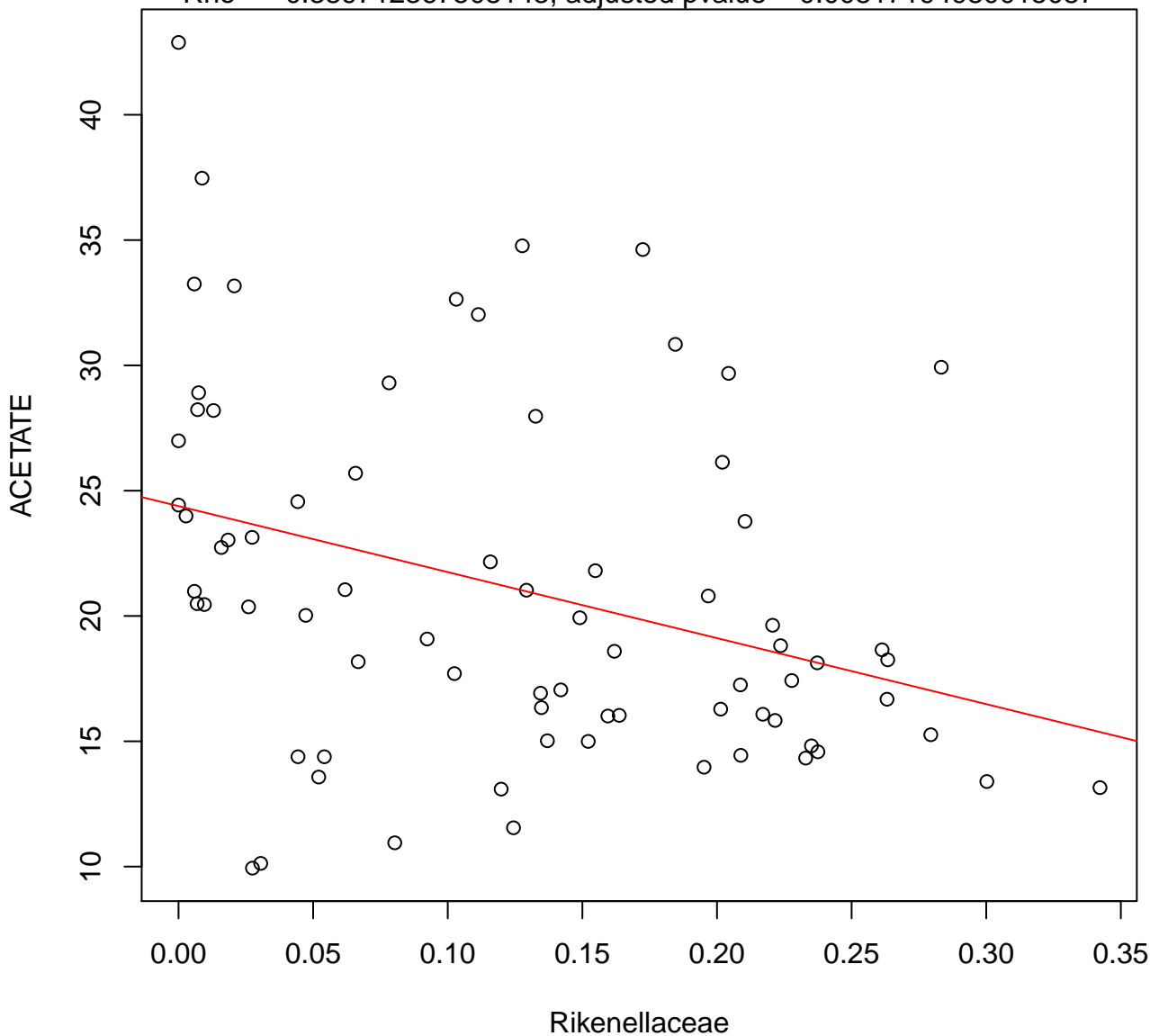
Timepoint 2 , ACETATE ~ Rikenellaceae

Rho = -0.310945511350508 , adjusted pvalue = 0.0390671300300877



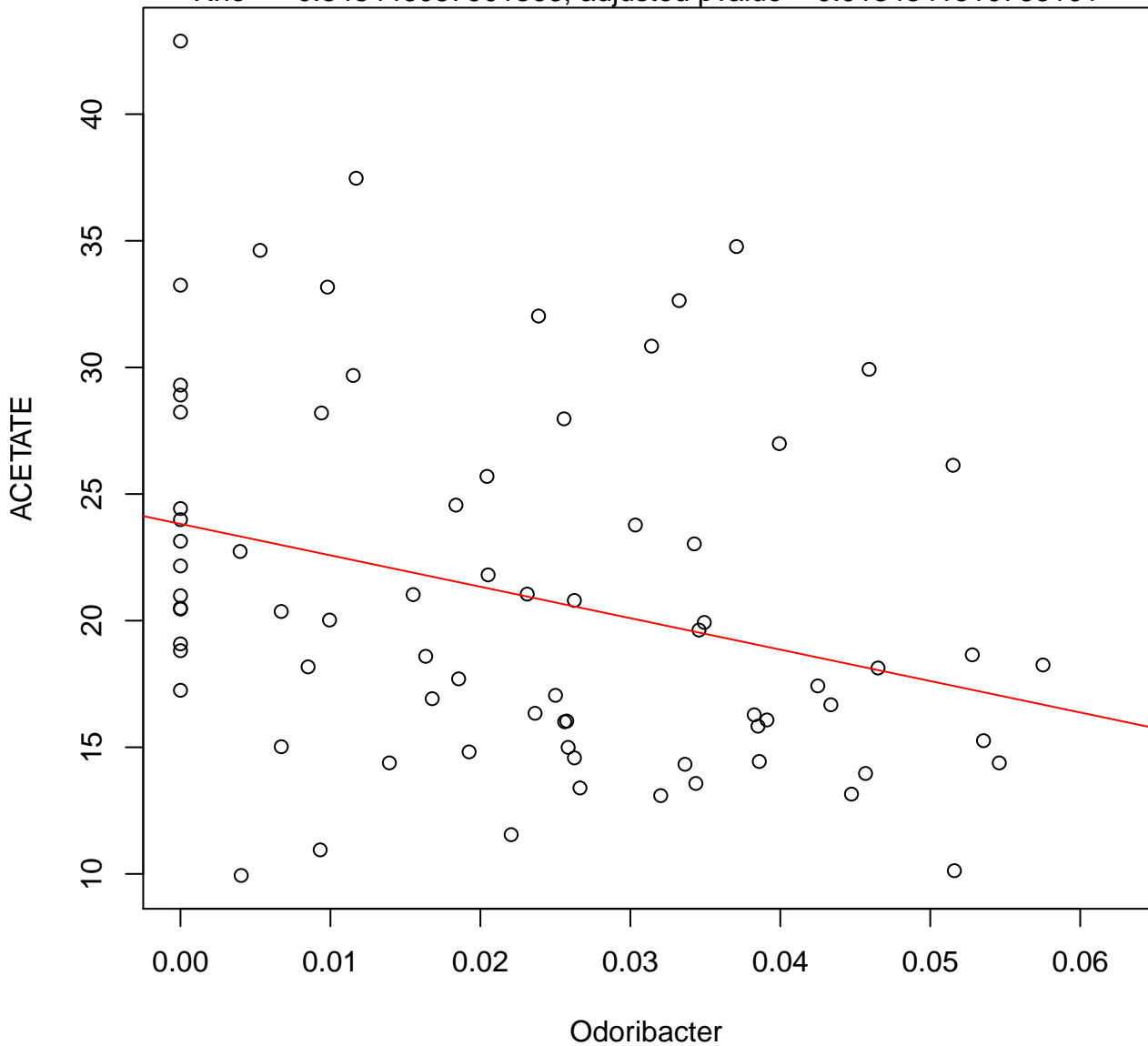
Timepoint 2 , ACETATE ~ Rikenellaceae

Rho = -0.389712367508143 , adjusted pvalue = 0.00817194980015087



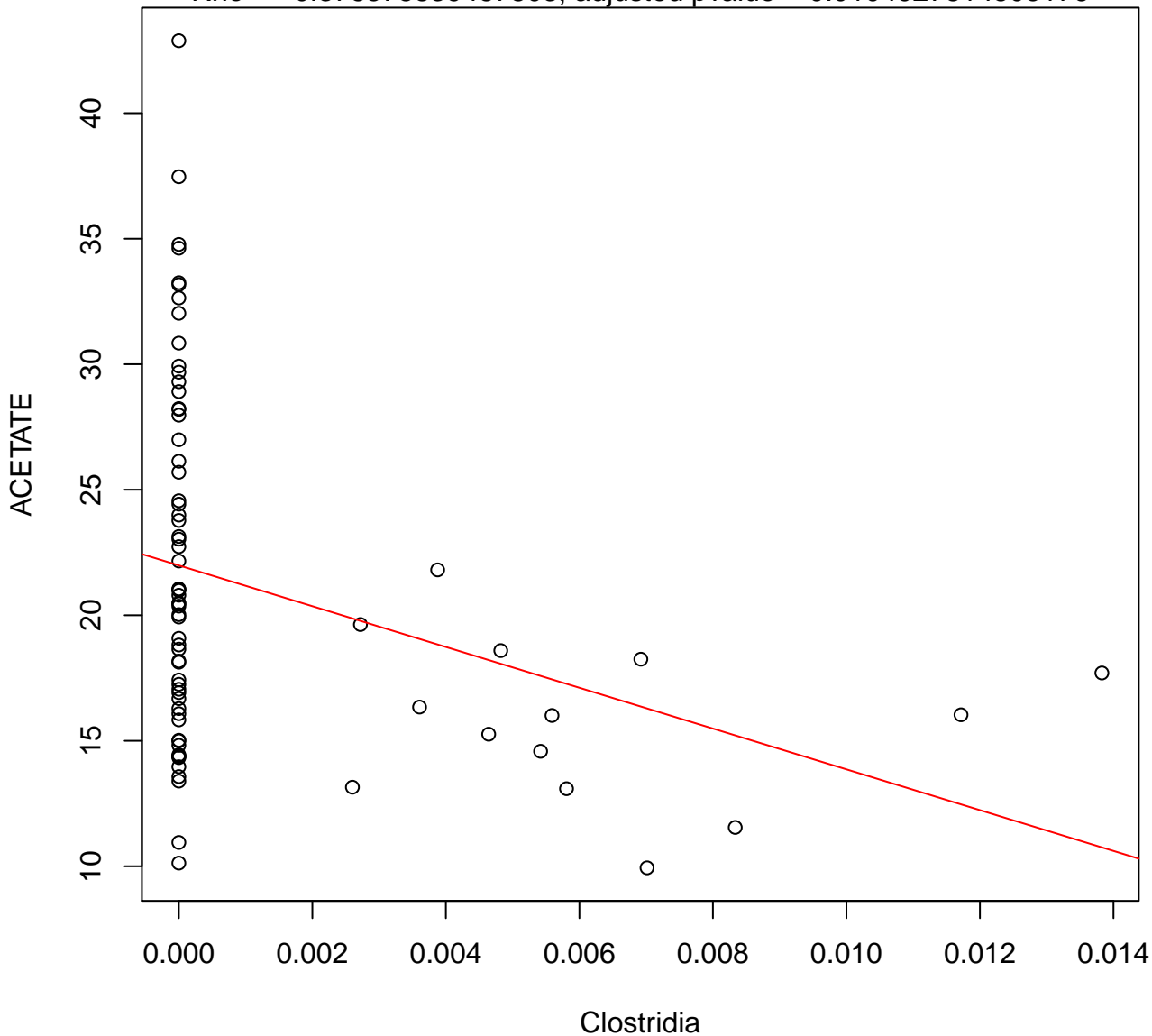
Timepoint 2 , ACETATE ~ Odoribacter

Rho = -0.348446087901366 , adjusted pvalue = 0.0184341510768101



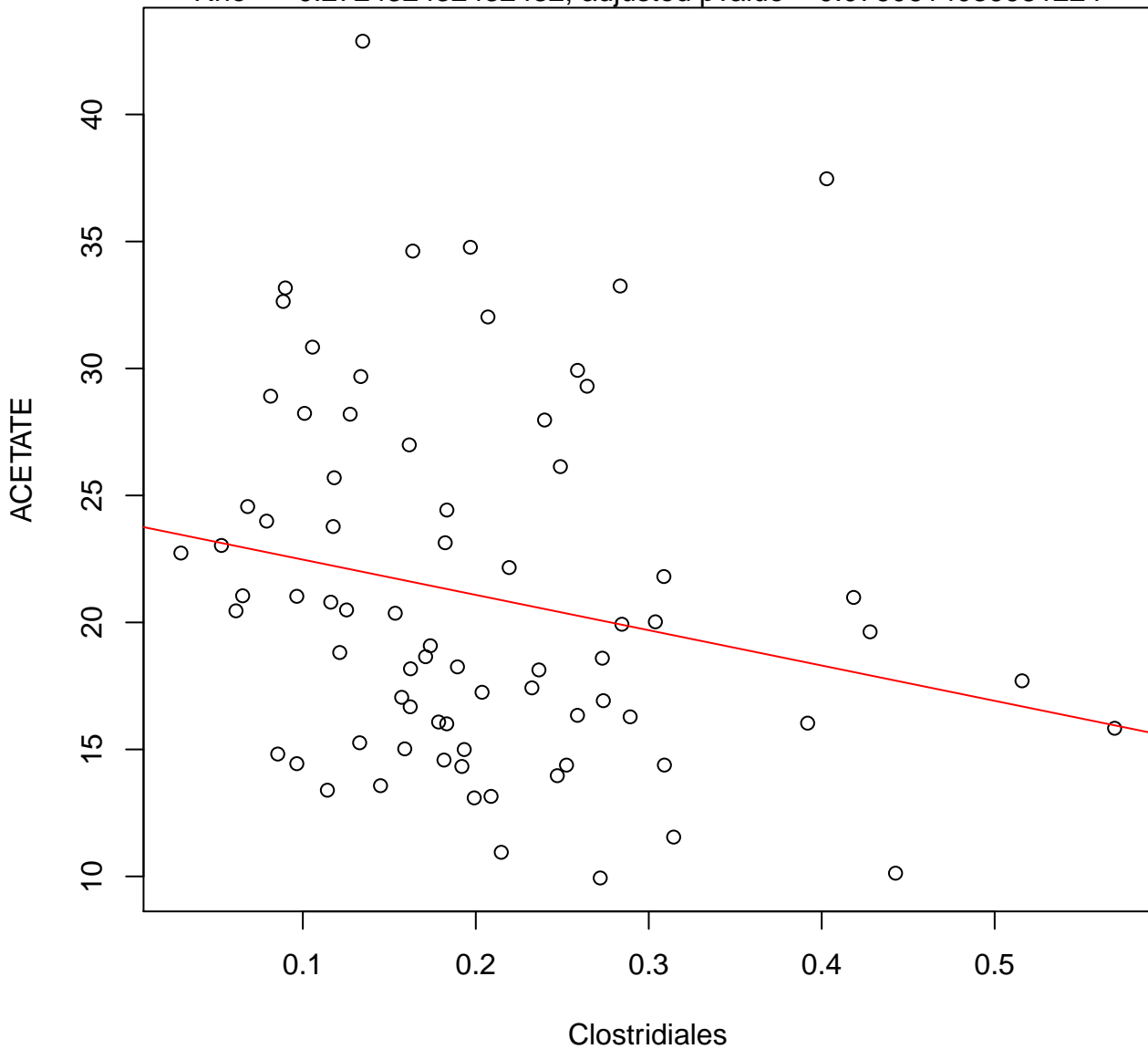
Timepoint 2 , ACETATE ~ Clostridia

Rho = -0.378575839487803 , adjusted pvalue = 0.0104927814505176



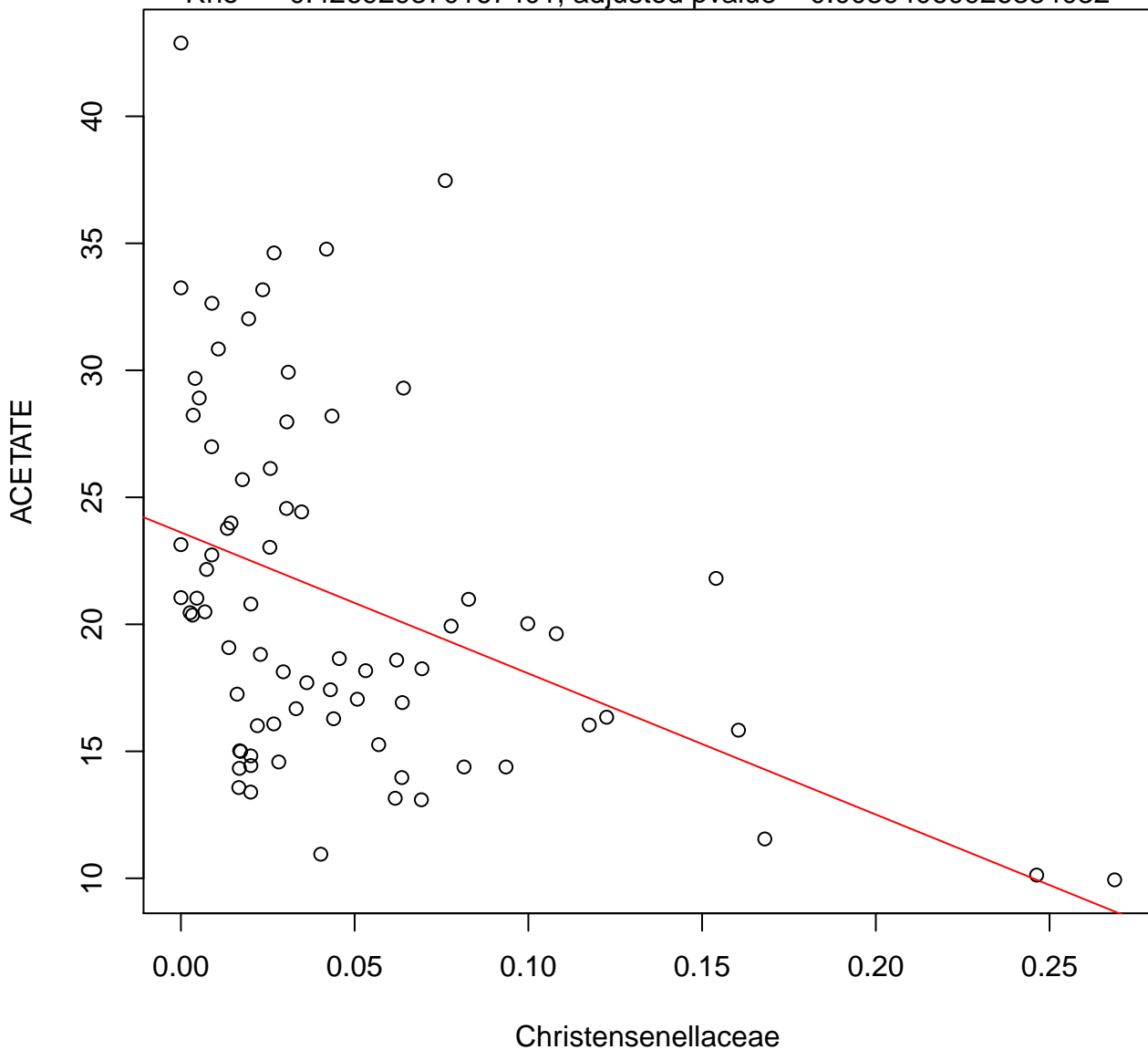
Timepoint 2 , ACETATE ~ Clostridiales

Rho = -0.272432432432432 , adjusted pvalue = 0.0760614039981224



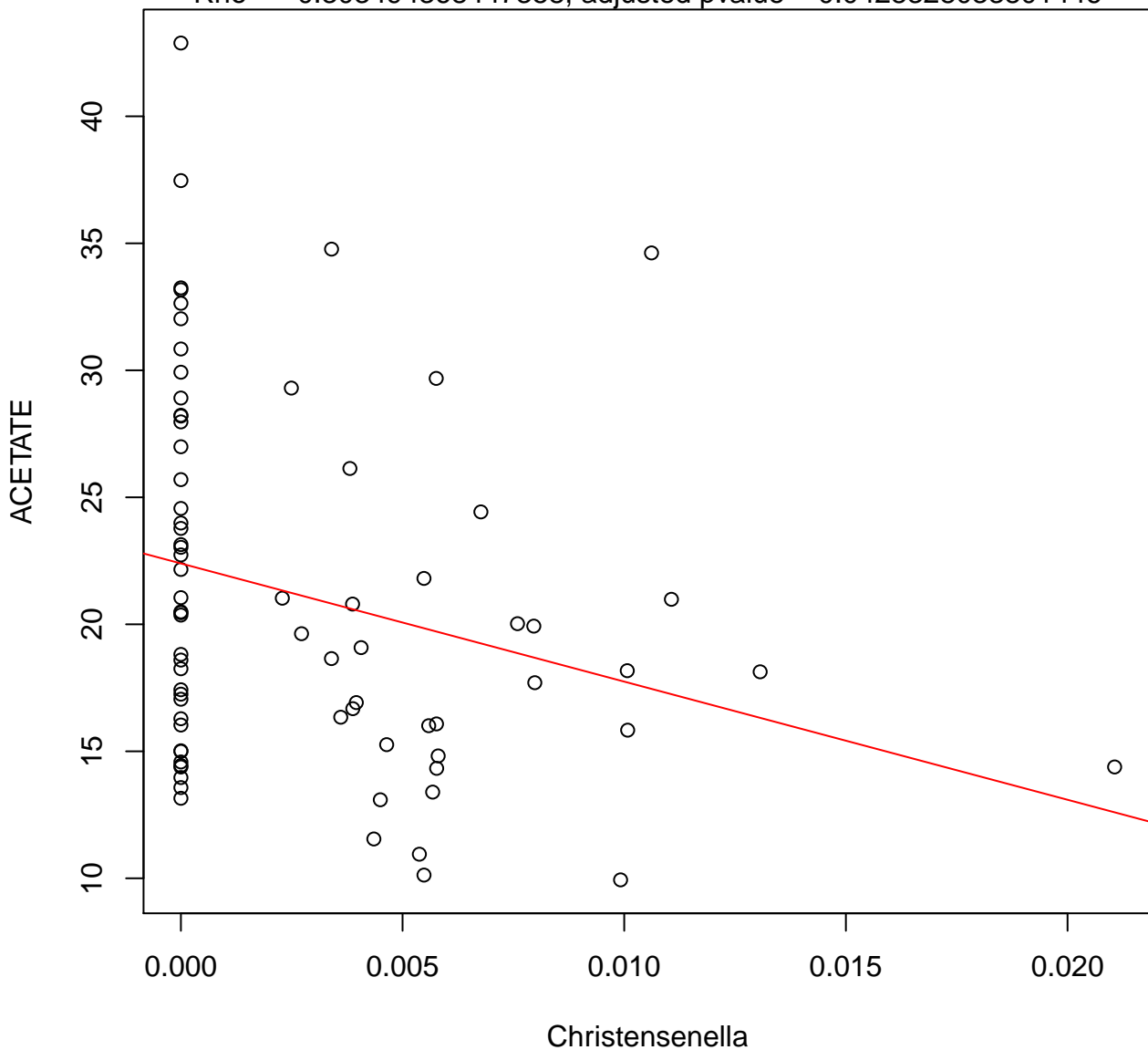
Timepoint 2 , ACETATE ~ Christensenellaceae

