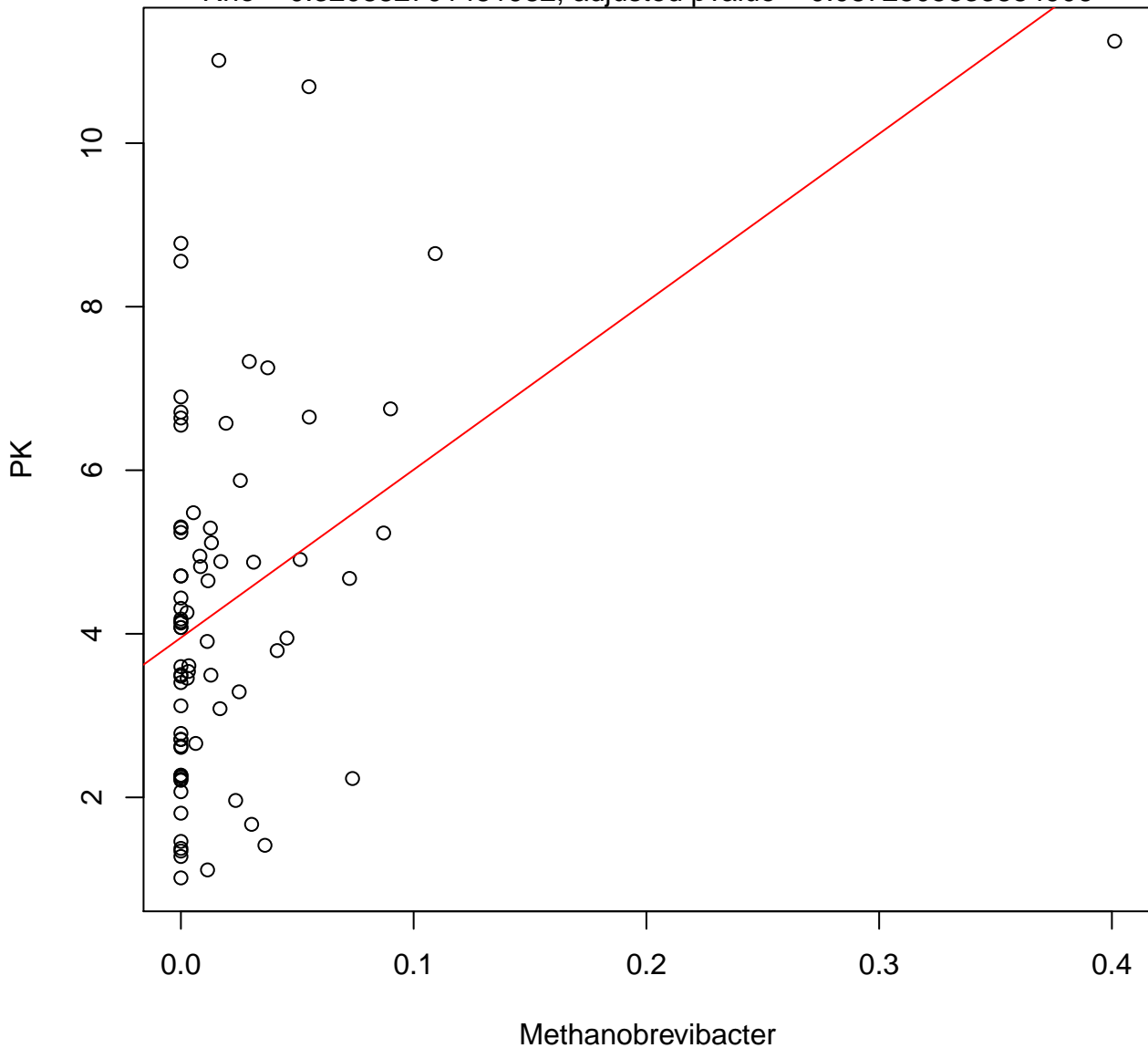


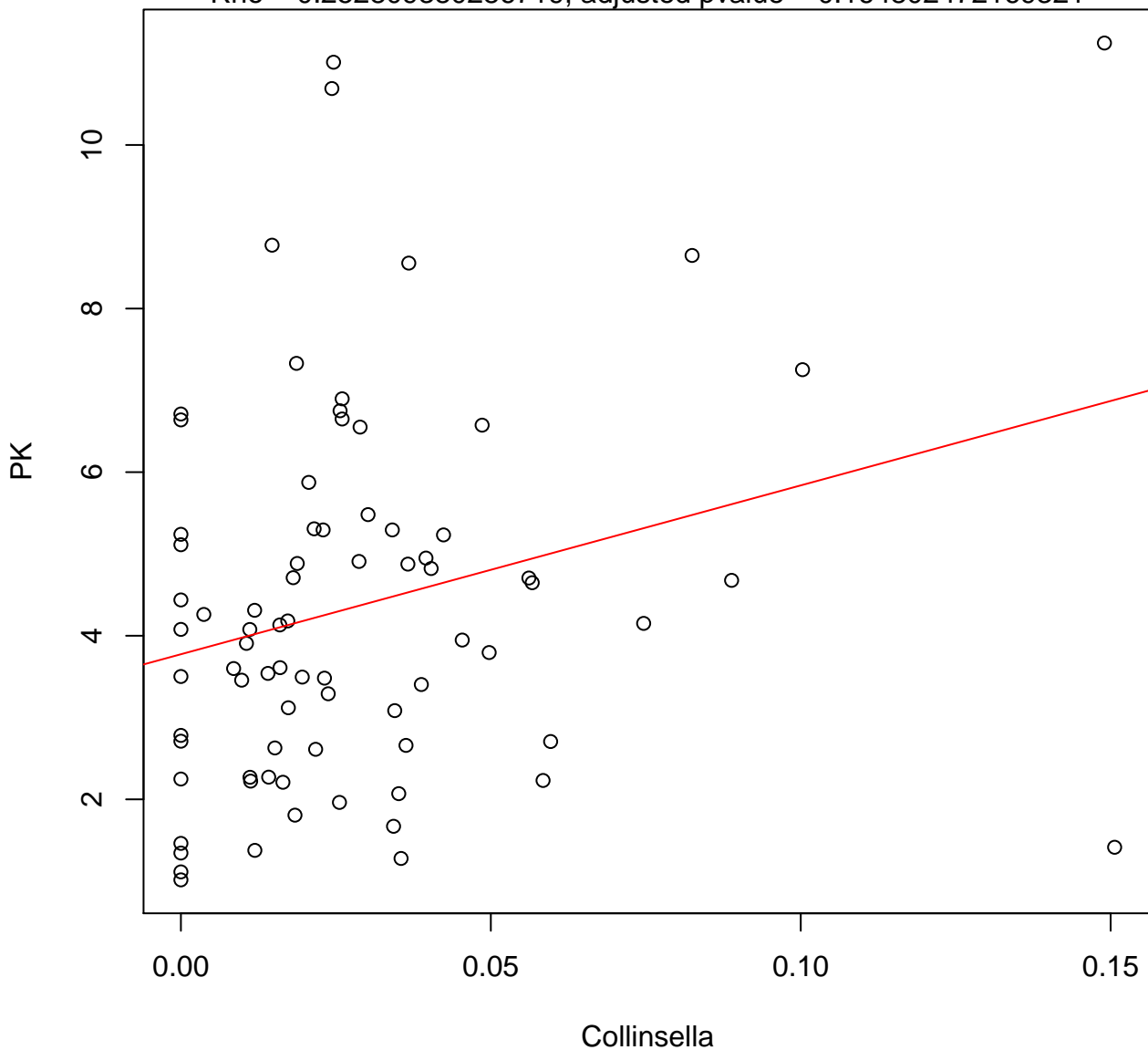
Timepoint 2 , PK ~ Methanobrevibacter

Rho = 0.320882701481982, adjusted pvalue = 0.0872505833884906



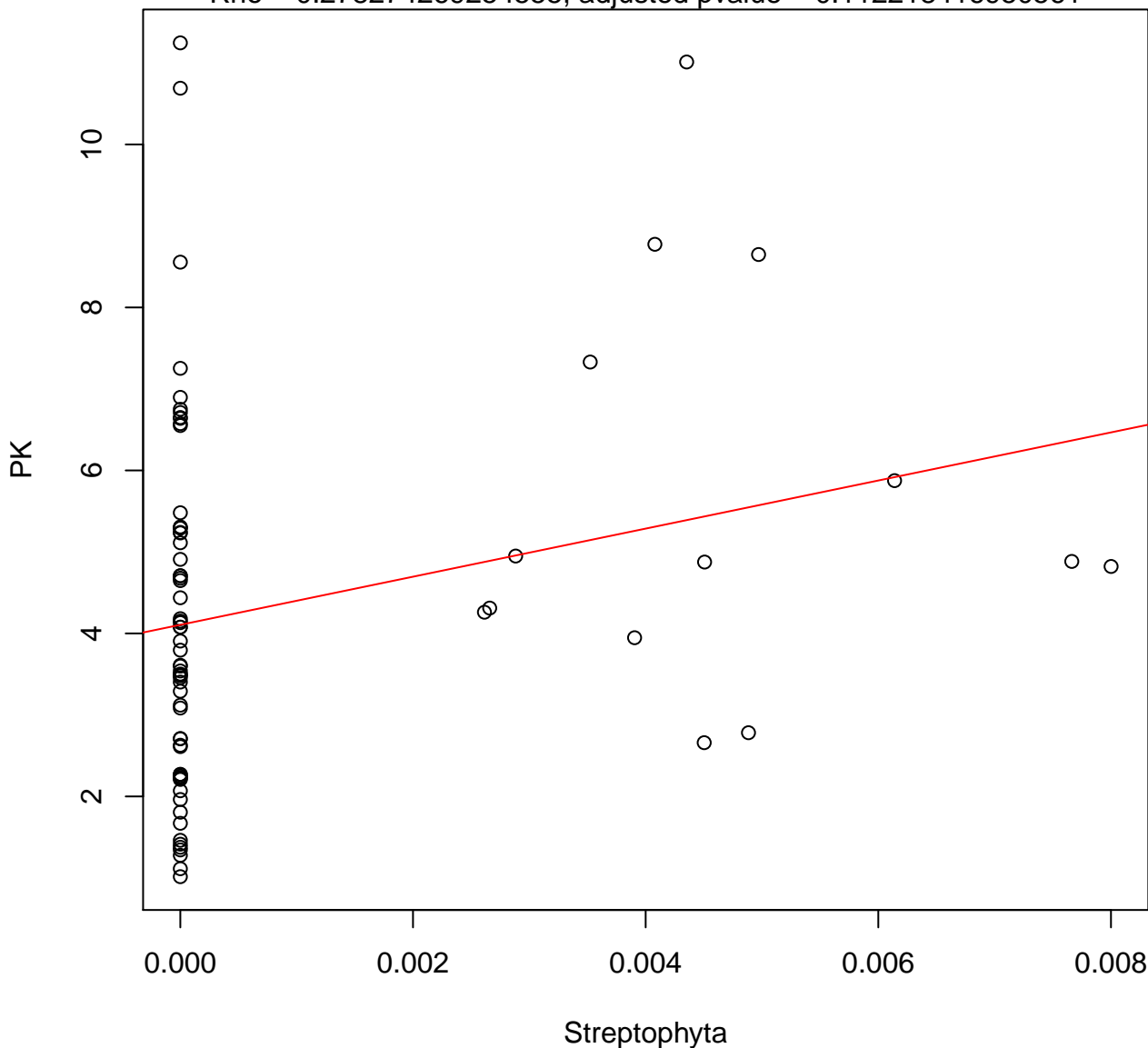
Timepoint 2 , PK ~ Collinsella

Rho = 0.252809380286719, adjusted pvalue = 0.164802472169321



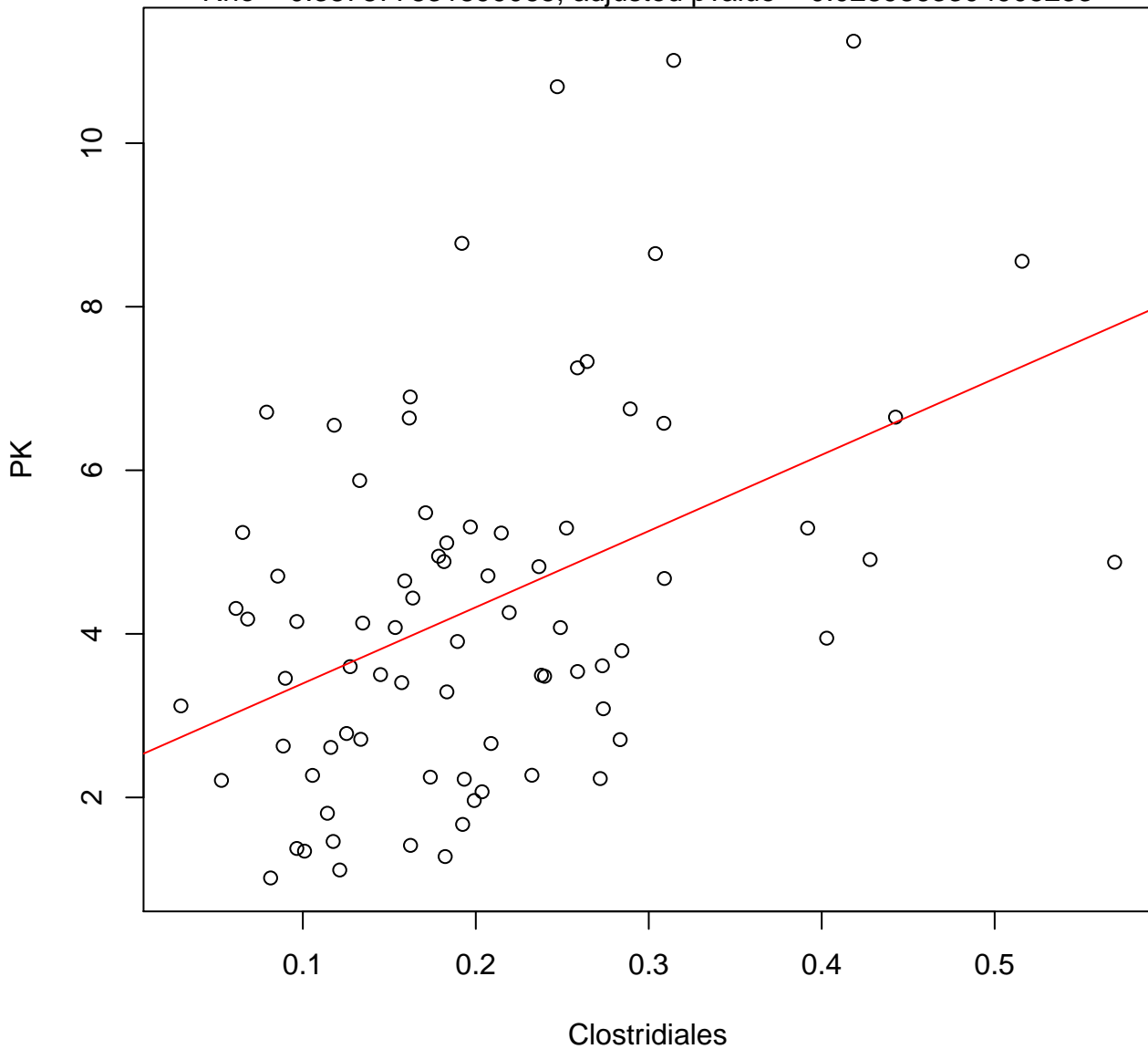
Timepoint 2 , PK ~ Streptophyta

Rho = 0.278274269254555, adjusted pvalue = 0.112218416950561



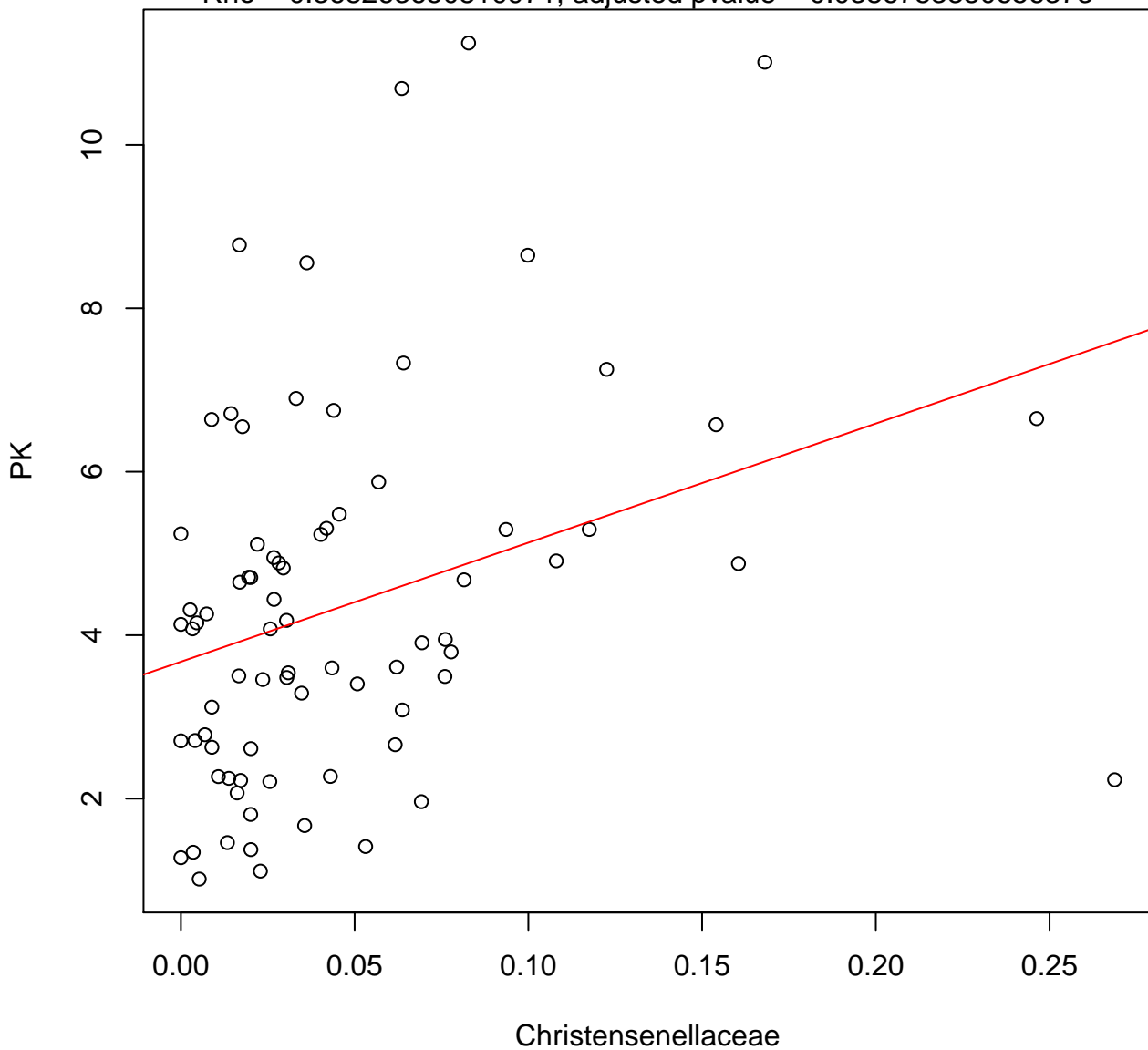
Timepoint 2 , PK ~ Clostridiales

Rho = 0.387877831899065, adjusted pvalue = 0.0289863304905233



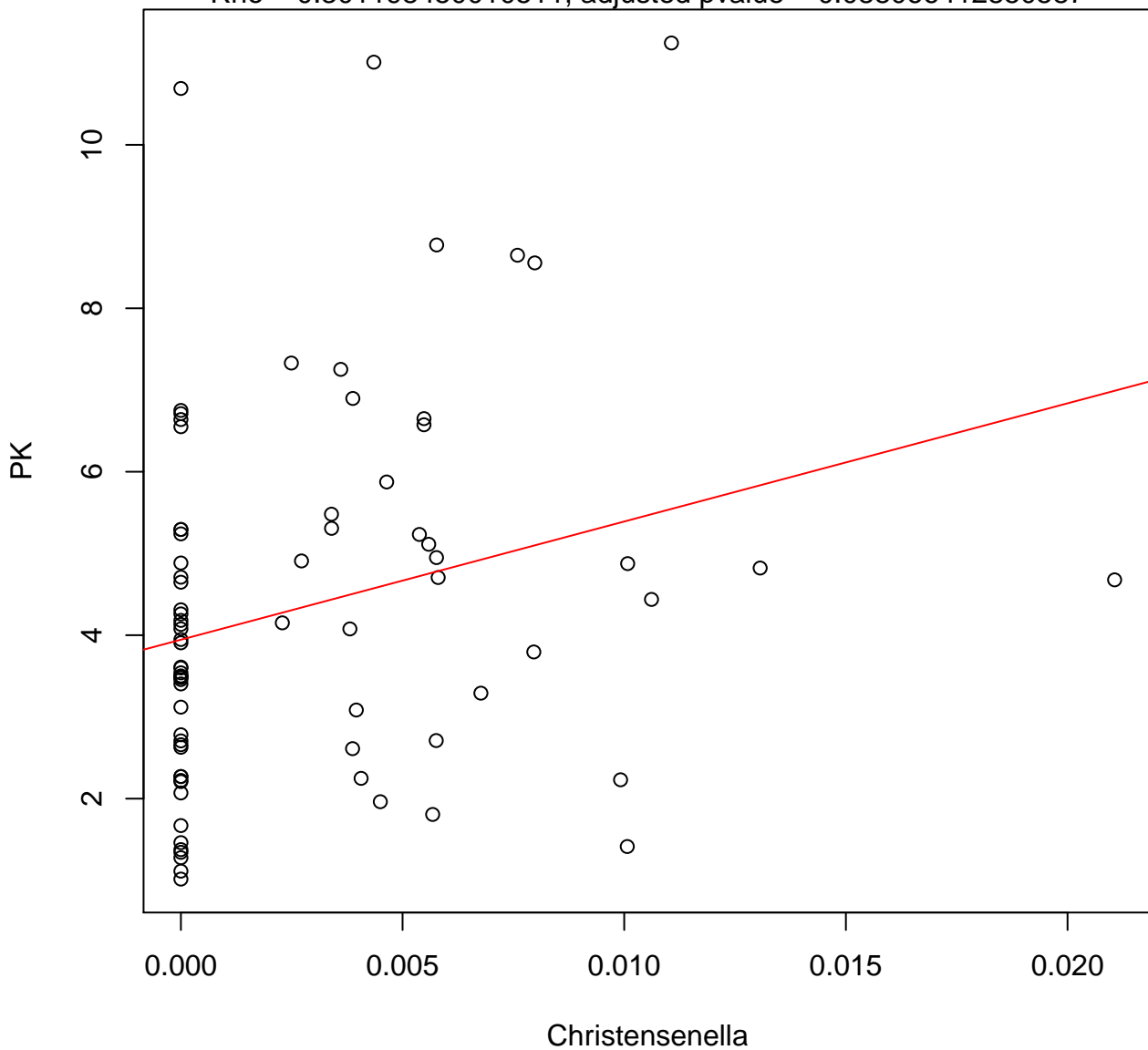
Timepoint 2 , PK ~ Christensenellaceae

Rho = 0.368263650810971, adjusted pvalue = 0.0386753380656373



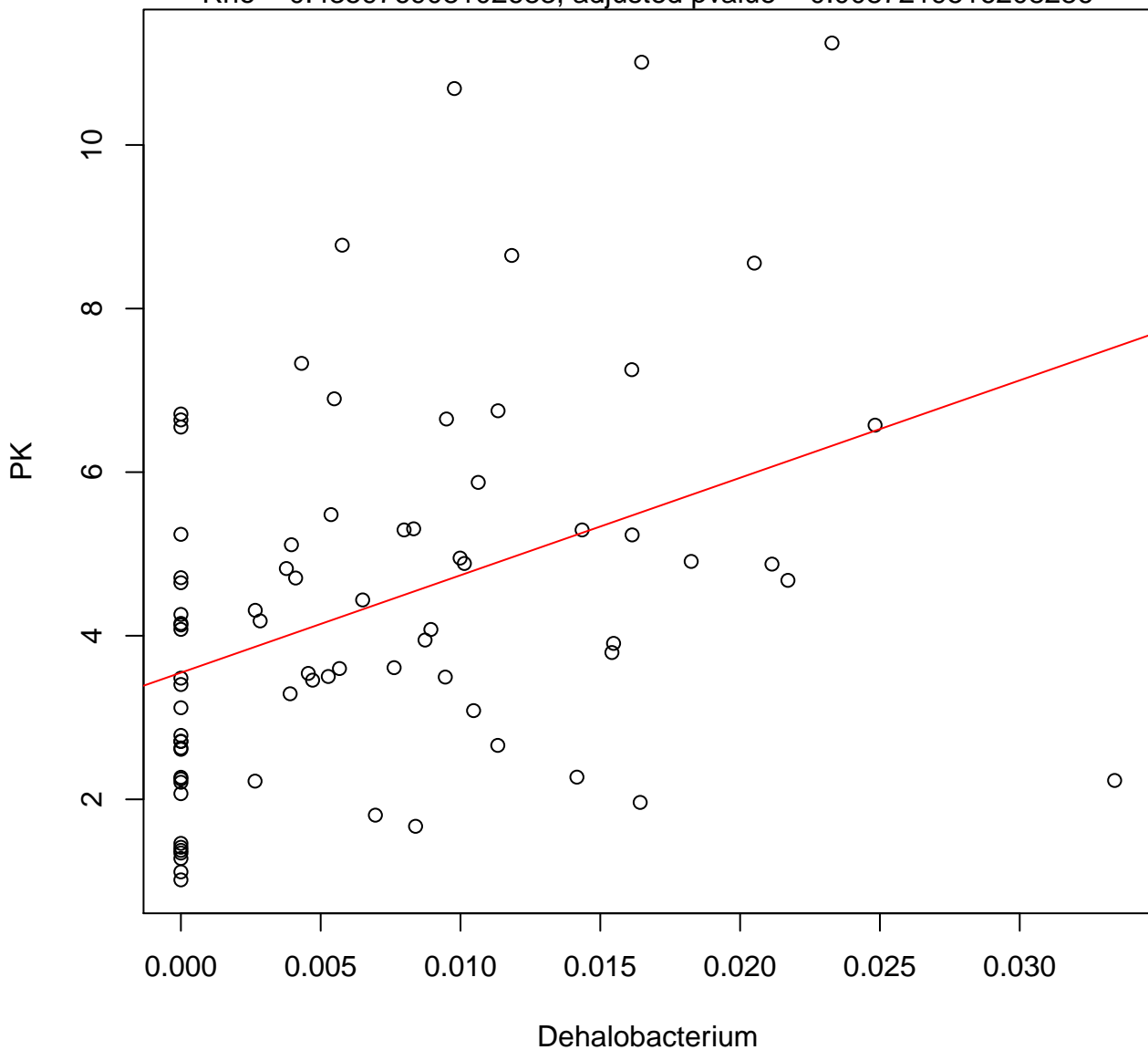
Timepoint 2 , PK ~ Christensenella

Rho = 0.301198450010511, adjusted pvalue = 0.088066412850587



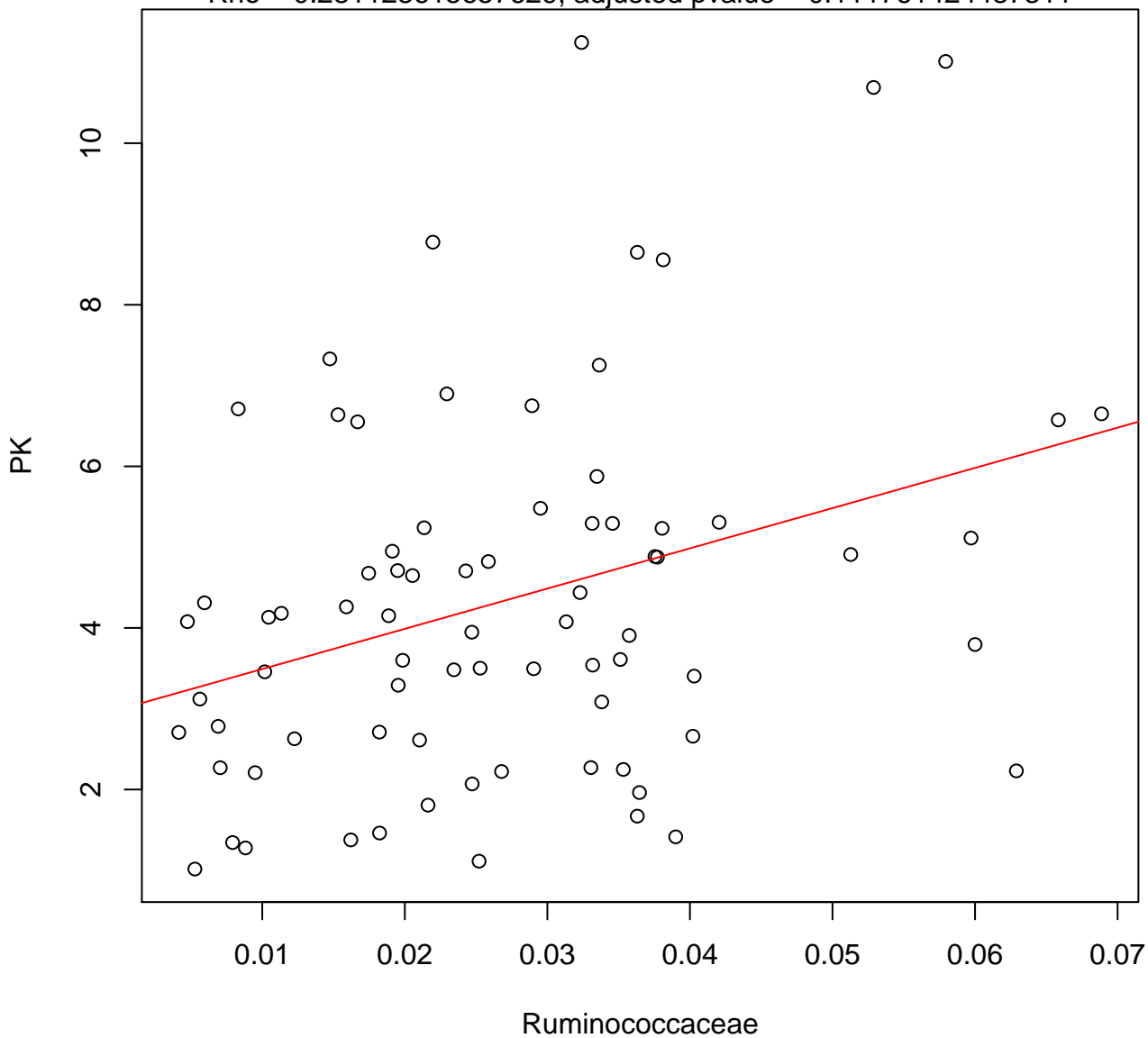
Timepoint 2 , PK ~ Dehalobacterium

Rho = 0.435976908102683, adjusted pvalue = 0.0087219516208286



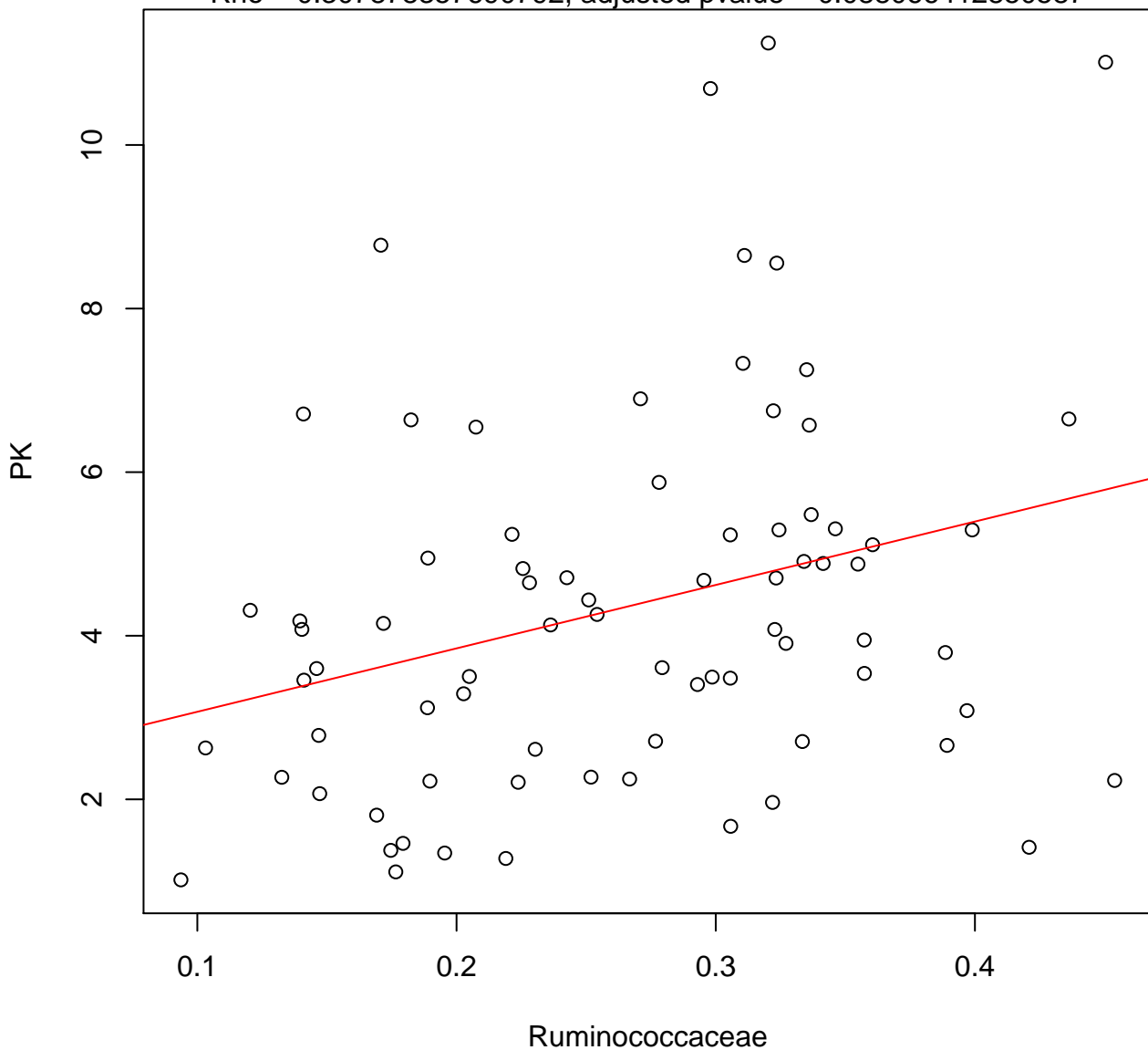
Timepoint 2 , PK ~ Ruminococcaceae

Rho = 0.281128615657629, adjusted pvalue = 0.111761424437311



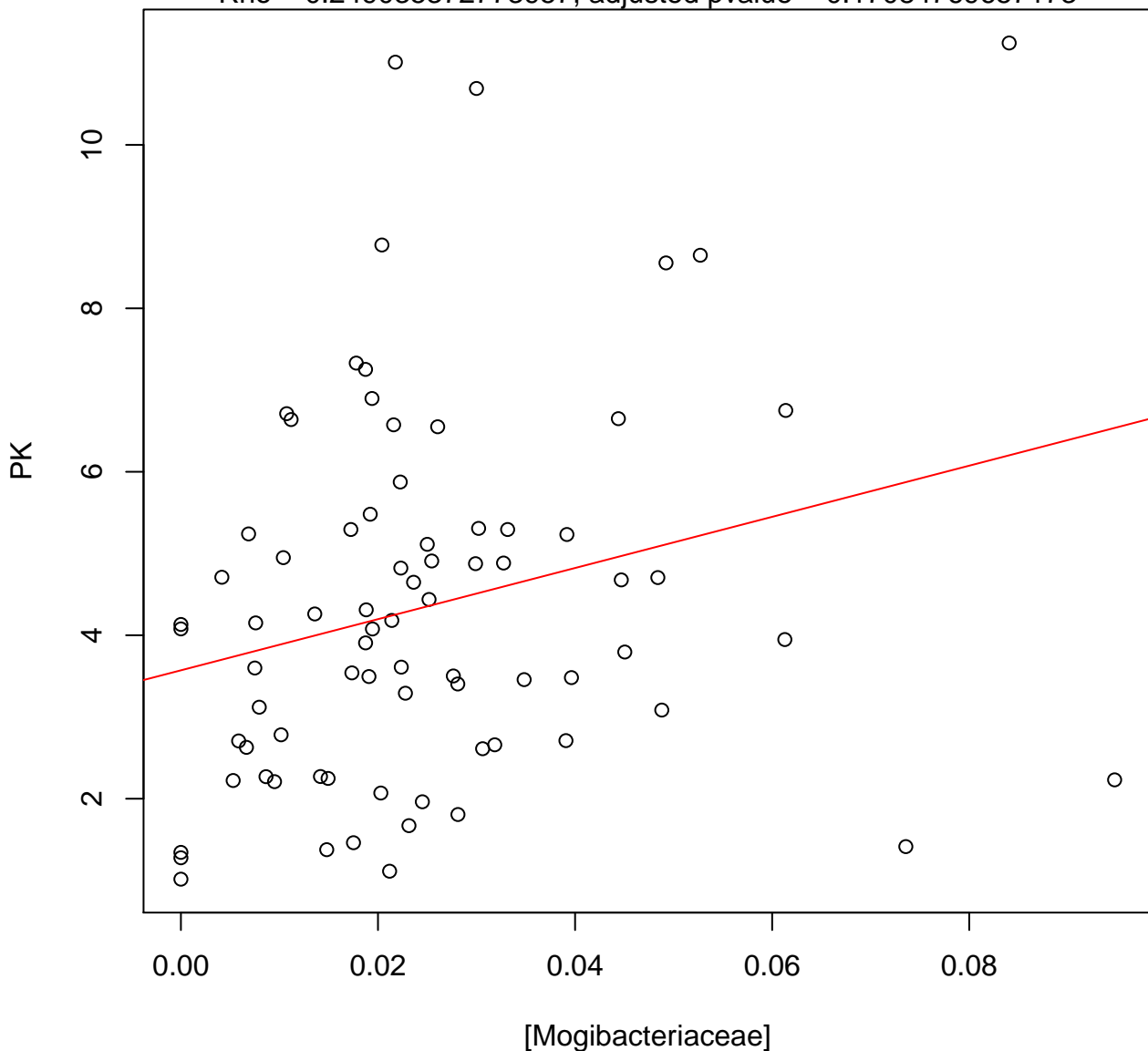
Timepoint 2 , PK ~ Ruminococcaceae

Rho = 0.307878357690792, adjusted pvalue = 0.088066412850587



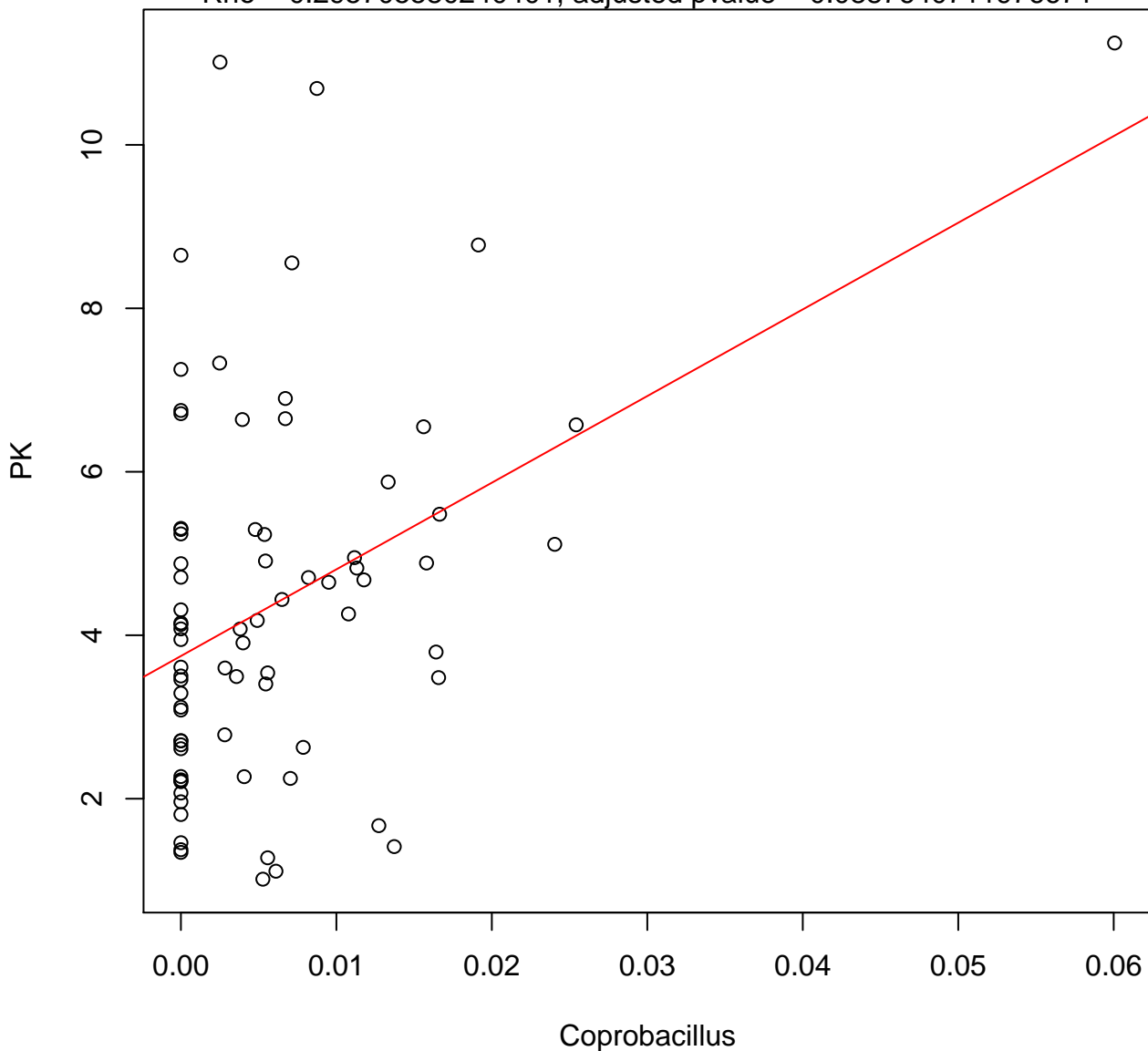
Timepoint 2 , PK ~ [Mogibacteriaceae]

Rho = 0.249035372773957, adjusted pvalue = 0.17084769657173



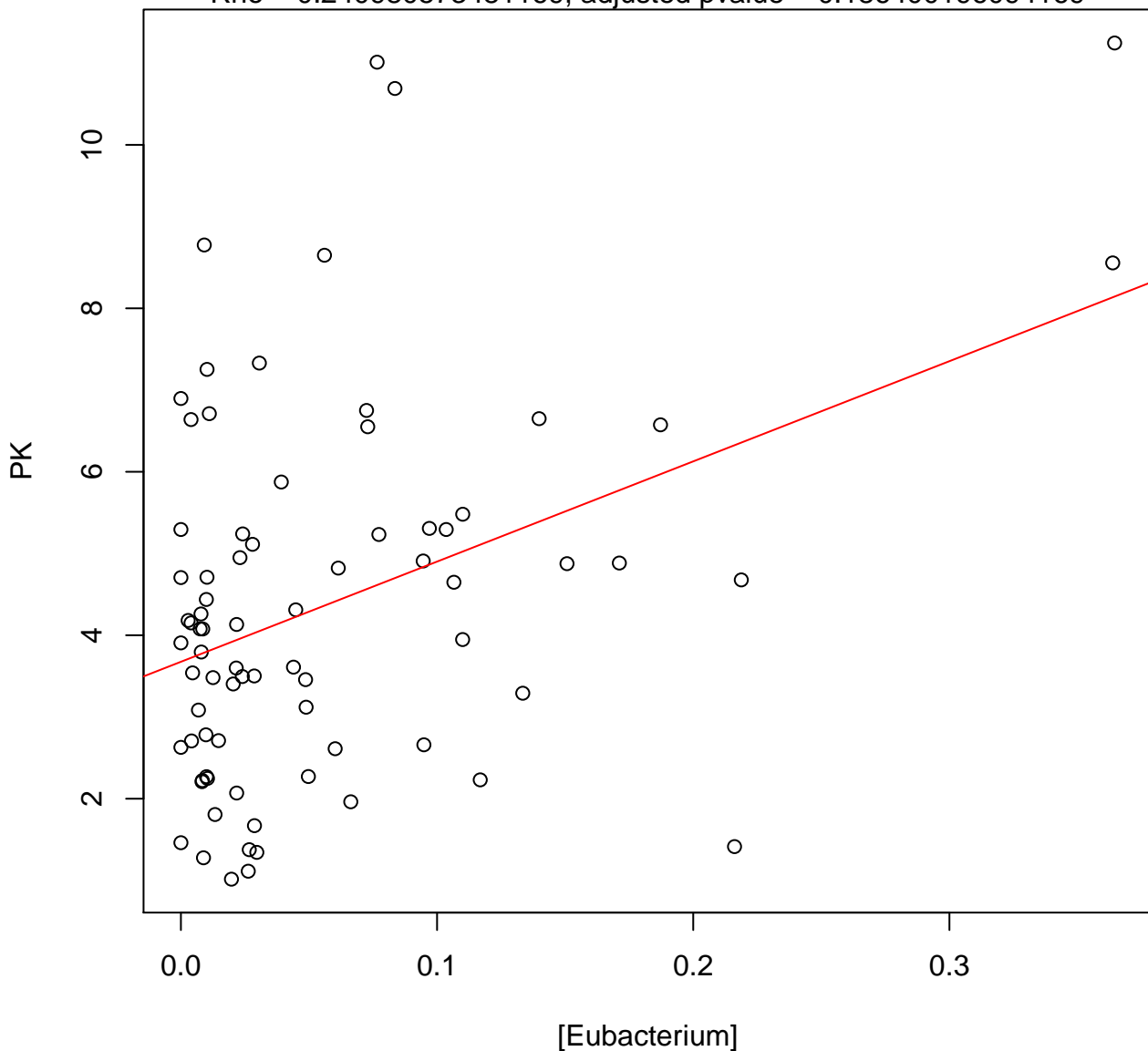
Timepoint 2 , PK ~ Coprobacillus

Rho = 0.295705580240401, adjusted pvalue = 0.0887640711976671



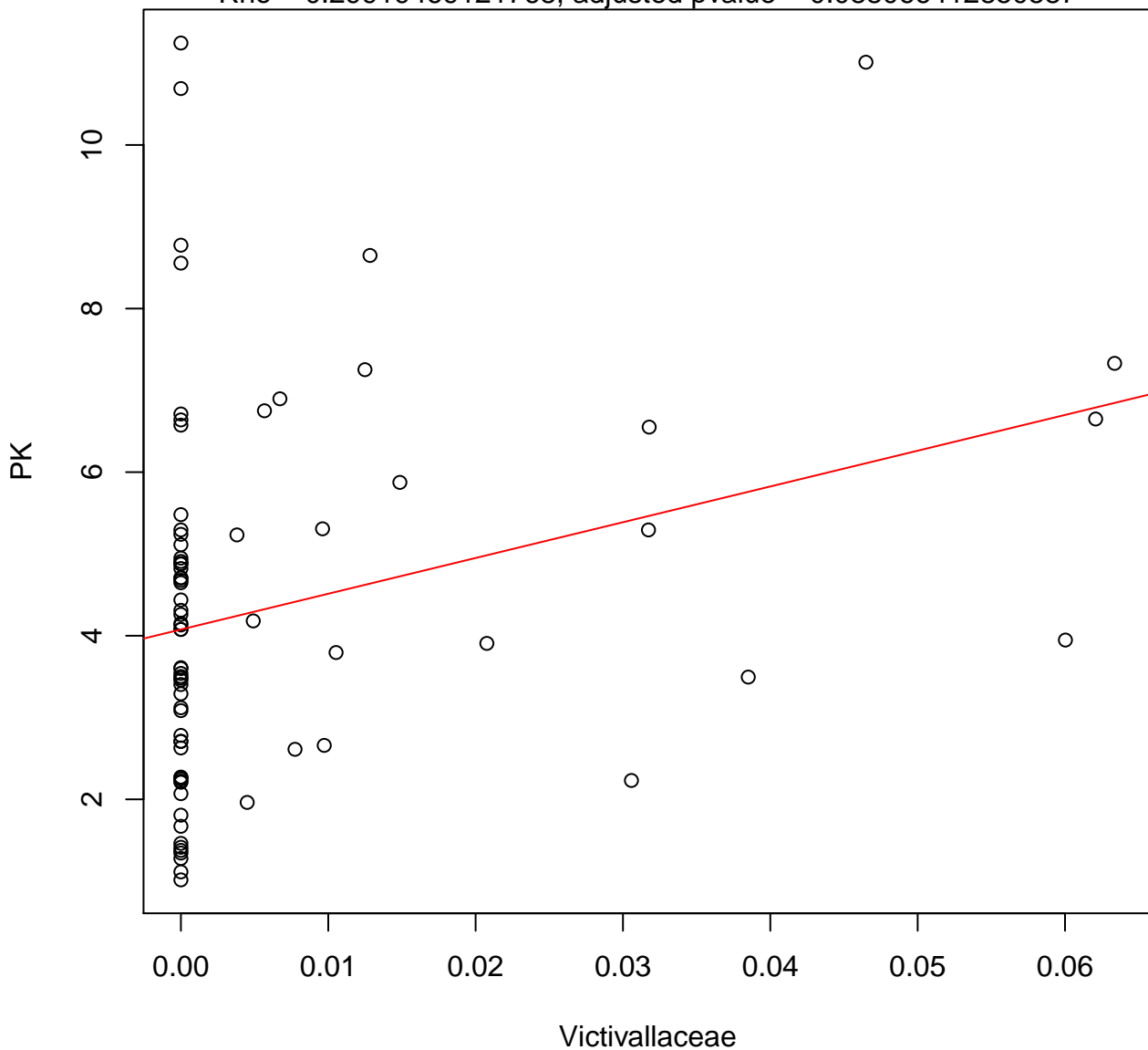
Timepoint 2 , PK ~ [Eubacterium]

Rho = 0.240980573481169, adjusted pvalue = 0.186400196094169



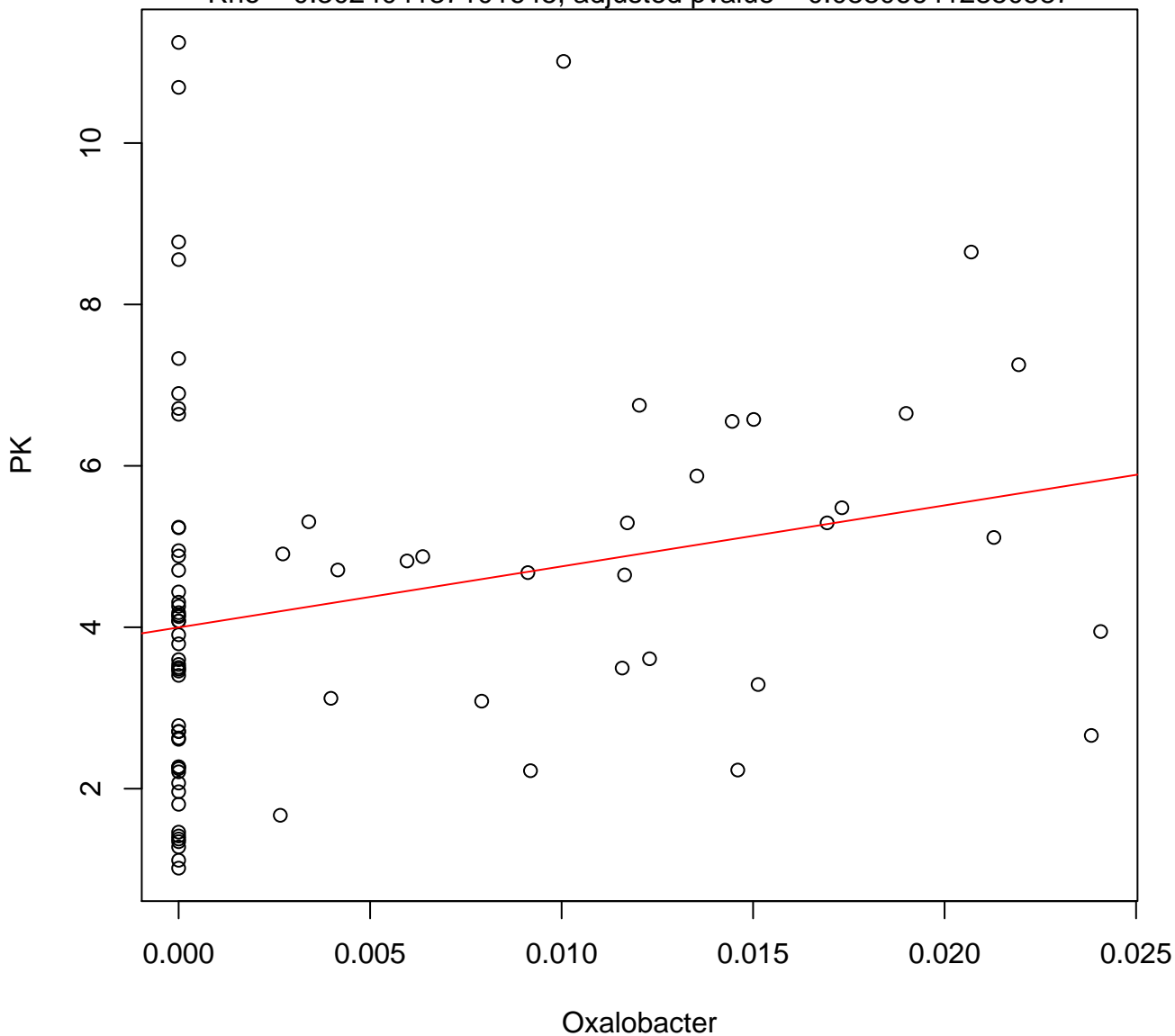
Timepoint 2 , PK ~ Victivallaceae

Rho = 0.29919469121768, adjusted pvalue = 0.088066412850587



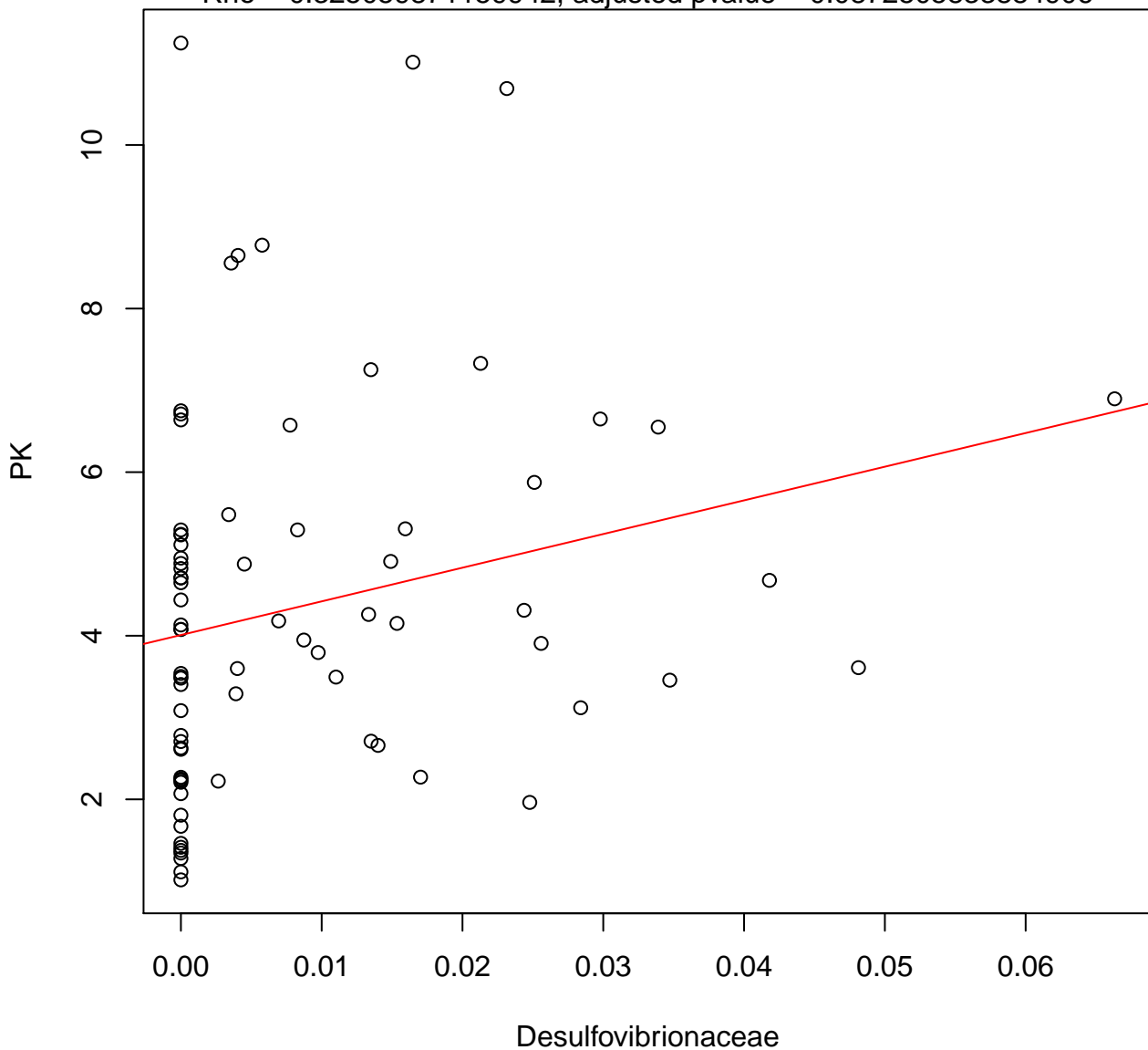
Timepoint 2 , PK ~ Oxalobacter

Rho = 0.302404137101645, adjusted pvalue = 0.088066412850587



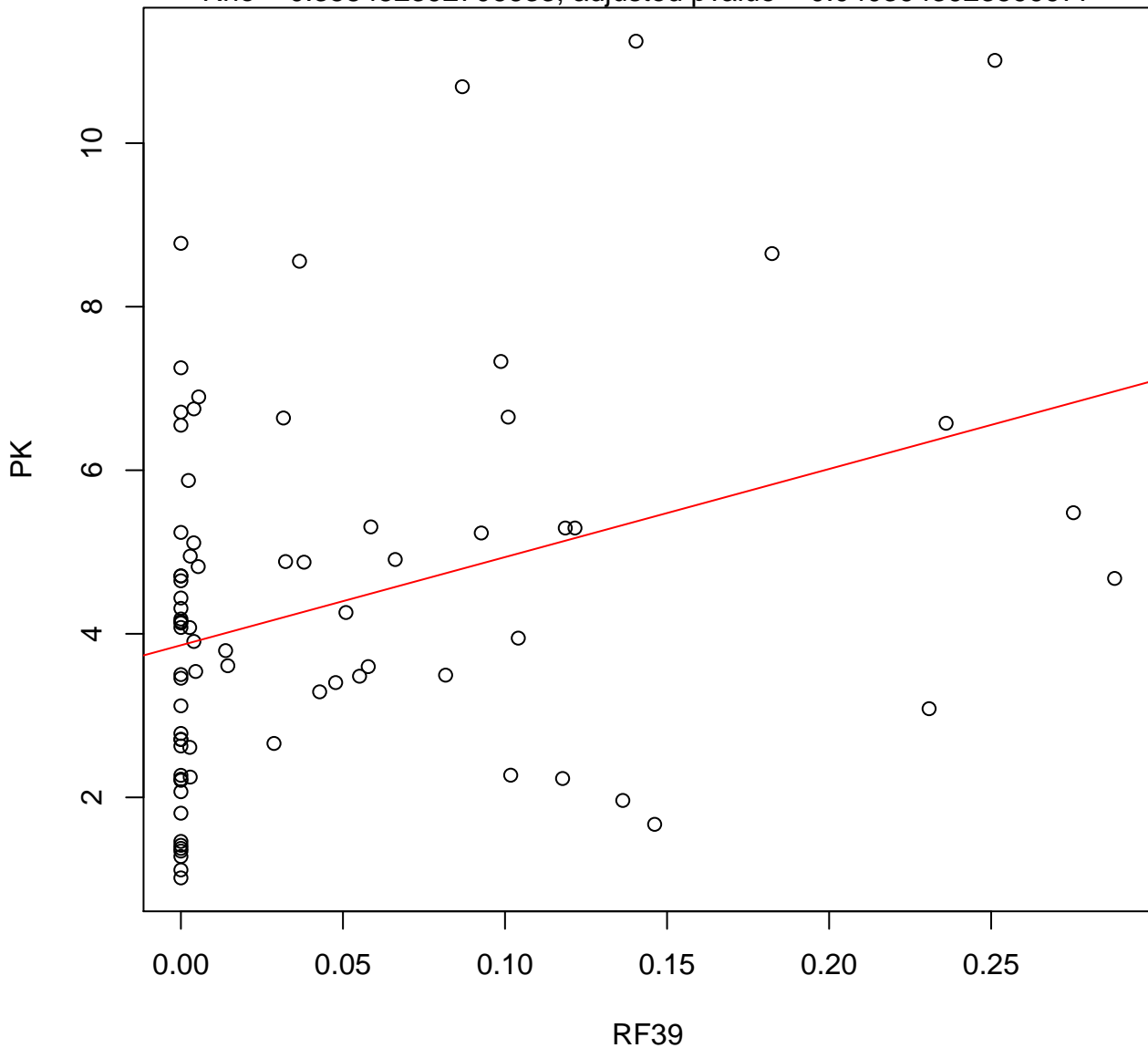
Timepoint 2 , PK ~ Desulfovibrionaceae

Rho = 0.325059871159942, adjusted pvalue = 0.0872505833884906



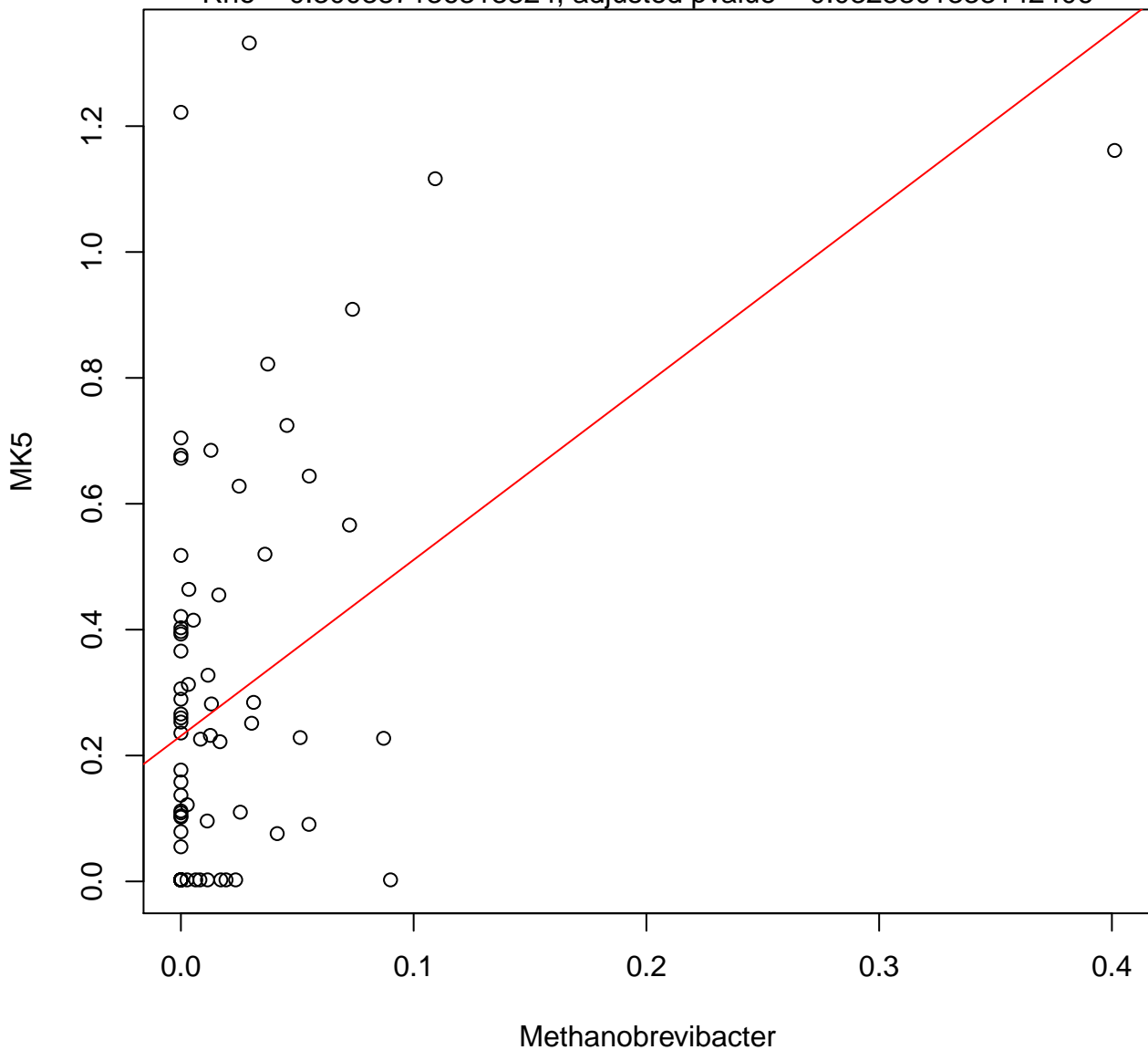
Timepoint 2 , PK ~ RF39

Rho = 0.358452392706633, adjusted pvalue = 0.040394392359977



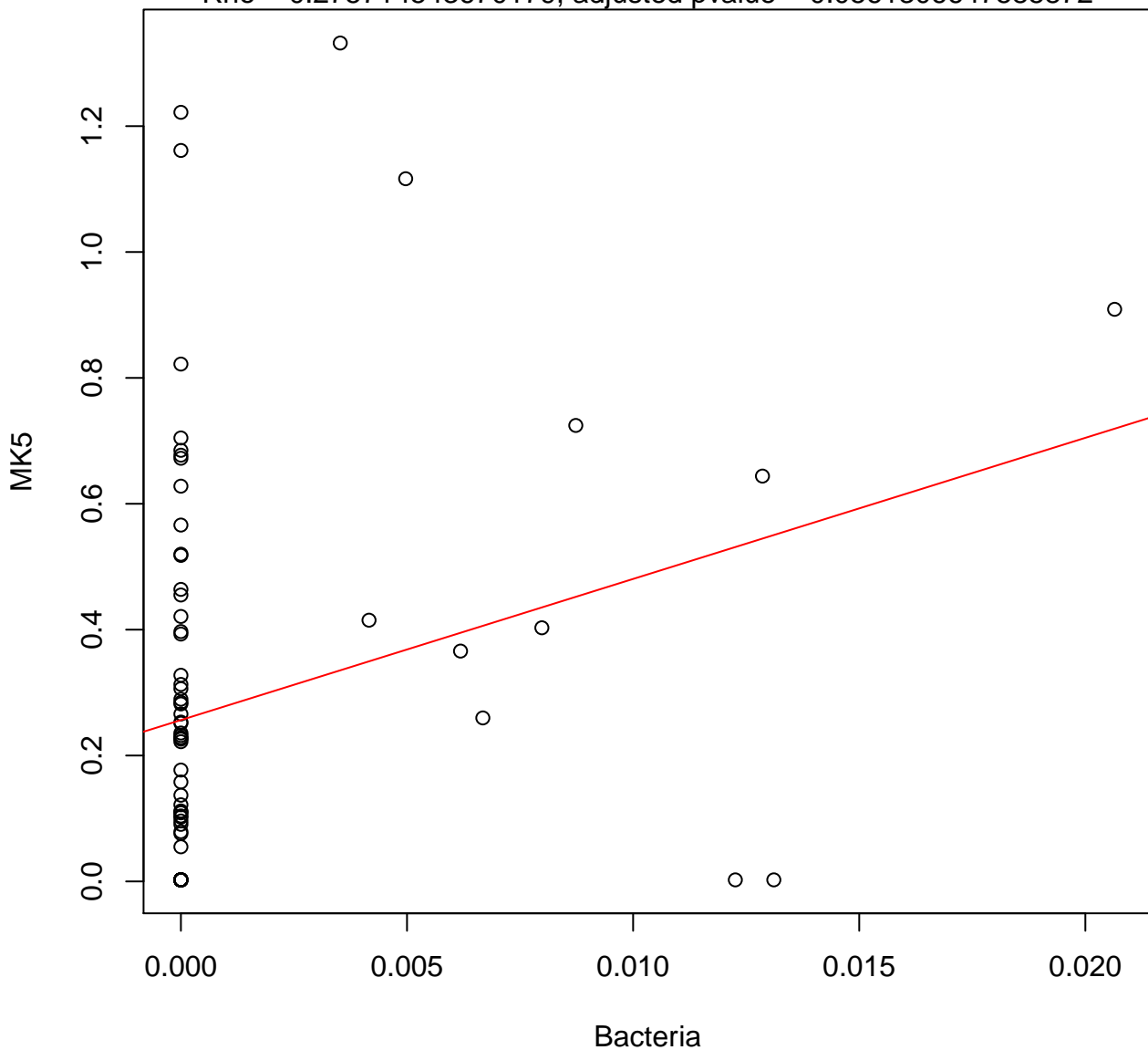
Timepoint 2 , MK5 ~ Methanobrevibacter

Rho = 0.300387136313324, adjusted pvalue = 0.0323301333142406



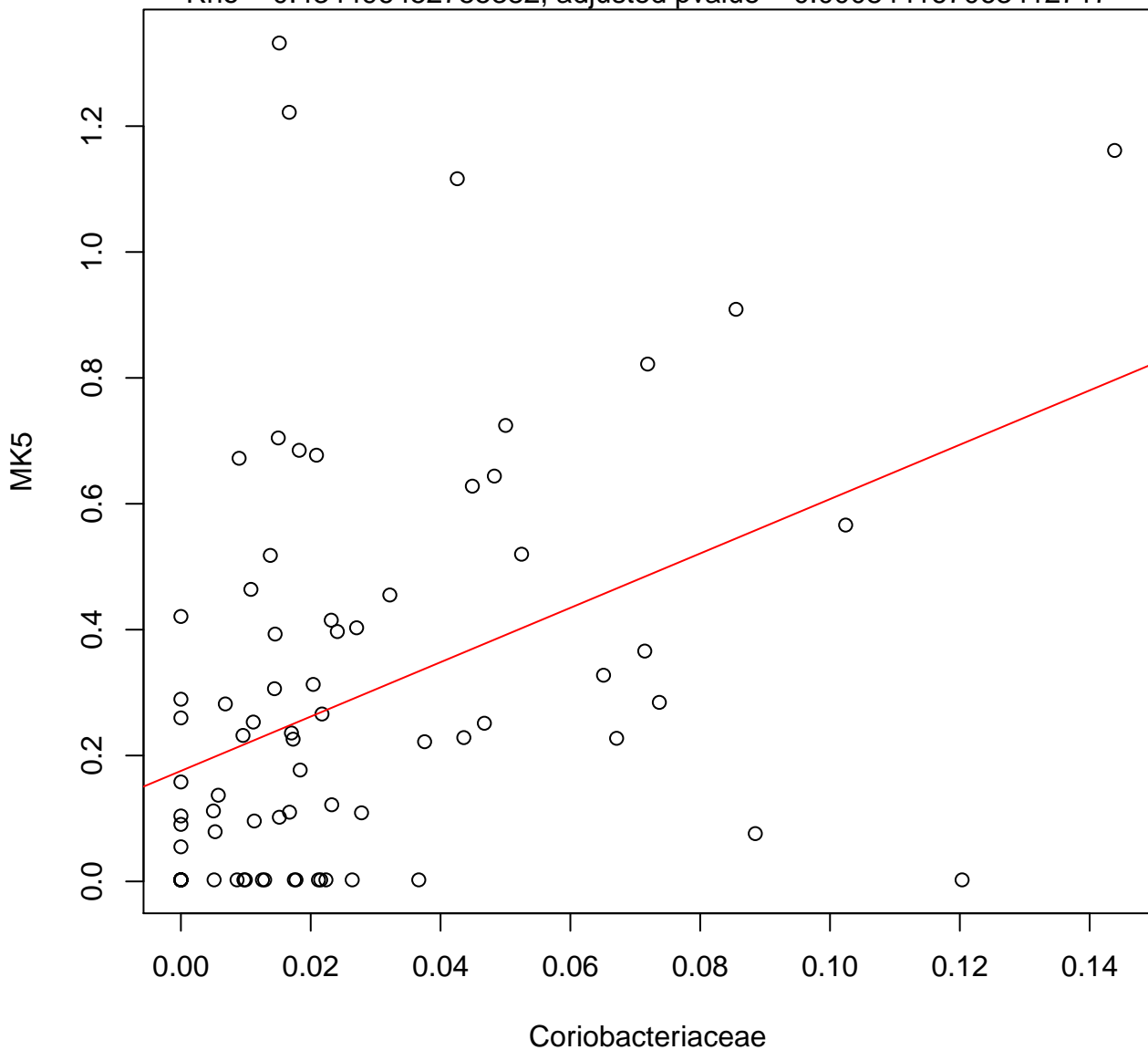
Timepoint 2 , MK5 ~ Bacteria

Rho = 0.275714543670179, adjusted pvalue = 0.0561306647585872



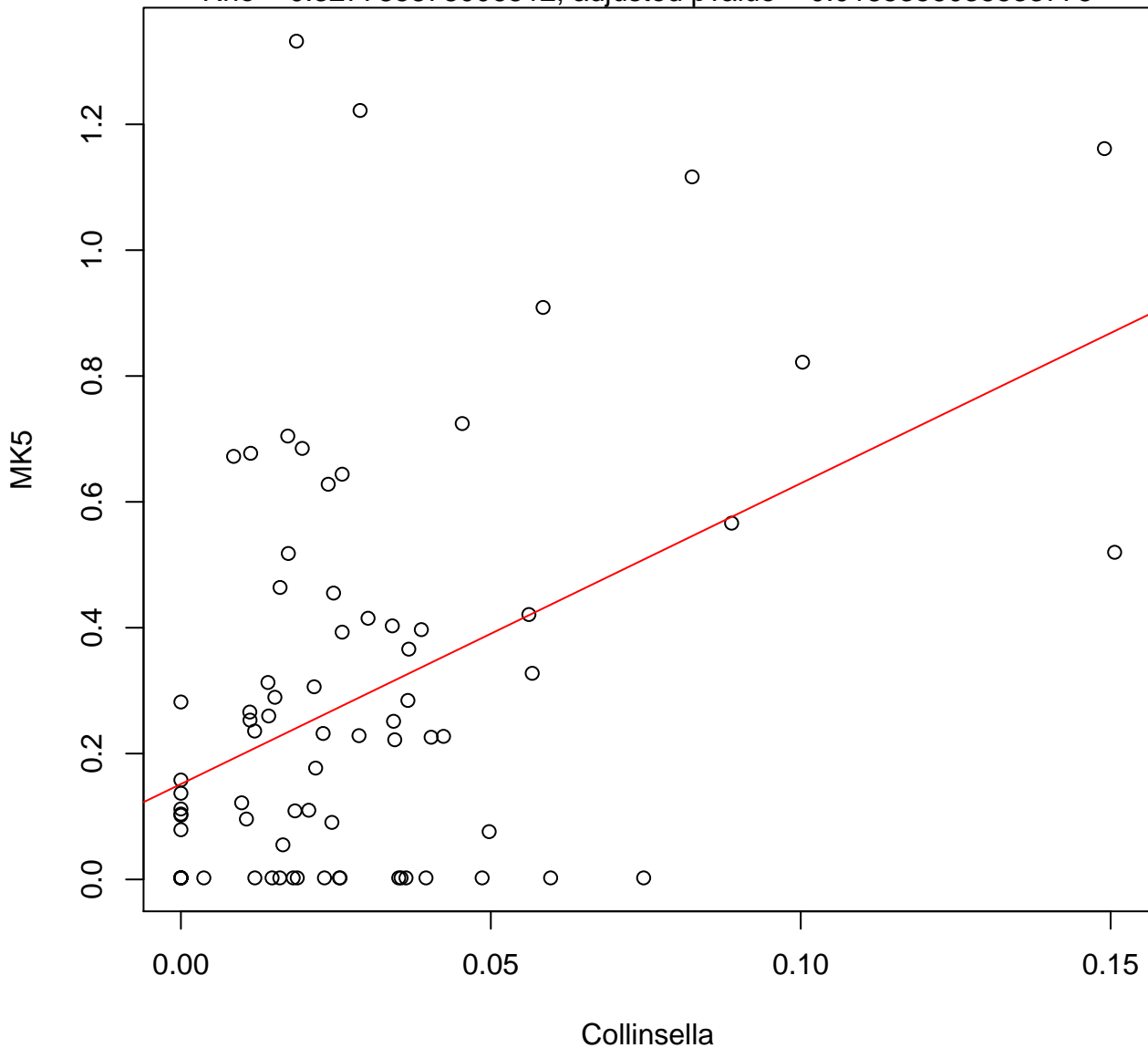
Timepoint 2 , MK5 ~ Coriobacteriaceae

Rho = 0.434496452755382, adjusted pvalue = 0.000844167063412717



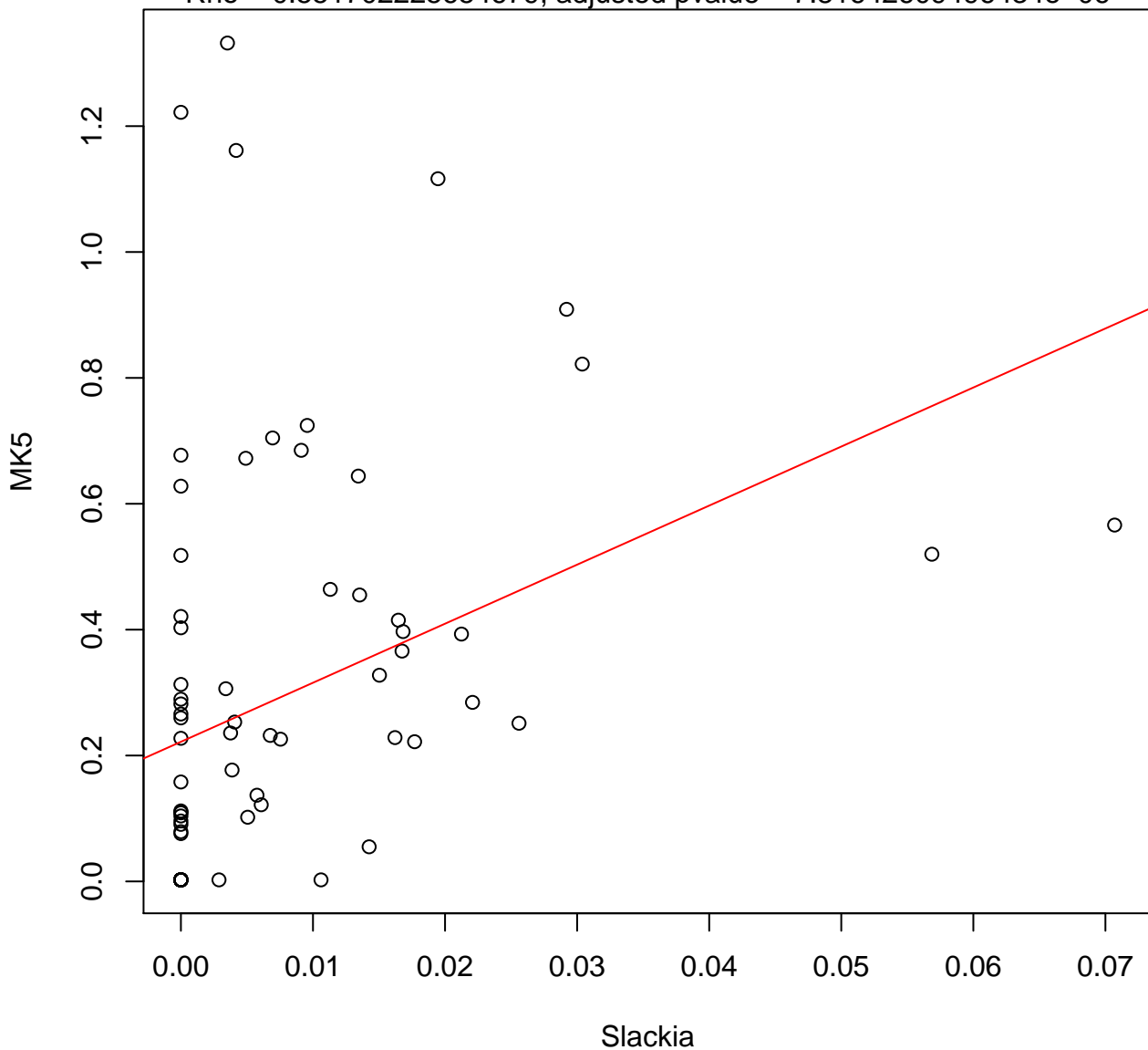
Timepoint 2 , MK5 ~ Collinsella

Rho = 0.327785878006512, adjusted pvalue = 0.0185356035533775



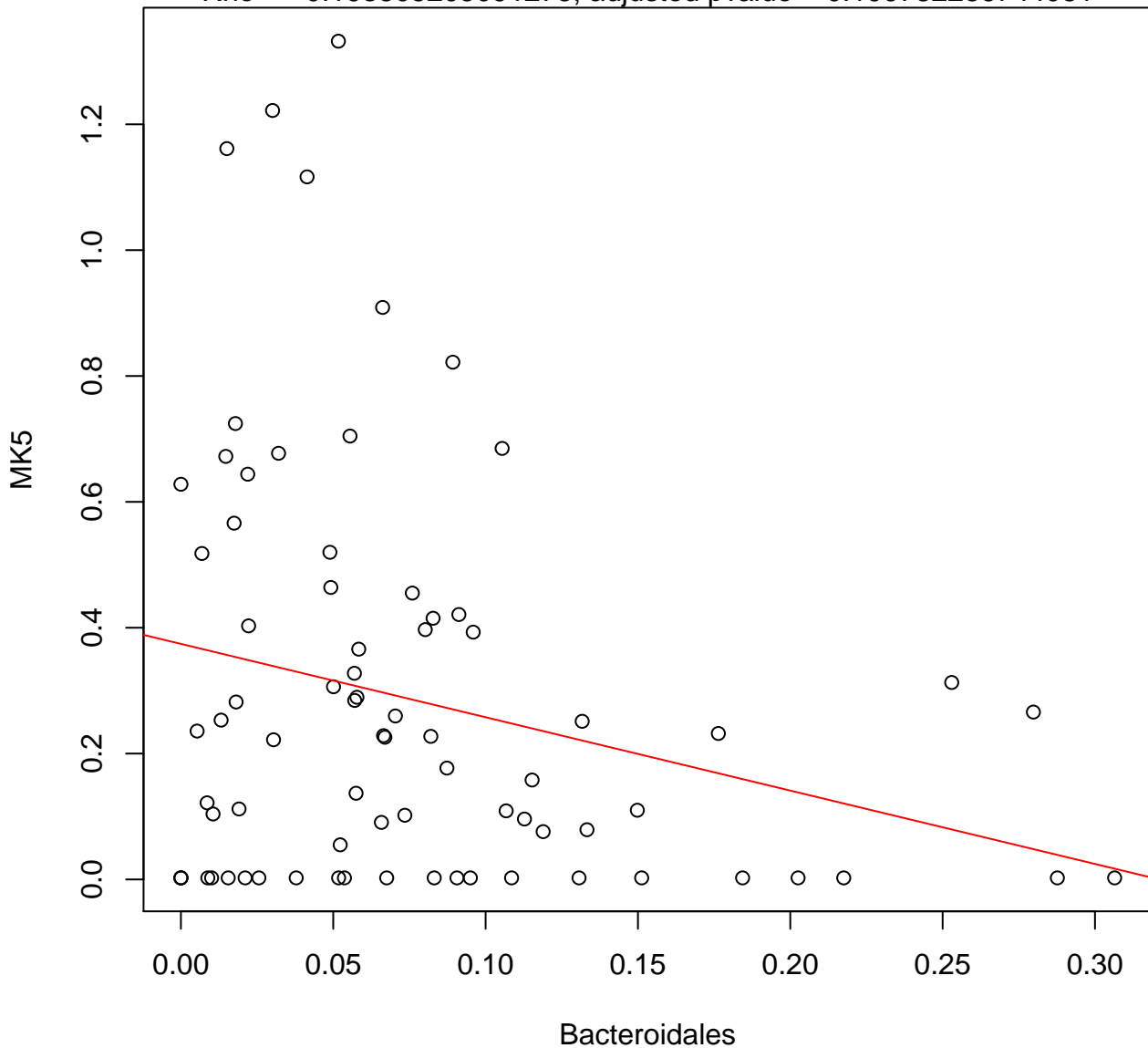
Timepoint 2 , MK5 ~ Slackia

Rho = 0.551702225654679, adjusted pvalue = 7.81642609496434e-06



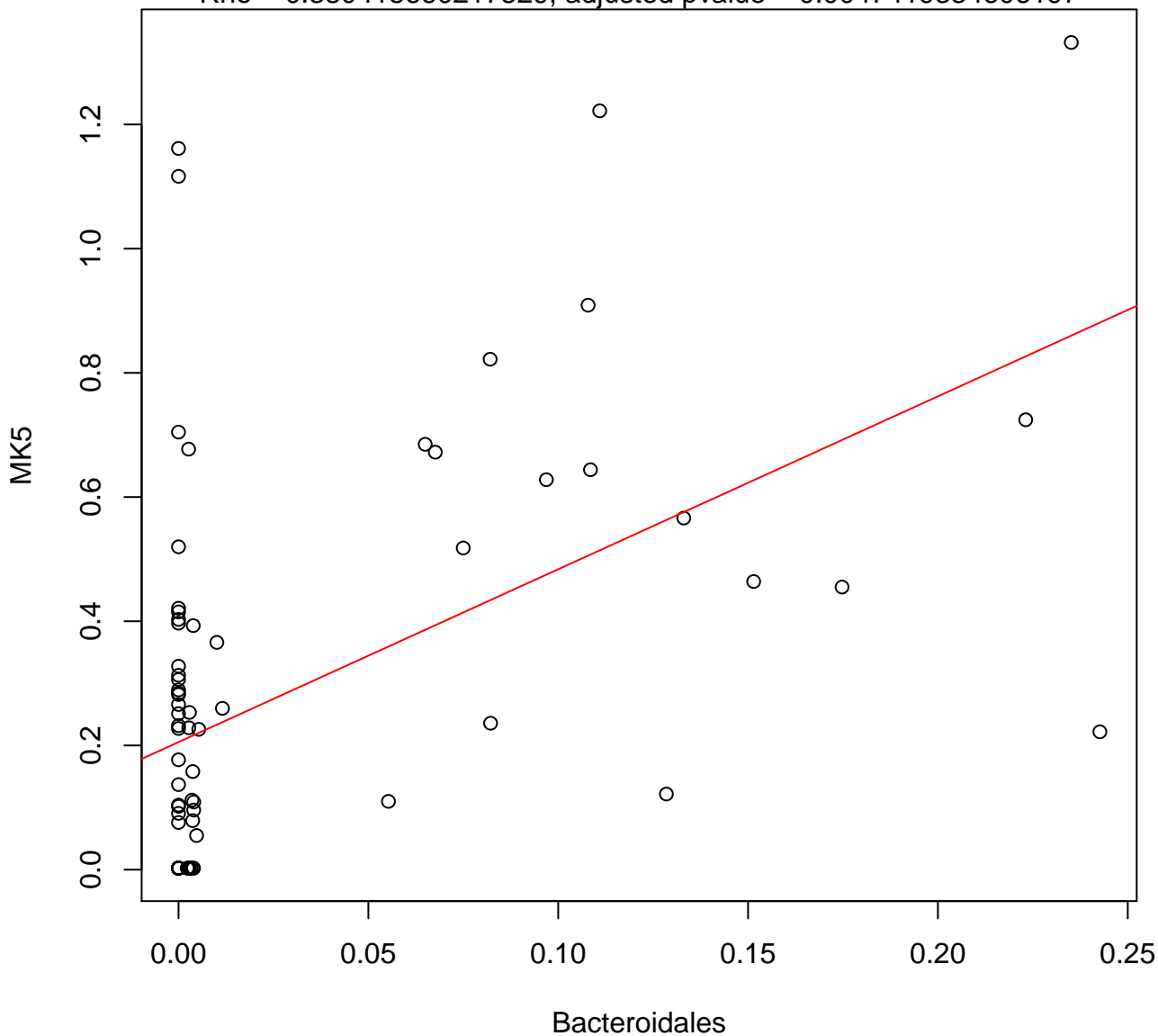
Timepoint 2 , MK5 ~ Bacteroidales

Rho = -0.193505205091275, adjusted pvalue = 0.199782286744081



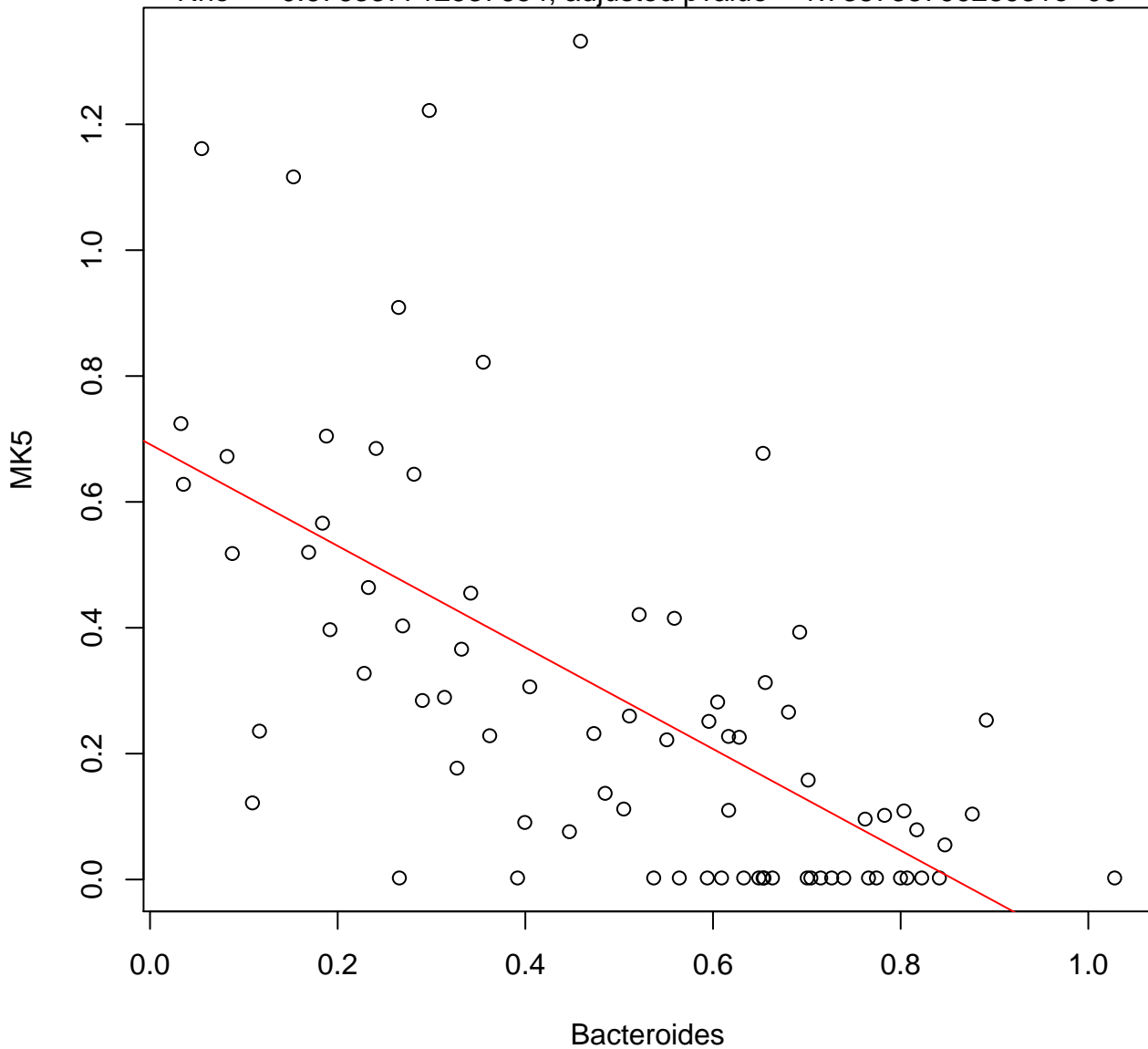
Timepoint 2 , MK5 ~ Bacteroidales

Rho = 0.380415660217529, adjusted pvalue = 0.0047419334606197



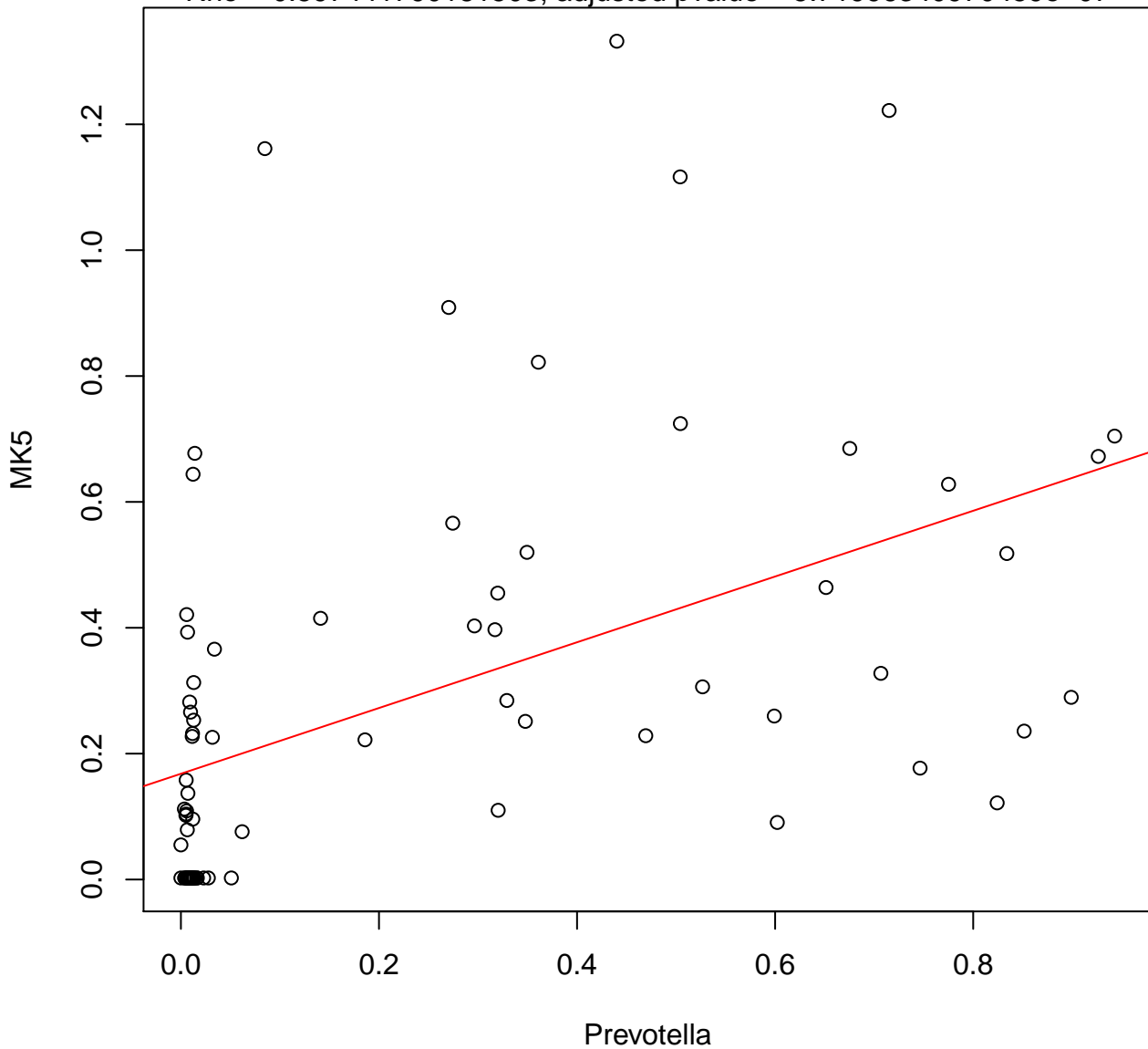
Timepoint 2 , MK5 ~ Bacteroides

Rho = -0.676337712537654 , adjusted pvalue = $1.73873879928931e-09$



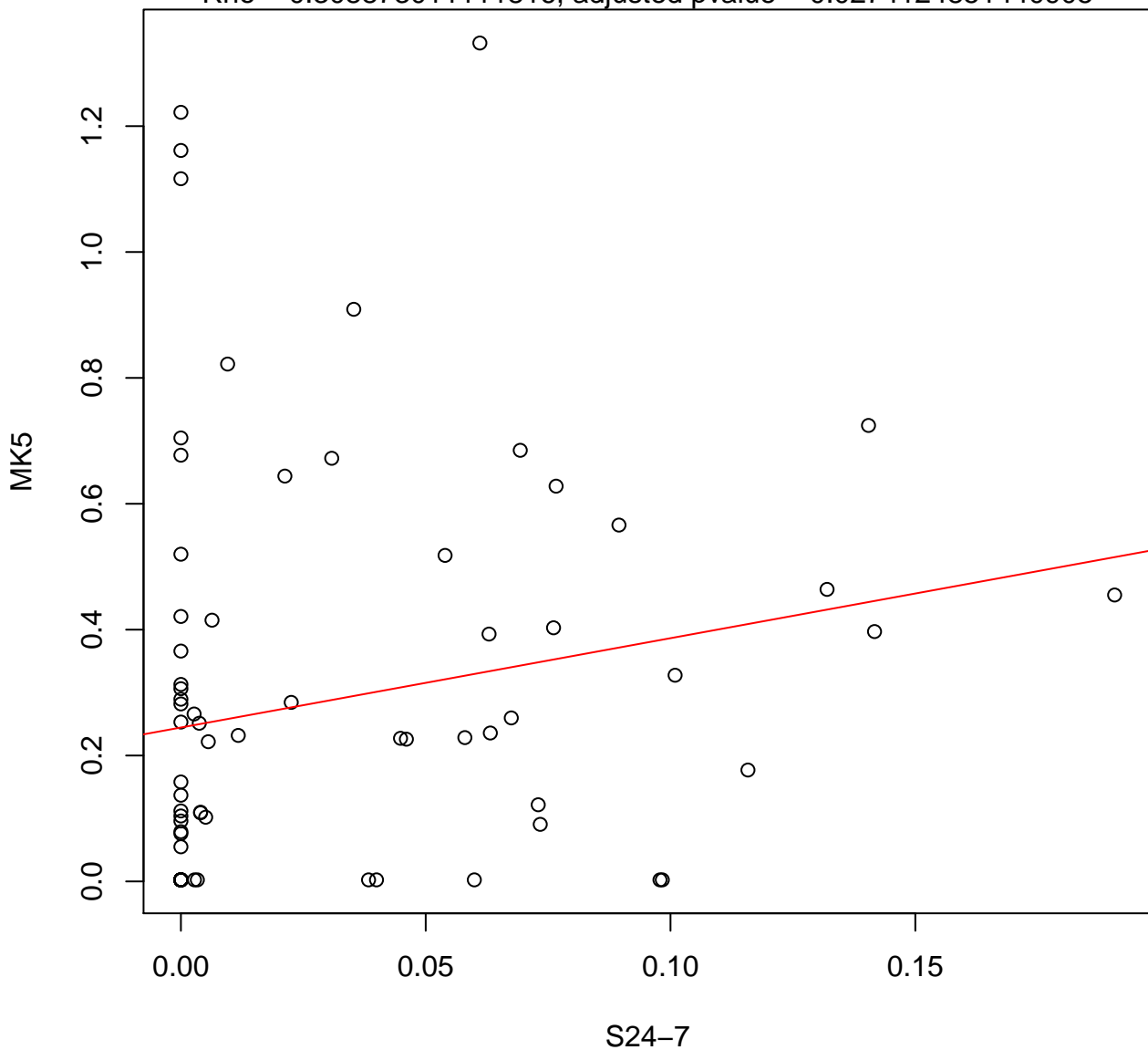
Timepoint 2 , MK5 ~ Prevotella

Rho = 0.597441790181503, adjusted pvalue = 5.71996340970459e-07



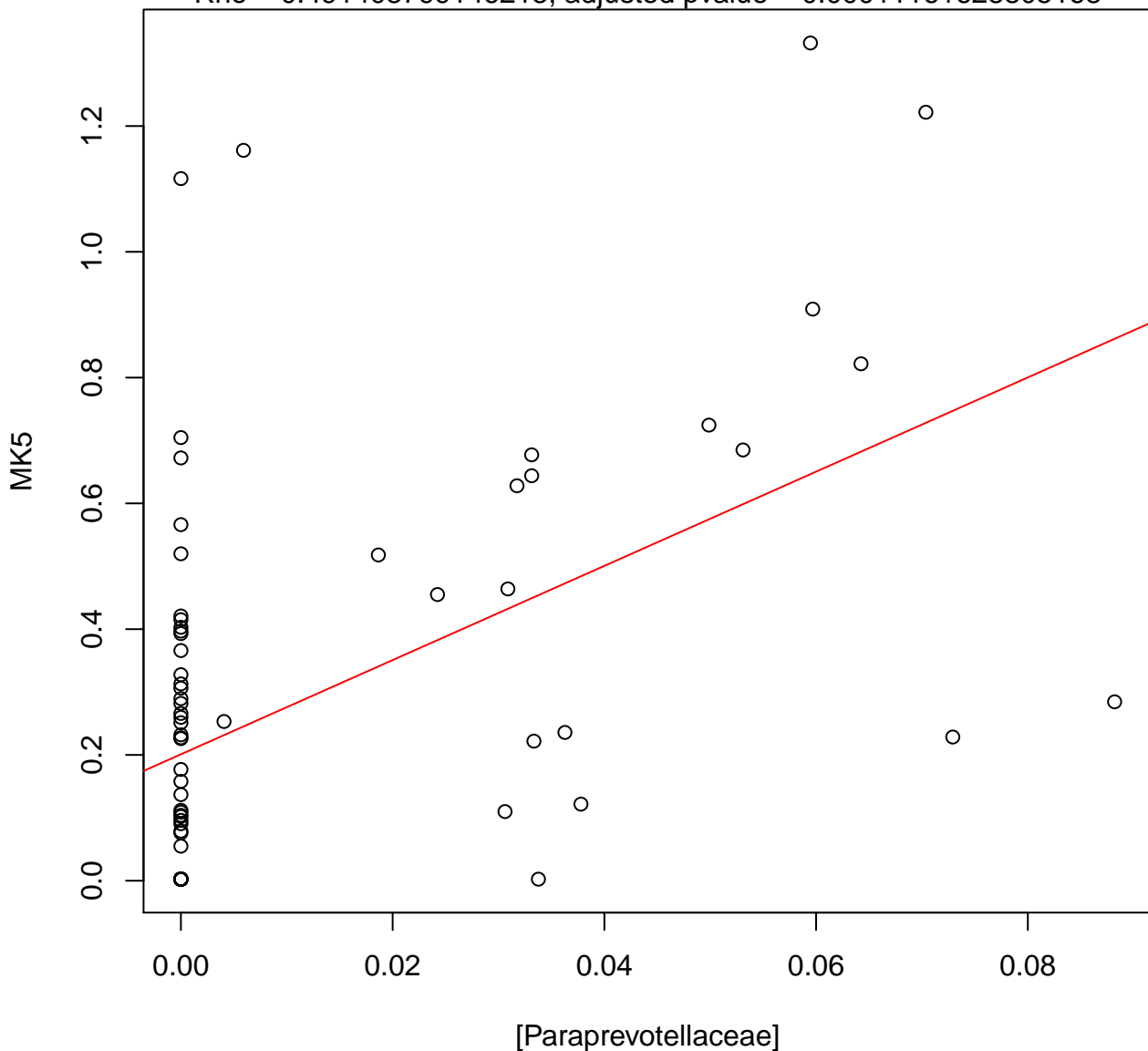
Timepoint 2 , MK5 ~ S24-7

Rho = 0.308873011111816, adjusted pvalue = 0.0274124851440905



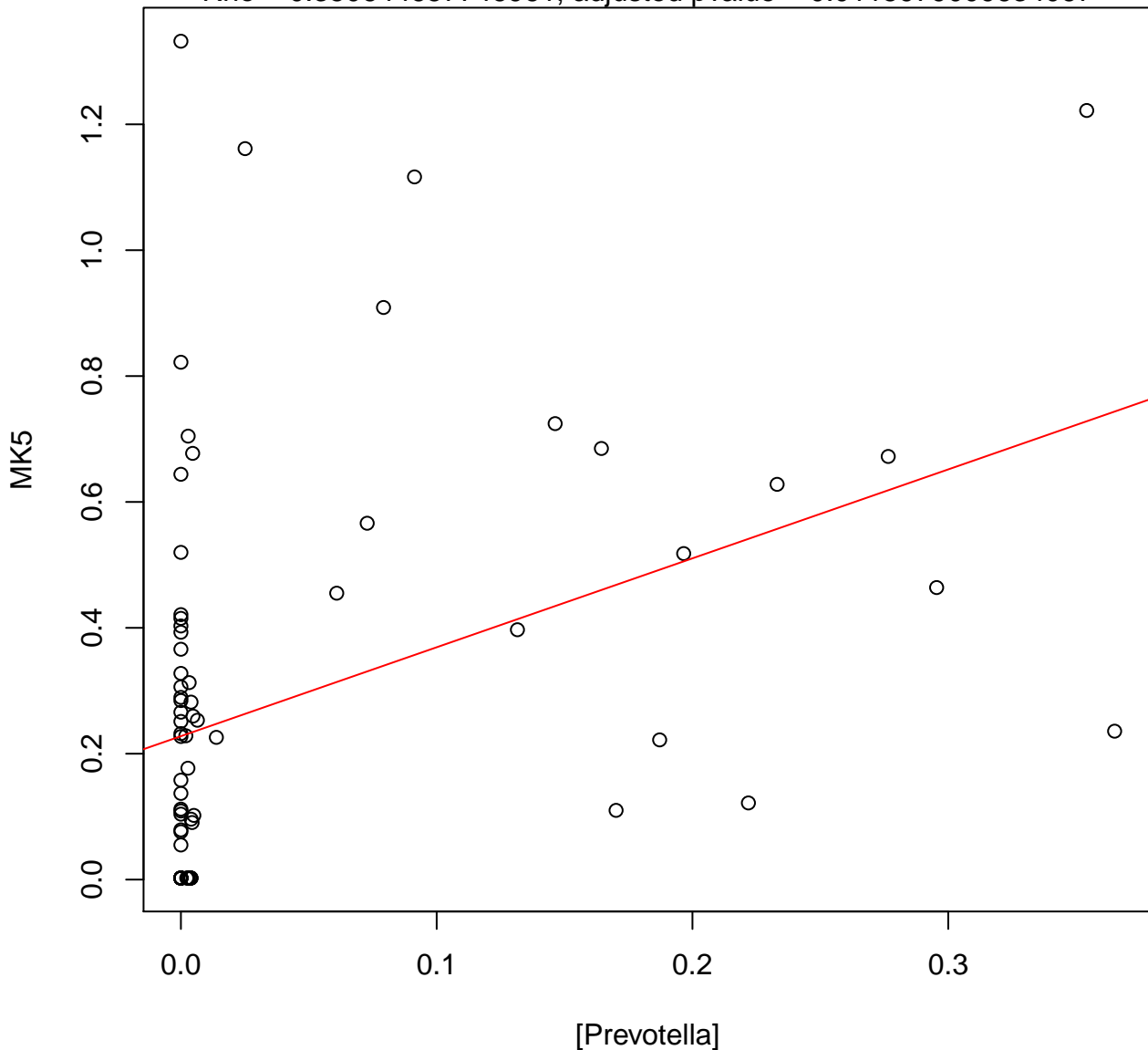
Timepoint 2 , MK5 ~ [Paraprevotellaceae]

Rho = 0.491408799146213, adjusted pvalue = 0.00011161628805168



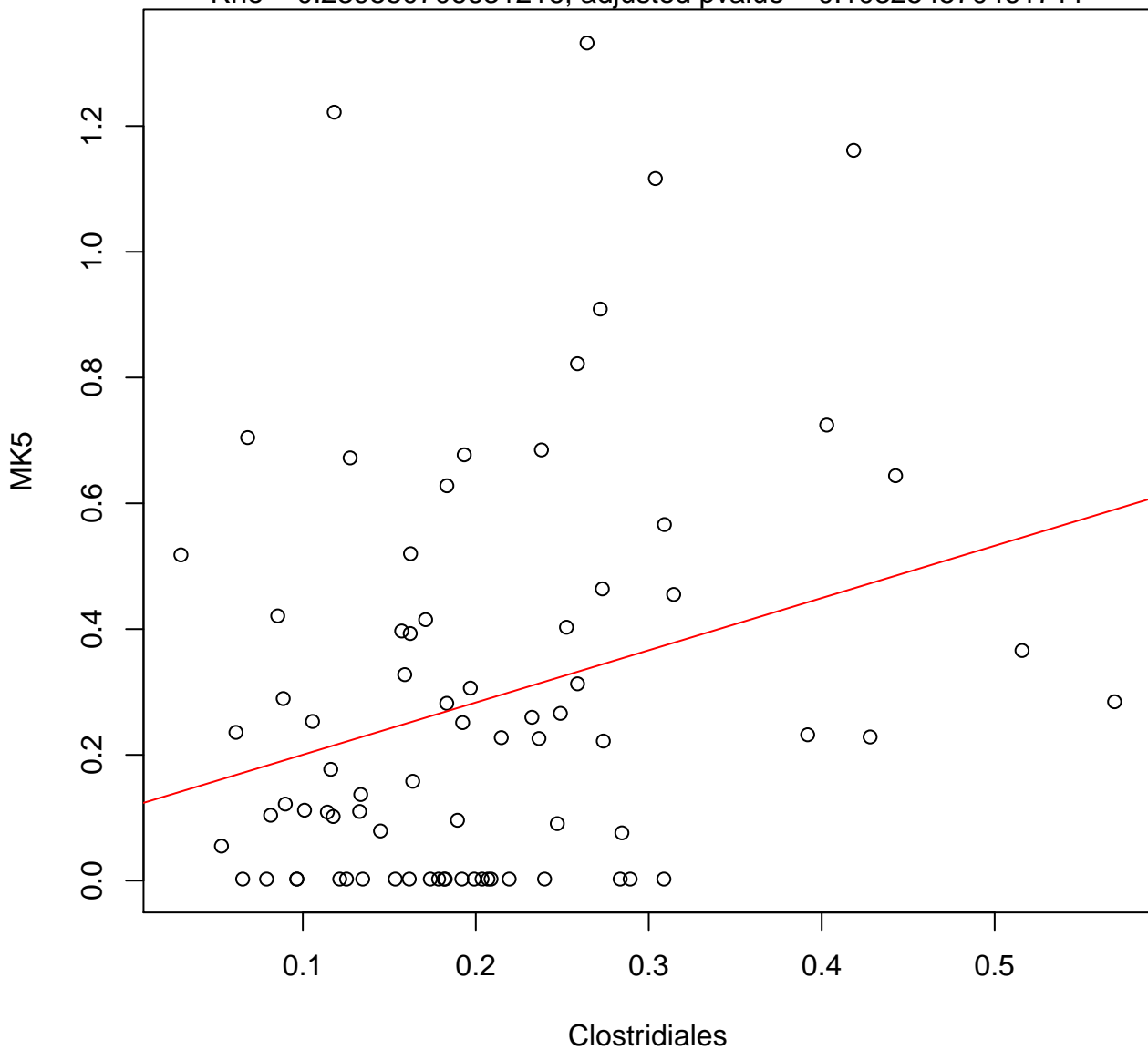
Timepoint 2 , MK5 ~ [Prevotella]