Rho = -0.426929370167401 , adjusted pvalue = 0.00394060926384032



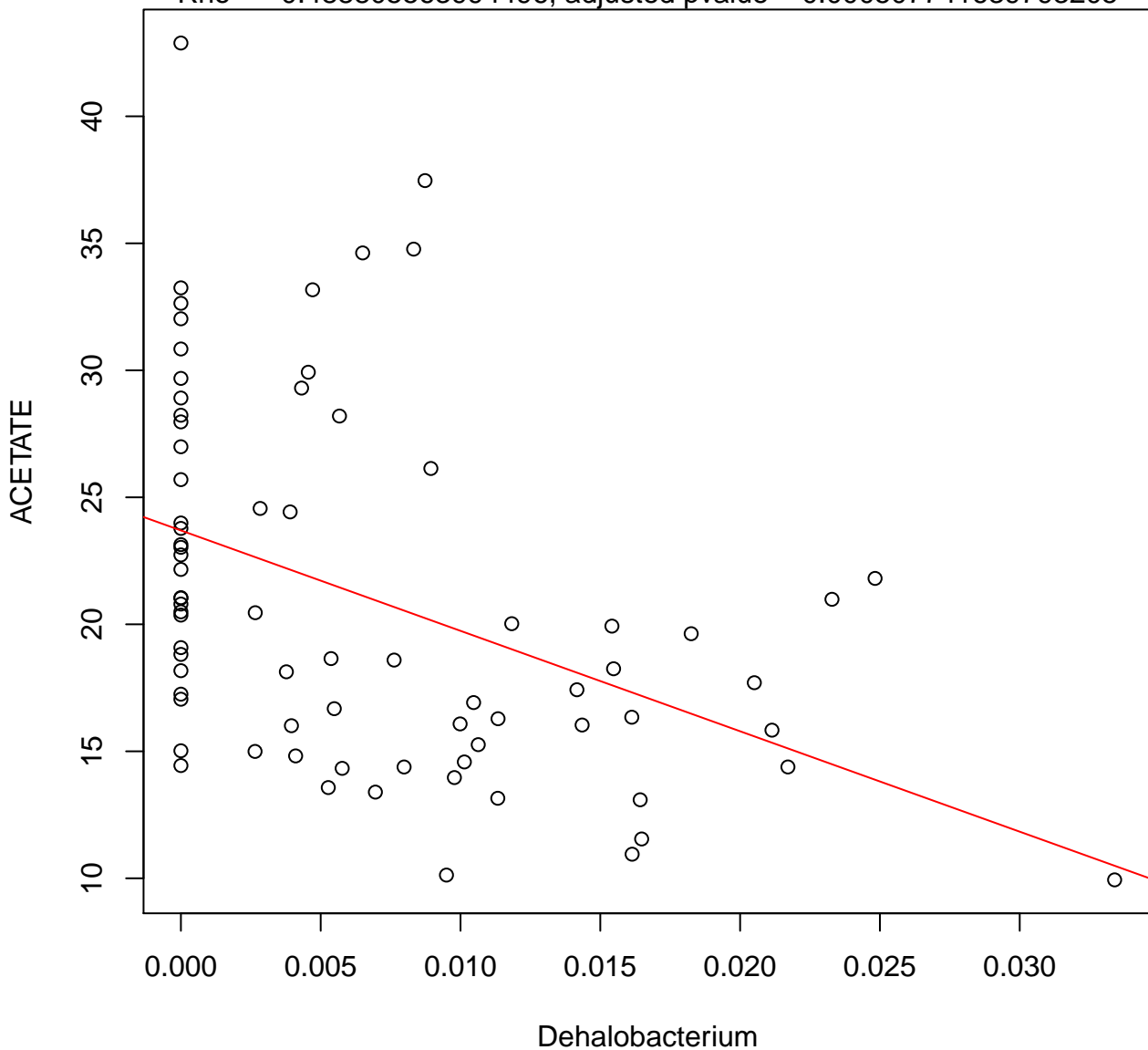
Timepoint 2 , ACETATE ~ Christensenella

Rho = -0.303494368447358 , adjusted pvalue = 0.0428328033801446



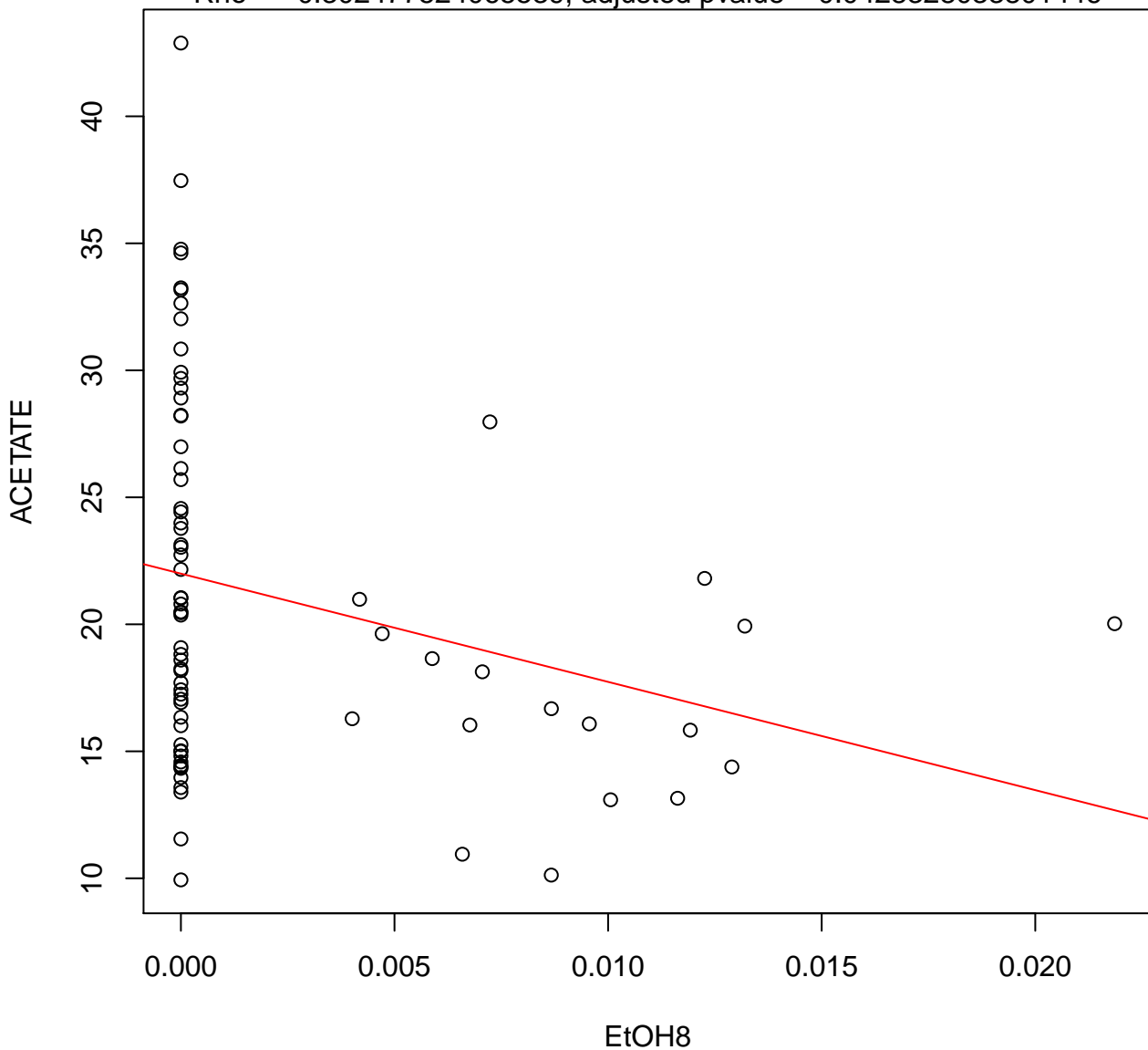
Timepoint 2 , ACETATE ~ Dehalobacterium

Rho = -0.488805563994496 , adjusted pvalue = 0.000507741639793205



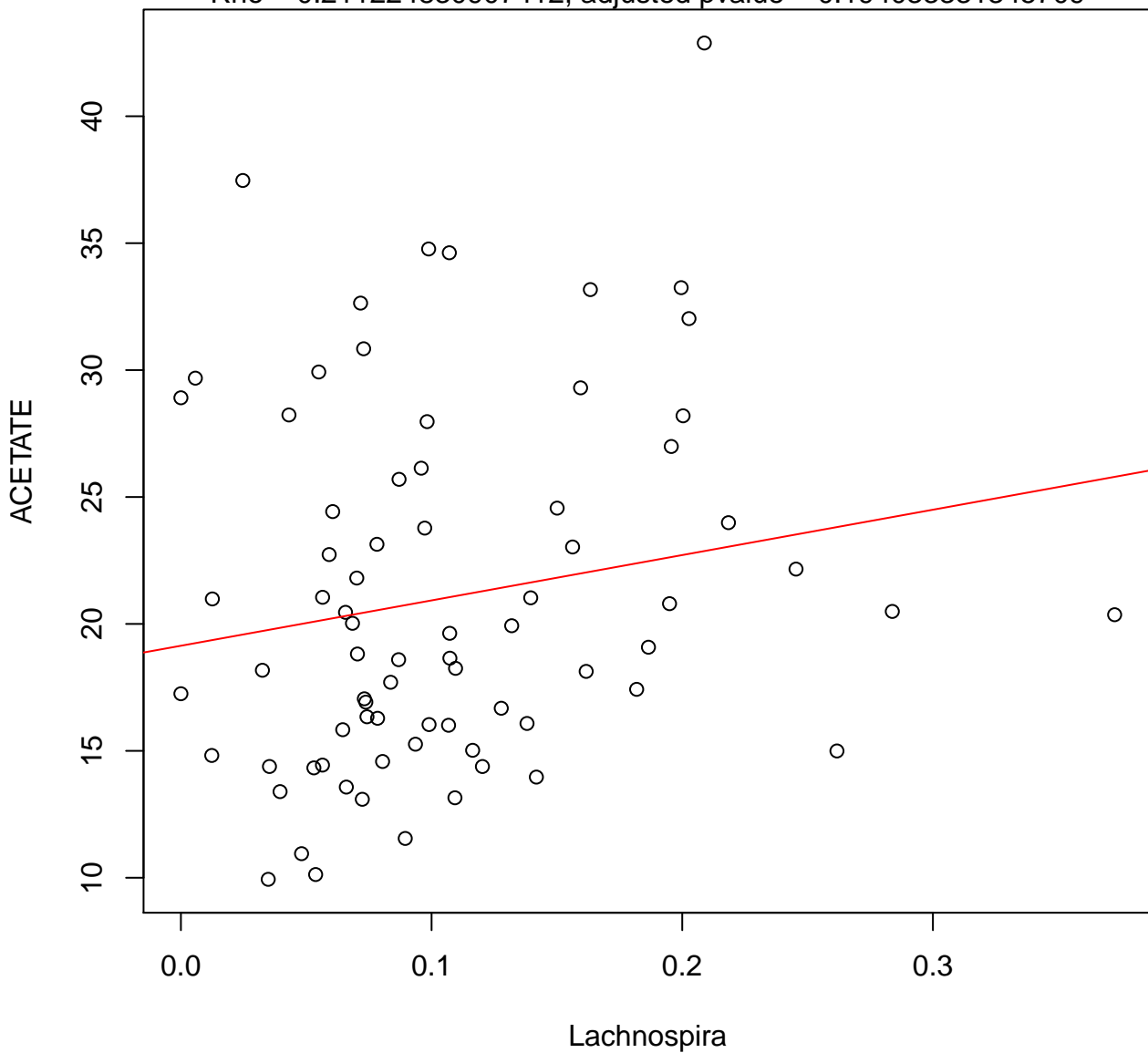
Timepoint 2 , ACETATE ~ EtOH8

Rho = -0.302477524065539 , adjusted pvalue = 0.0428328033801446



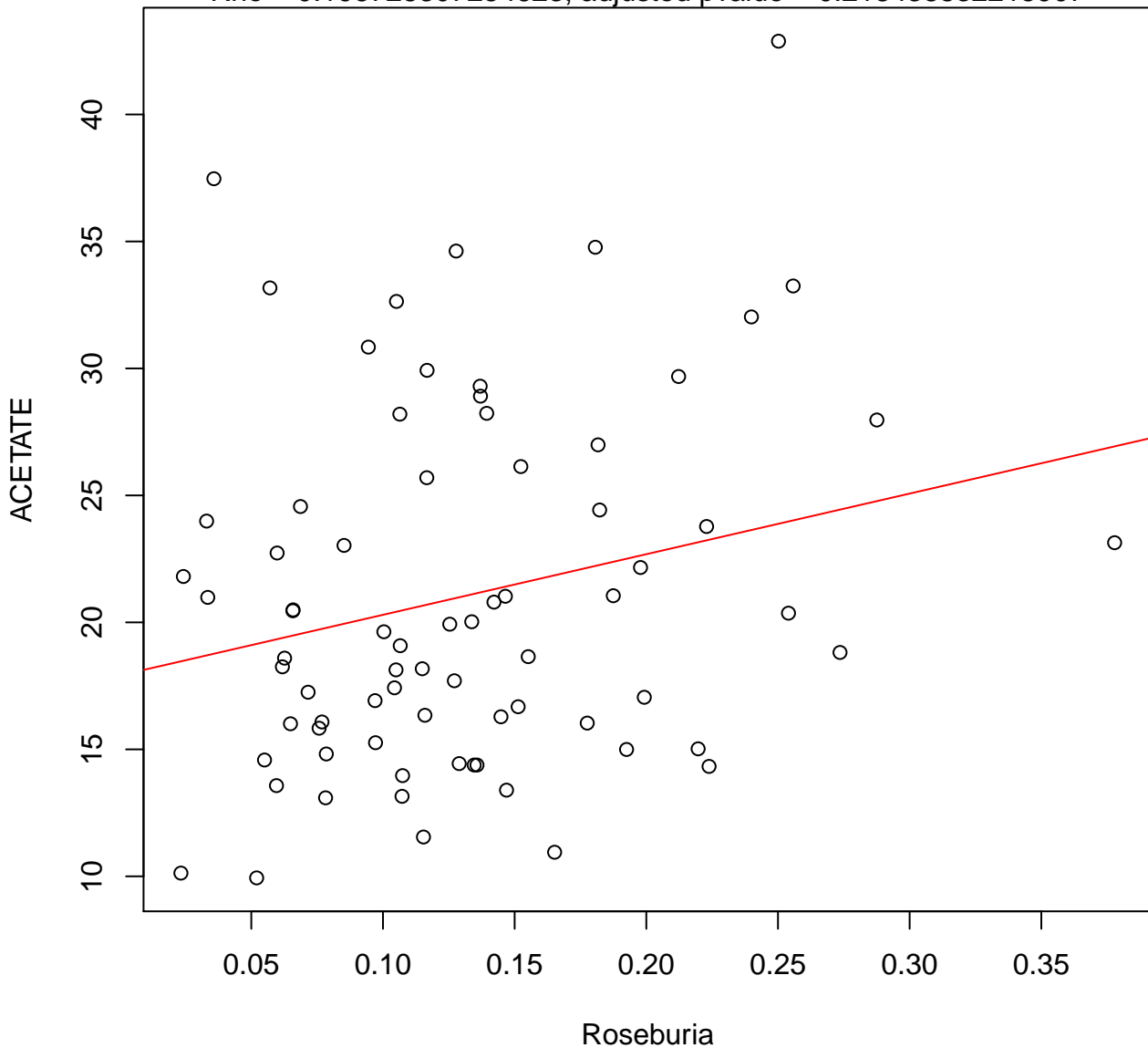
Timepoint 2 , ACETATE ~ Lachnospira

Rho = 0.211224830907412, adjusted pvalue = 0.194033331345709



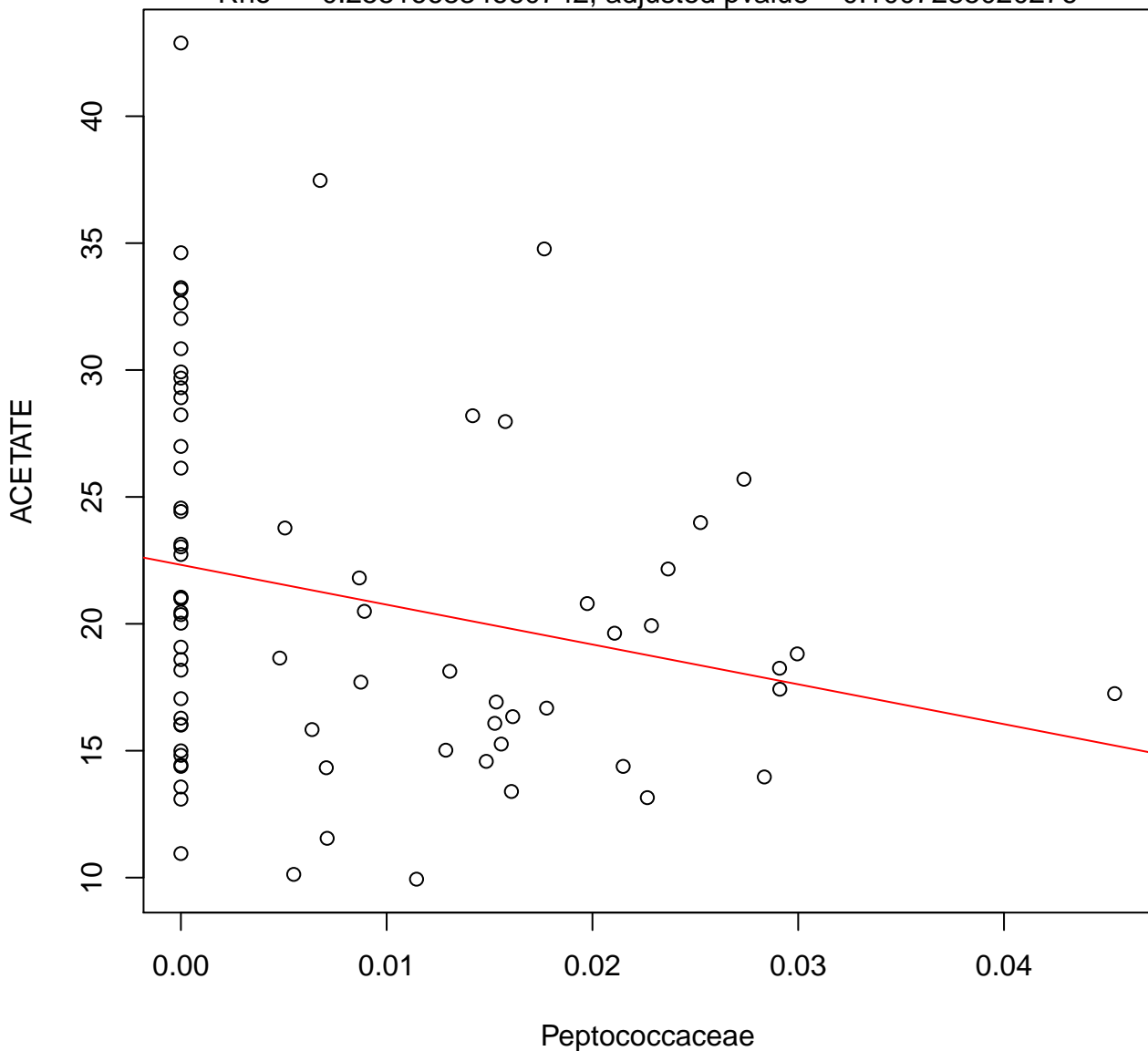
Timepoint 2 , ACETATE ~ Roseburia

Rho = 0.196728307254623, adjusted pvalue = 0.218438832215907



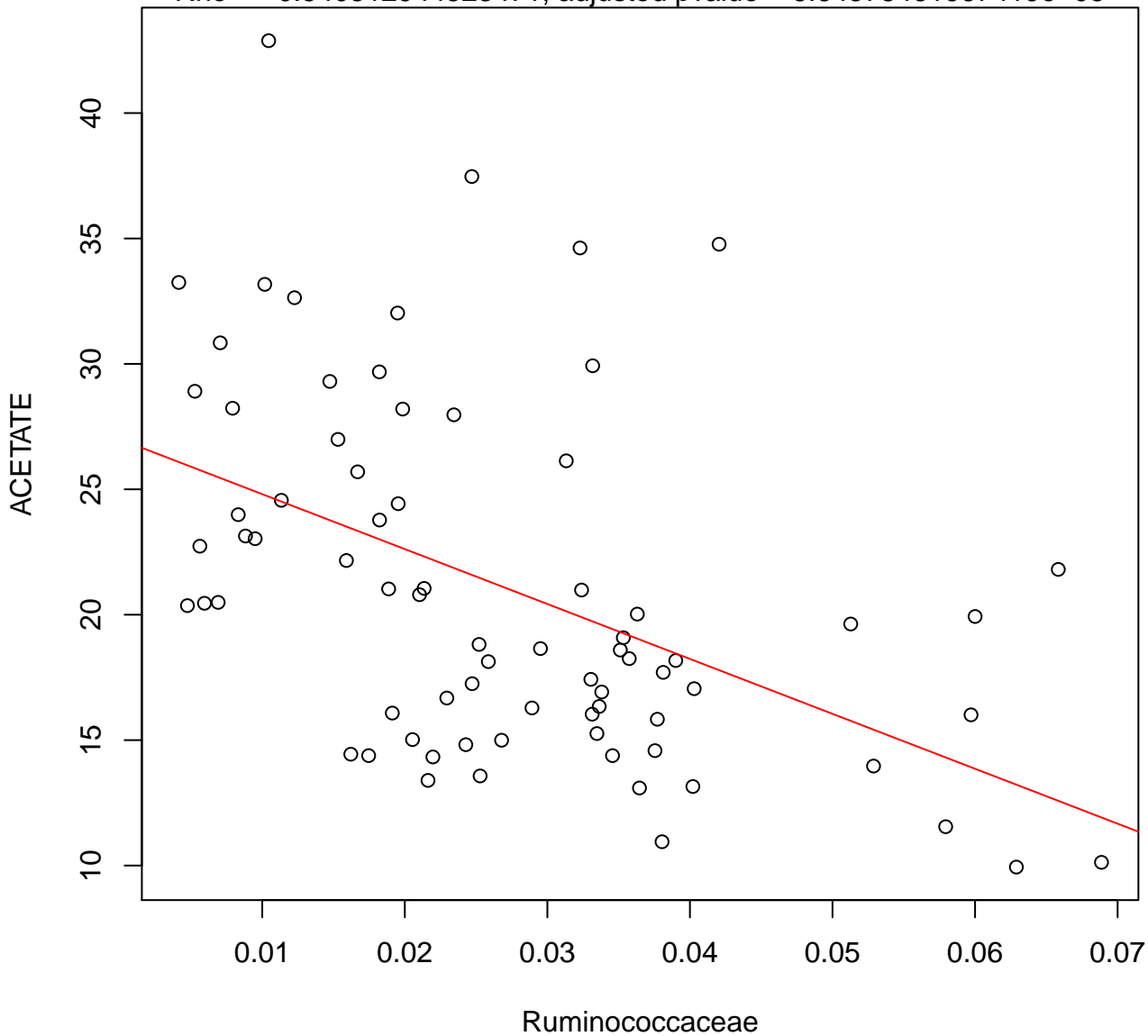
Timepoint 2 , ACETATE ~ Peptococcaceae

Rho = -0.255166834660742 , adjusted pvalue = 0.1007285020276



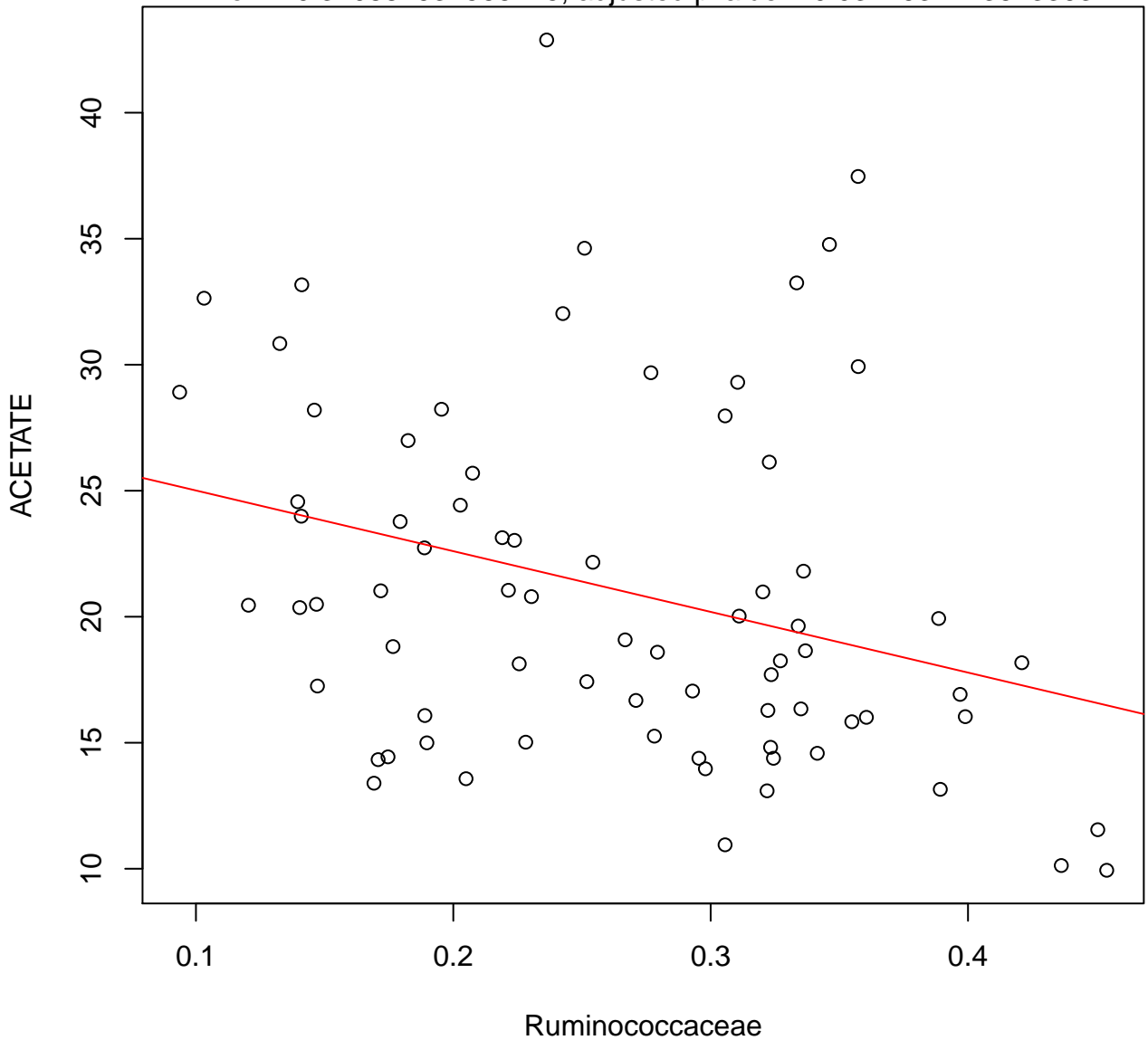
Timepoint 2 , ACETATE ~ Ruminococcaceae

Rho = -0.540312944523471 , adjusted pvalue = $6.64578461967419e-05$



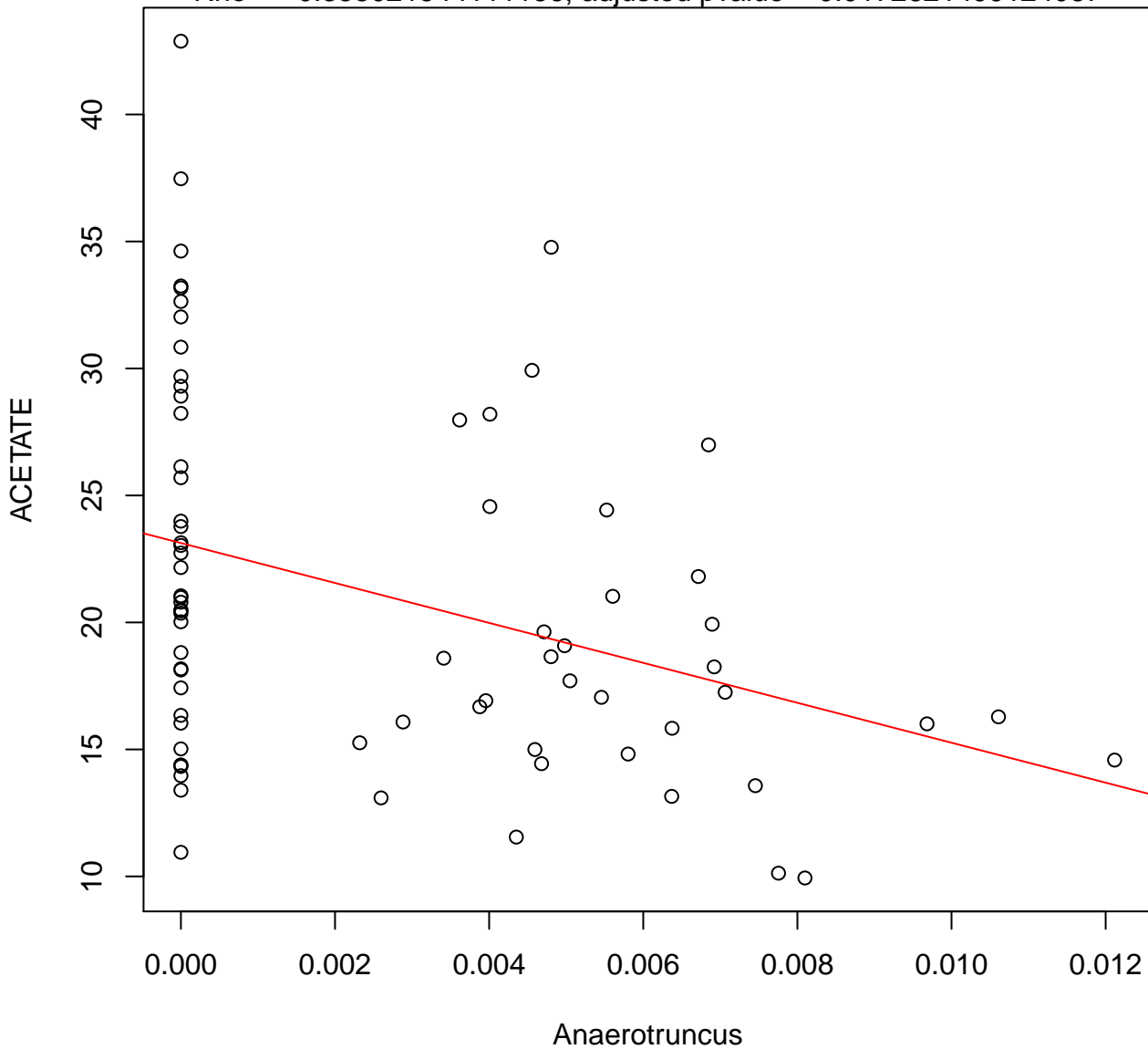
Timepoint 2 , ACETATE ~ Ruminococcaceae

Rho = -0.320881934566145 , adjusted pvalue = 0.0327934243673393



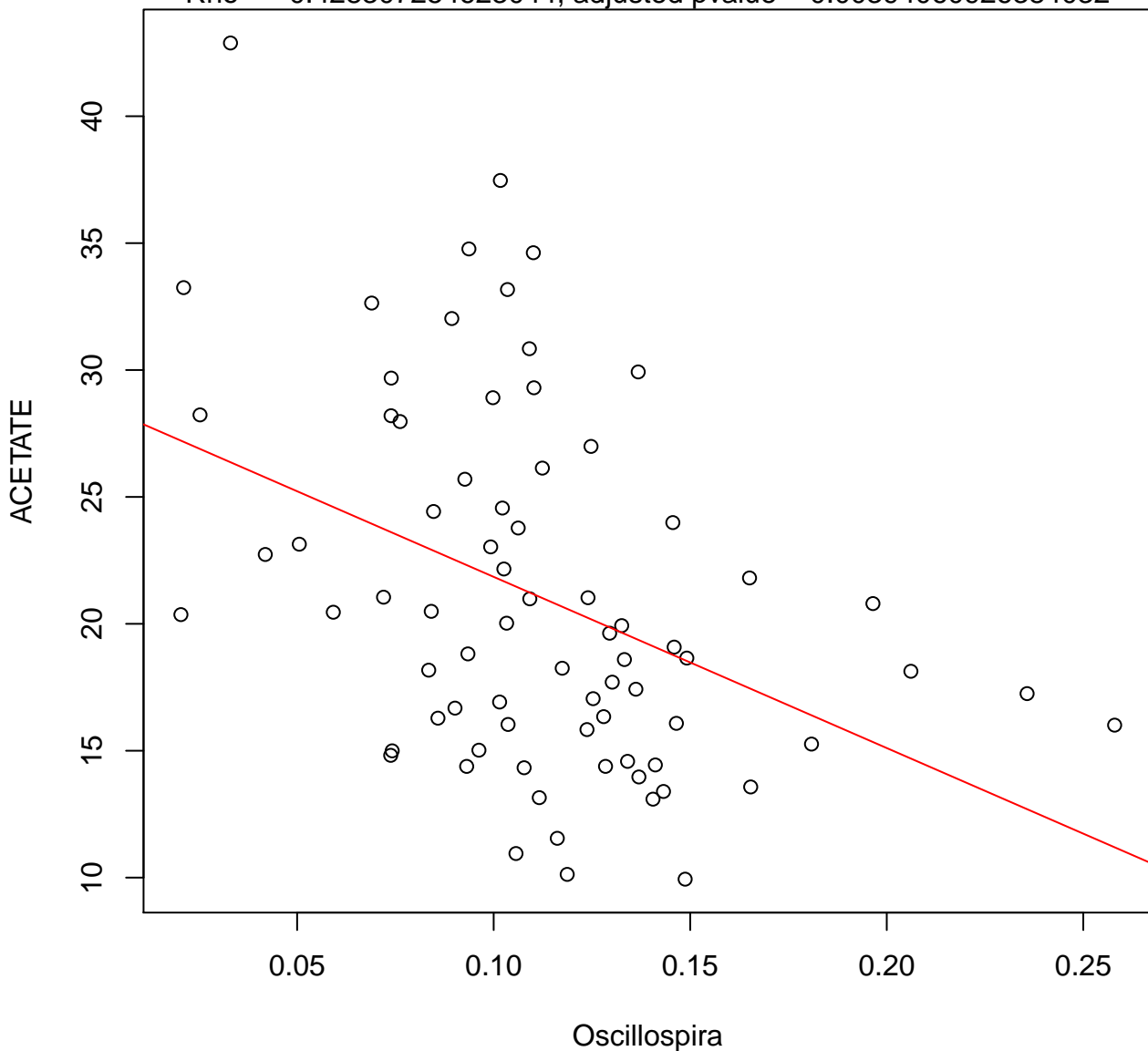
Timepoint 2 , ACETATE ~ Anaerotruncus

Rho = -0.355021544111156 , adjusted pvalue = 0.0172621499124087



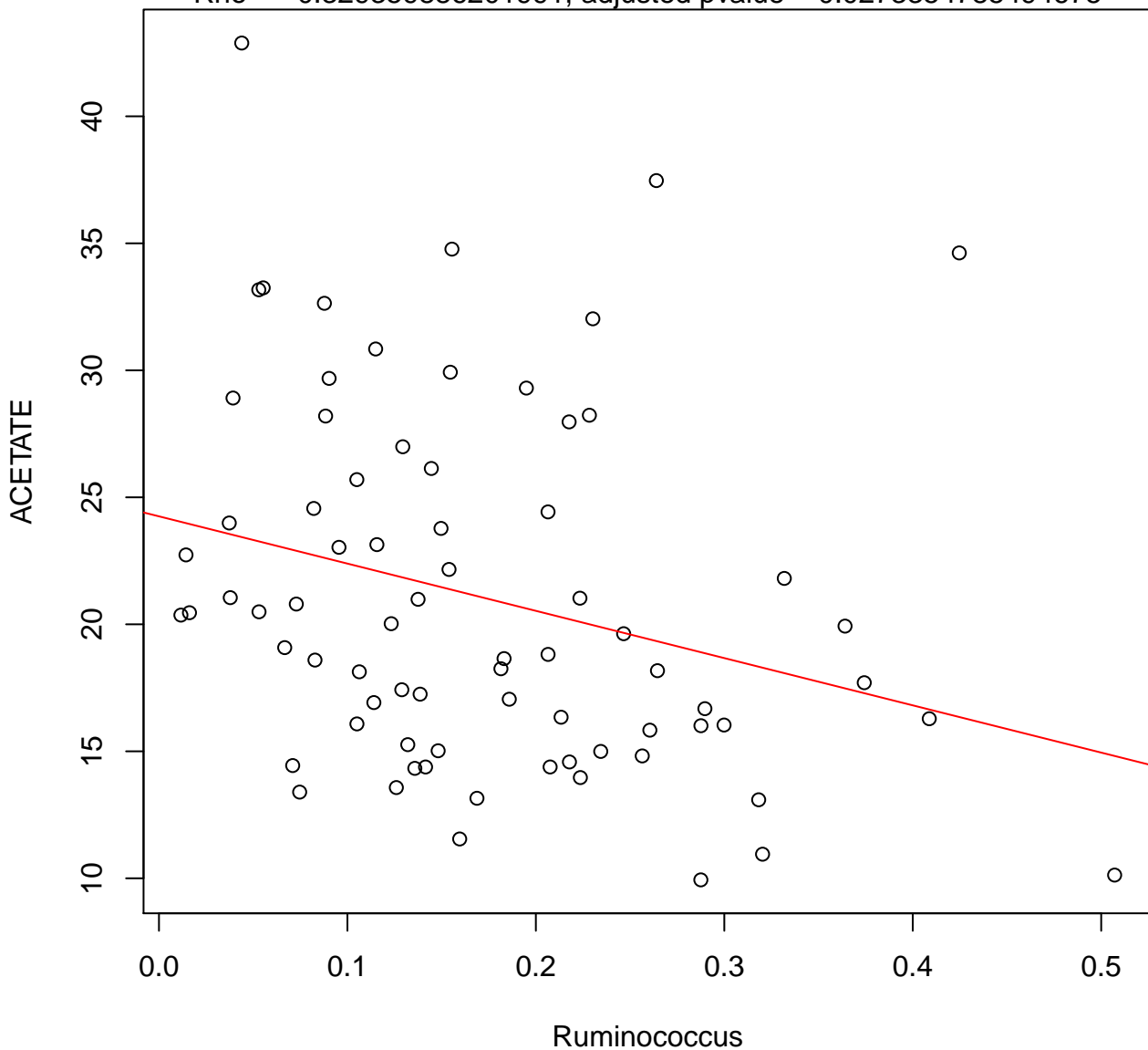
Timepoint 2 , ACETATE ~ Oscillospira

Rho = -0.428307254623044 , adjusted pvalue = 0.00394060926384032



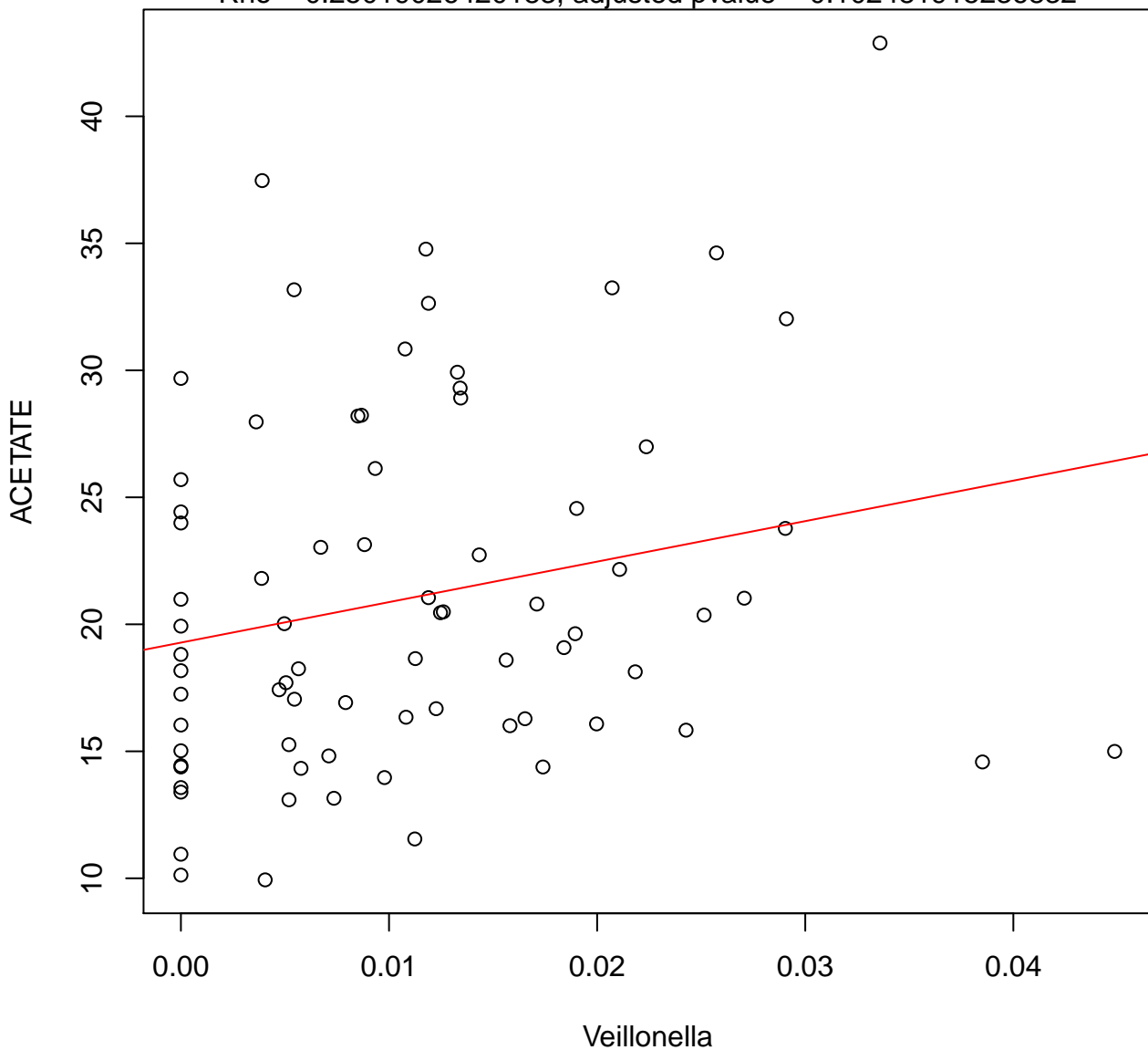
Timepoint 2 , ACETATE ~ Ruminococcus

Rho = -0.329359886201991 , adjusted pvalue = 0.0273354785494675



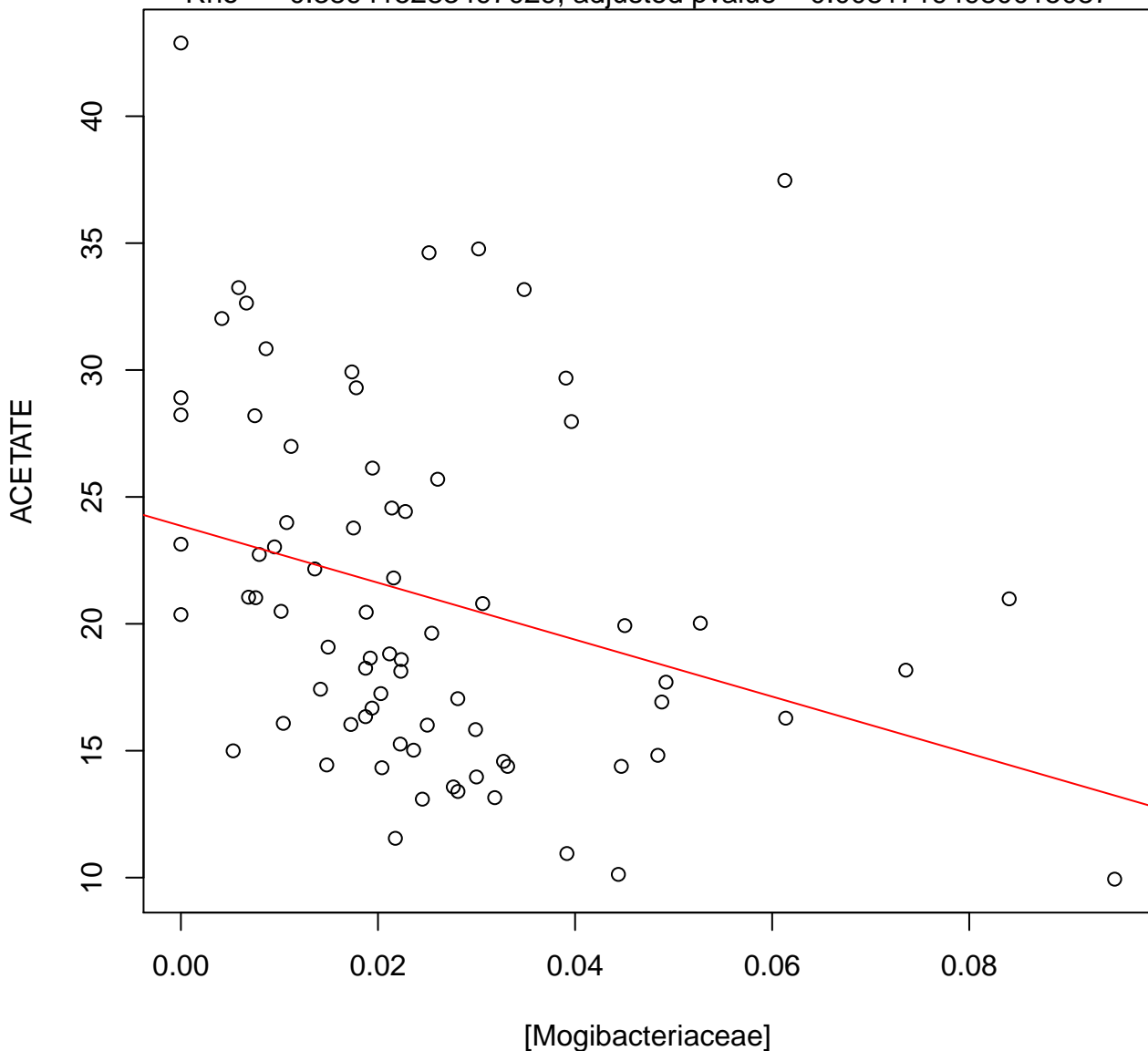
Timepoint 2 , ACETATE ~ Veillonella

Rho = 0.25019026420183, adjusted pvalue = 0.102481915236832



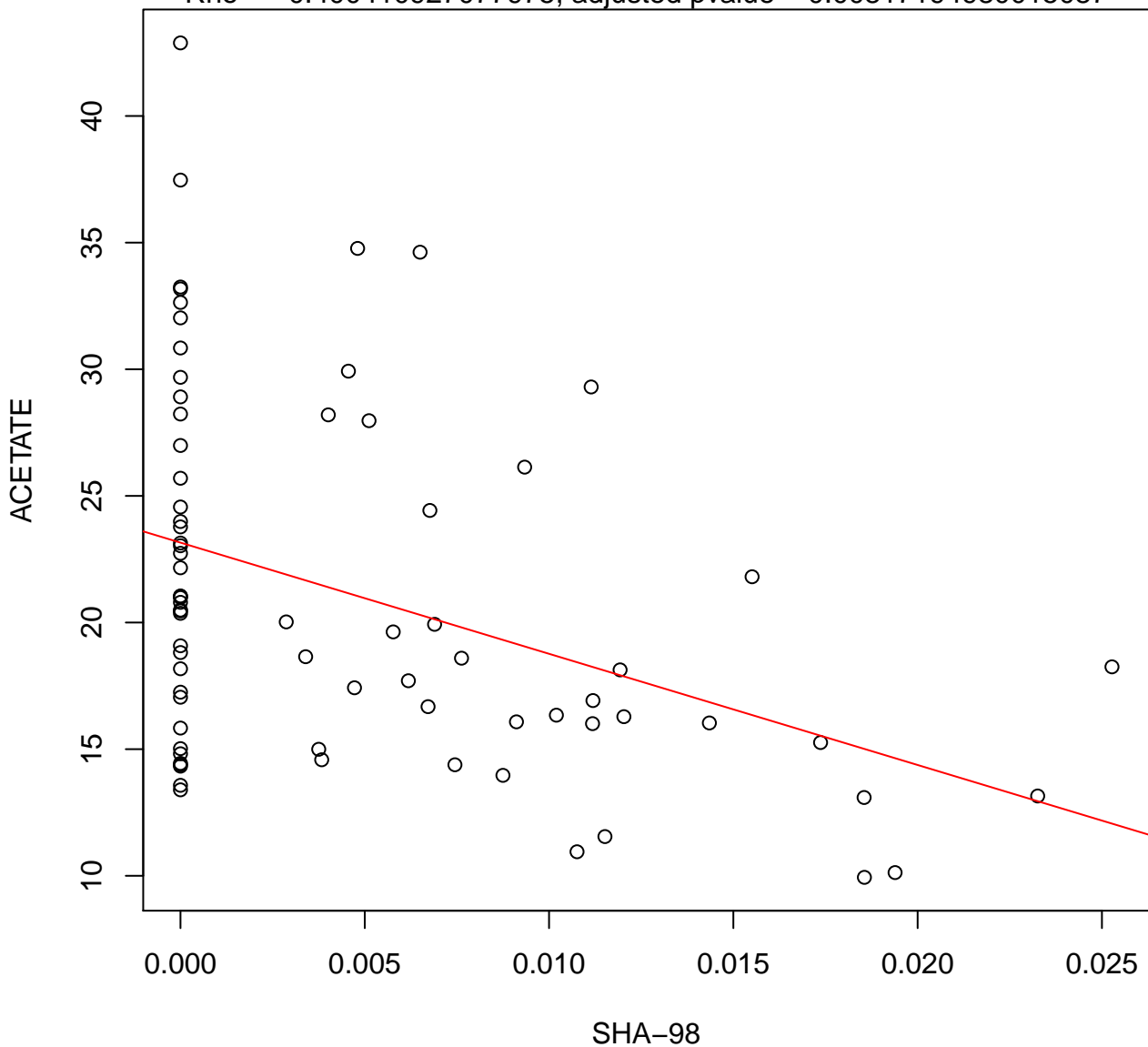
Timepoint 2 , ACETATE ~ [Mogibacteriaceae]

Rho = -0.389415283497029 , adjusted pvalue = 0.00817194980015087



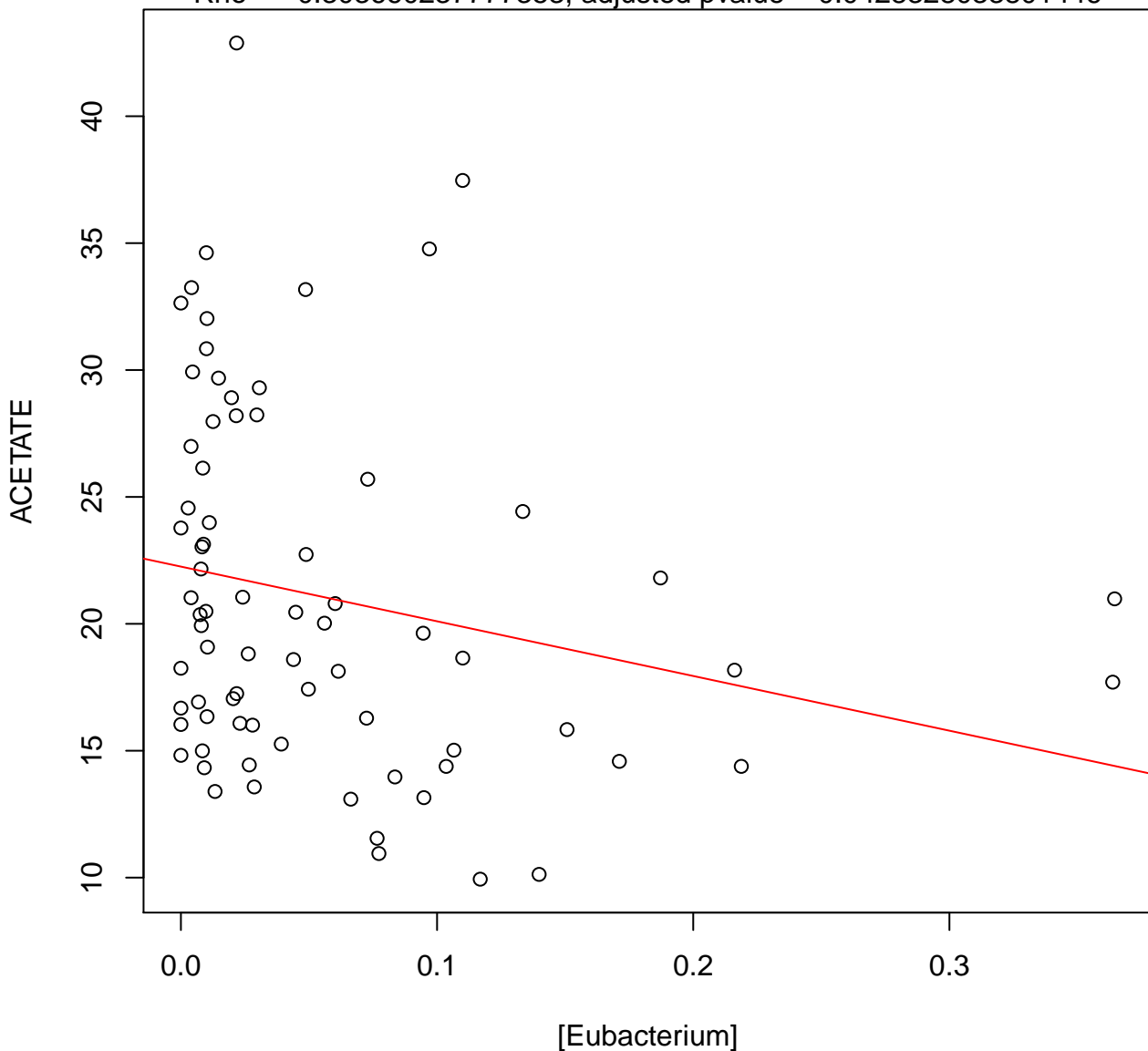
Timepoint 2 , ACETATE ~ SHA-98

Rho = -0.400410927077975 , adjusted pvalue = 0.00817194980015087



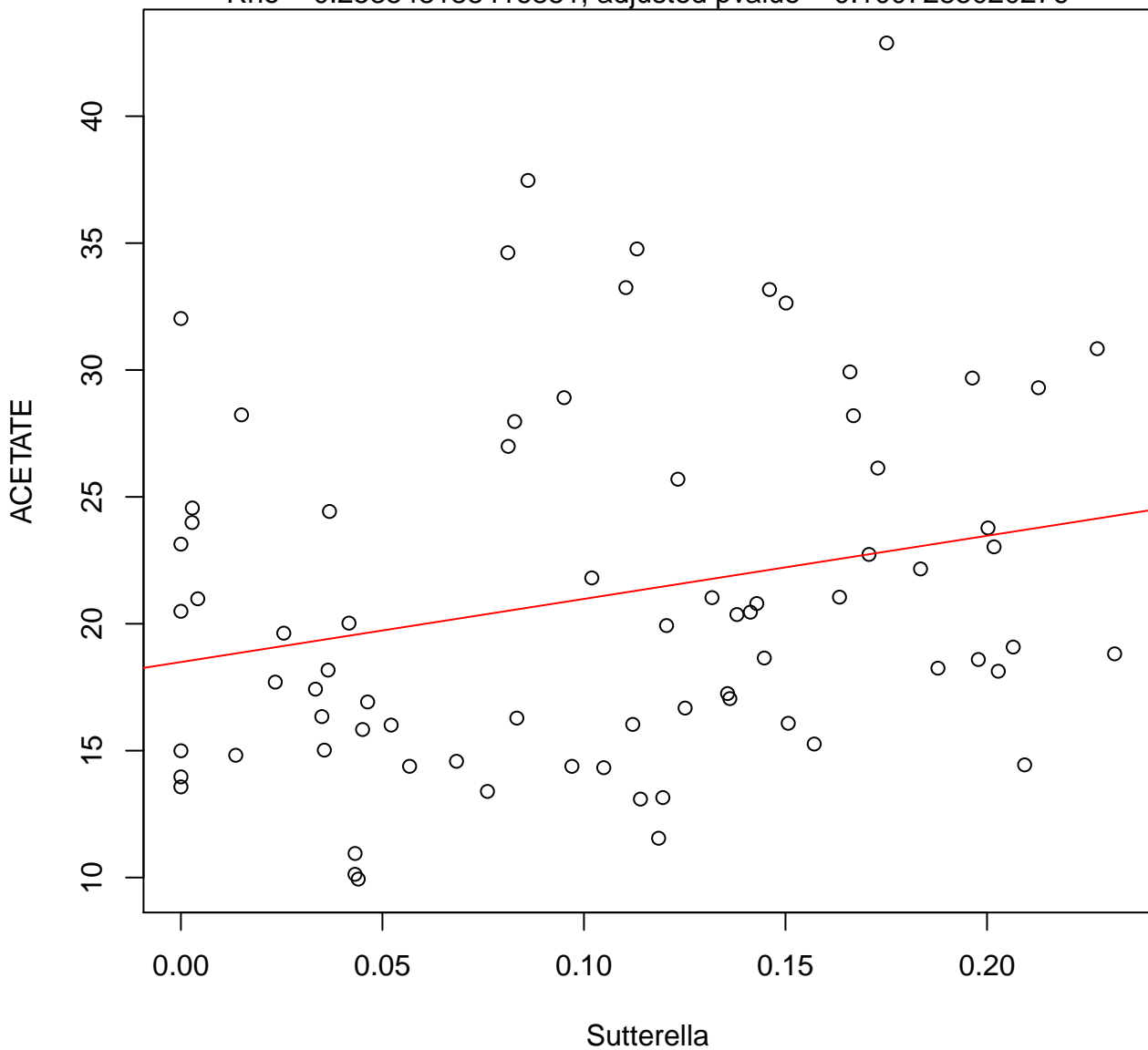
Timepoint 2 , ACETATE ~ [Eubacterium]

Rho = -0.303660237777353 , adjusted pvalue = 0.0428328033801446



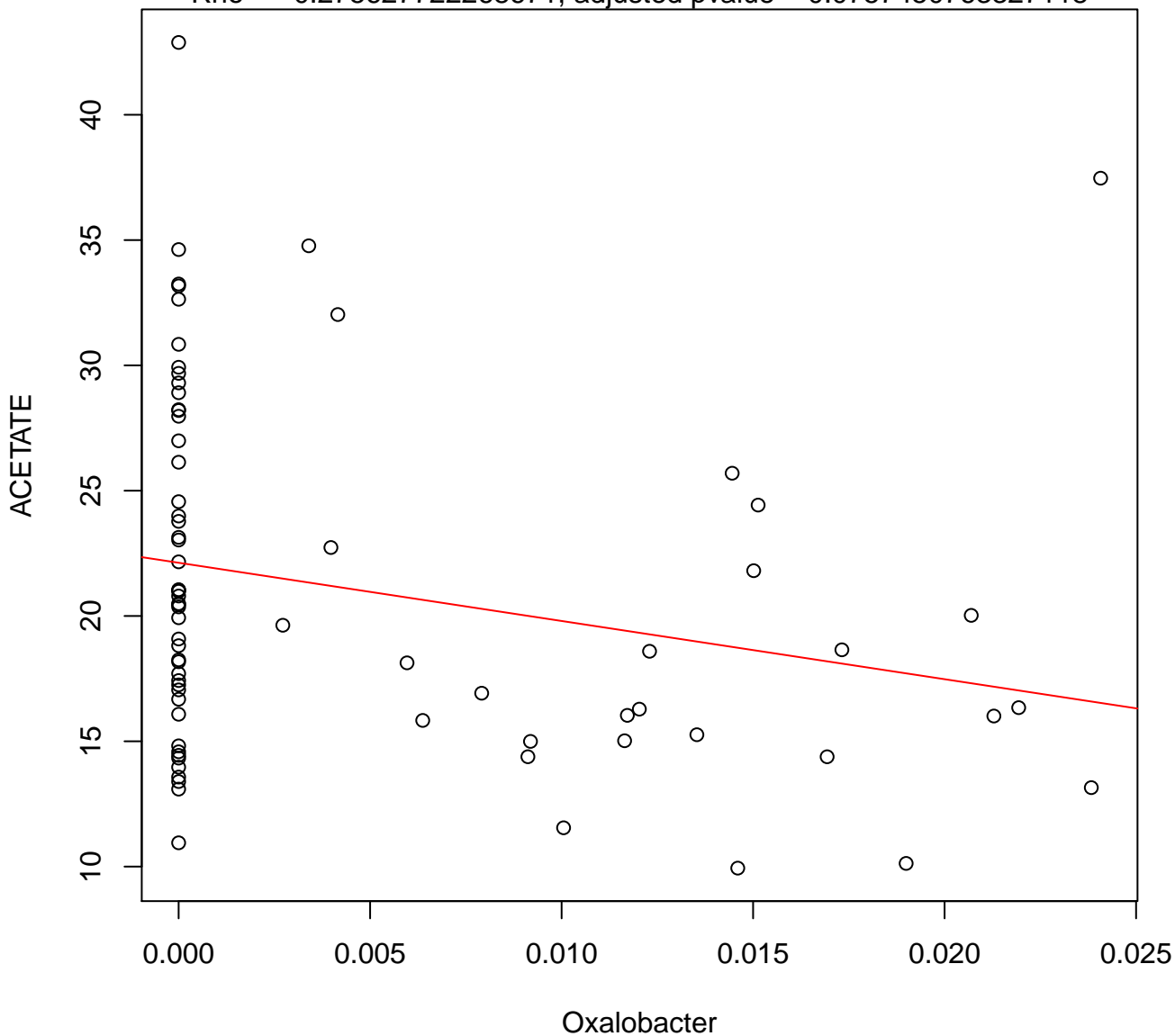
Timepoint 2 , ACETATE ~ Sutterella

Rho = 0.253548188416851, adjusted pvalue = 0.1007285020276



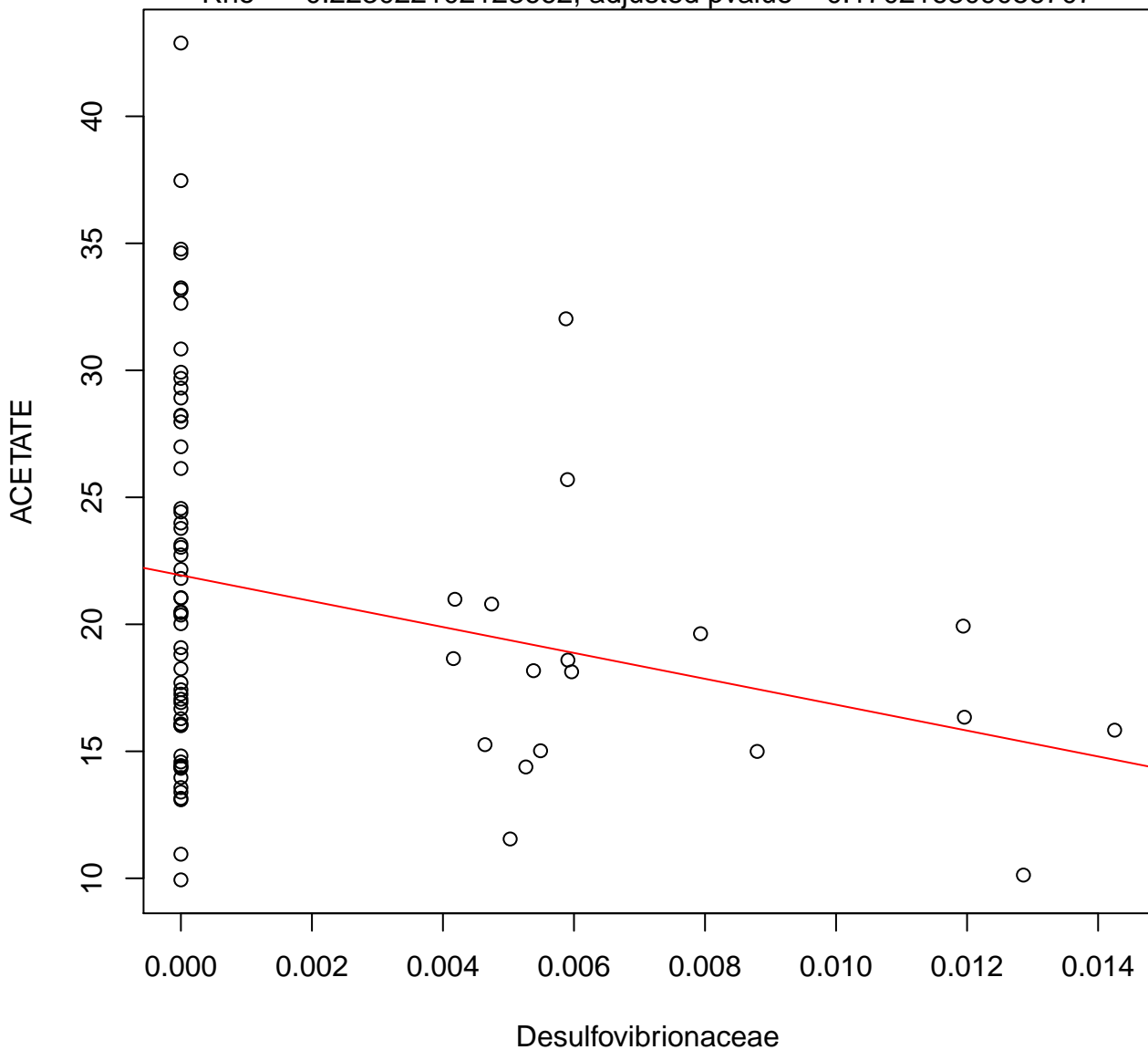
Timepoint 2 , ACETATE ~ Oxalobacter

Rho = -0.275627722268671 , adjusted pvalue = 0.0757450763327118



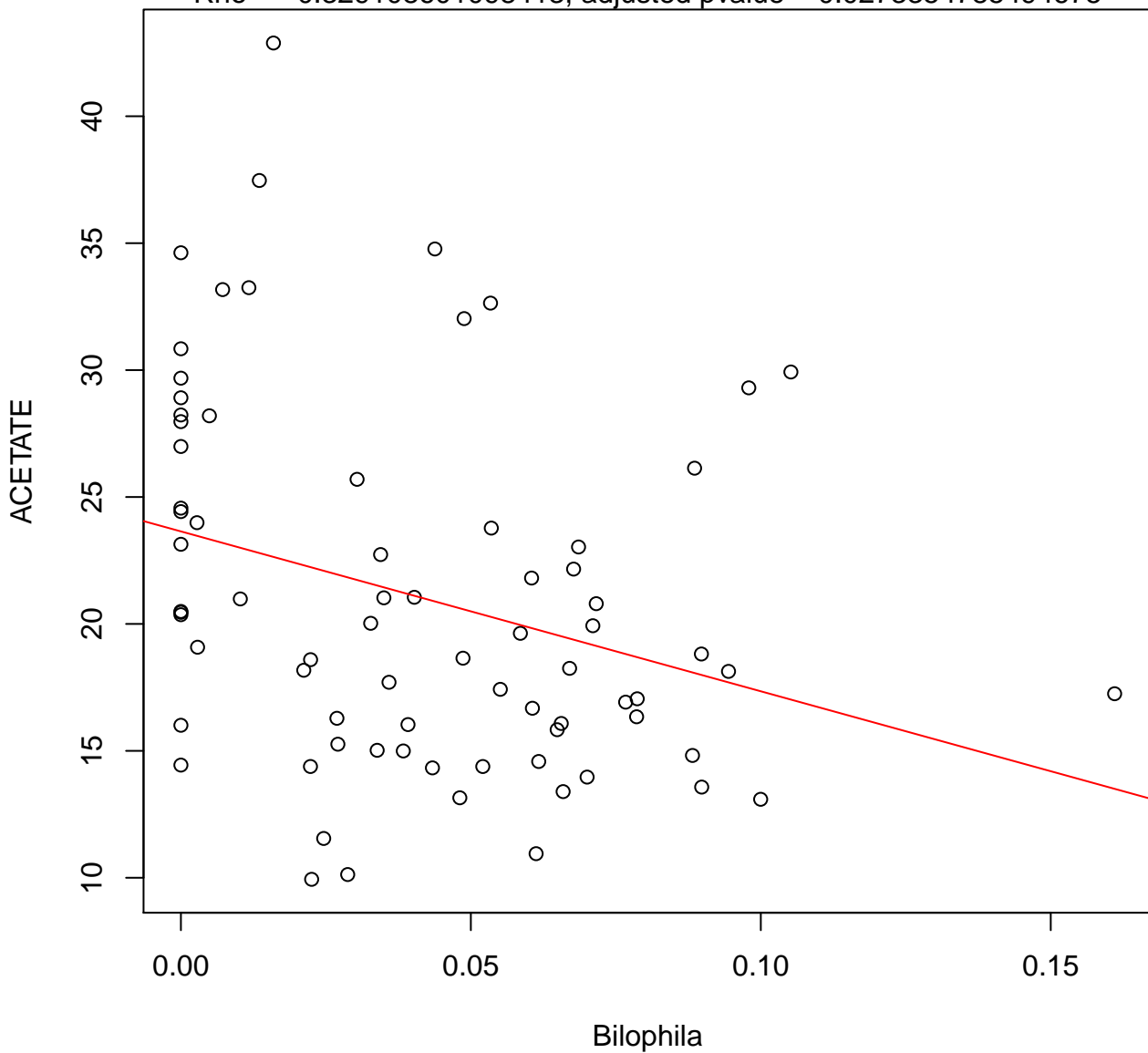
Timepoint 2 , ACETATE ~ Desulfovibrionaceae

Rho = -0.223022102123662, adjusted pvalue = 0.170216309056707



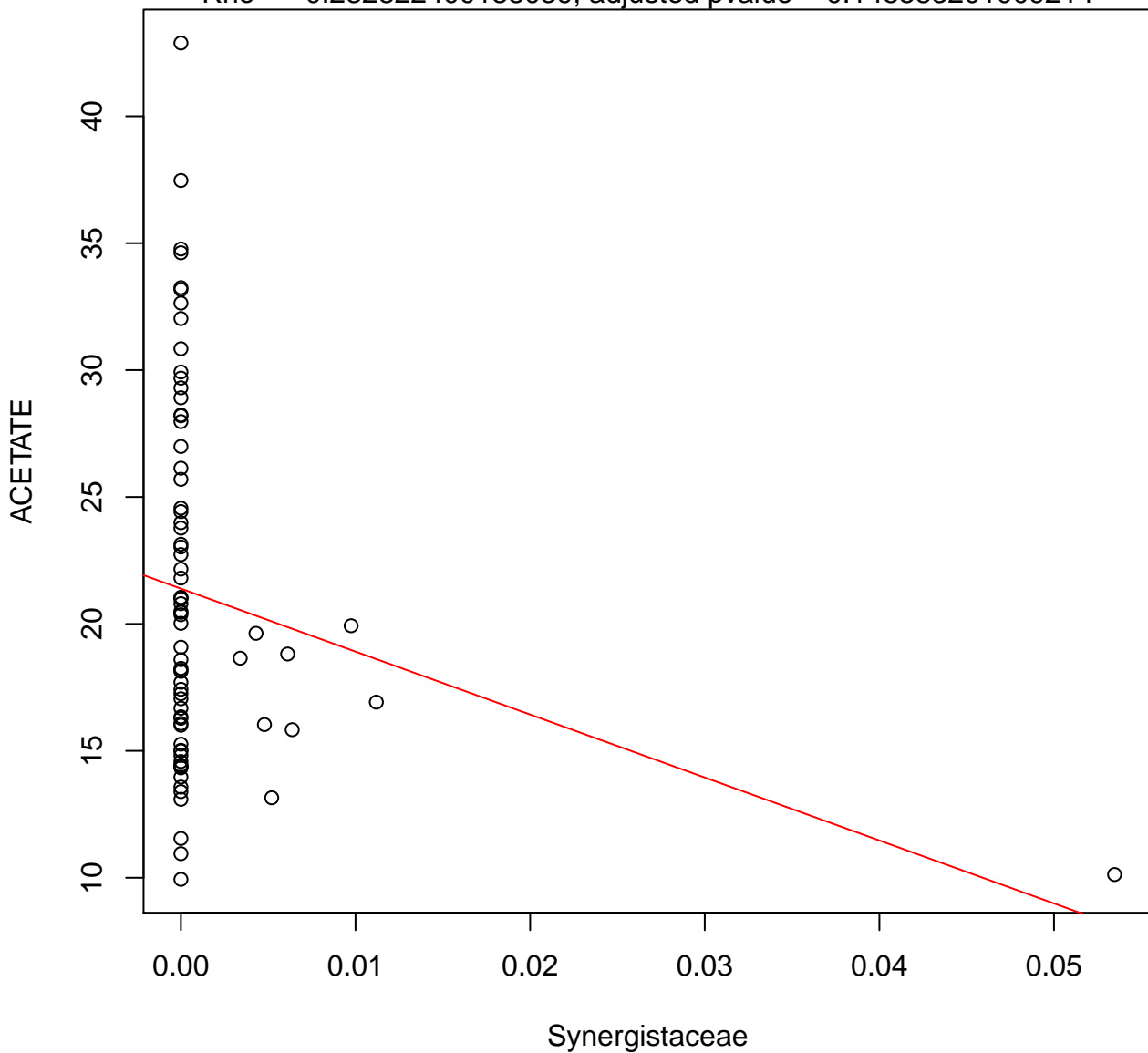
Timepoint 2 , ACETATE ~ Bilophila

Rho = -0.329108601098413 , adjusted pvalue = 0.0273354785494675



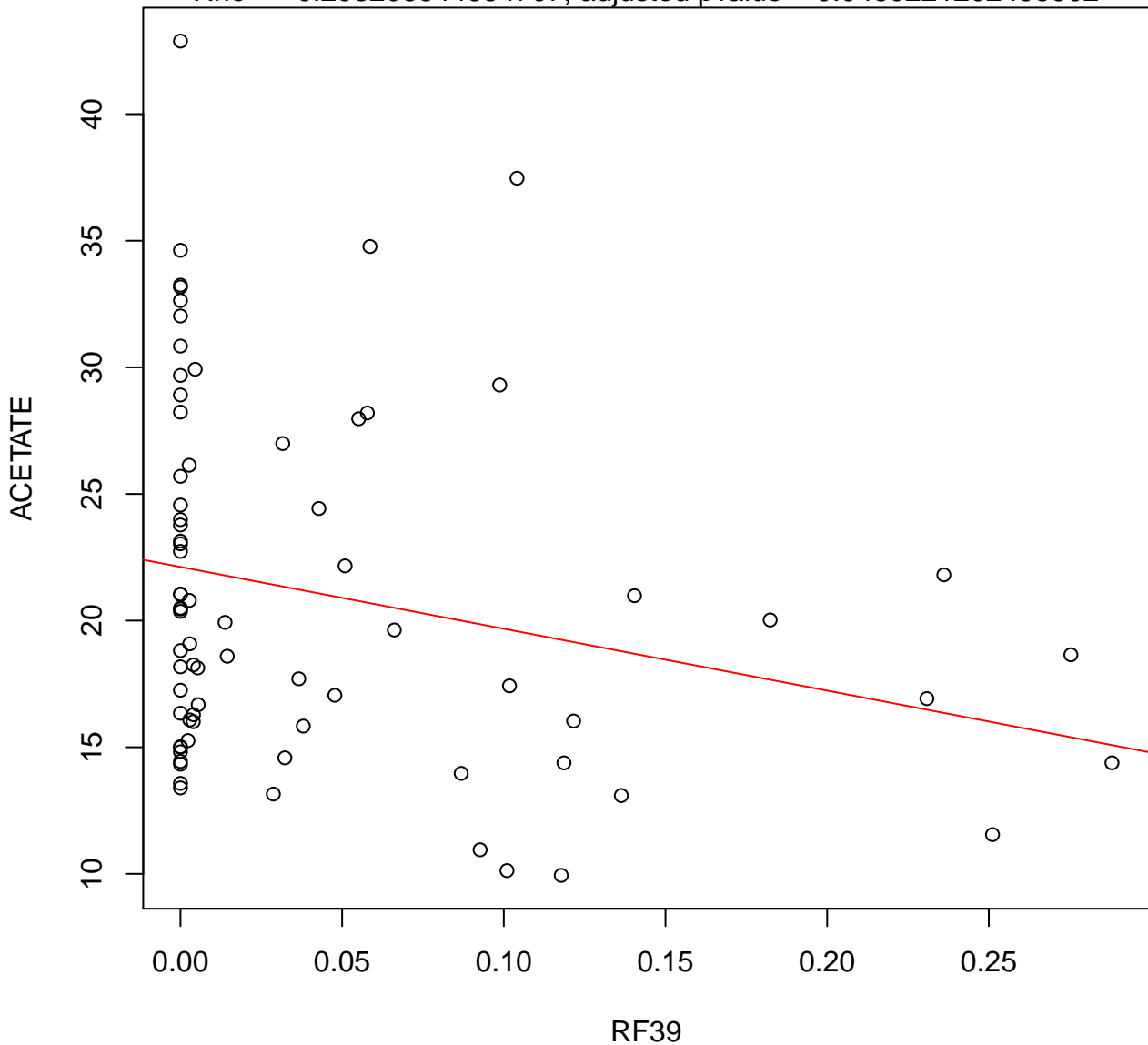
Timepoint 2 , ACETATE ~ Synergistaceae

Rho = -0.232822400138039 , adjusted pvalue = 0.145583201009214



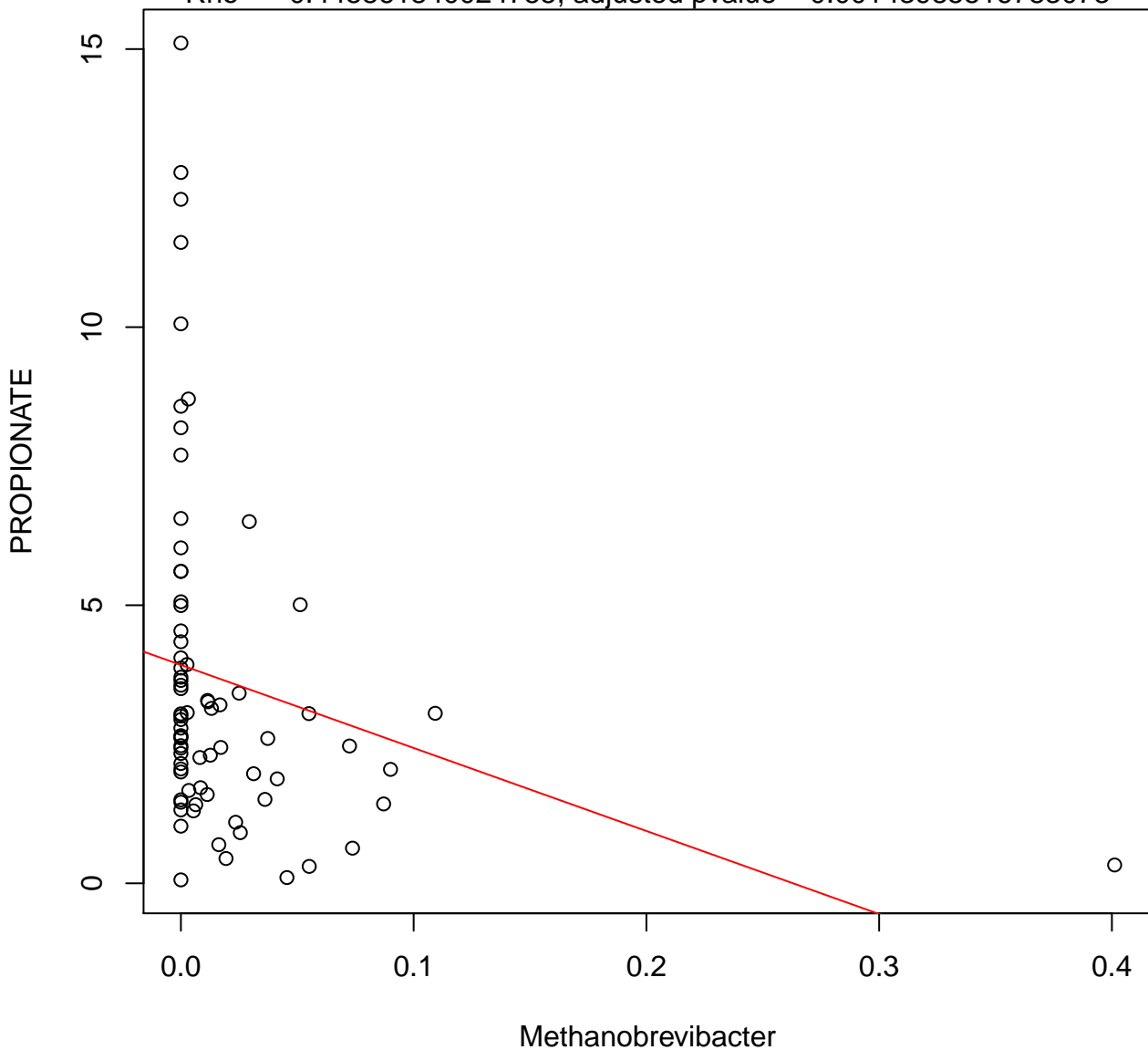
Timepoint 2 , ACETATE ~ RF39

Rho = -0.298208844654707 , adjusted pvalue = 0.0460221202495802



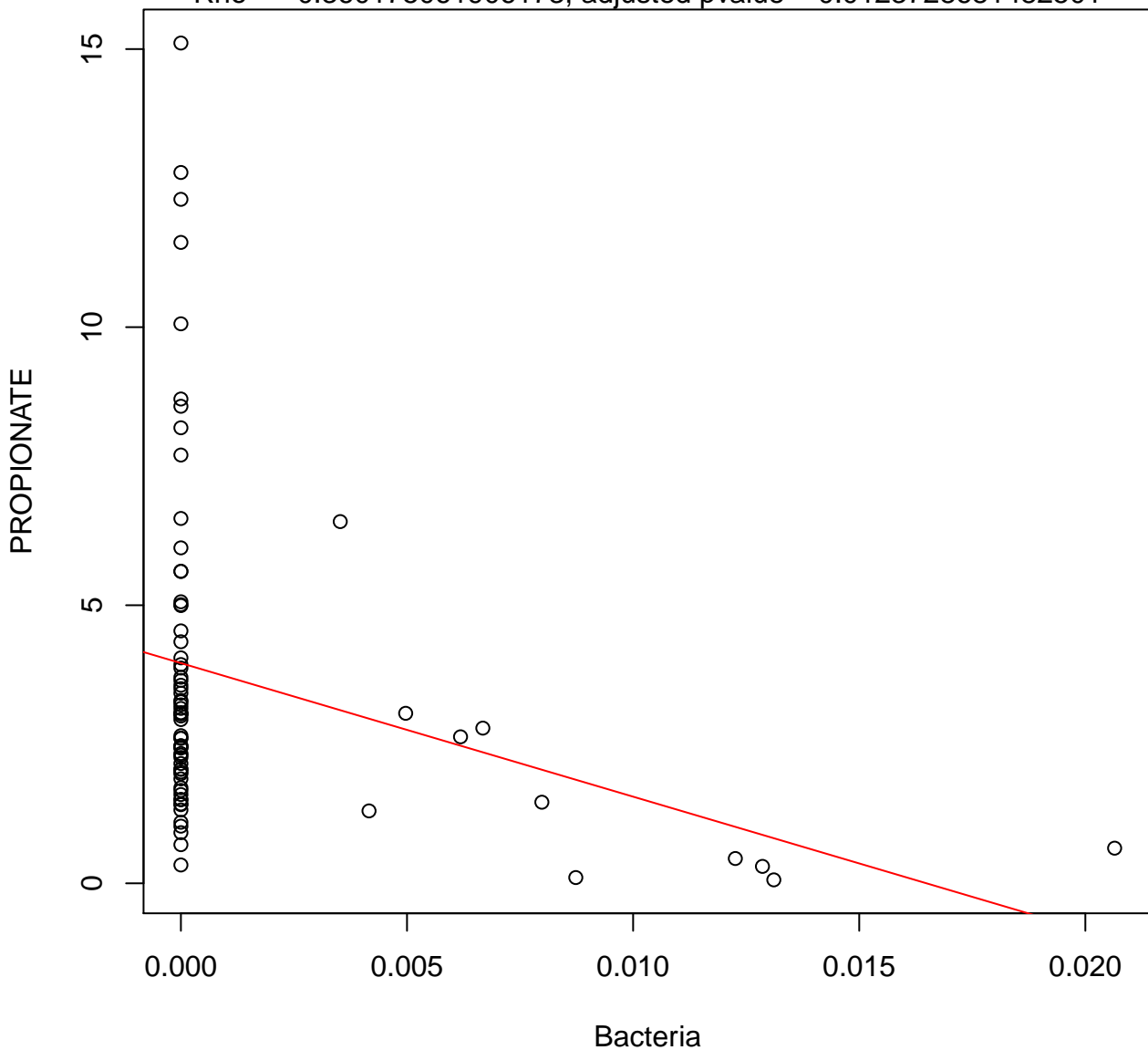
Timepoint 2 , PROPIONATE ~ Methanobrevibacter

Rho = -0.445861840024755 , adjusted pvalue = 0.00143985516783073



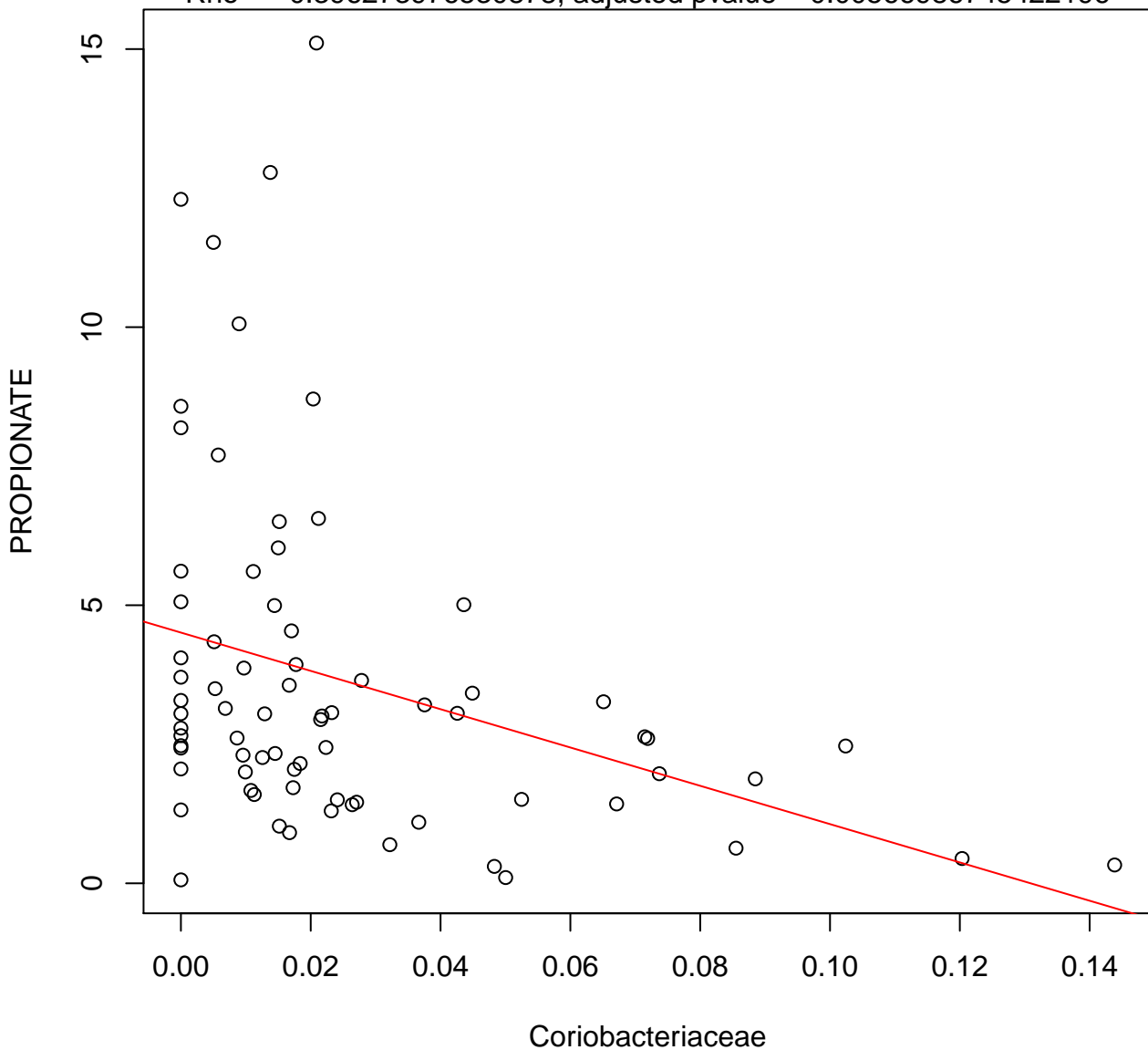
Timepoint 2 , PROPIONATE ~ Bacteria

Rho = -0.360175061906173 , adjusted pvalue = 0.0123728681482501



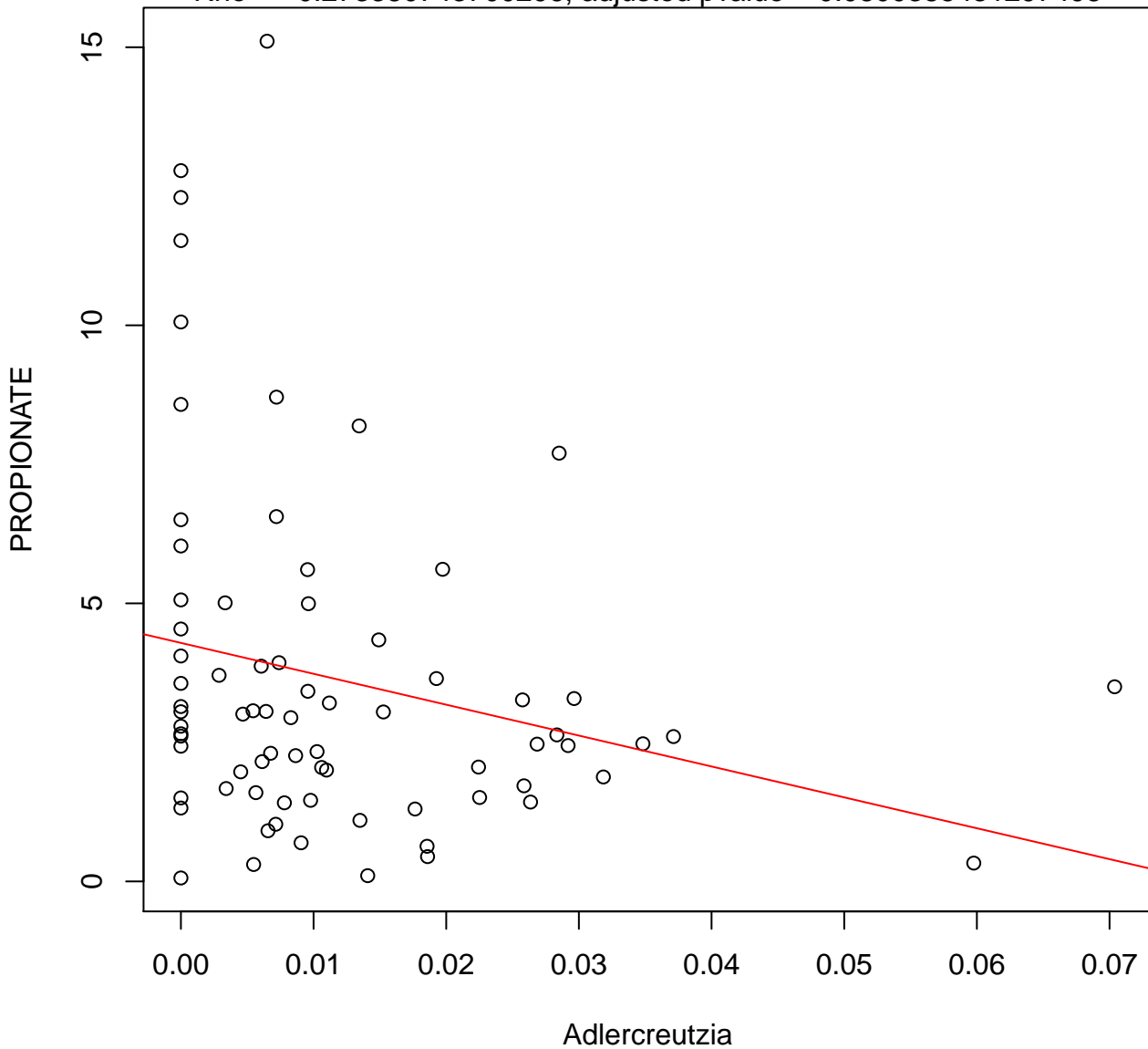
Timepoint 2 , PROPIONATE ~ Coriobacteriaceae

Rho = -0.396273976530878 , adjusted pvalue = 0.00566986745422196



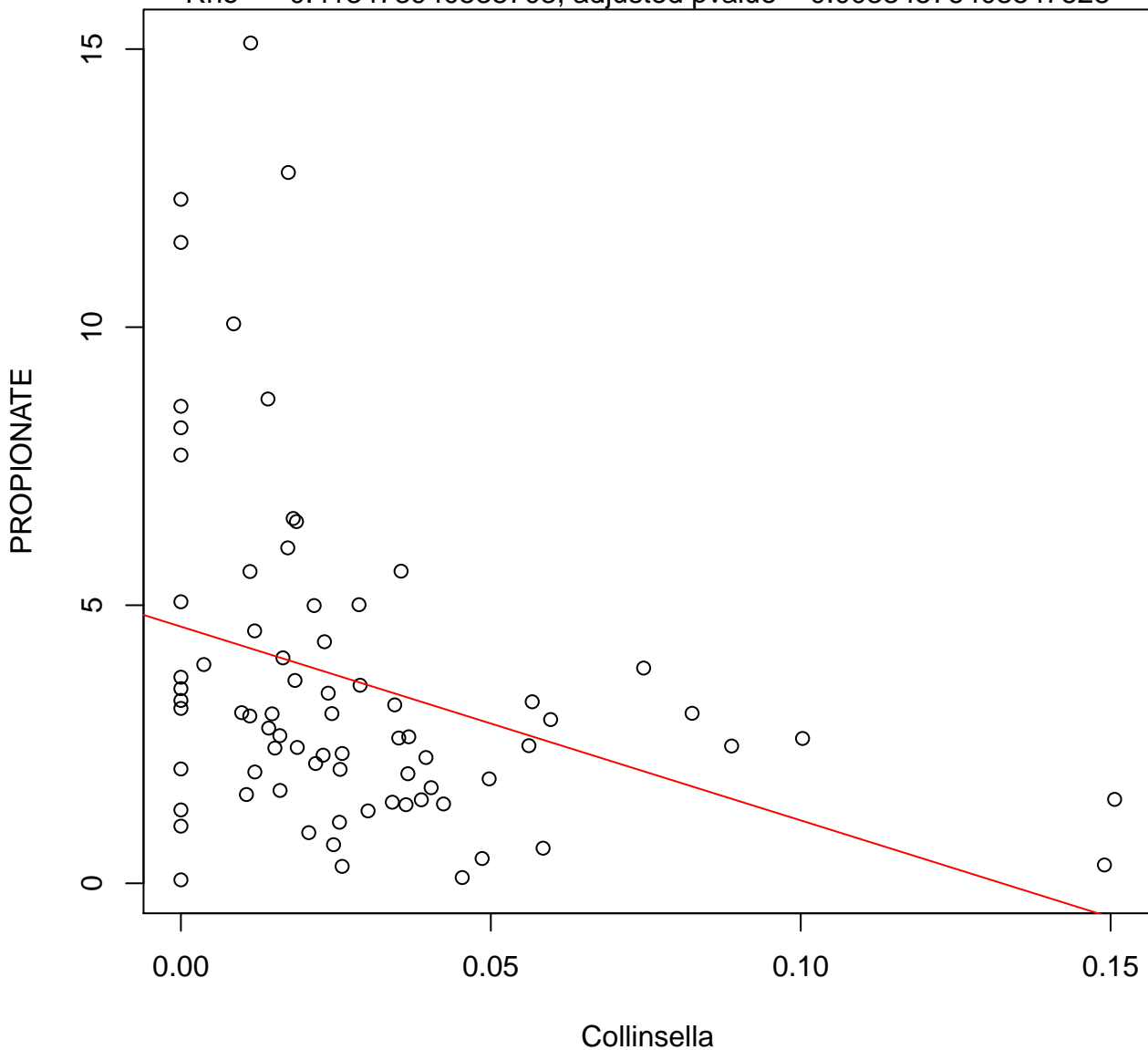
Timepoint 2 , PROPIONATE ~ Adlercreutzia