Rho = 0.350644657746961, adjusted pvalue = 0.0115979009634067



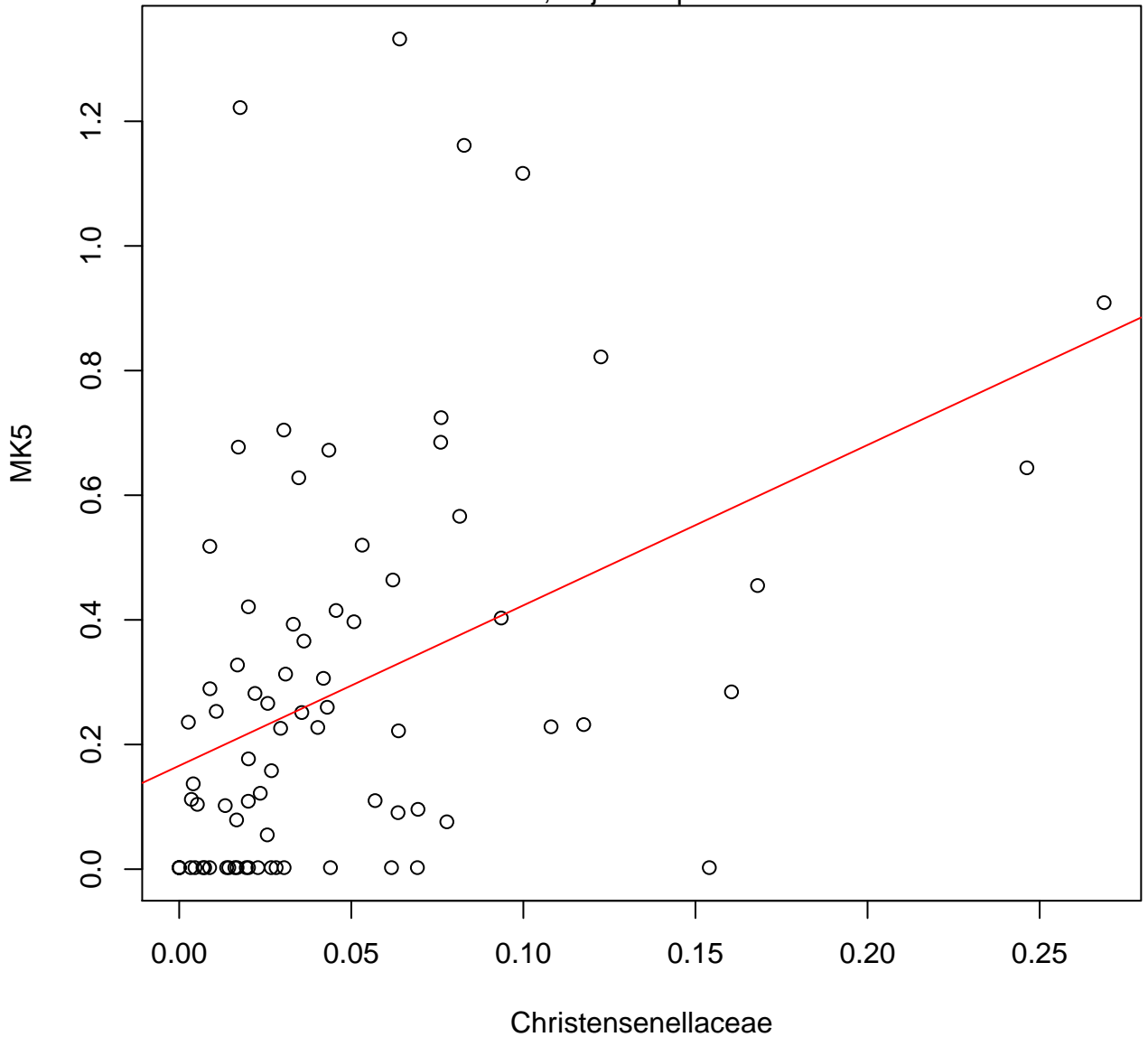
Timepoint 2 , MK5 ~ Clostridiales

Rho = 0.239550706631216, adjusted pvalue = 0.103254570461711



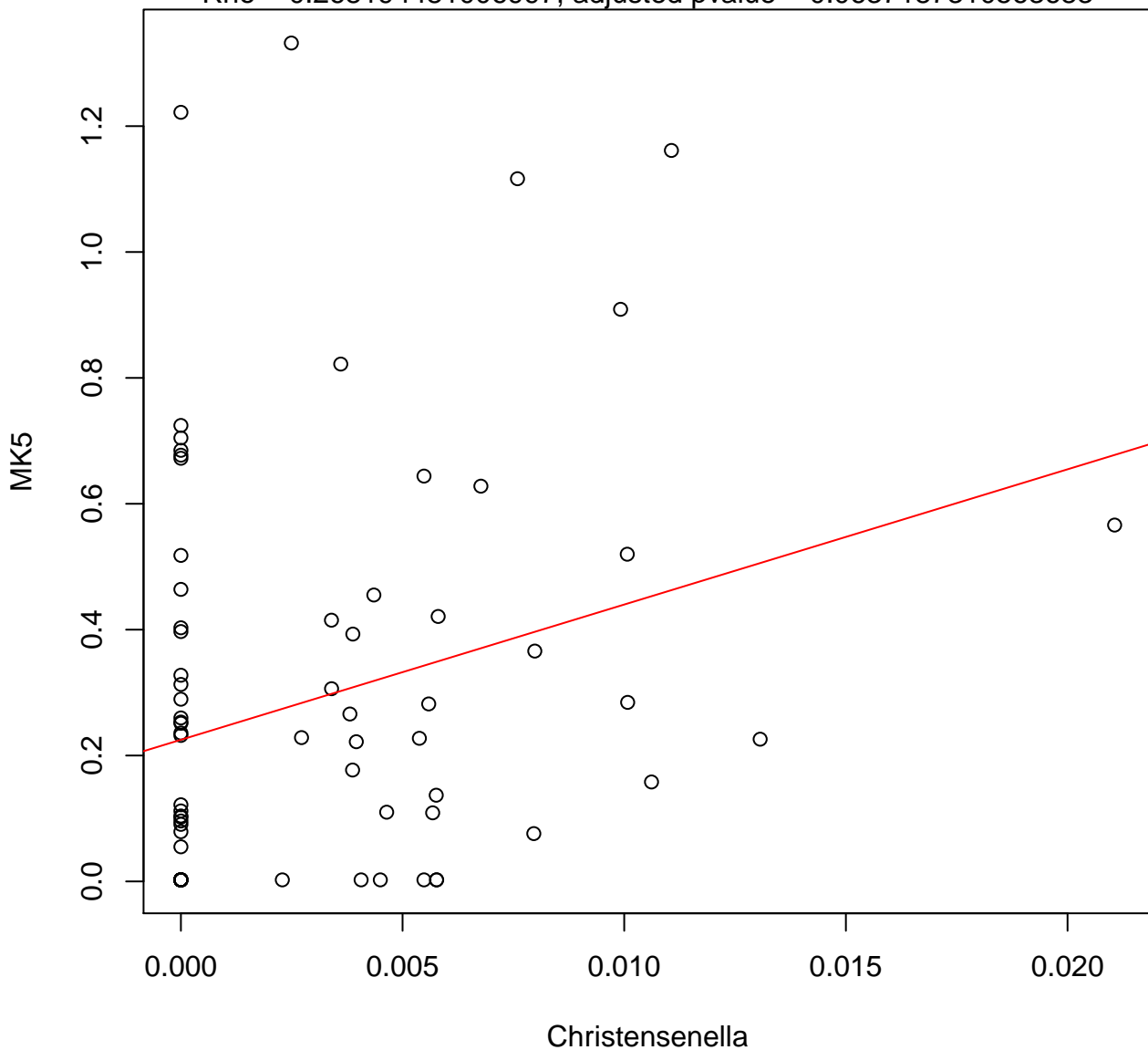
Timepoint 2 , MK5 ~ Christensenellaceae

Rho = 0.492163827422812, adjusted pvalue = 0.00011161628805168



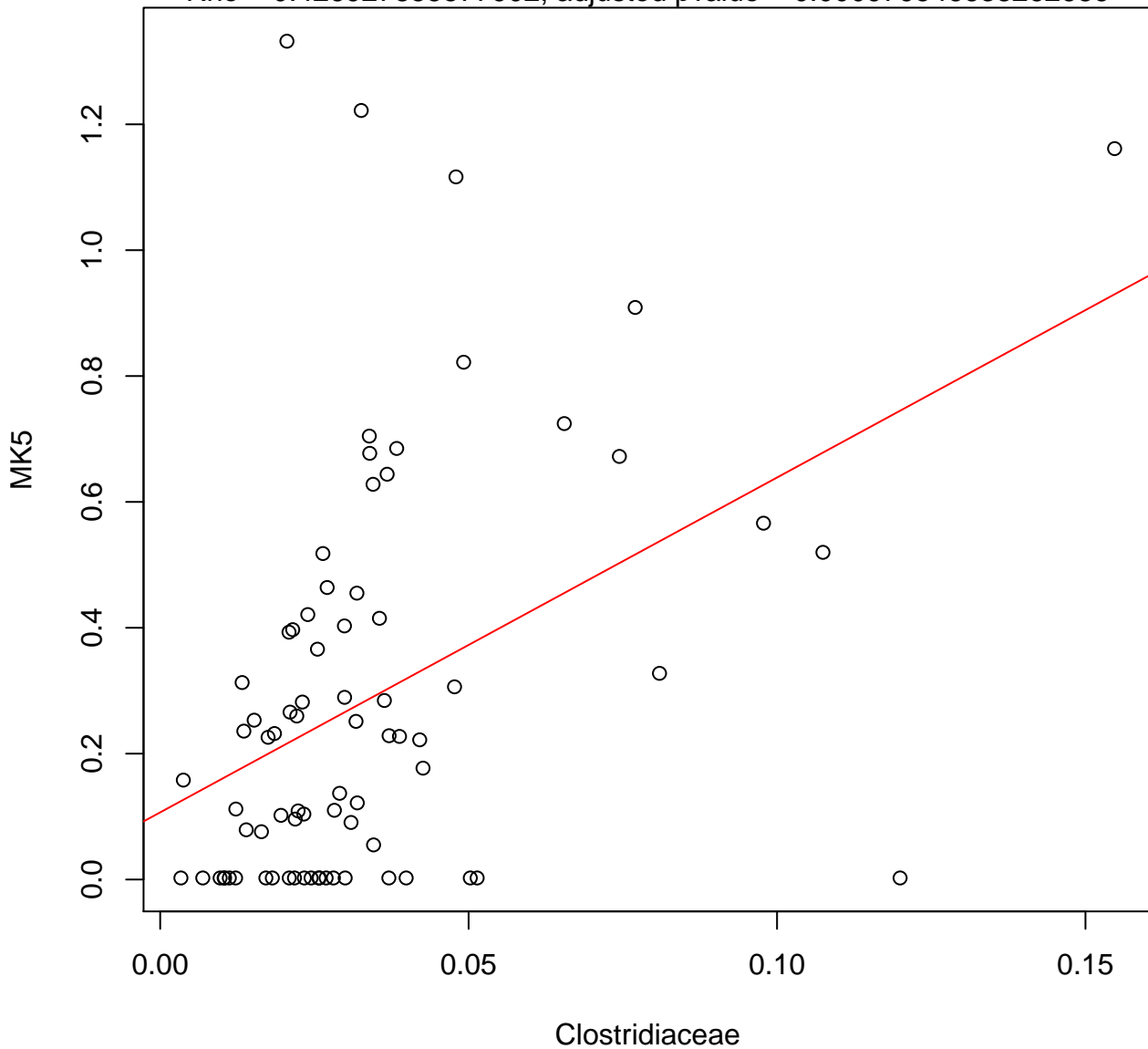
Timepoint 2 , MK5 ~ Christensenella

Rho = 0.268194481006997, adjusted pvalue = 0.0637187310563683



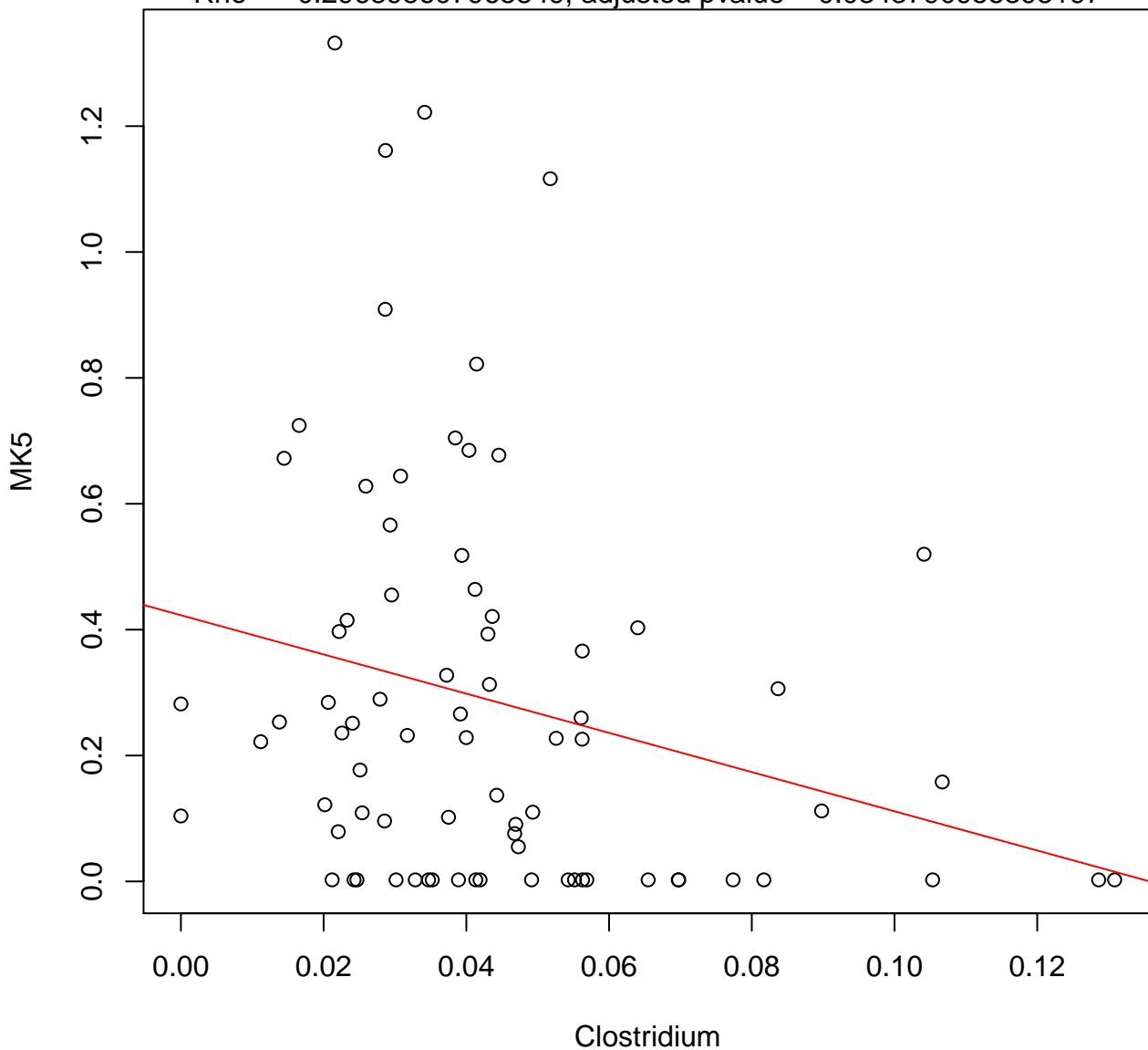
Timepoint 2 , MK5 ~ Clostridiaceae

Rho = 0.426927855577902, adjusted pvalue = 0.000979546638262686



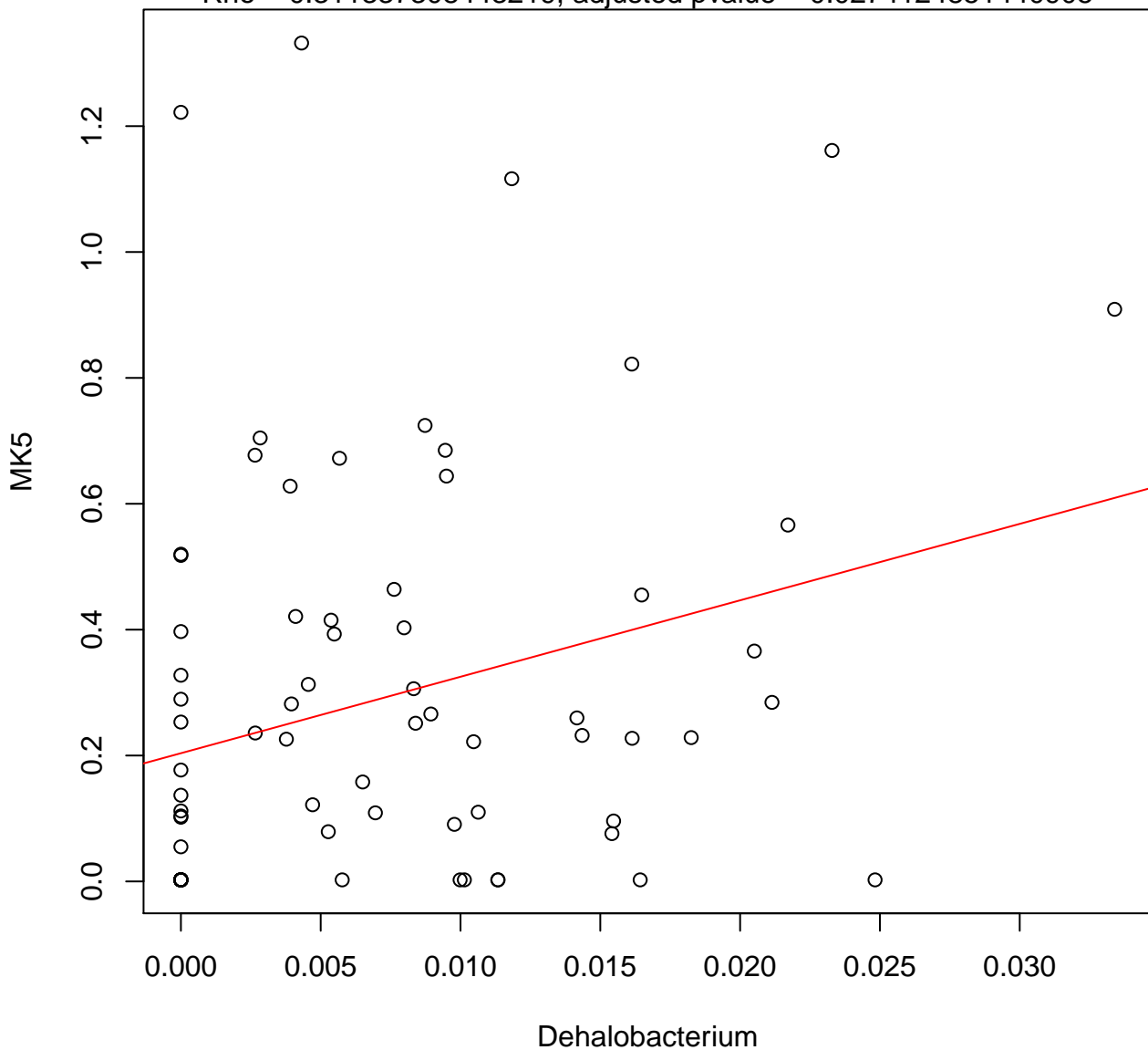
Timepoint 2 , MK5 ~ Clostridium

Rho = -0.296895607965849 , adjusted pvalue = 0.0343790955395197



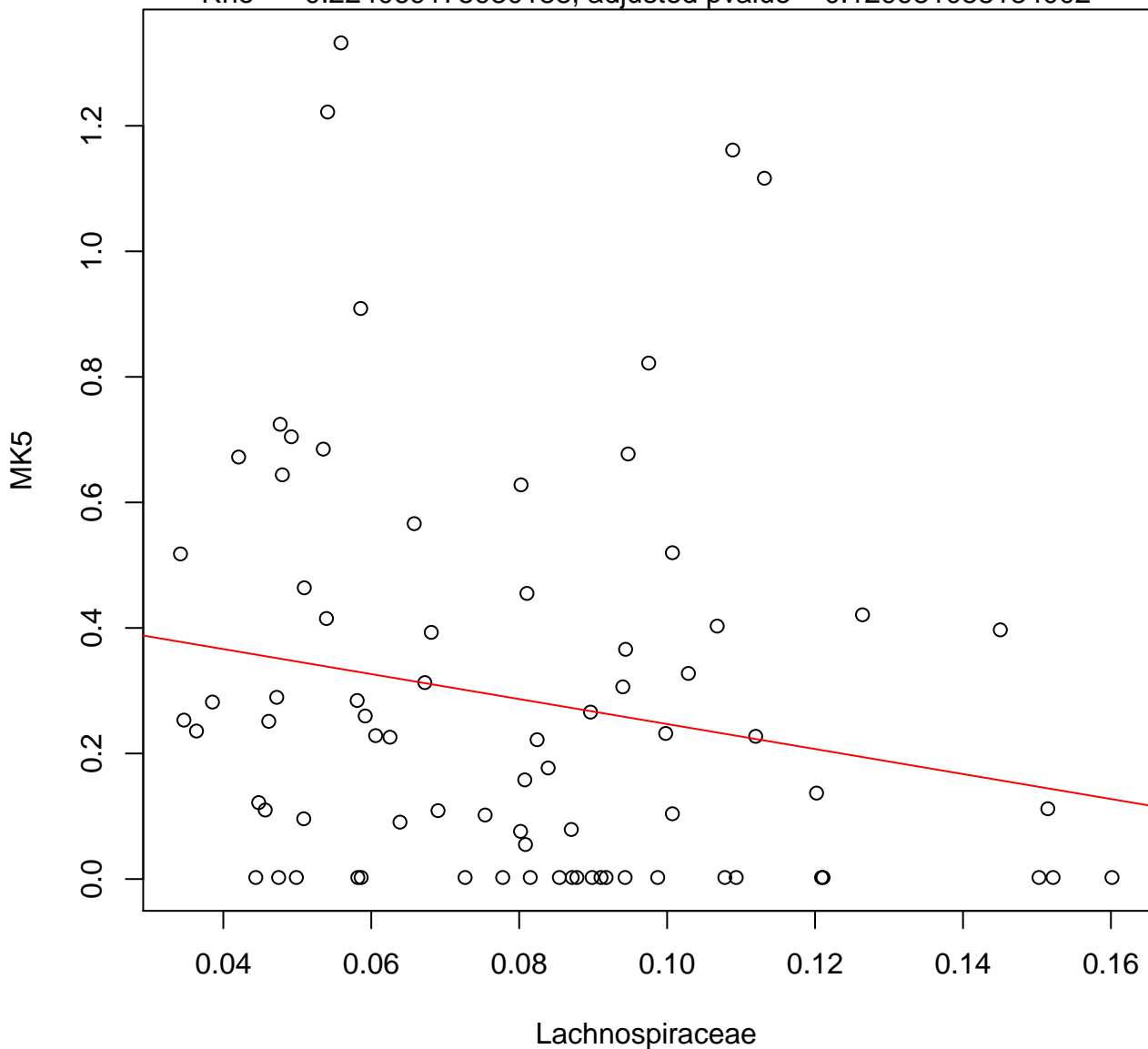
Timepoint 2 , MK5 ~ Dehalobacterium

Rho = 0.311337308443219, adjusted pvalue = 0.0274124851440905



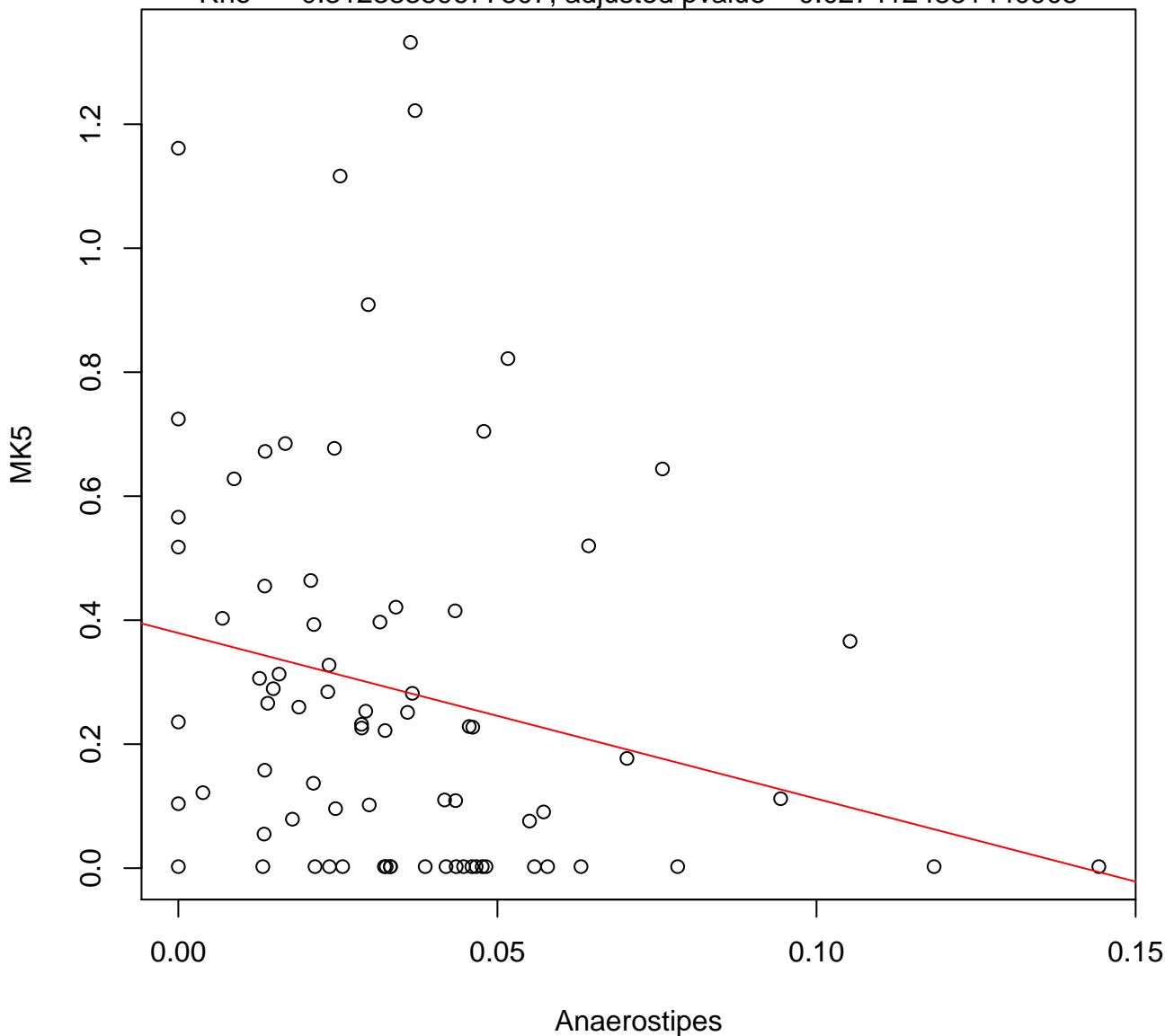
Timepoint 2 , MK5 ~ Lachnospiraceae

Rho = -0.224069175980188 , adjusted pvalue = 0.129981058184002



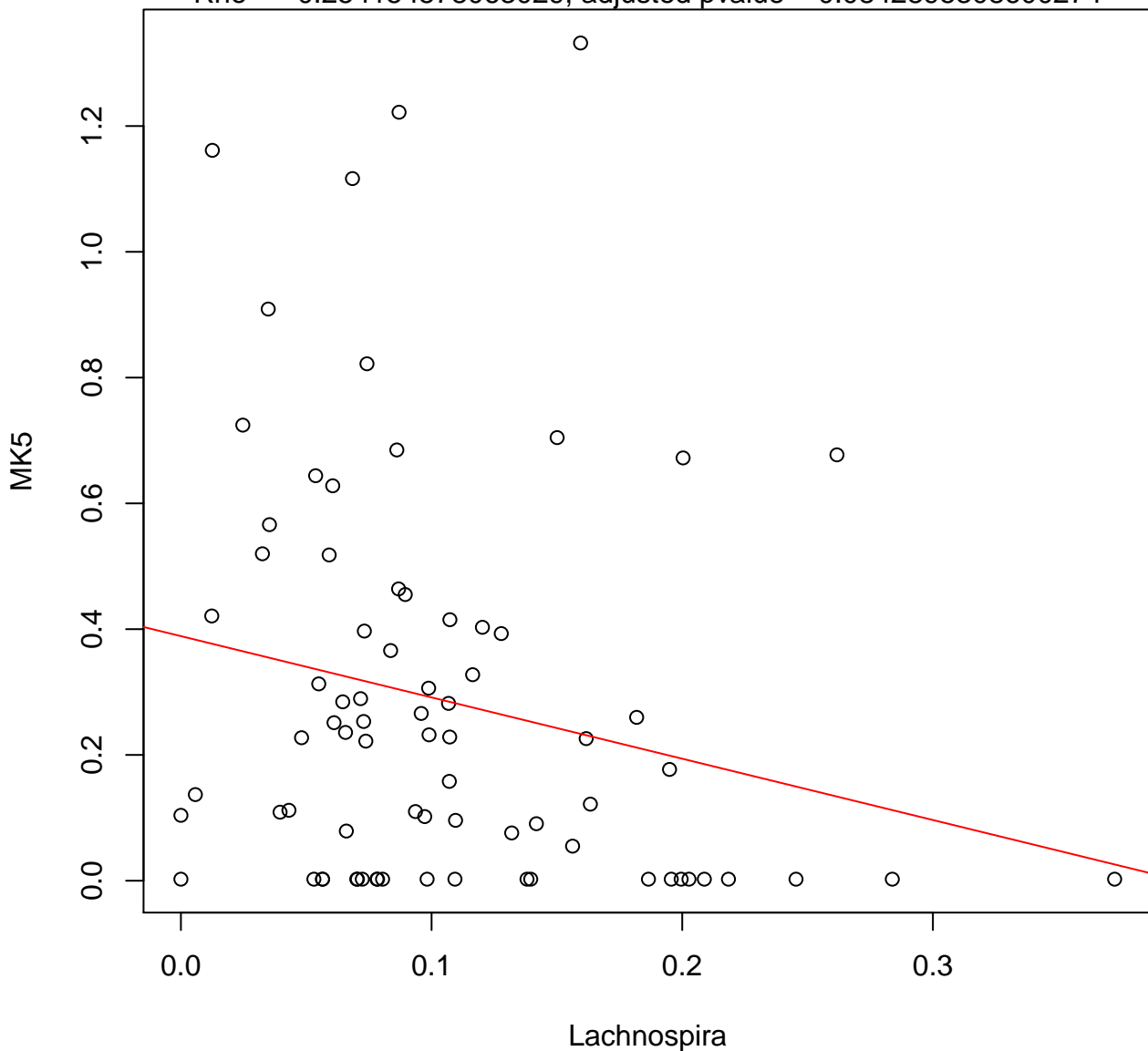
Timepoint 2 , MK5 ~ Anaerostipes

Rho = -0.31238359677807 , adjusted pvalue = 0.0274124851440905



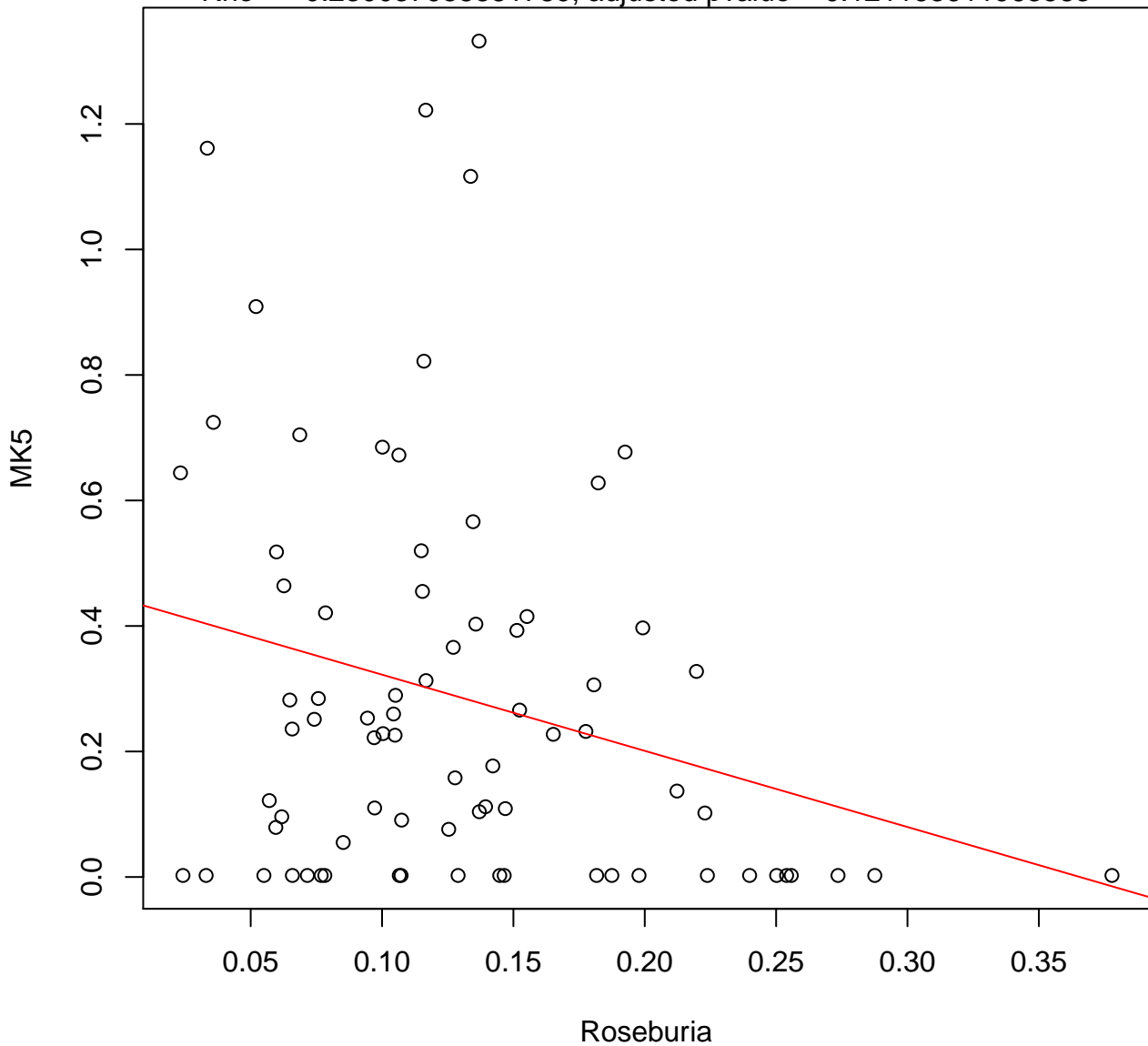
Timepoint 2 , MK5 ~ Lachnospira

Rho = -0.254154578063029 , adjusted pvalue = 0.0842895308600274



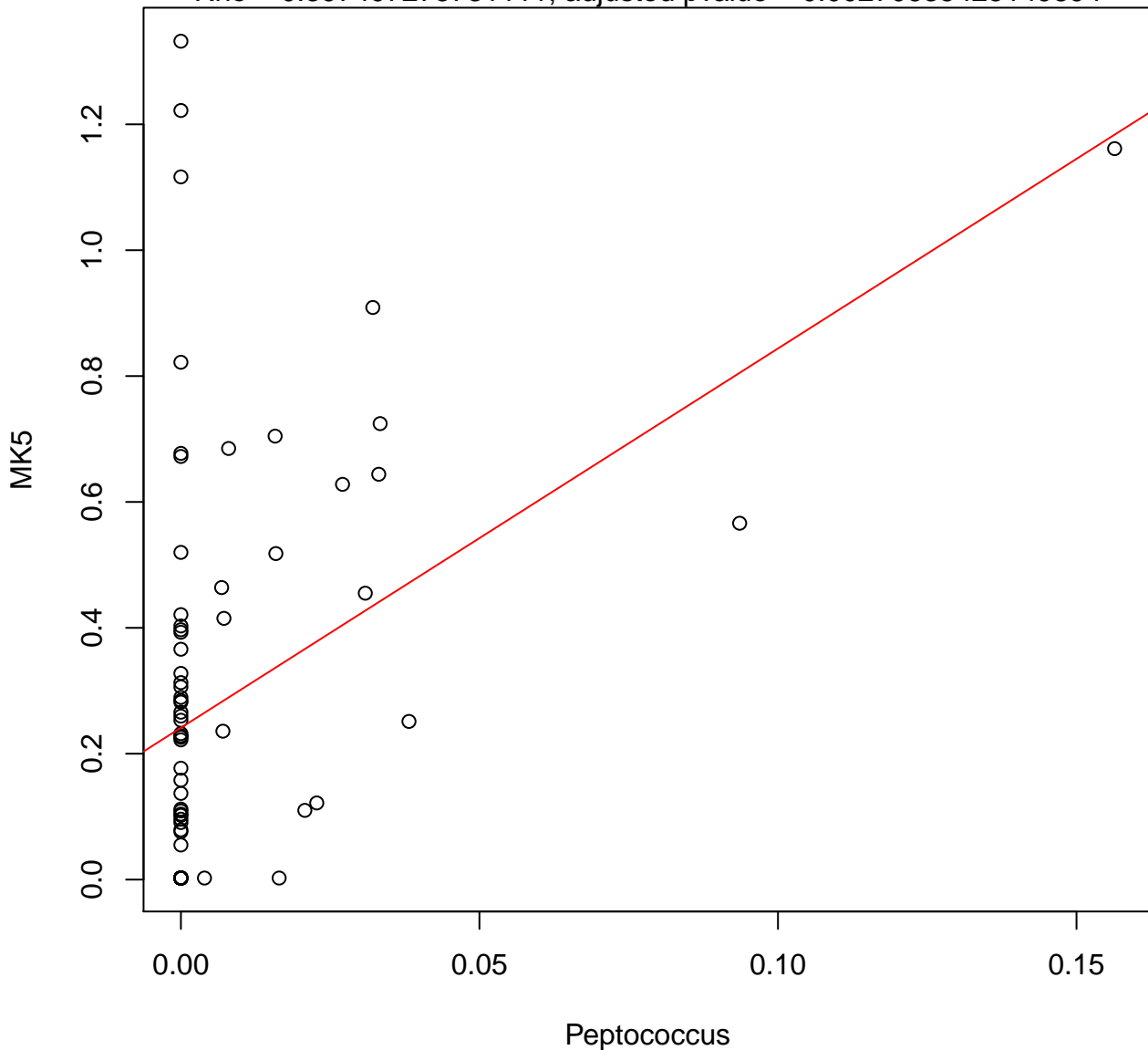
Timepoint 2 , MK5 ~ Roseburia

Rho = -0.230037958881789 , adjusted pvalue = 0.121163611963583



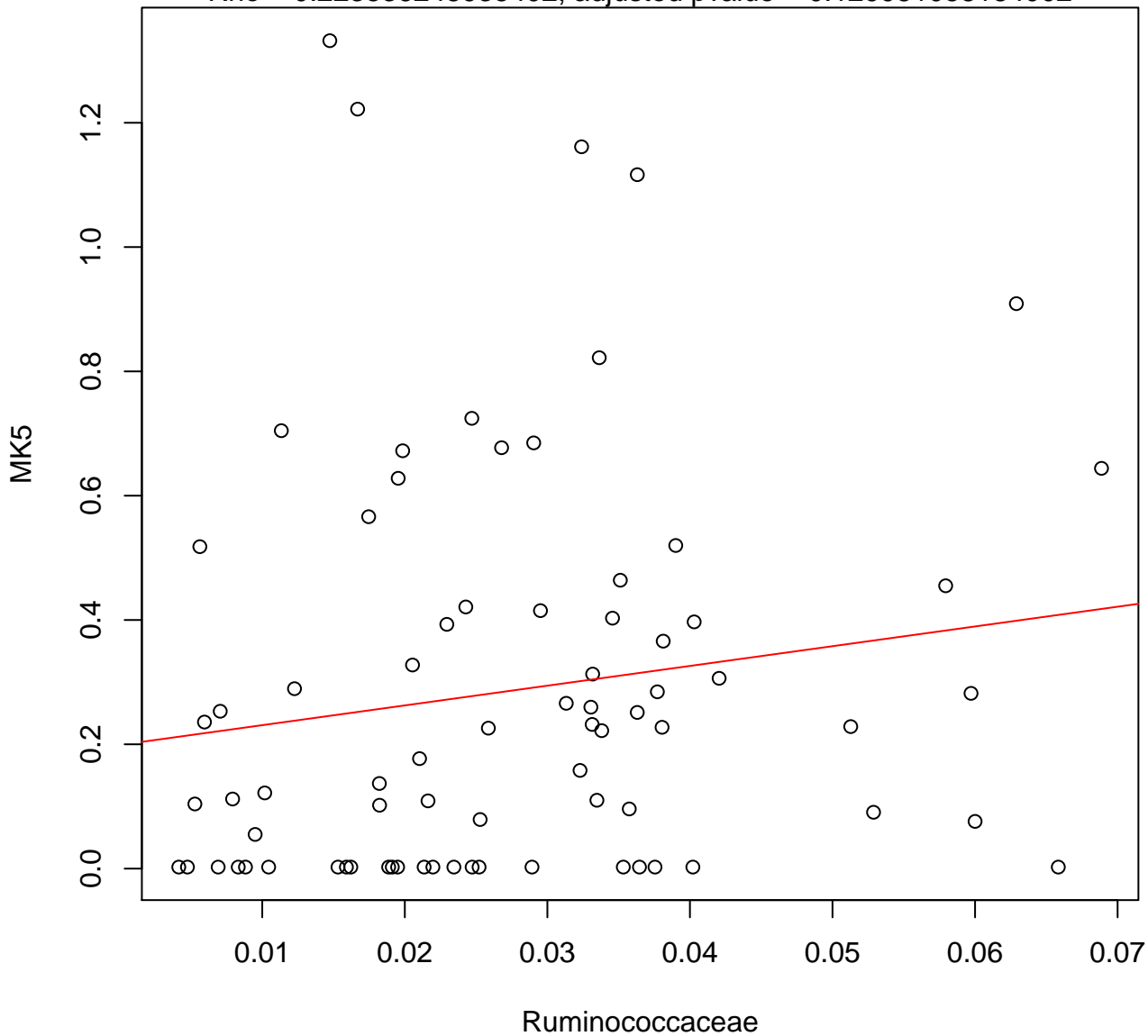
Timepoint 2 , MK5 ~ Peptococcus

Rho = 0.397497275731111, adjusted pvalue = 0.00270635425149894



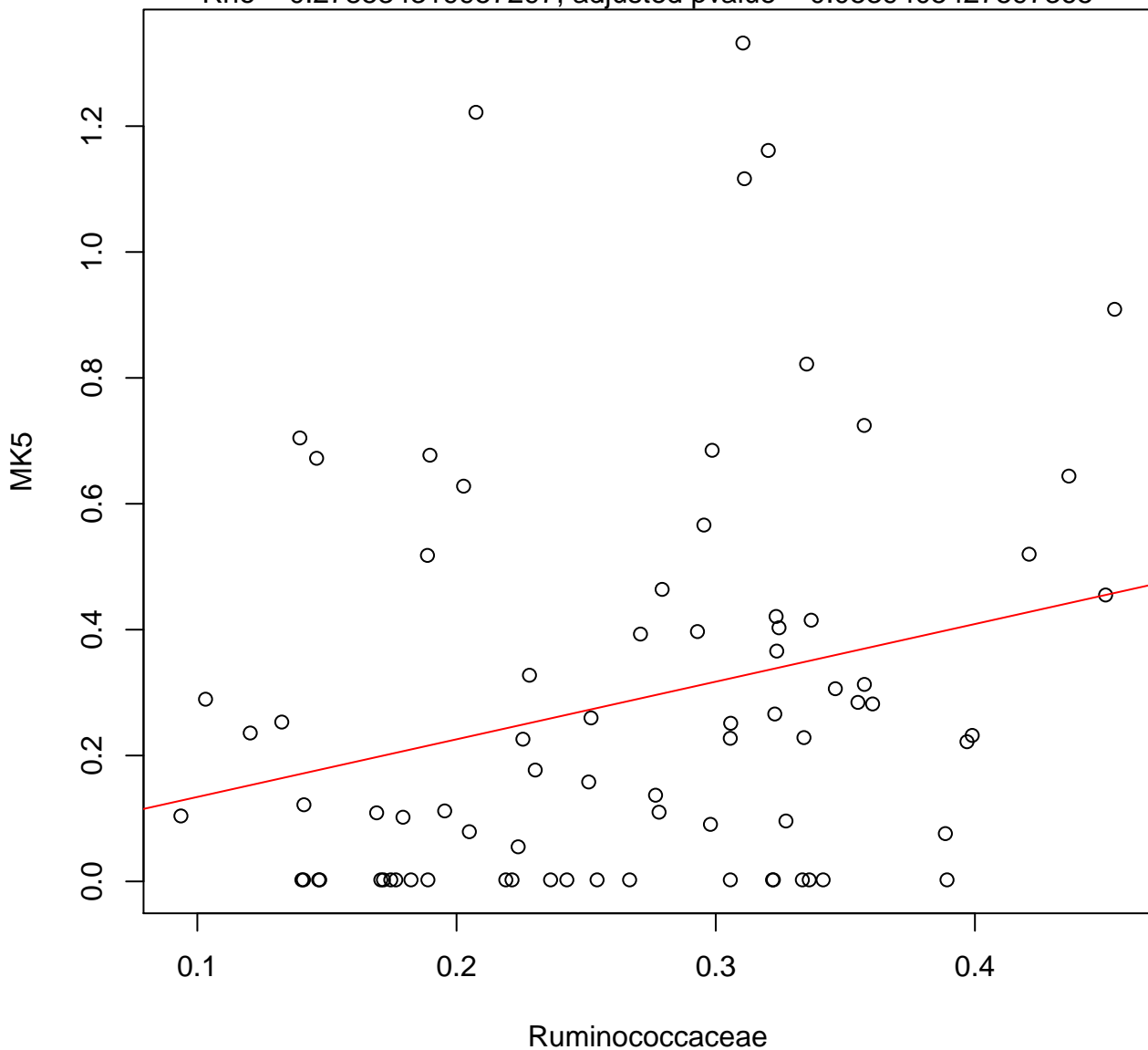
Timepoint 2 , MK5 ~ Ruminococcaceae

Rho = 0.223536248935402, adjusted pvalue = 0.129981058184002



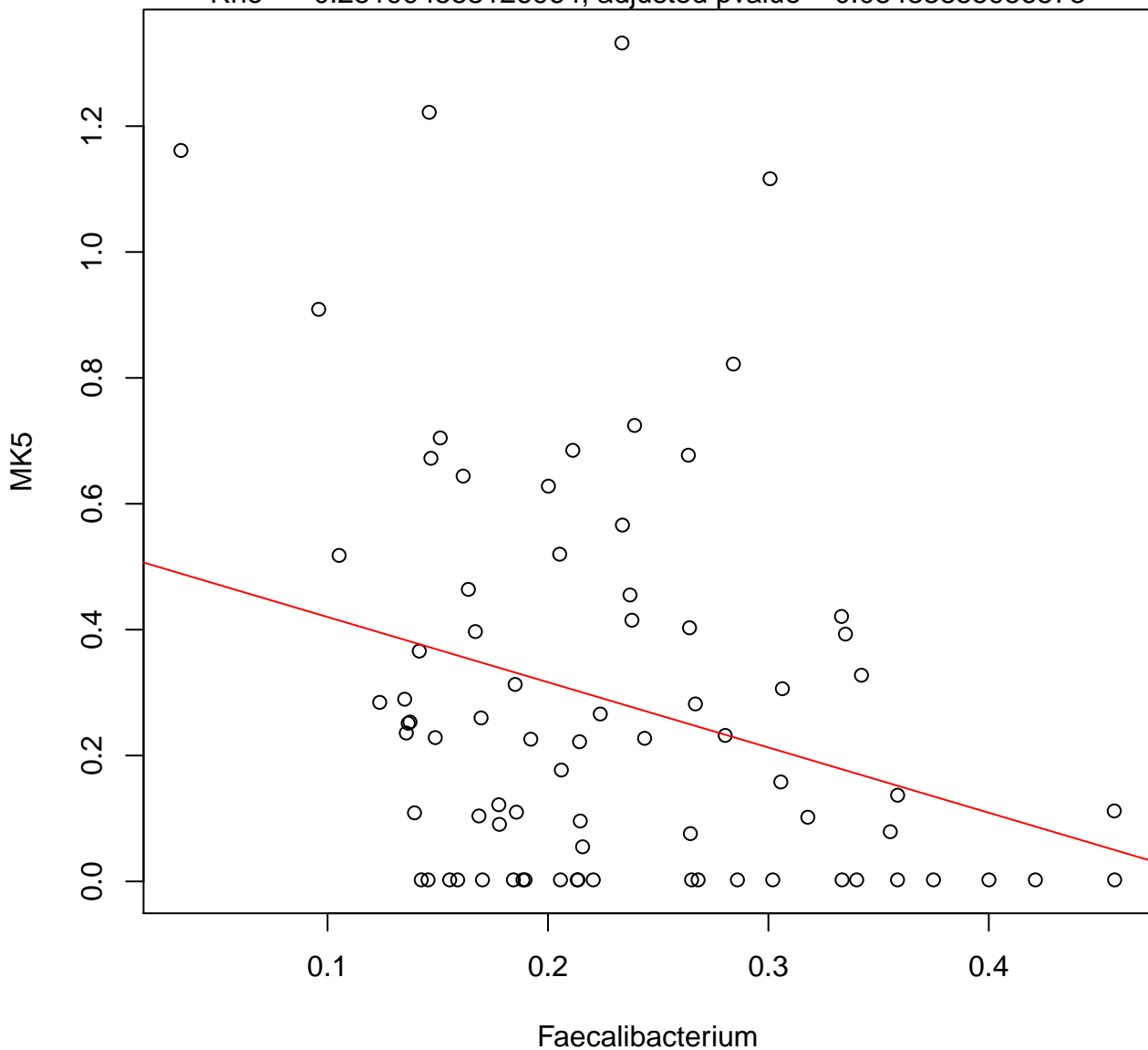
Timepoint 2 , MK5 ~ Ruminococcaceae

Rho = 0.278534319957297, adjusted pvalue = 0.0539405427597365



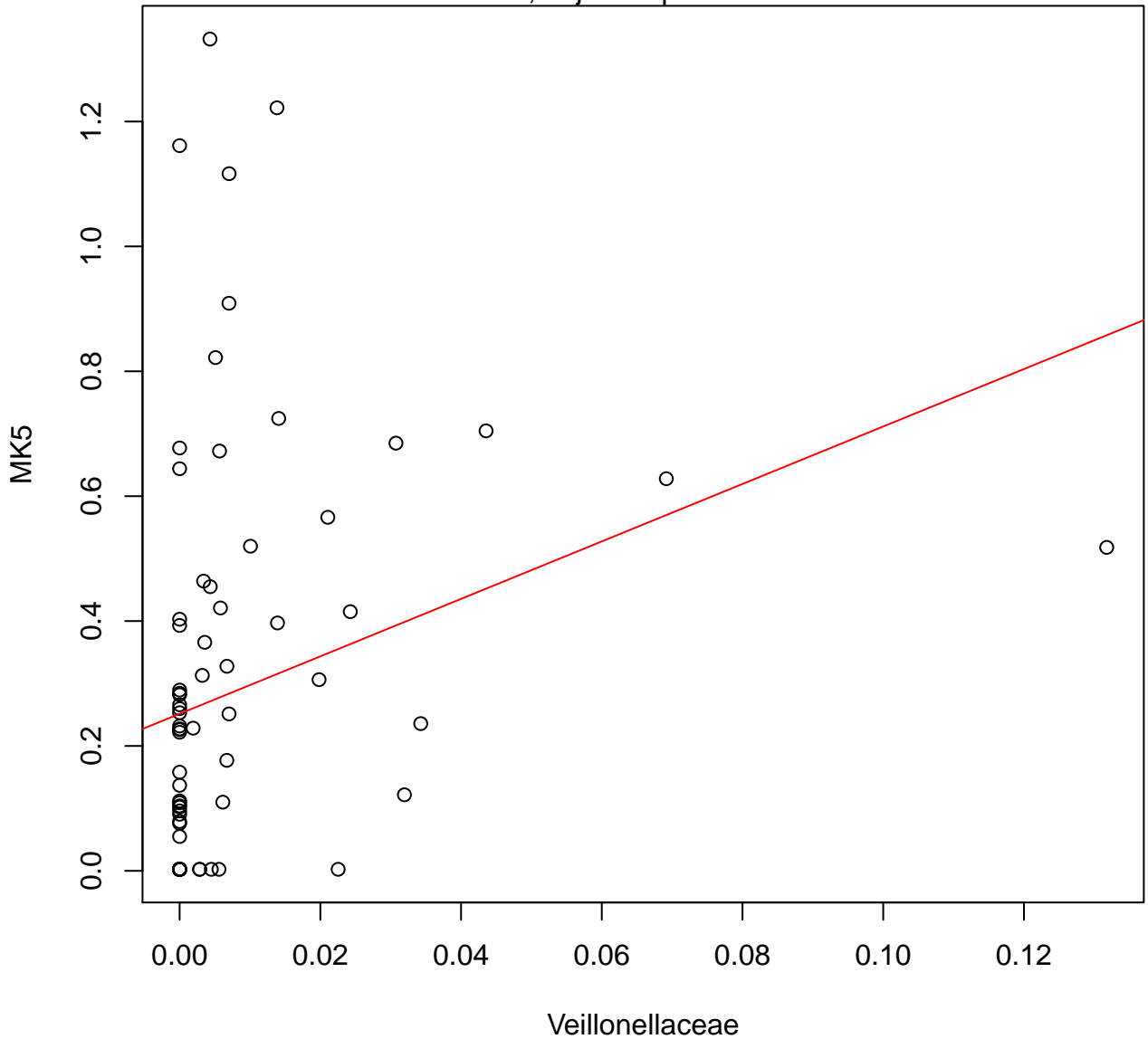
Timepoint 2 , MK5 ~ Faecalibacterium

Rho = -0.251994553126964 , adjusted pvalue = 0.08433855956573



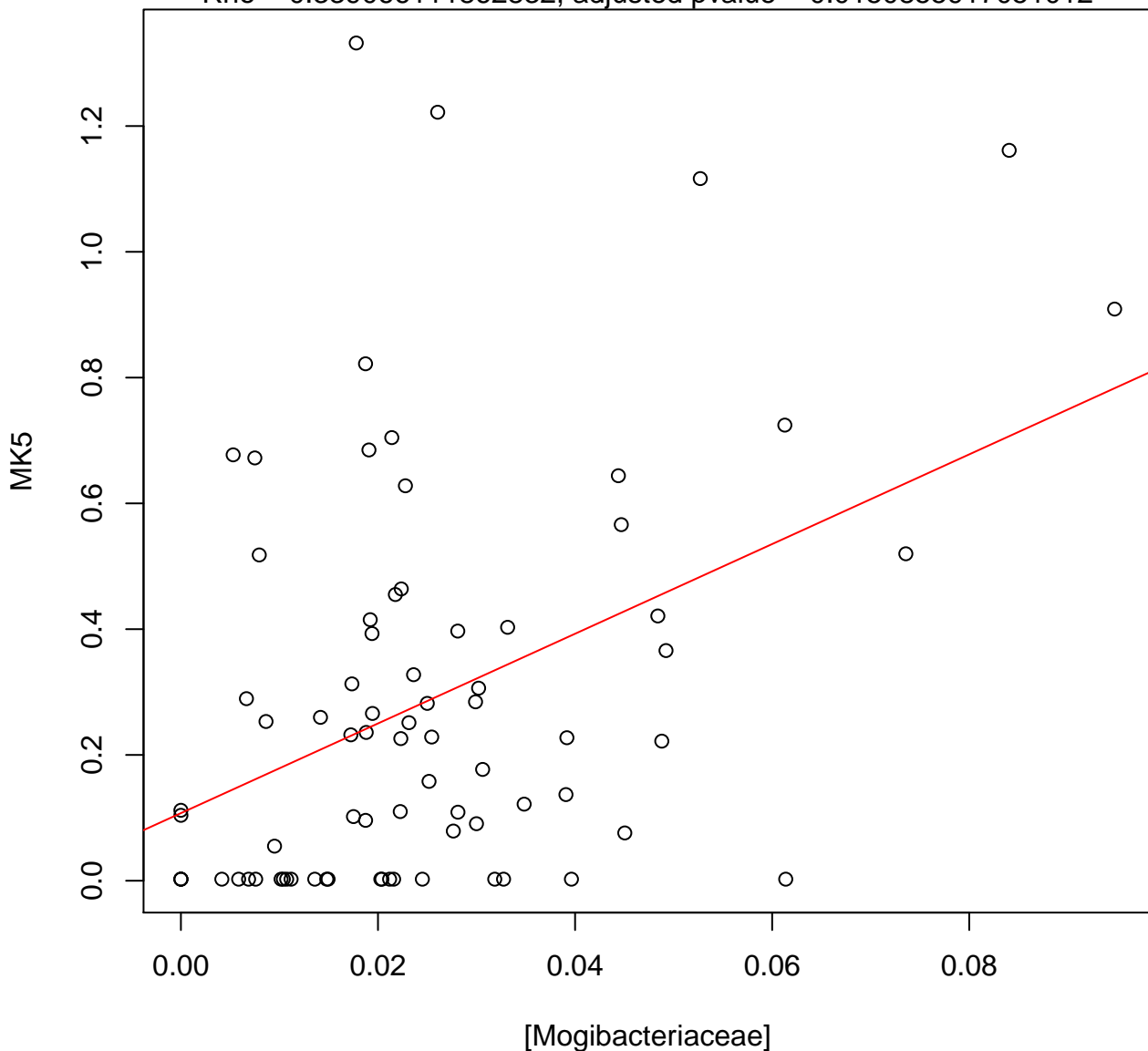
Timepoint 2 , MK5 ~ Veillonellaceae

Rho = 0.52181621197966, adjusted pvalue = 3.34720260724223e-05



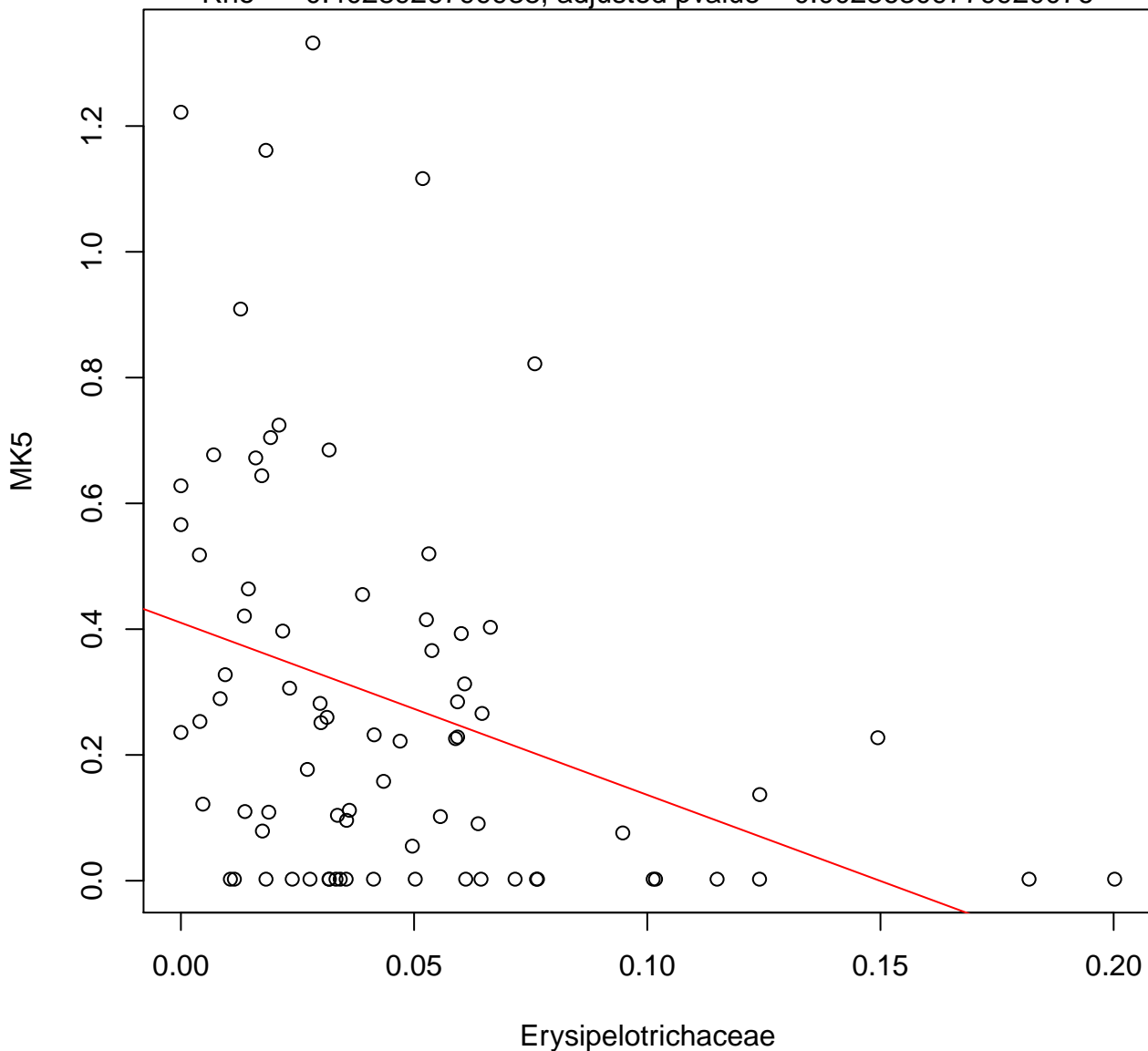
Timepoint 2 , MK5 ~ [Mogibacteriaceae]

Rho = 0.339066111862832, adjusted pvalue = 0.0150855917051012



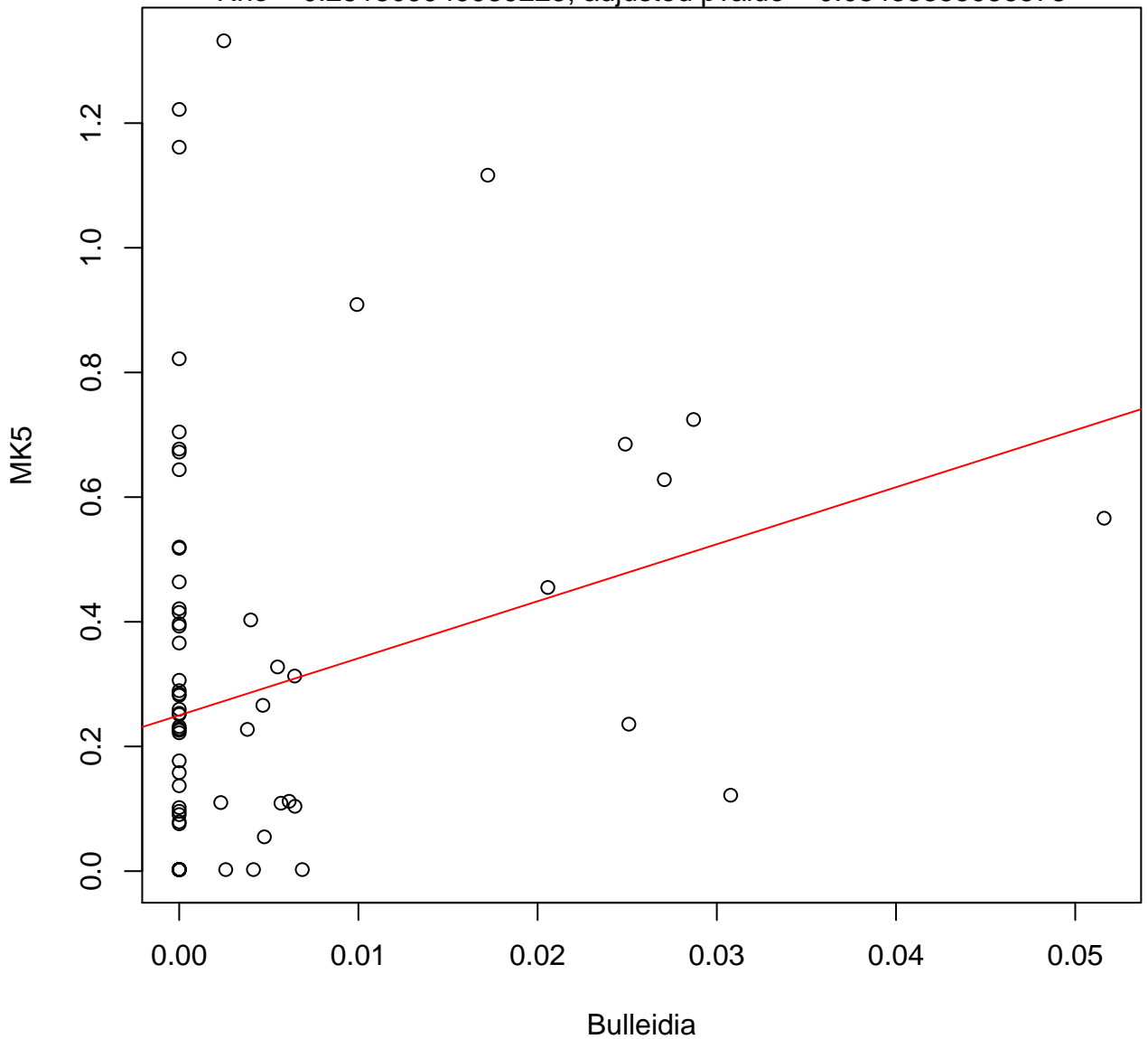
Timepoint 2 , MK5 ~ Erysipelotrichaceae

Rho = -0.4028926799938 , adjusted pvalue = 0.00236309779920076



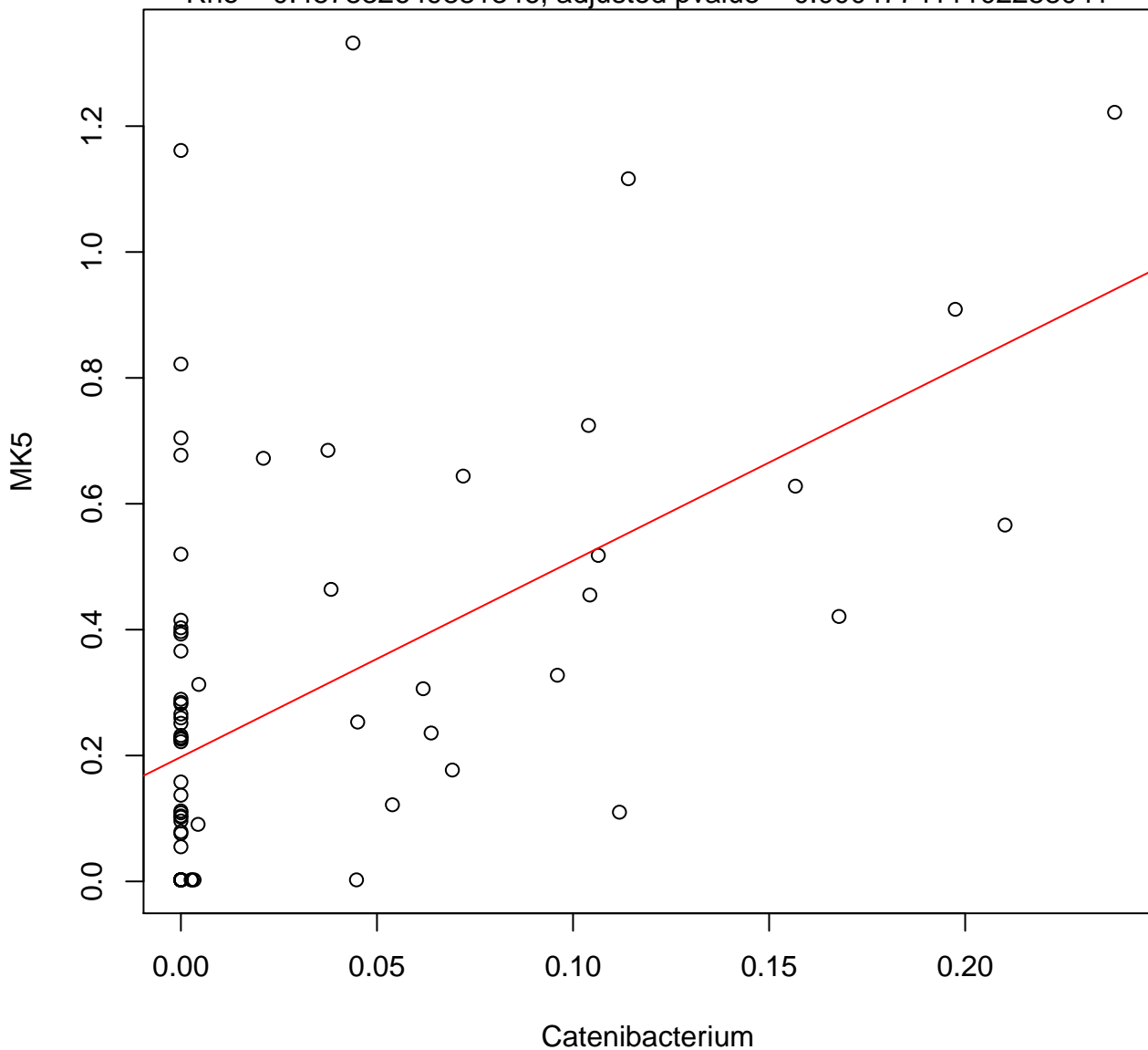
Timepoint 2 , MK5 ~ Bulleidia

Rho = 0.251809949939225, adjusted pvalue = 0.08433855956573



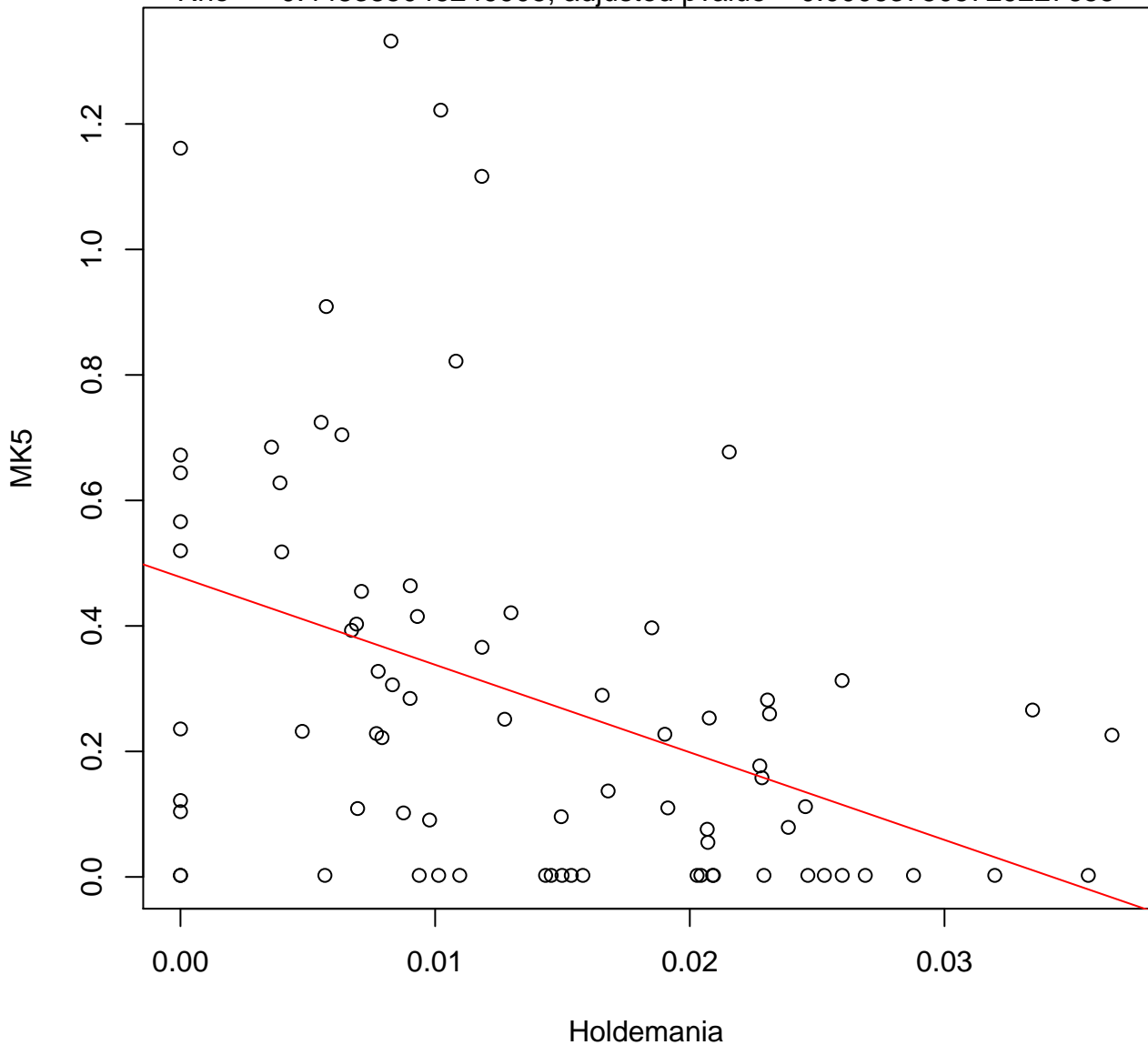
Timepoint 2 , MK5 ~ Catenibacterium

Rho = 0.457832649881346, adjusted pvalue = 0.000477411102258041



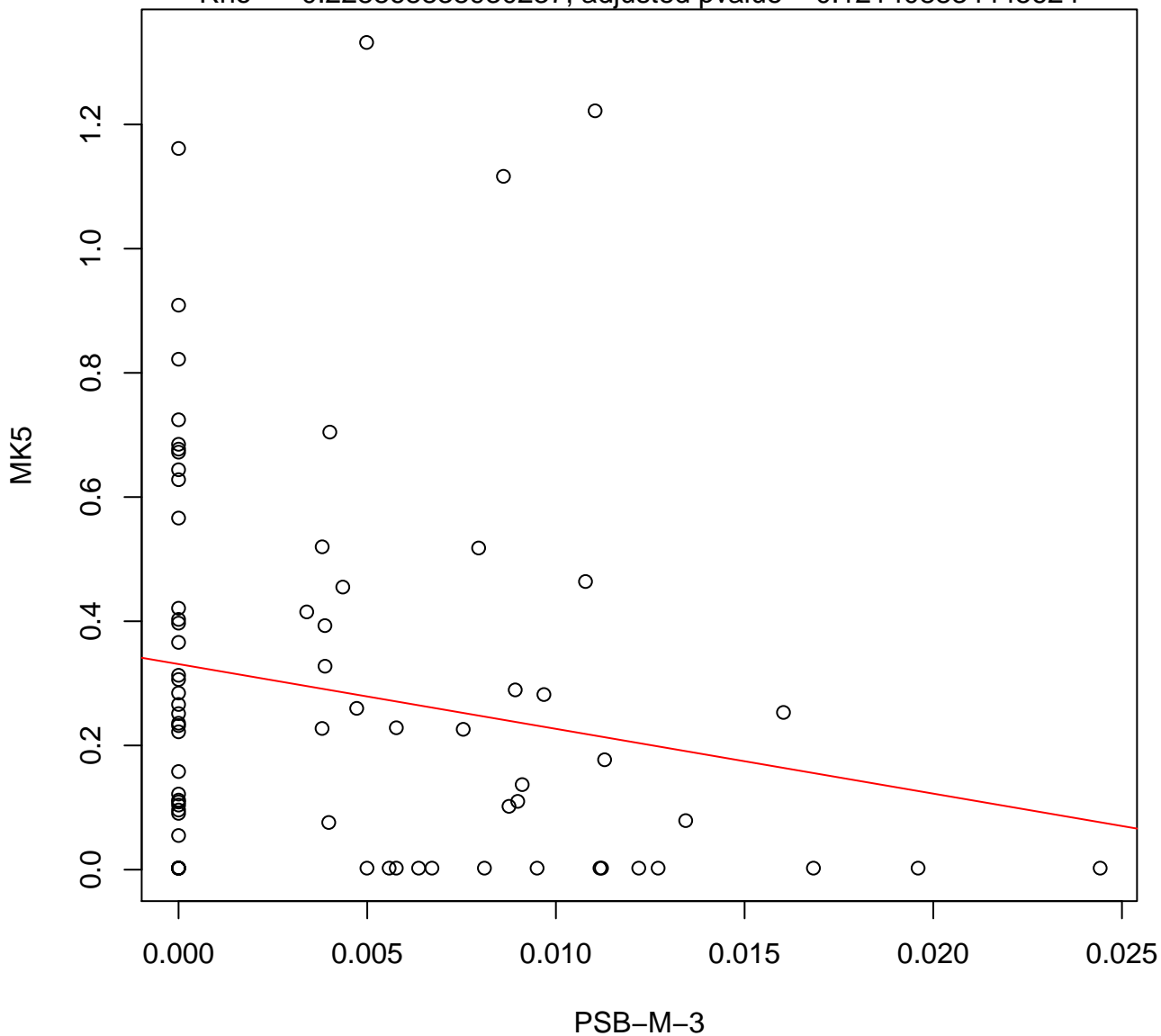
Timepoint 2 , MK5 ~ Holdemania

Rho = -0.448385046249905 , adjusted pvalue = 0.000637505729227655



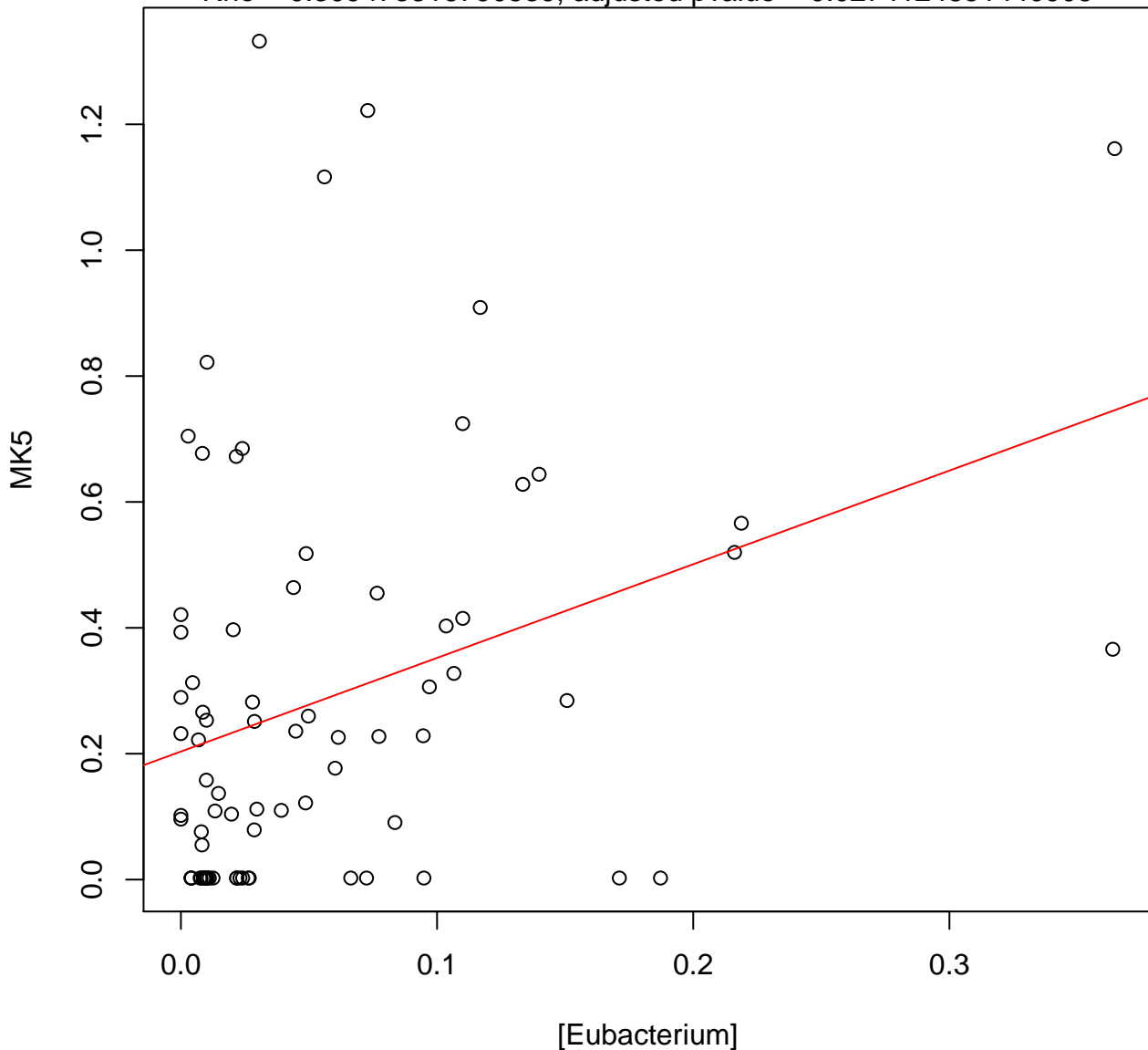
Timepoint 2 , MK5 ~ PSB-M-3

Rho = -0.228868838930237, adjusted pvalue = 0.121408834445624



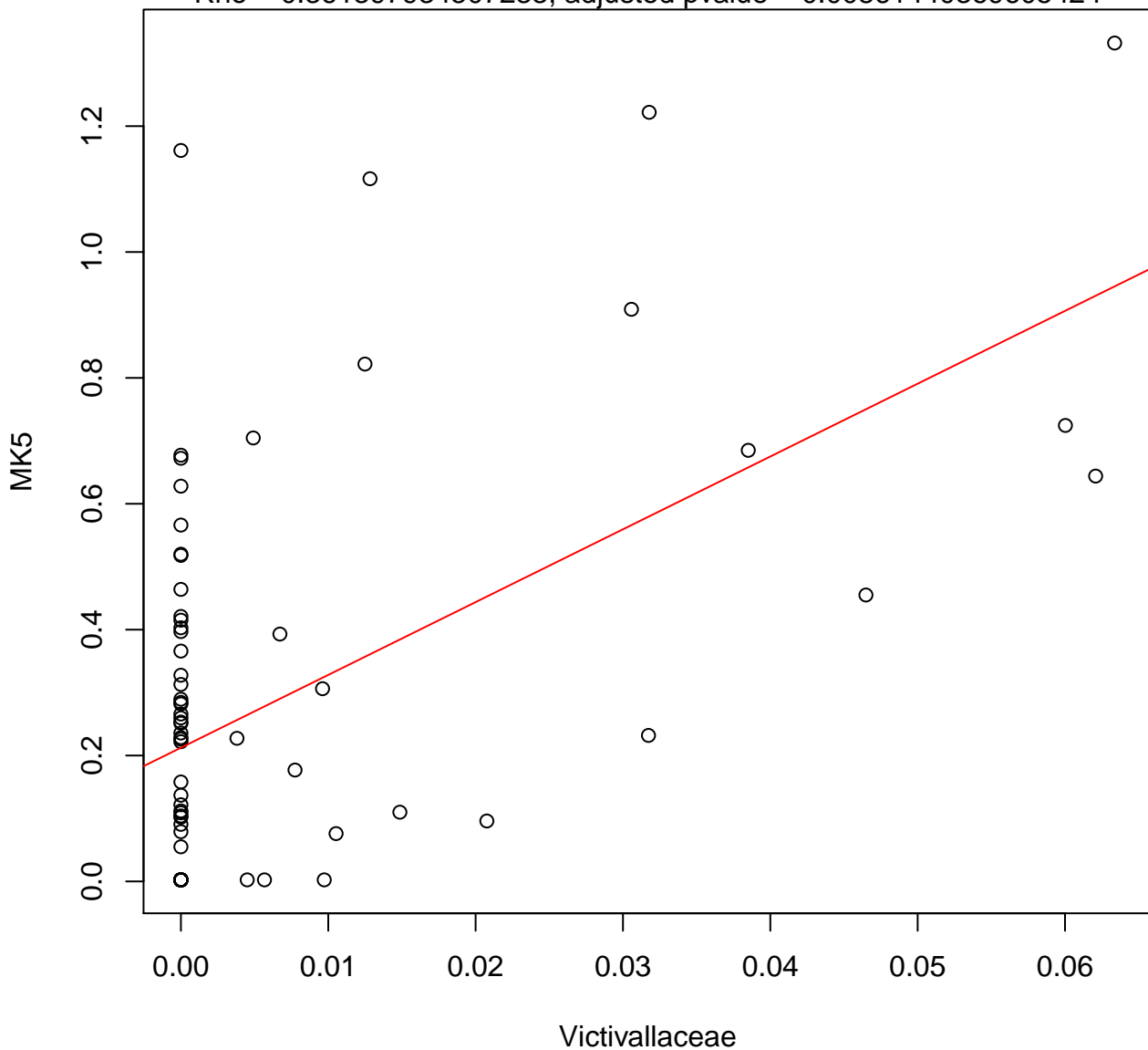
Timepoint 2 , MK5 ~ [Eubacterium]

Rho = 0.309475316790539, adjusted pvalue = 0.0274124851440905



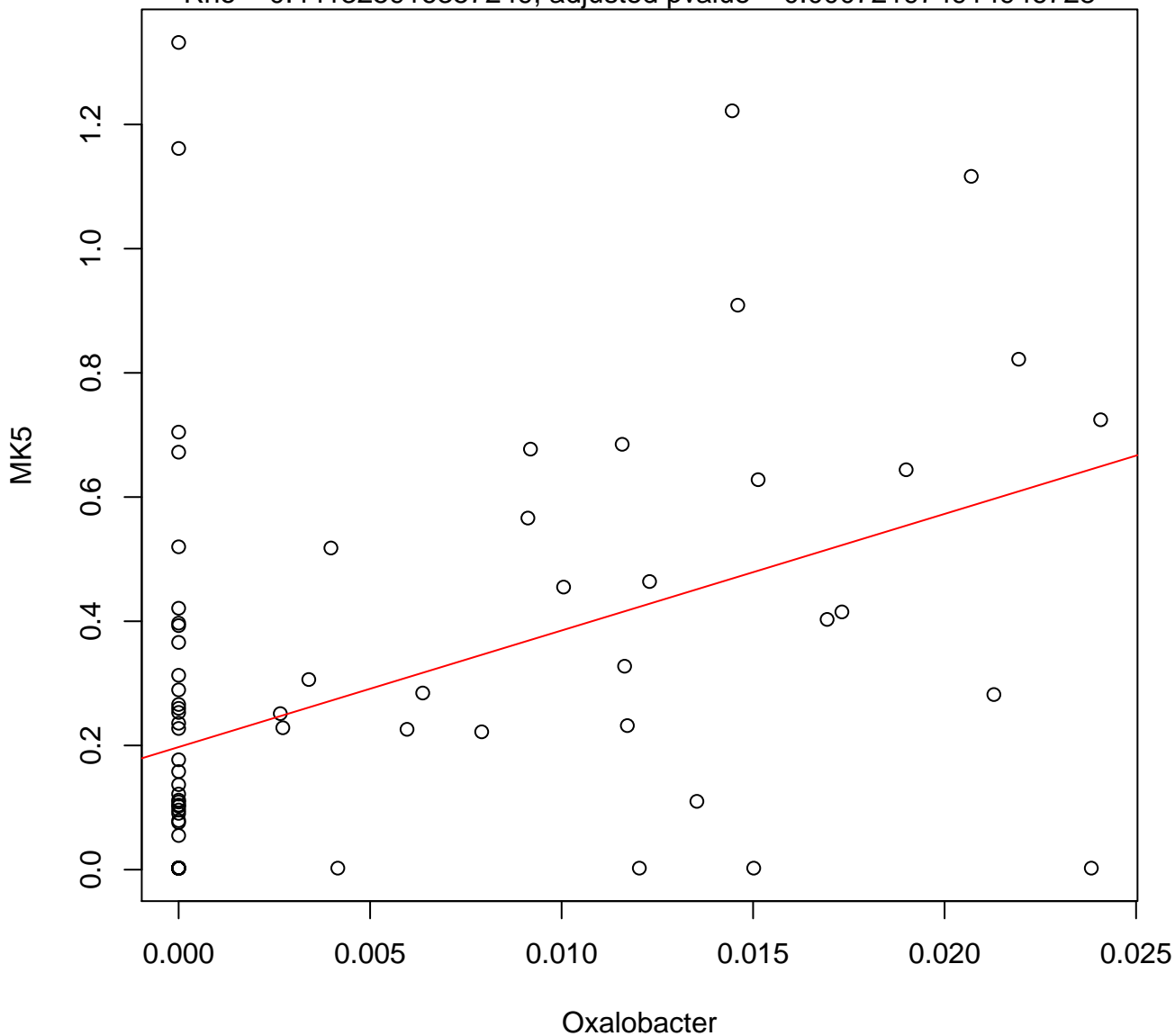
Timepoint 2 , MK5 ~ Victivallaceae

Rho = 0.361397934507233, adjusted pvalue = 0.00861440369605424



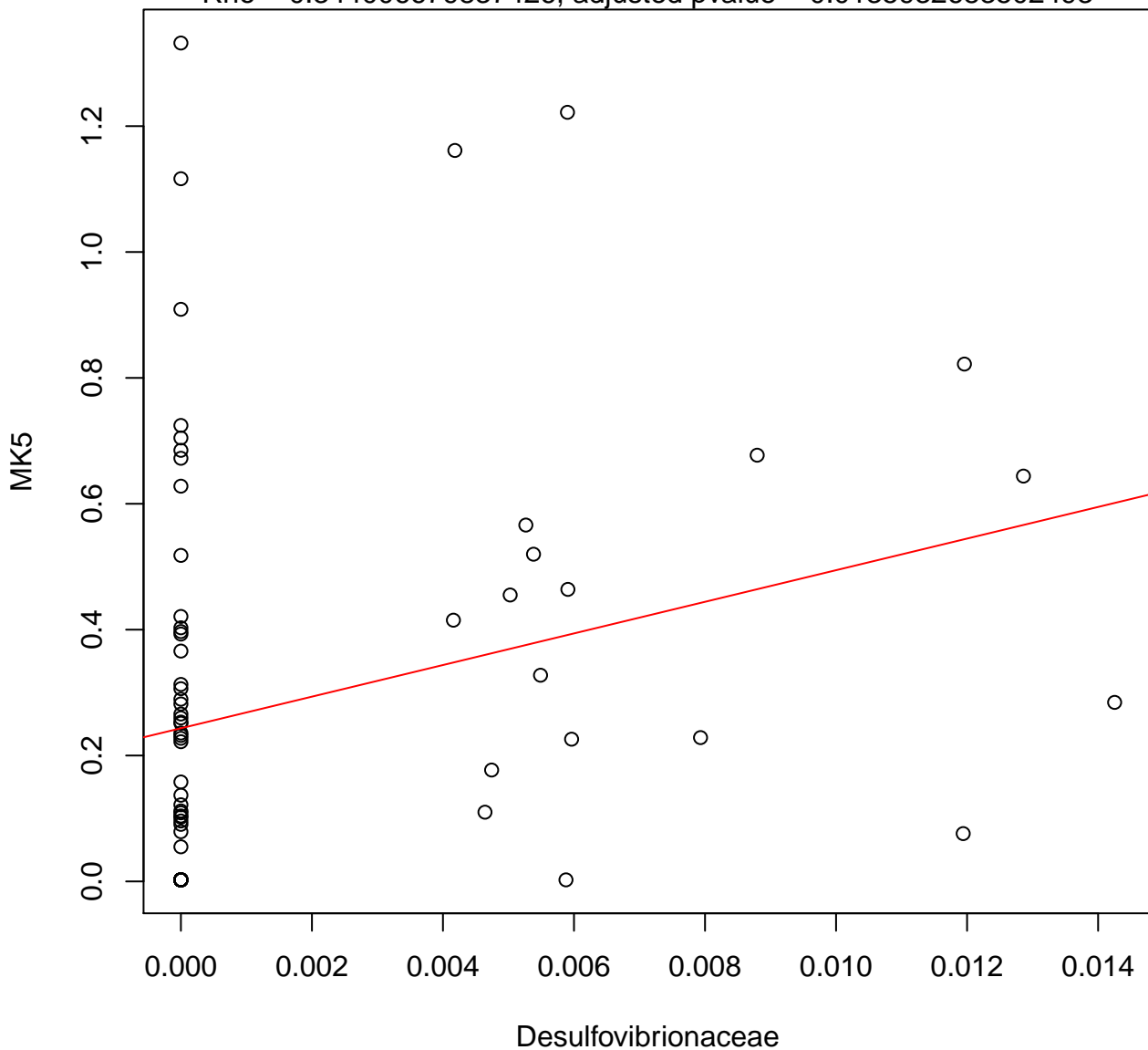
Timepoint 2 , MK5 ~ Oxalobacter

Rho = 0.441325916357249, adjusted pvalue = 0.000721974914946728



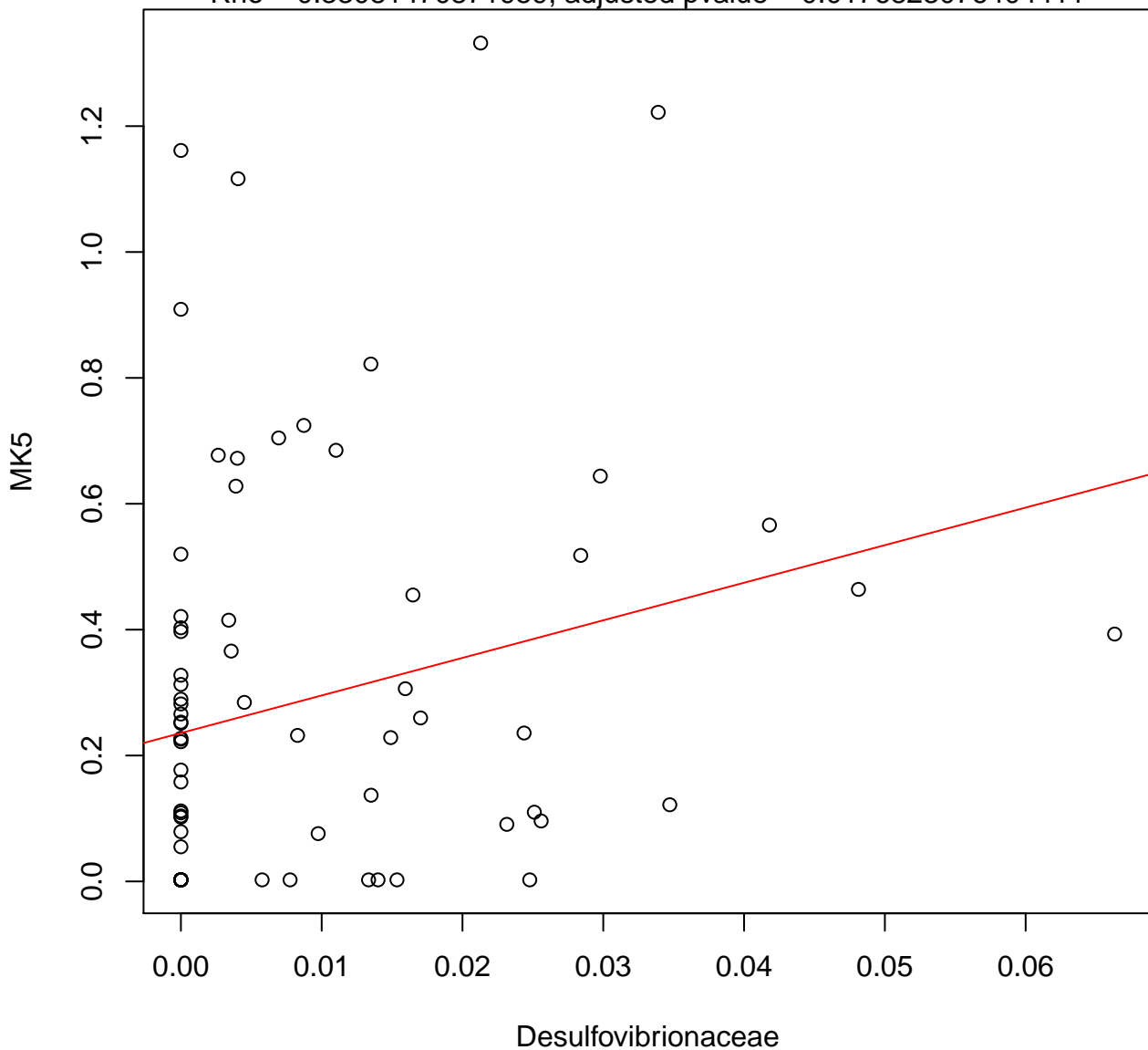
Timepoint 2 , MK5 ~ Desulfovibrionaceae

Rho = 0.344006679837426, adjusted pvalue = 0.0135932683502493



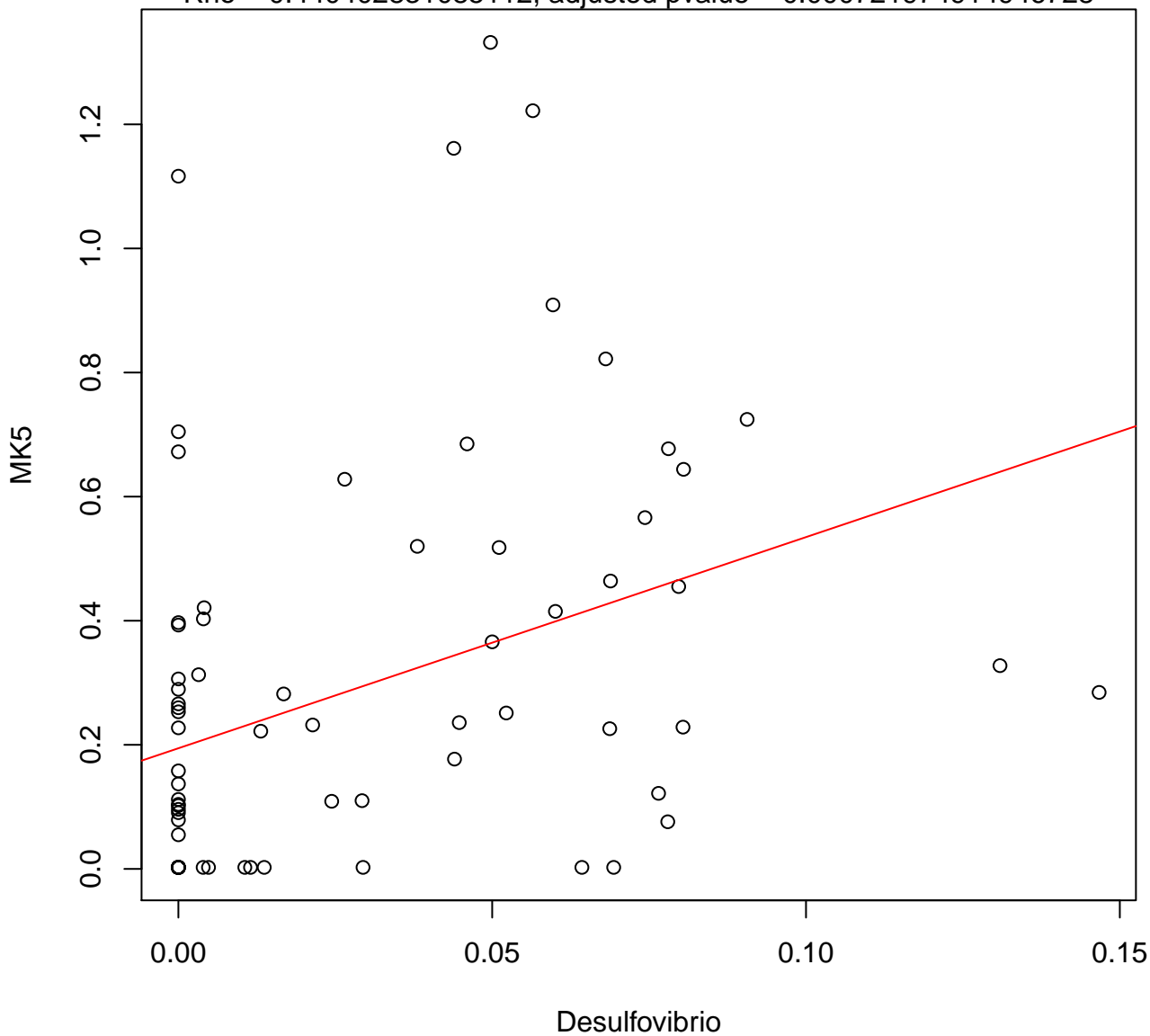
Timepoint 2 , MK5 ~ Desulfovibrionaceae

Rho = 0.33081470871959, adjusted pvalue = 0.0176823076404411



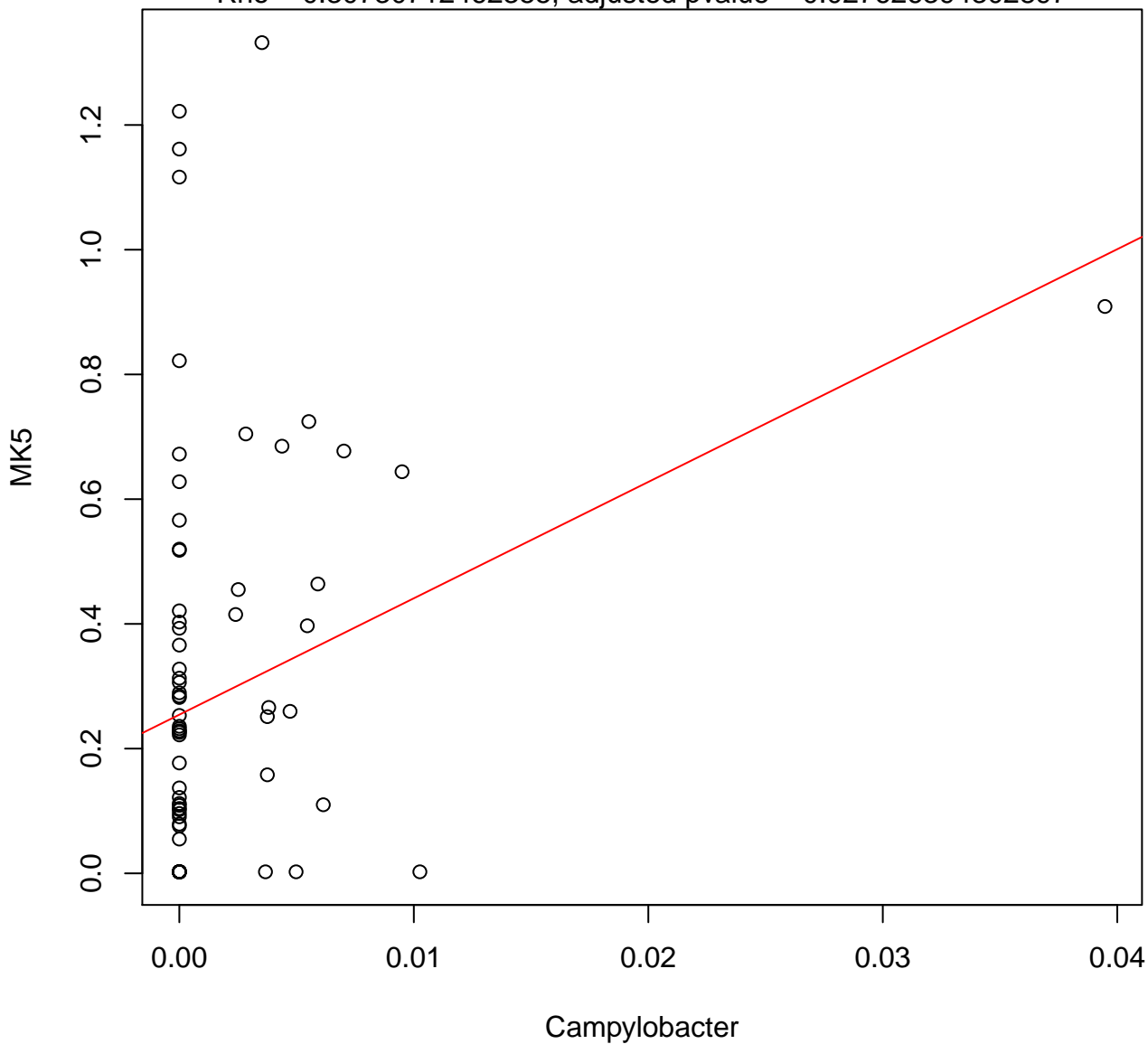
Timepoint 2 , MK5 ~ Desulfovibrio

Rho = 0.440402831085112, adjusted pvalue = 0.000721974914946728



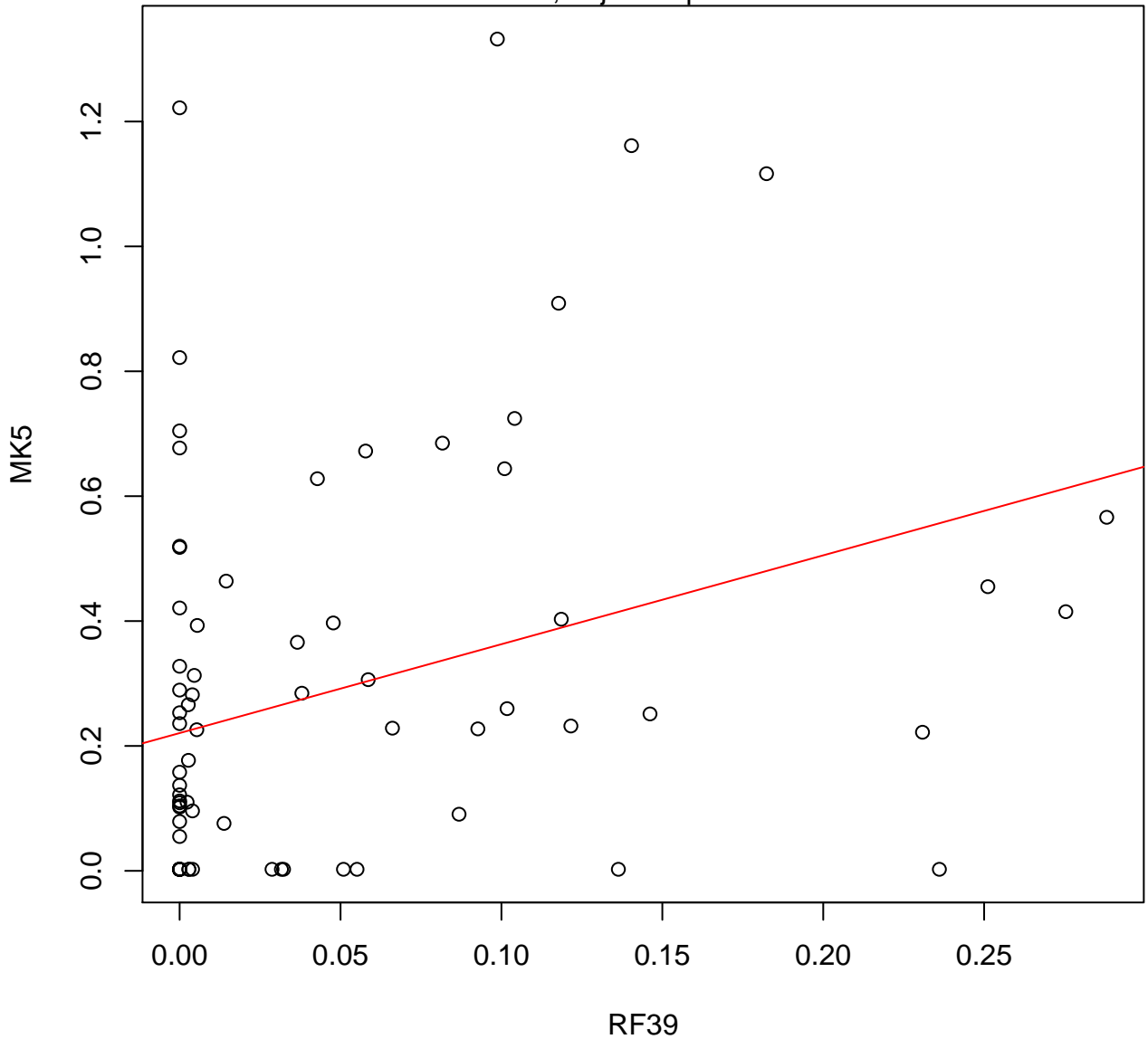
Timepoint 2 , MK5 ~ Campylobacter

Rho = 0.30730712462355, adjusted pvalue = 0.027626394302897



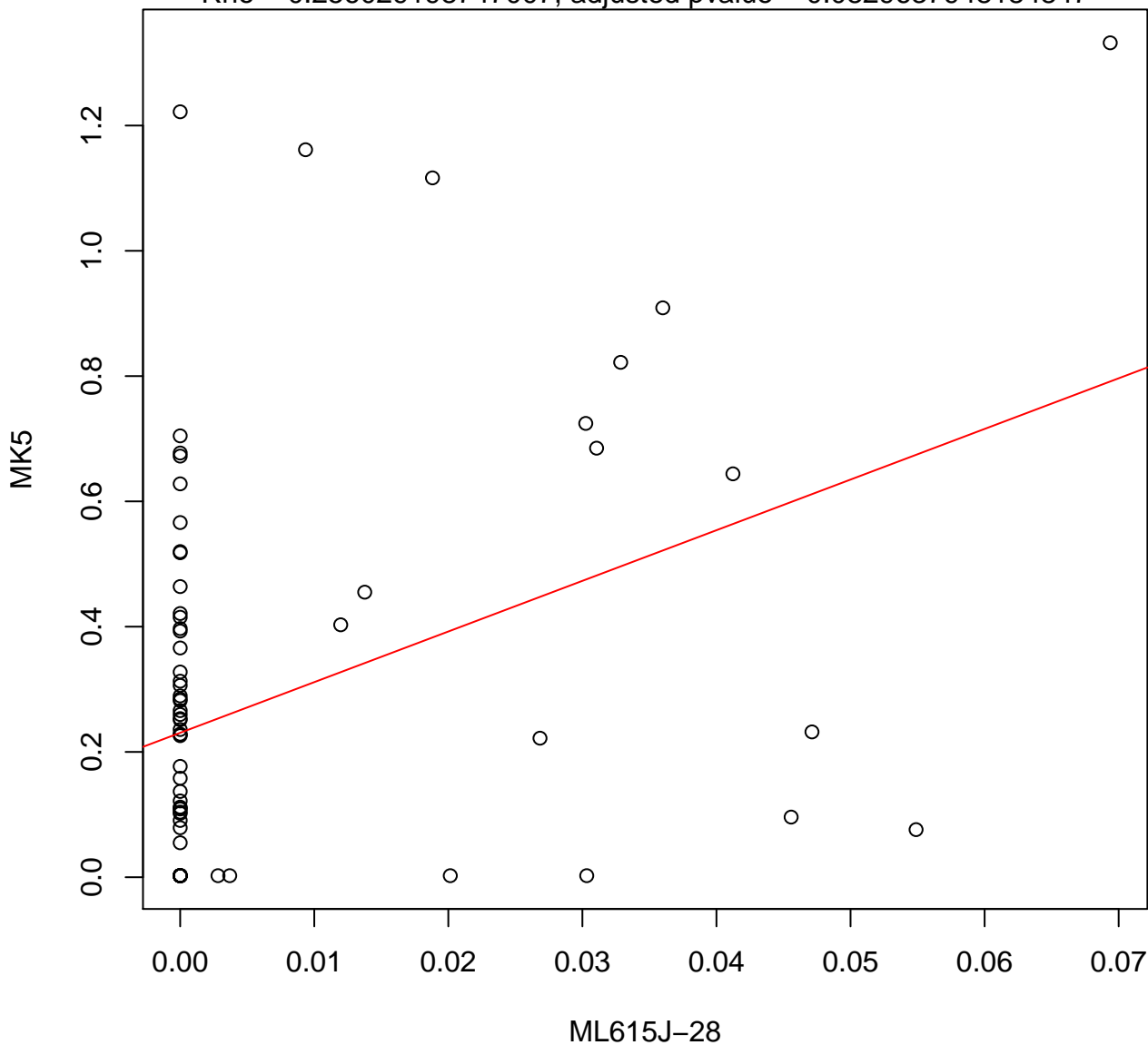
Timepoint 2 , MK5 ~ RF39

Rho = 0.330960749029556, adjusted pvalue = 0.0176823076404411



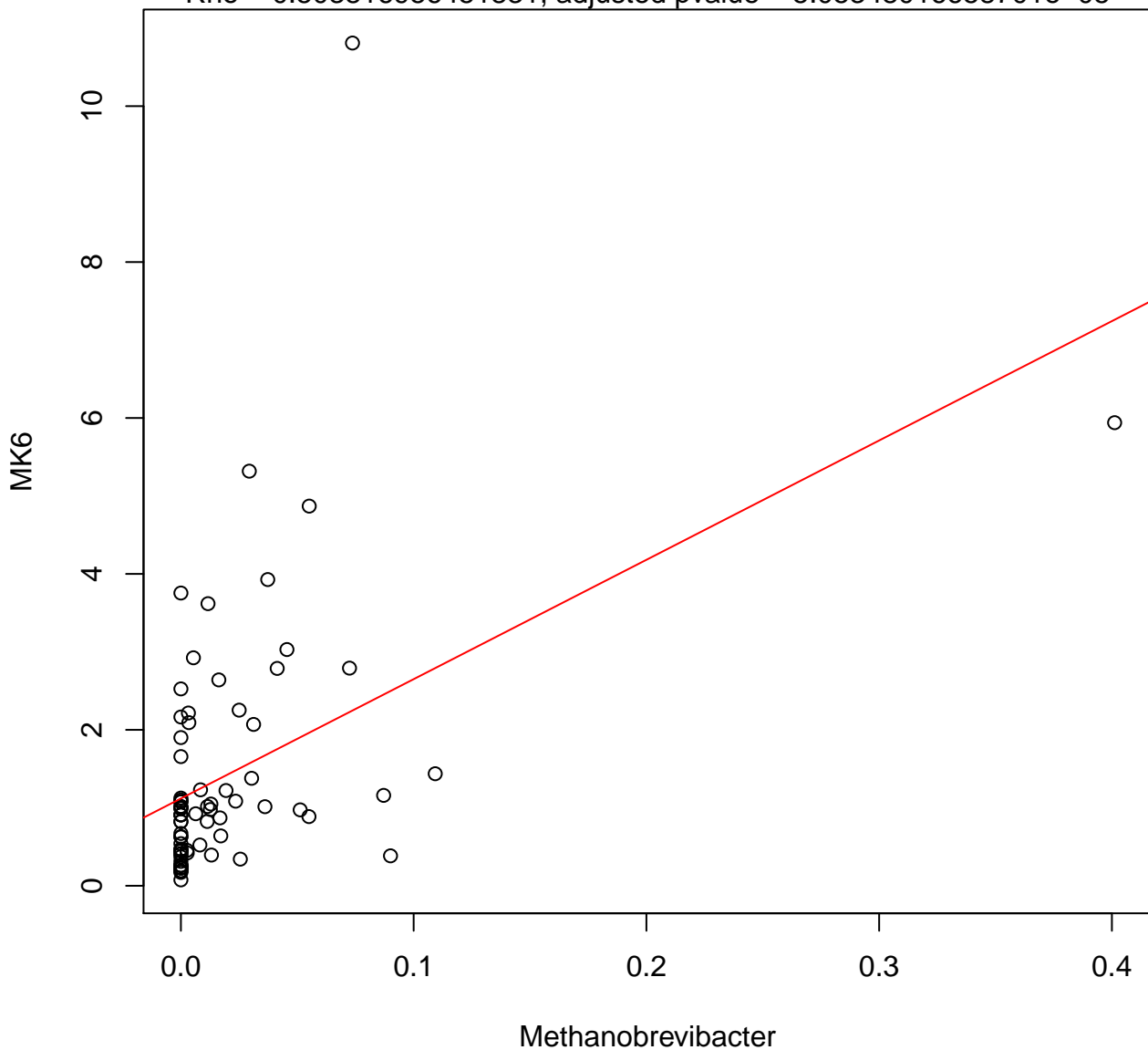
Timepoint 2 , MK5 ~ ML615J-28

Rho = 0.256029198747007, adjusted pvalue = 0.0829637948184847



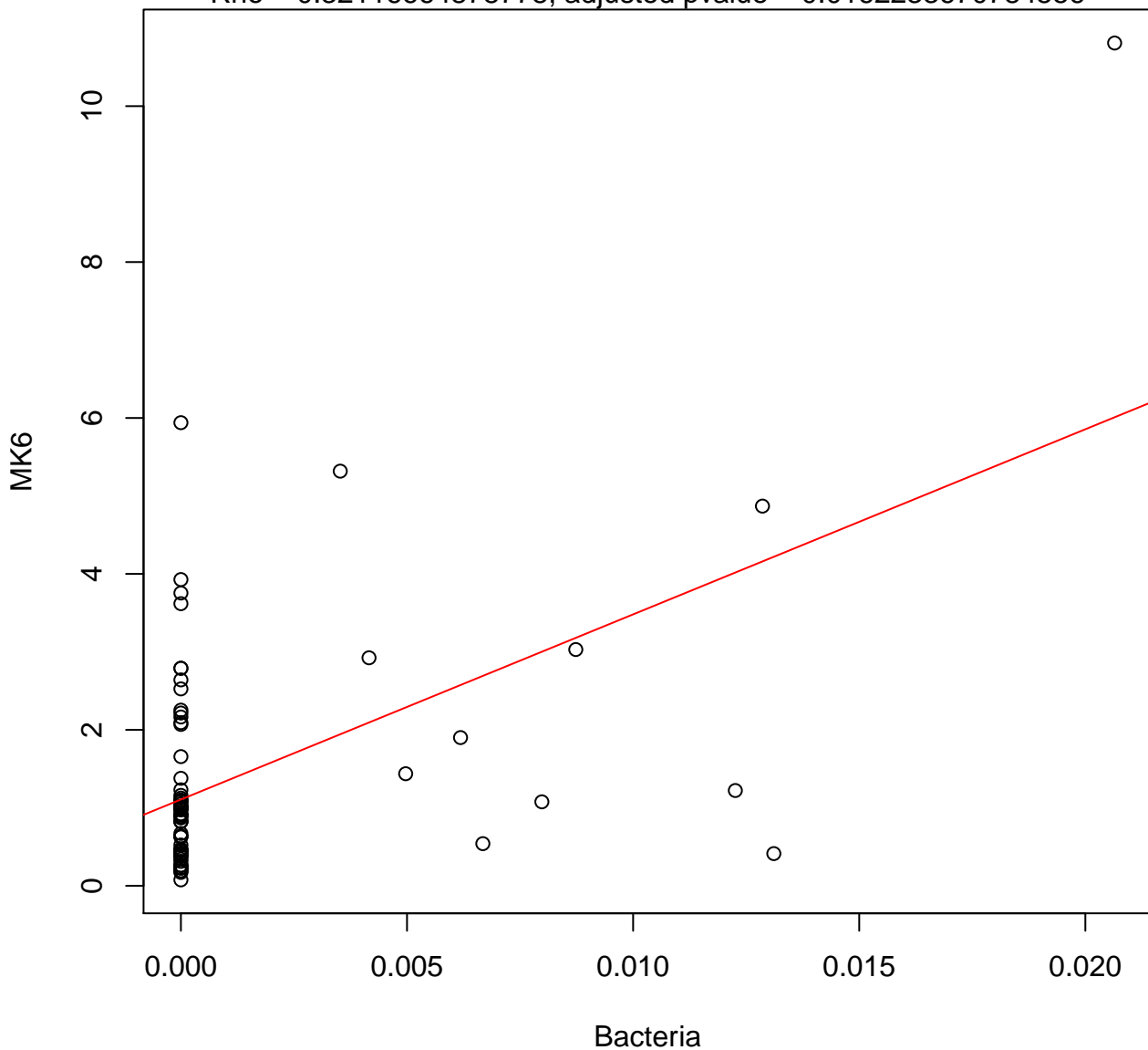
Timepoint 2 , MK6 ~ Methanobrevibacter

Rho = 0.503816956451831, adjusted pvalue = 5.05348016658701e-05



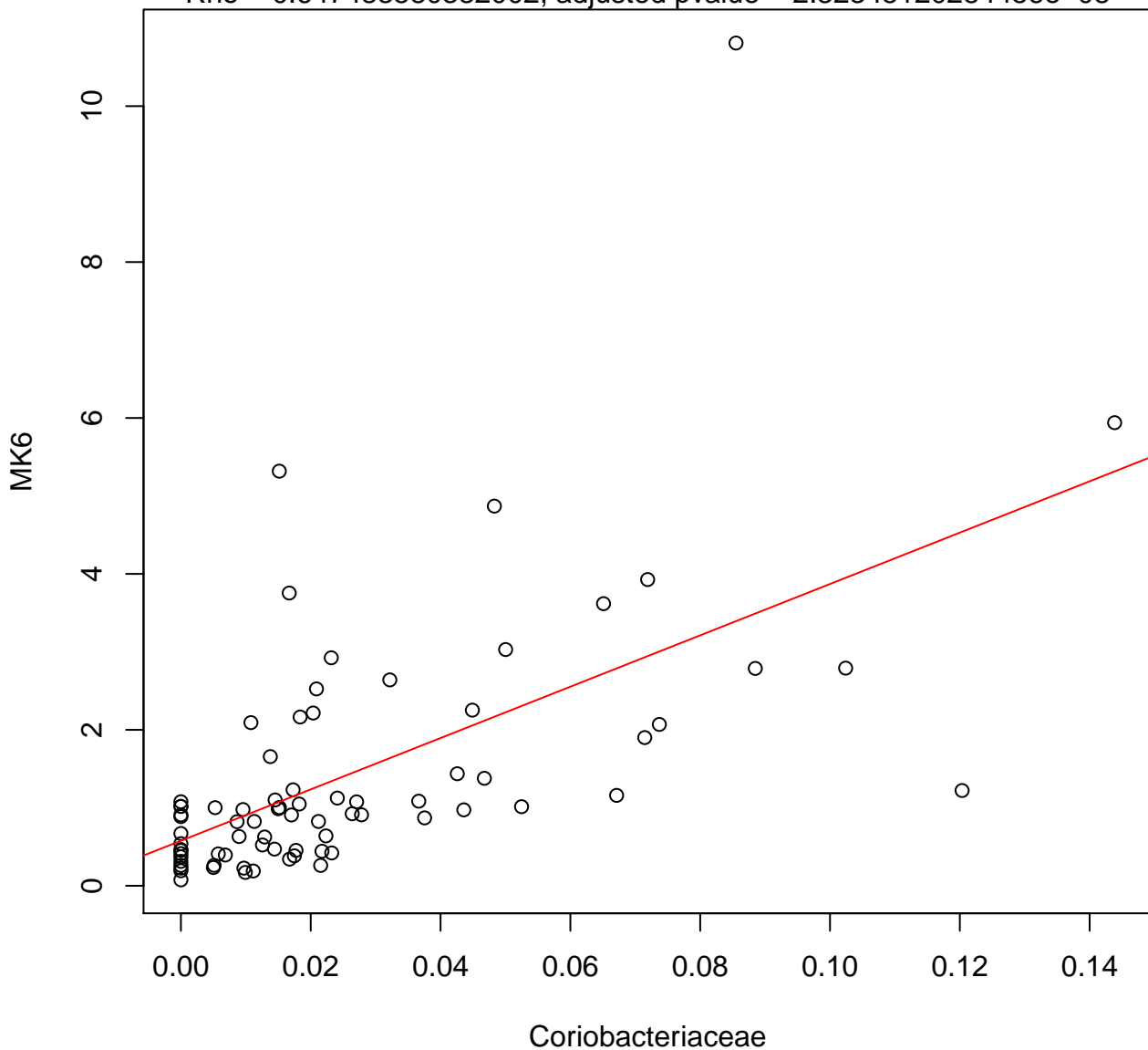
Timepoint 2 , MK6 ~ Bacteria

Rho = 0.32116664878778, adjusted pvalue = 0.0162233670784556



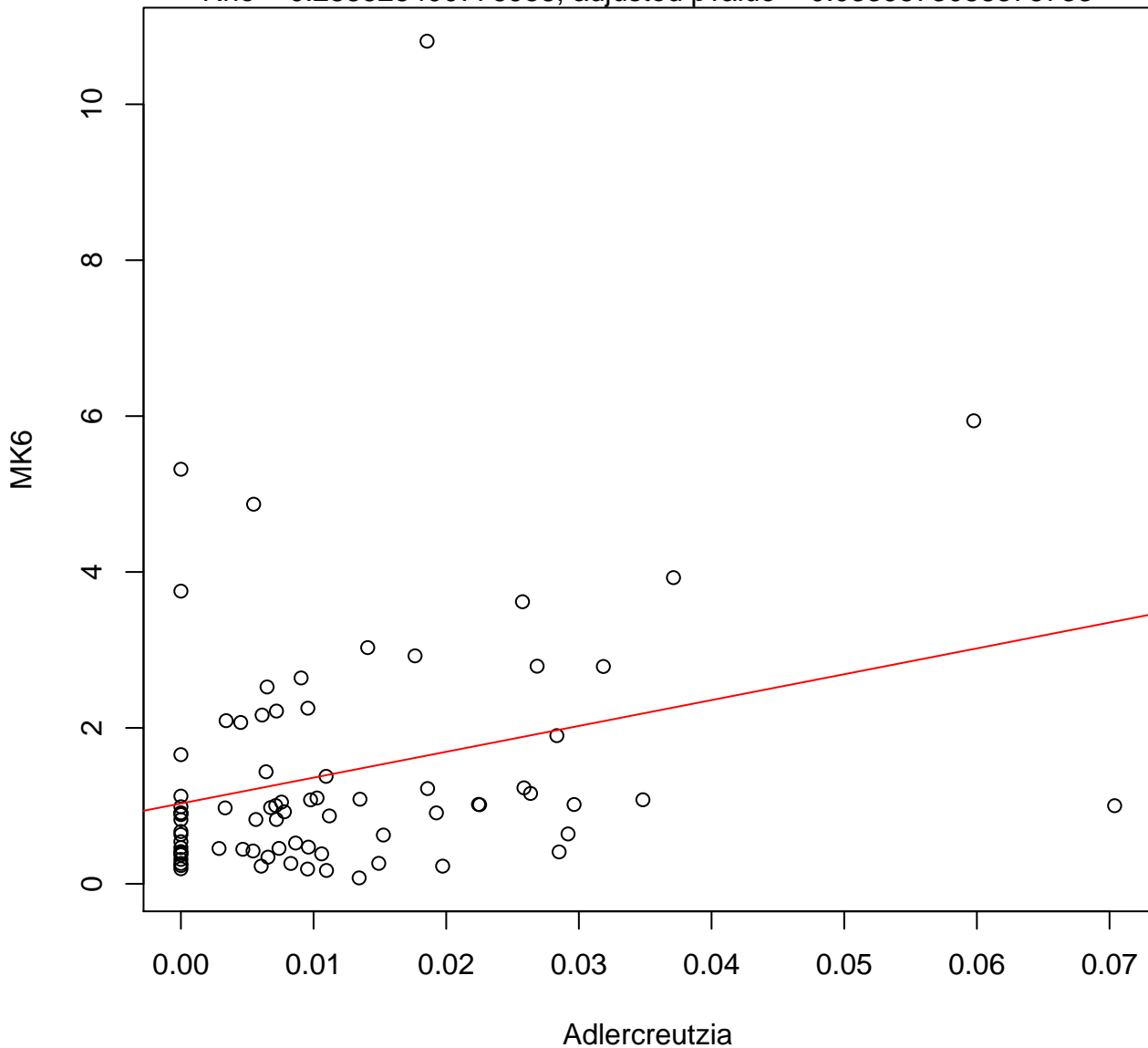
Timepoint 2 , MK6 ~ Coriobacteriaceae

Rho = 0.647483580332002, adjusted pvalue = 2.32345120284456e-08



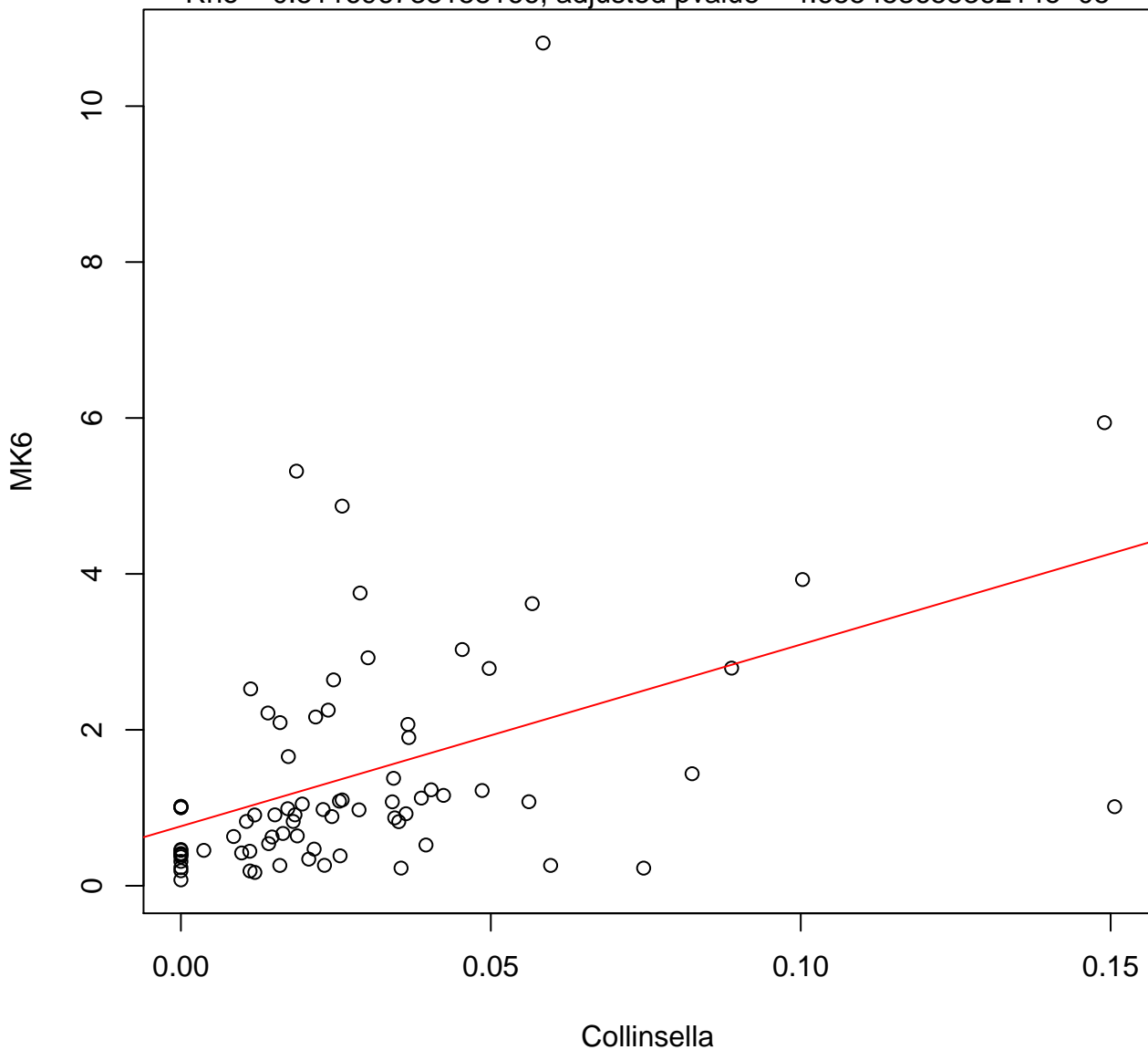
Timepoint 2 , MK6 ~ Adlercreutzia

Rho = 0.288525400776958, adjusted pvalue = 0.0339573088375733



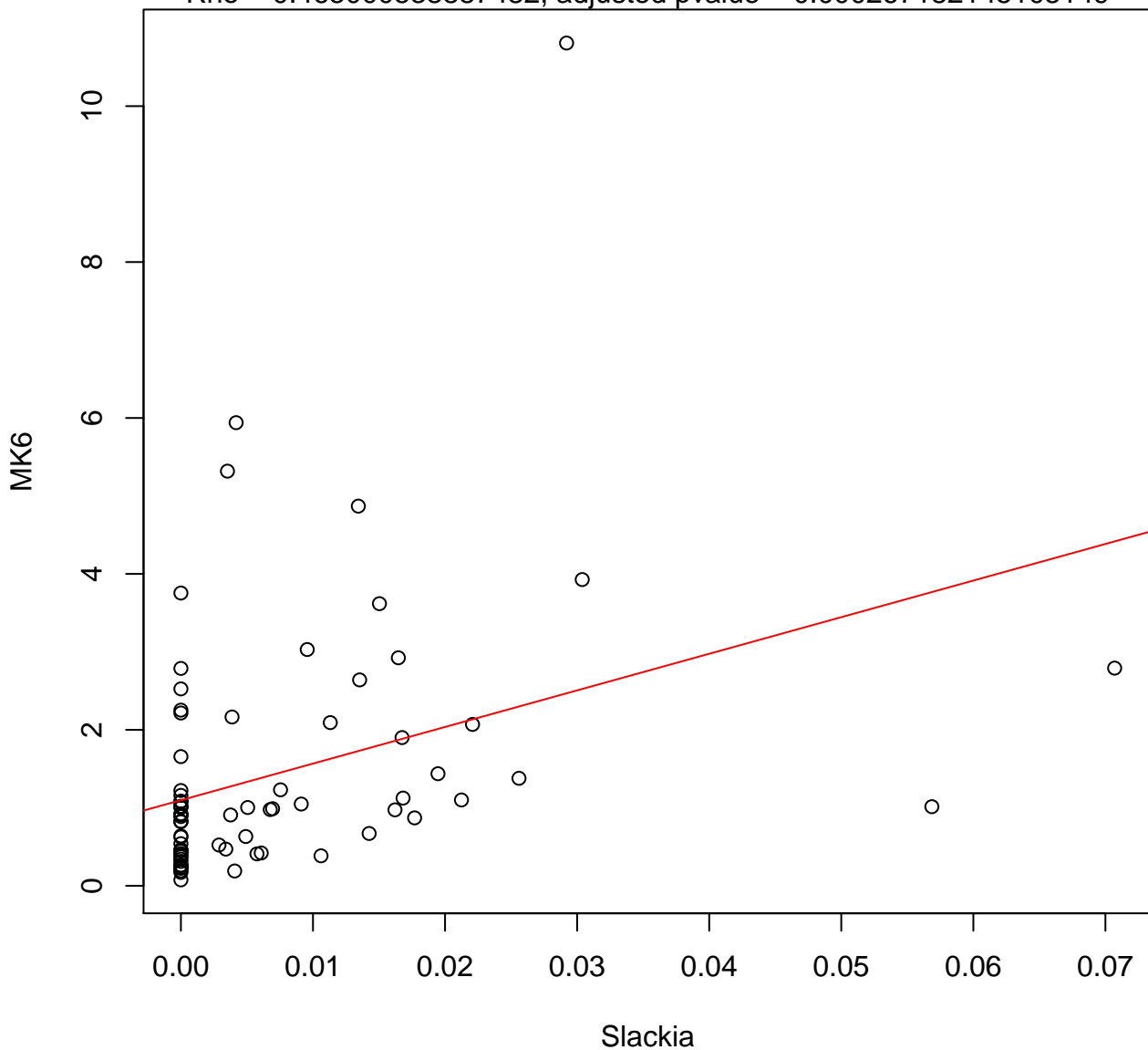
Timepoint 2 , MK6 ~ Collinsella

Rho = 0.511696733158166, adjusted pvalue = 4.65545365536214e-05



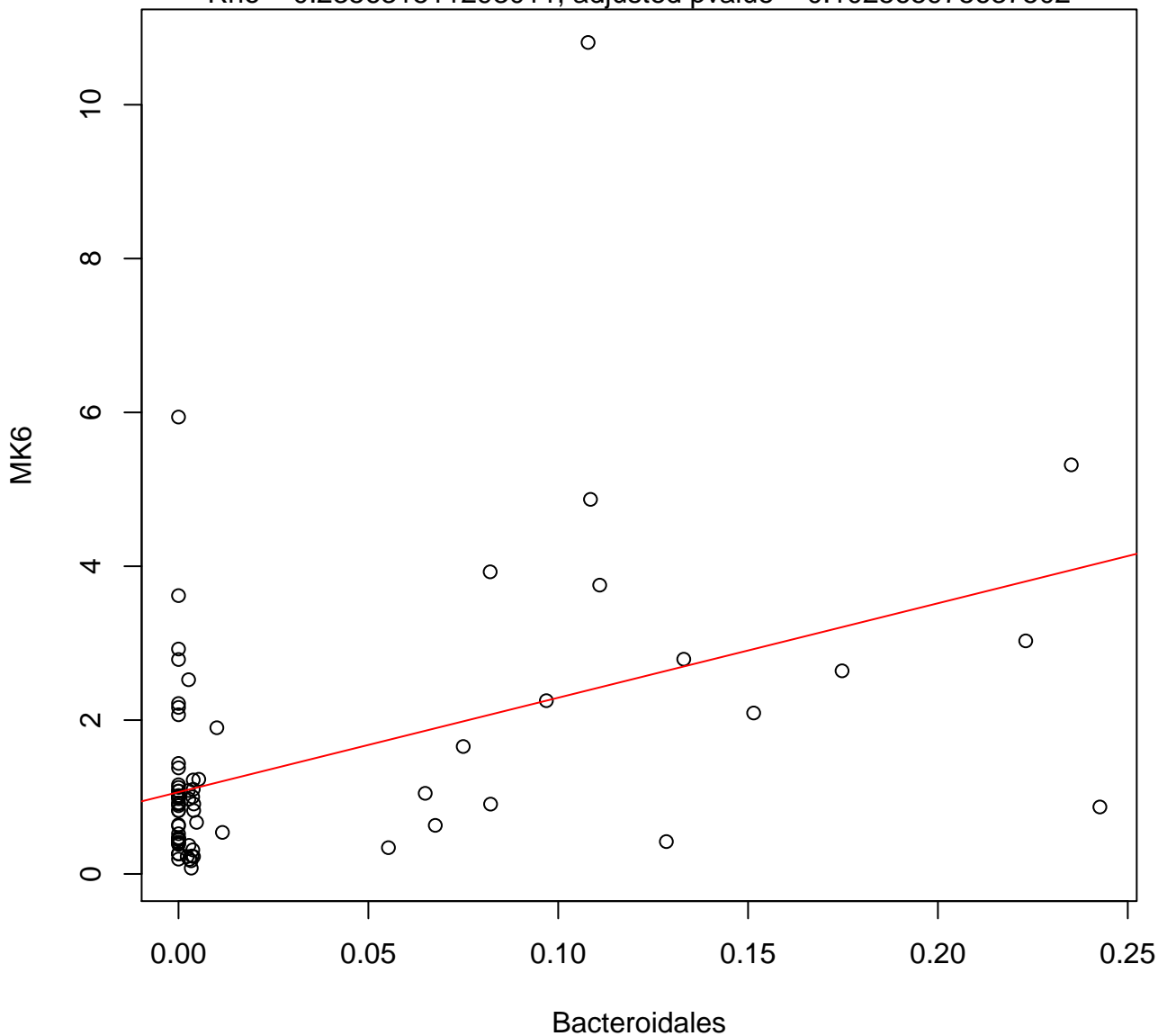
Timepoint 2 , MK6 ~ Slackia

Rho = 0.465000538887482, adjusted pvalue = 0.000267182145105149



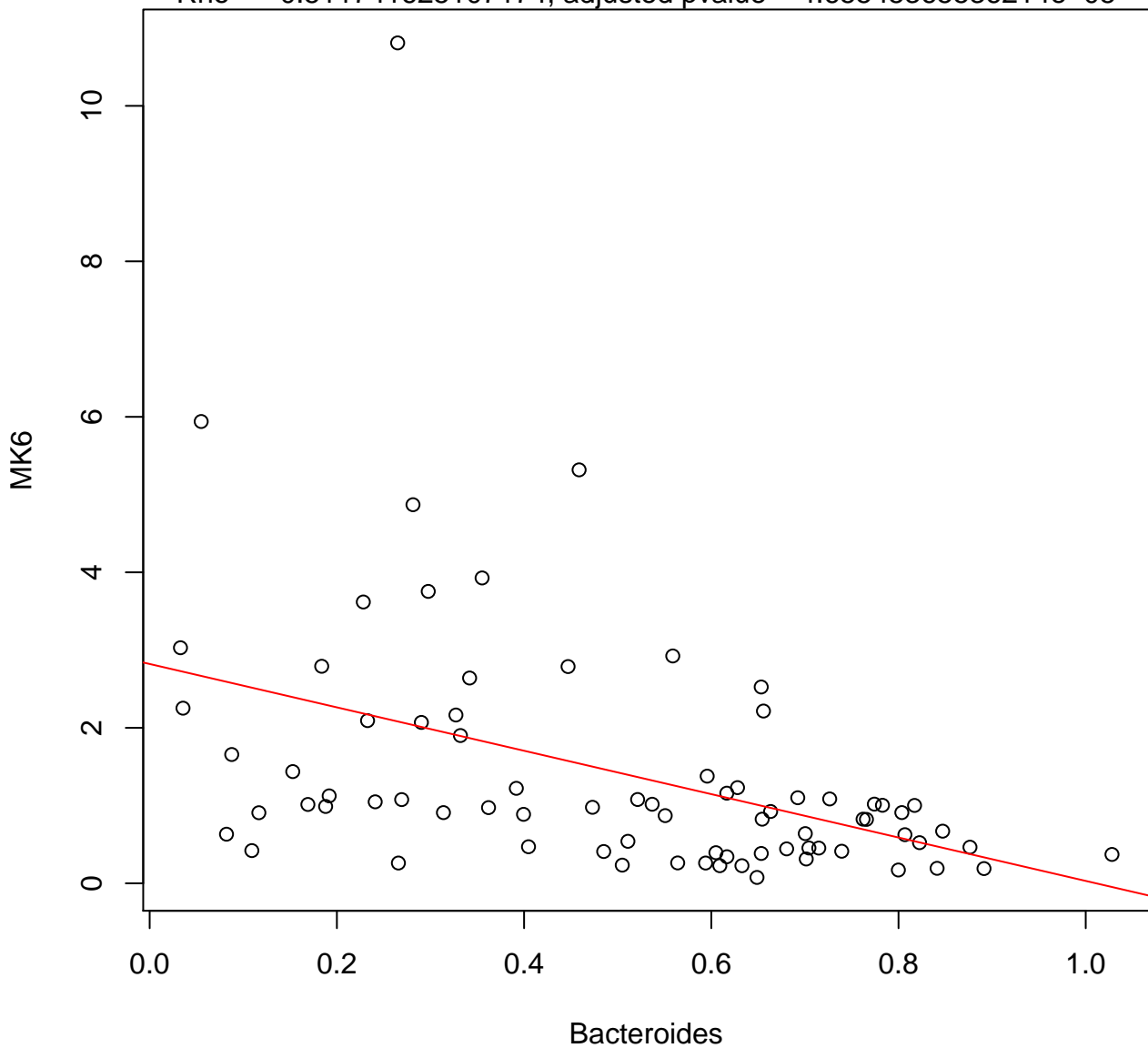
Timepoint 2 , MK6 ~ Bacteroidales

Rho = 0.235631511293011, adjusted pvalue = 0.102565975637502



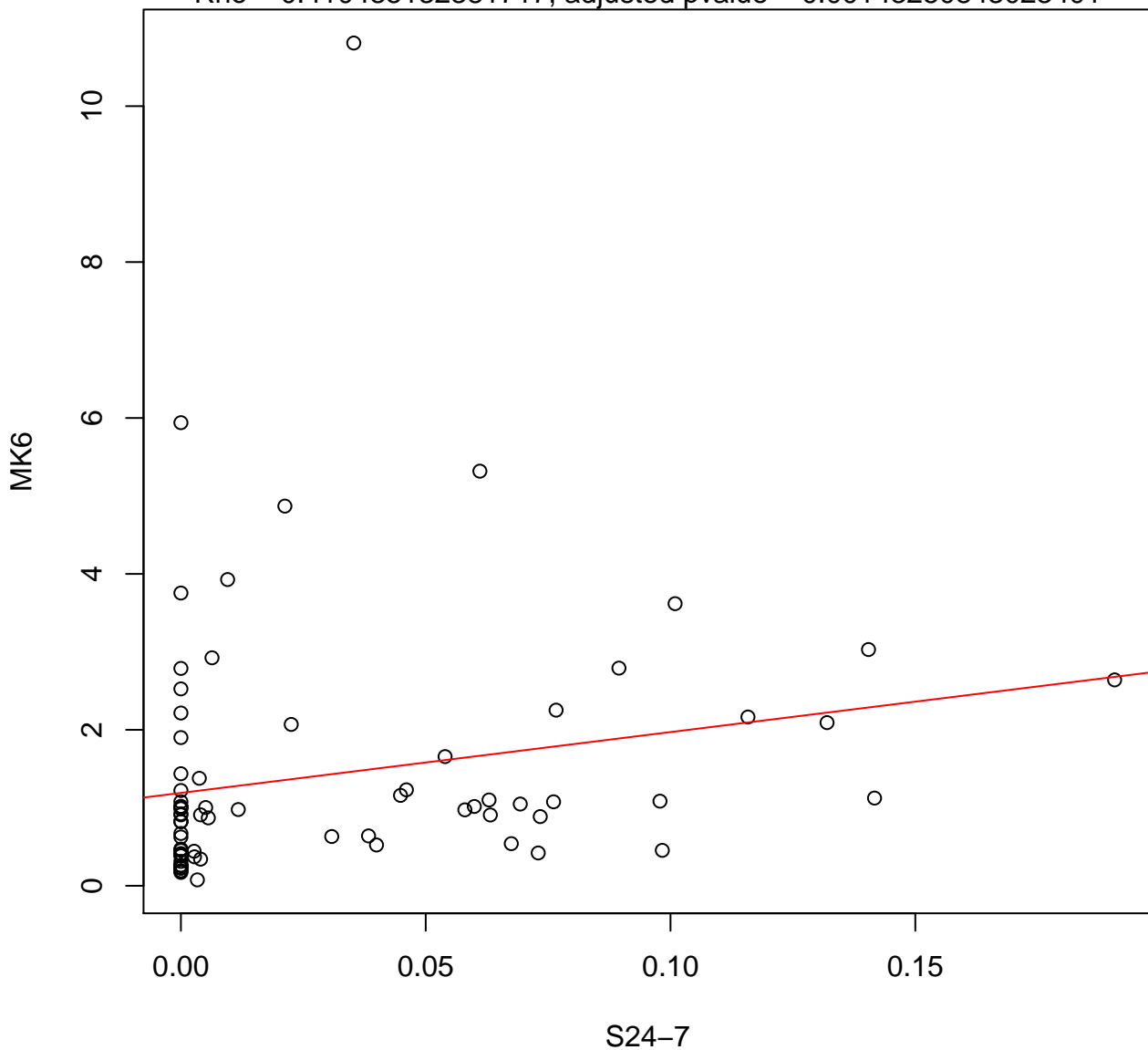
Timepoint 2 , MK6 ~ Bacteroides

Rho = -0.511741625107174 , adjusted pvalue = $4.65545365536214e-05$



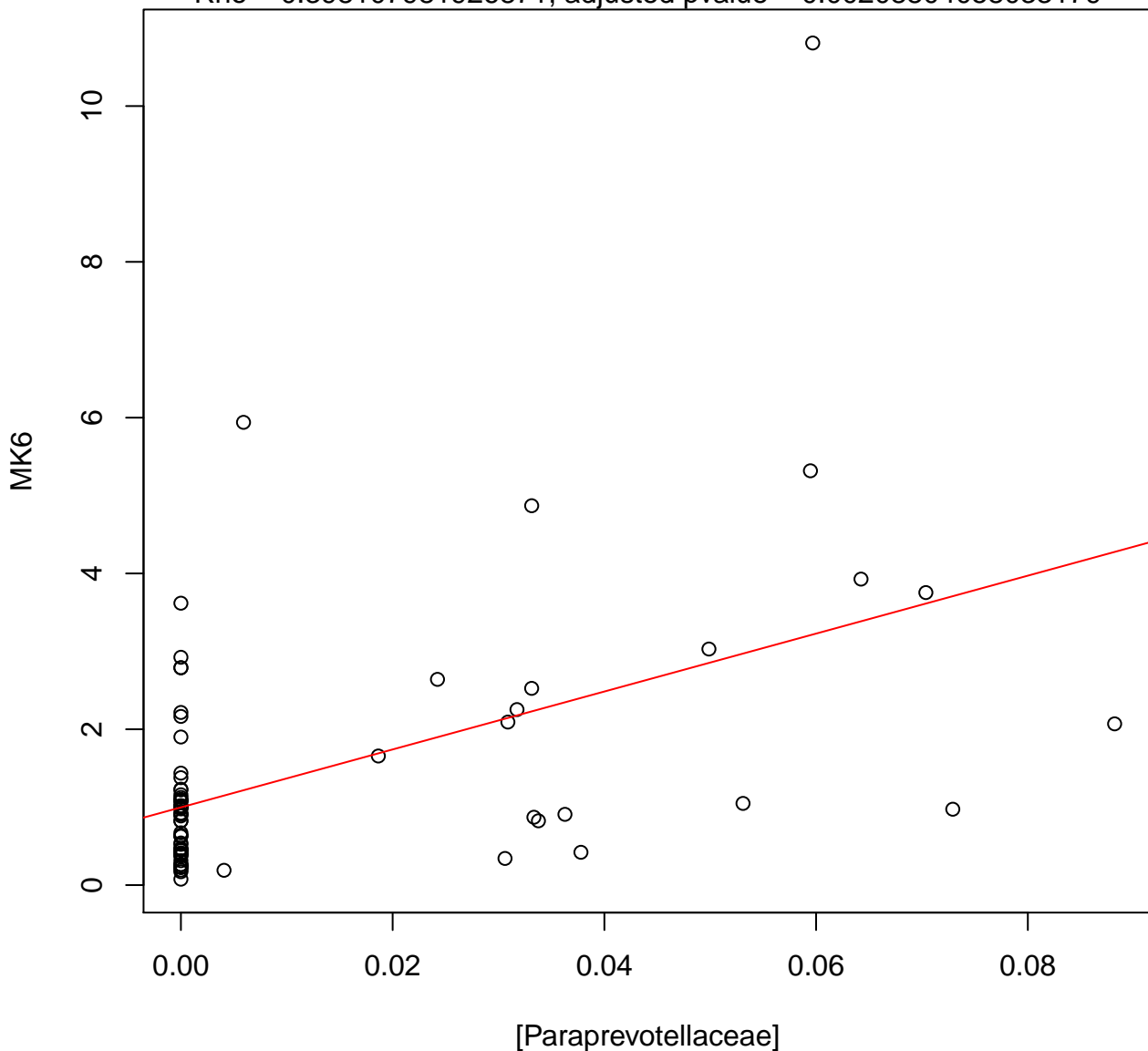
Timepoint 2 , MK6 ~ S24-7

Rho = 0.410435132381717, adjusted pvalue = 0.00143250843023401



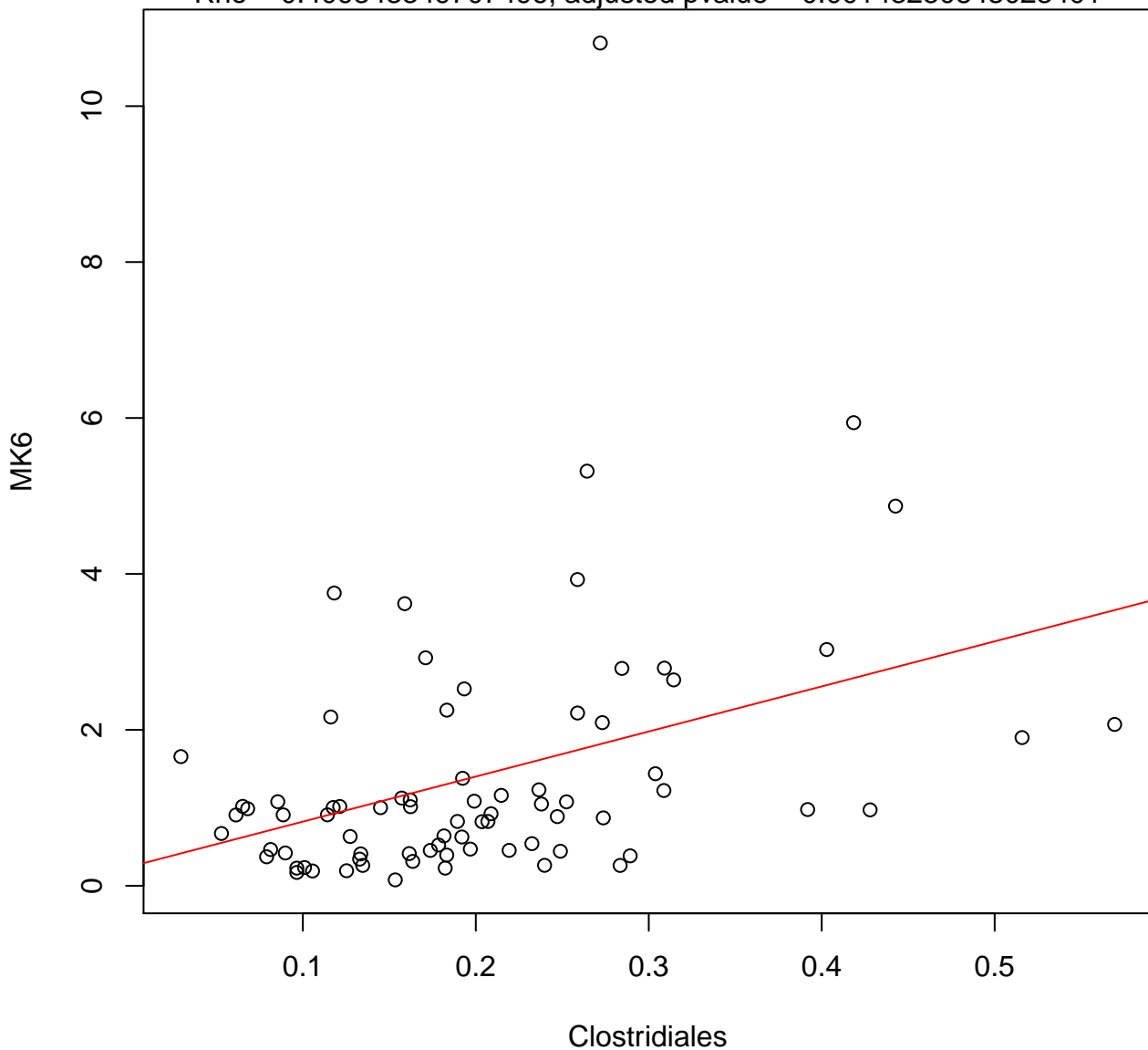
Timepoint 2 , MK6 ~ [Paraprevotellaceae]