Rho = -0.273380743700296 , adjusted pvalue = 0.0800385431297498



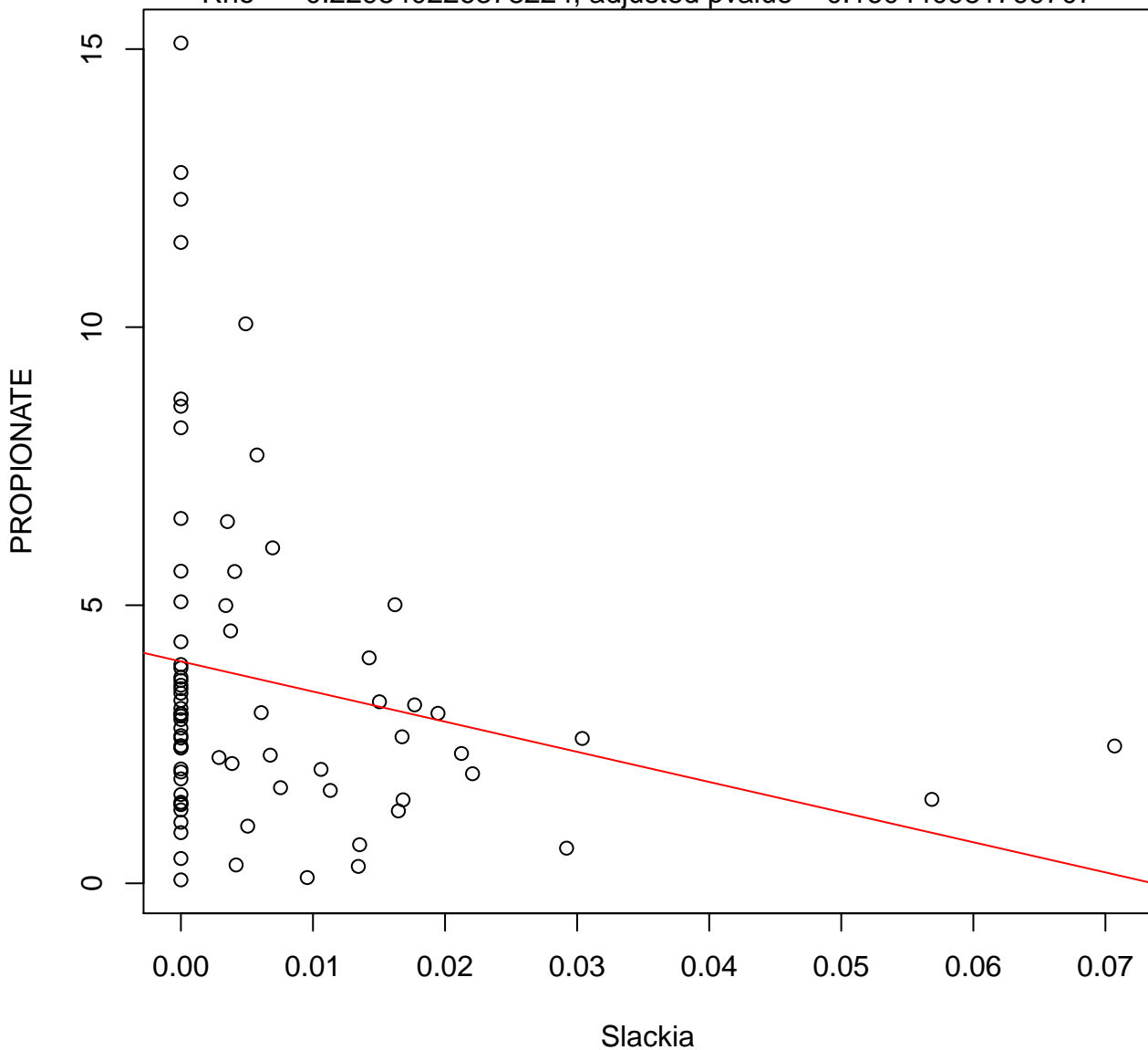
Timepoint 2 , PROPIONATE ~ Collinsella

Rho = -0.413473940538703, adjusted pvalue = 0.00334576403547528



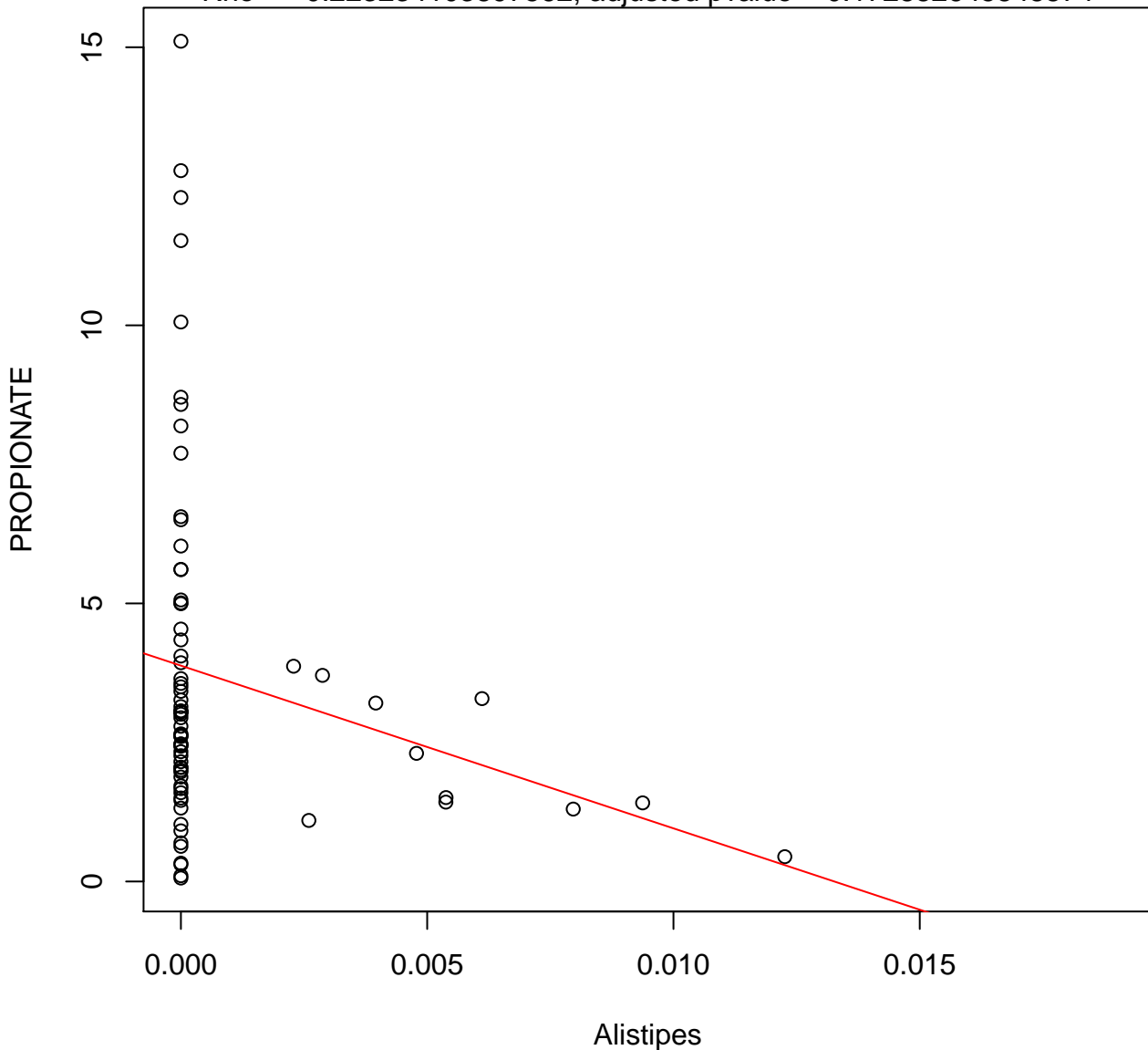
Timepoint 2 , PROPIONATE ~ Slackia

Rho = -0.229540226378224 , adjusted pvalue = 0.160440981799707



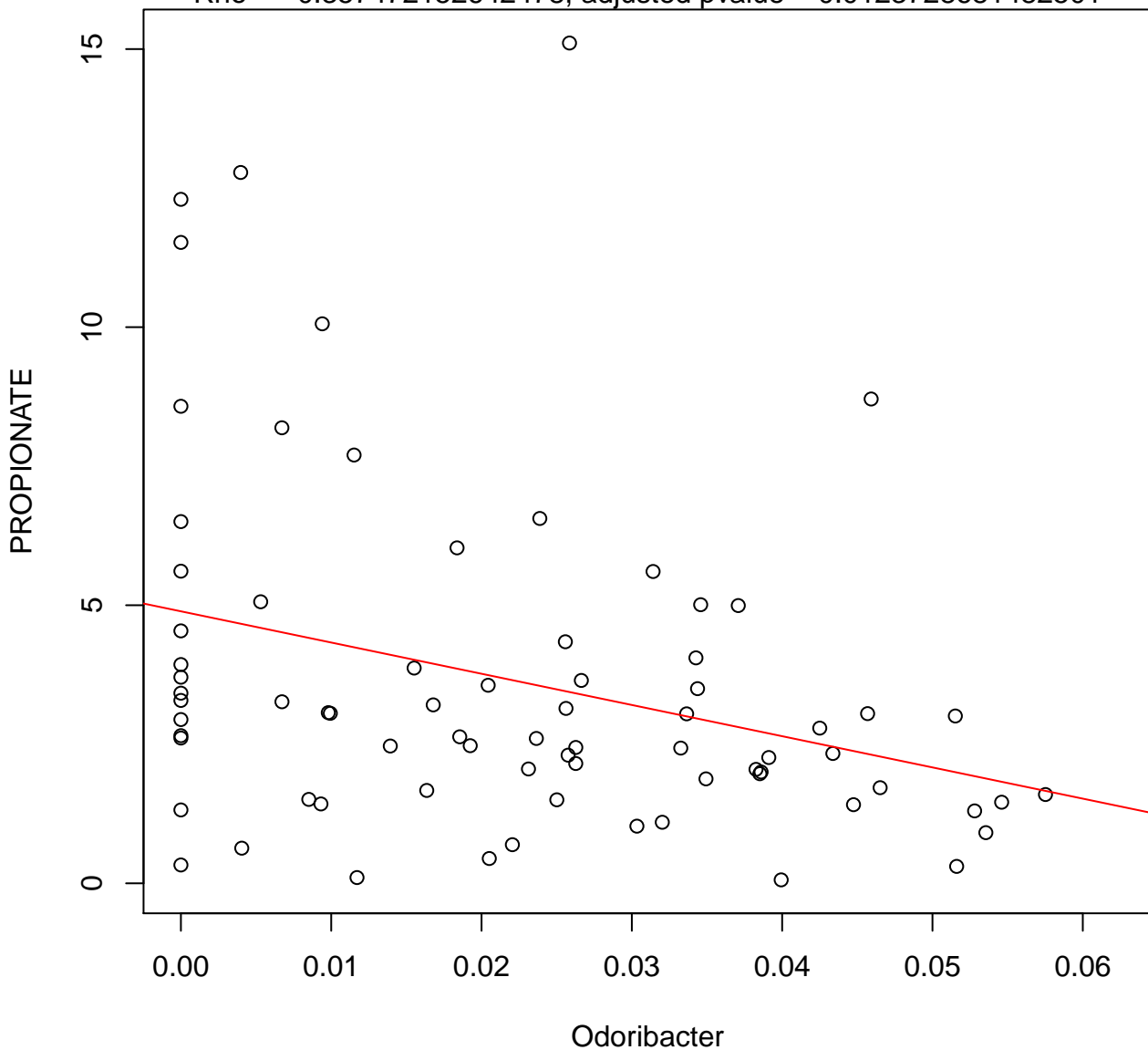
Timepoint 2 , PROPIONATE ~ Alistipes

Rho = -0.223234103897562, adjusted pvalue = 0.172882645848874



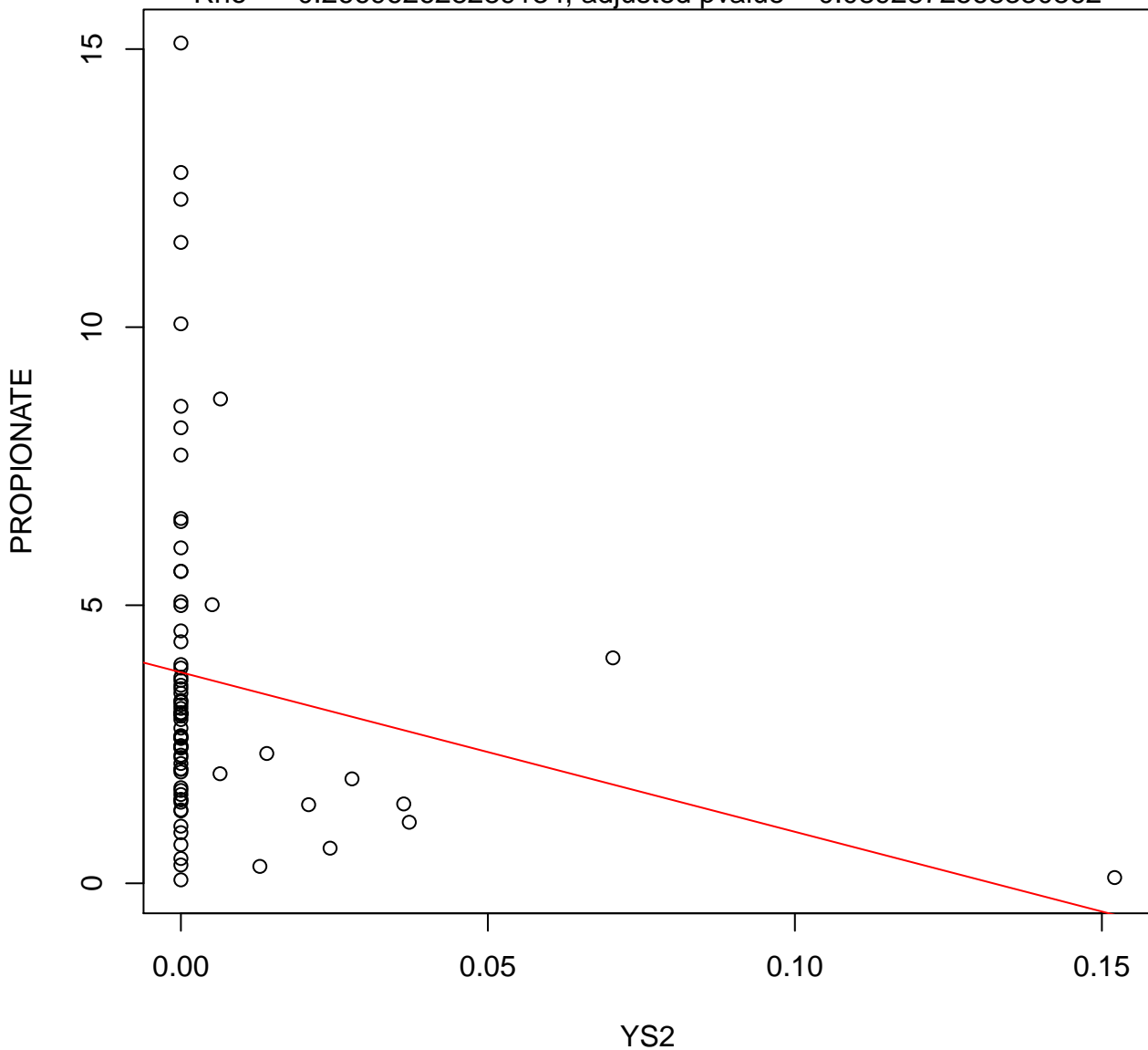
Timepoint 2 , PROPIONATE ~ Odoribacter

Rho = -0.357472152642478 , adjusted pvalue = 0.0123728681482501



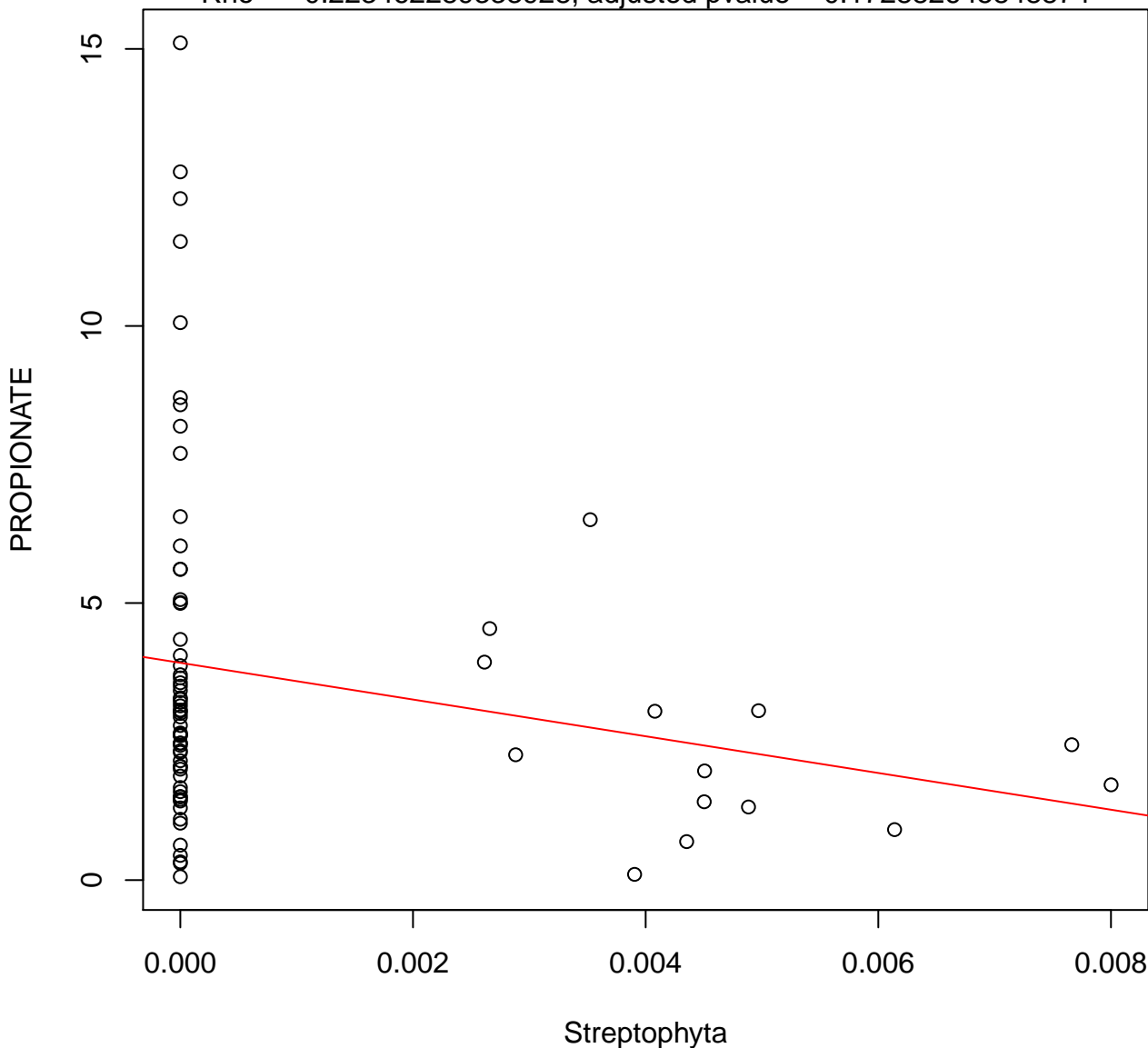
Timepoint 2 , PROPIONATE ~ YS2

Rho = -0.266962628289134 , adjusted pvalue = 0.0892872568330862



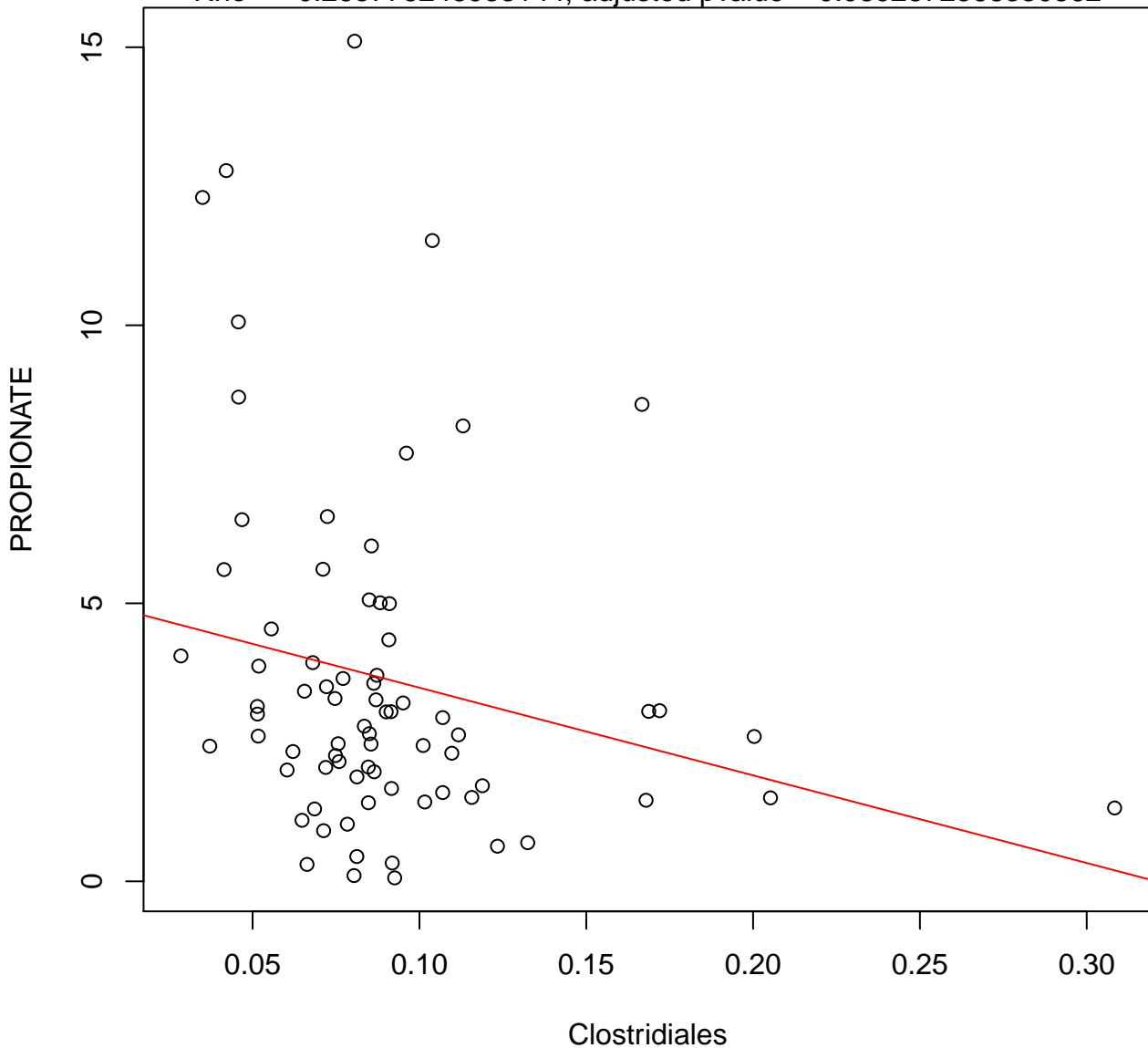
Timepoint 2 , PROPIONATE ~ Streptophyta

Rho = -0.223462289333928, adjusted pvalue = 0.172882645848874



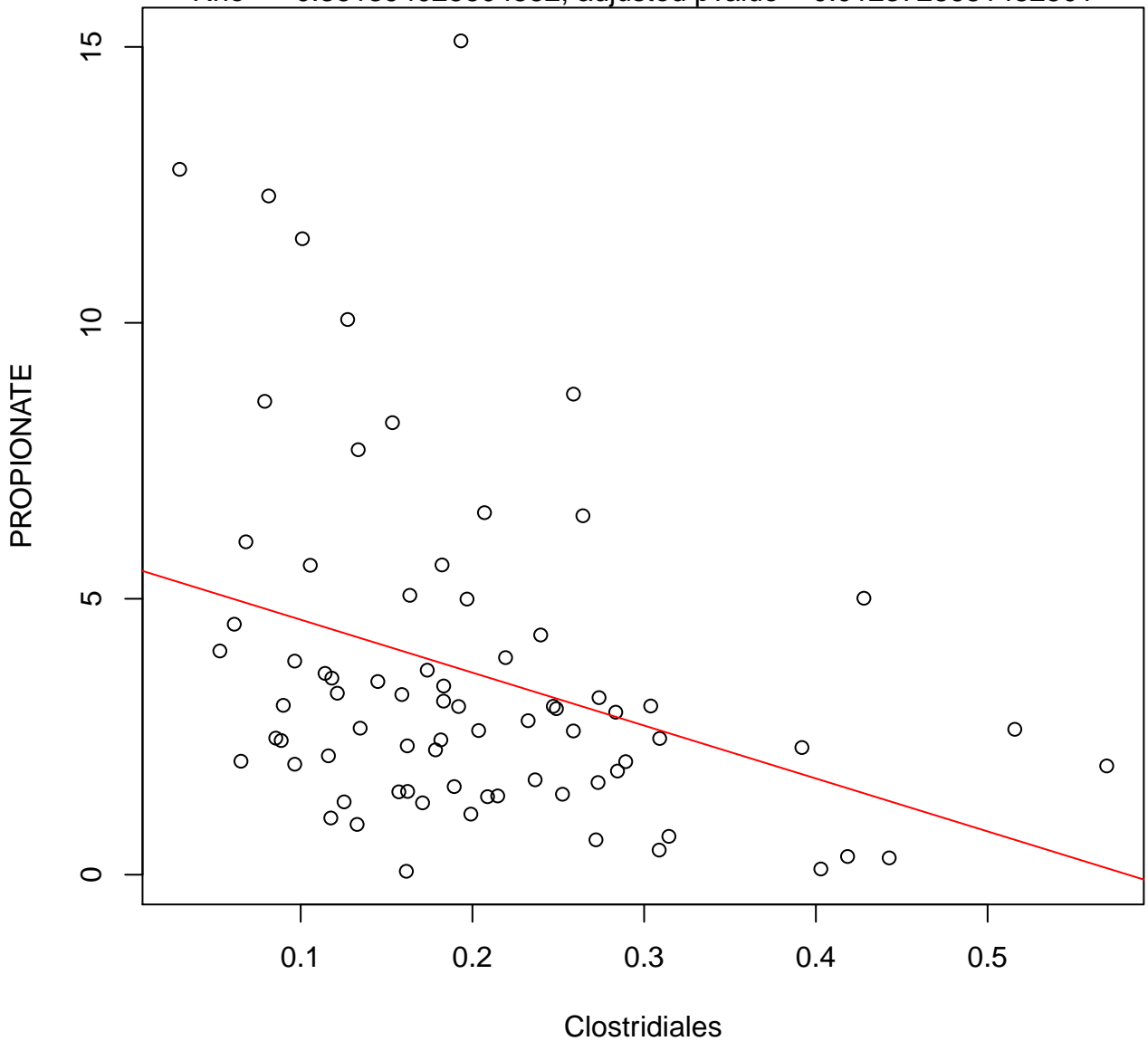
Timepoint 2 , PROPIONATE ~ Clostridiales

Rho = -0.265775248933144 , adjusted pvalue = 0.0892872568330862



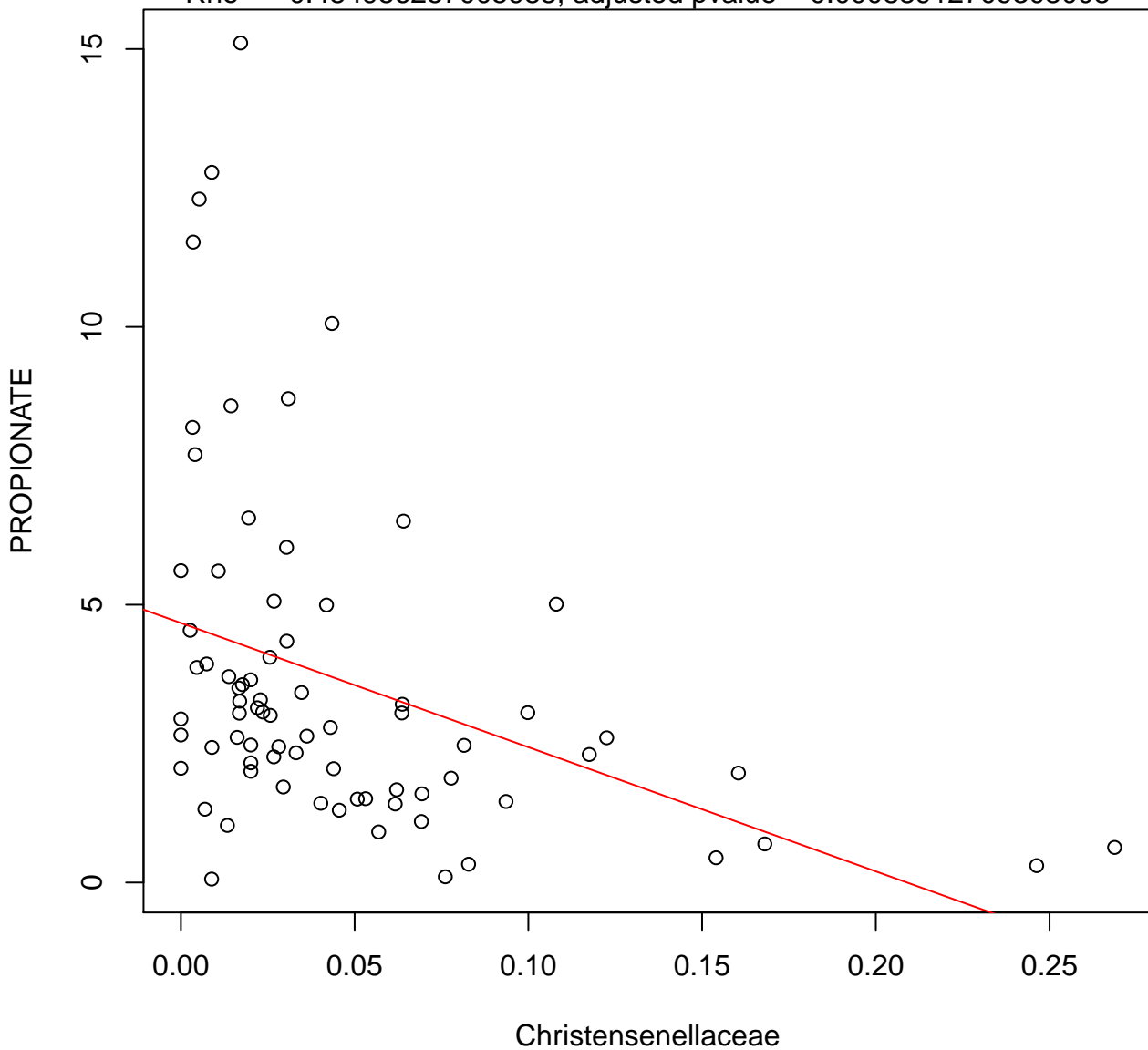
Timepoint 2 , PROPIONATE ~ Clostridiales

Rho = -0.361394025604552 , adjusted pvalue = 0.0123728681482501



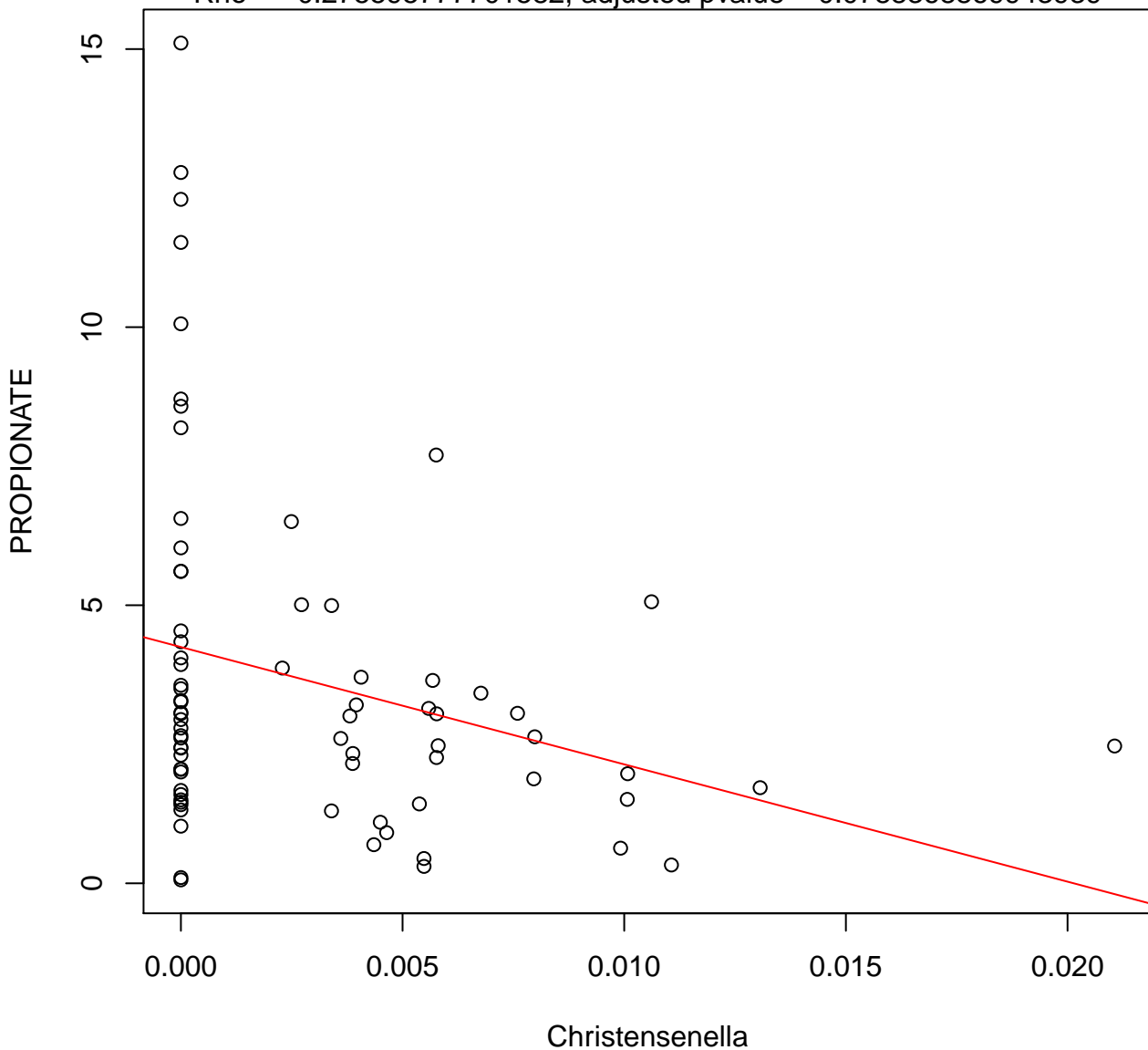
Timepoint 2 , PROPIONATE ~ Christensenellaceae

Rho = -0.484956257005988 , adjusted pvalue = 0.00088912709308008



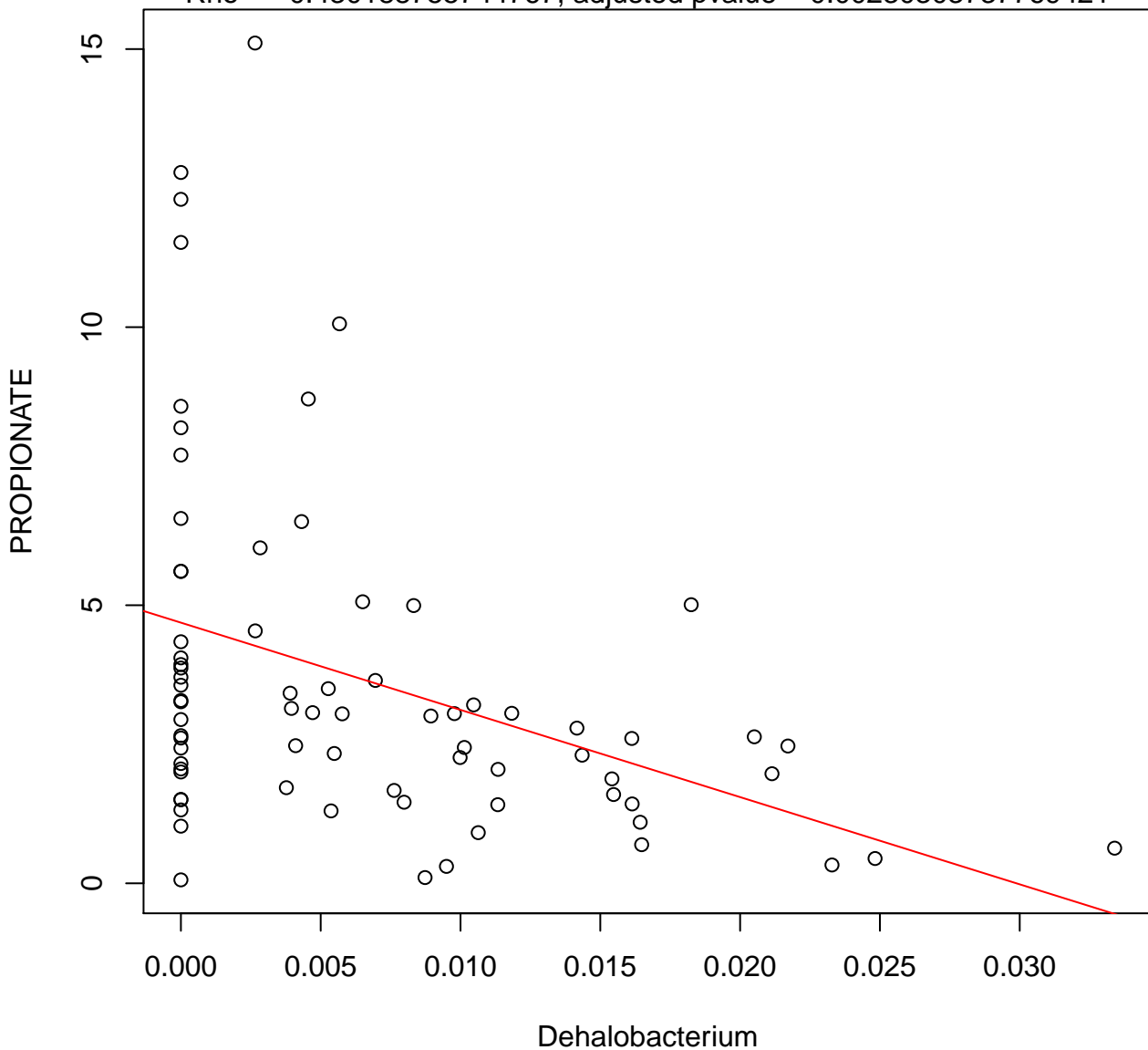
Timepoint 2 , PROPIONATE ~ Christensenella

Rho = -0.275595777701582 , adjusted pvalue = 0.0788368869943939



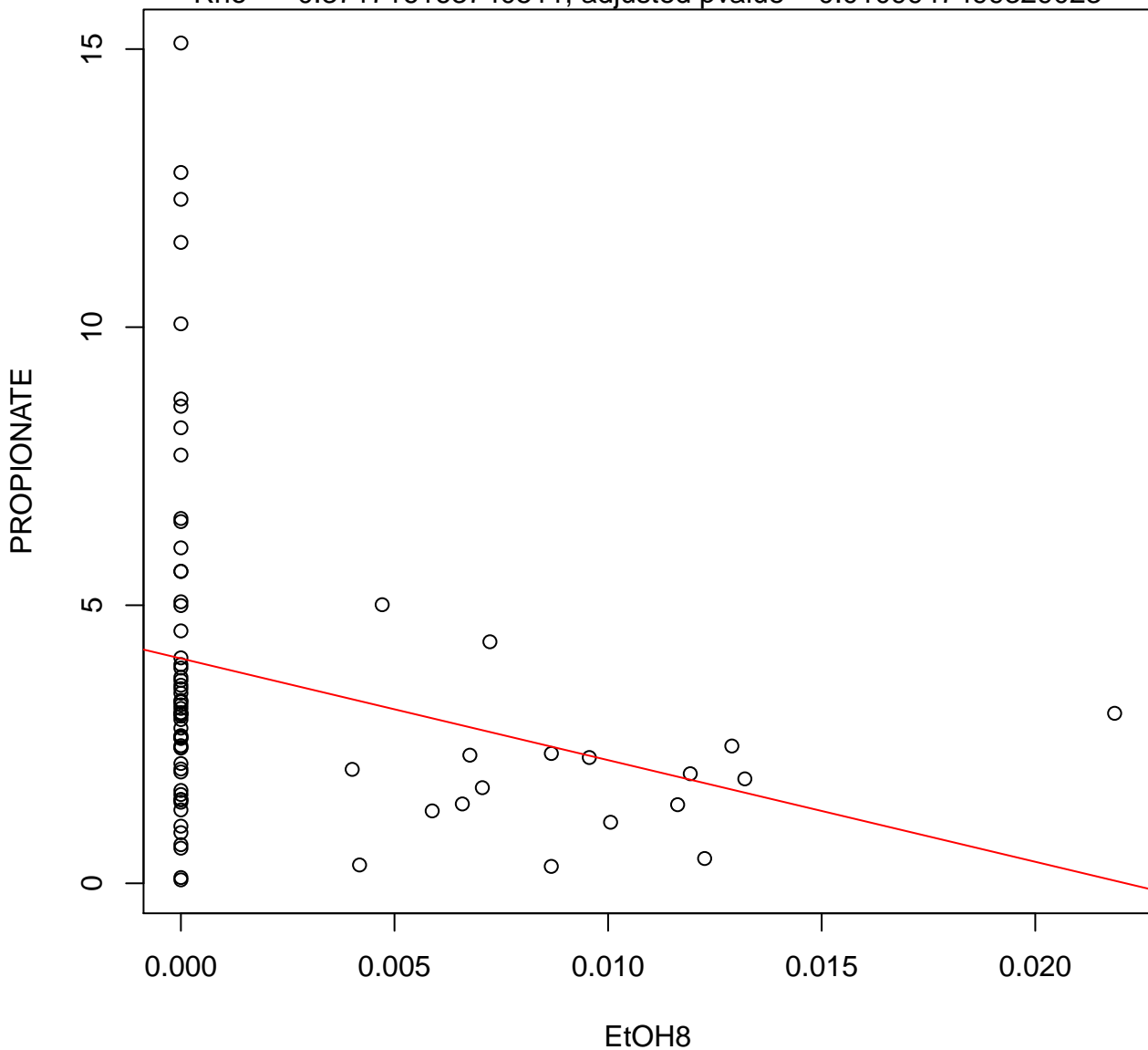
Timepoint 2 , PROPIONATE ~ Dehalobacterium

Rho = -0.430188755744767 , adjusted pvalue = 0.00230303737769421



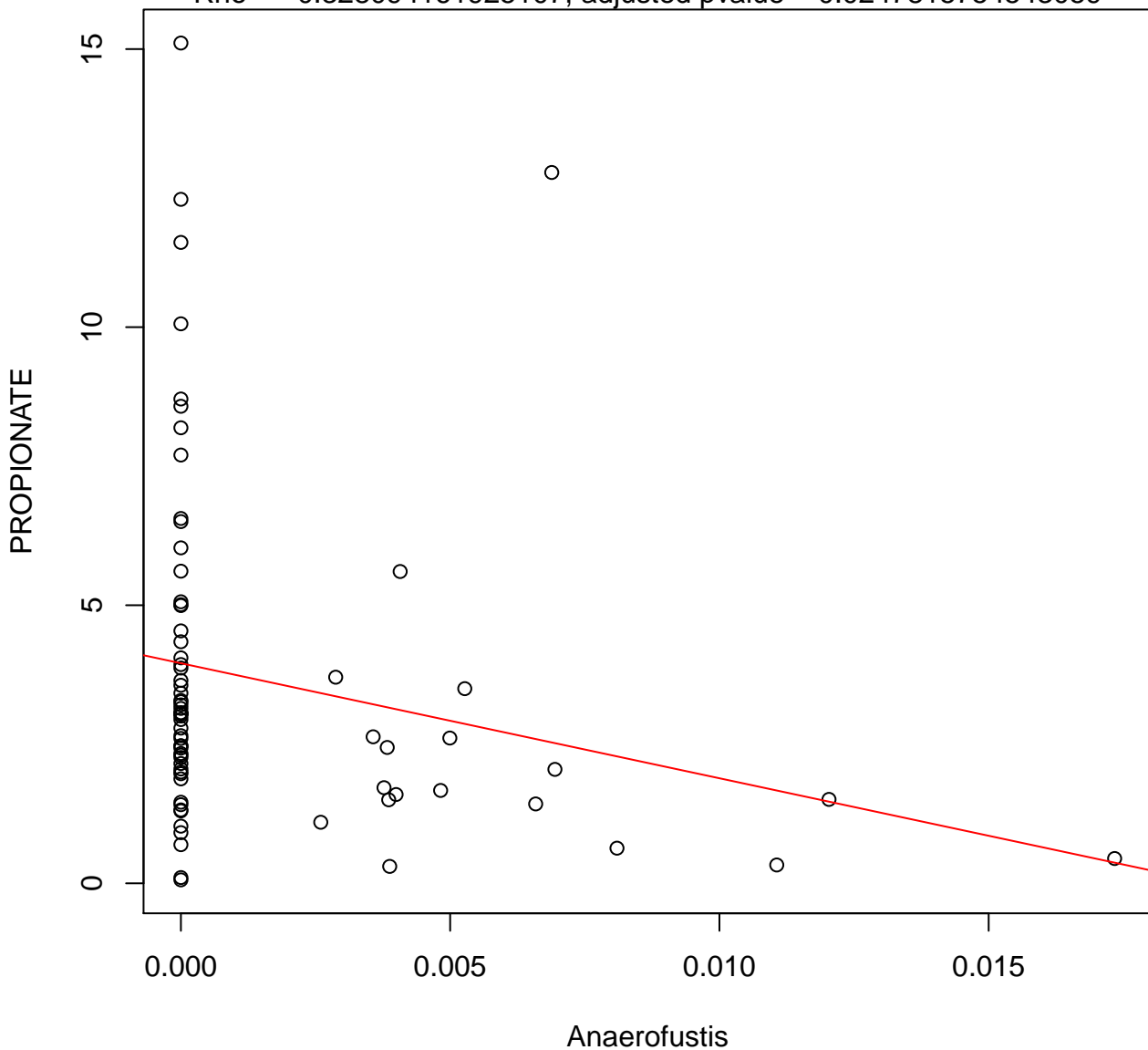
Timepoint 2 , PROPIONATE ~ EtOH8

Rho = -0.371716163740511 , adjusted pvalue = 0.0109947499329023



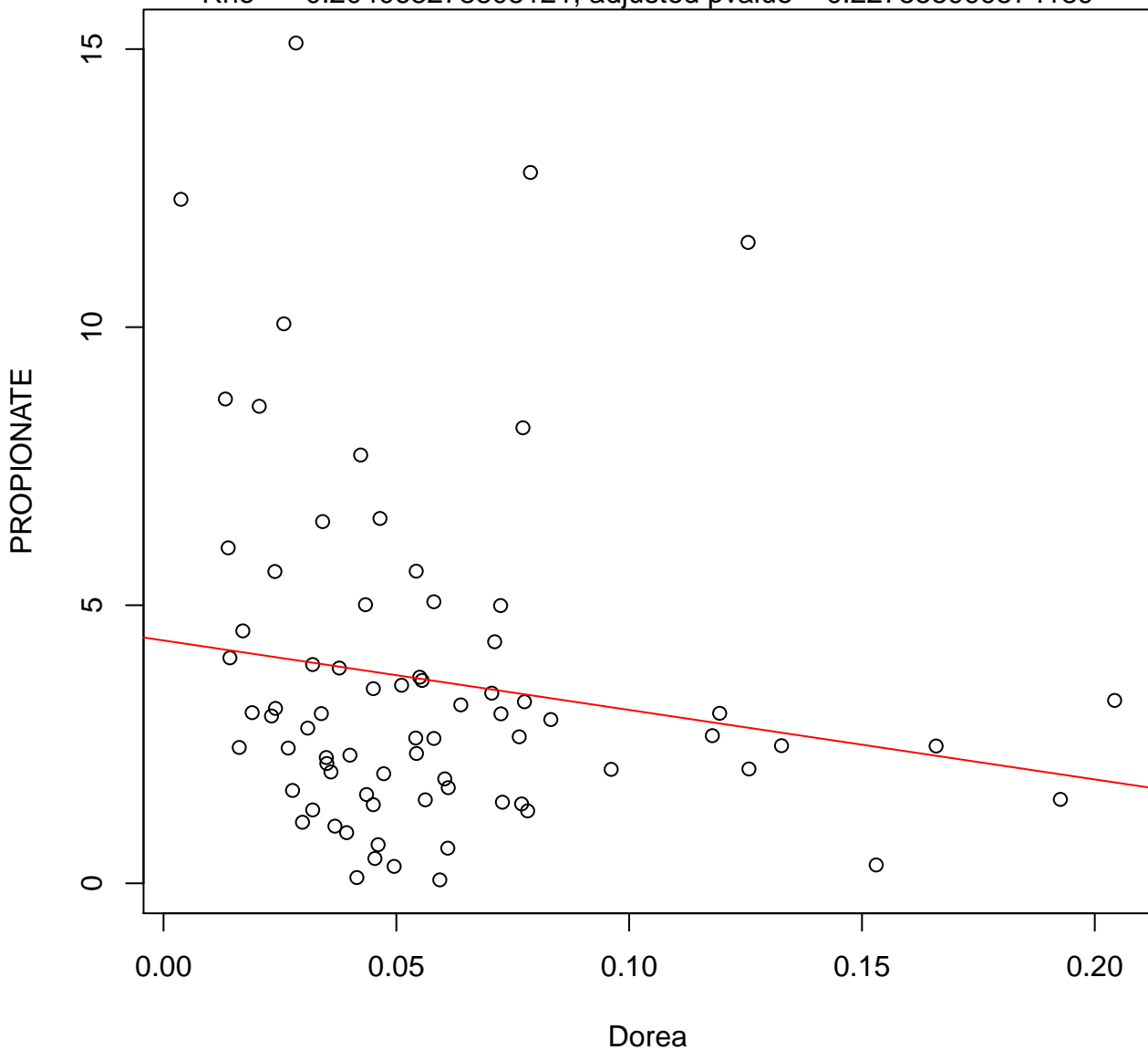
Timepoint 2 , PROPIONATE ~ Anaerofustis

Rho = -0.328094161925107 , adjusted pvalue = 0.0247815754543059



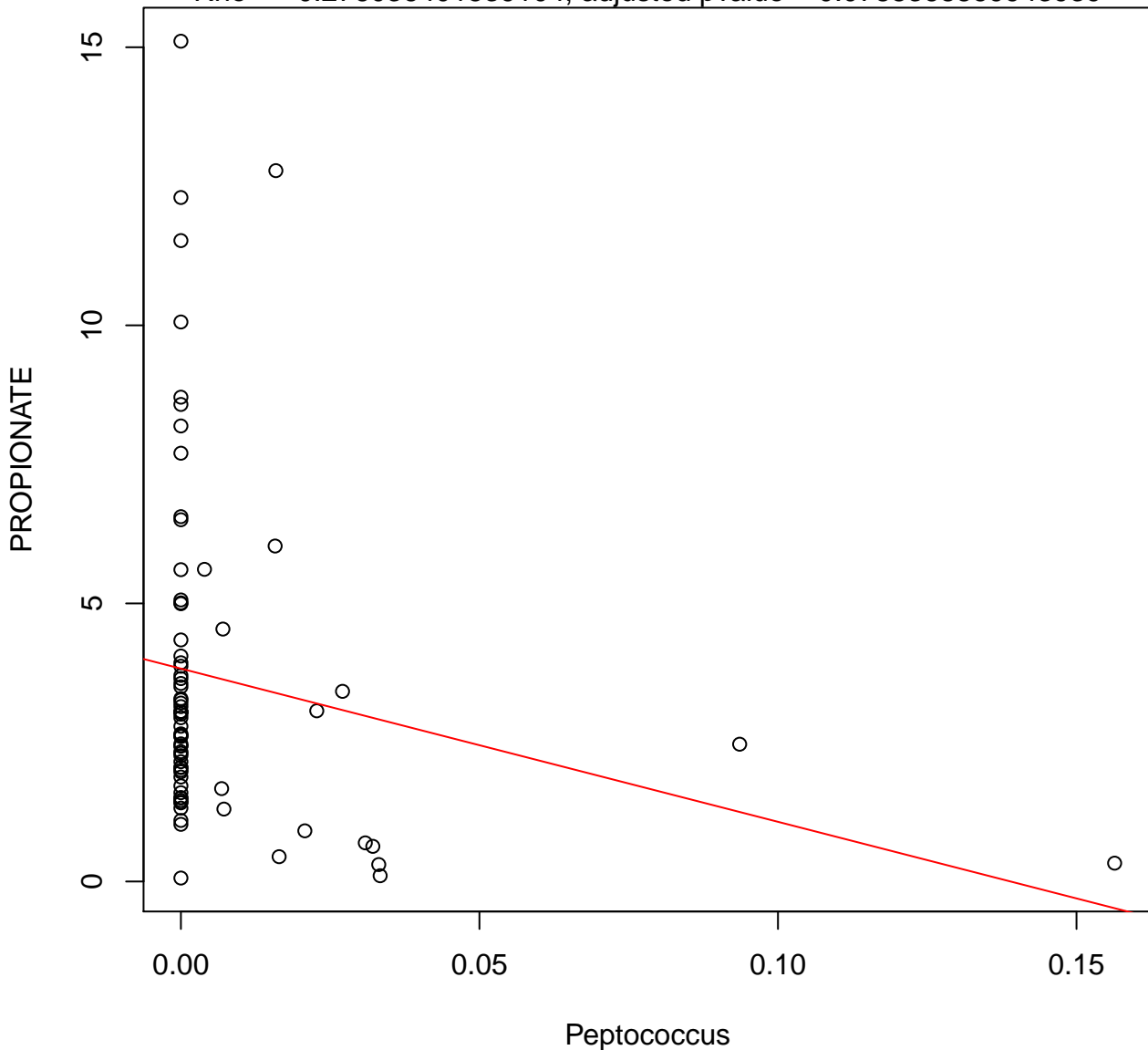
Timepoint 2 , PROPIONATE ~ Dorea

Rho = -0.204068278805121 , adjusted pvalue = 0.227555999574189



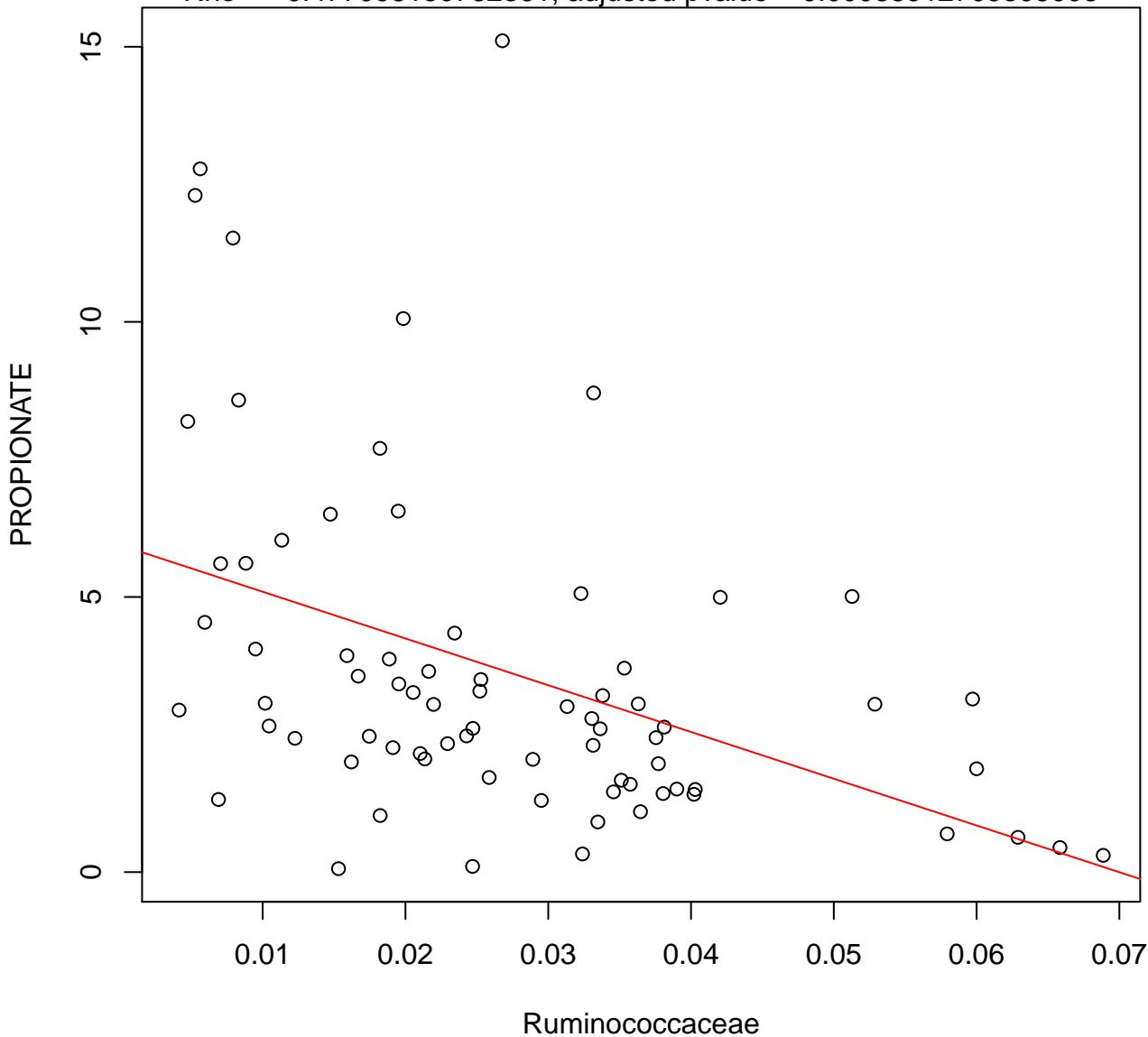
Timepoint 2 , PROPIONATE ~ Peptococcus

Rho = -0.276036401539104 , adjusted pvalue = 0.0788368869943939



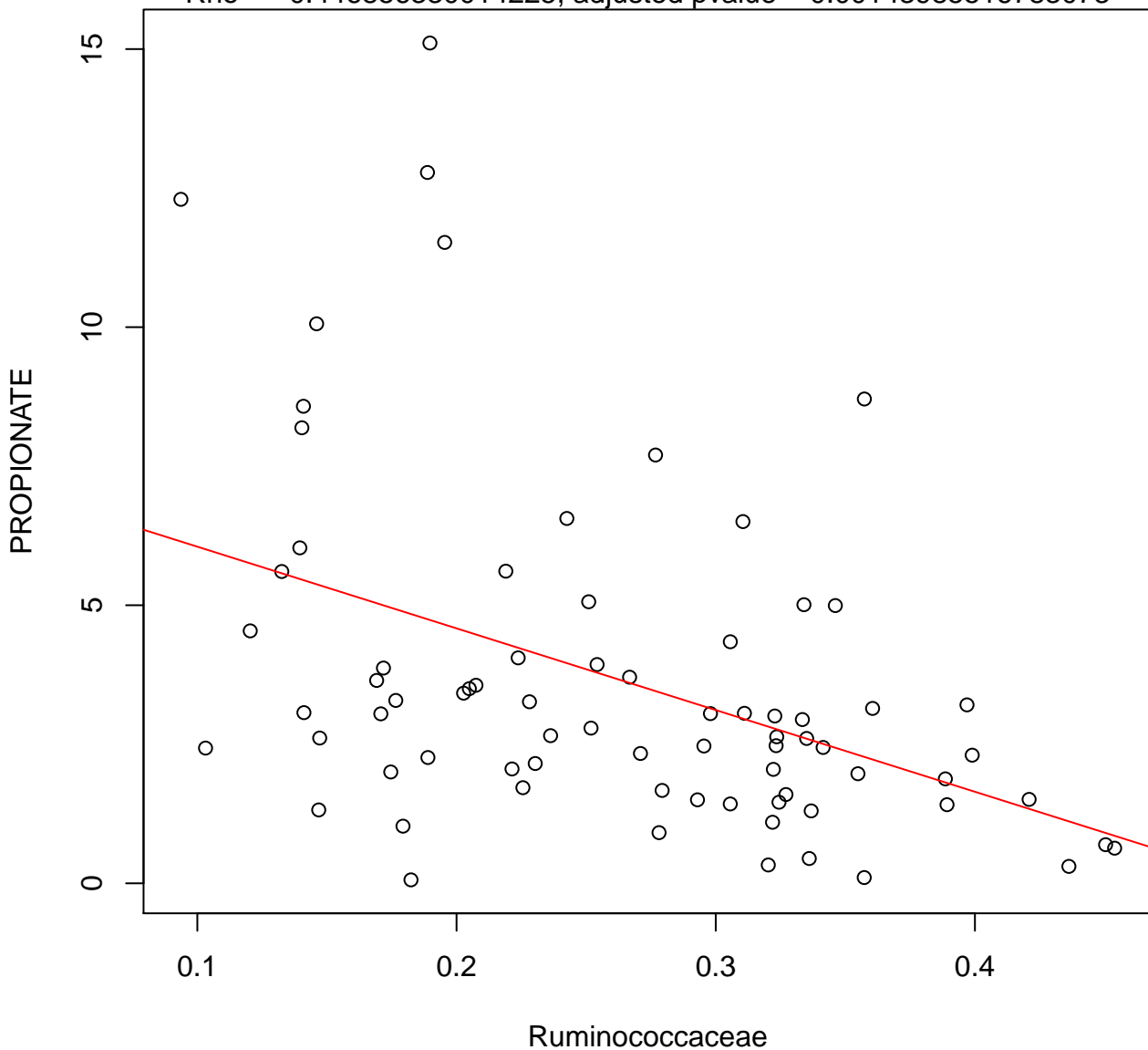
Timepoint 2 , PROPIONATE ~ Ruminococcaceae