Rho = 0.398107981926871, adjusted pvalue = 0.00208804058033179



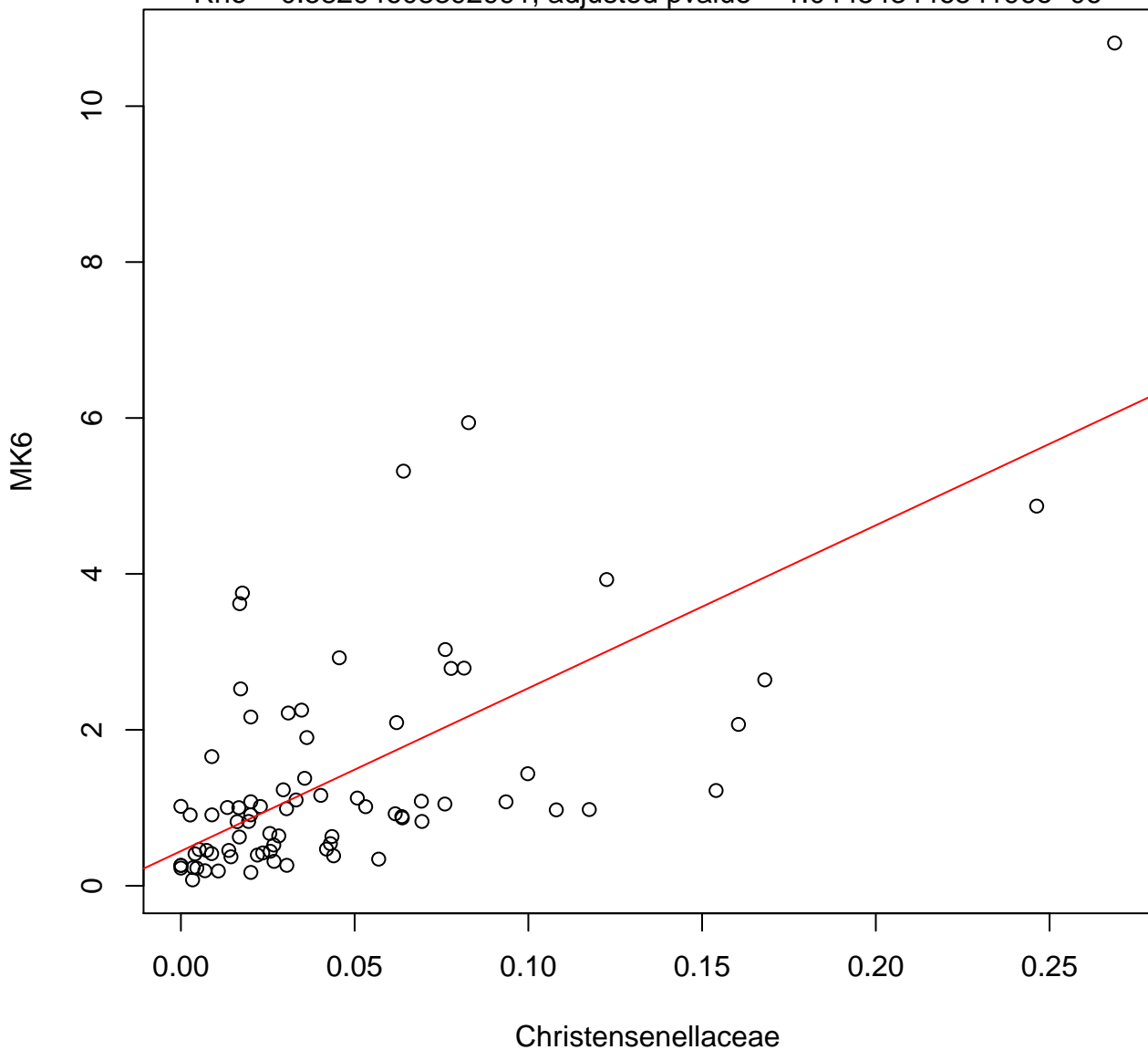
Timepoint 2 , MK6 ~ Clostridiales

Rho = 0.409343349707496, adjusted pvalue = 0.00143250843023401



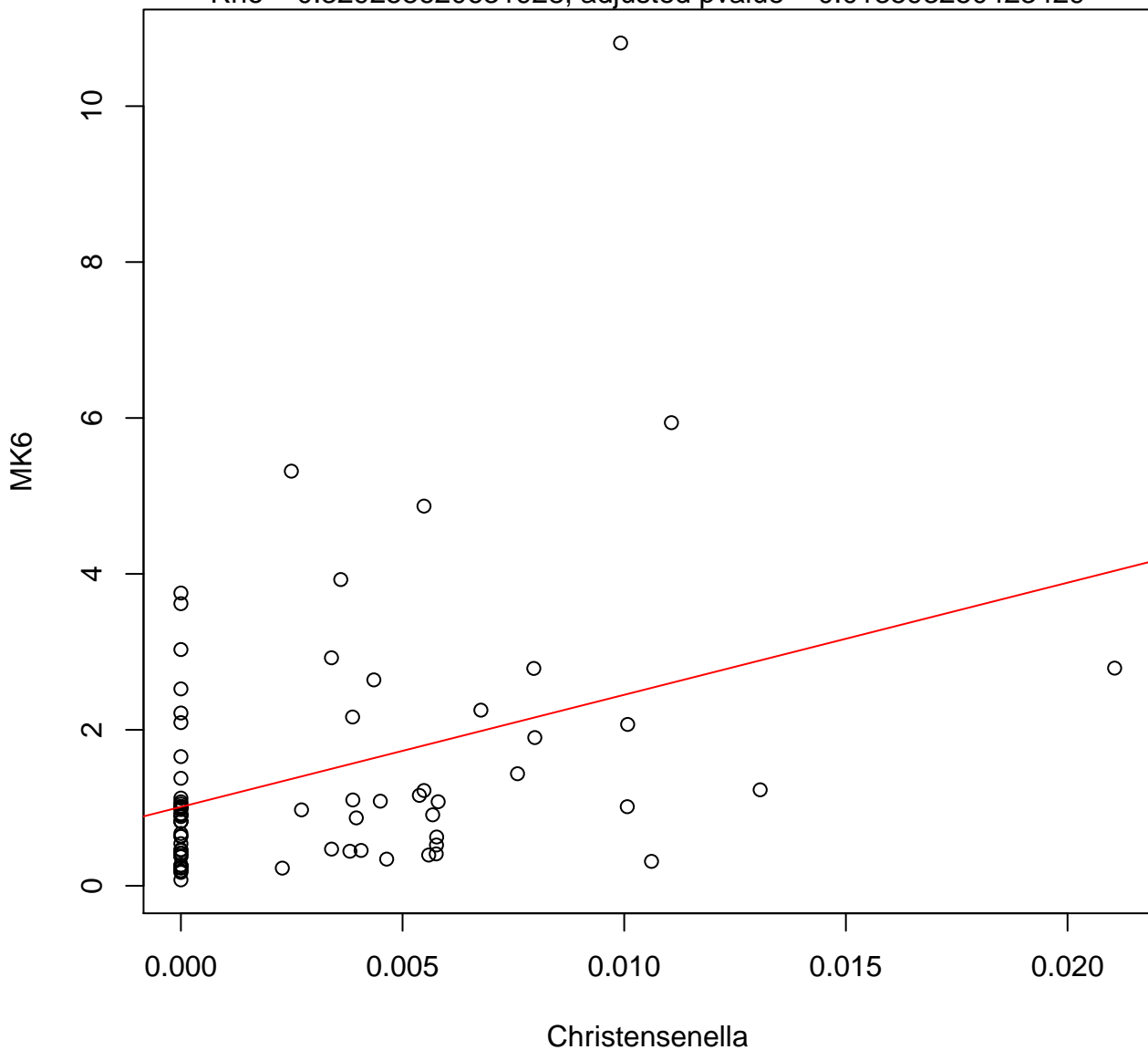
Timepoint 2 , MK6 ~ Christensenellaceae

Rho = 0.58294608392991, adjusted pvalue = 1.04454344654196e-06



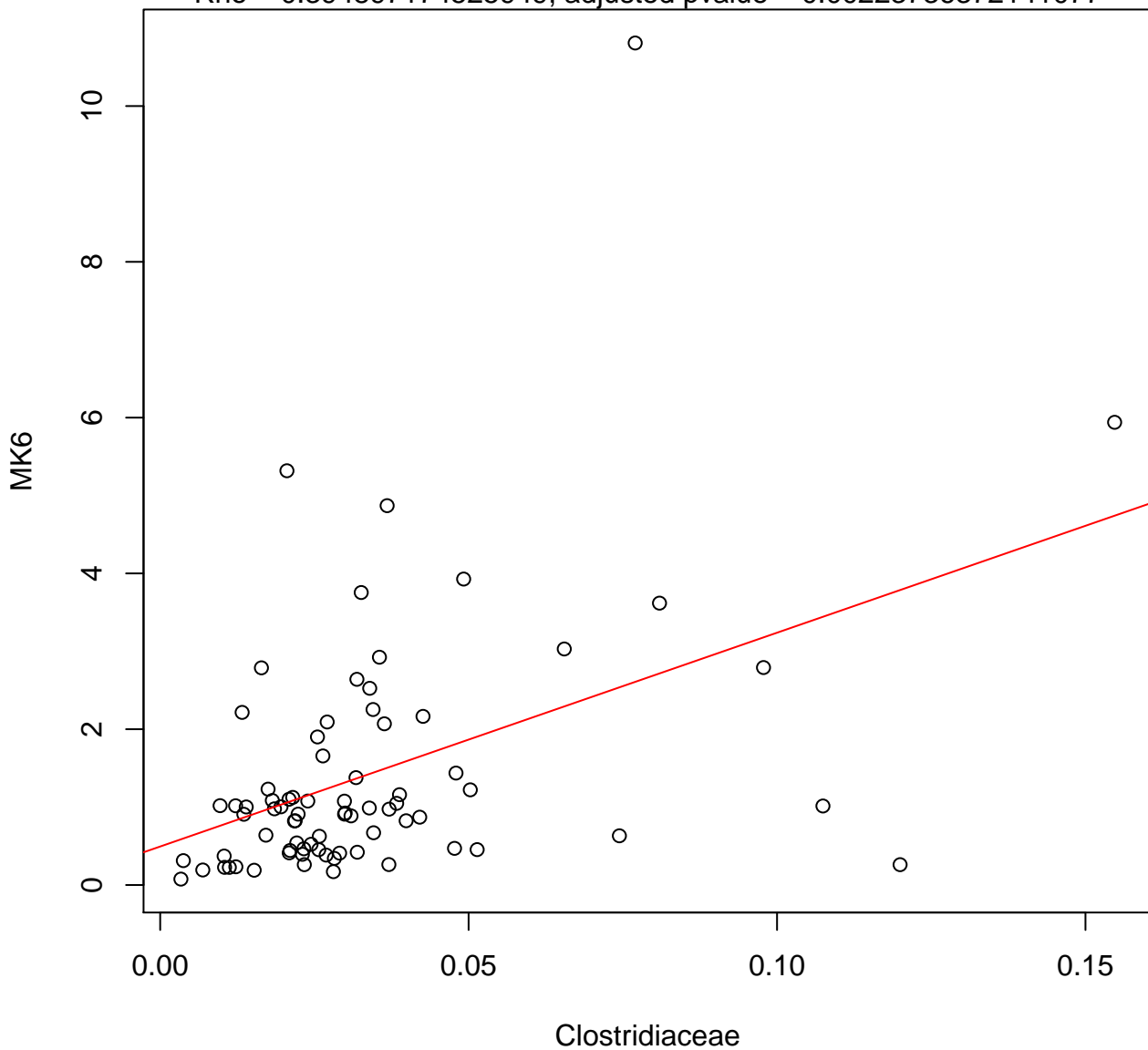
Timepoint 2 , MK6 ~ Christensenella

Rho = 0.329258620631928, adjusted pvalue = 0.013593250423429



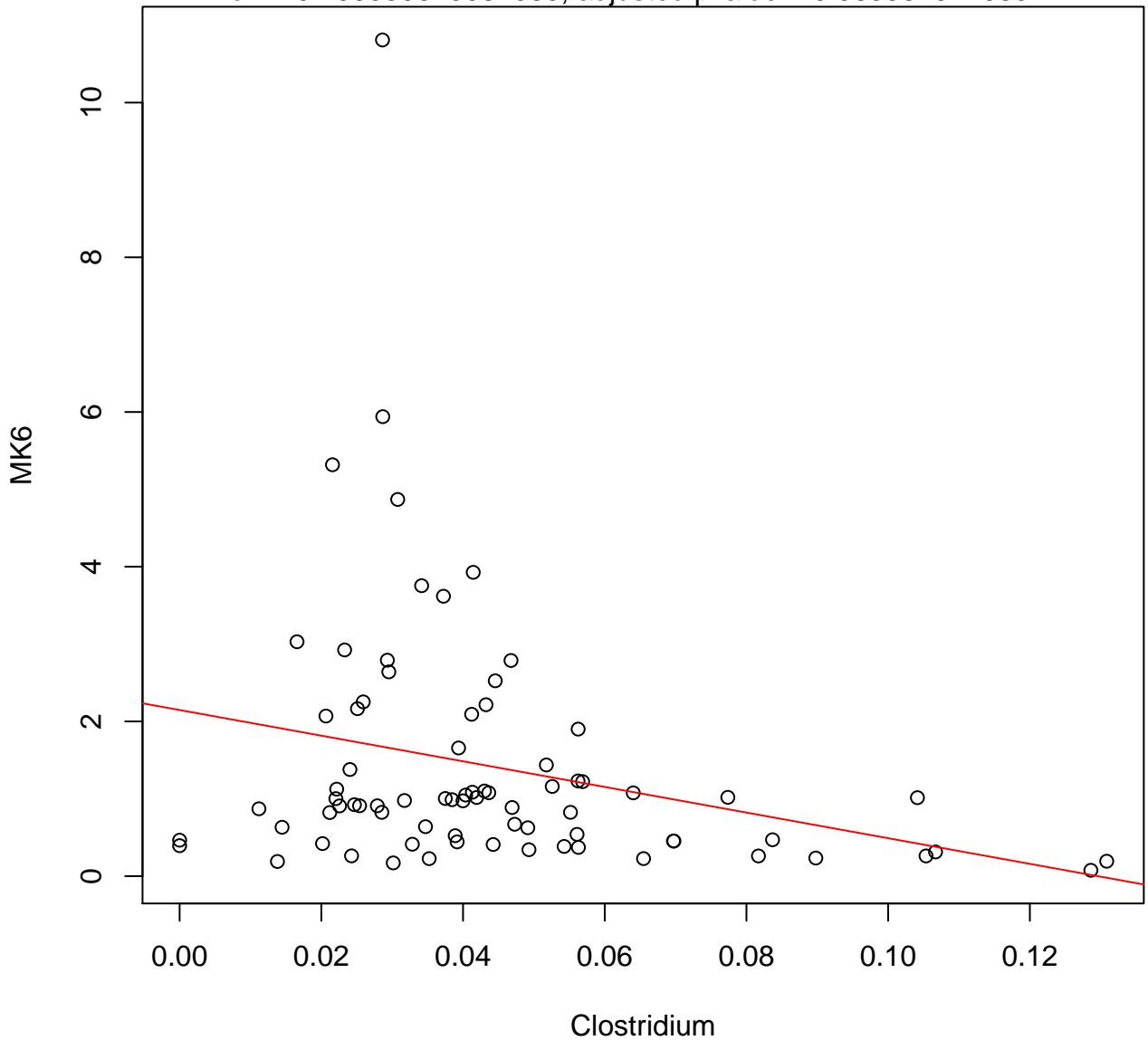
Timepoint 2 , MK6 ~ Clostridiaceae

Rho = 0.394897174525949, adjusted pvalue = 0.00223736372141077



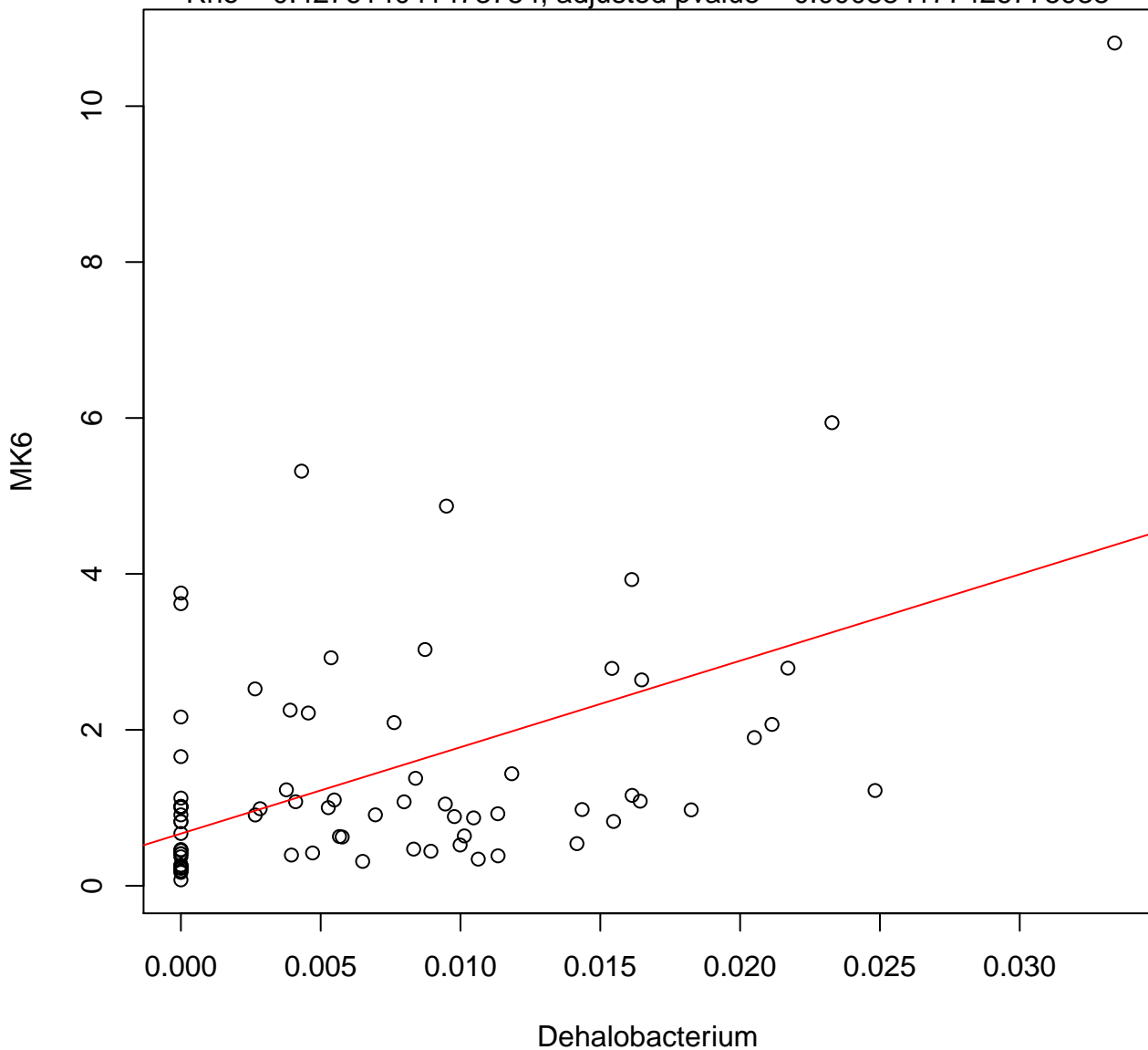
Timepoint 2 , MK6 ~ Clostridium

Rho = -0.259559645087085 , adjusted pvalue = 0.0635845720857717



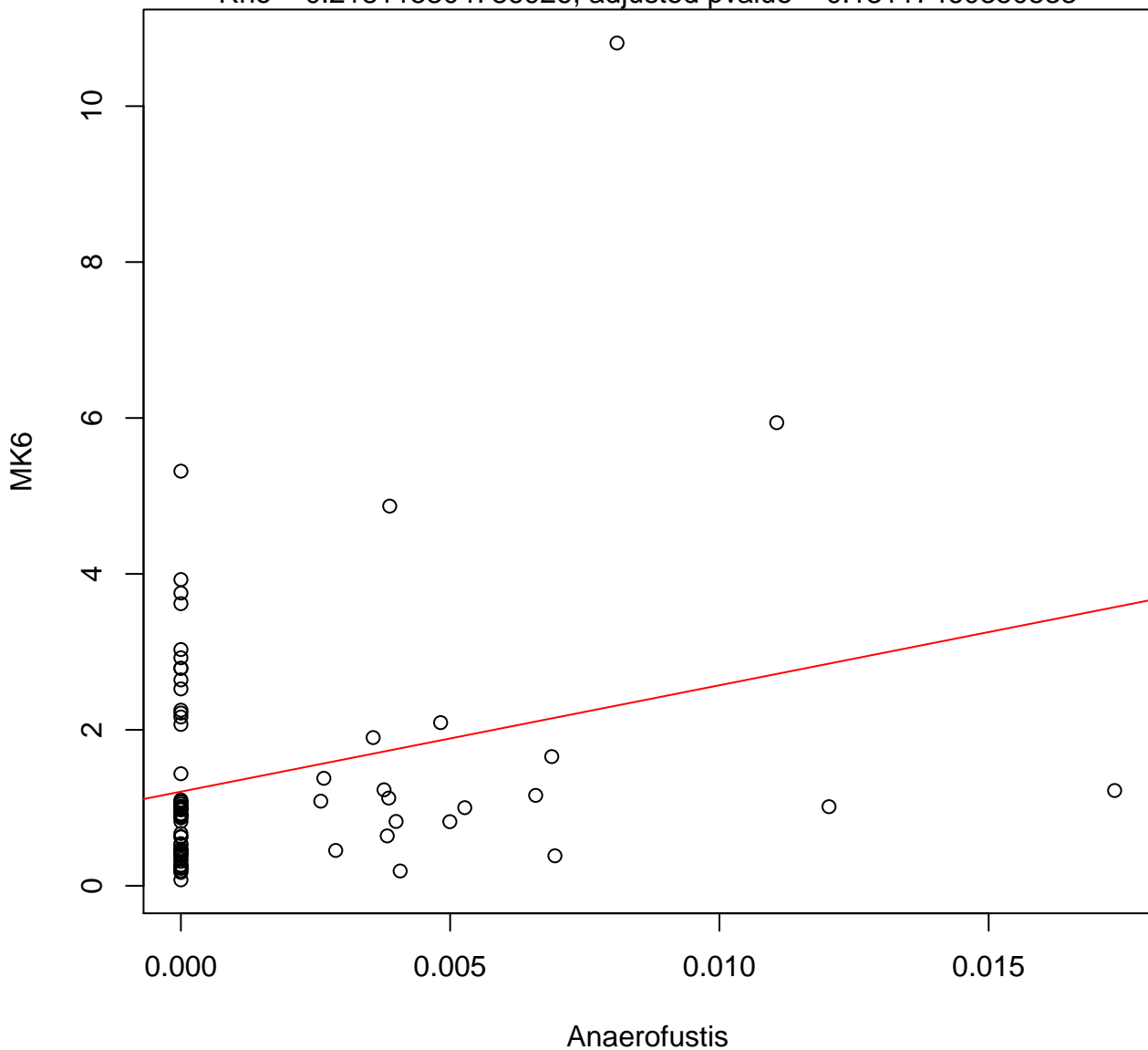
Timepoint 2 , MK6 ~ Dehalobacterium

Rho = 0.427614041473754, adjusted pvalue = 0.000884177426775938



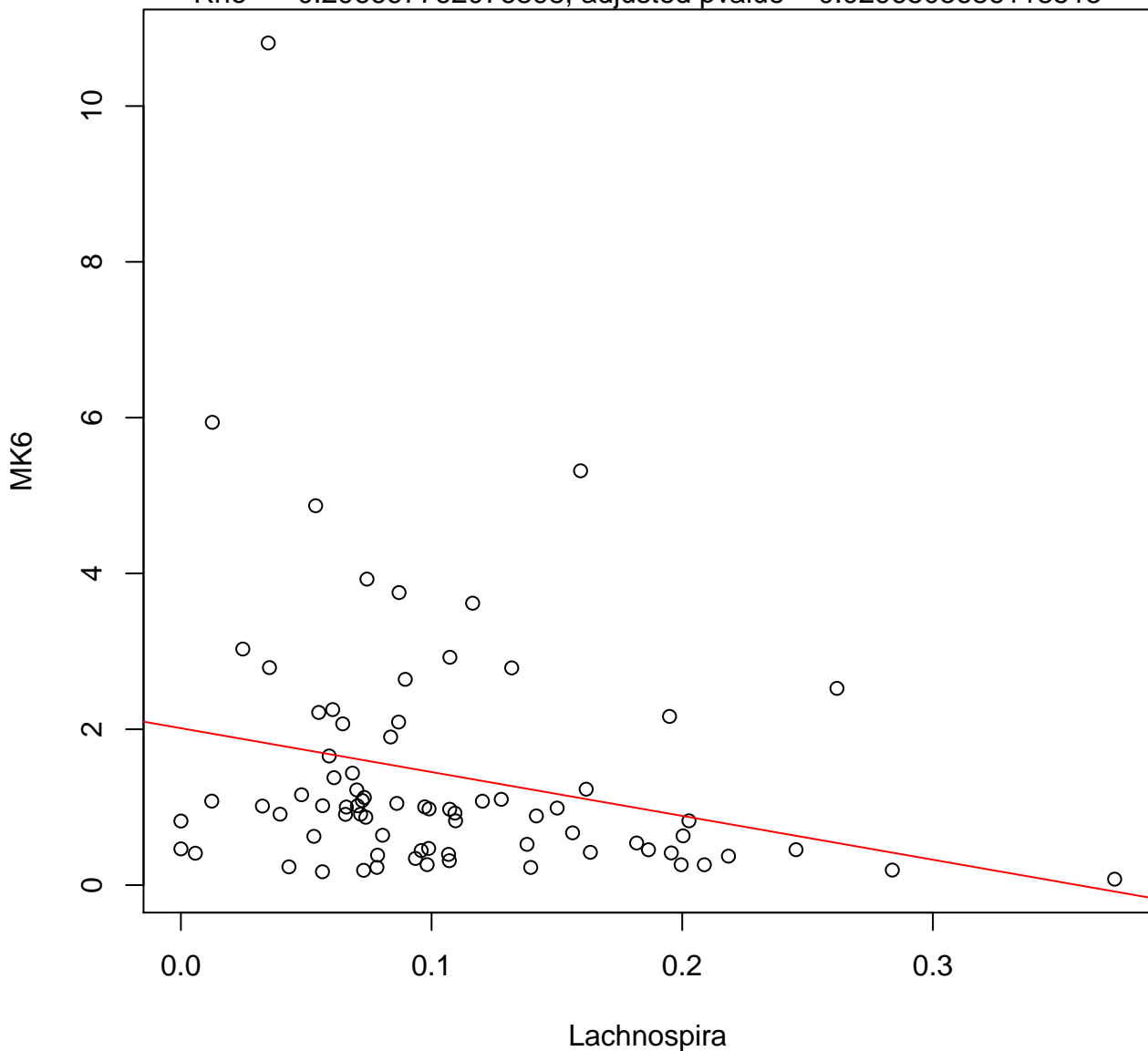
Timepoint 2 , MK6 ~ Anaerofustis

Rho = 0.218115304786926, adjusted pvalue = 0.13117460350533



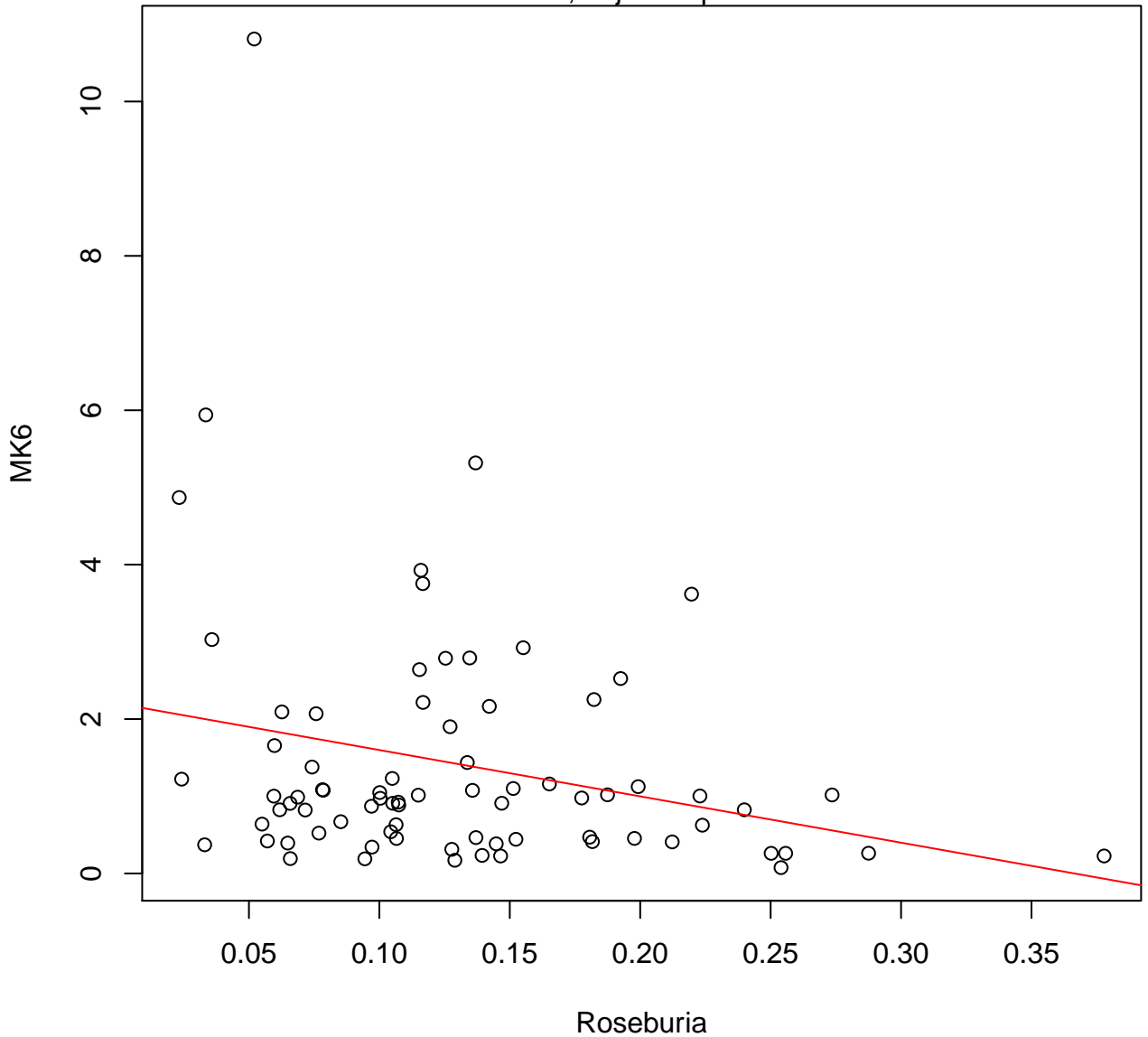
Timepoint 2 , MK6 ~ Lachnospira

Rho = -0.296667762076898 , adjusted pvalue = 0.0296505686118515



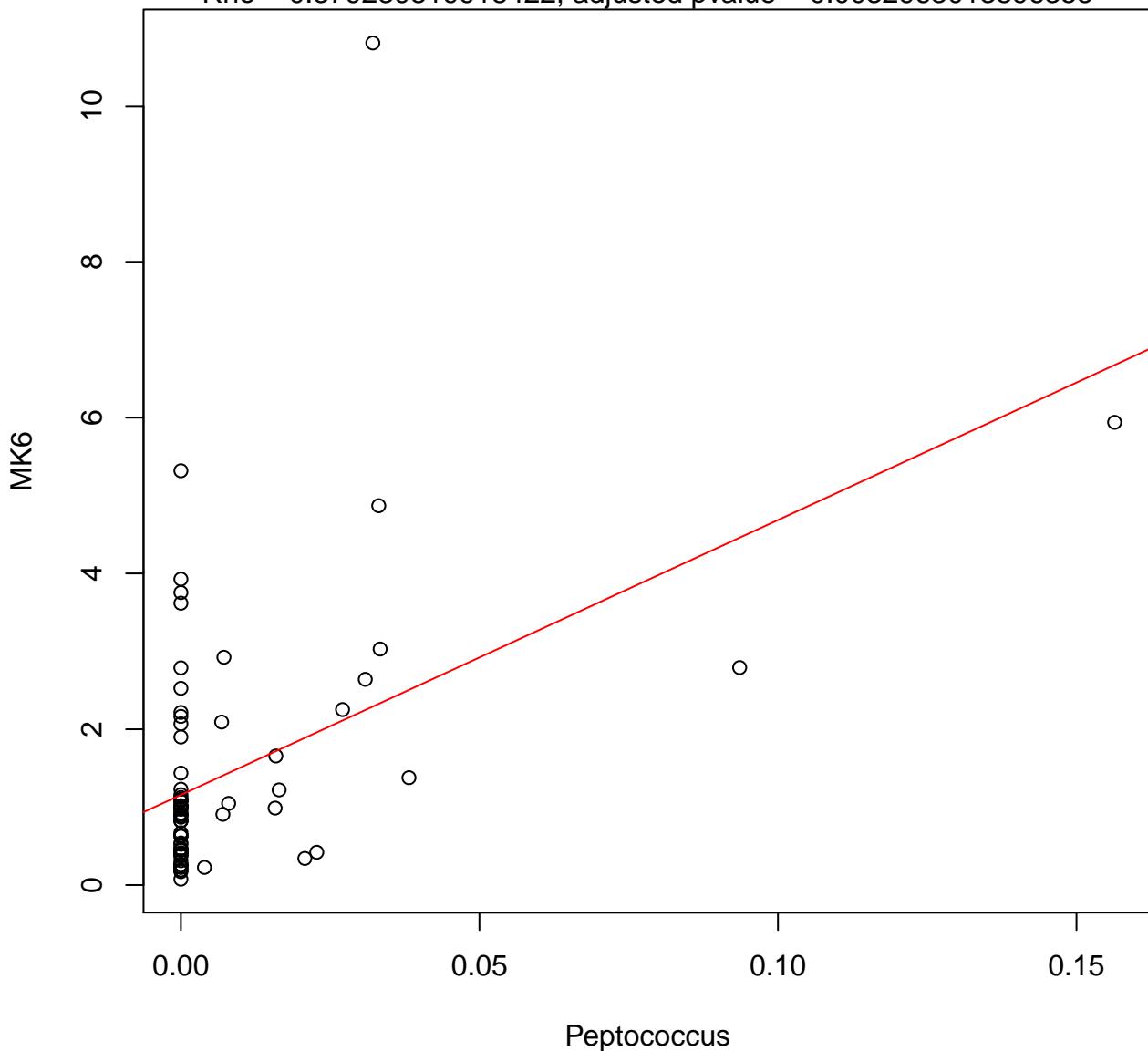
Timepoint 2 , MK6 ~ Roseburia

Rho = -0.201037127594696 , adjusted pvalue = 0.167665310126719



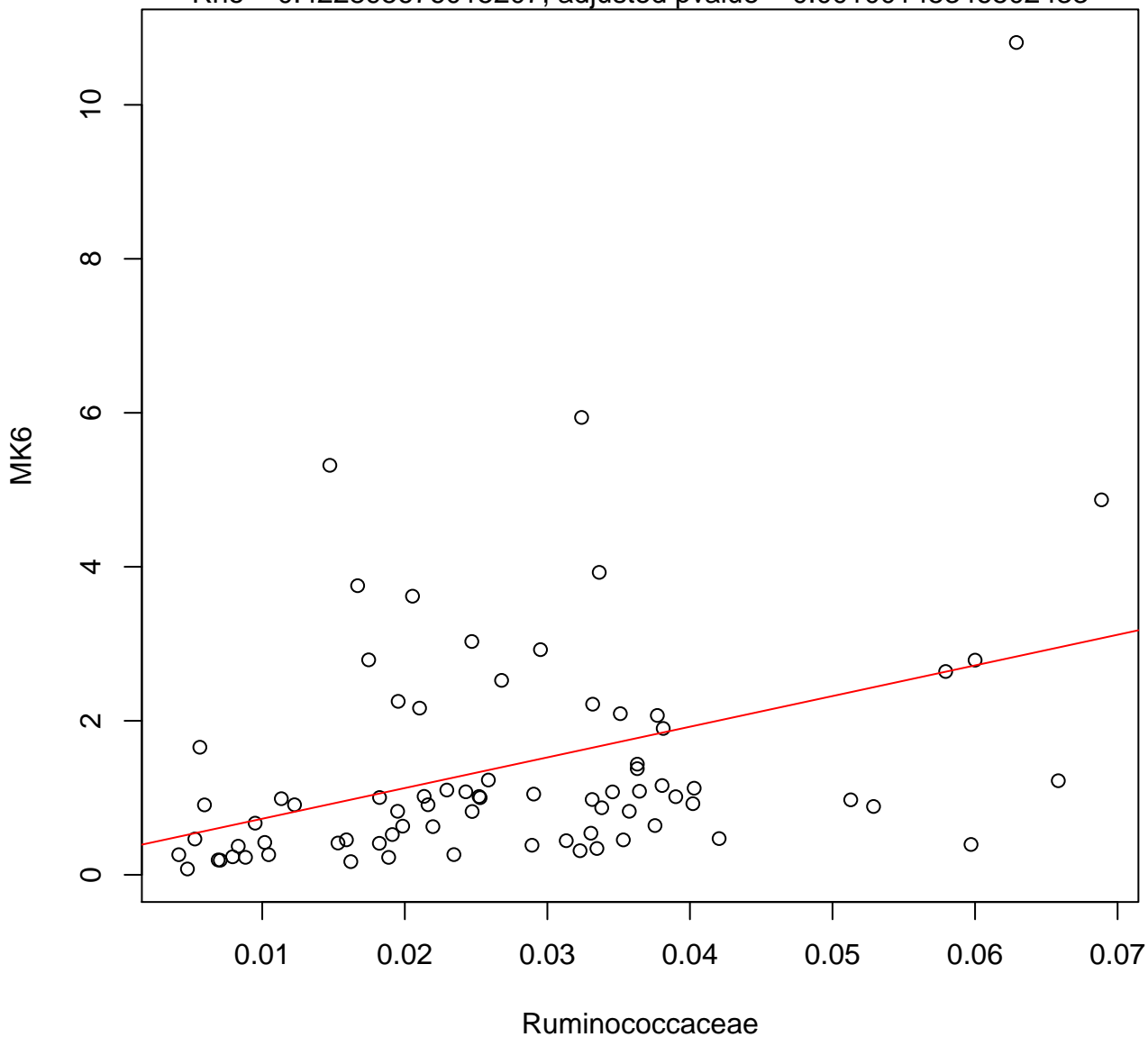
Timepoint 2 , MK6 ~ Peptococcus

Rho = 0.379239819918422, adjusted pvalue = 0.0032963013896355



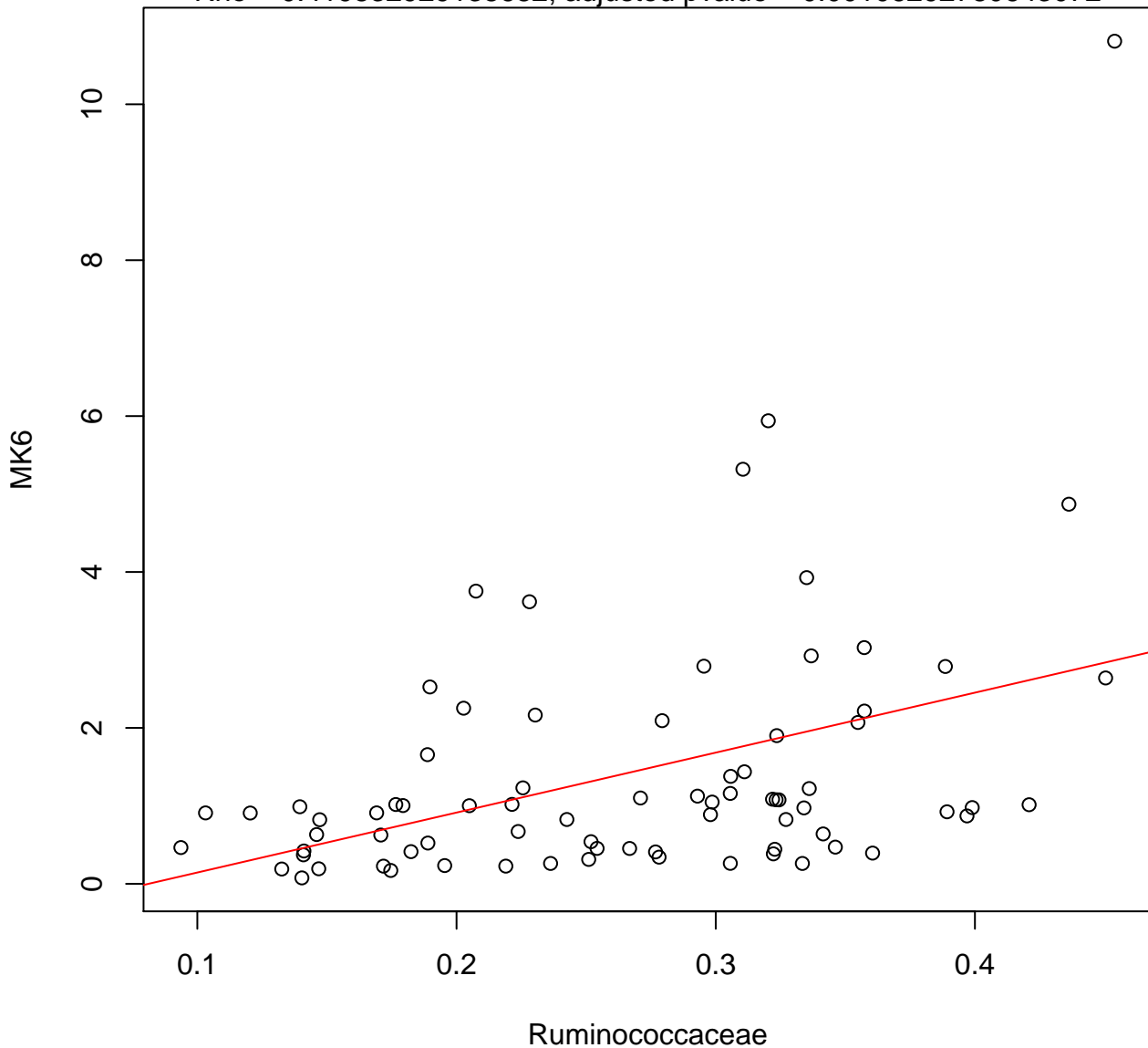
Timepoint 2 , MK6 ~ Ruminococcaceae

Rho = 0.422895676015207, adjusted pvalue = 0.00100145346502433



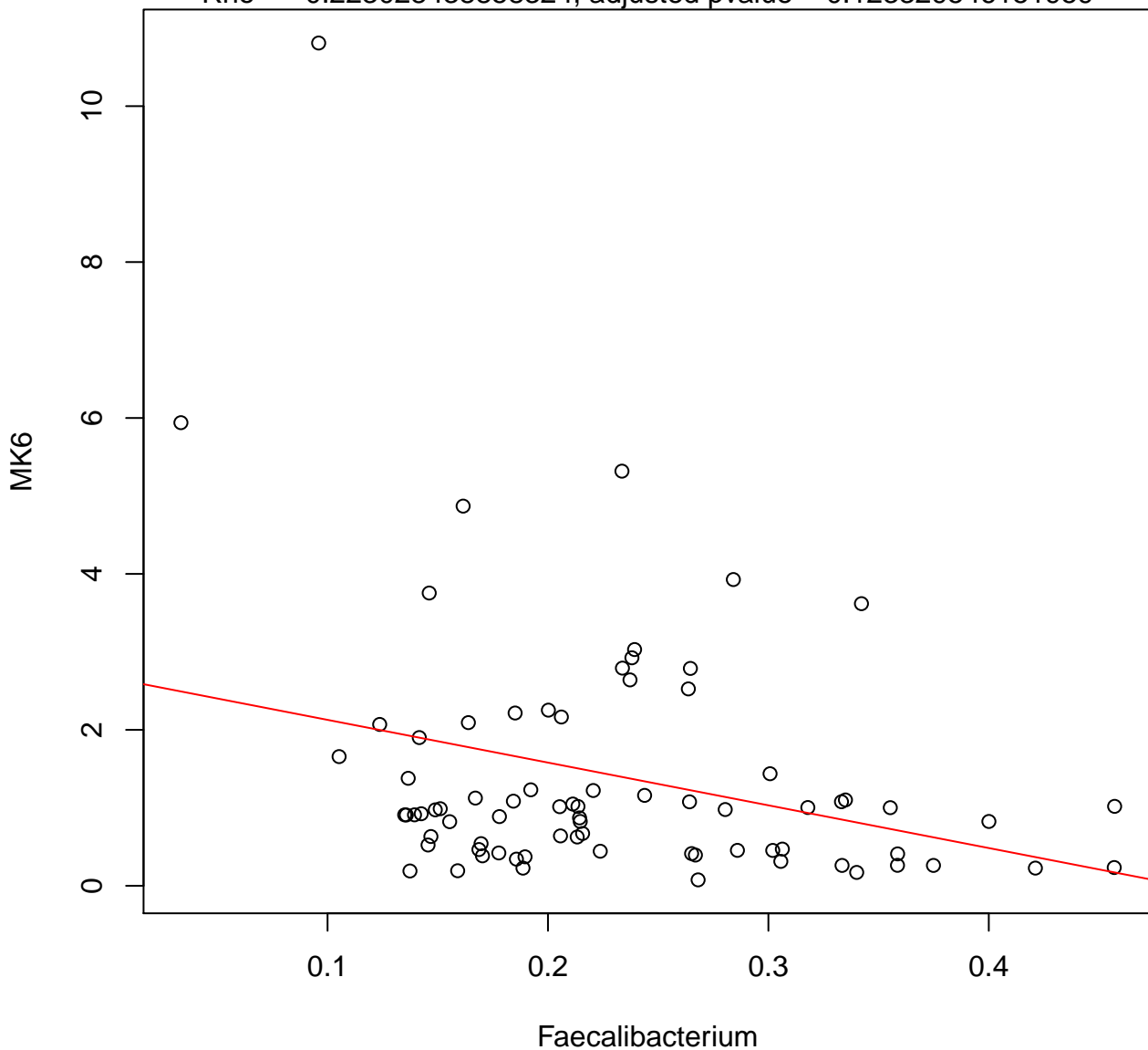
Timepoint 2 , MK6 ~ Ruminococcaceae

Rho = 0.419832929138682, adjusted pvalue = 0.00106292780643072



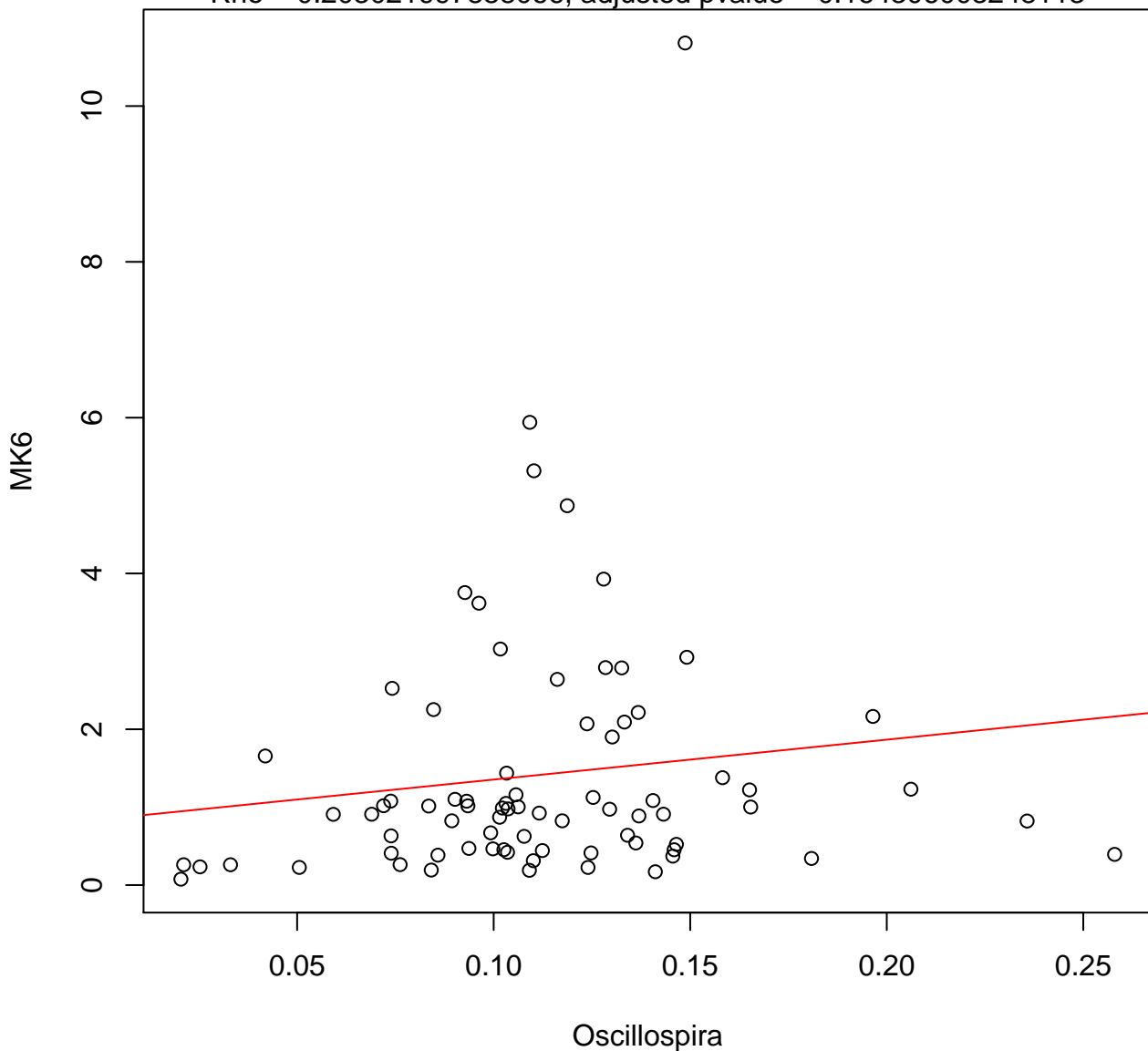
Timepoint 2 , MK6 ~ Faecalibacterium

Rho = -0.223028438858324 , adjusted pvalue = 0.123329546151959



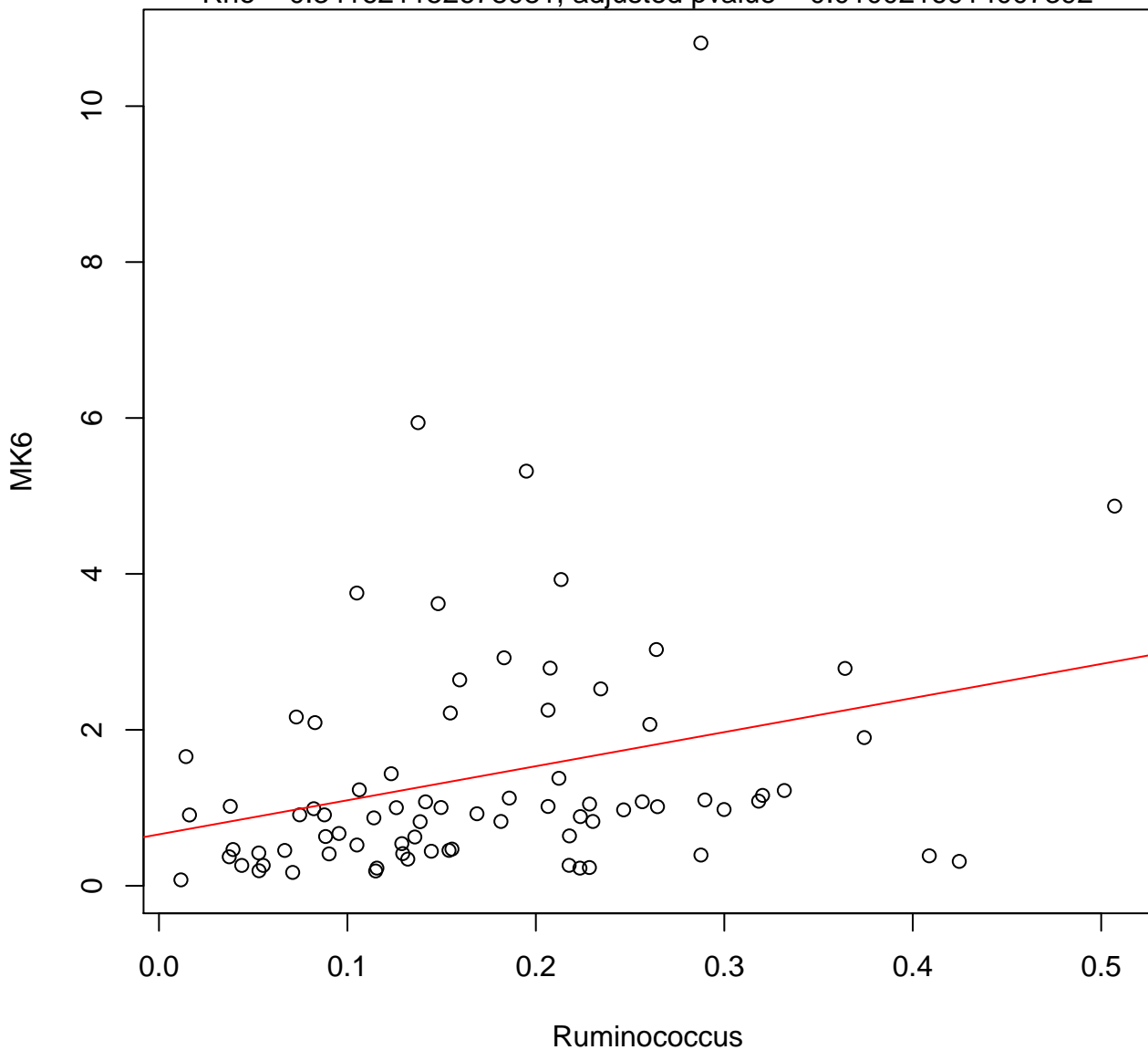
Timepoint 2 , MK6 ~ Oscillospira

Rho = 0.203021997888066, adjusted pvalue = 0.164306003248113



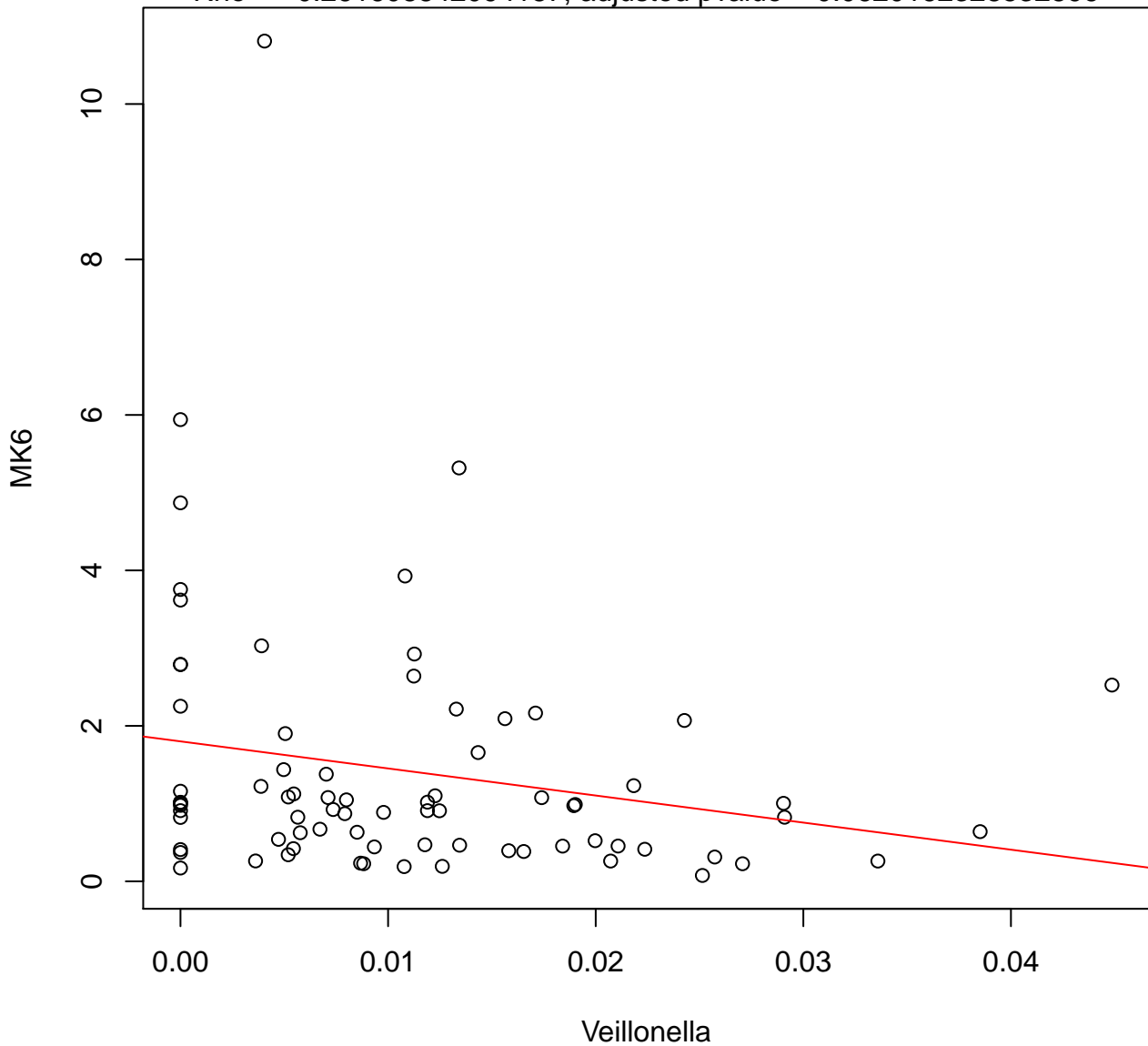
Timepoint 2 , MK6 ~ Ruminococcus

Rho = 0.341621152678081, adjusted pvalue = 0.0100216914007392



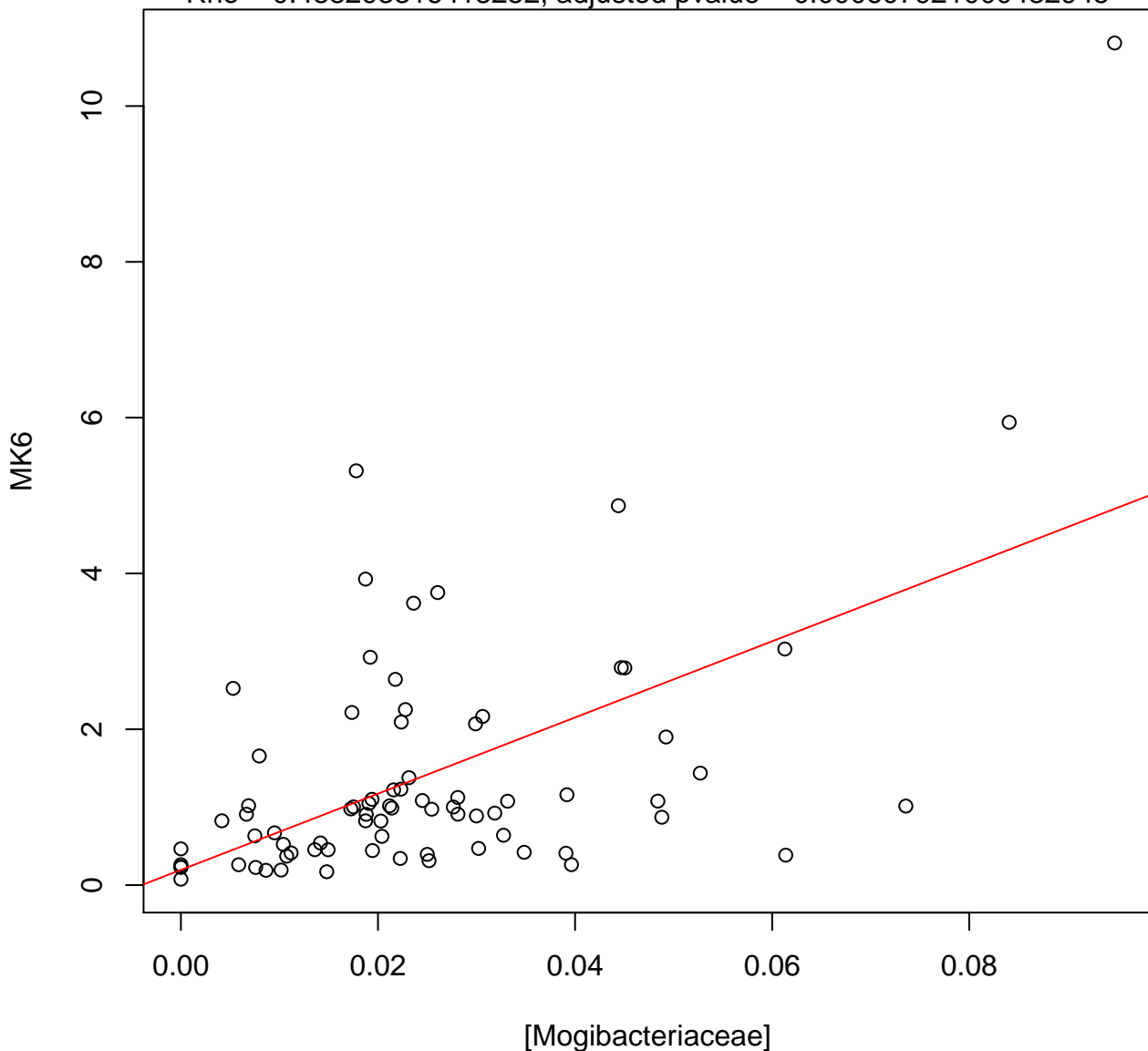
Timepoint 2 , MK6 ~ Veillonella

Rho = -0.261608842094187 , adjusted pvalue = 0.0620162328532896



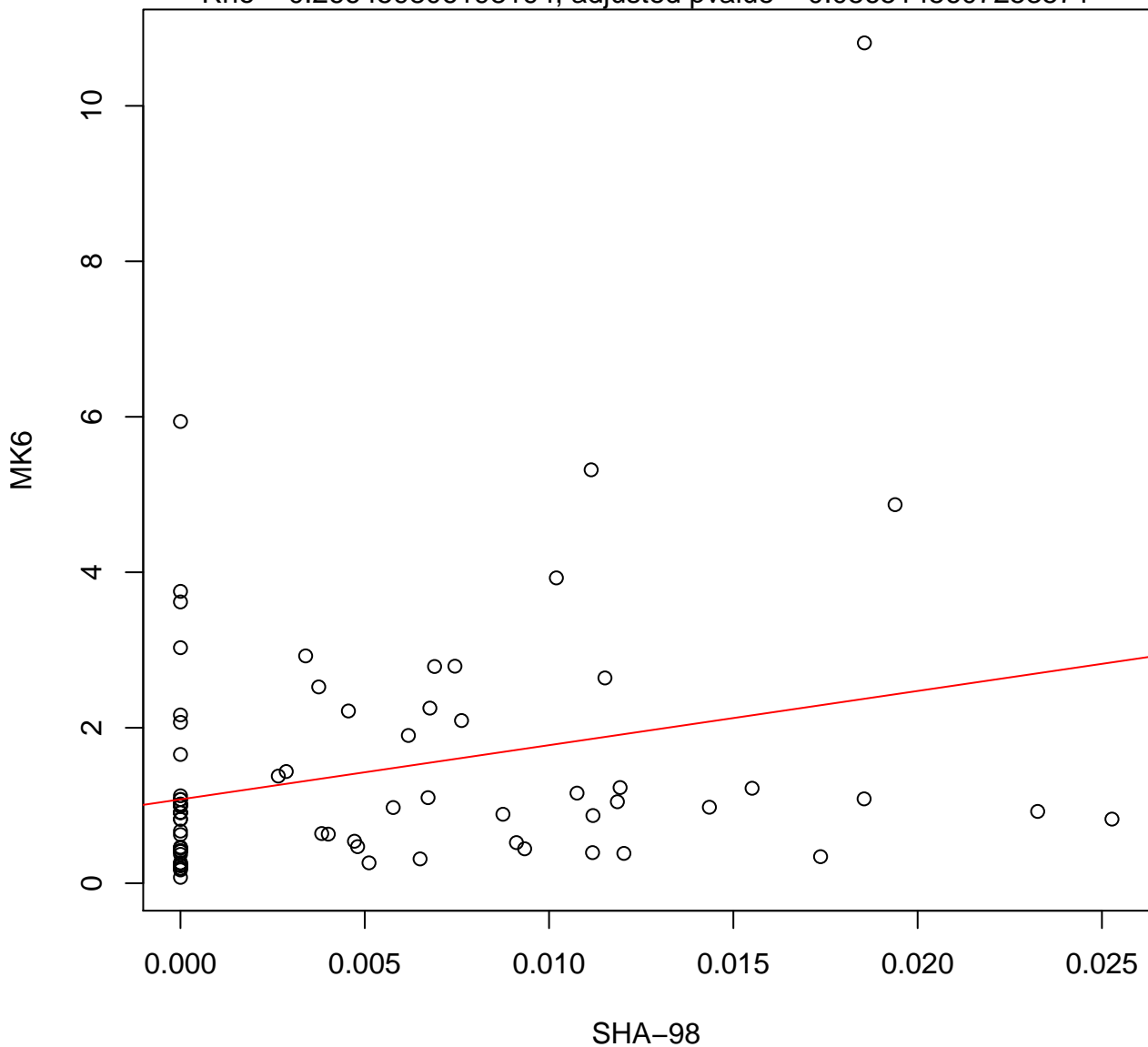
Timepoint 2 , MK6 ~ [Mogibacteriaceae]

Rho = 0.438293316418252, adjusted pvalue = 0.000607921000432945



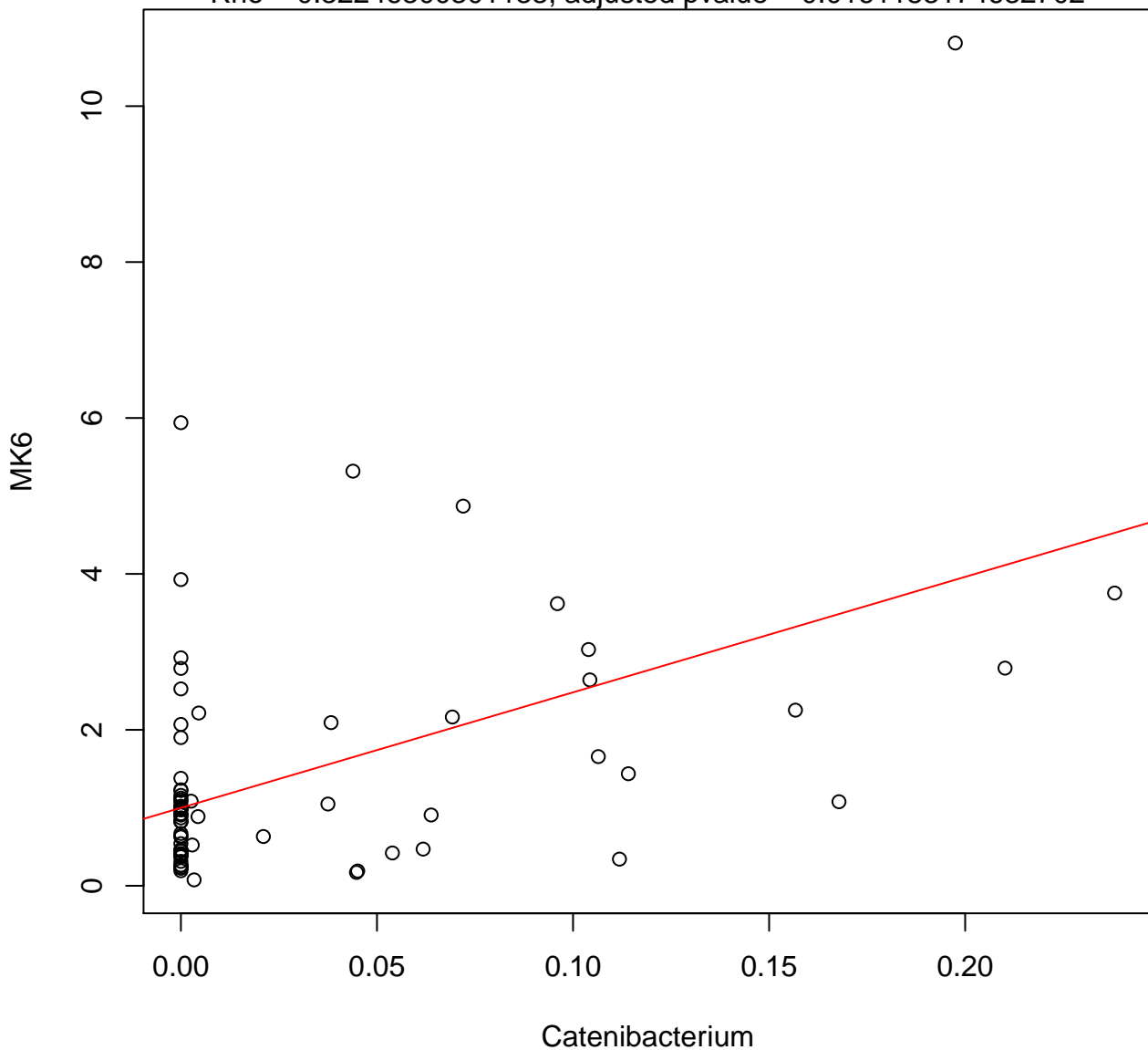
Timepoint 2 , MK6 ~ SHA-98

Rho = 0.266459806198194, adjusted pvalue = 0.0565145607253571



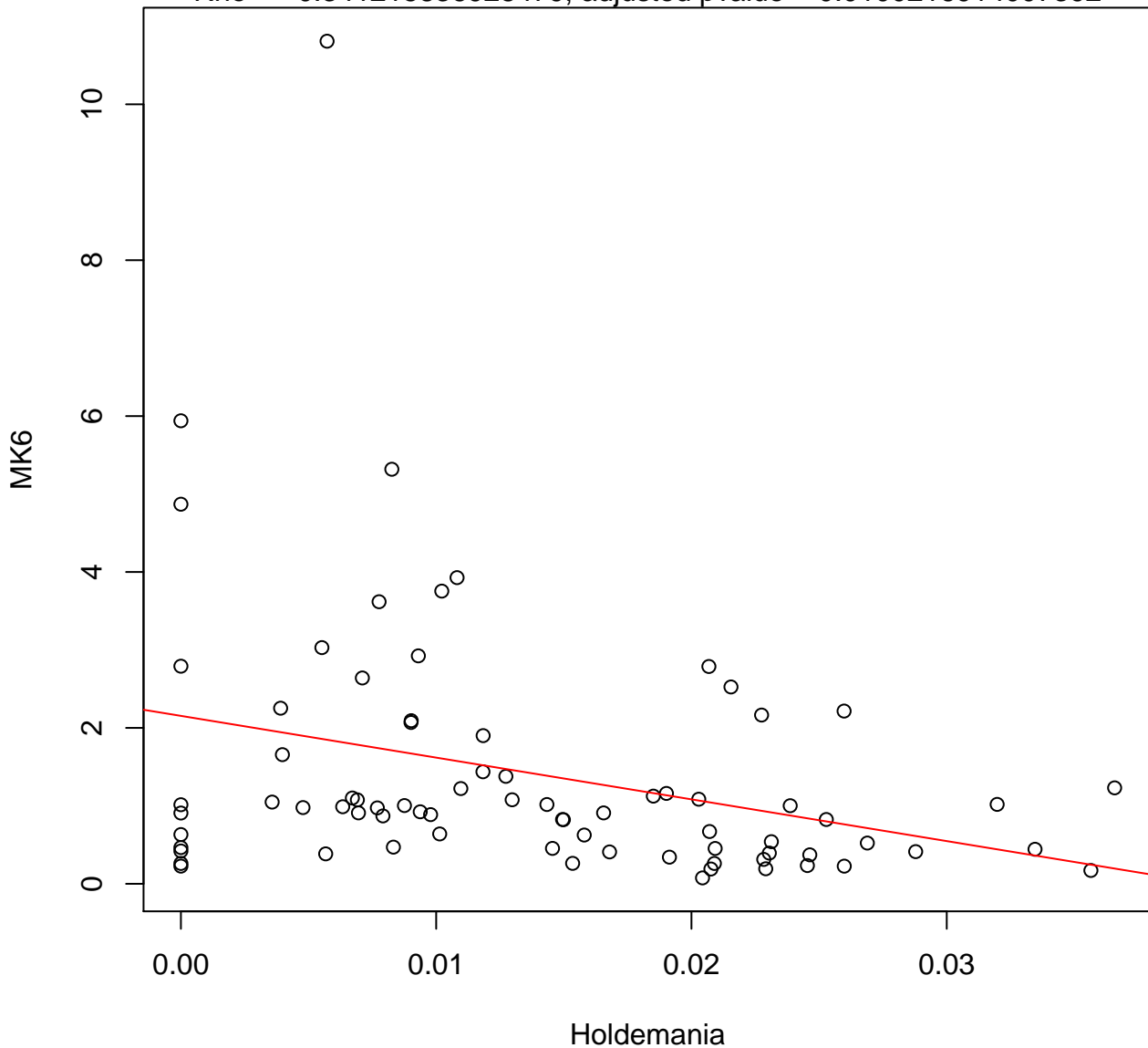
Timepoint 2 , MK6 ~ Catenibacterium

Rho = 0.32246300301133, adjusted pvalue = 0.0161183174632702



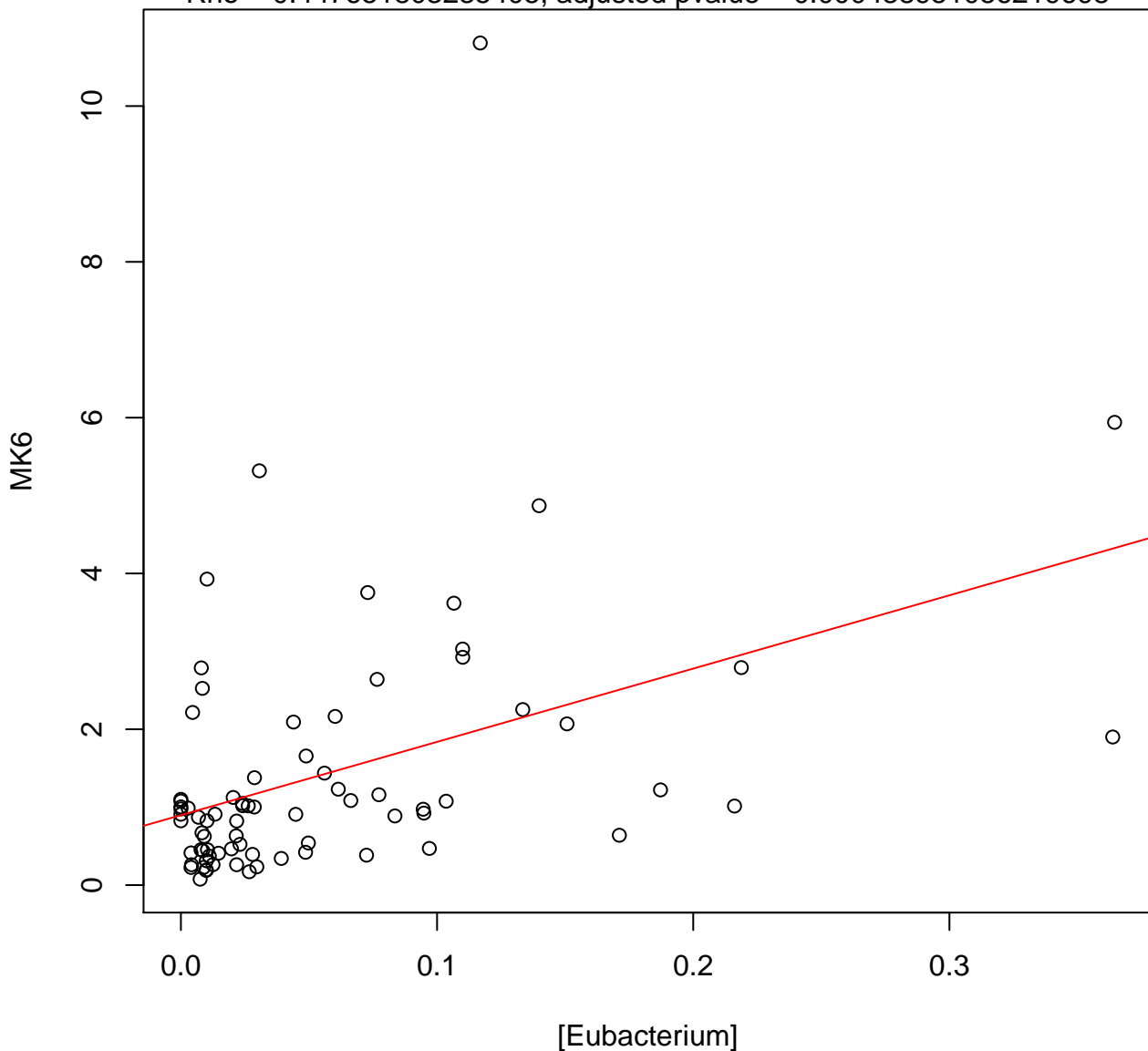
Timepoint 2 , MK6 ~ Holdemania

Rho = -0.341215836928479 , adjusted pvalue = 0.0100216914007392



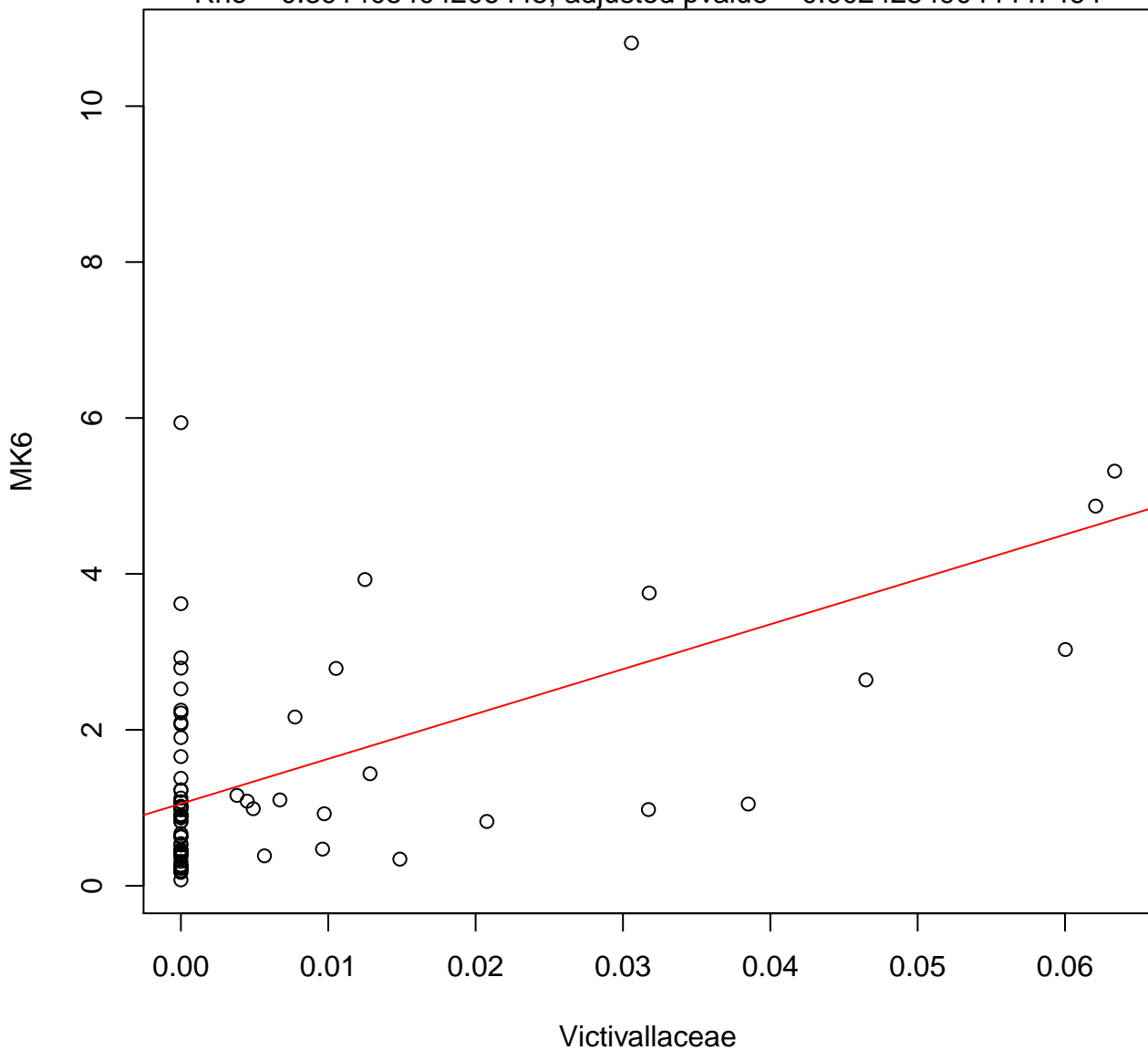
Timepoint 2 , MK6 ~ [Eubacterium]