Rho = -0.477098150782361 , adjusted pvalue = 0.00088912709308008



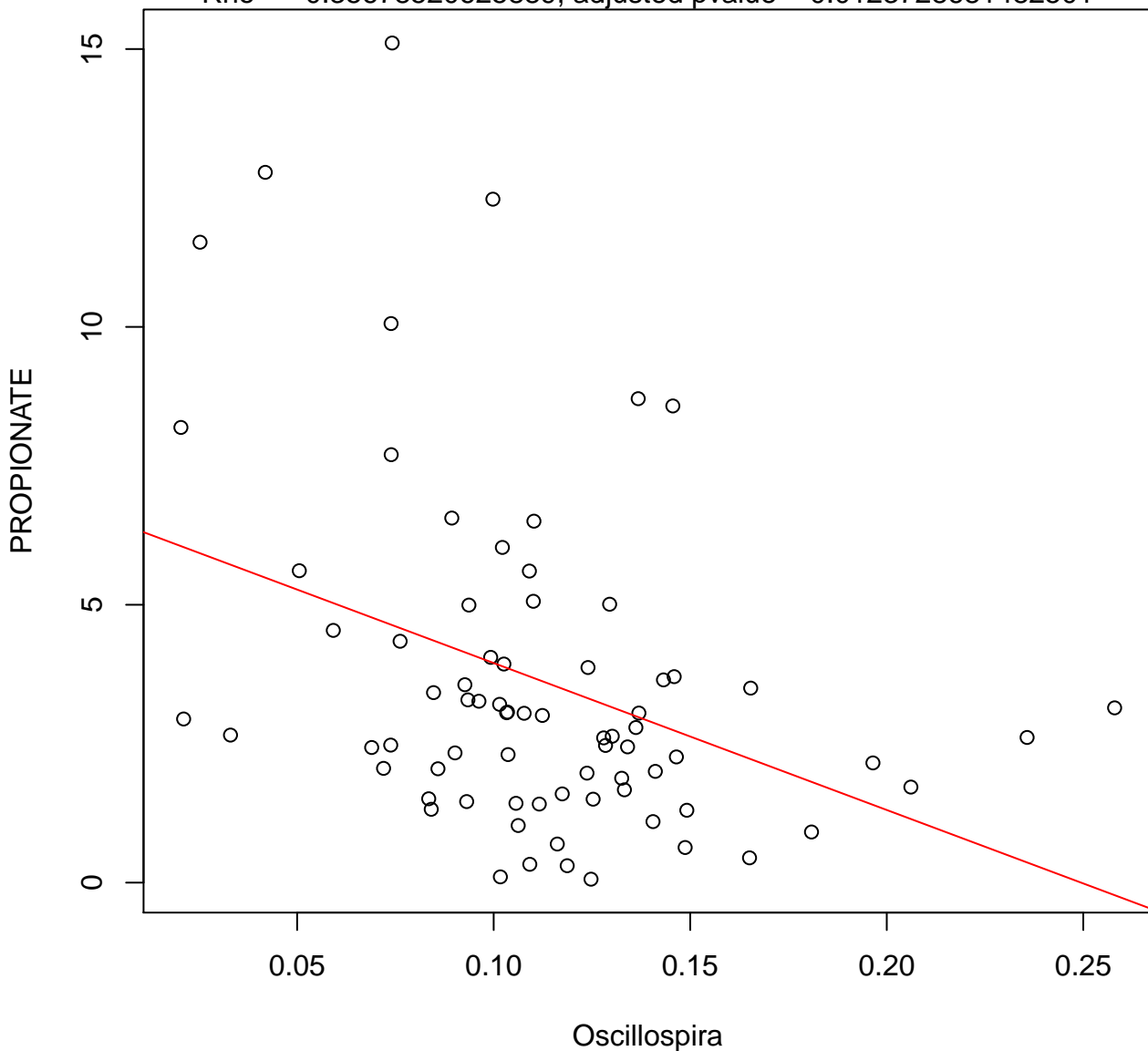
Timepoint 2 , PROPIONATE ~ Ruminococcaceae

Rho = -0.446856330014225 , adjusted pvalue = 0.00143985516783073



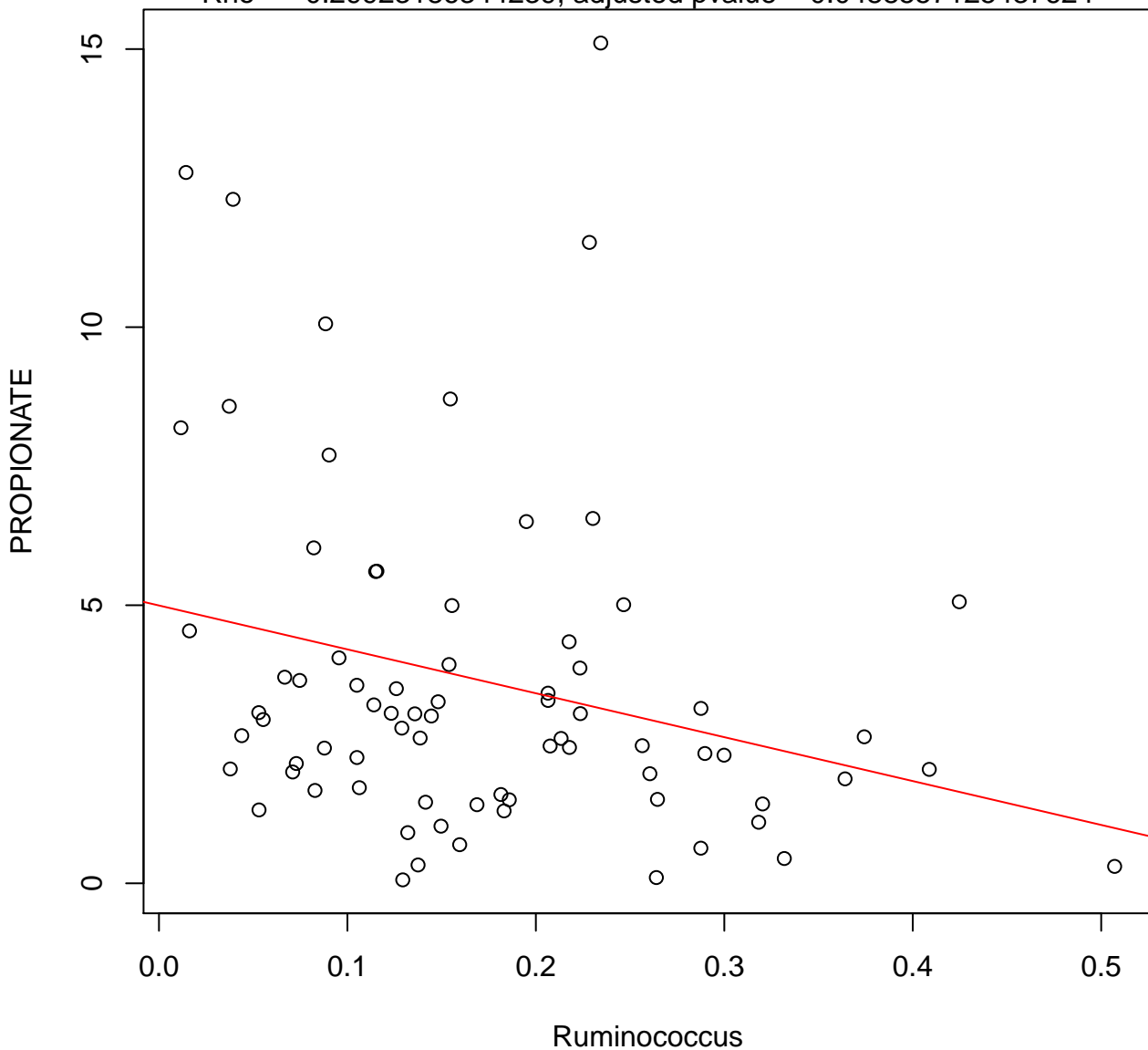
Timepoint 2 , PROPIONATE ~ Oscillospira

Rho = -0.35678520625889 , adjusted pvalue = 0.0123728681482501



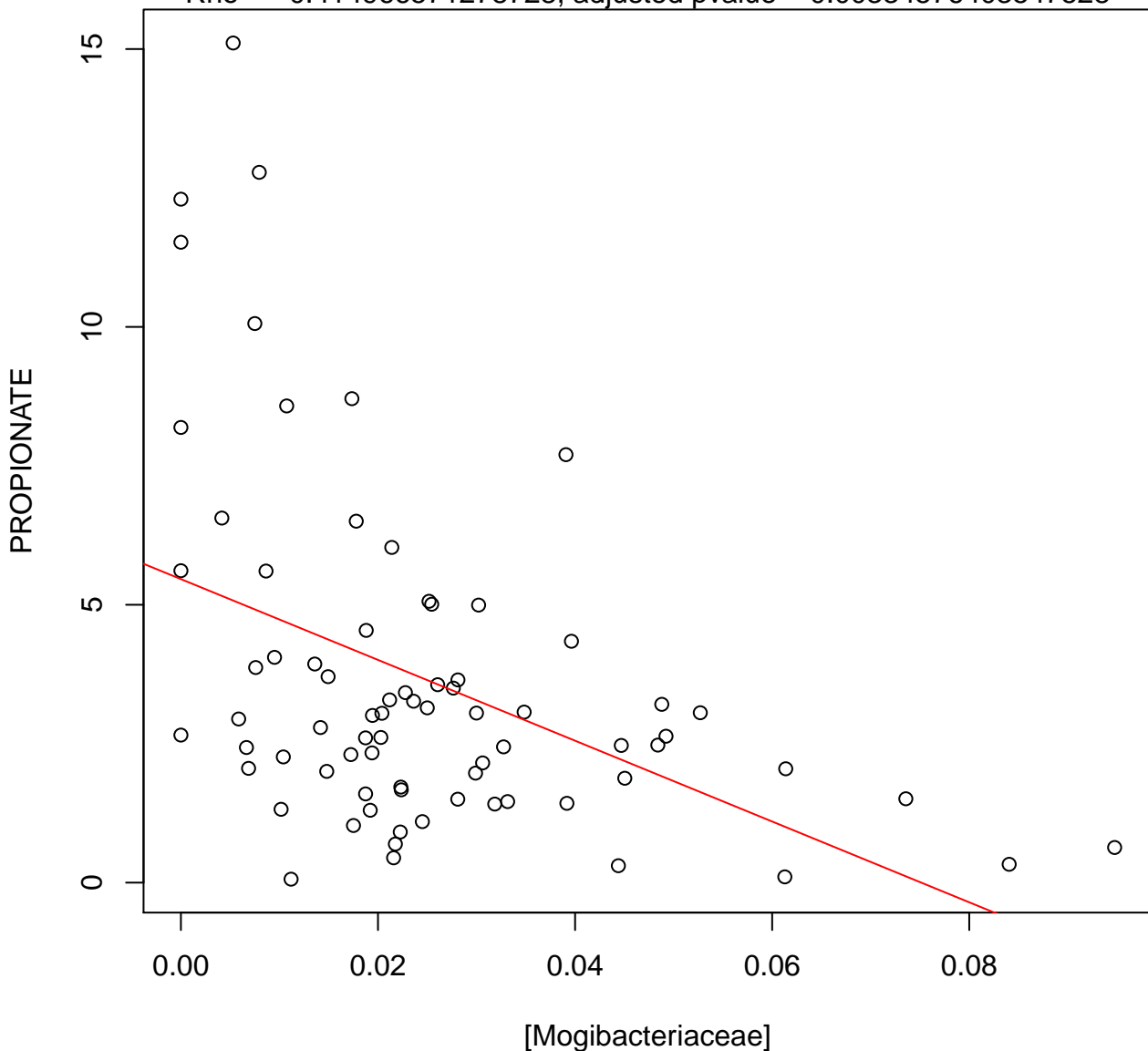
Timepoint 2 , PROPIONATE ~ Ruminococcus

Rho = -0.29923186344239 , adjusted pvalue = 0.0488557125437624



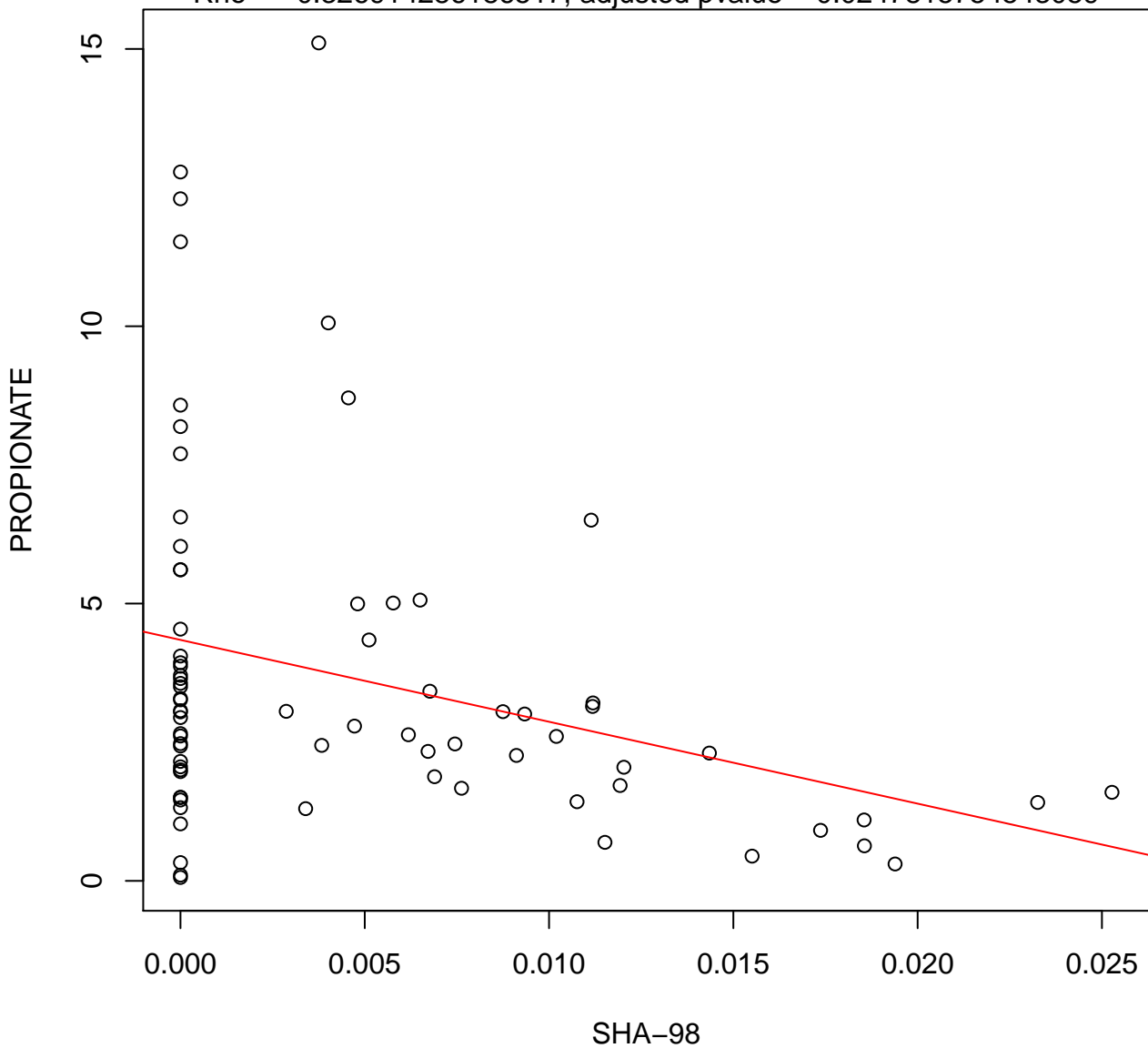
Timepoint 2 , PROPIONATE ~ [Mogibacteriaceae]

Rho = -0.414966571278728 , adjusted pvalue = 0.00334576403547528



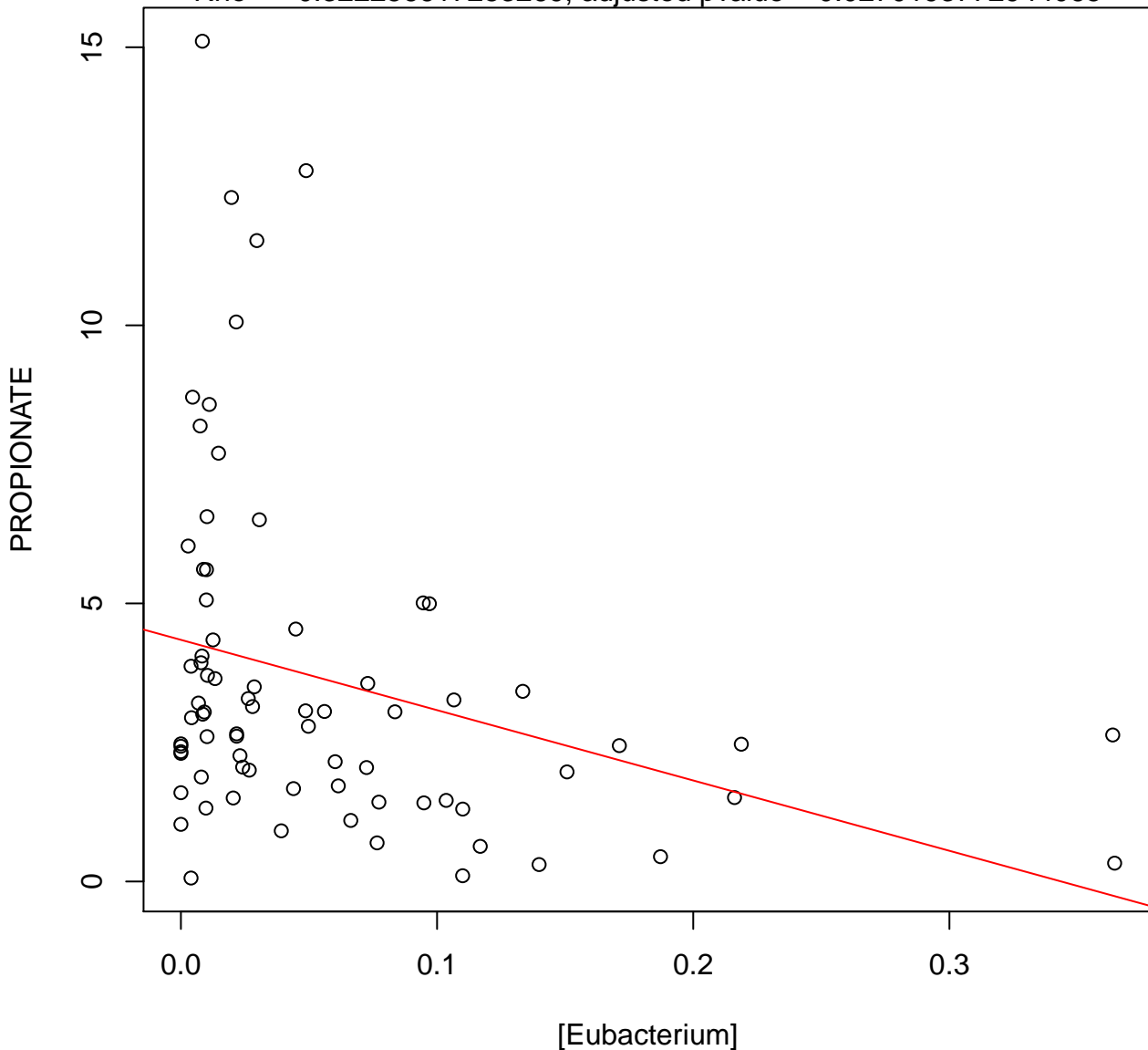
Timepoint 2 , PROPIONATE ~ SHA-98

Rho = -0.326914286186517 , adjusted pvalue = 0.0247815754543059



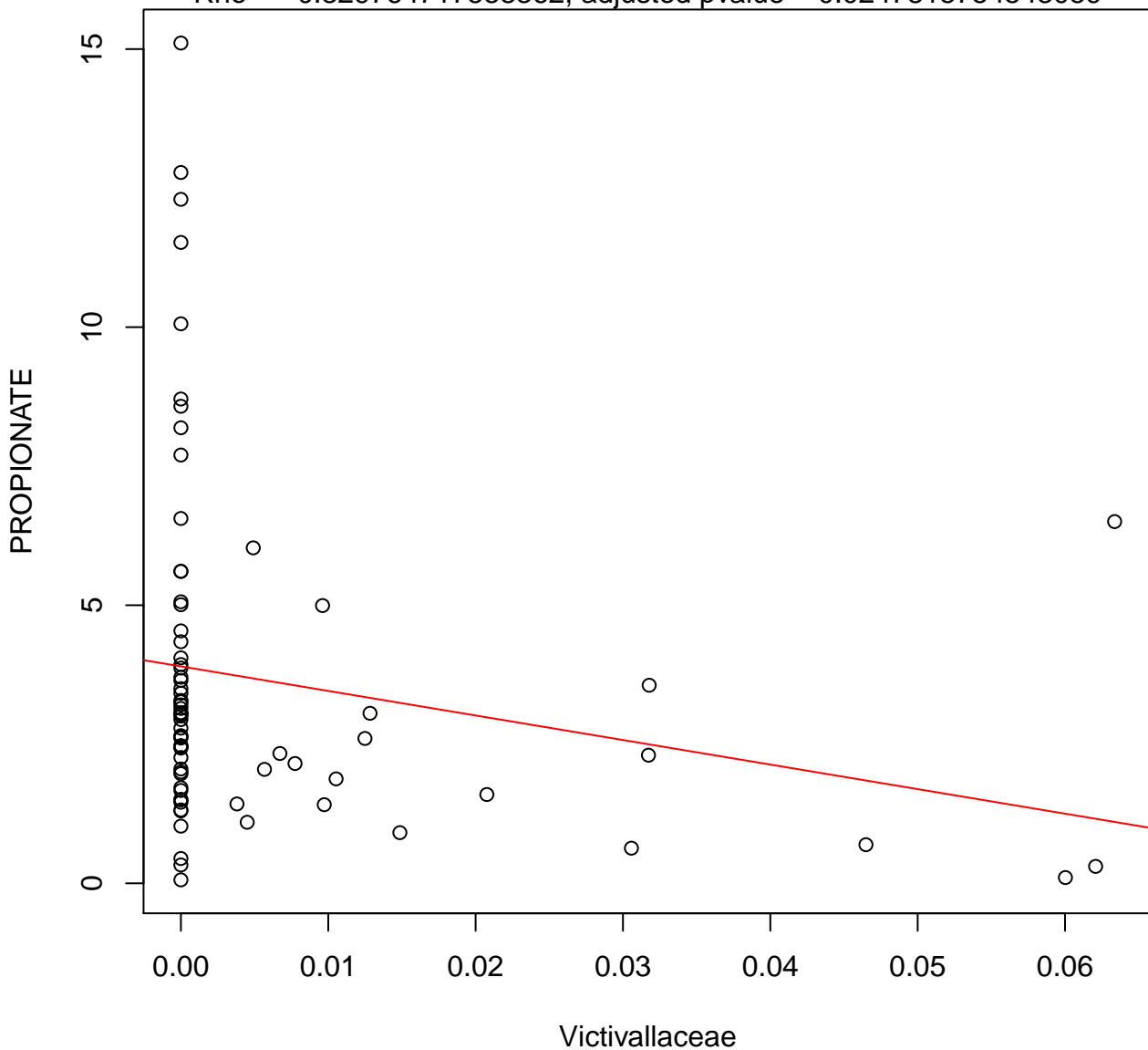
Timepoint 2 , PROPIONATE ~ [Eubacterium]

Rho = -0.322256617253269 , adjusted pvalue = 0.0270193772944065



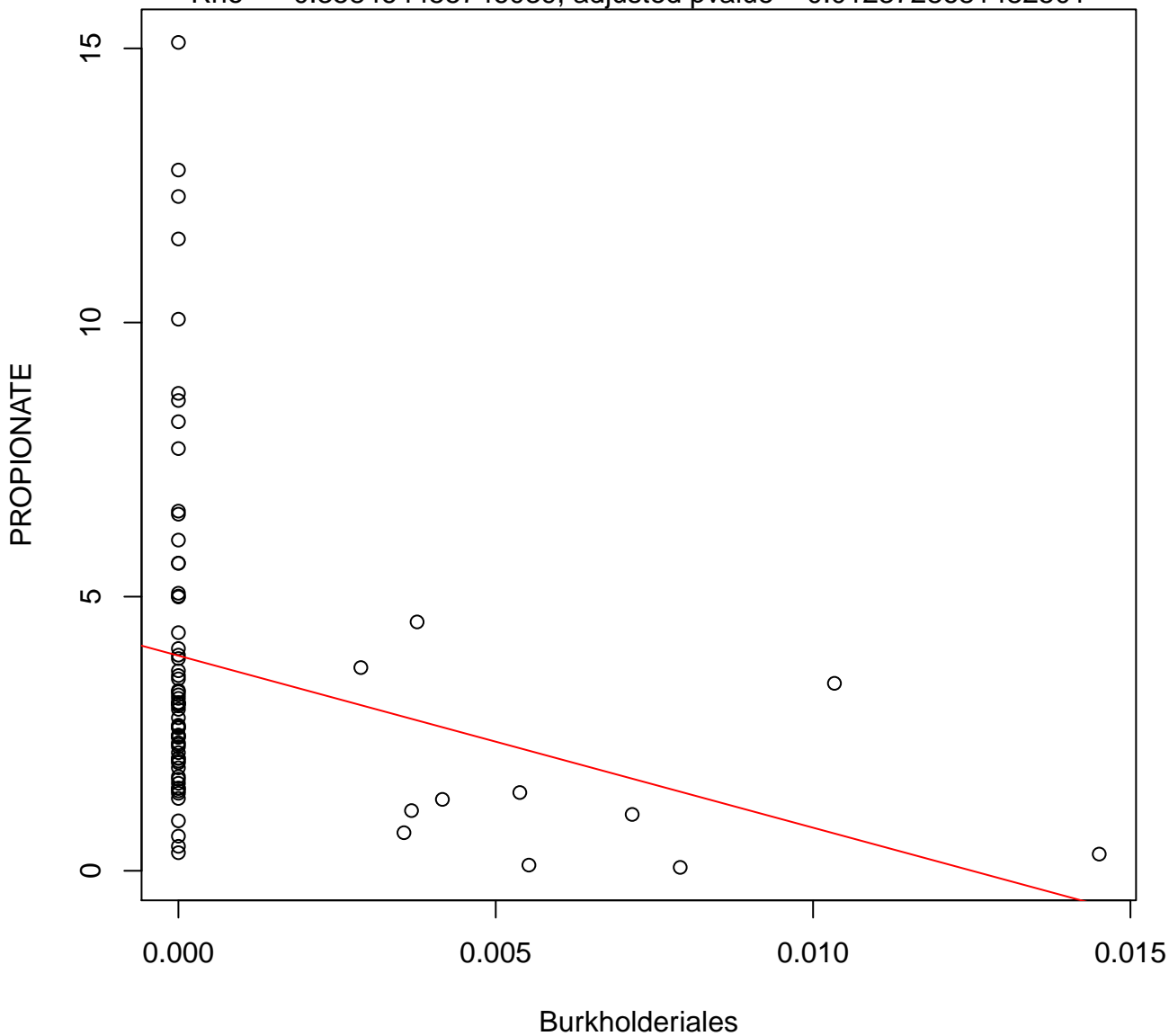
Timepoint 2 , PROPIONATE ~ Victivallaceae

Rho = -0.329764717558362 , adjusted pvalue = 0.0247815754543059



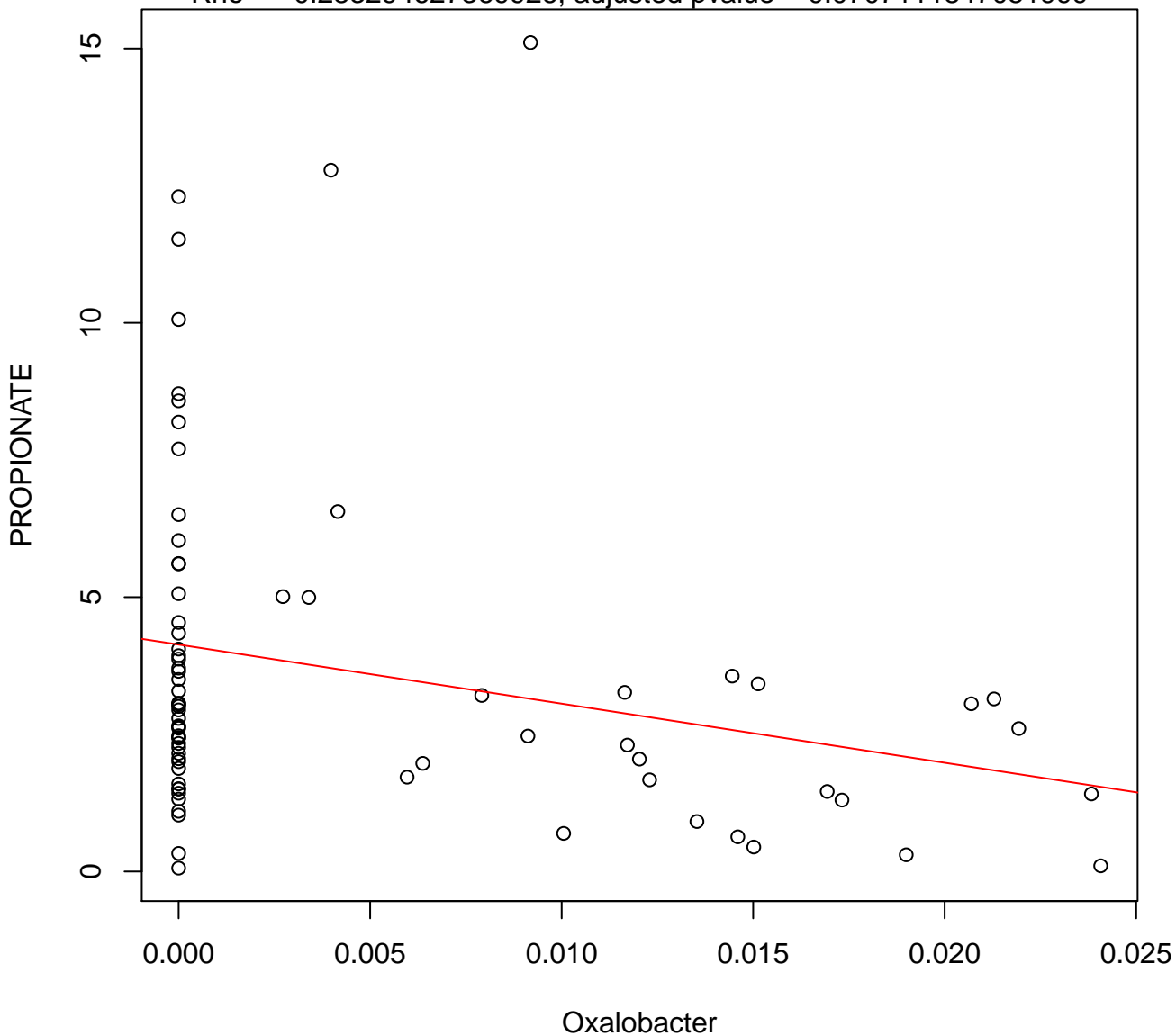
Timepoint 2 , PROPIONATE ~ Burkholderiales

Rho = -0.358464455746039 , adjusted pvalue = 0.0123728681482501



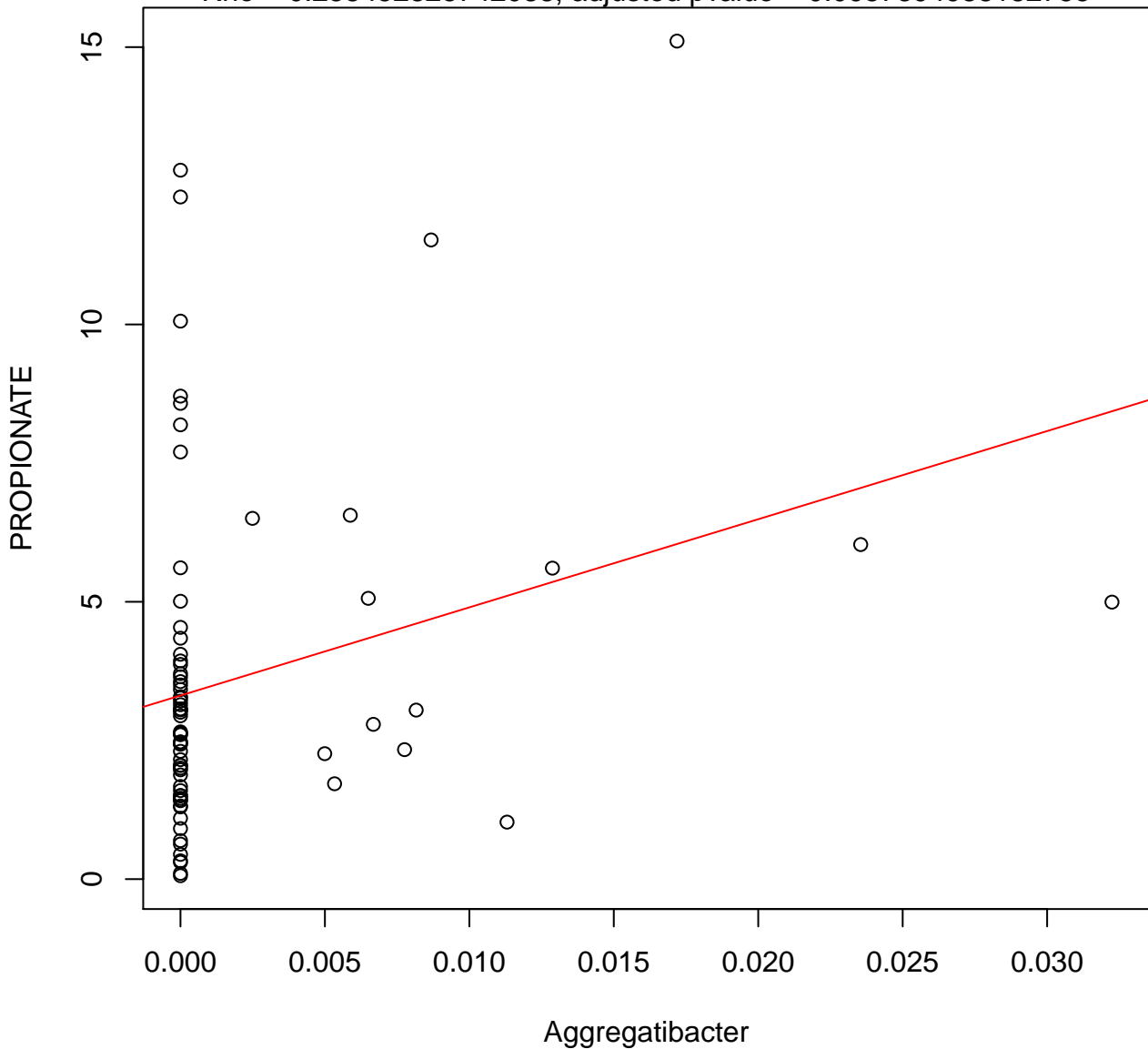
Timepoint 2 , PROPIONATE ~ Oxalobacter

Rho = -0.283294627369926 , adjusted pvalue = 0.0707111847051999



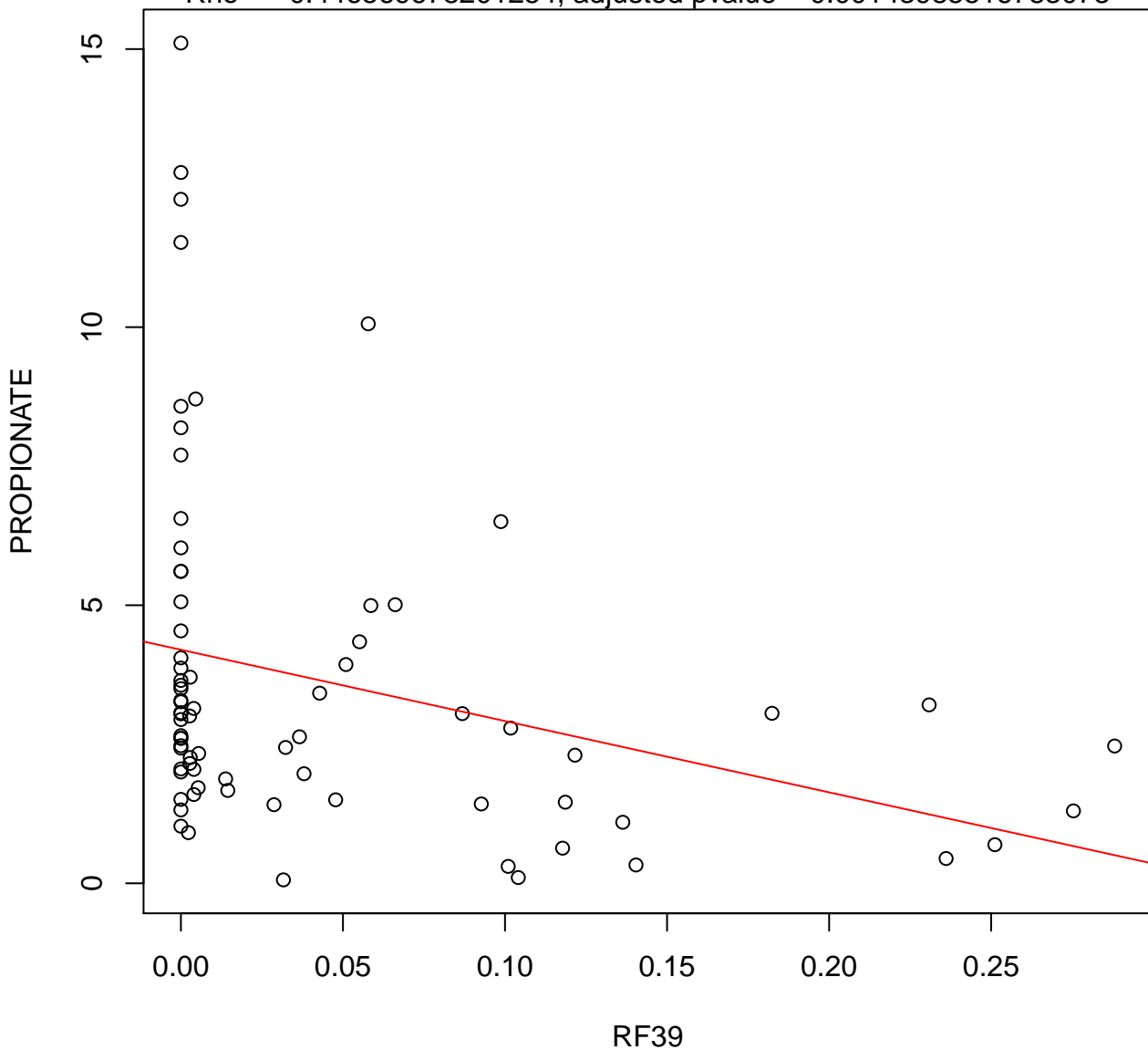
Timepoint 2 , PROPIONATE ~ Aggregatibacter