Rho = 0.447651803235405, adjusted pvalue = 0.000438951056219698



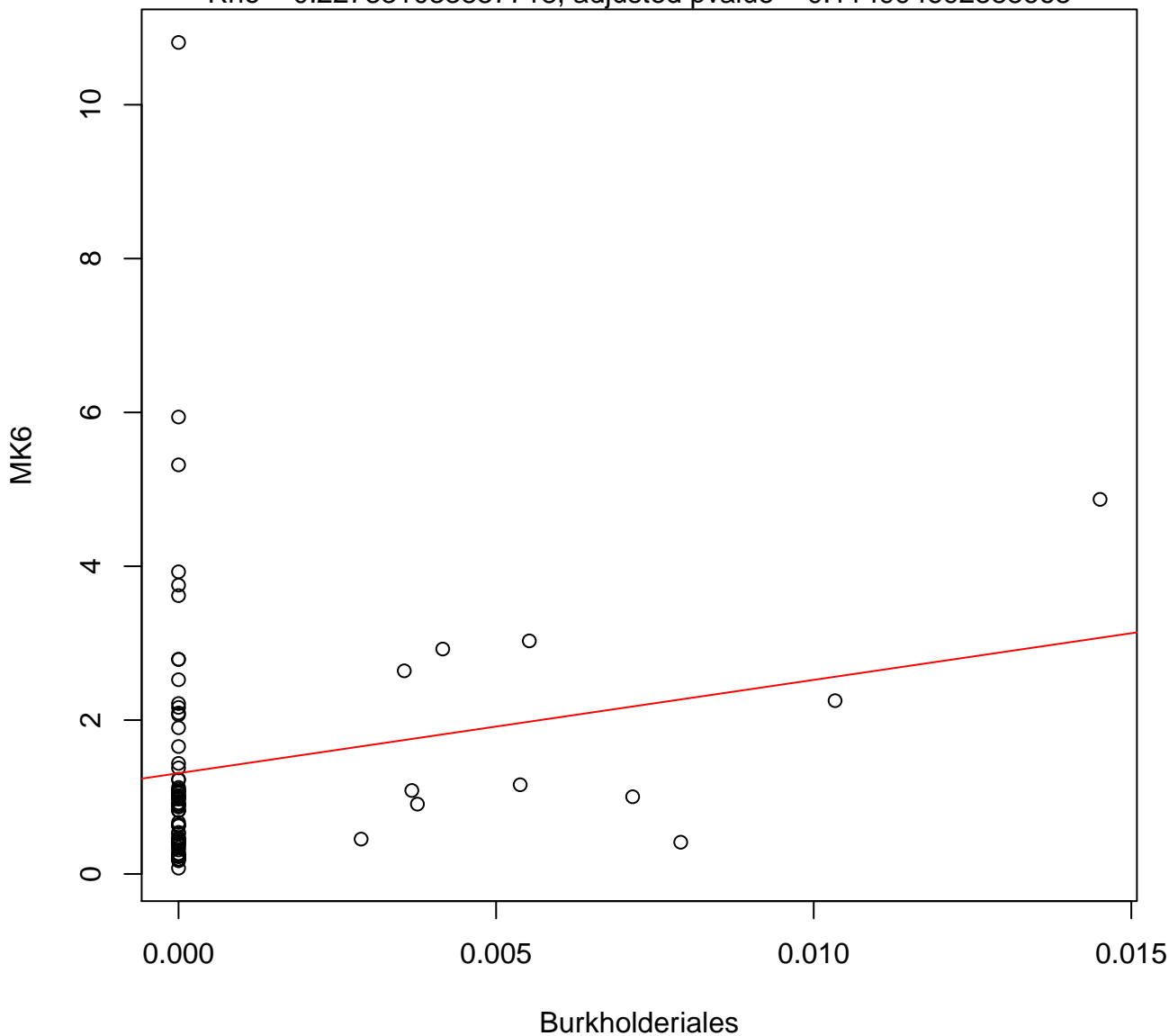
Timepoint 2 , MK6 ~ Victivallaceae

Rho = 0.391405404206445, adjusted pvalue = 0.00242549044447464



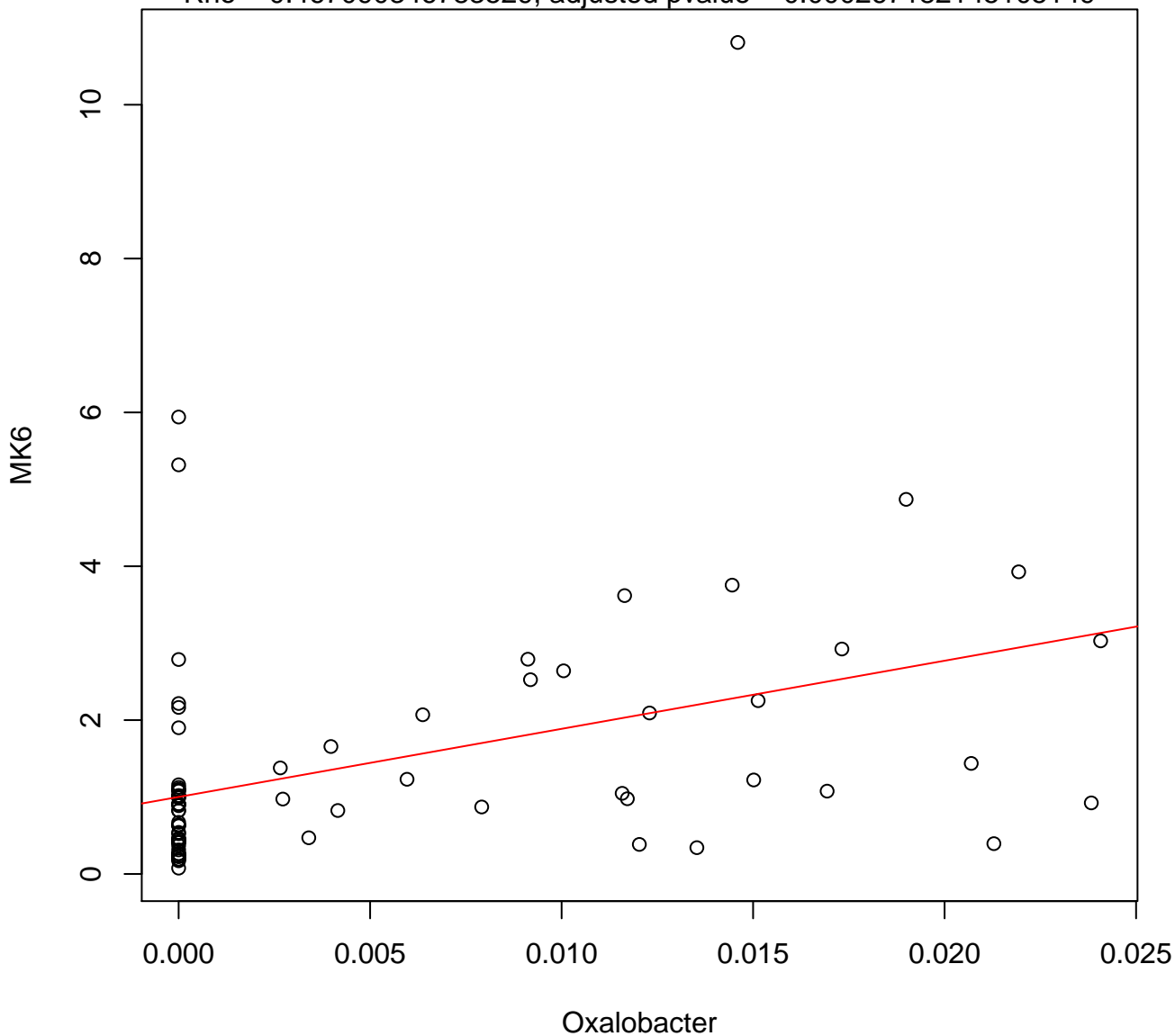
Timepoint 2 , MK6 ~ Burkholderiales

Rho = 0.227331033887718, adjusted pvalue = 0.114994692888668



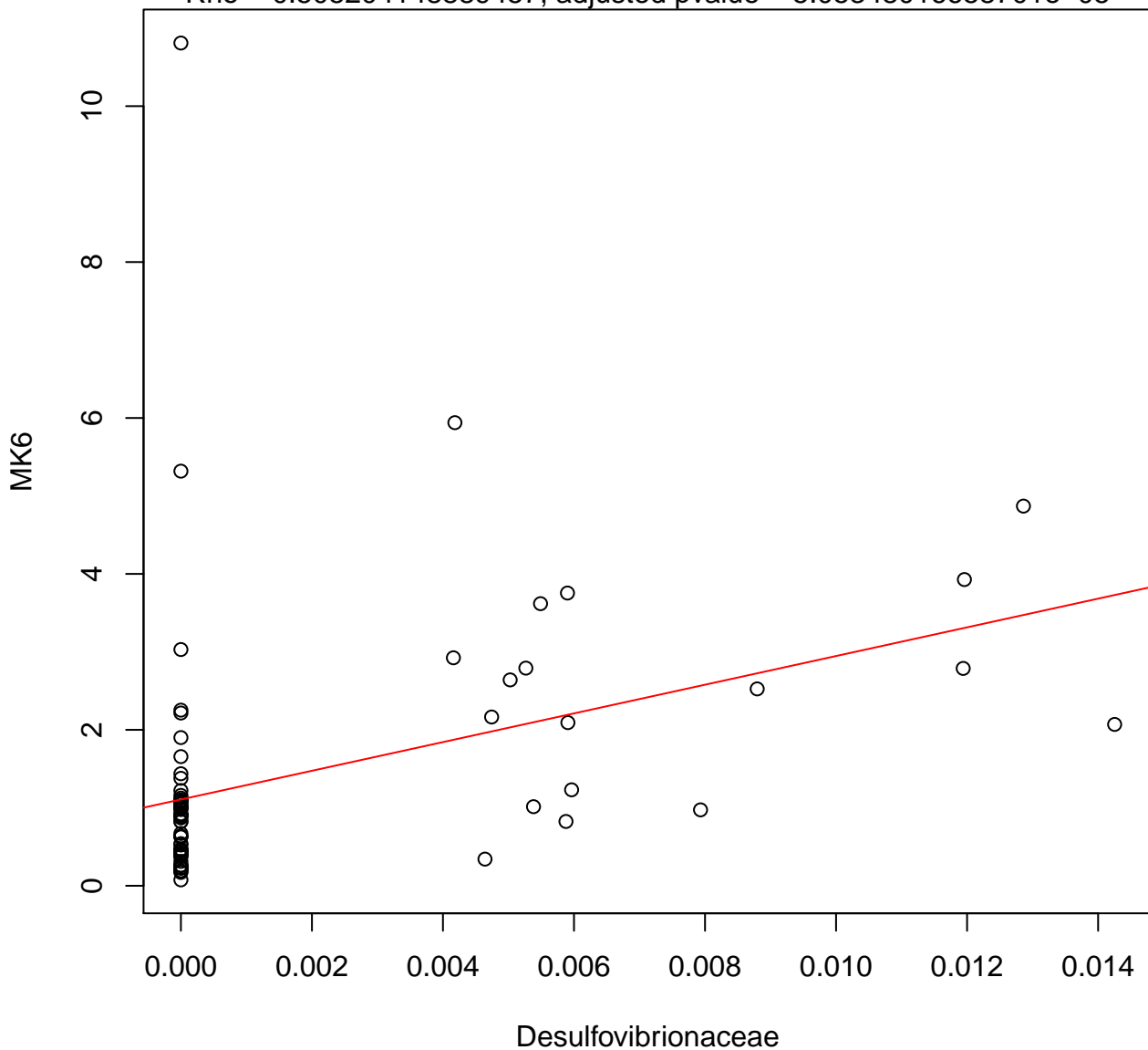
Timepoint 2 , MK6 ~ Oxalobacter

Rho = 0.467090346783529, adjusted pvalue = 0.000267182145105149



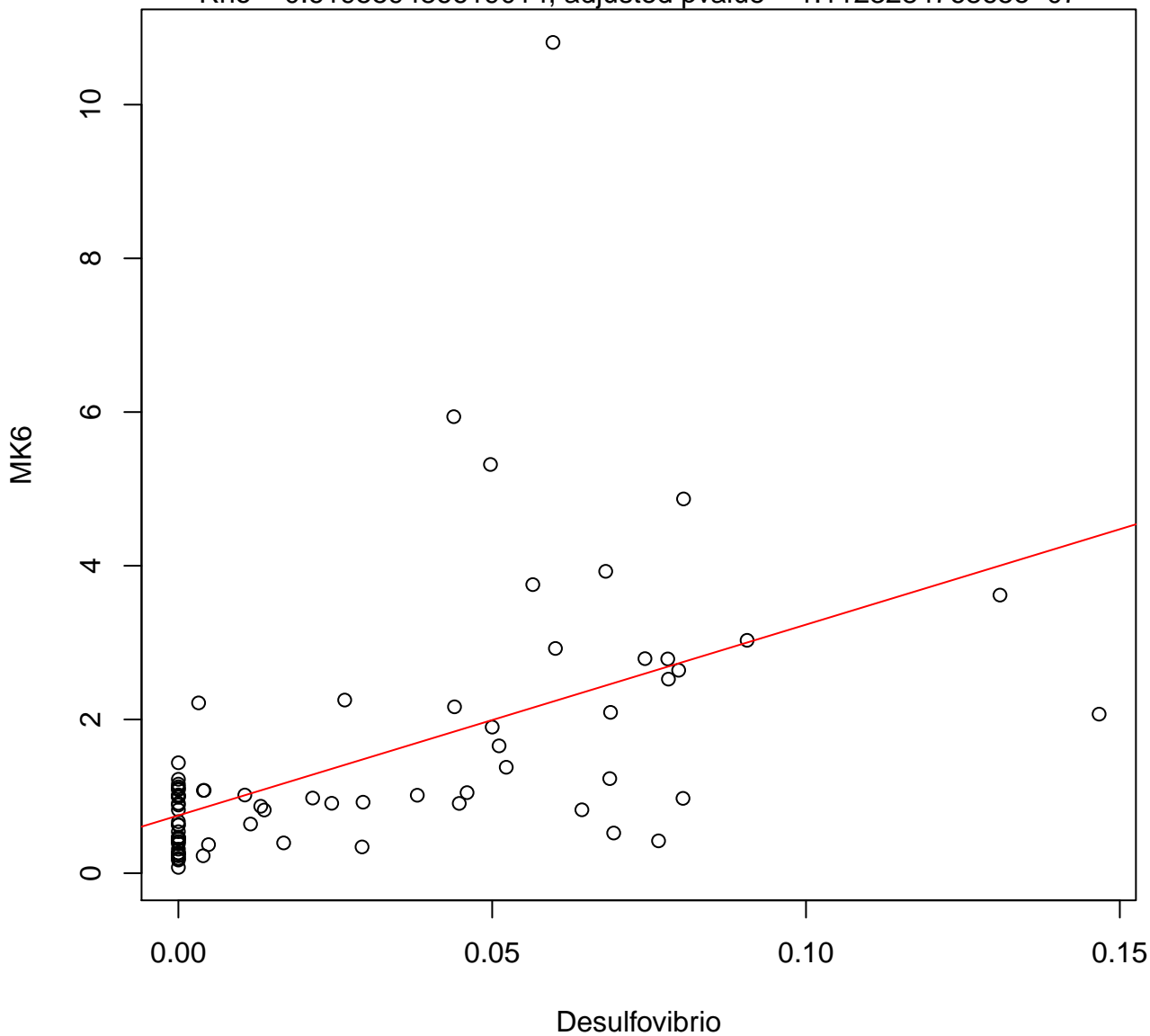
Timepoint 2 , MK6 ~ Desulfovibrionaceae

Rho = 0.505204148889457, adjusted pvalue = 5.05348016658701e-05



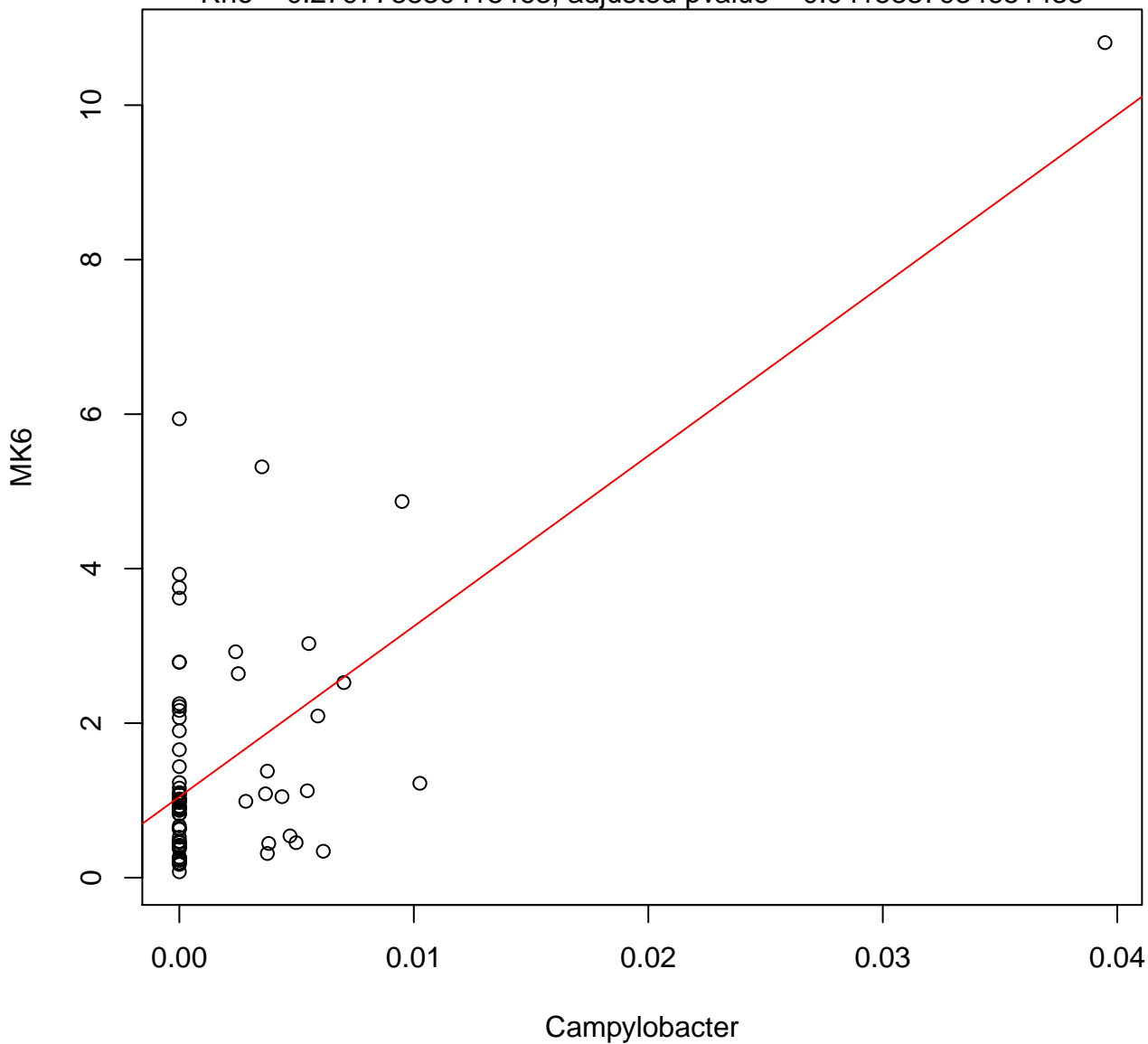
Timepoint 2 , MK6 ~ Desulfovibrio

Rho = 0.619559486619014, adjusted pvalue = 1.112328476865e-07



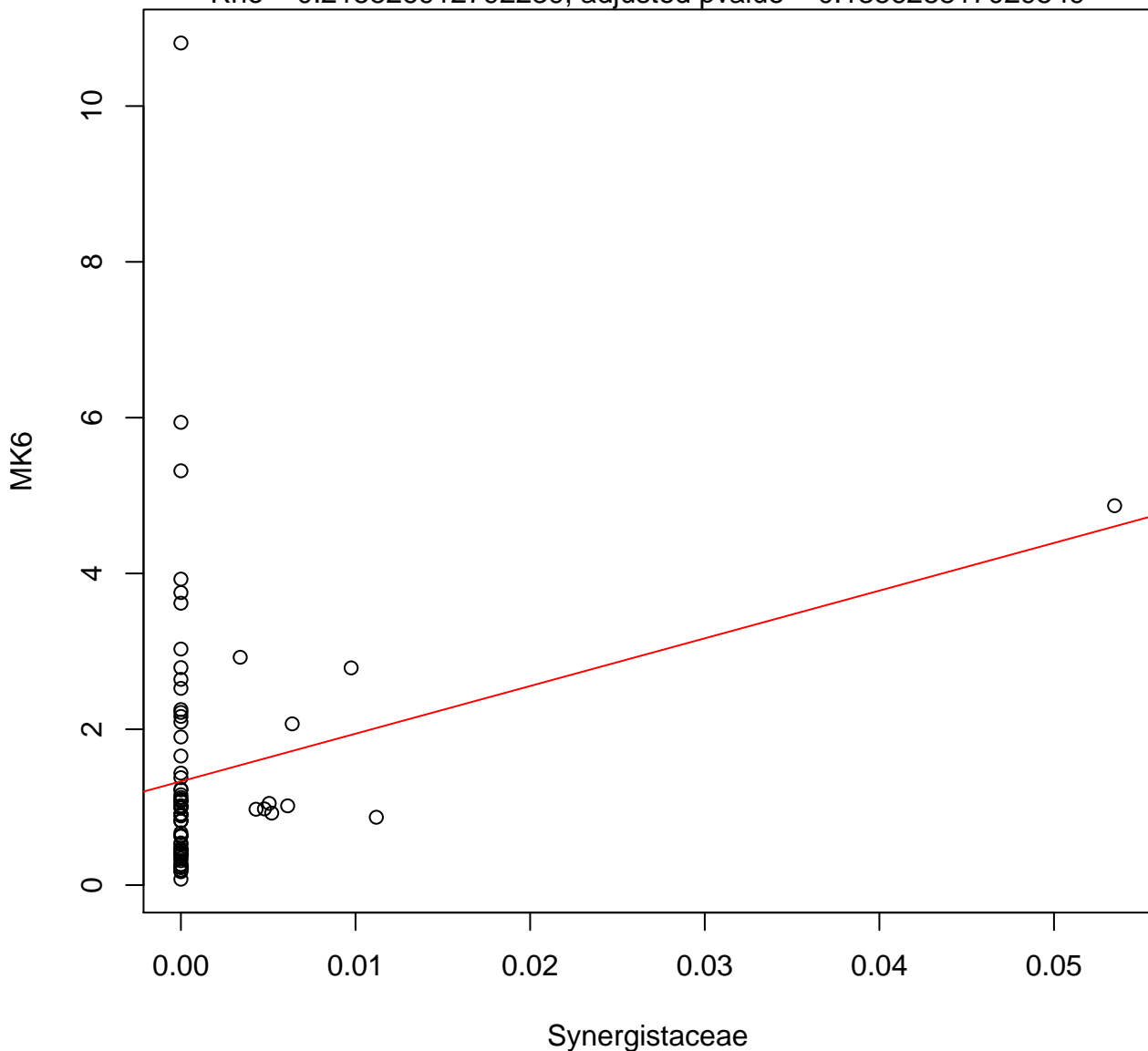
Timepoint 2 , MK6 ~ Campylobacter

Rho = 0.279778830418463, adjusted pvalue = 0.0415337934651435



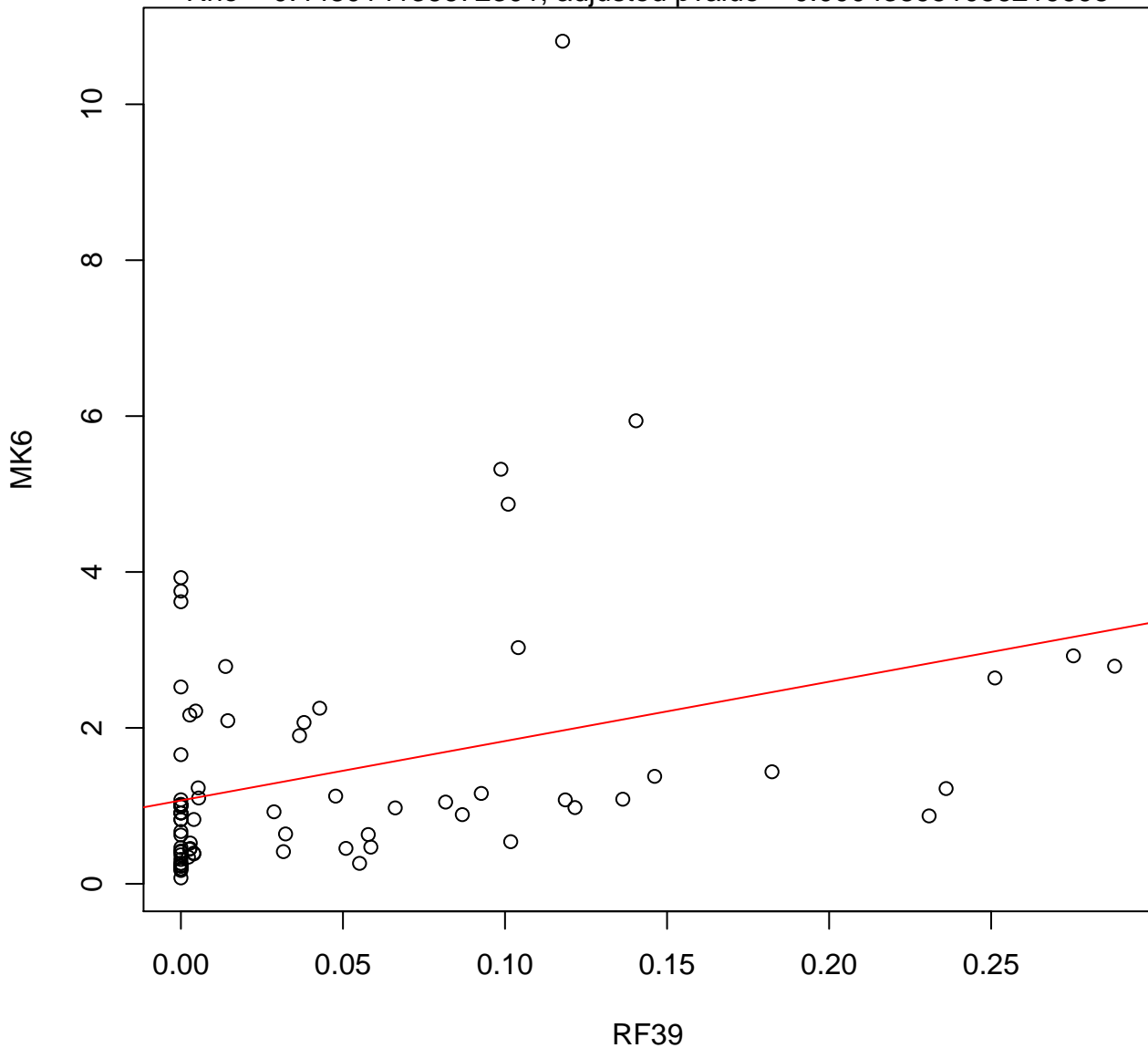
Timepoint 2 , MK6 ~ Synergistaceae

Rho = 0.215526912792239, adjusted pvalue = 0.135628817029549



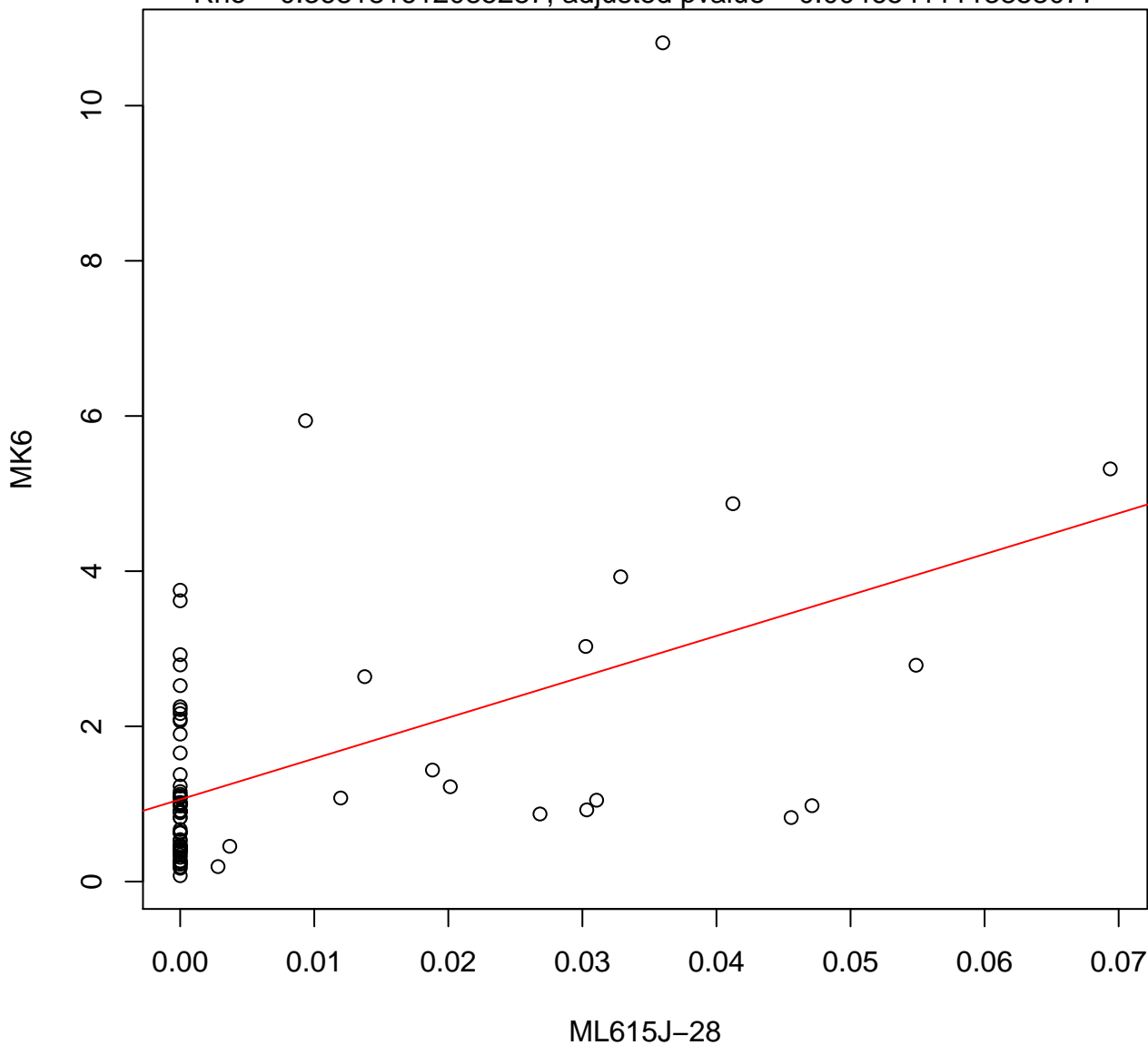
Timepoint 2 , MK6 ~ RF39

Rho = 0.448014136672301, adjusted pvalue = 0.000438951056219698



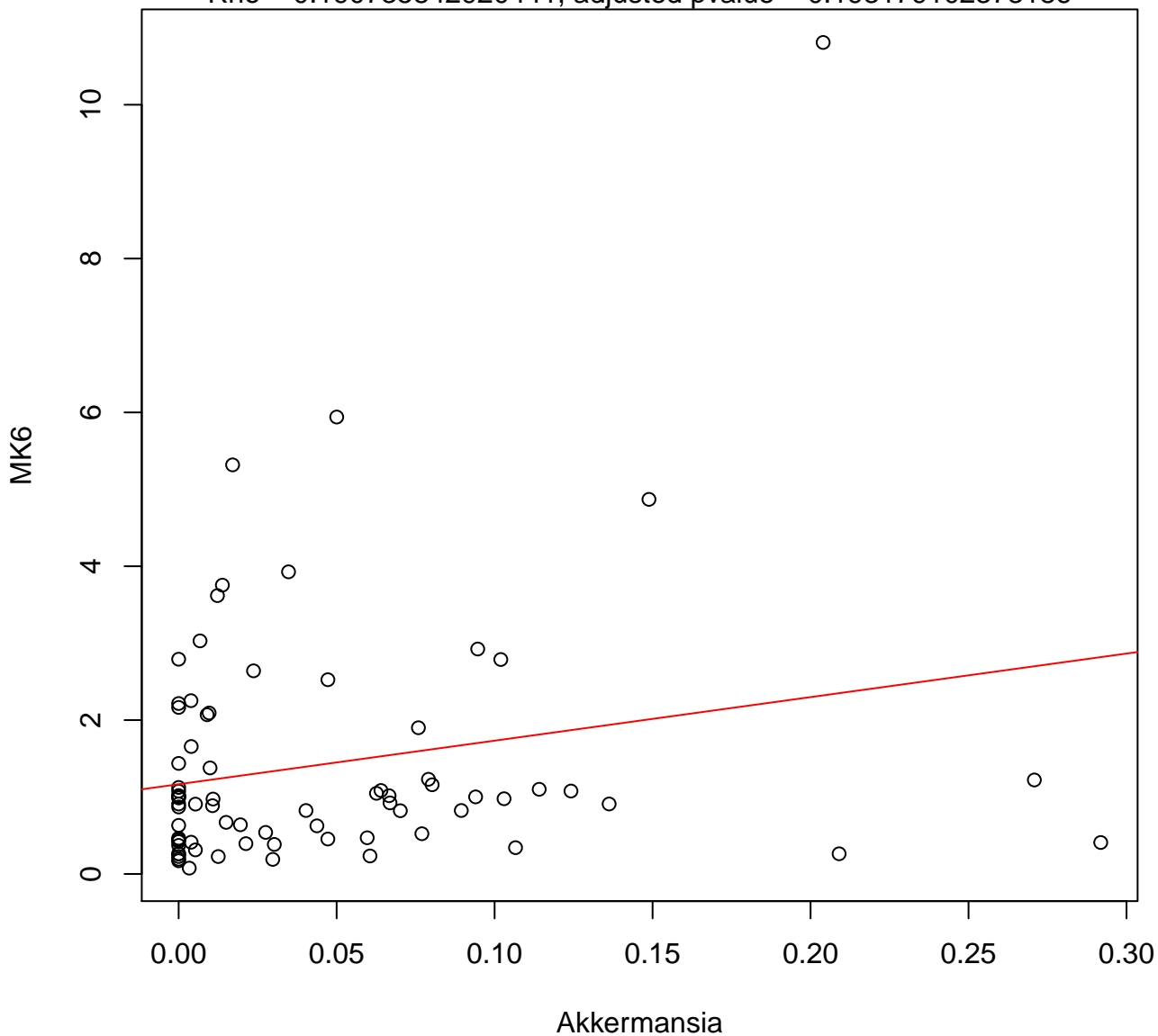
Timepoint 2 , MK6 ~ ML615J-28

Rho = 0.368181612085287, adjusted pvalue = 0.00465411113853077



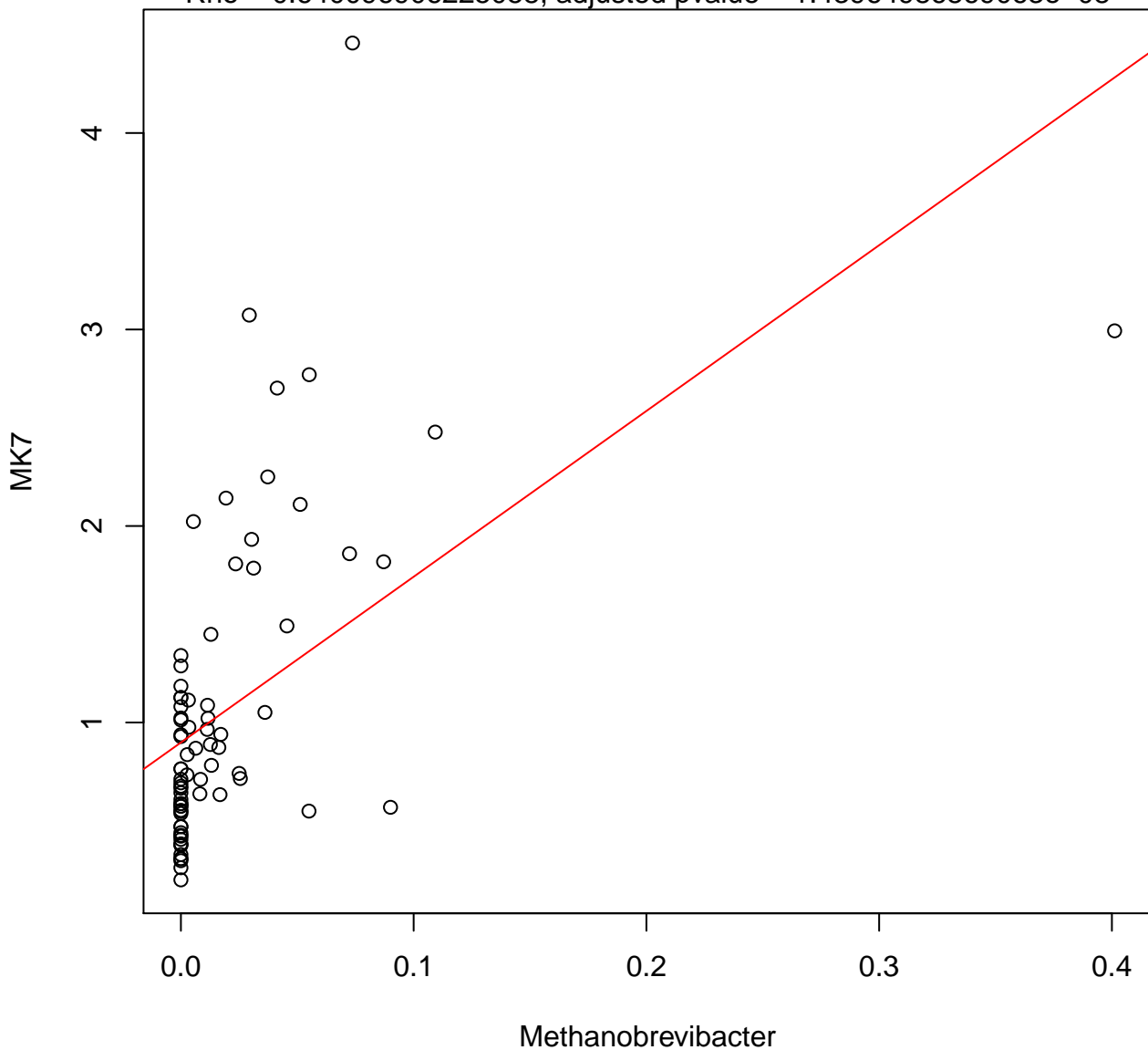
Timepoint 2 , MK6 ~ Akkermansia

Rho = 0.190735842920441, adjusted pvalue = 0.193179102373186



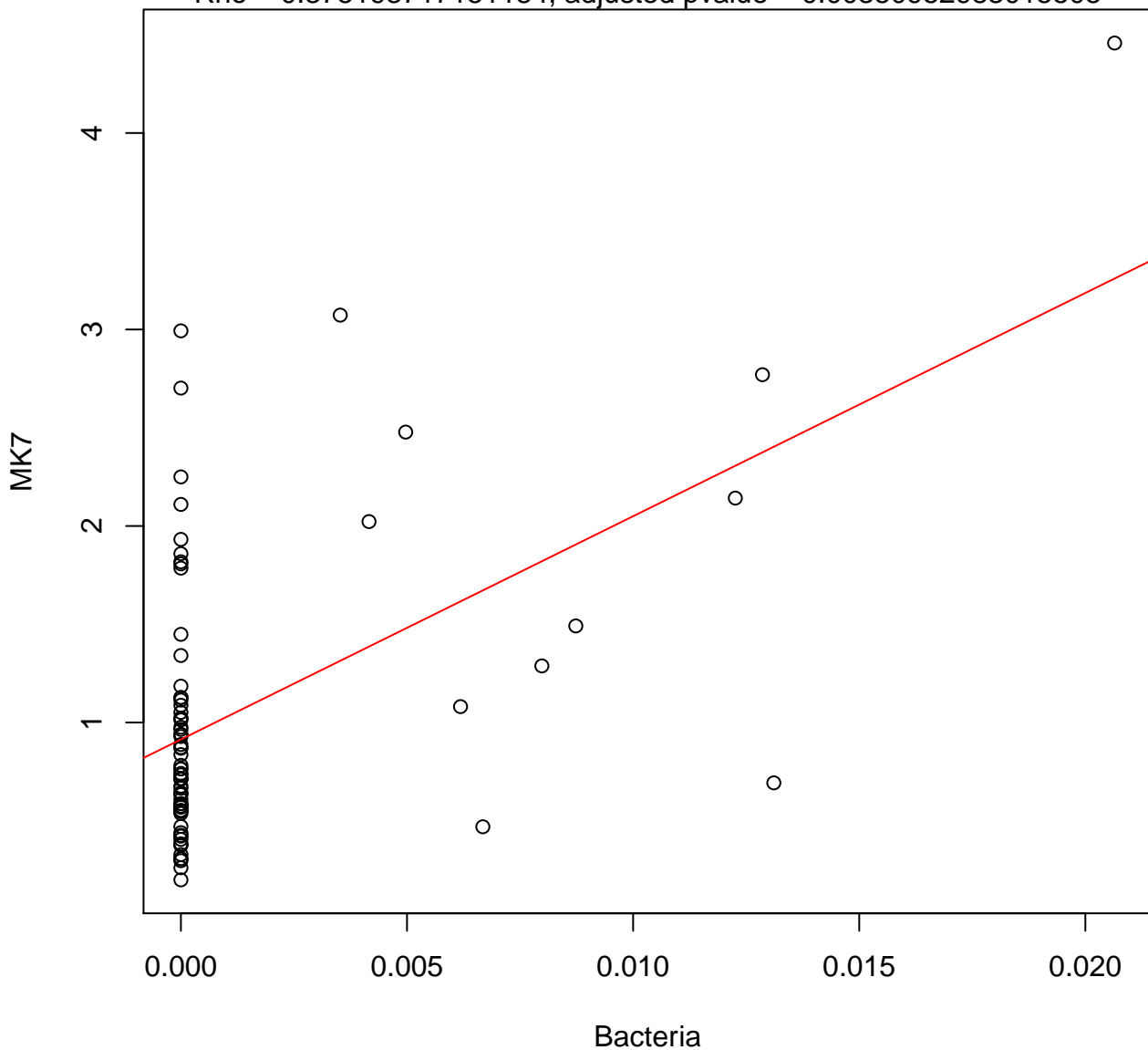
Timepoint 2 , MK7 ~ Methanobrevibacter

Rho = 0.640096906225058, adjusted pvalue = 1.43964986869063e-08



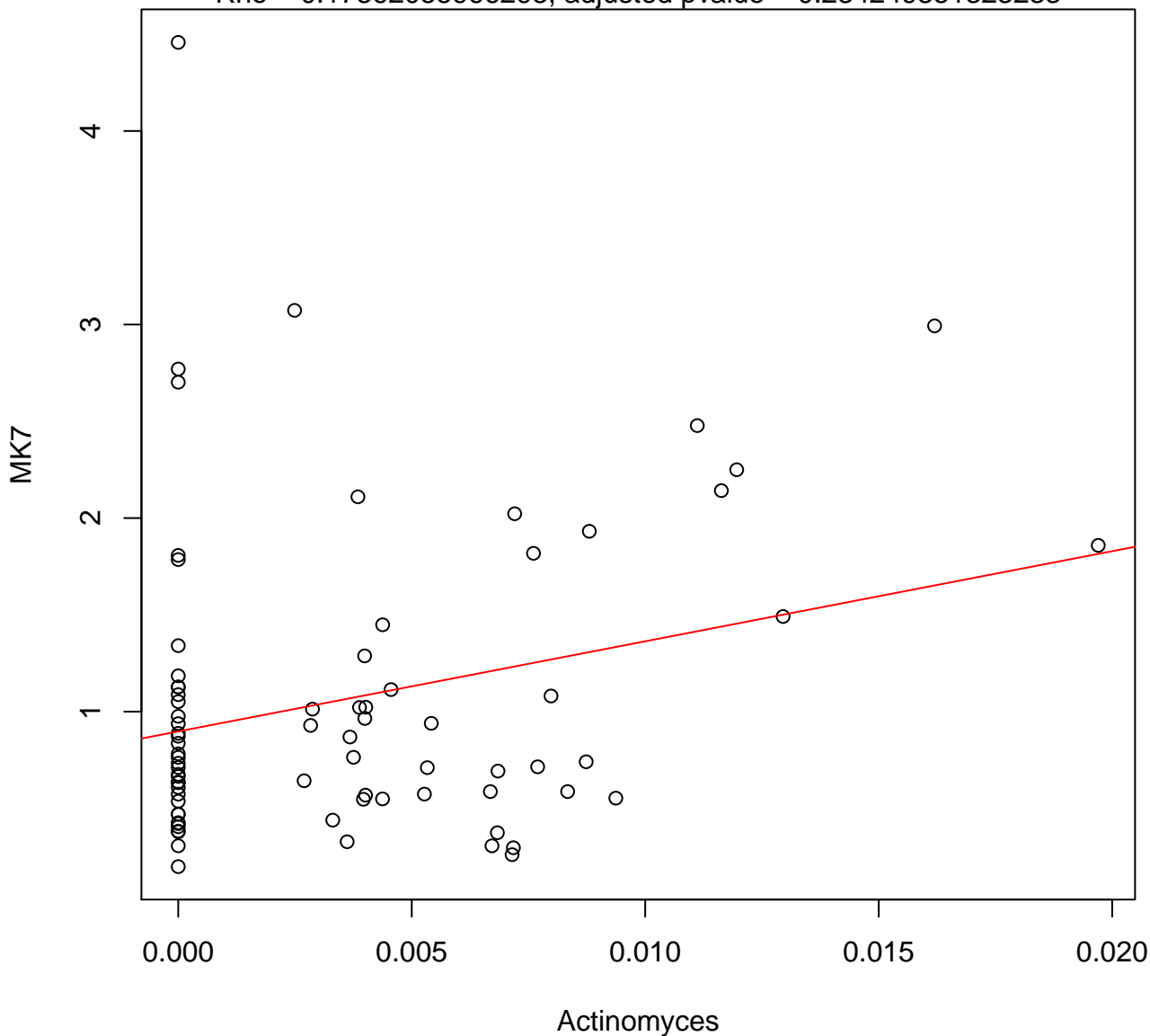
Timepoint 2 , MK7 ~ Bacteria

Rho = 0.375193717151184, adjusted pvalue = 0.00350952983015505



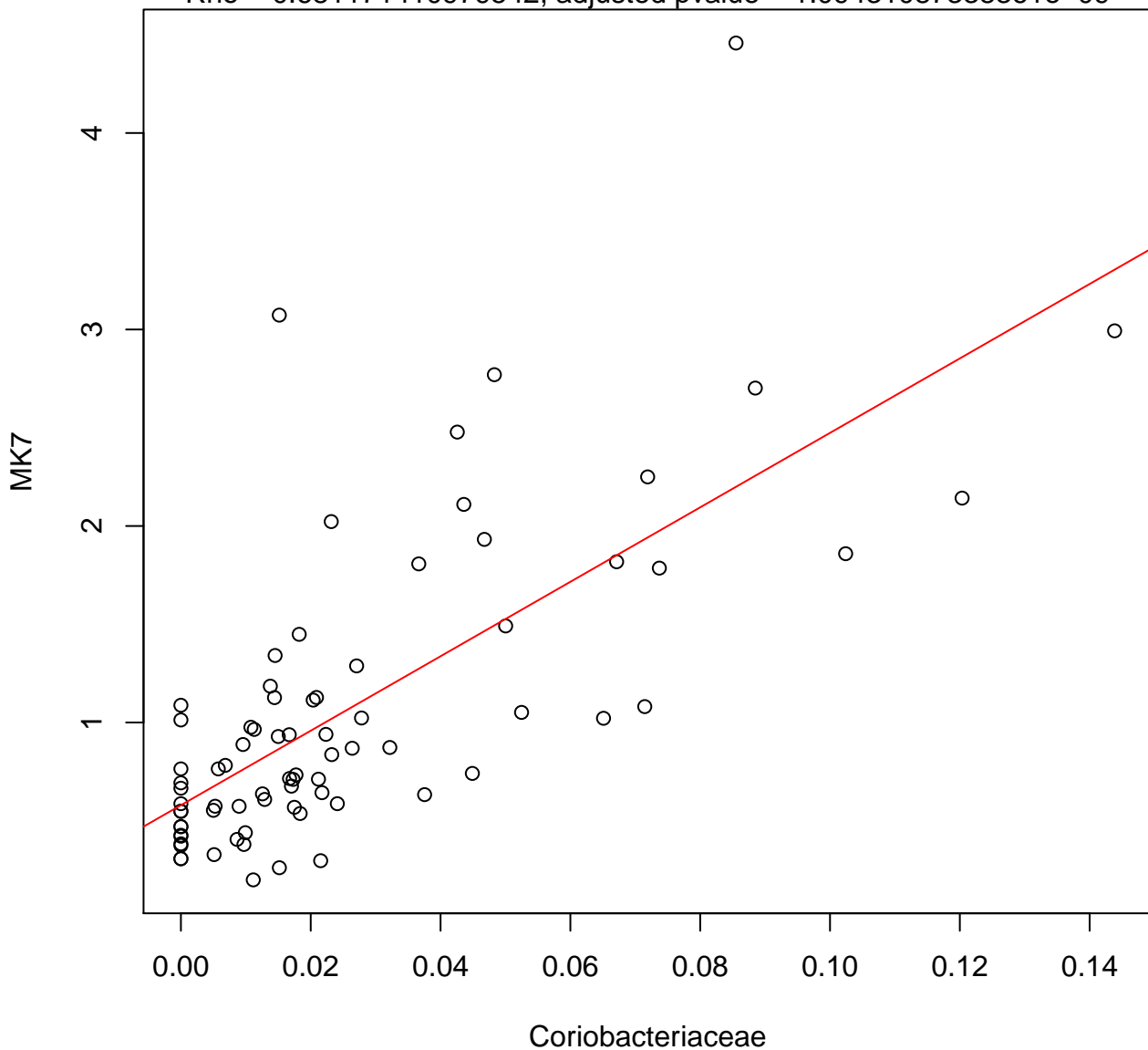
Timepoint 2 , MK7 ~ Actinomyces

Rho = 0.17362035966293, adjusted pvalue = 0.234249851323233



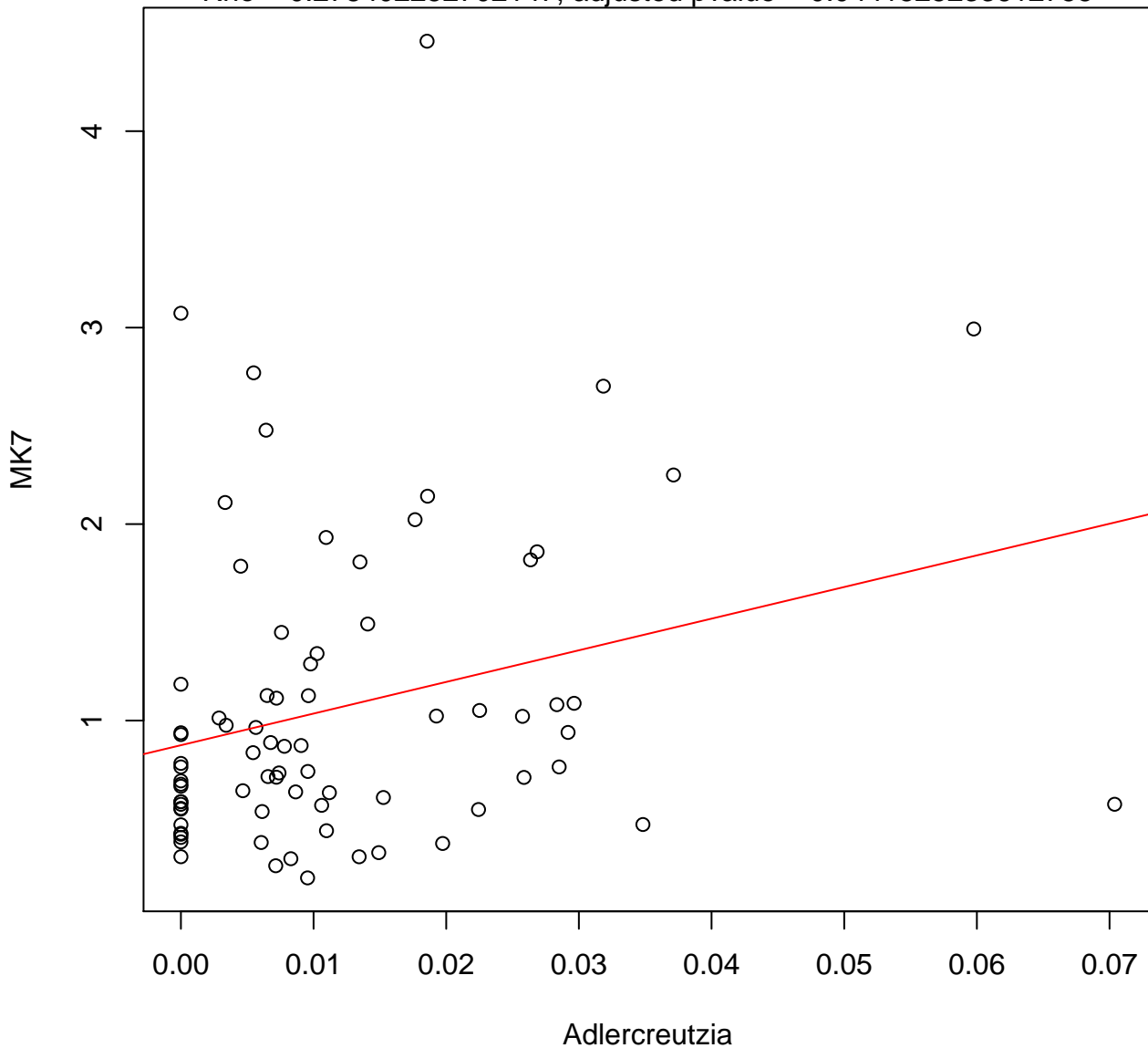
Timepoint 2 , MK7 ~ Coriobacteriaceae

Rho = 0.681171410979542, adjusted pvalue = 1.09431087338361e-09



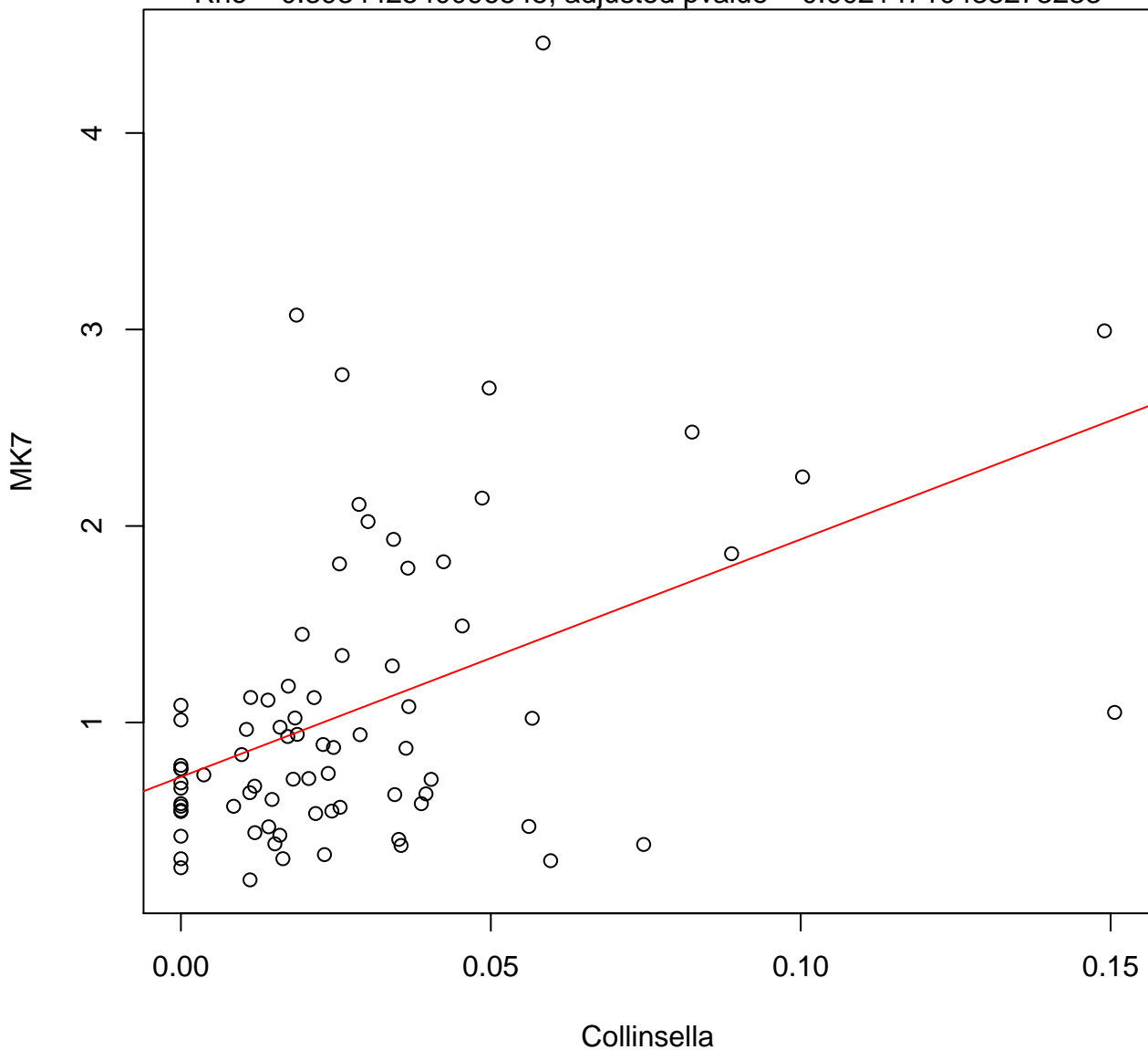
Timepoint 2 , MK7 ~ Adlercreutzia

Rho = 0.278402252702147, adjusted pvalue = 0.0441525233612755



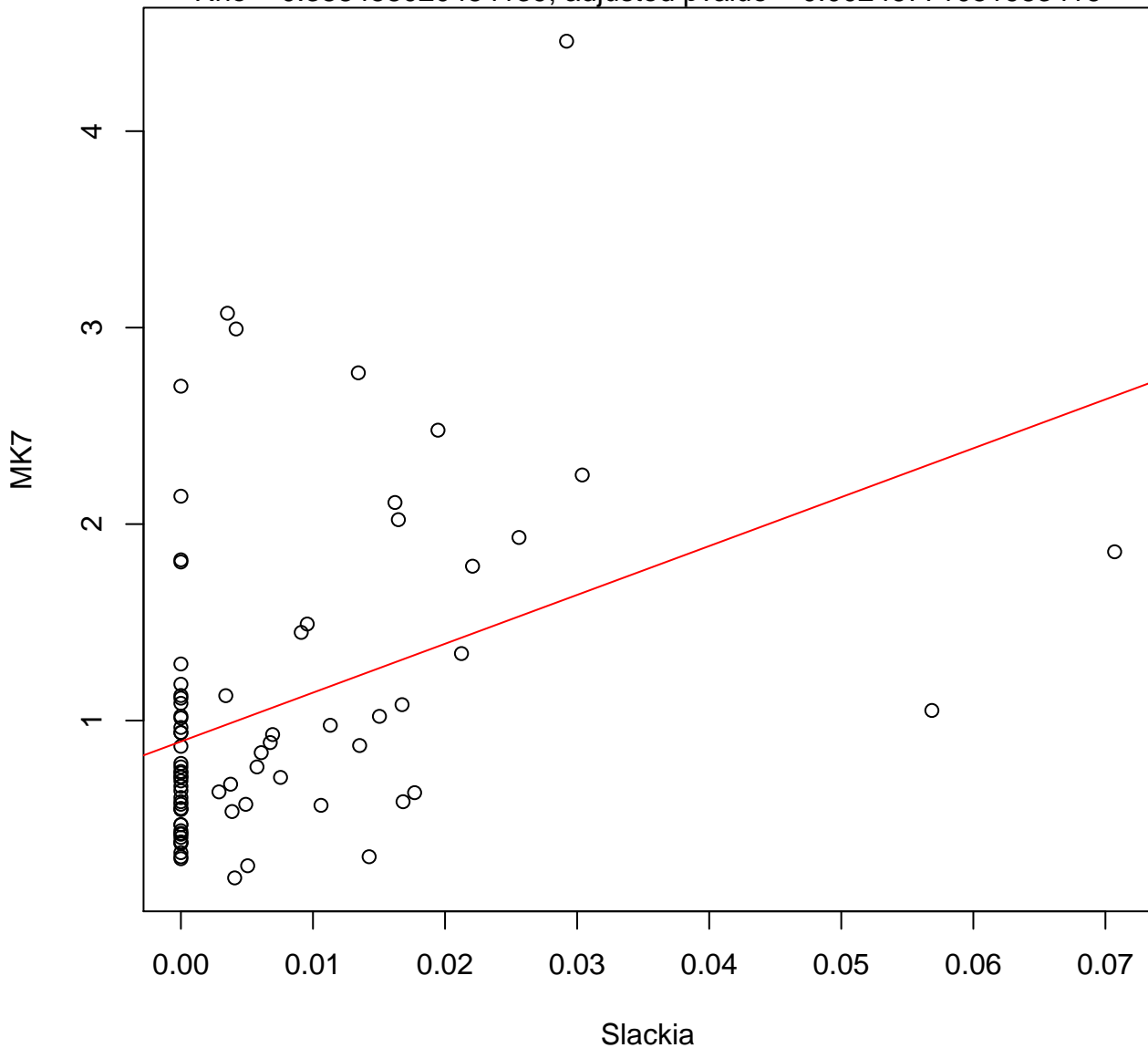
Timepoint 2 , MK7 ~ Collinsella

Rho = 0.393442540096545, adjusted pvalue = 0.00214710433273233



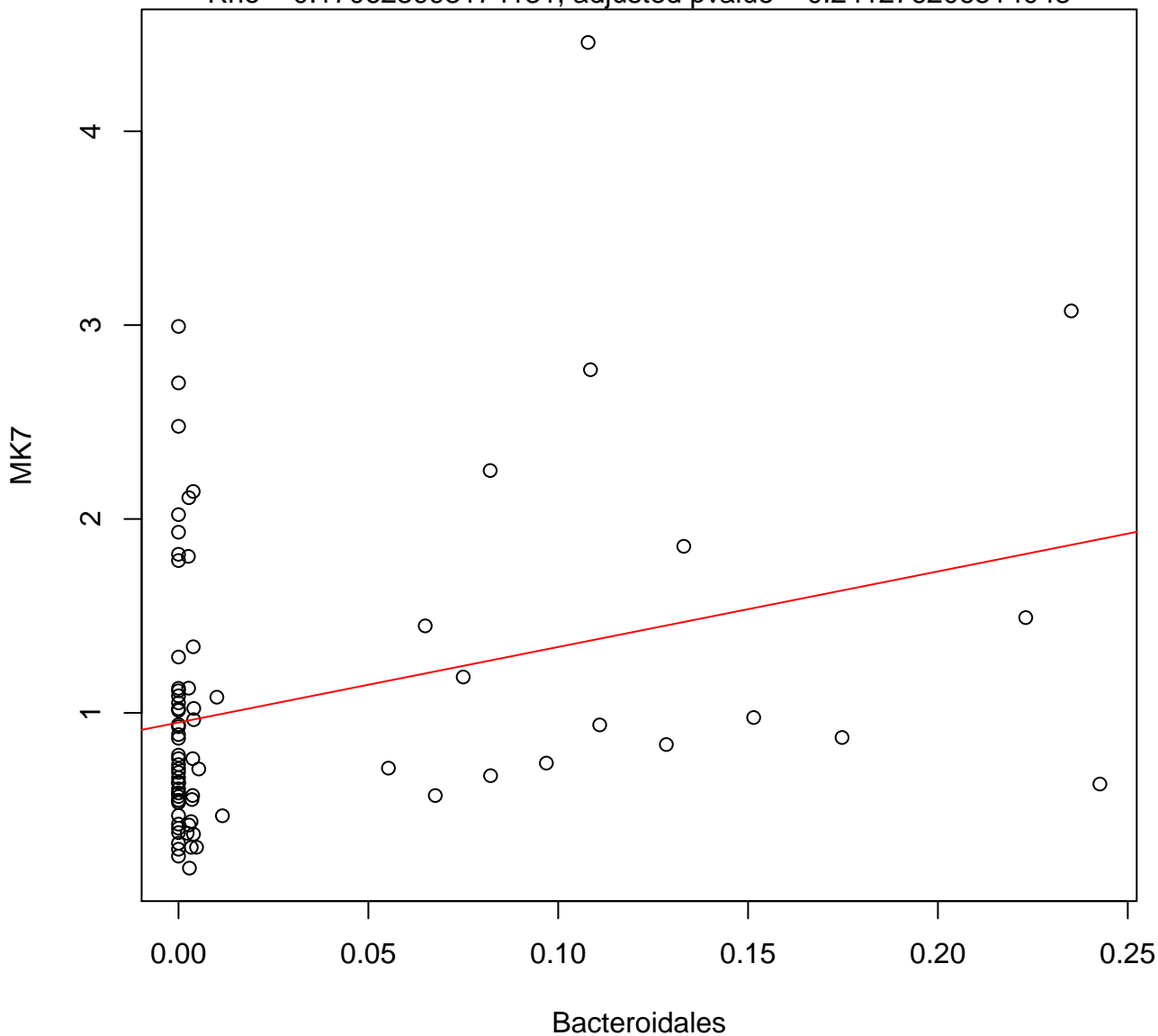
Timepoint 2 , MK7 ~ Slackia

Rho = 0.388458020454139, adjusted pvalue = 0.00246771051983416



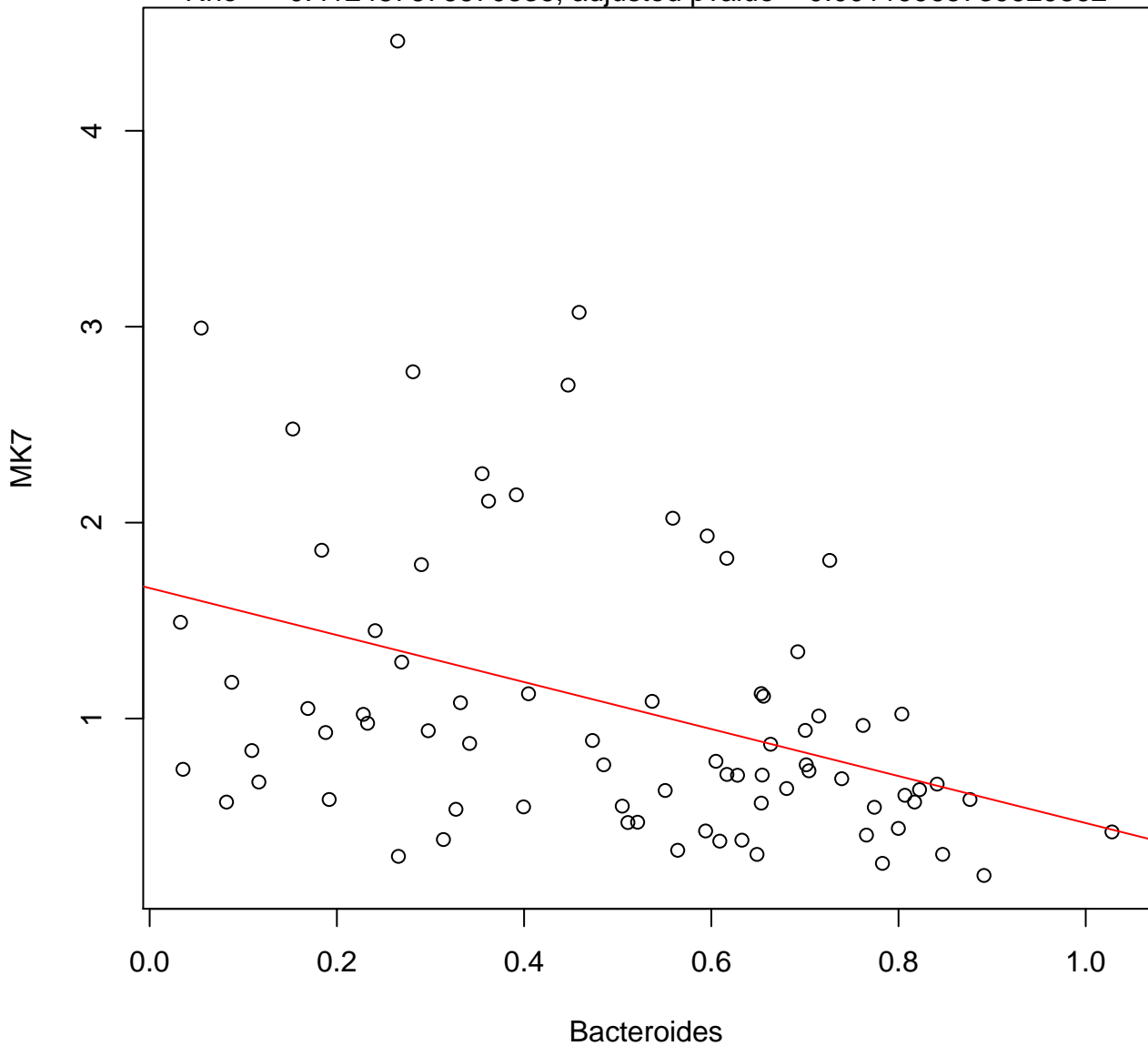
Timepoint 2 , MK7 ~ Bacteroidales

Rho = 0.170623993174131, adjusted pvalue = 0.241276206514043



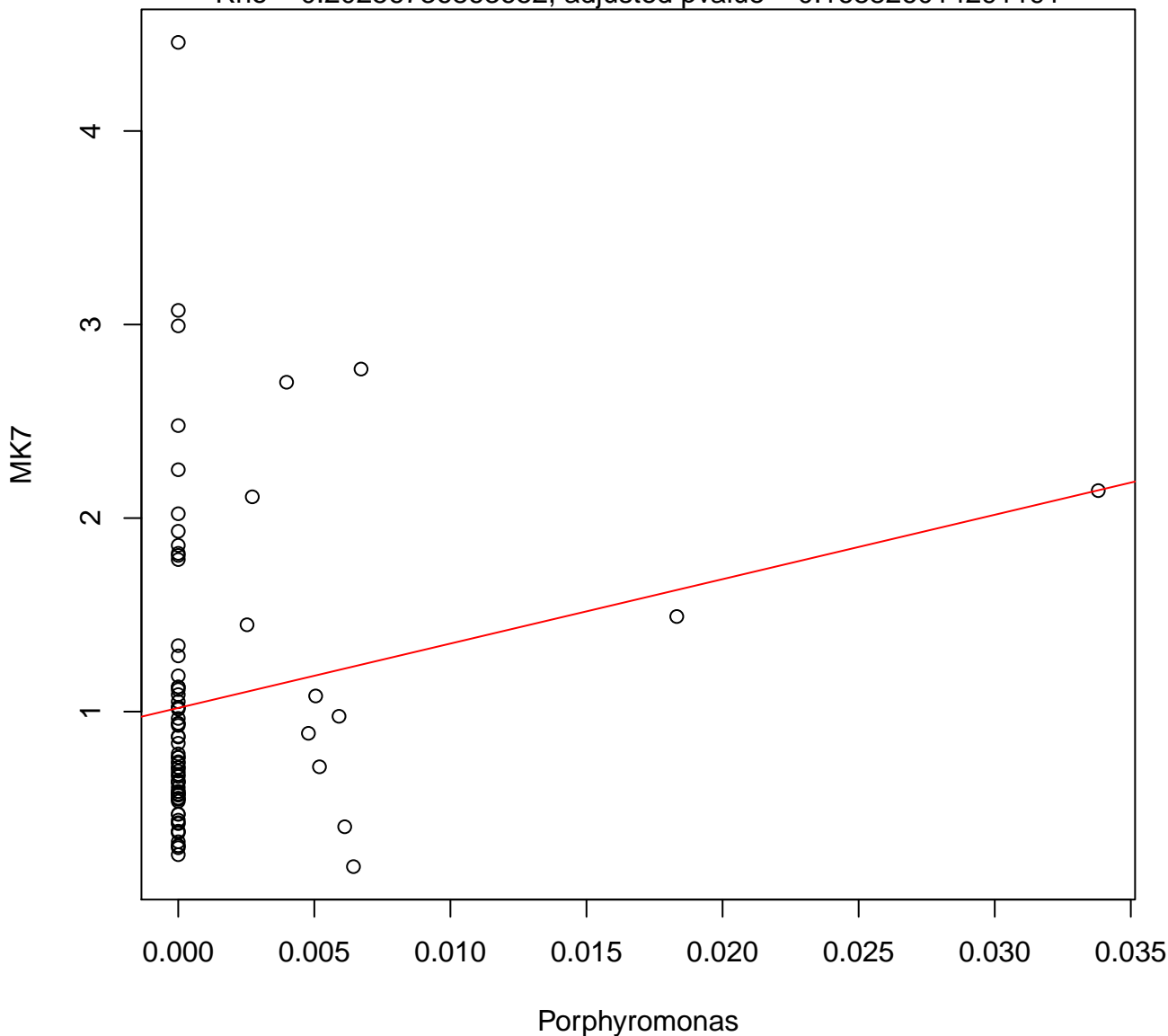
Timepoint 2 , MK7 ~ Bacteroides

Rho = -0.412487676670536 , adjusted pvalue = 0.00119965739929862



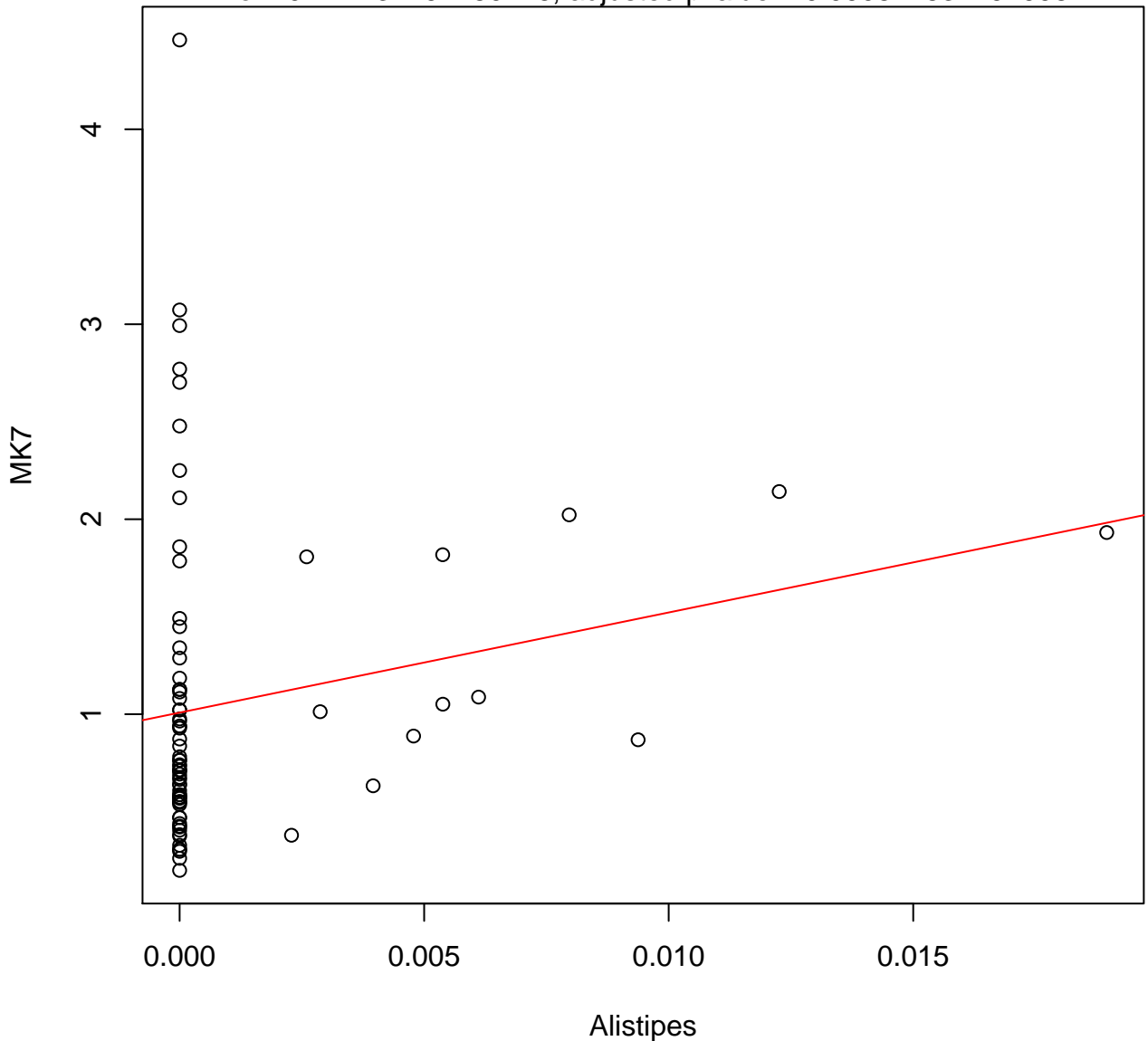
Timepoint 2 , MK7 ~ Porphyromonas

Rho = 0.20256736863652, adjusted pvalue = 0.168826014291191



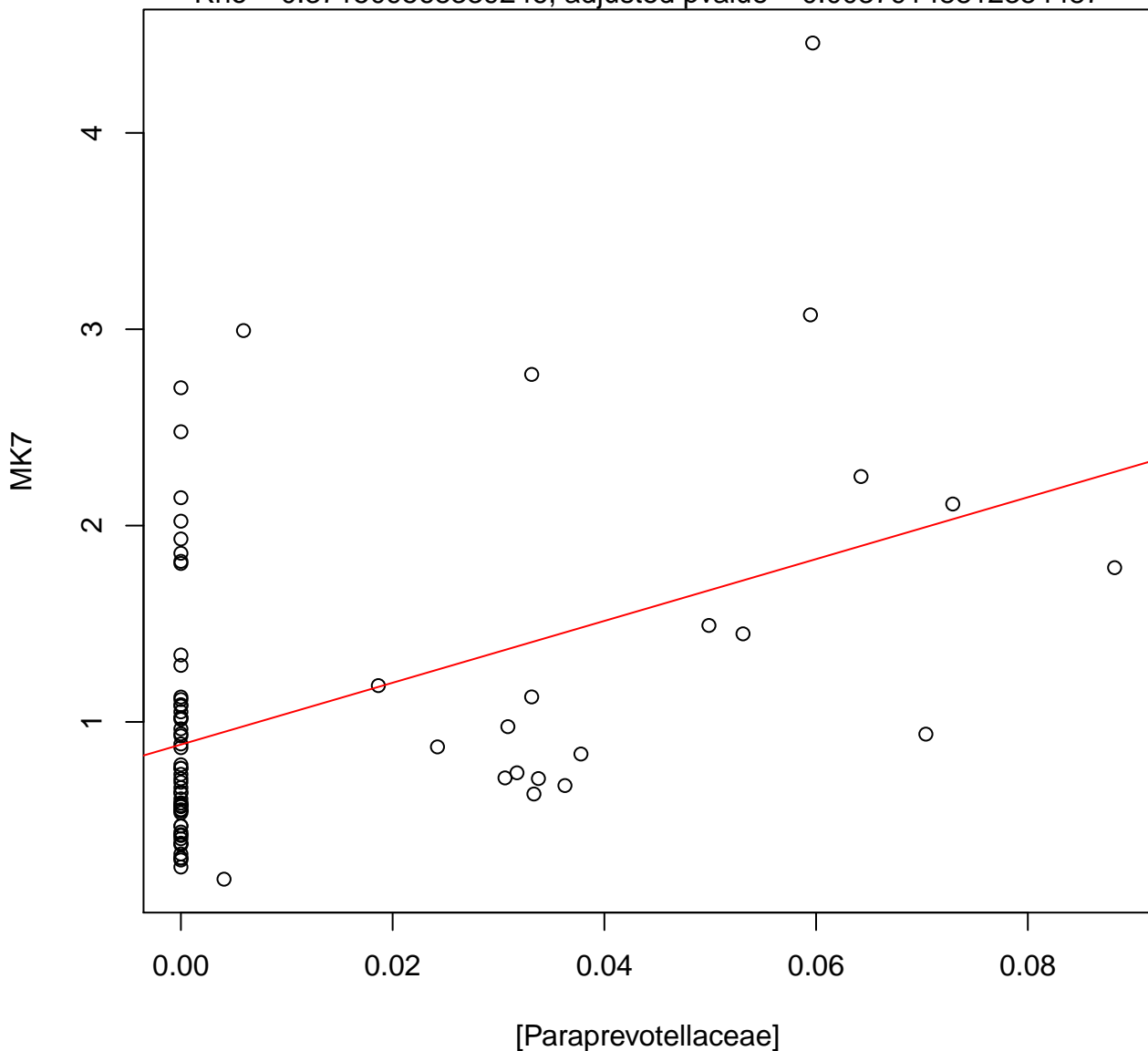
Timepoint 2 , MK7 ~ Alistipes

Rho = 0.241131797780726, adjusted pvalue = 0.0908218327929984



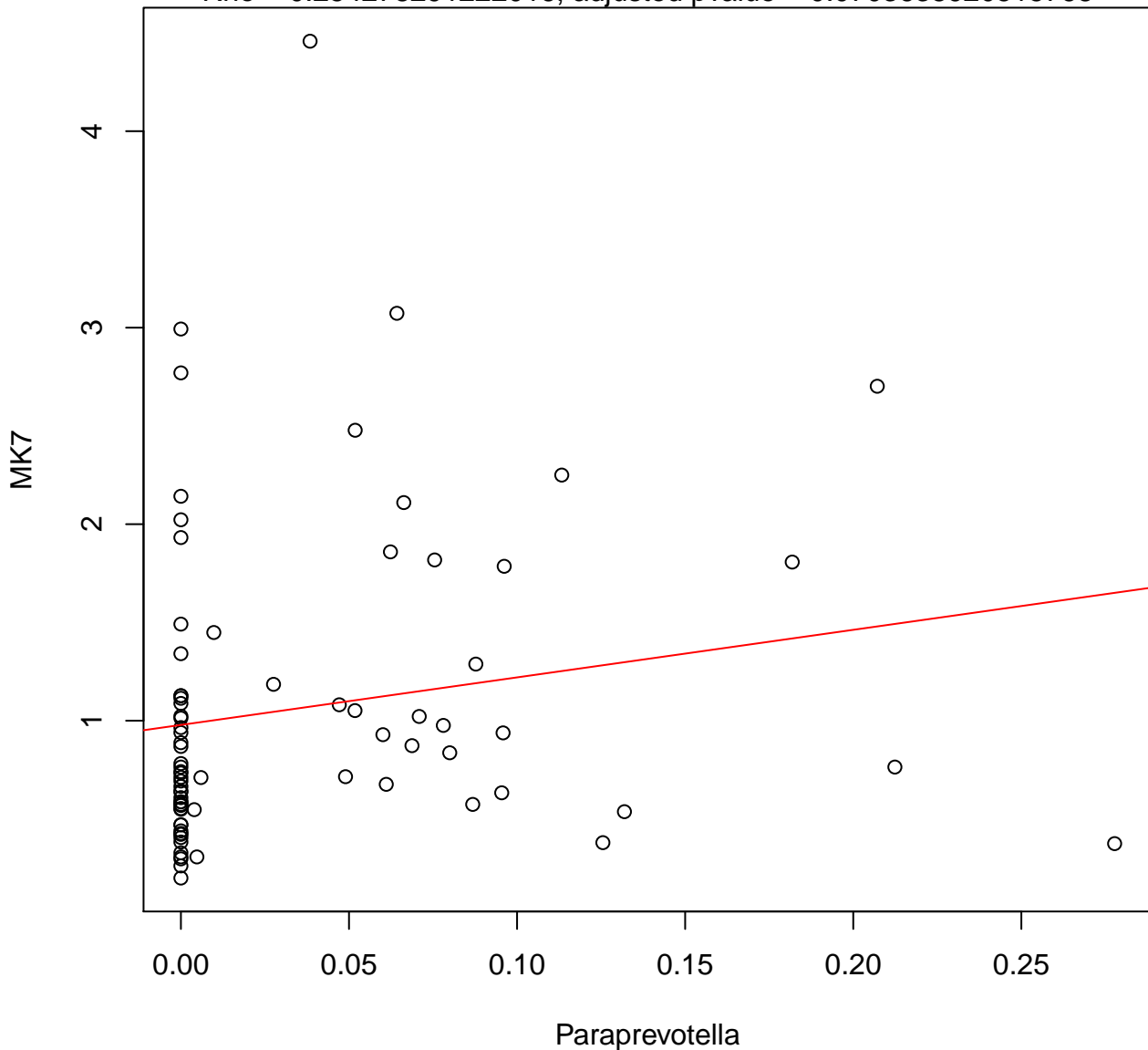
Timepoint 2 , MK7 ~ [Paraprevotellaceae]