Rho = 0.258452825742088, adjusted pvalue = 0.0957894988182755



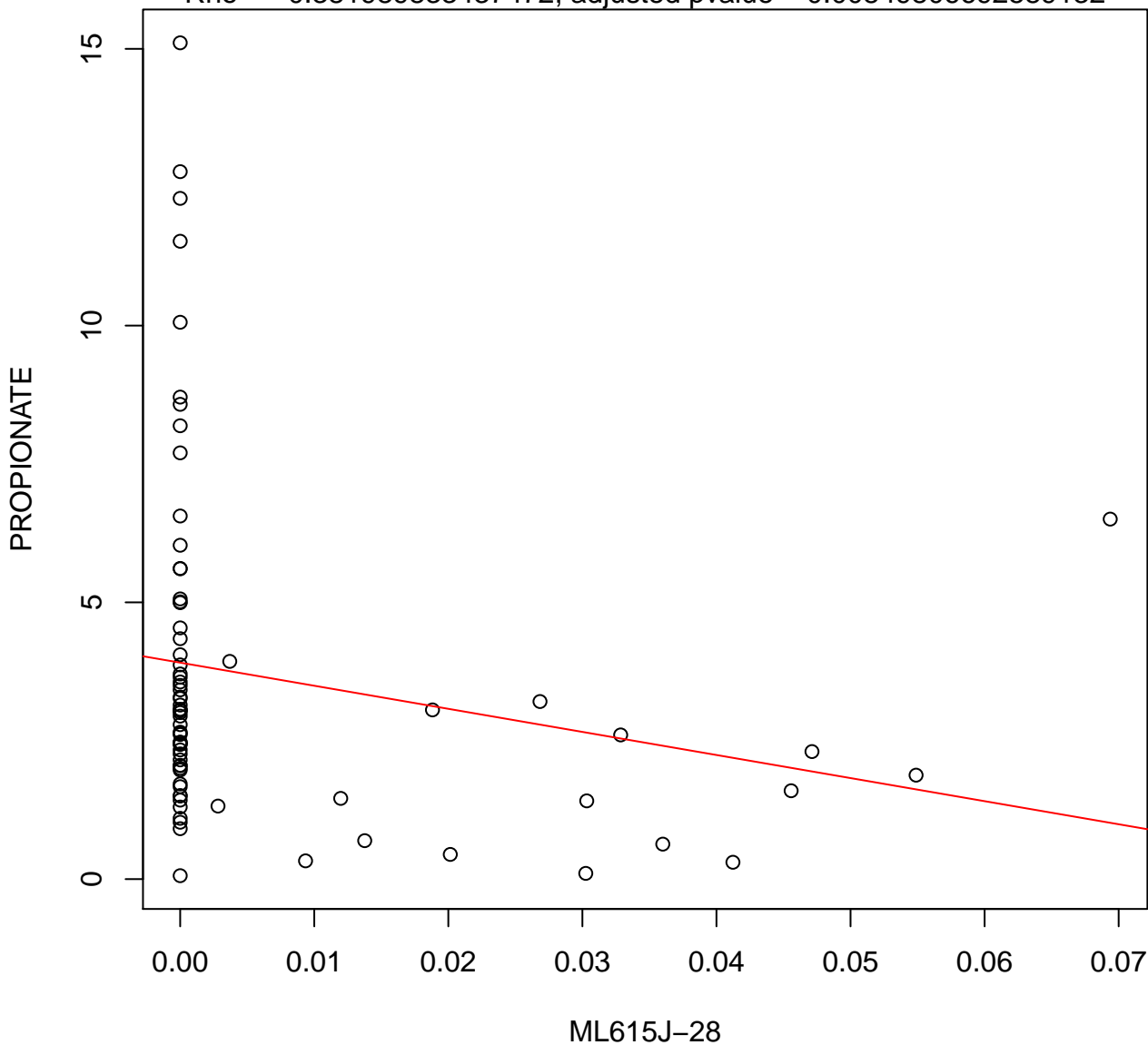
Timepoint 2 , PROPIONATE ~ RF39

Rho = -0.446569678201254 , adjusted pvalue = 0.00143985516783073



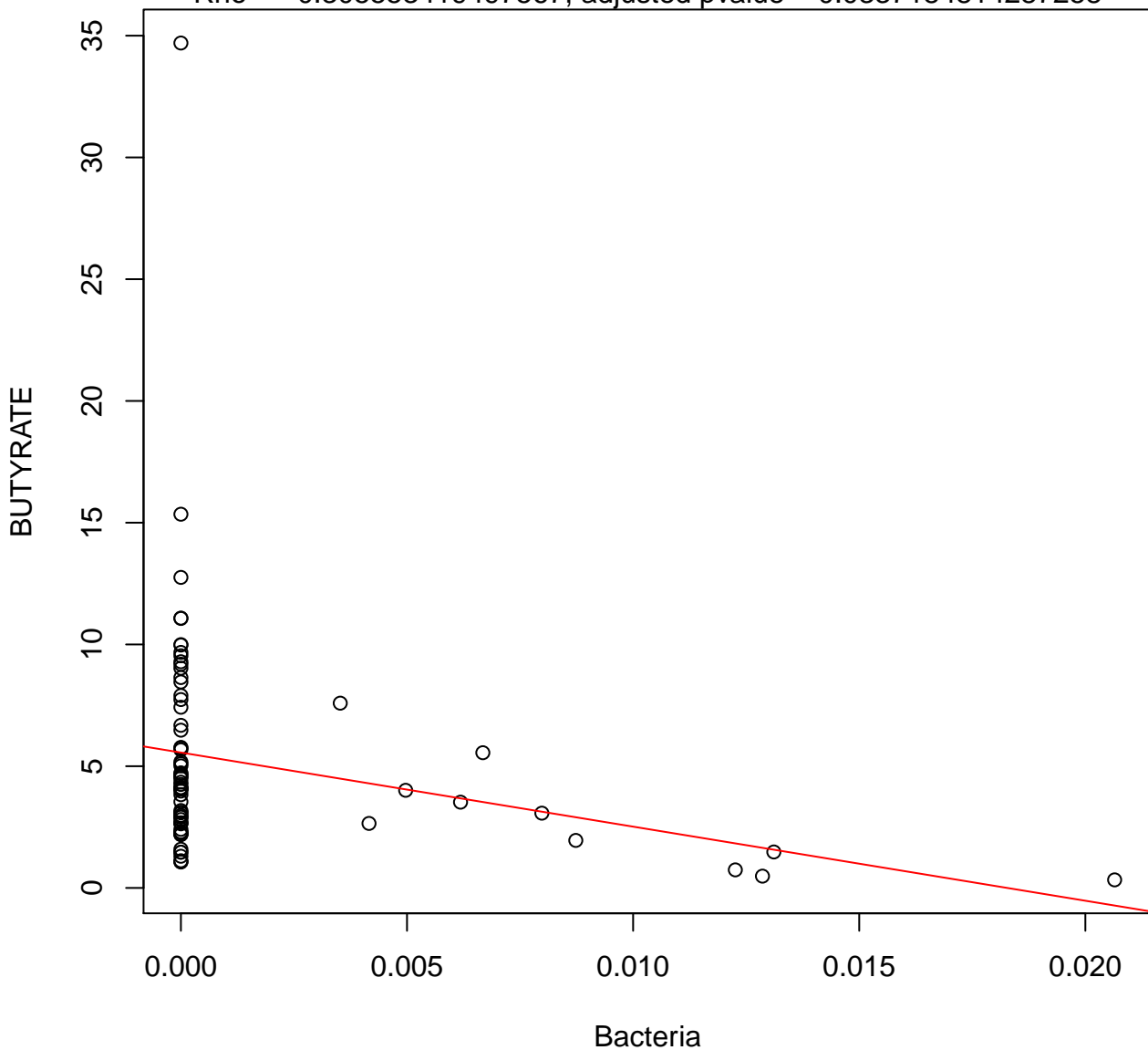
Timepoint 2 , PROPIONATE ~ ML615J-28

Rho = -0.381989833437472 , adjusted pvalue = 0.00849806692589132



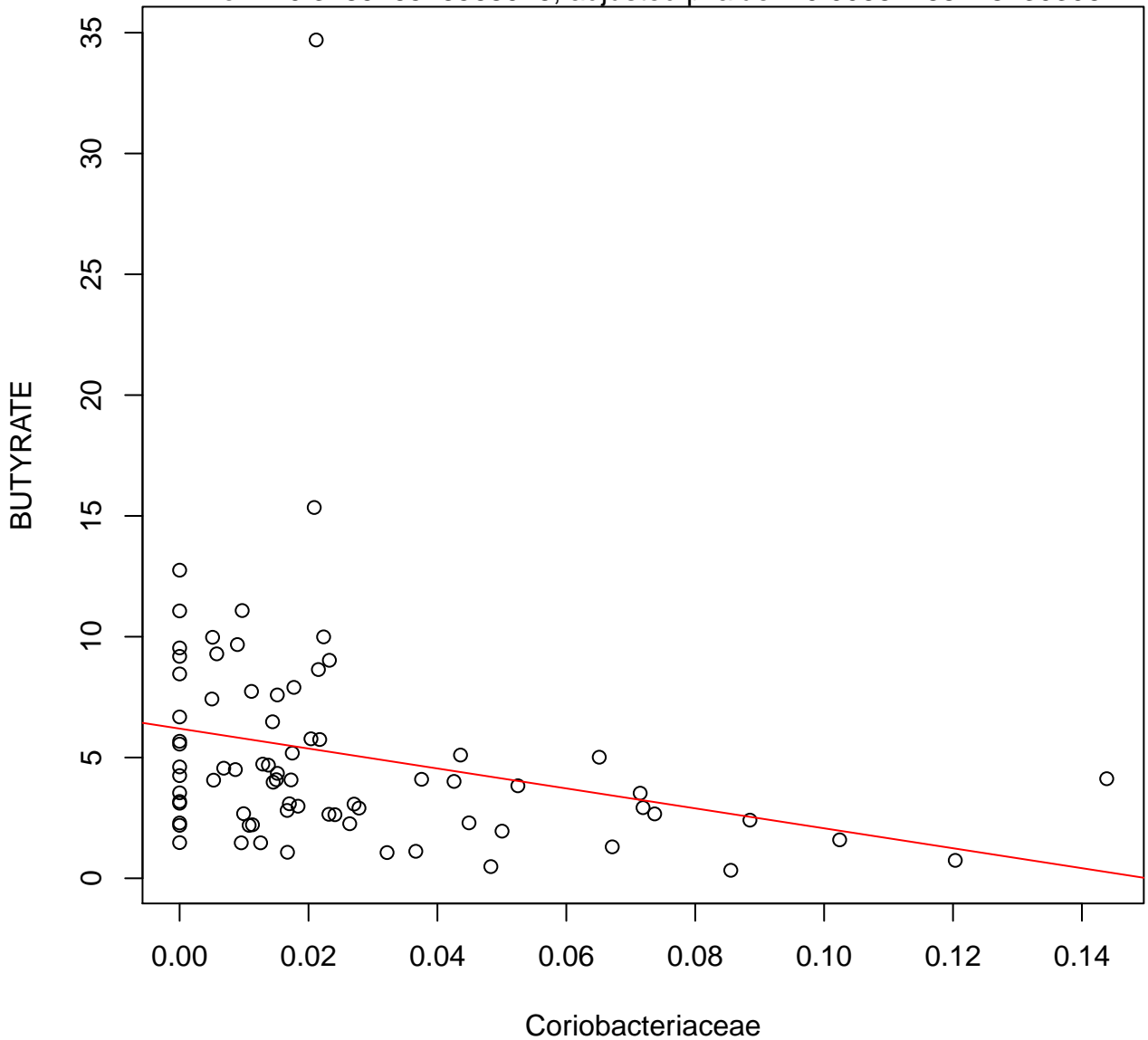
Timepoint 2 , BUTYRATE ~ Bacteria

Rho = -0.305553419497567 , adjusted pvalue = 0.0337184814287258



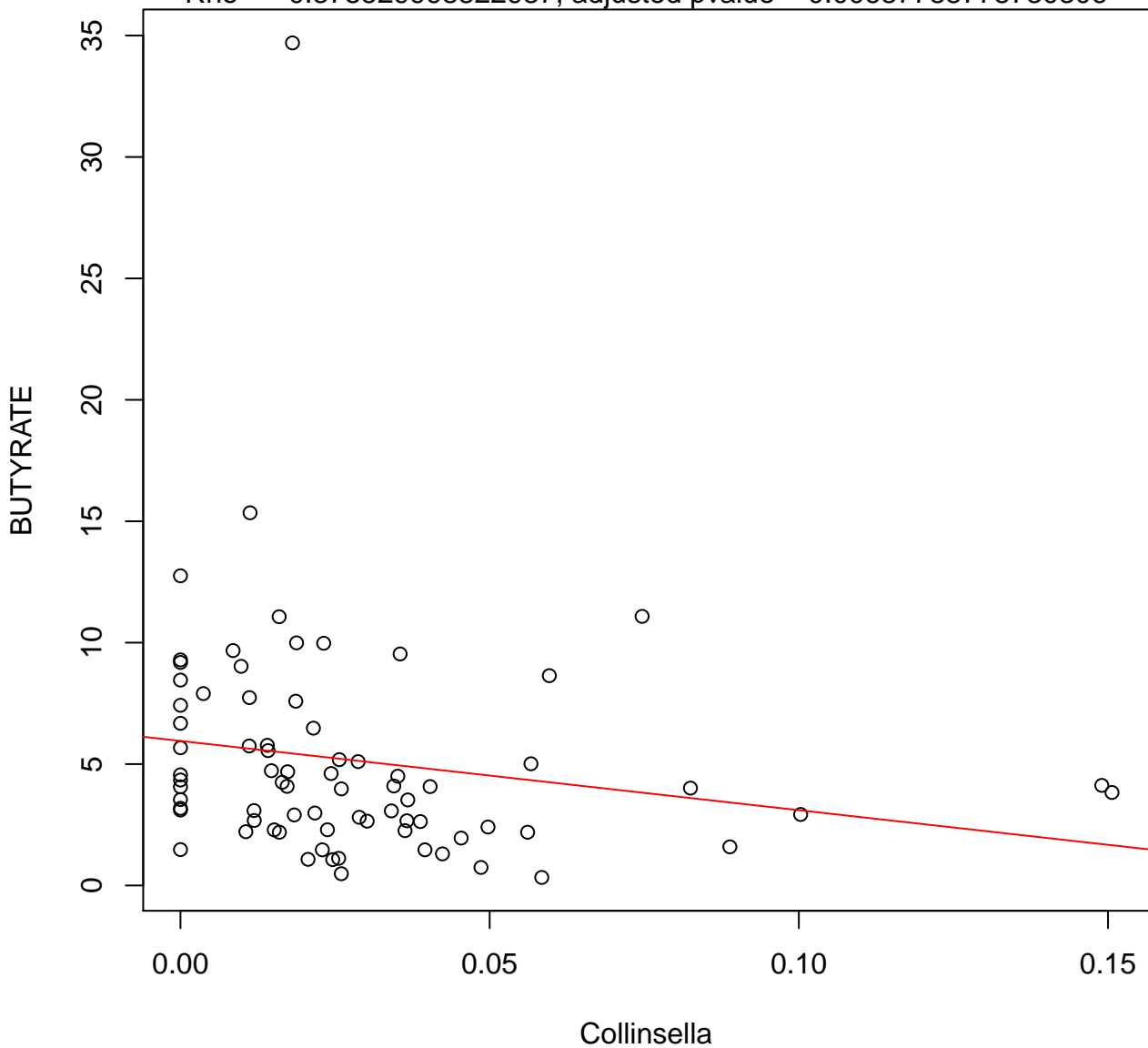
Timepoint 2 , BUTYRATE ~ Coriobacteriaceae

Rho = -0.378916546568916 , adjusted pvalue = 0.00687788778730306



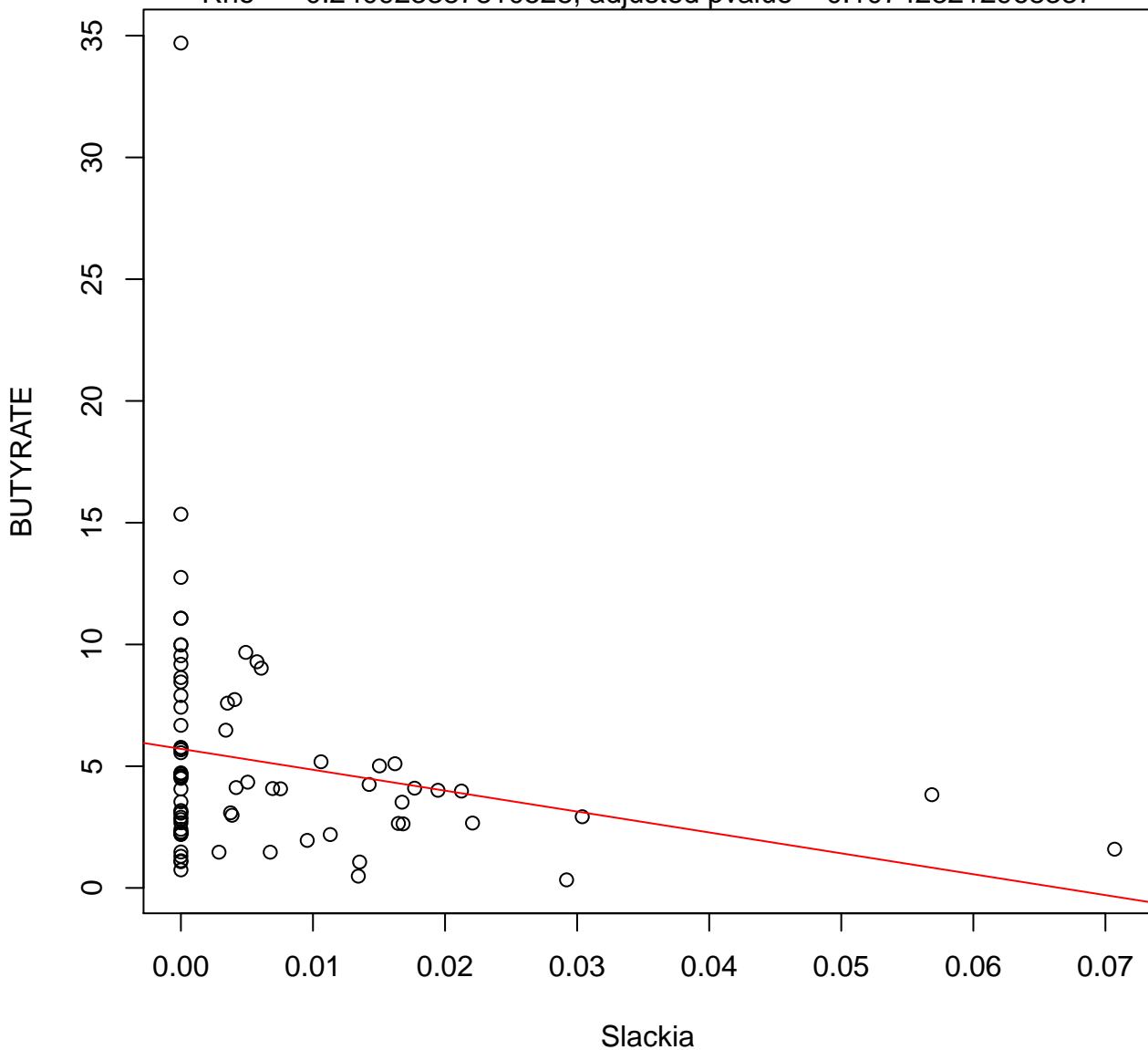
Timepoint 2 , BUTYRATE ~ Collinsella

Rho = -0.375529998822937 , adjusted pvalue = 0.00687788778730306



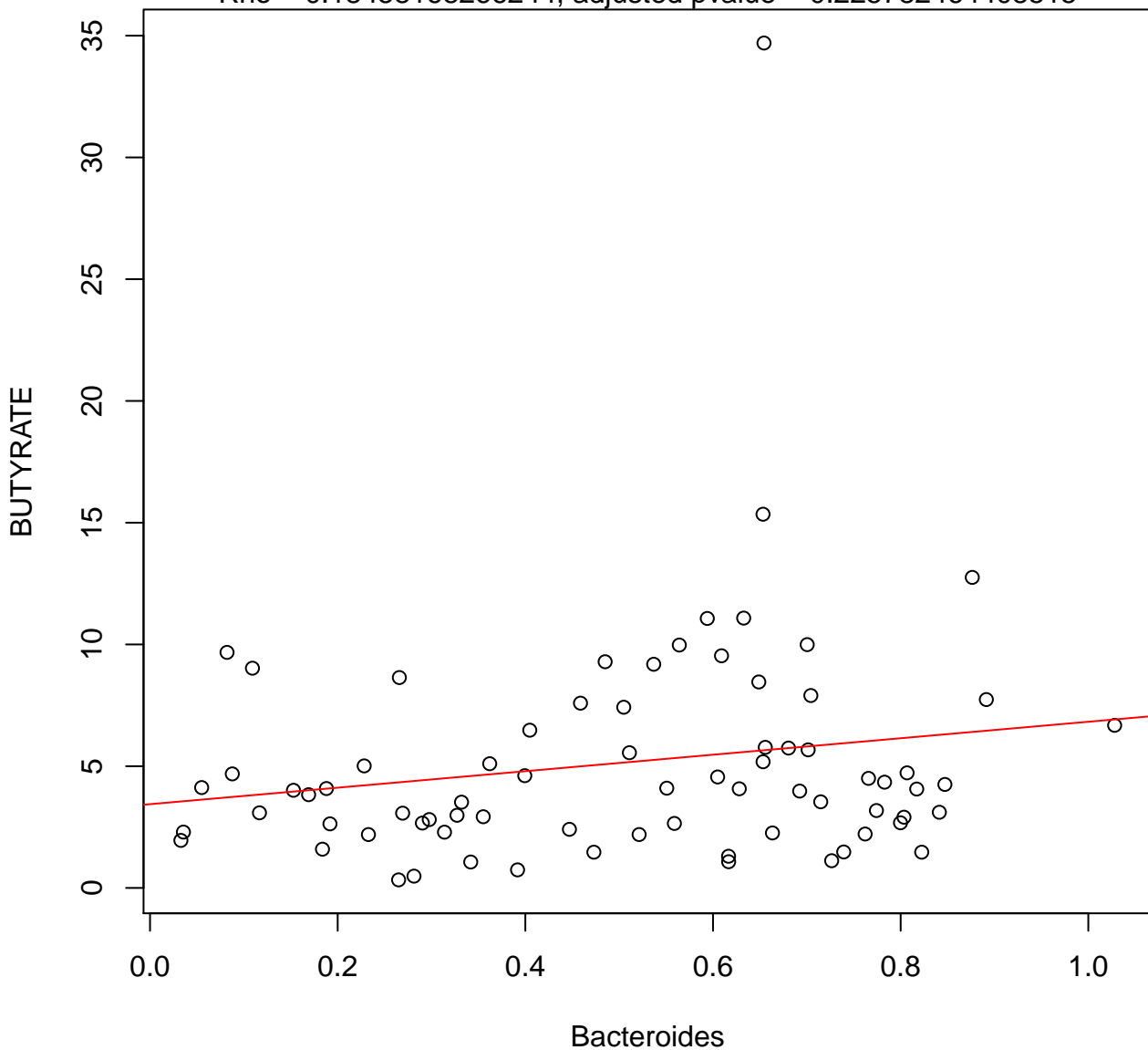
Timepoint 2 , BUTYRATE ~ Slackia

Rho = -0.240923387810528 , adjusted pvalue = 0.107423212968337



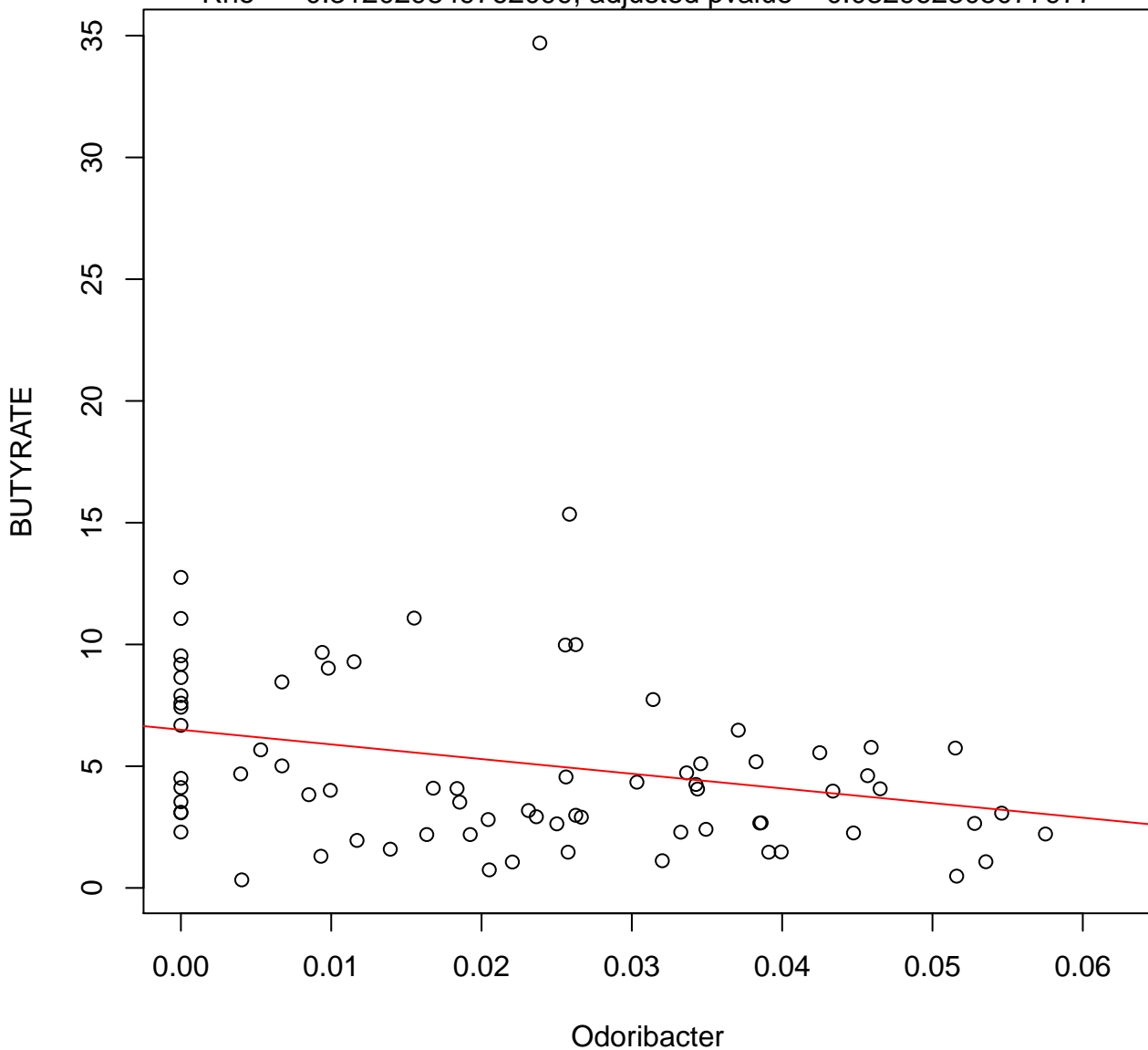
Timepoint 2 , BUTYRATE ~ Bacteroides

Rho = 0.18458168266244, adjusted pvalue = 0.225782464408515



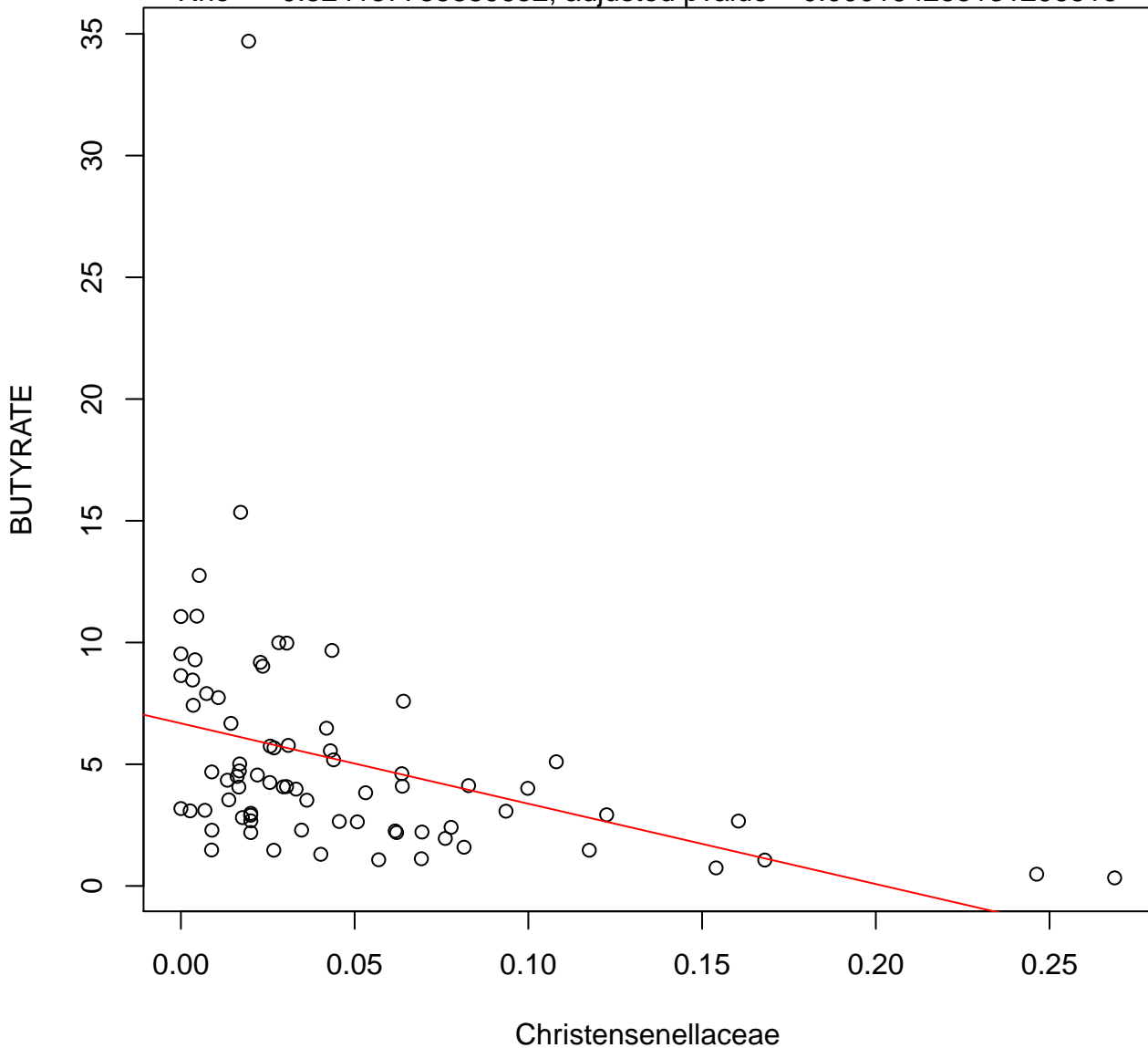
Timepoint 2 , BUTYRATE ~ Odoribacter

Rho = -0.312029849762099 , adjusted pvalue = 0.032962305077977



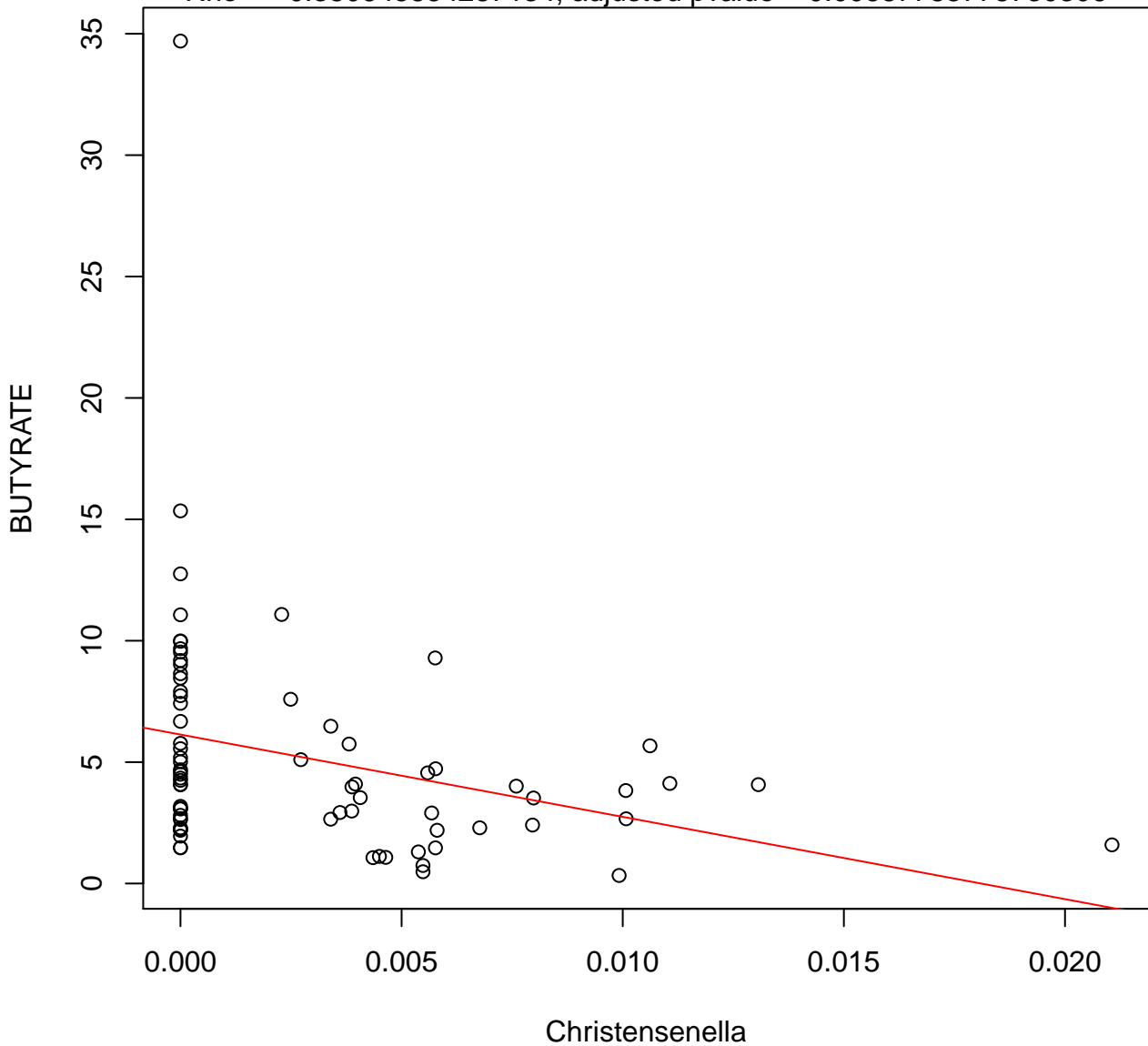
Timepoint 2 , BUTYRATE ~ Christensenellaceae

Rho = -0.524137735889652 , adjusted pvalue = 0.000164255131296516



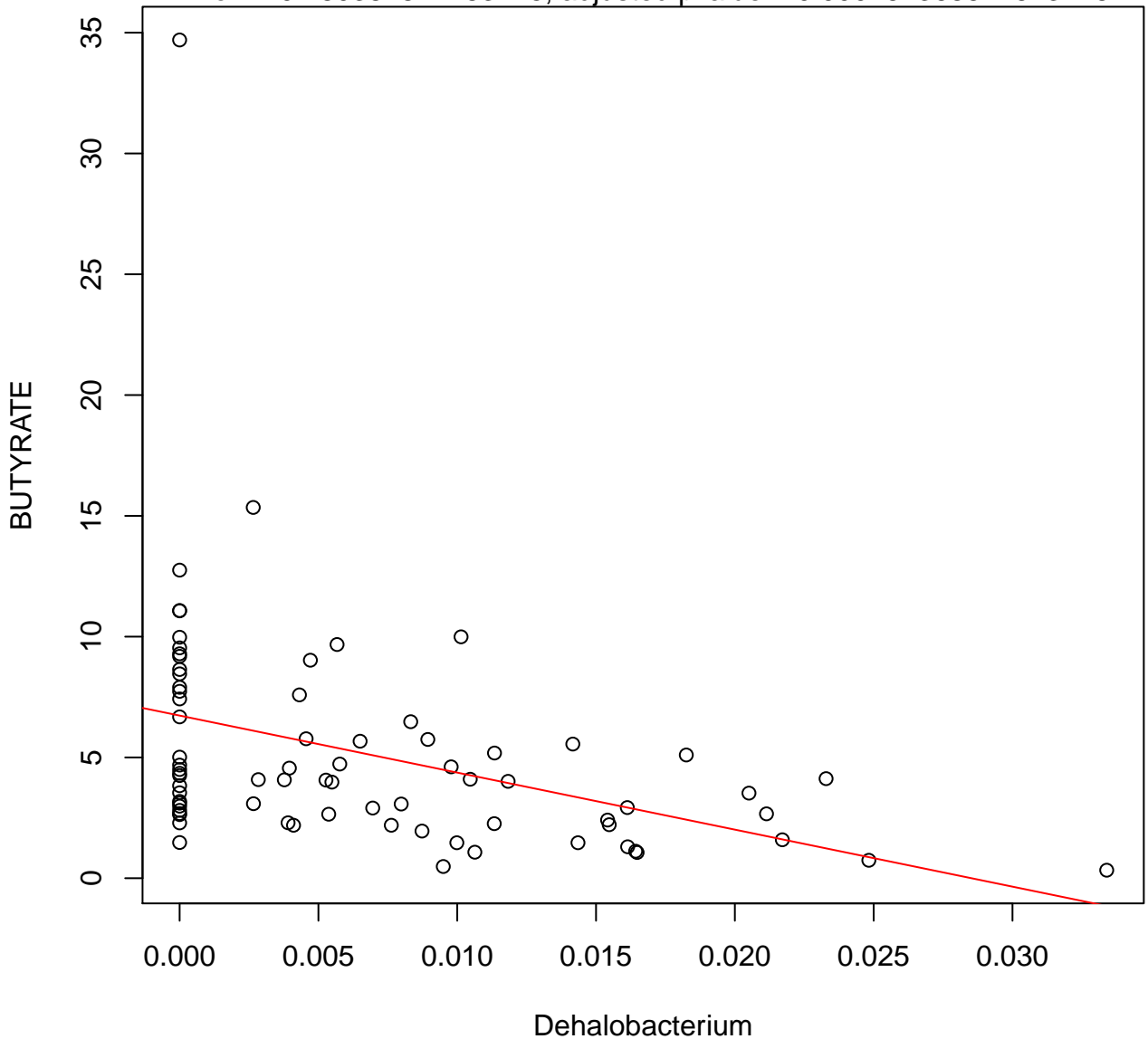
Timepoint 2 , BUTYRATE ~ Christensenella

Rho = -0.380645854287134 , adjusted pvalue = 0.00687788778730306



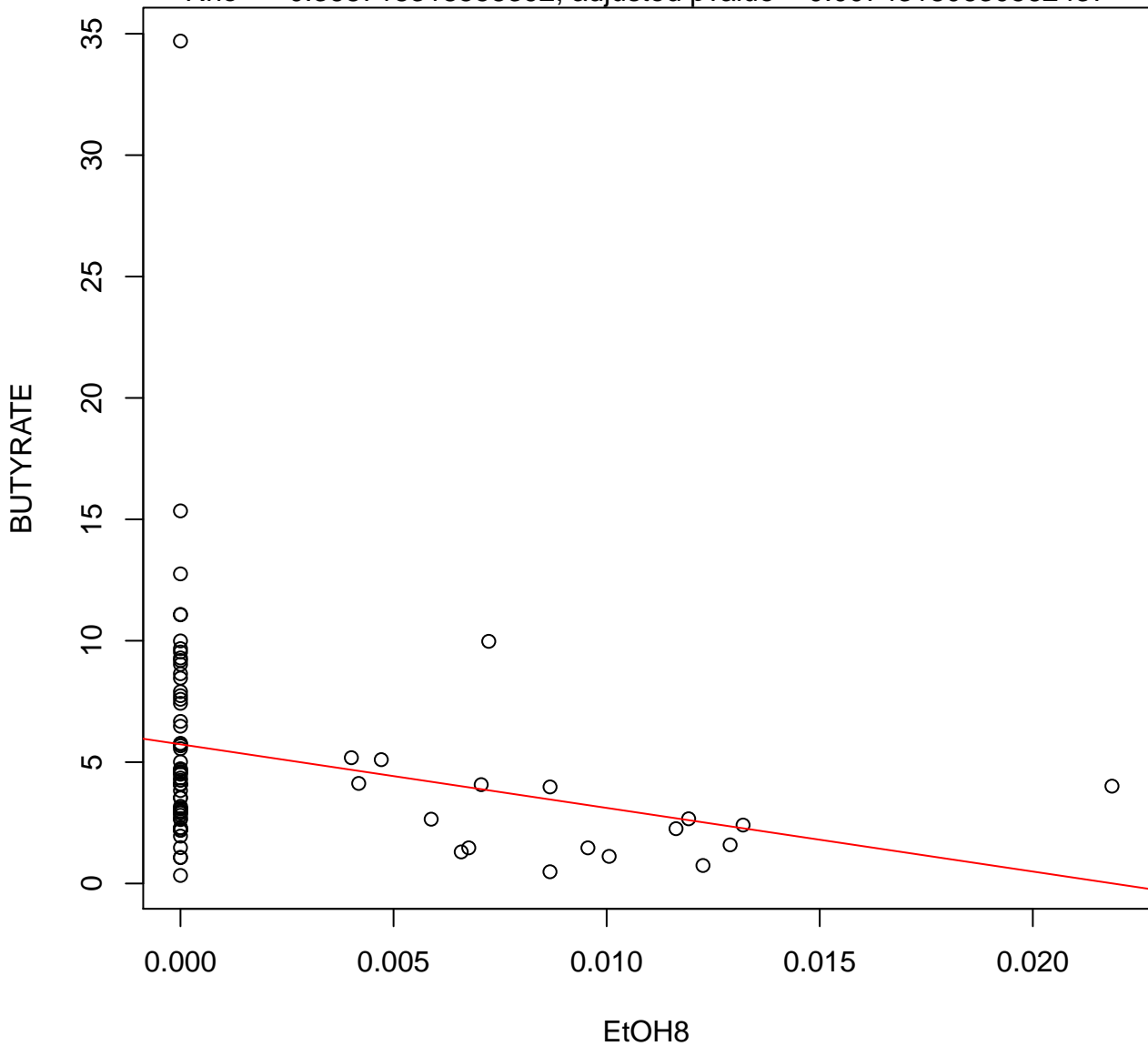
Timepoint 2 , BUTYRATE ~ Dehalobacterium

Rho = -0.480382814483725 , adjusted pvalue = 0.000761368647643748



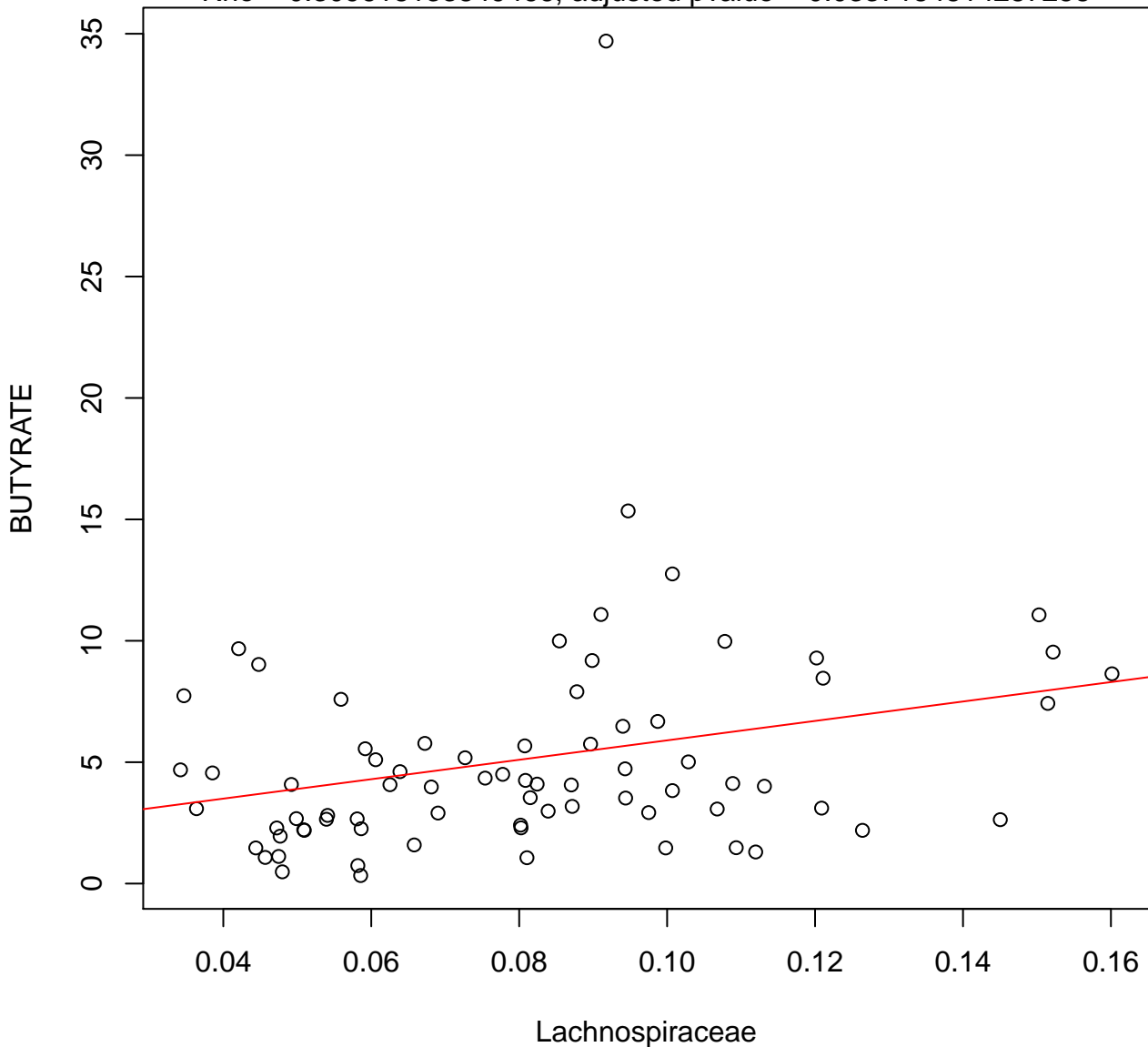
Timepoint 2 , BUTYRATE ~ EtOH8

Rho = -0.368718318558392 , adjusted pvalue = 0.00743180630562437



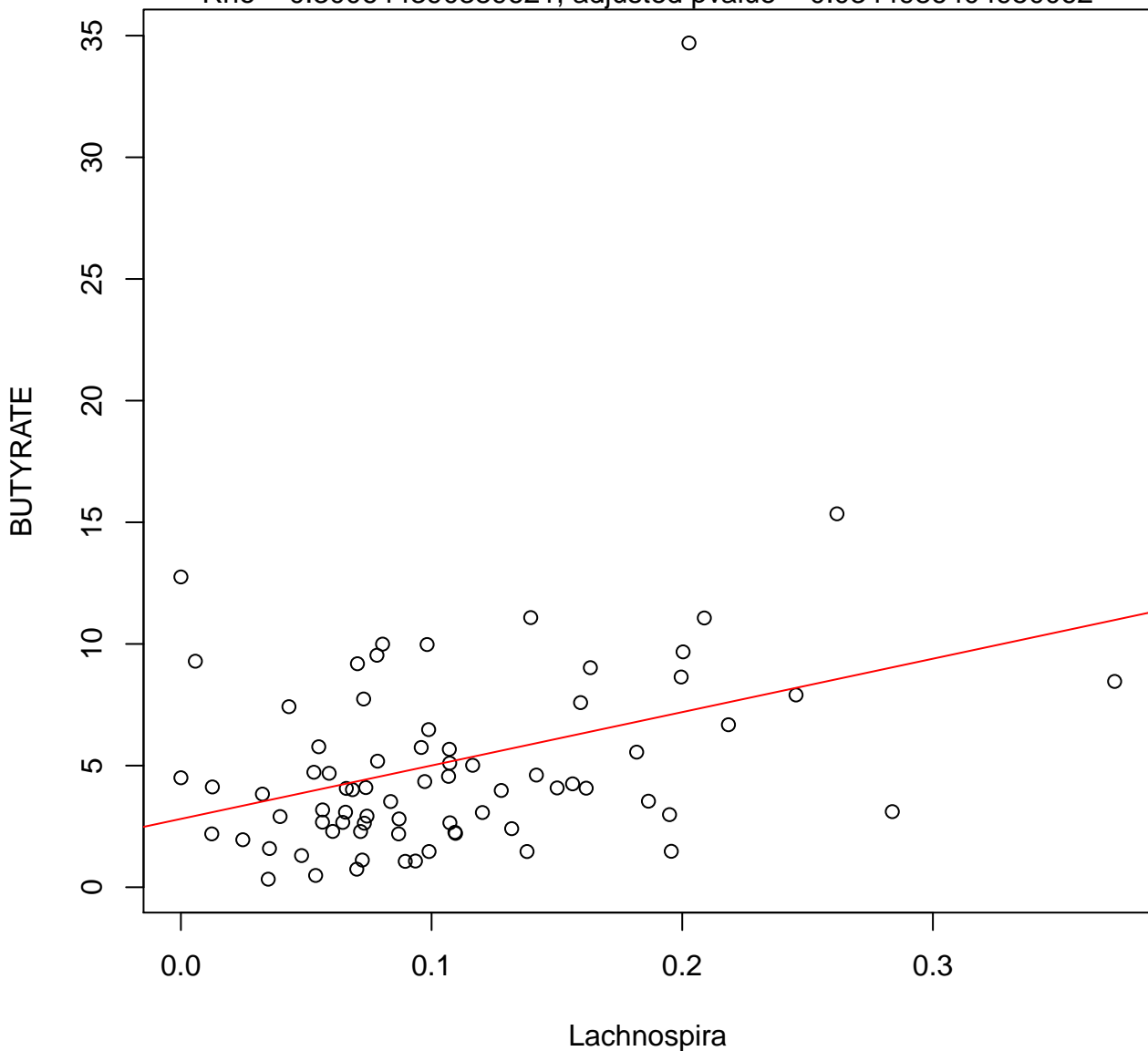
Timepoint 2 , BUTYRATE ~ Lachnospiraceae

Rho = 0.309618133849466, adjusted pvalue = 0.0337184814287258



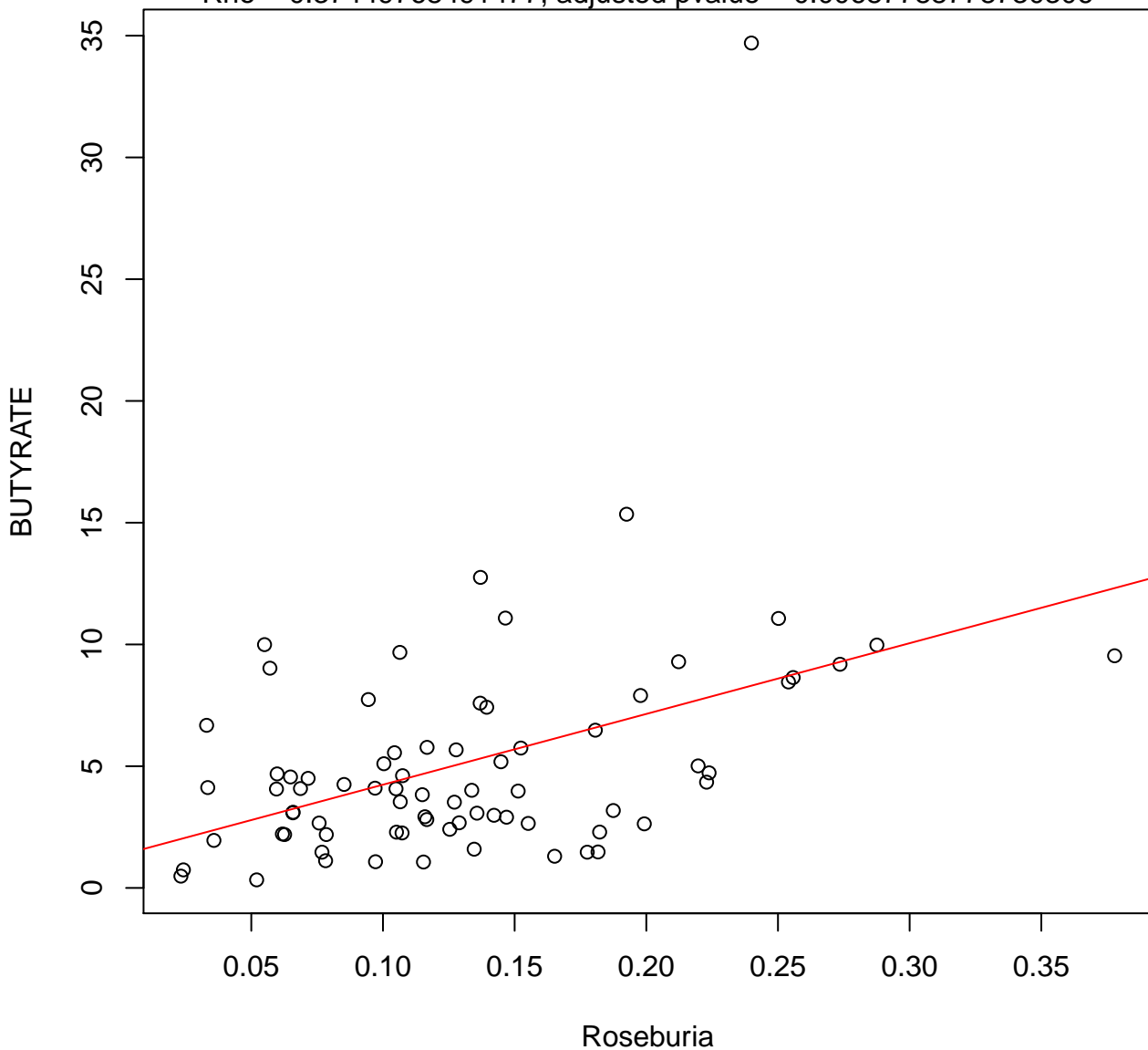
Timepoint 2 , BUTYRATE ~ Lachnospira

Rho = 0.300644390389621, adjusted pvalue = 0.0344986404950062



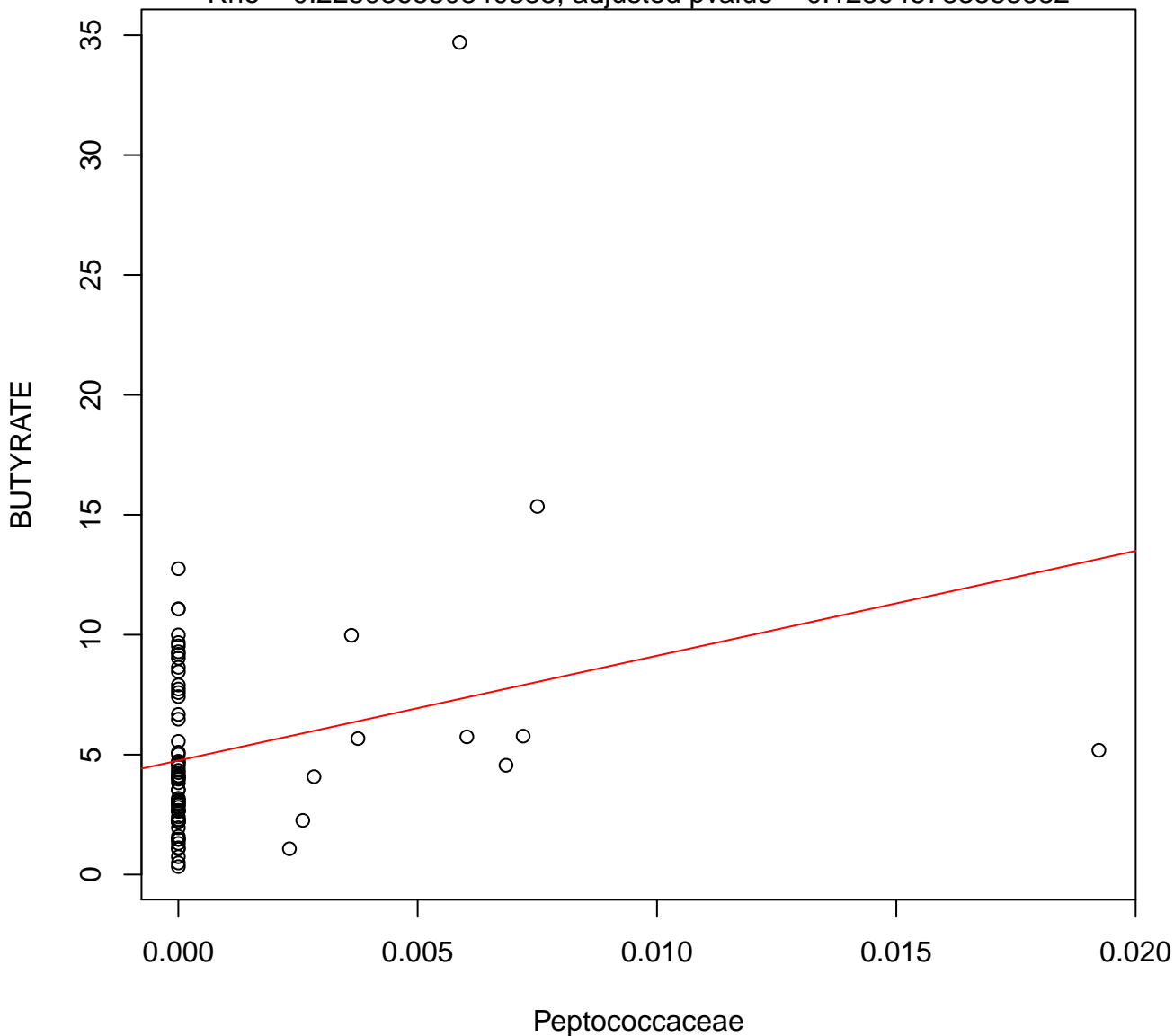
Timepoint 2 , BUTYRATE ~ Roseburia

Rho = 0.37449768491477, adjusted pvalue = 0.00687788778730306



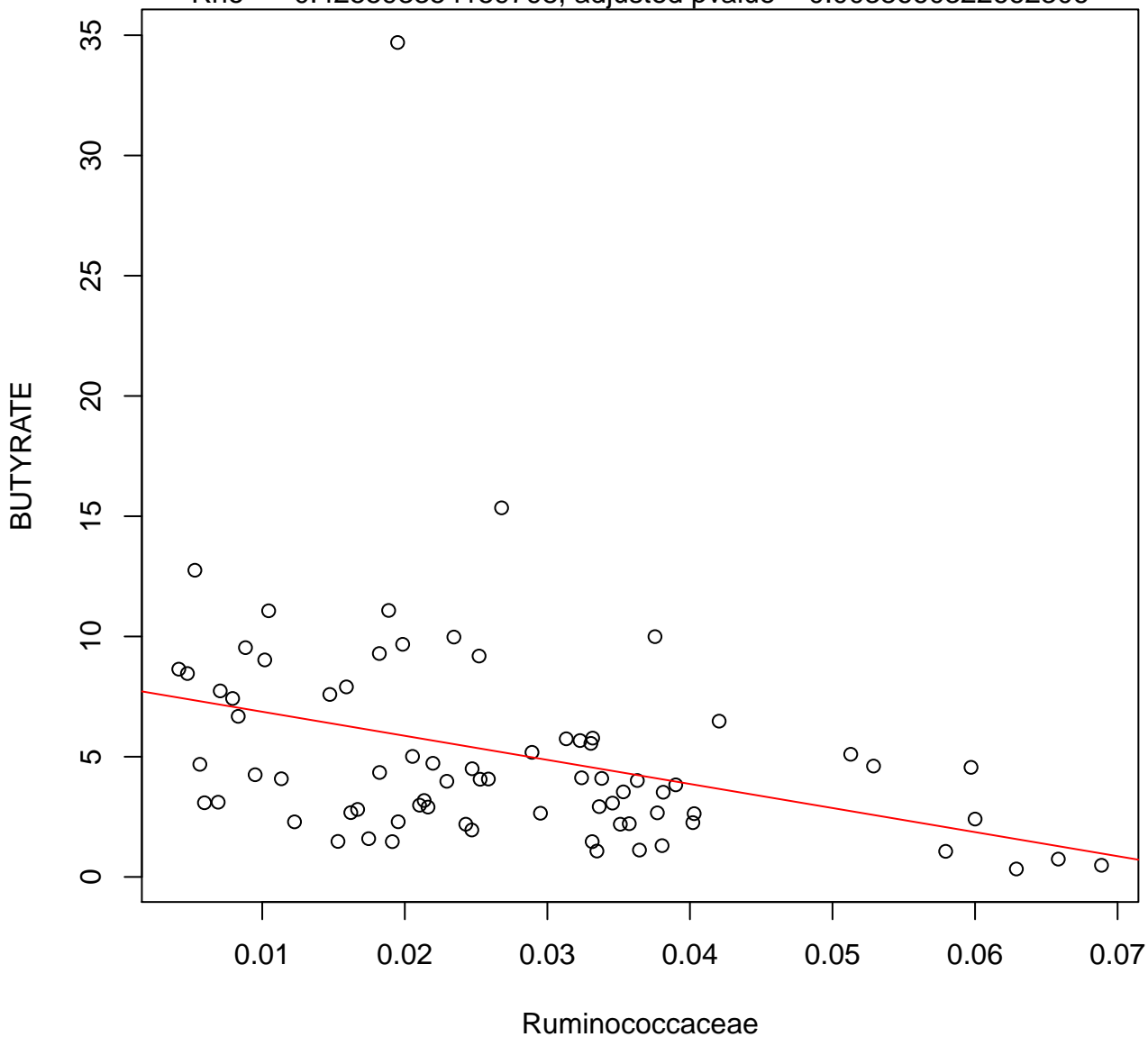
Timepoint 2 , BUTYRATE ~ Peptococcaceae

Rho = 0.225986550840385, adjusted pvalue = 0.125945783858682



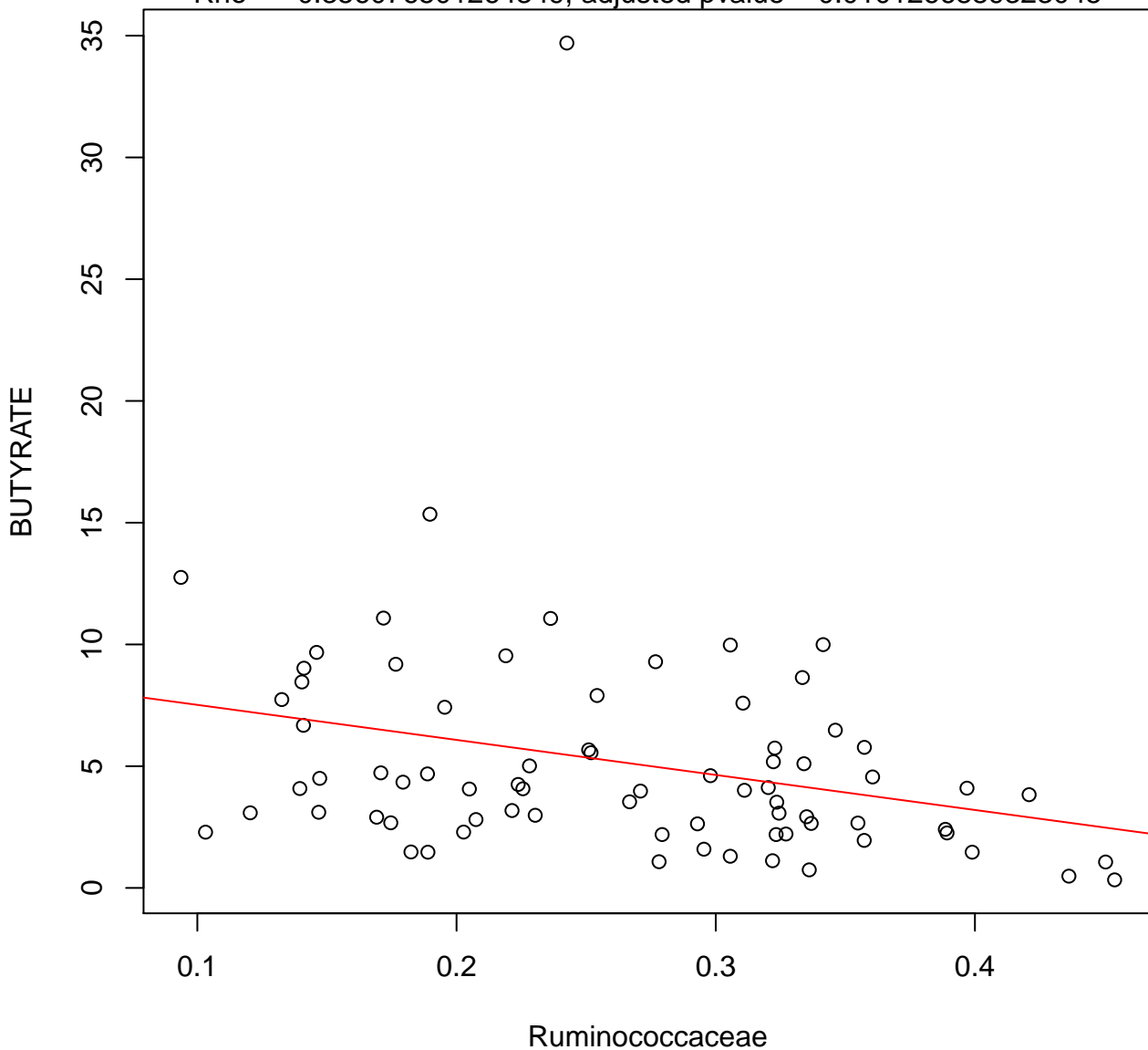
Timepoint 2 , BUTYRATE ~ Ruminococcaceae

Rho = -0.425593354159798 , adjusted pvalue = 0.0038660322662306



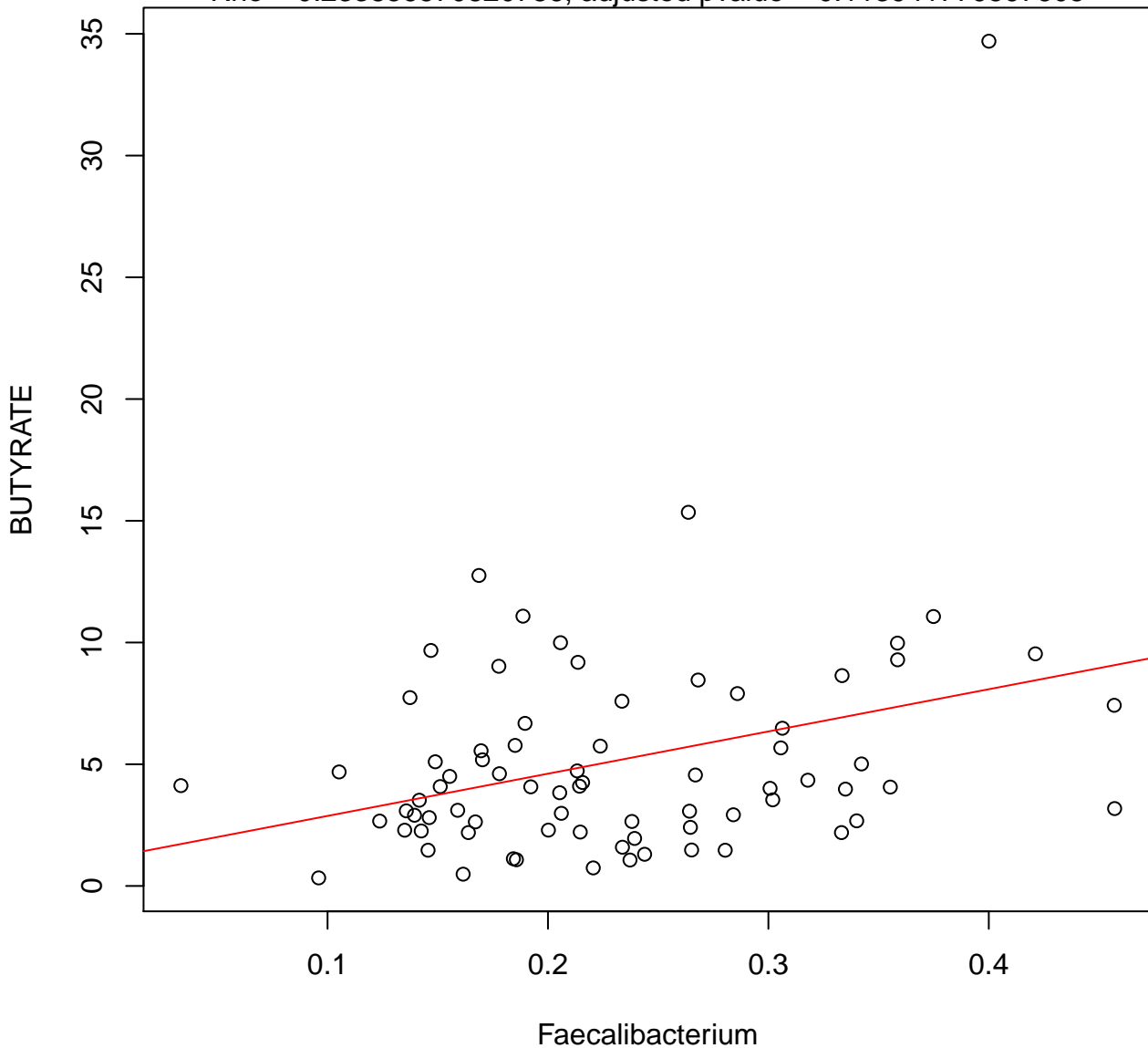
Timepoint 2 , BUTYRATE ~ Ruminococcaceae

Rho = -0.356076501264349 , adjusted pvalue = 0.0101266889323045



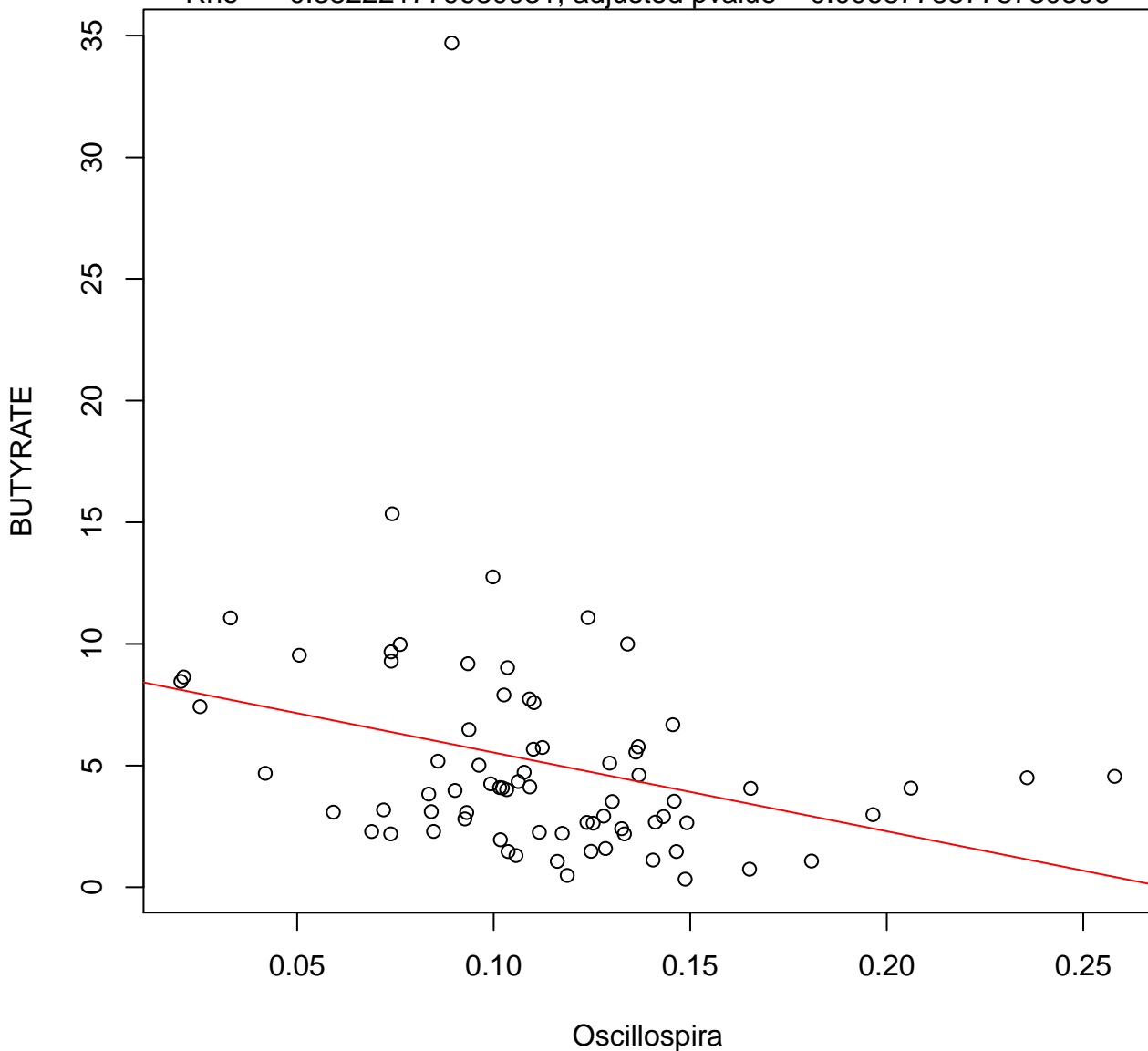
Timepoint 2 , BUTYRATE ~ Faecalibacterium

Rho = 0.233856570820786, adjusted pvalue = 0.113941779597605



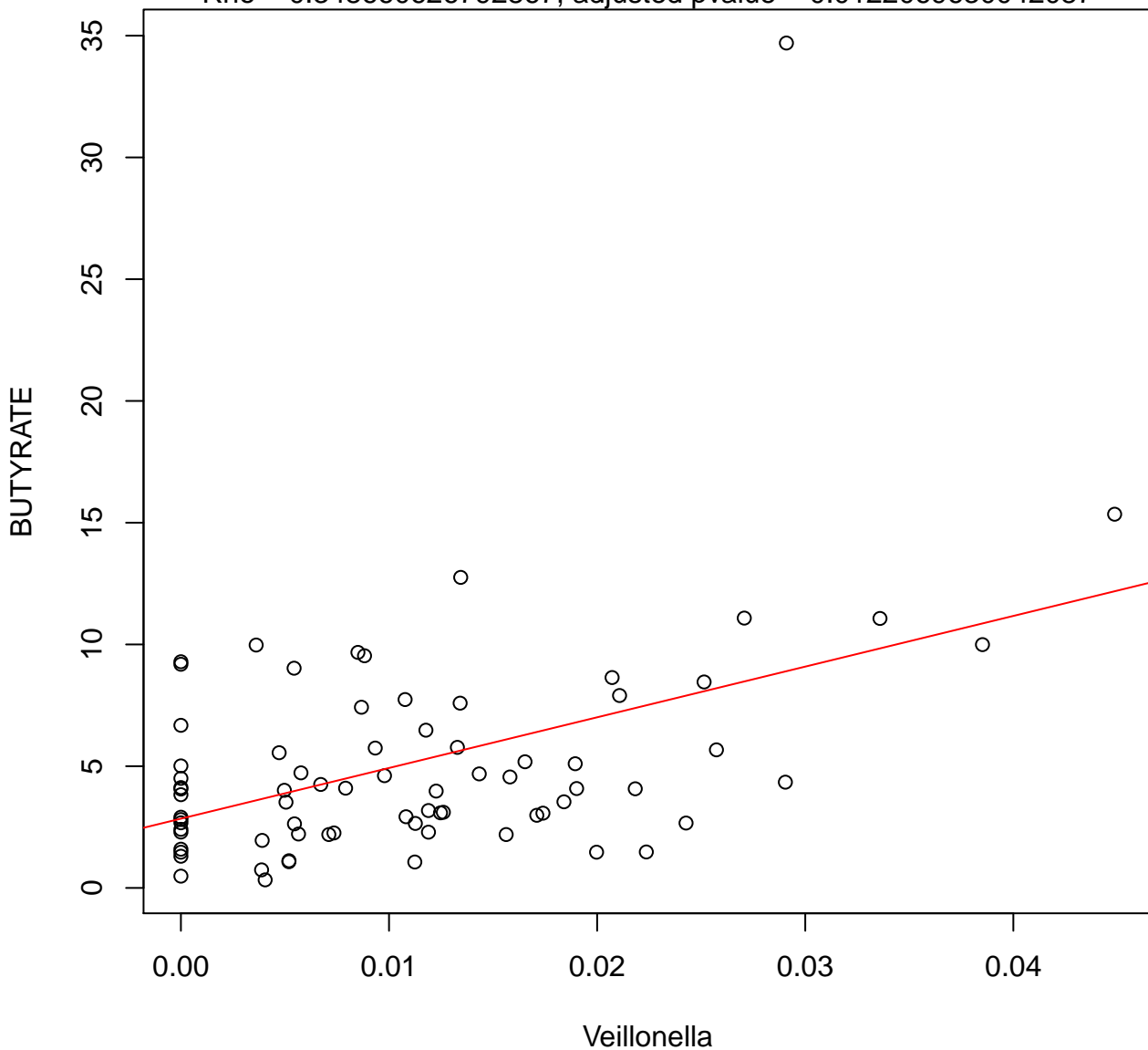
Timepoint 2 , BUTYRATE ~ Oscillospira

Rho = -0.382221779680931 , adjusted pvalue = 0.00687788778730306



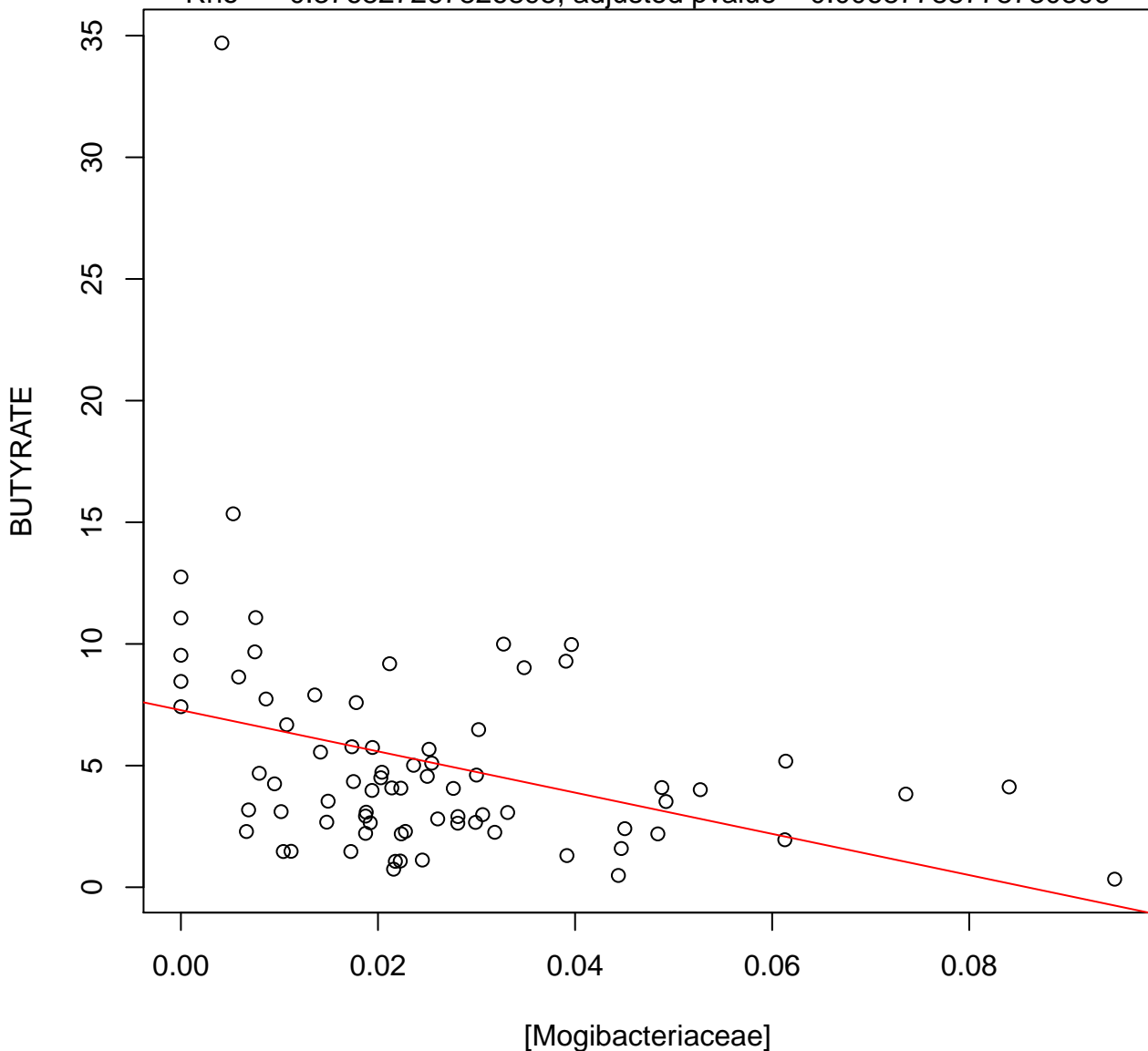
Timepoint 2 , BUTYRATE ~ Veillonella

Rho = 0.348660626792867, adjusted pvalue = 0.0122069630042087



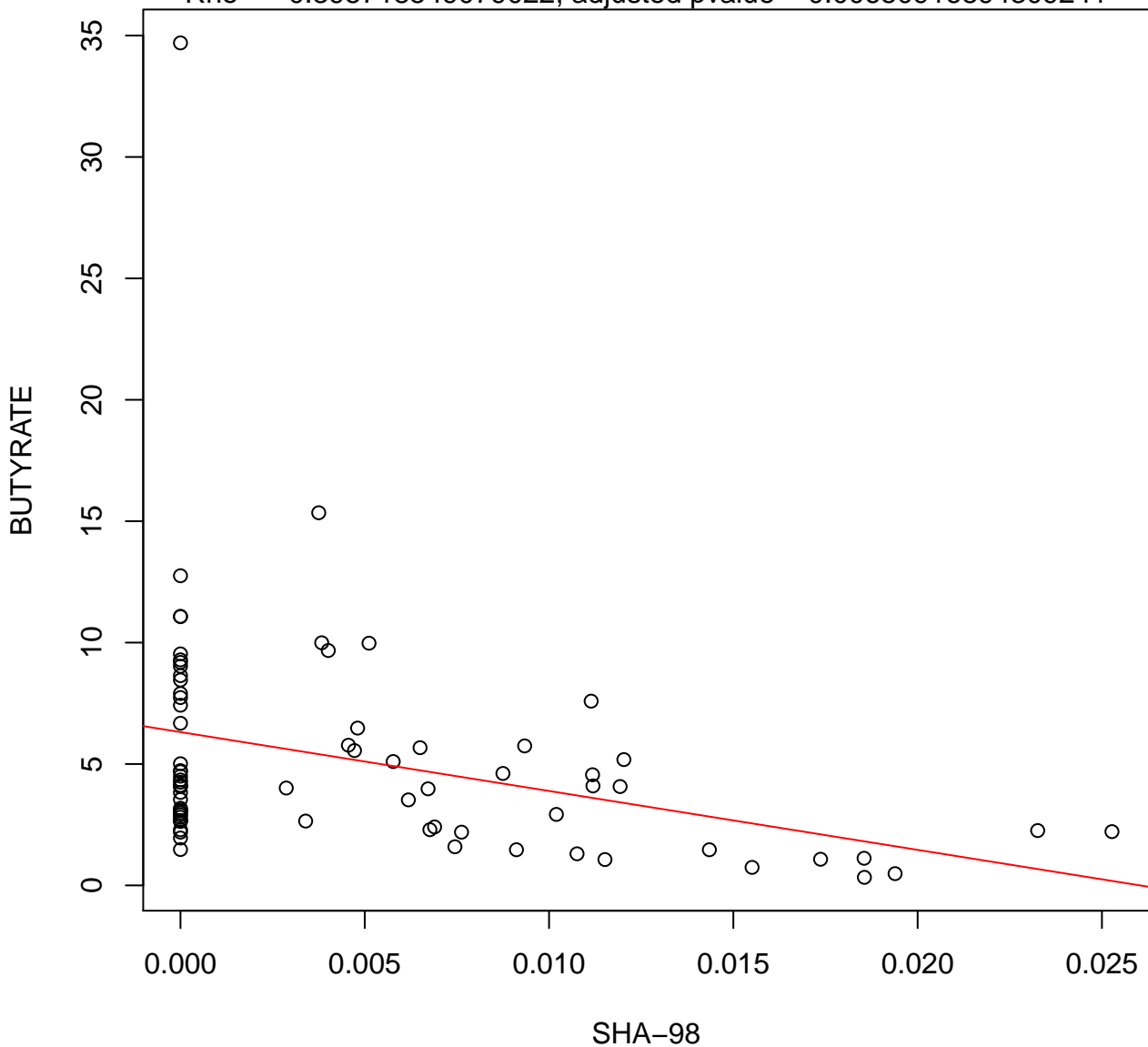
Timepoint 2 , BUTYRATE ~ [Mogibacteriaceae]

Rho = -0.376827267826895 , adjusted pvalue = 0.00687788778730306



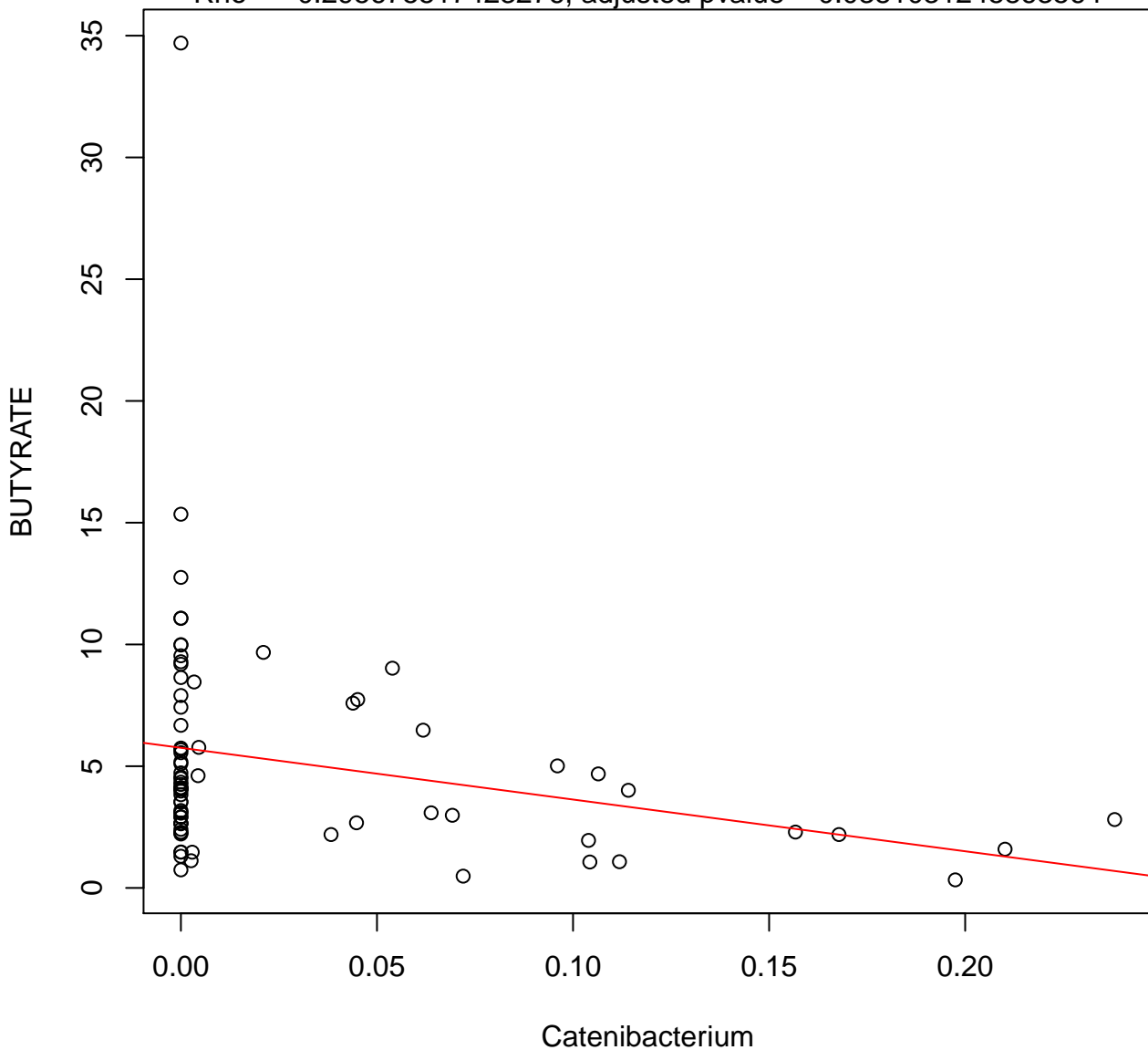
Timepoint 2 , BUTYRATE ~ SHA-98

Rho = -0.395718549079022 , adjusted pvalue = 0.00650916894309241



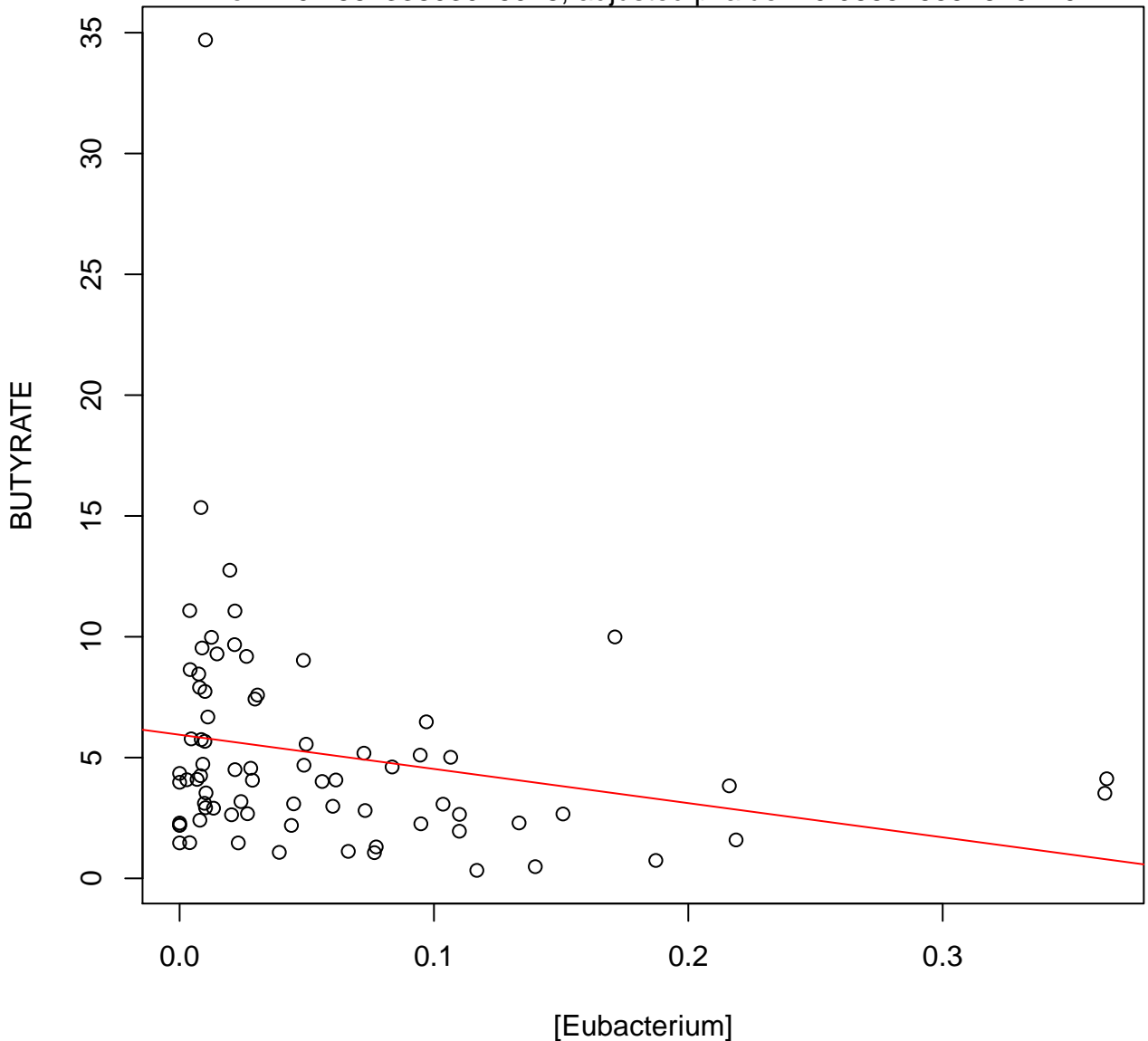
Timepoint 2 , BUTYRATE ~ Catenibacterium

Rho = -0.295675517423276 , adjusted pvalue = 0.0381031245863564



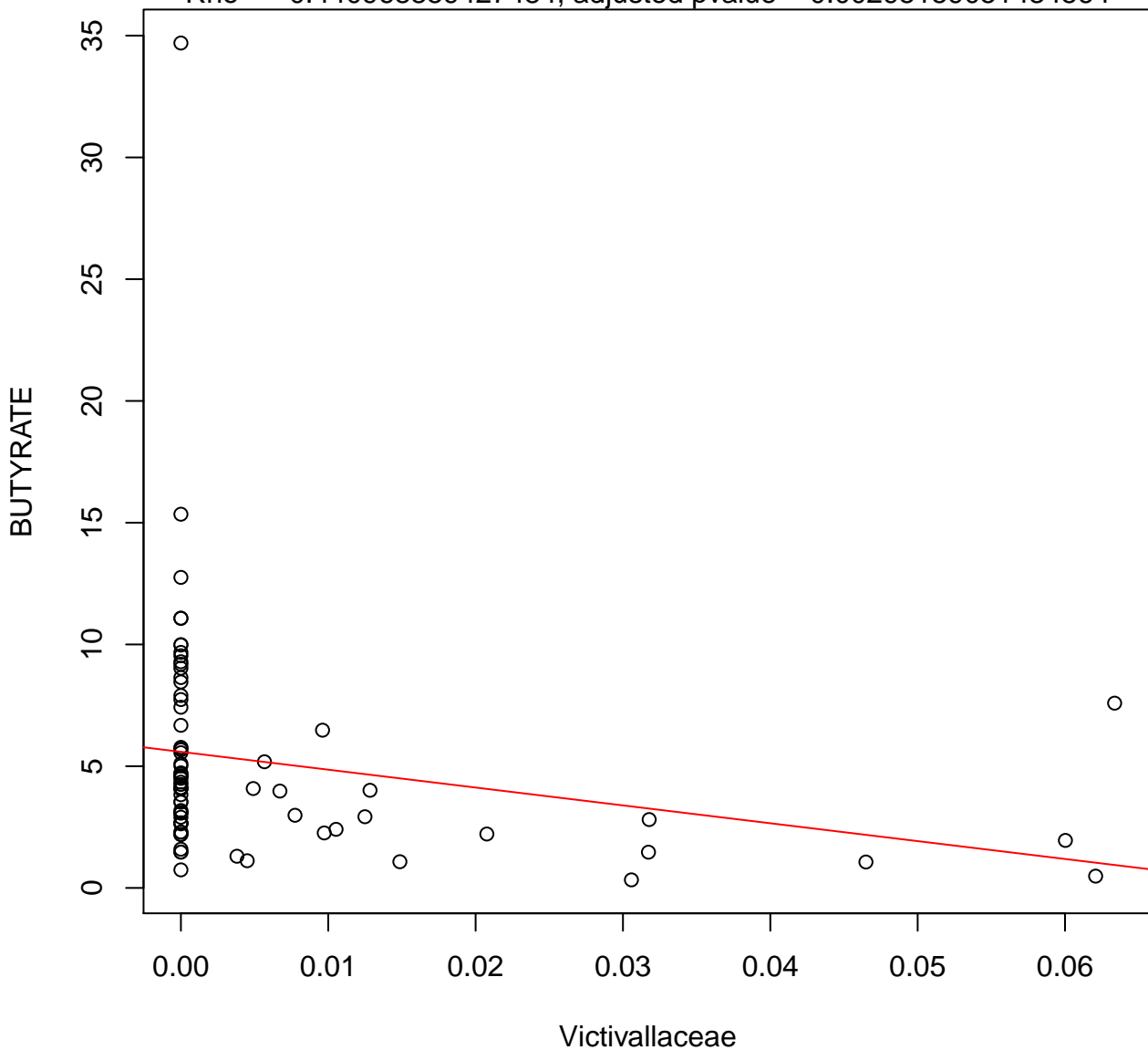
Timepoint 2 , BUTYRATE ~ [Eubacterium]

Rho = -0.266433803076018 , adjusted pvalue = 0.0665165976197404



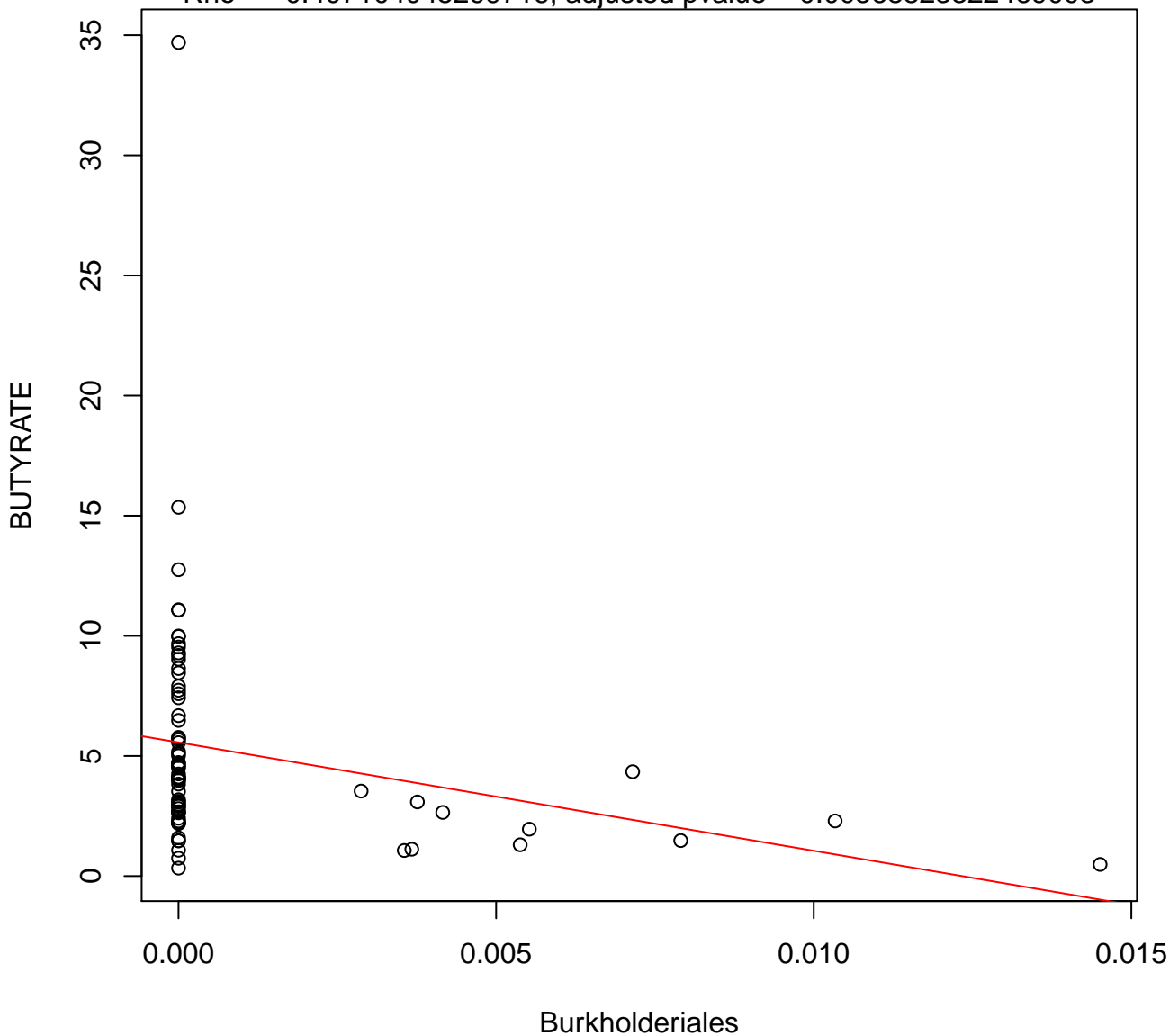
Timepoint 2 , BUTYRATE ~ Victivallaceae

Rho = -0.440968859427484 , adjusted pvalue = 0.00295159051434564



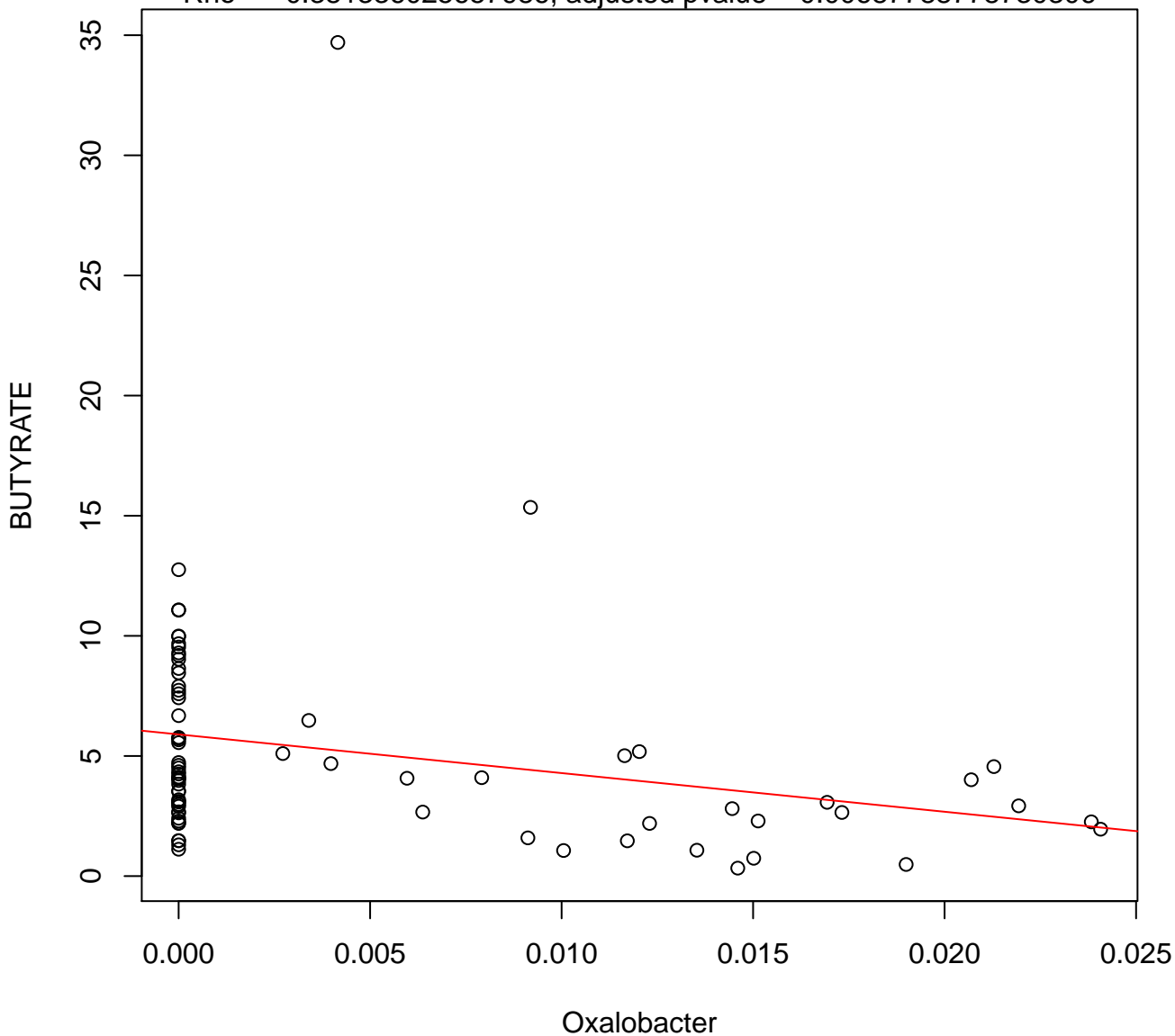
Timepoint 2 , BUTYRATE ~ Burkholderiales

Rho = -0.407104045299716 , adjusted pvalue = 0.00568823322469003



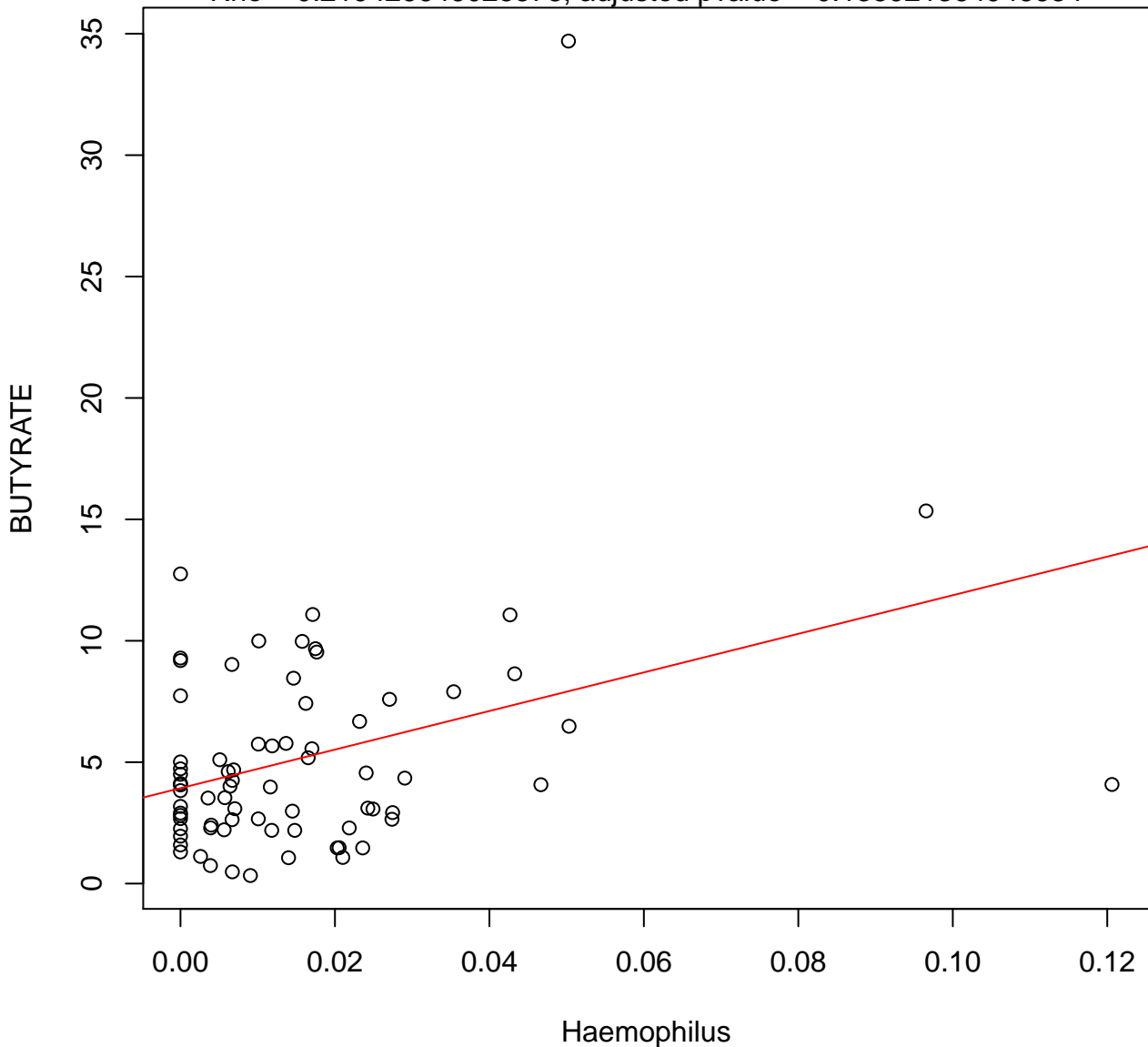
Timepoint 2 , BUTYRATE ~ Oxalobacter

Rho = -0.381336025657986 , adjusted pvalue = 0.00687788778730306



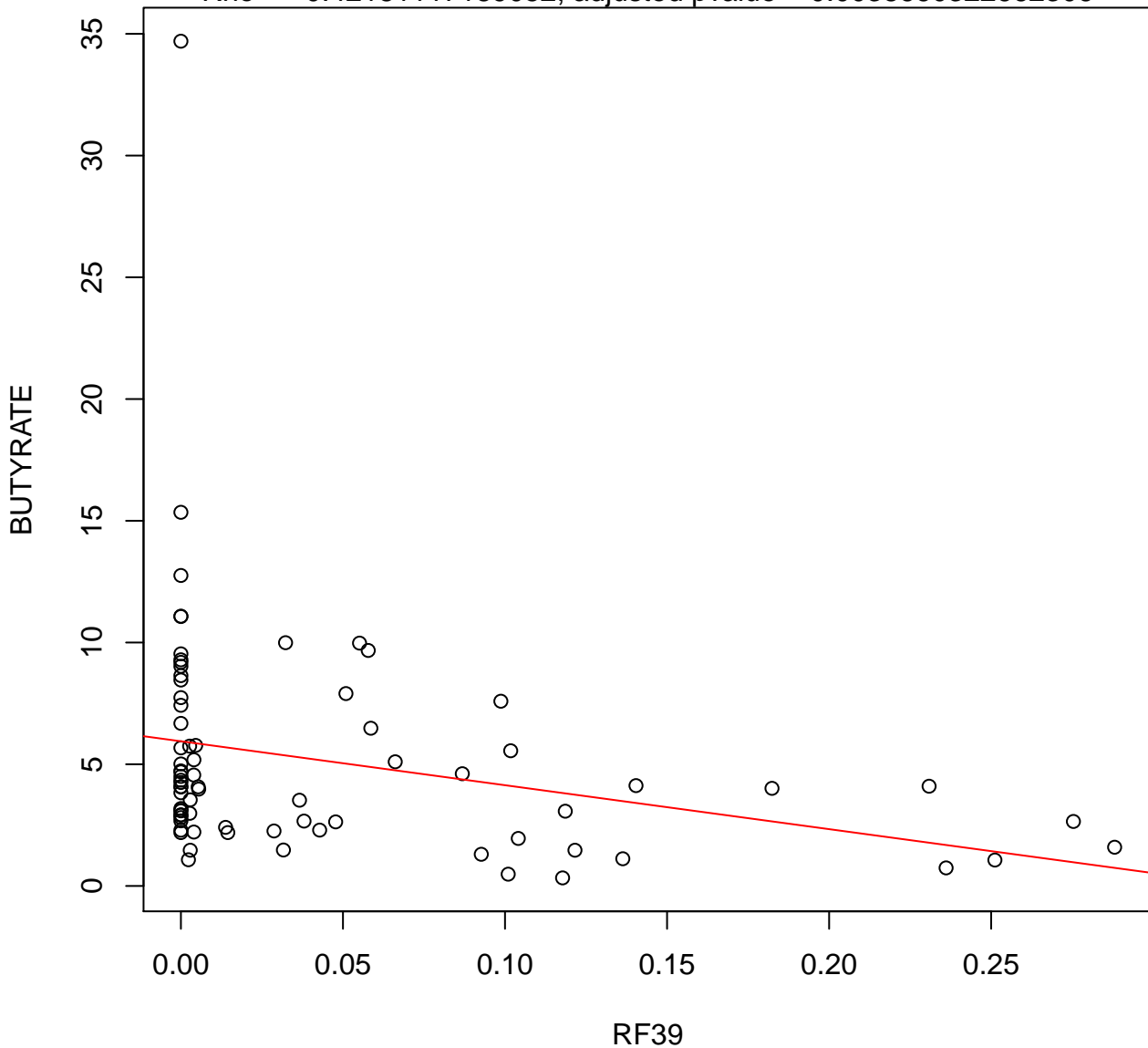
Timepoint 2 , BUTYRATE ~ Haemophilus

Rho = 0.219426646025578, adjusted pvalue = 0.135921364946634



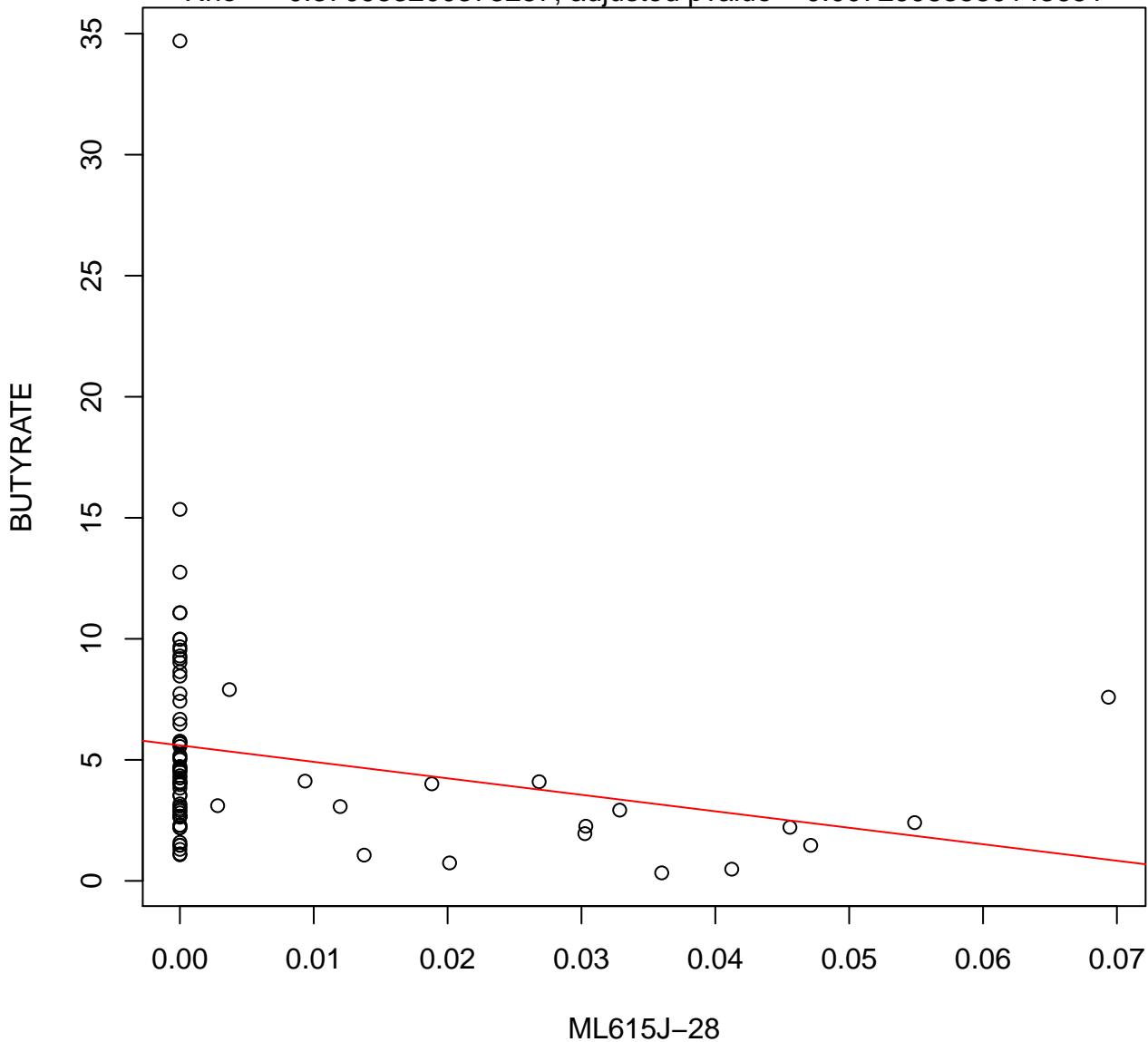
Timepoint 2 , BUTYRATE ~ RF39

Rho = -0.42181117189052, adjusted pvalue = 0.0038660322662306



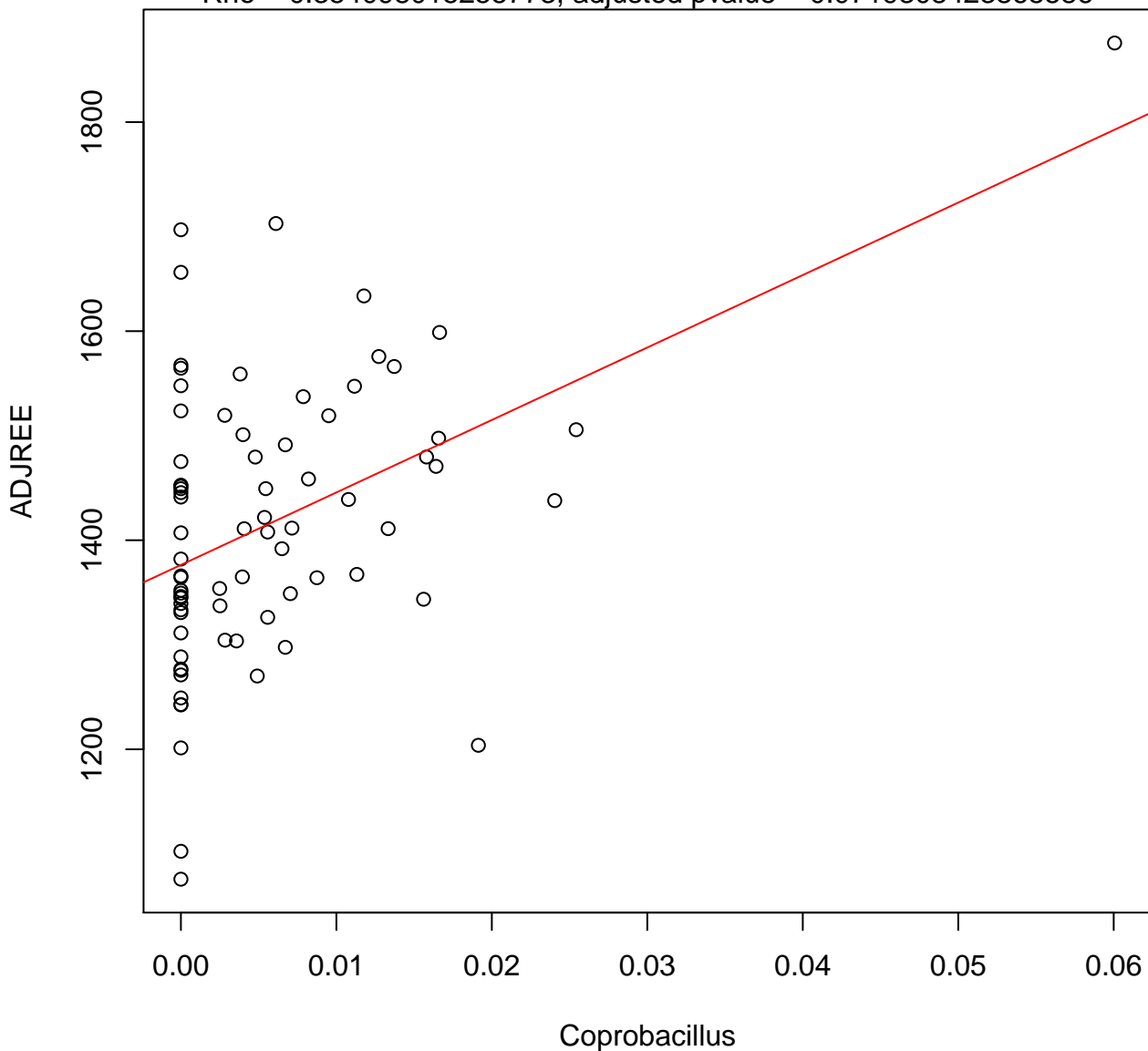
Timepoint 2 , BUTYRATE ~ ML615J-28

Rho = -0.370953200373257 , adjusted pvalue = 0.00729983580143651



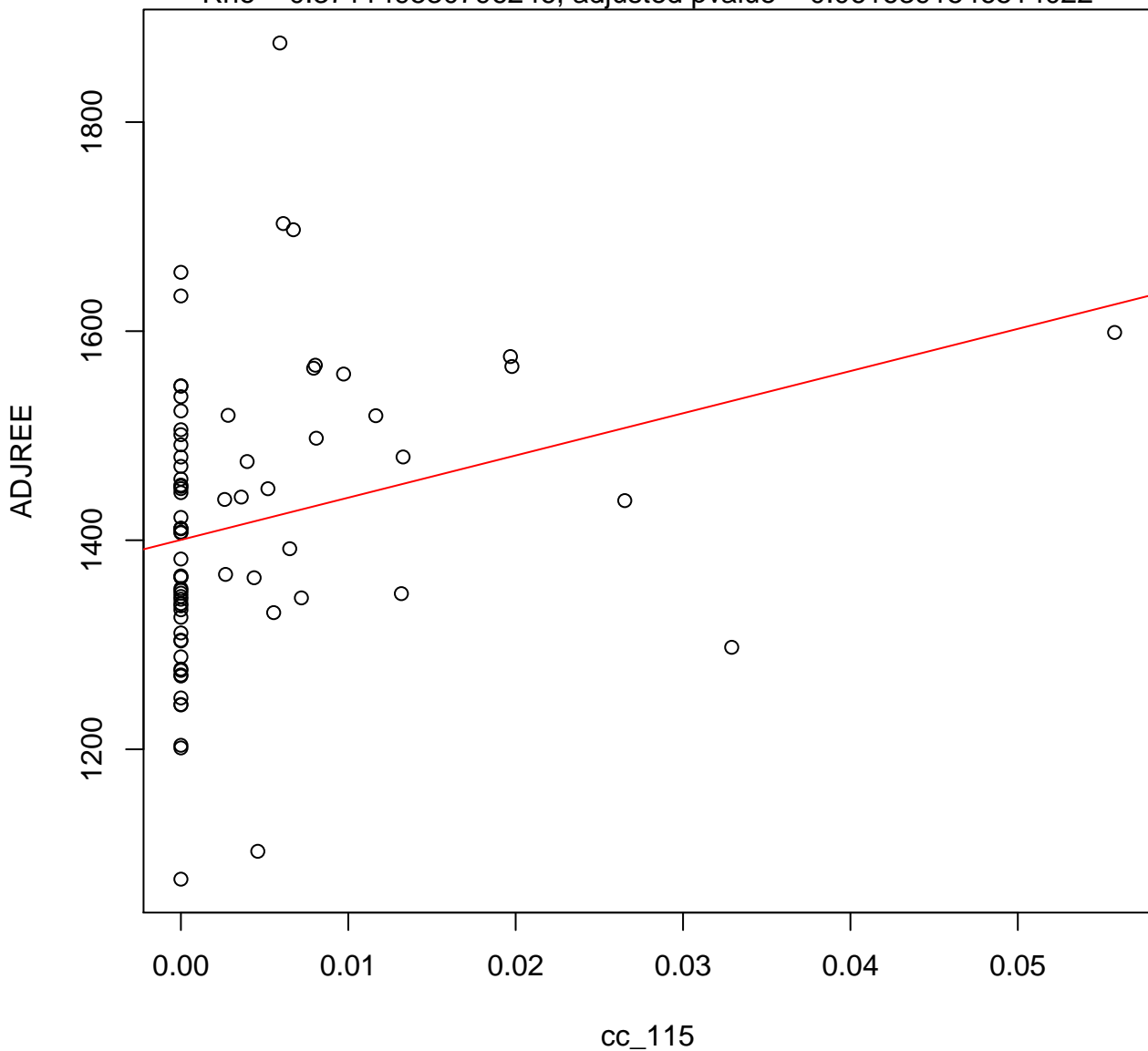
Timepoint 2 , ADJREE ~ Coprobacillus

Rho = 0.354098015255773, adjusted pvalue = 0.0719308423865586



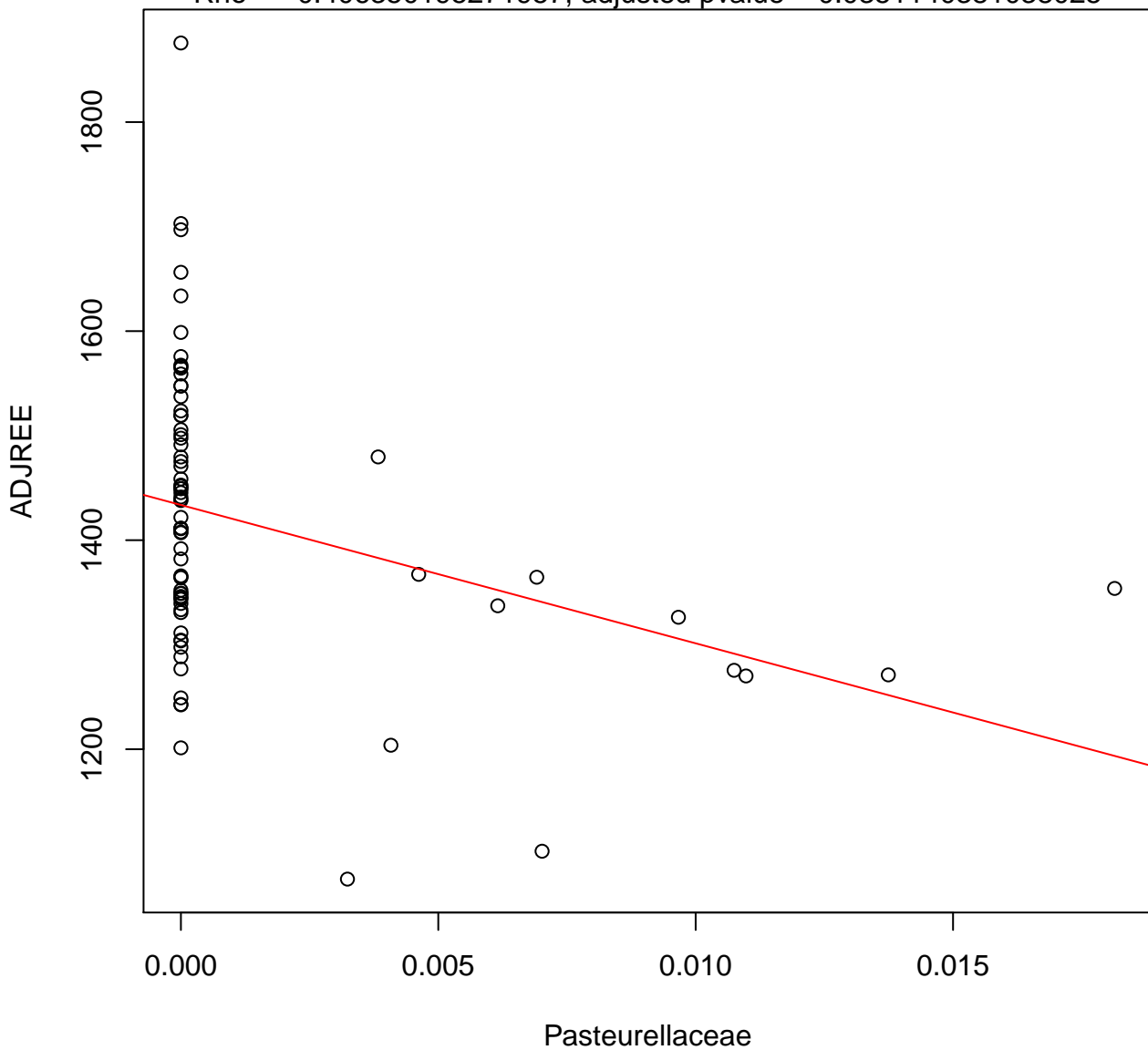
Timepoint 2 , ADJREE ~ cc_115

Rho = 0.371149530796246, adjusted pvalue = 0.0616391546514022



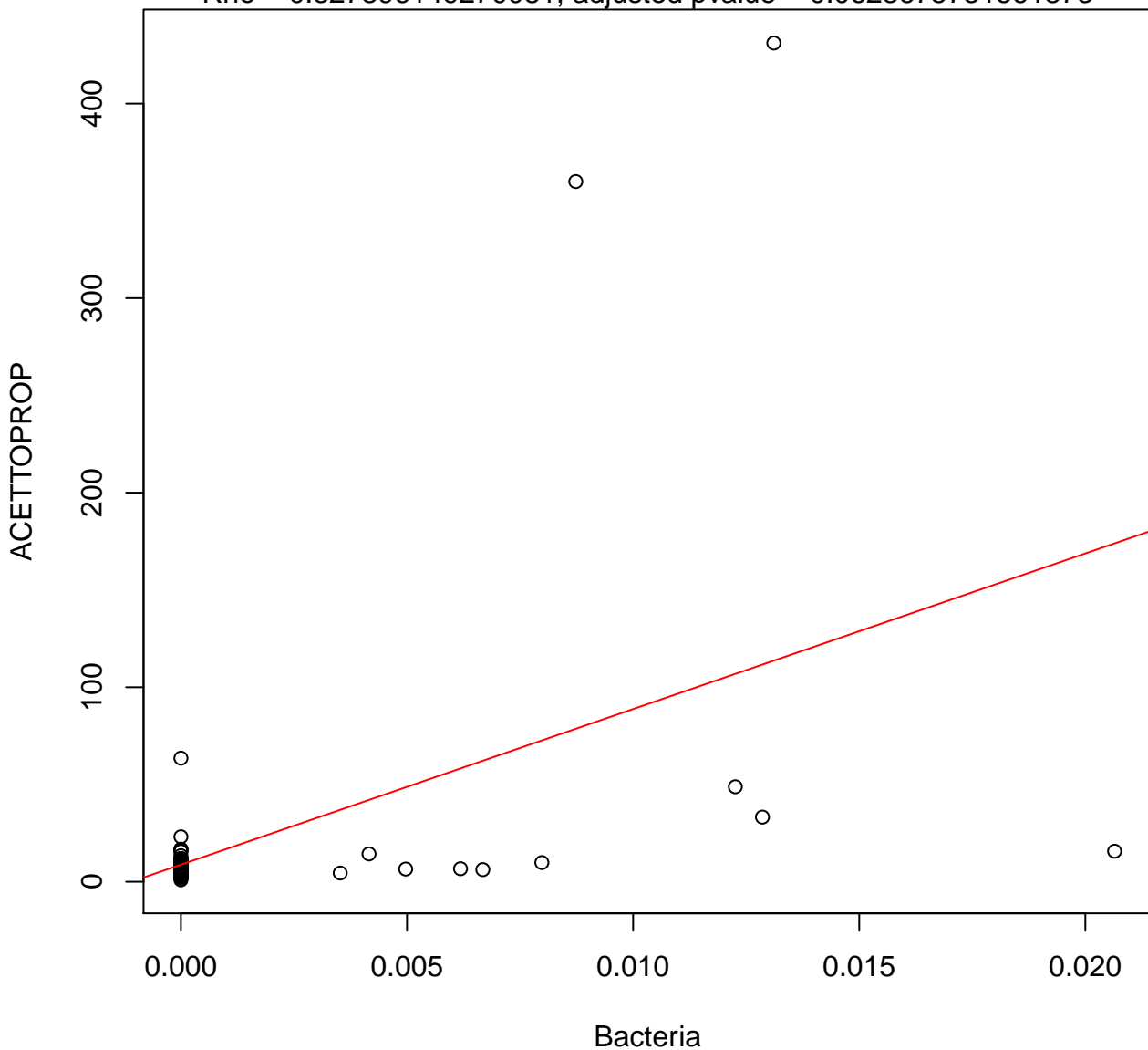
Timepoint 2 , ADJREE ~ Pasteurellaceae

Rho = -0.406350195271957 , adjusted pvalue = 0.0351140381038025



Timepoint 2 , ACETTOPROP ~ Bacteria

Rho = 0.327396149270081, adjusted pvalue = 0.0623675731561873



Timepoint 2 , ACETTOPROP ~ Burkholderiales

Rho = 0.345057002058497, adjusted pvalue = 0.0623675731561873