Rho = 0.371509568339246, adjusted pvalue = 0.00379148812354487



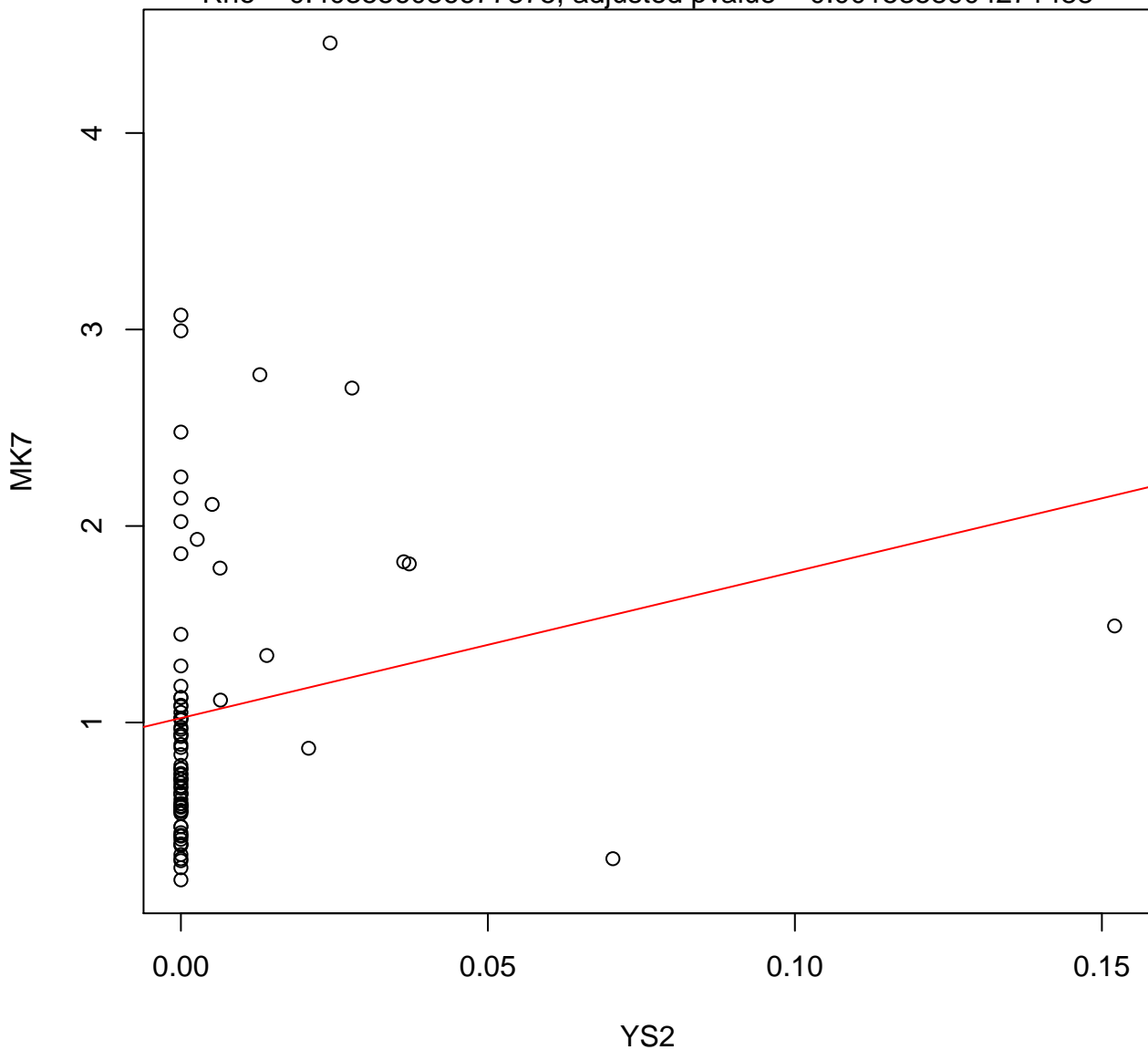
Timepoint 2 , MK7 ~ Paraprevotella

Rho = 0.254278291222016, adjusted pvalue = 0.0703638920515768



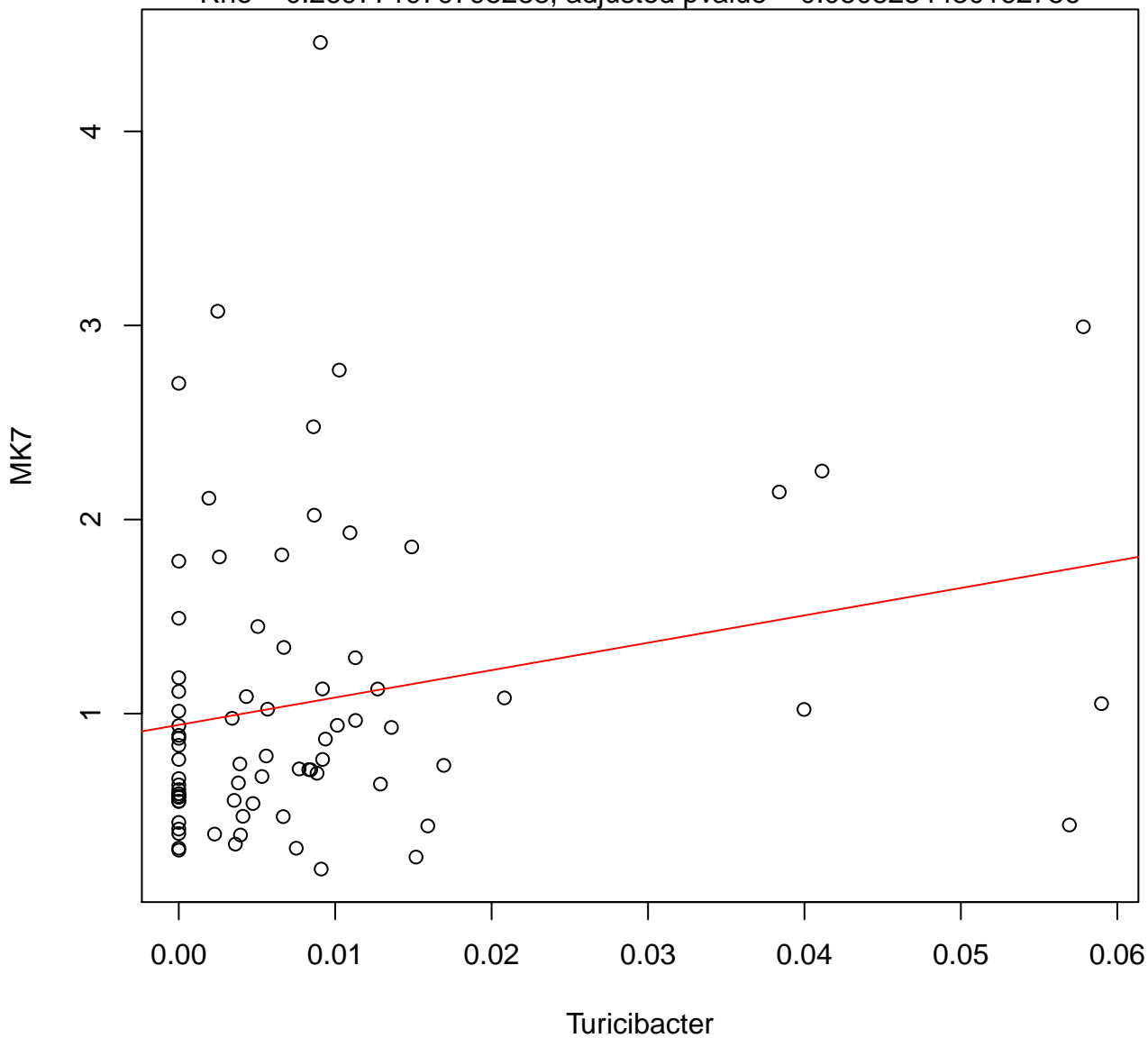
Timepoint 2 , MK7 ~ YS2

Rho = 0.403556036677375, adjusted pvalue = 0.0015358904271488



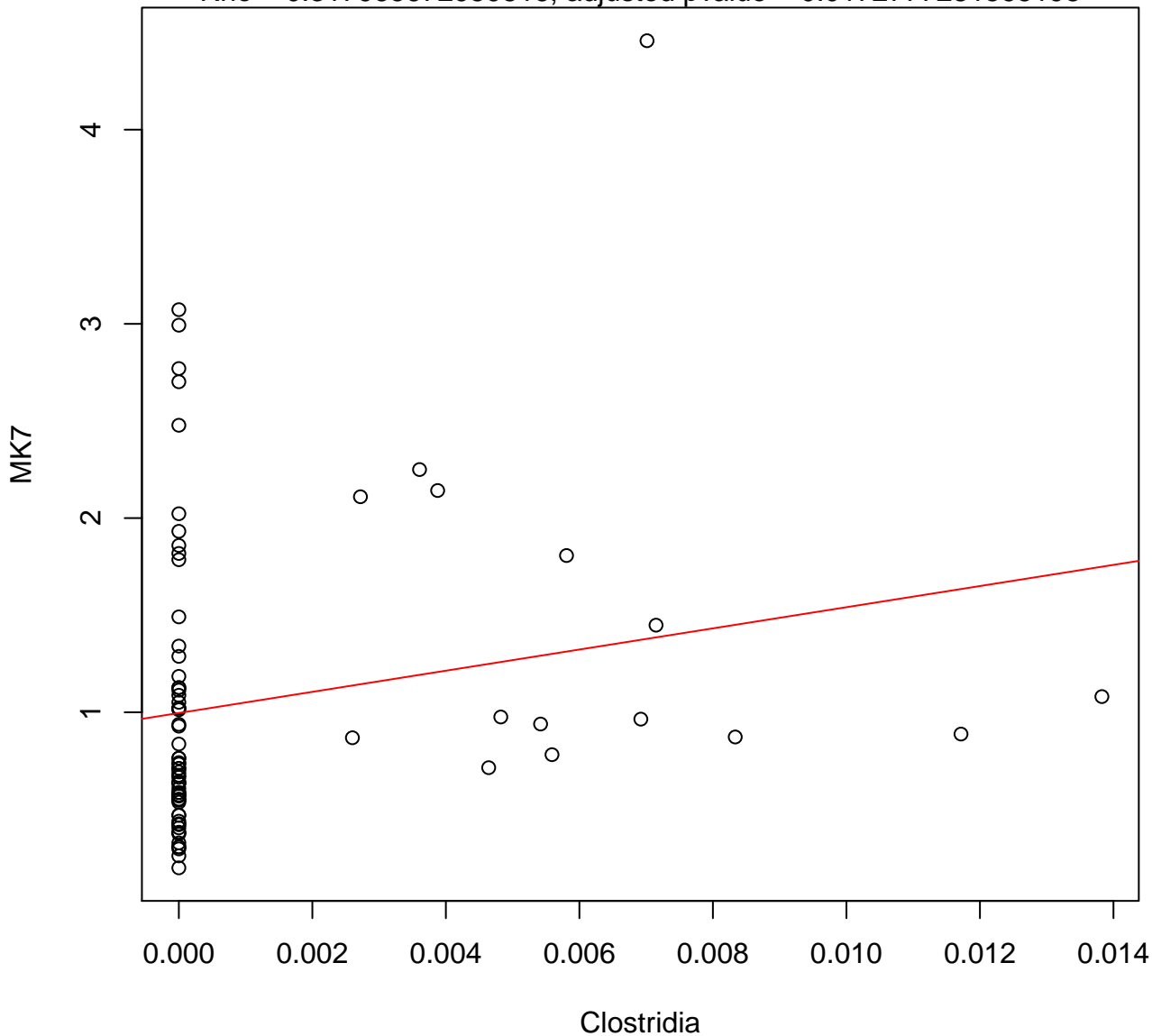
Timepoint 2 , MK7 ~ Turicibacter

Rho = 0.269771979795288, adjusted pvalue = 0.0508234430162756



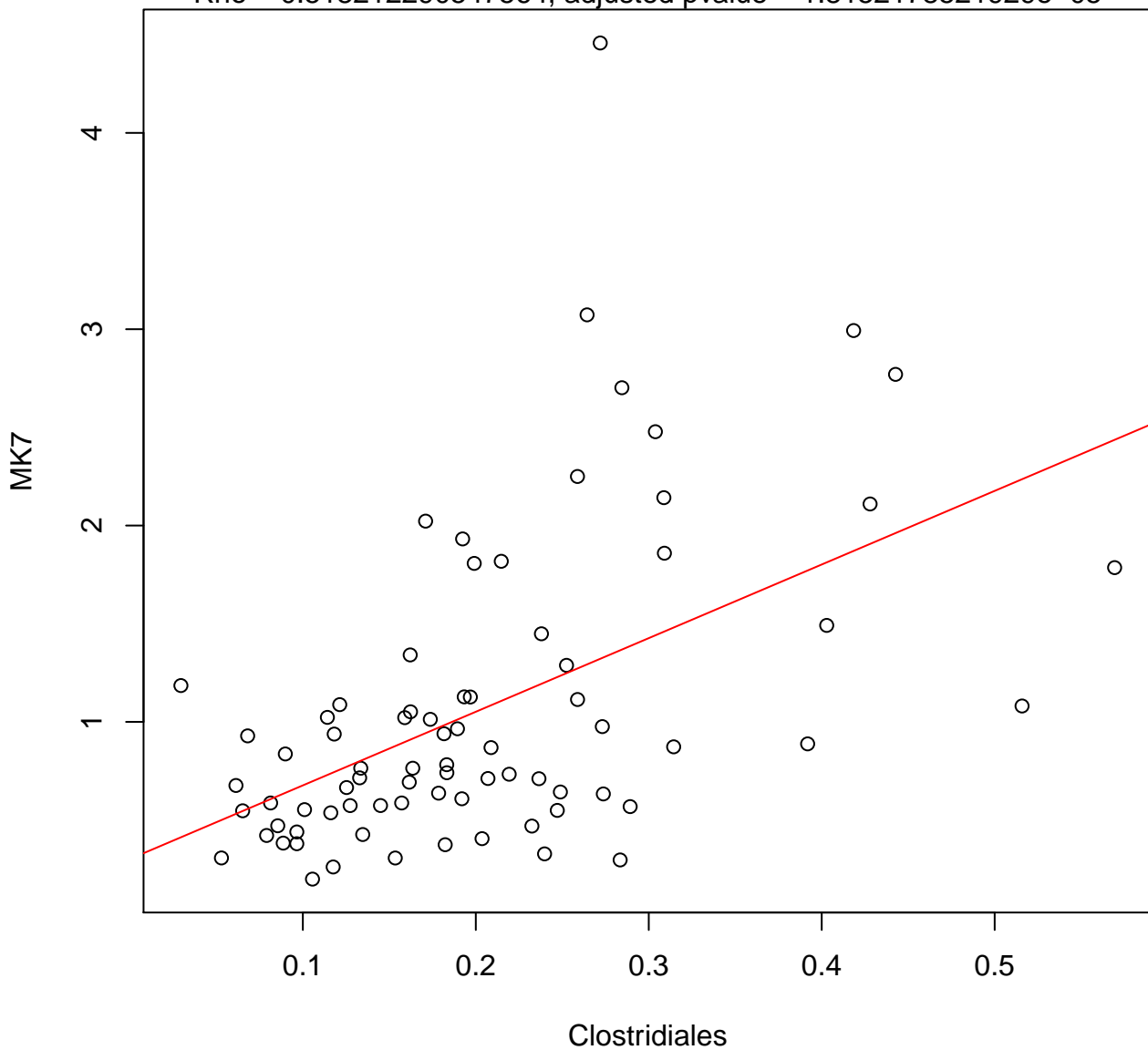
Timepoint 2 , MK7 ~ Clostridia

Rho = 0.317965672959816, adjusted pvalue = 0.0172777281565198



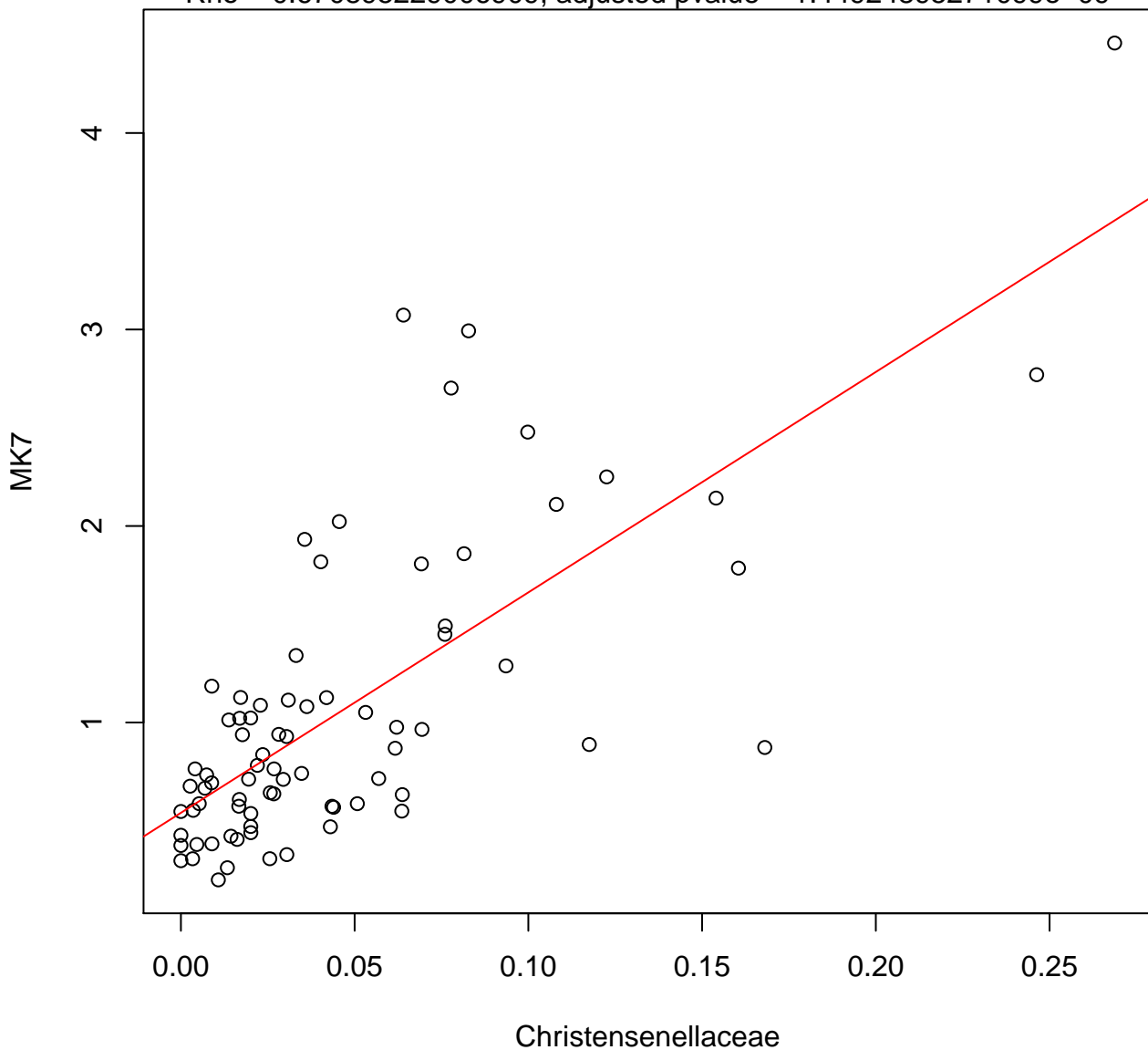
Timepoint 2 , MK7 ~ Clostridiales

Rho = 0.518212290547564, adjusted pvalue = 1.8152178521929e-05



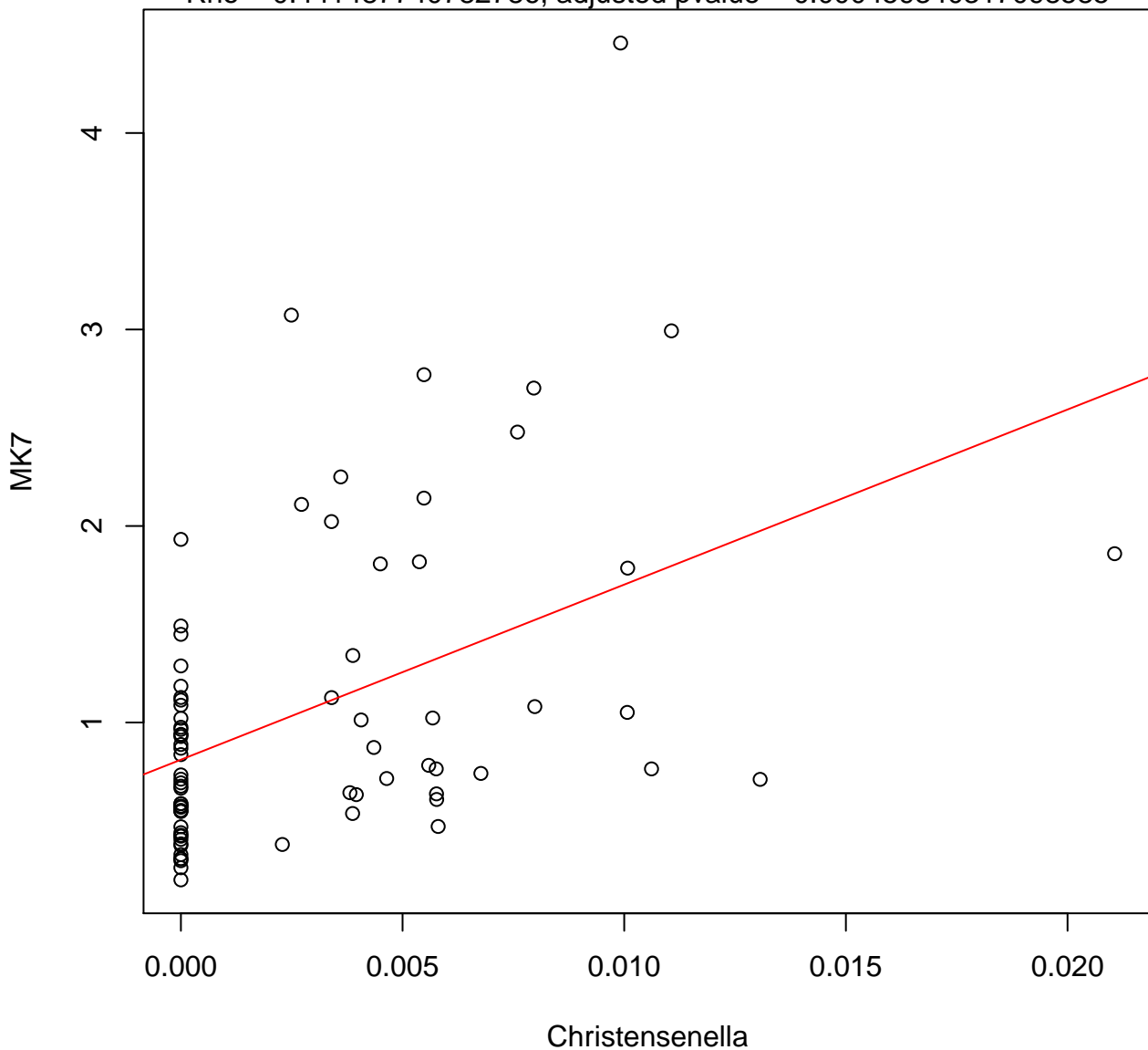
Timepoint 2 , MK7 ~ Christensenellaceae

Rho = 0.670895229006909, adjusted pvalue = 1.44924895271099e-09



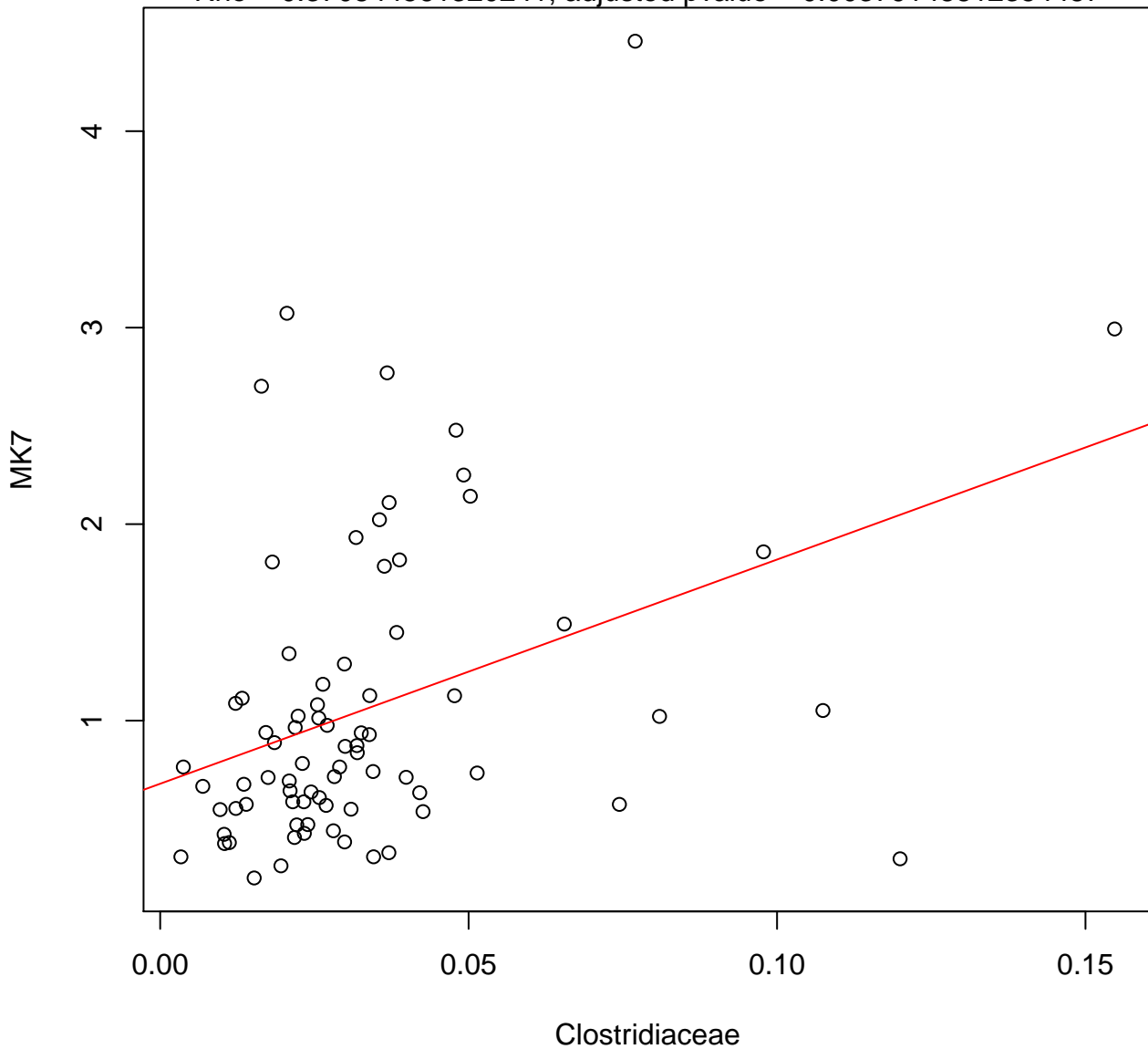
Timepoint 2 , MK7 ~ Christensenella

Rho = 0.441487740782786, adjusted pvalue = 0.000459340317098585



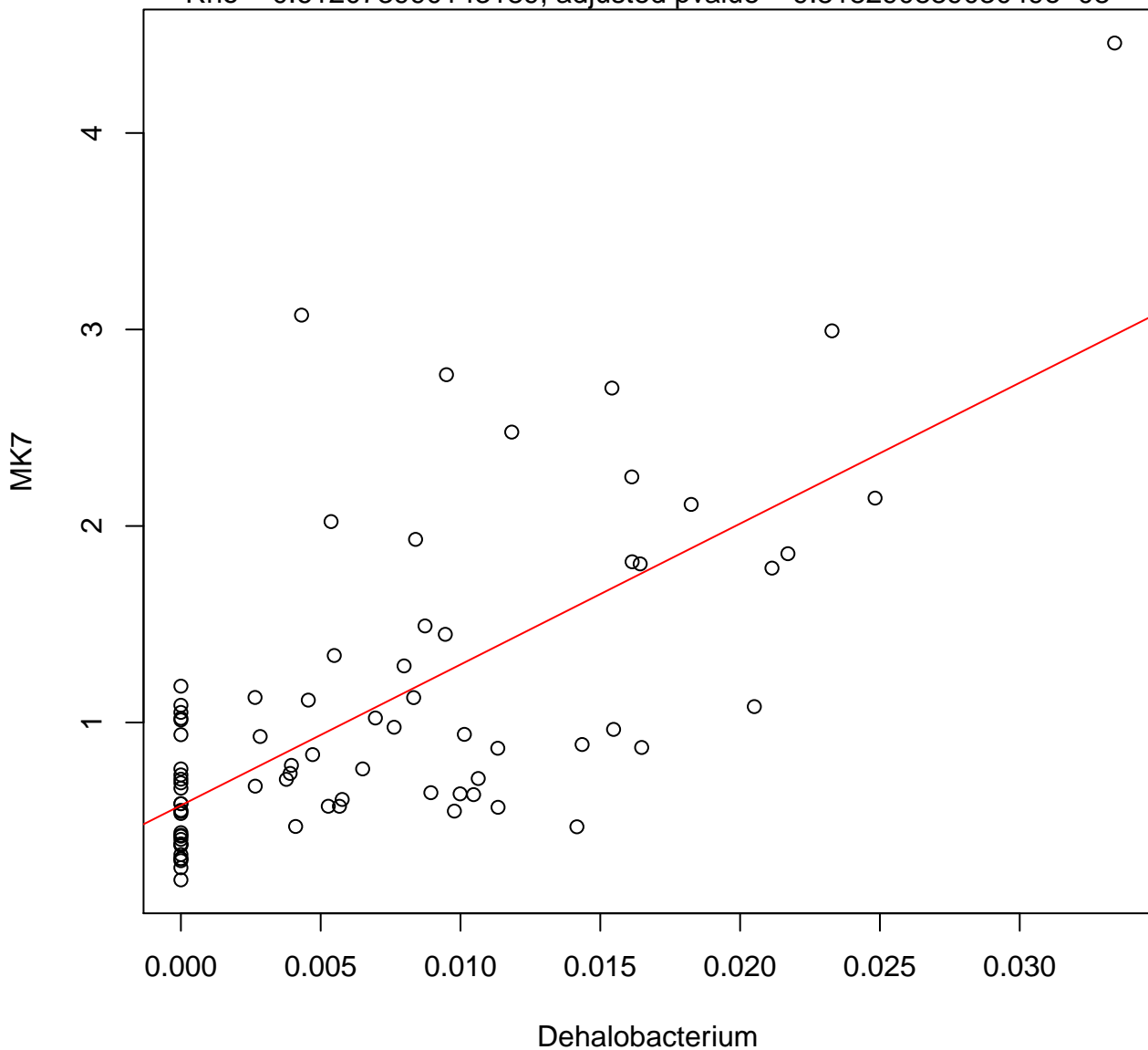
Timepoint 2 , MK7 ~ Clostridiaceae

Rho = 0.370844561320241, adjusted pvalue = 0.00379148812354487



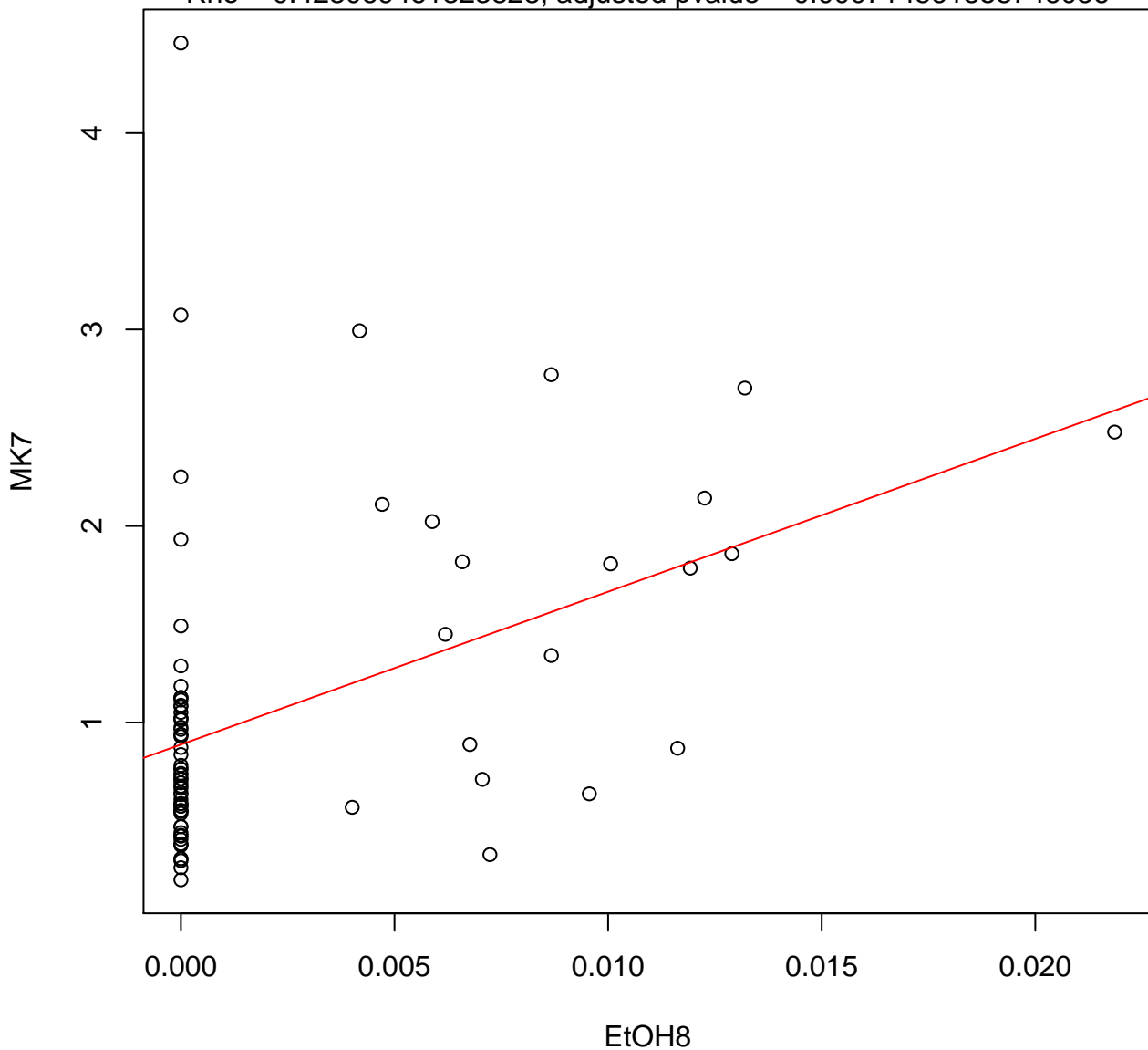
Timepoint 2 , MK7 ~ Dehalobacterium

Rho = 0.612073990143189, adjusted pvalue = 9.81829088903049e-08



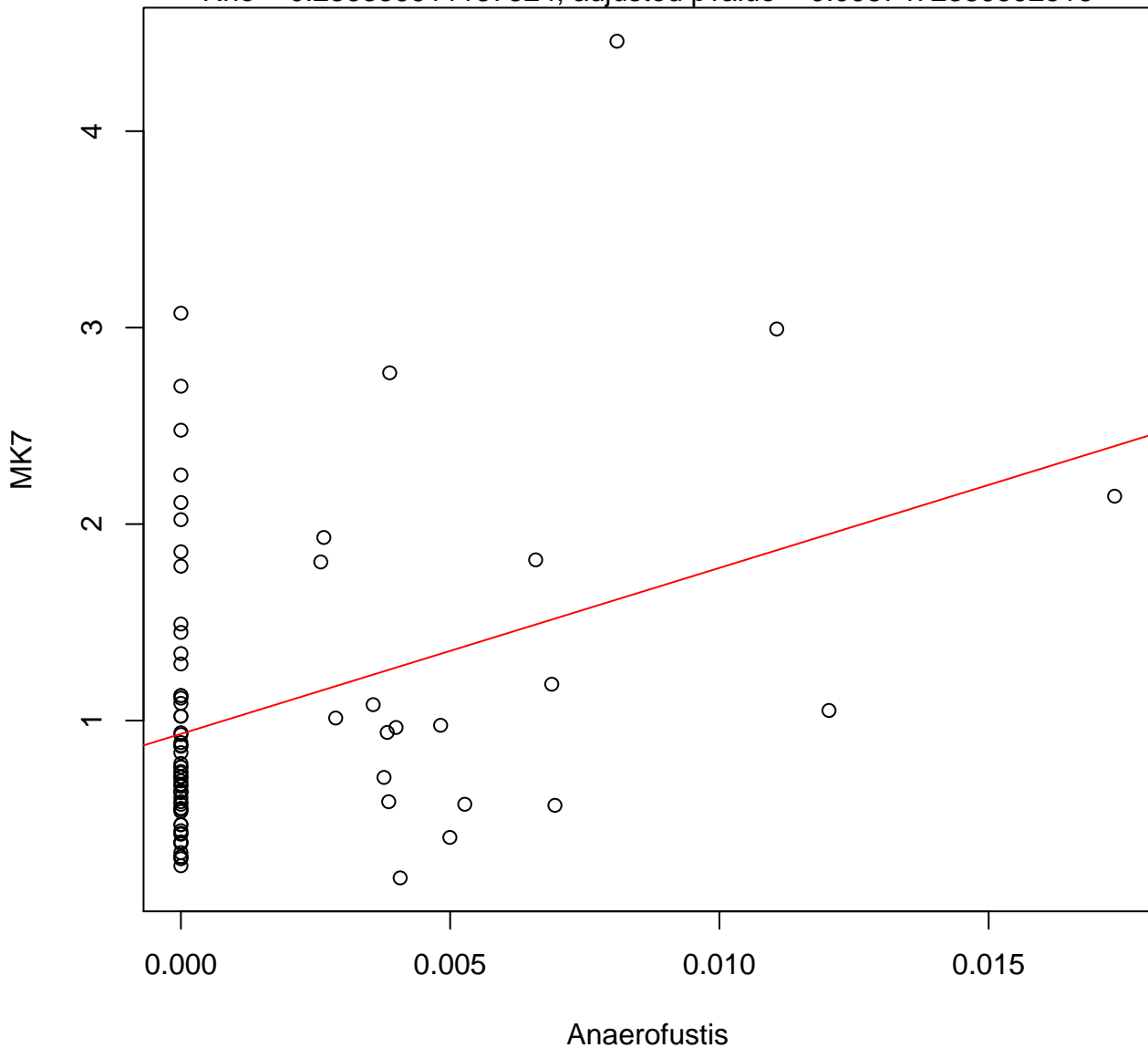
Timepoint 2 , MK7 ~ EtOH8

Rho = 0.428069461323828, adjusted pvalue = 0.000714561858746056



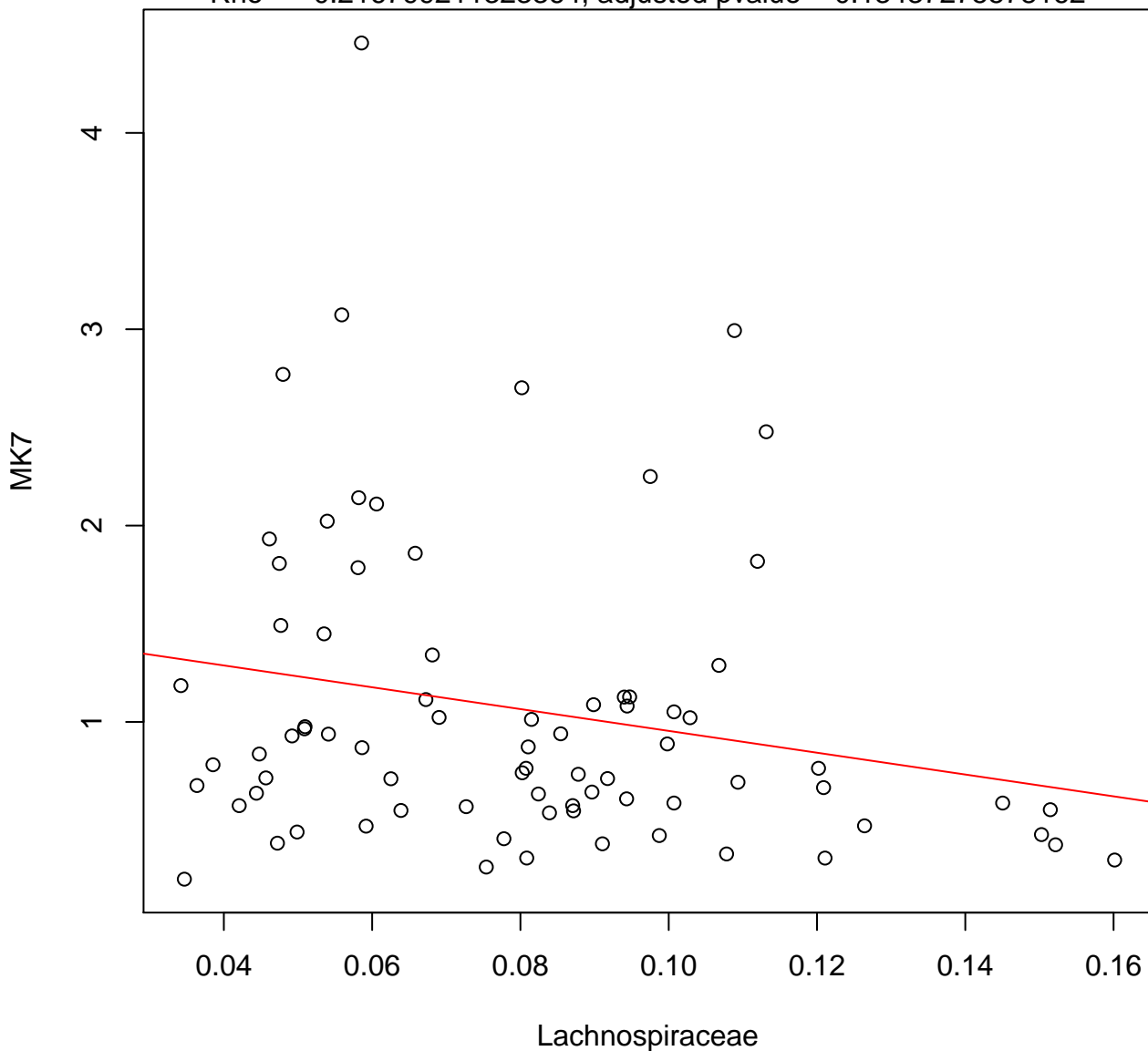
Timepoint 2 , MK7 ~ Anaerofustis

Rho = 0.236359911187524, adjusted pvalue = 0.0987472389592516



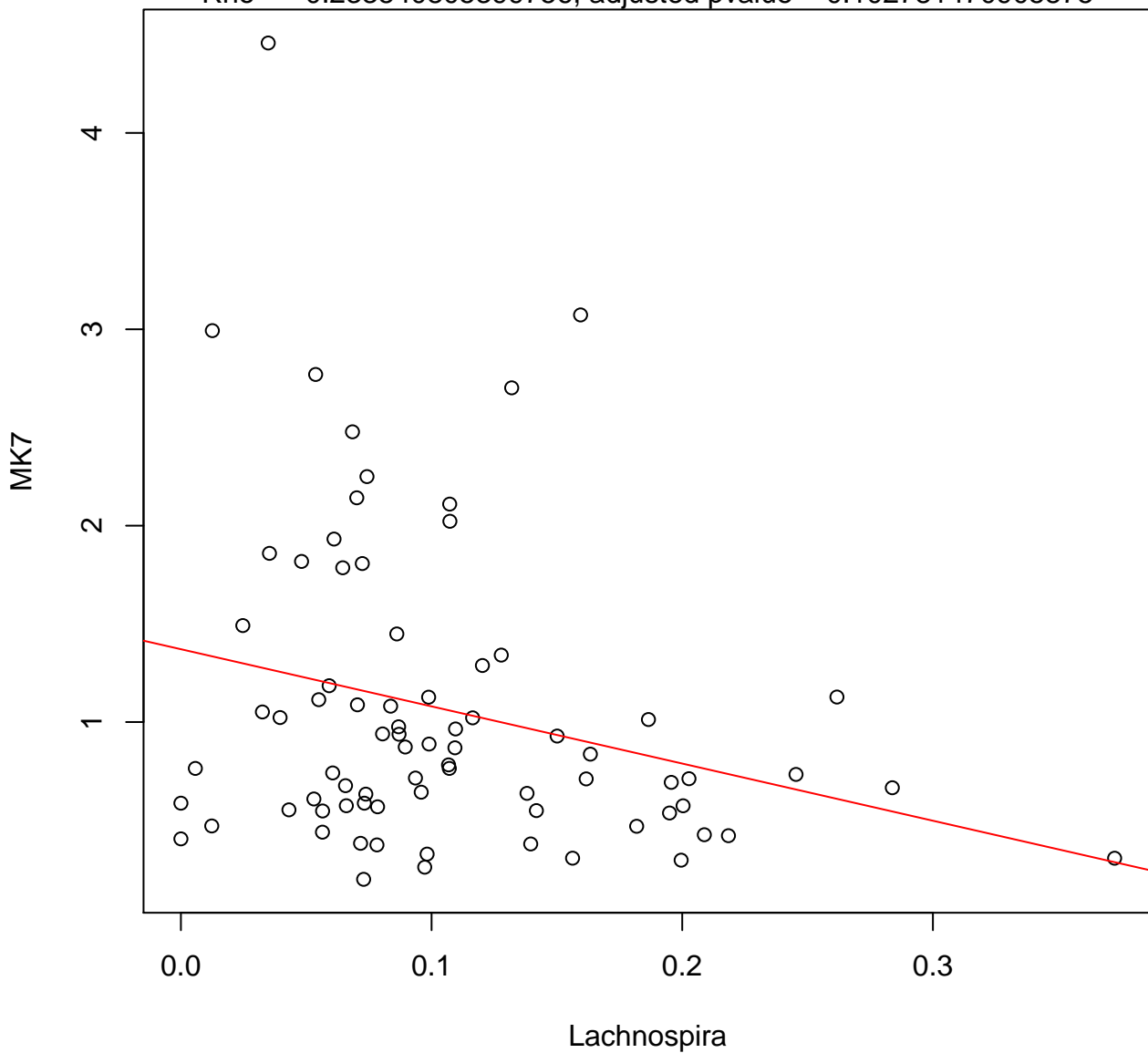
Timepoint 2 , MK7 ~ Lachnospiraceae

Rho = -0.216799211323364 , adjusted pvalue = 0.13437275578162



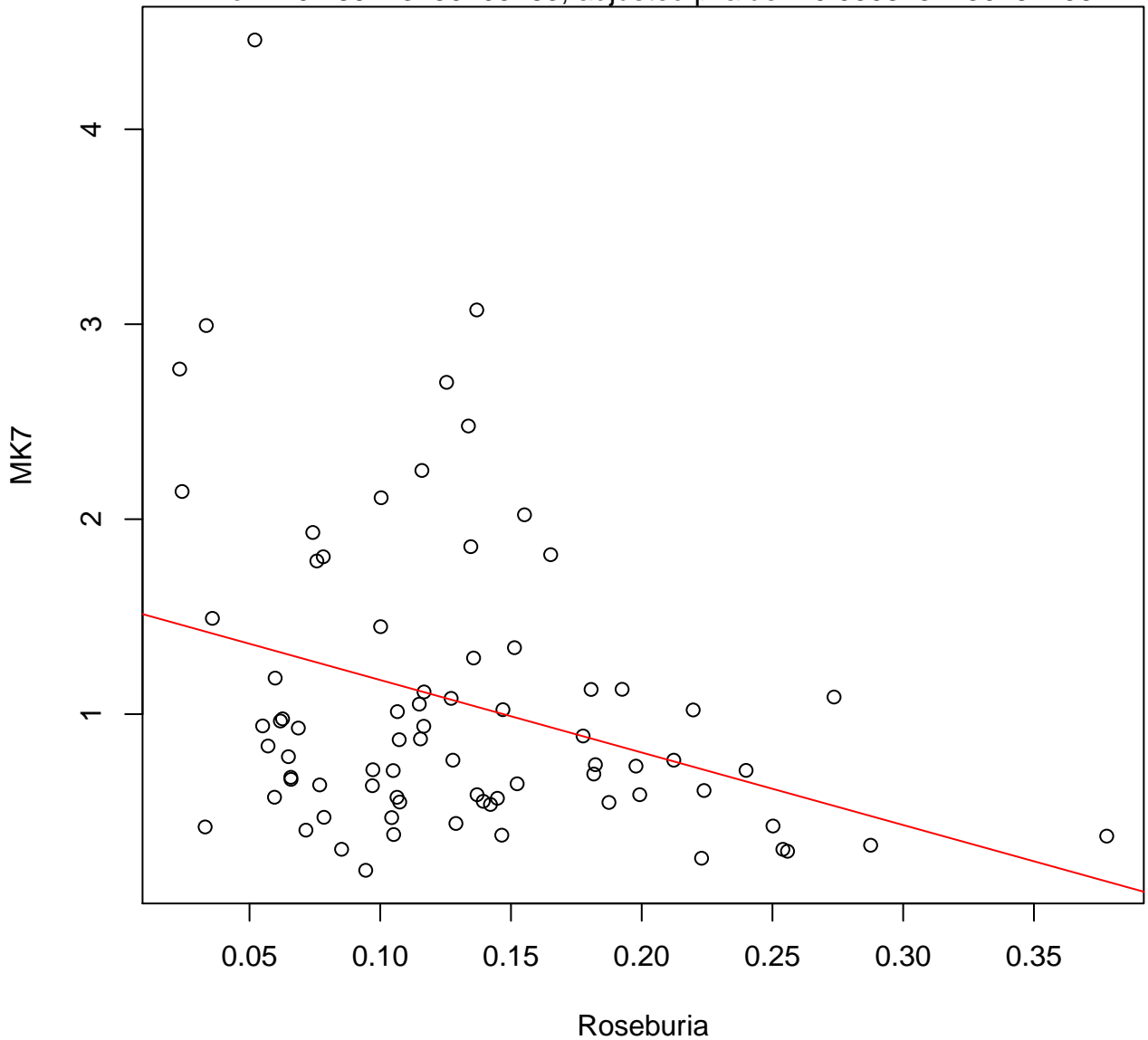
Timepoint 2 , MK7 ~ Lachnospira

Rho = -0.233540805399756 , adjusted pvalue = 0.102781470905875



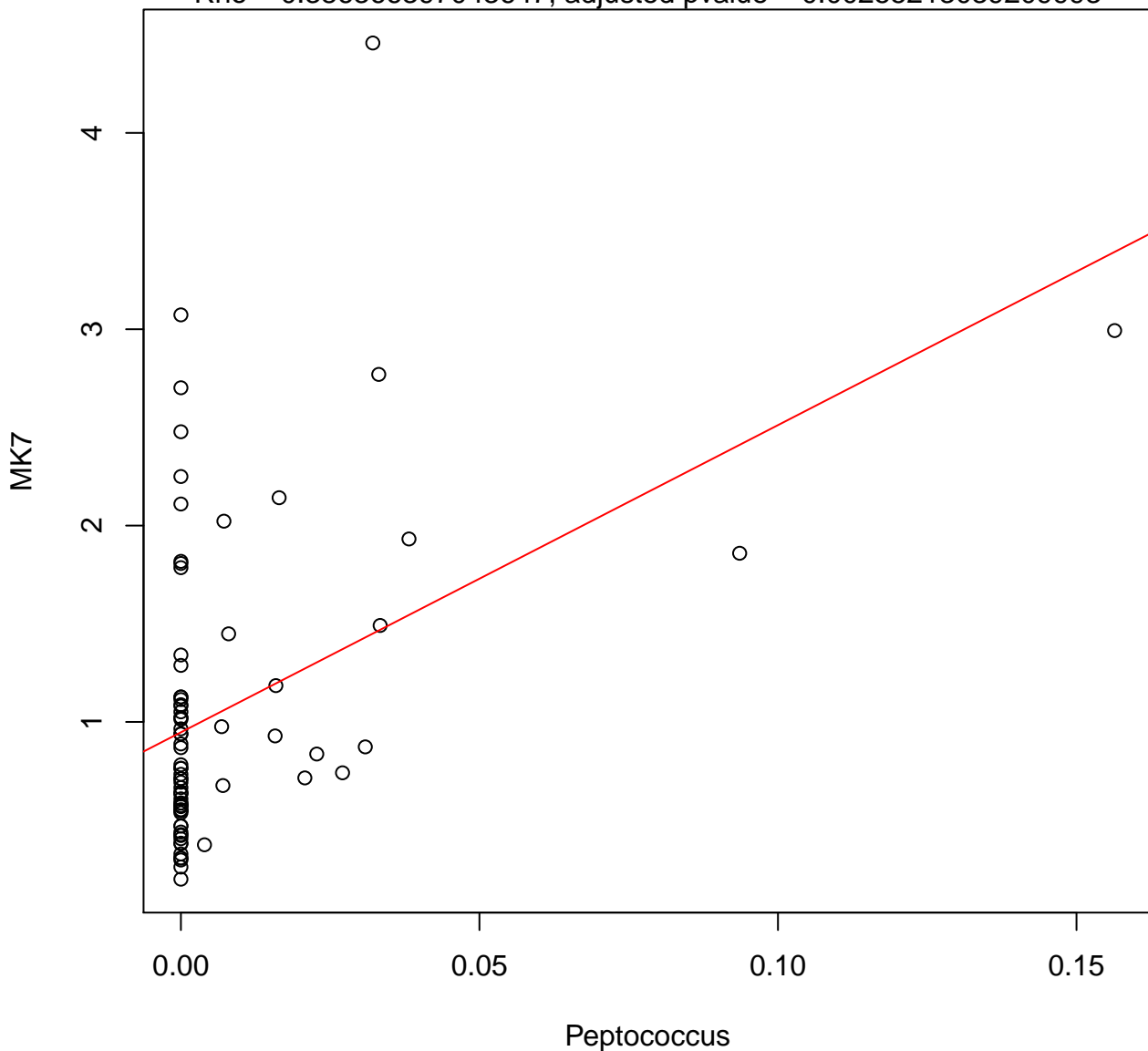
Timepoint 2 , MK7 ~ Roseburia

Rho = -0.269773250105463 , adjusted pvalue = 0.0508234430162756



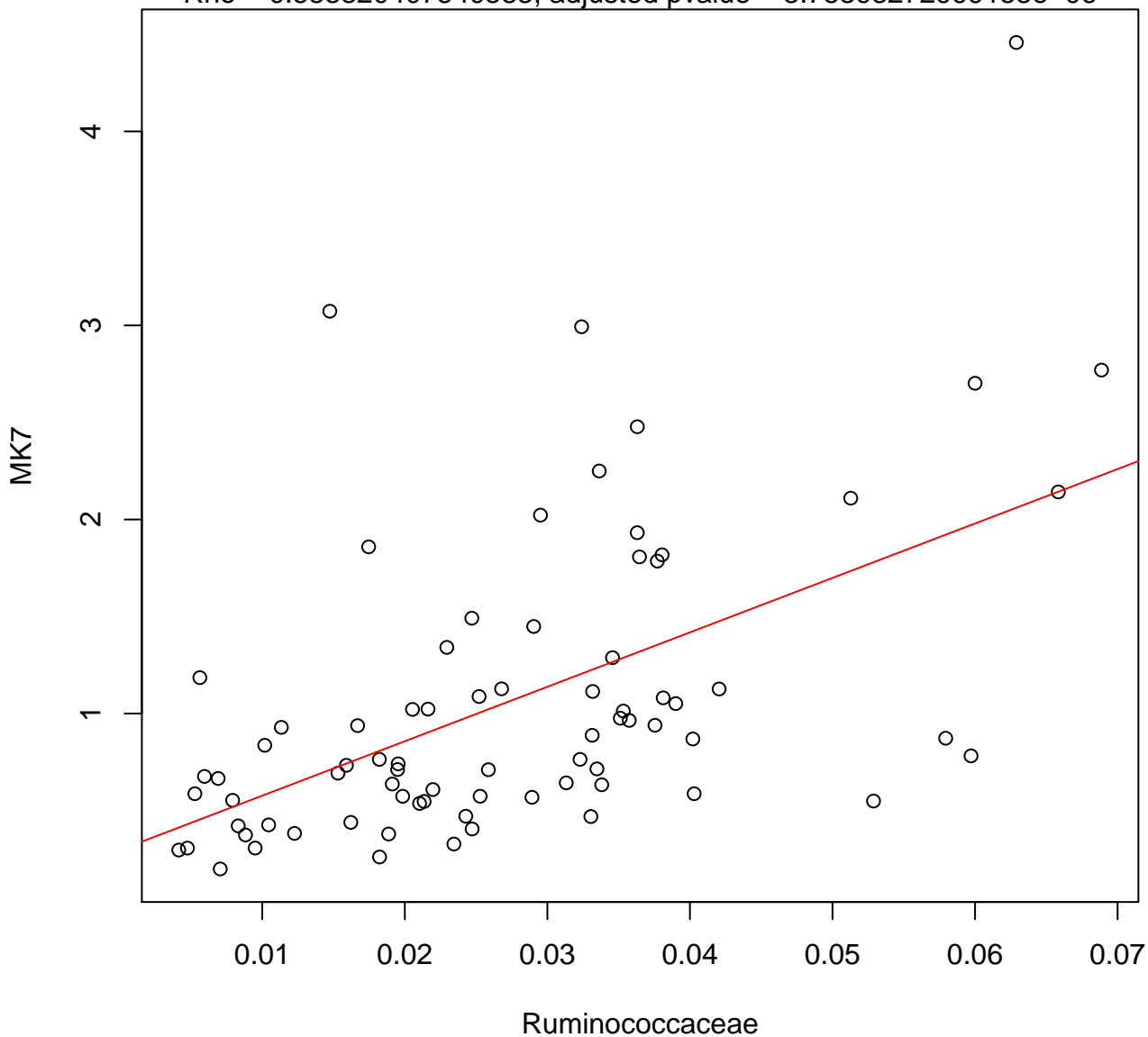
Timepoint 2 , MK7 ~ Peptococcus

Rho = 0.386366397043647, adjusted pvalue = 0.00255213039209993



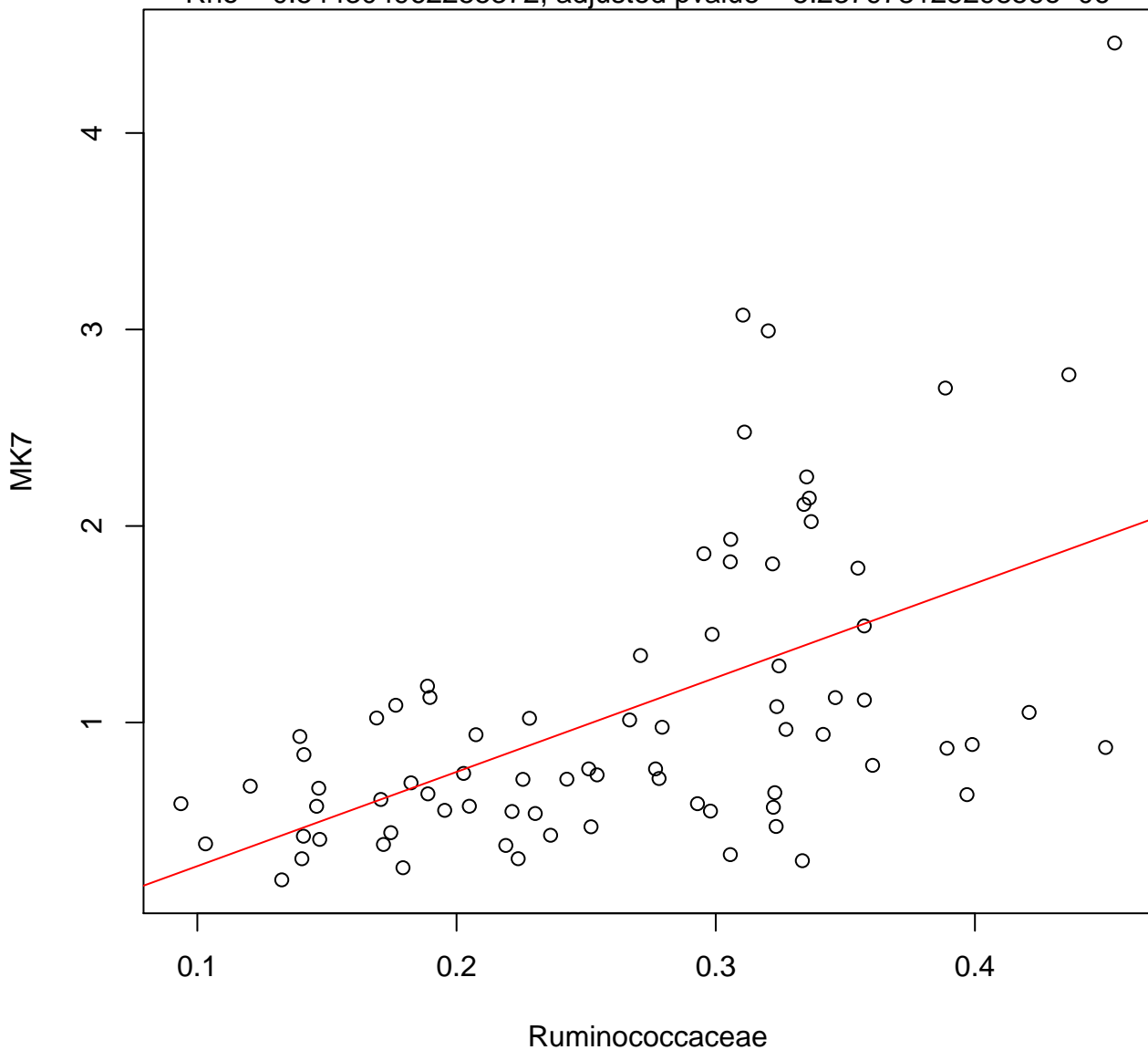
Timepoint 2 , MK7 ~ Ruminococcaceae

Rho = 0.555320407540583, adjusted pvalue = 3.75393272999153e-06



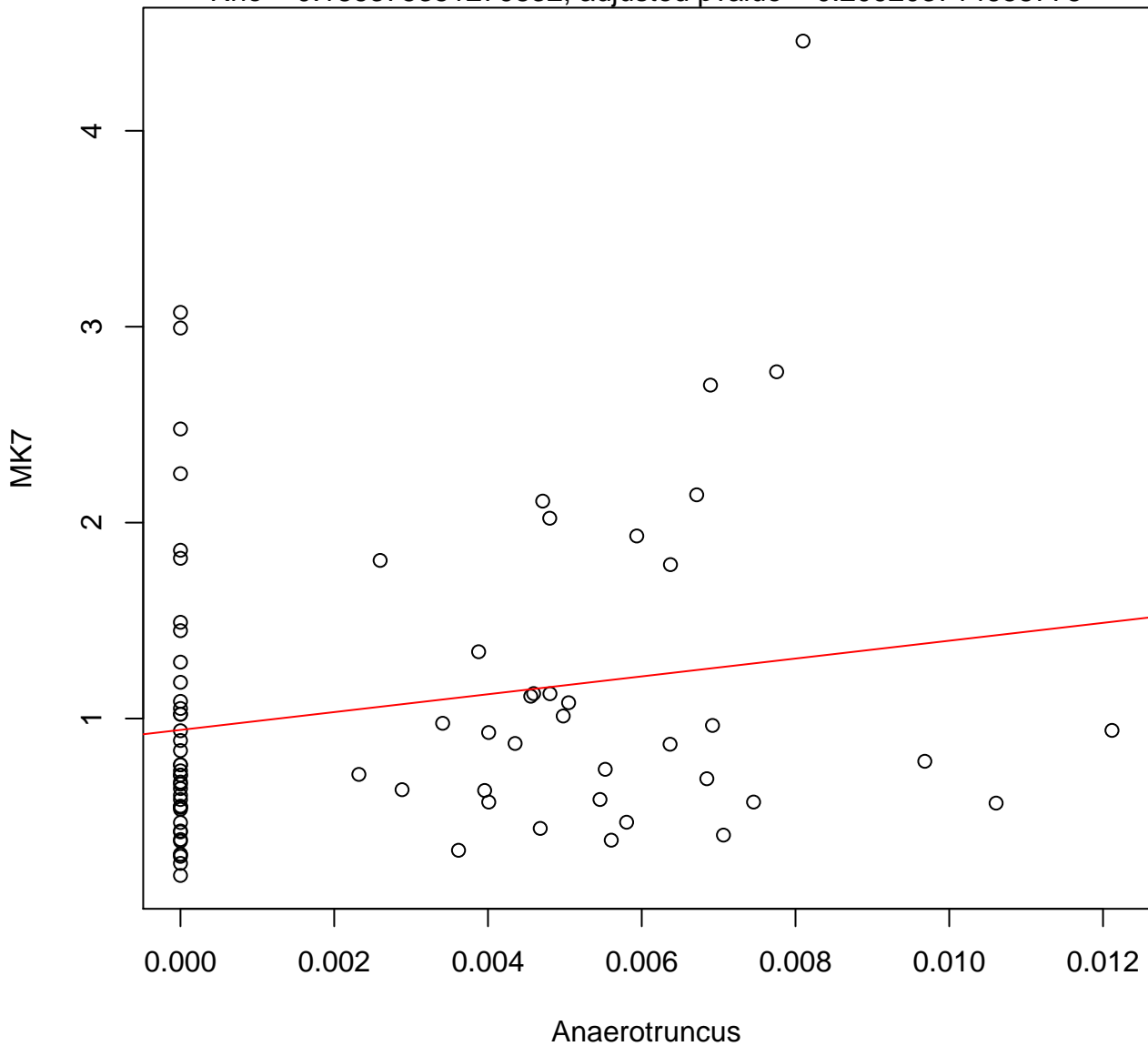
Timepoint 2 , MK7 ~ Ruminococcaceae

Rho = 0.544304962255372, adjusted pvalue = 5.23797812529856e-06



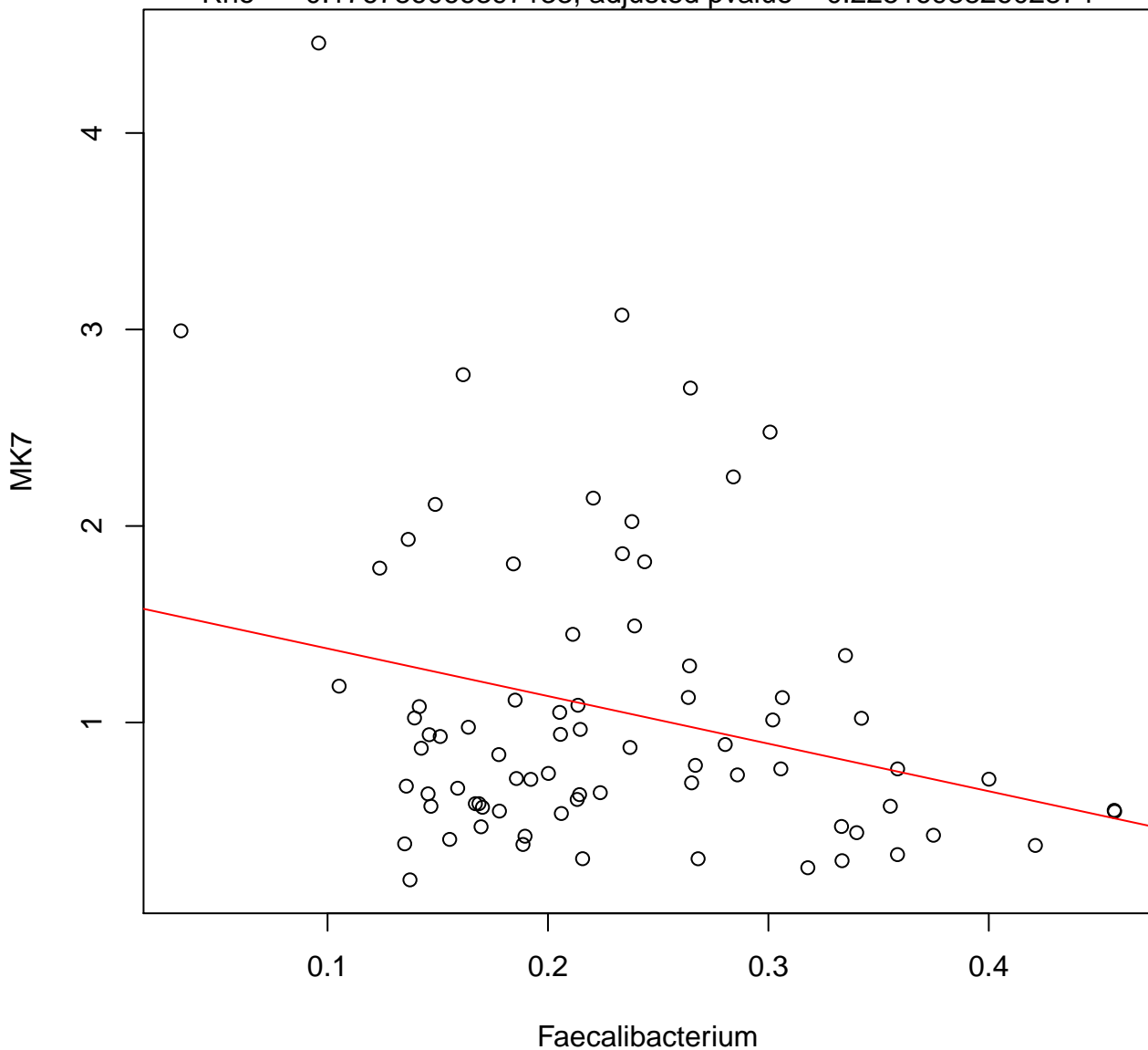
Timepoint 2 , MK7 ~ Anaerotruncus

Rho = 0.186375351279832, adjusted pvalue = 0.209203714658775



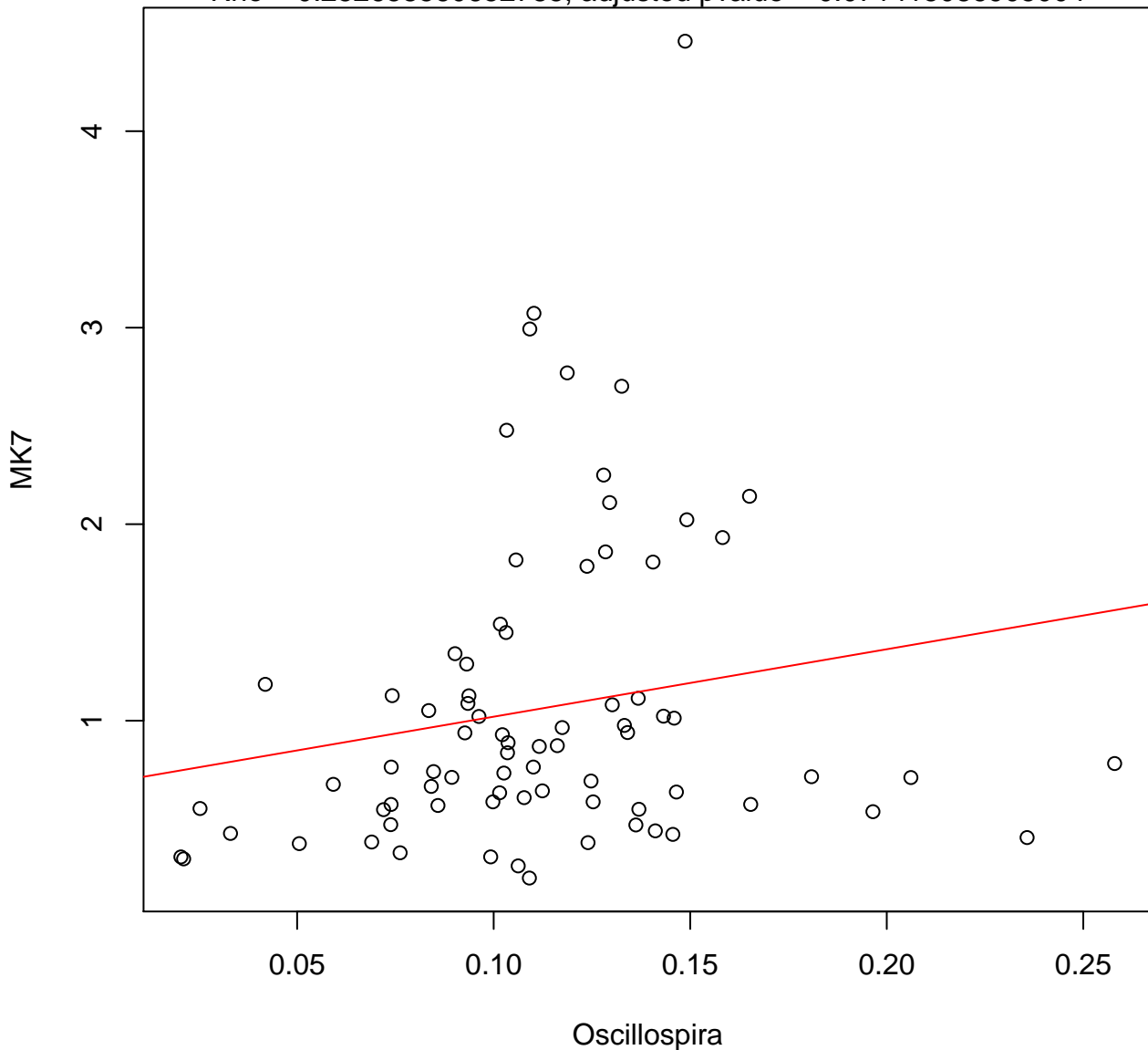
Timepoint 2 , MK7 ~ Faecalibacterium

Rho = -0.176786066397133 , adjusted pvalue = 0.225169382602874



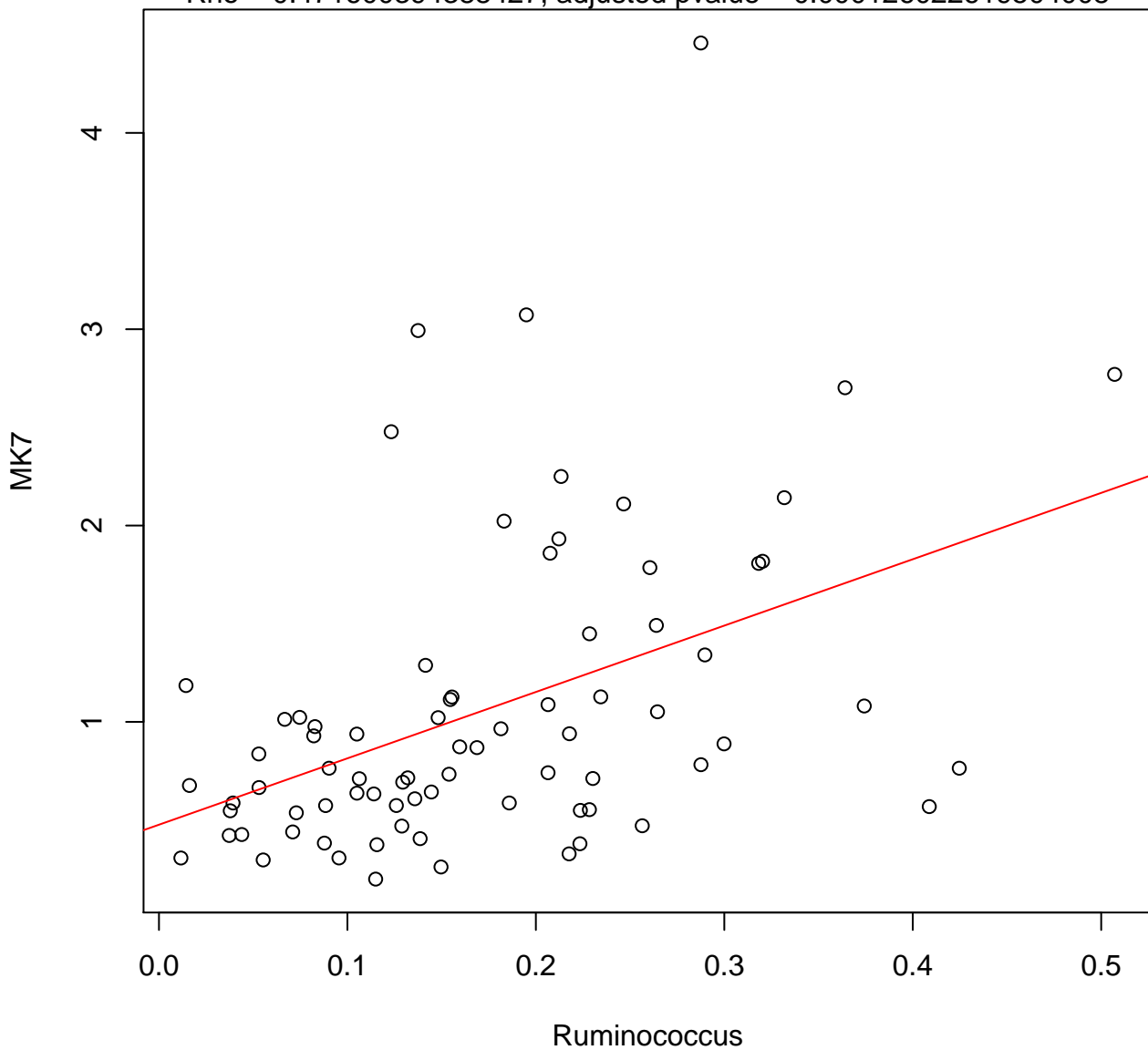
Timepoint 2 , MK7 ~ Oscillospira

Rho = 0.252658560652785, adjusted pvalue = 0.071415086905004



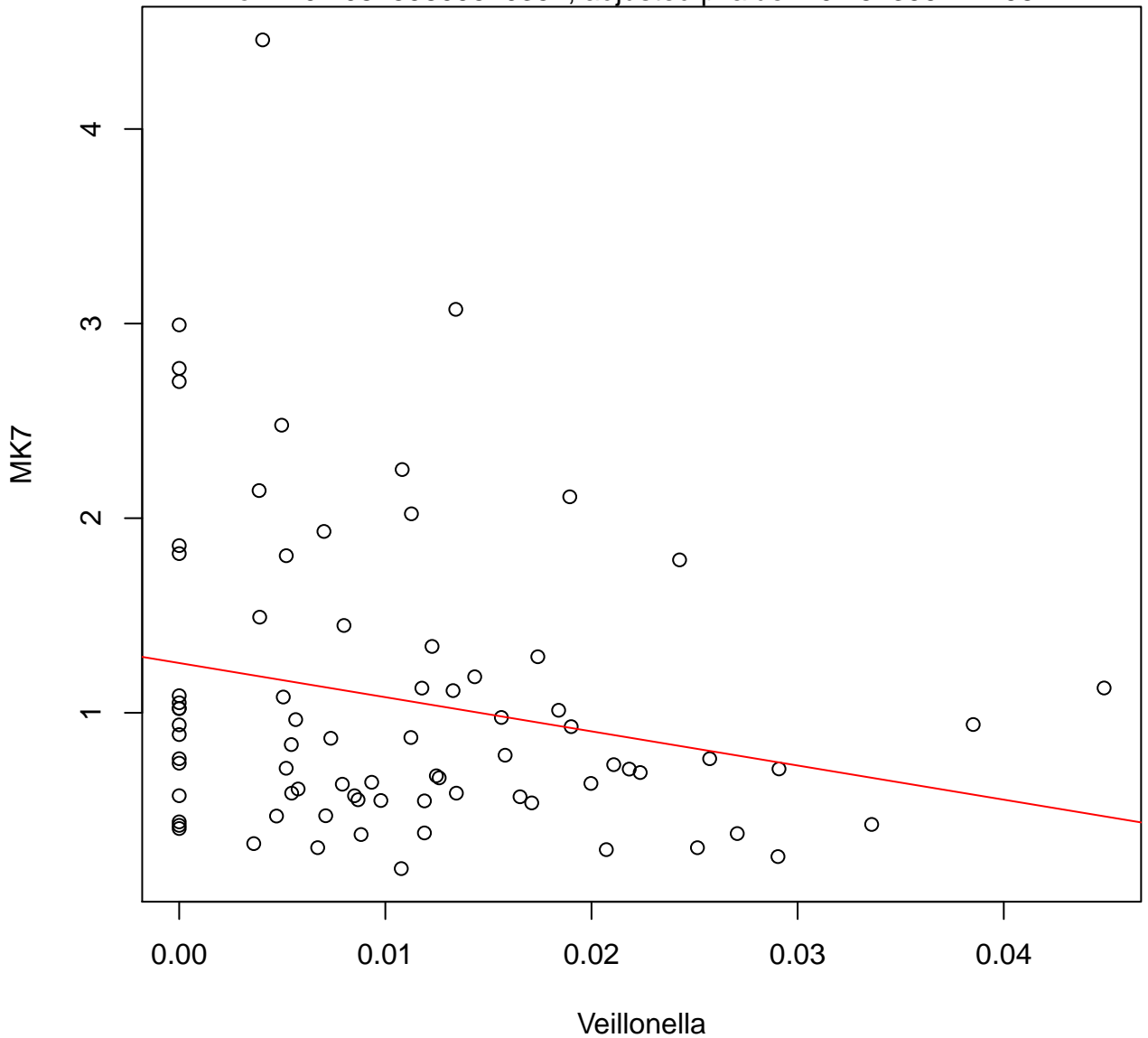
Timepoint 2 , MK7 ~ Ruminococcus

Rho = 0.471600394388427, adjusted pvalue = 0.000126022619504008



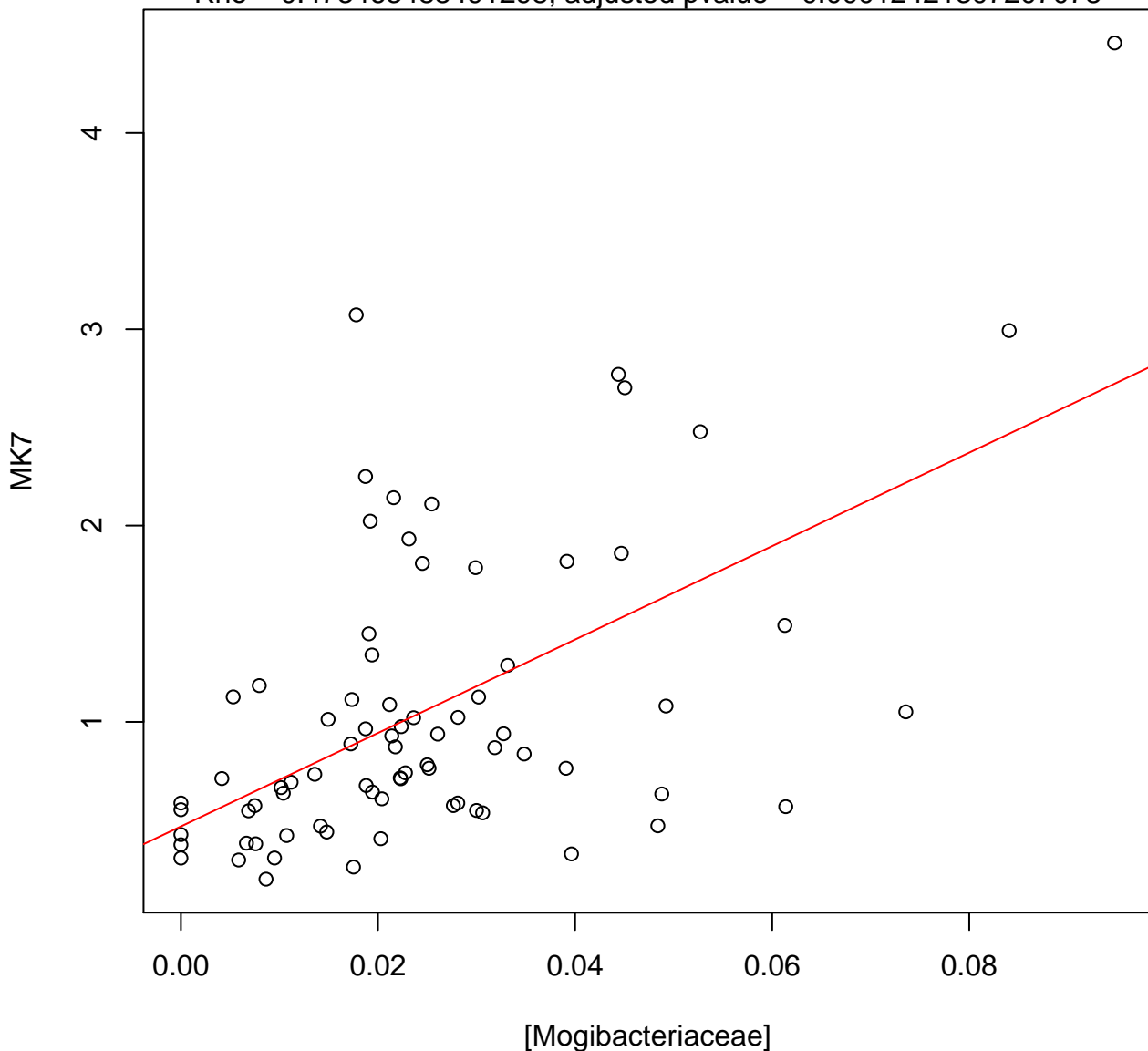
Timepoint 2 , MK7 ~ Veillonella

Rho = -0.208759809540354 , adjusted pvalue = 0.152399427796211



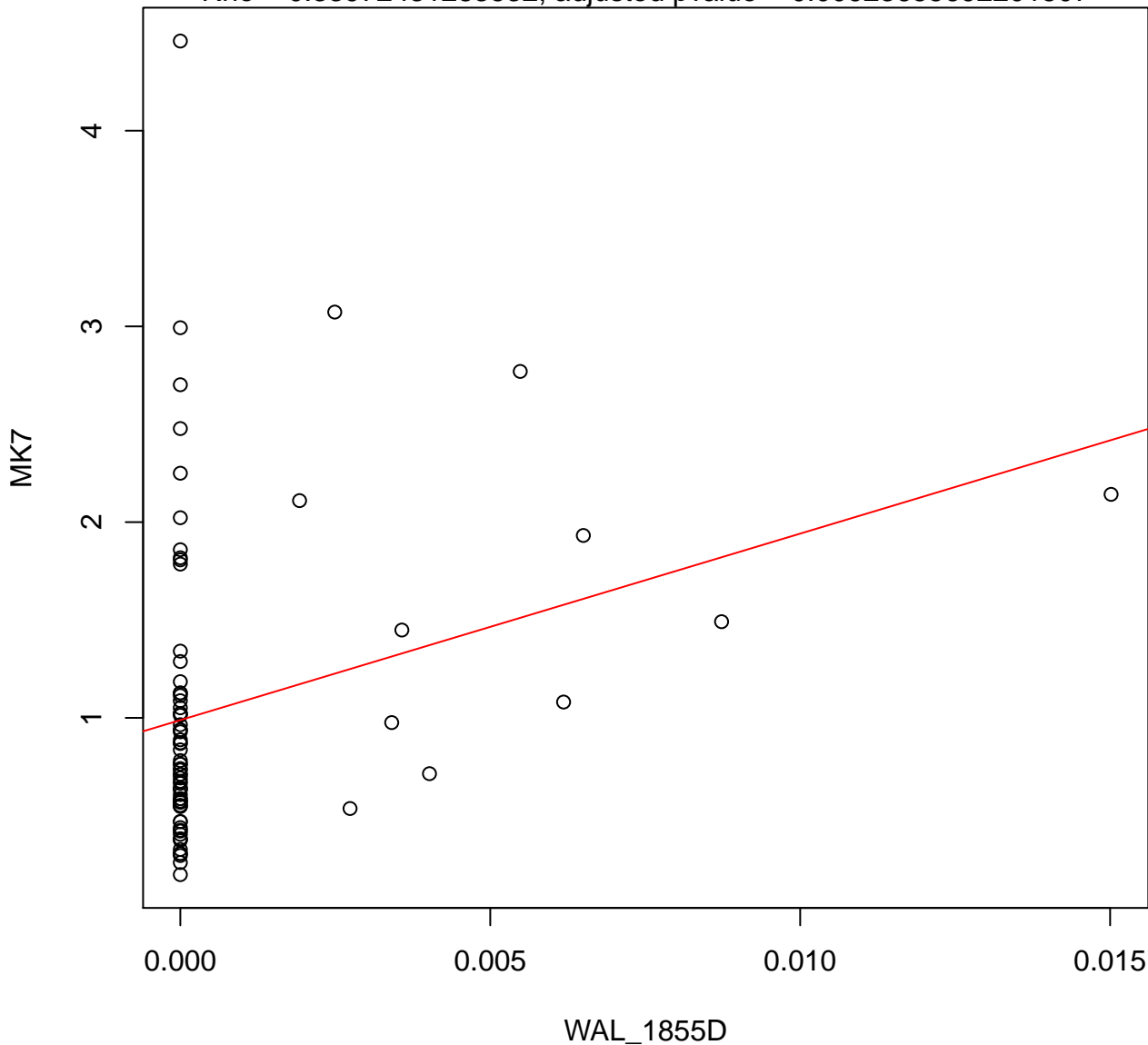
Timepoint 2 , MK7 ~ [Mogibacteriaceae]

Rho = 0.473463488491298, adjusted pvalue = 0.00012421307207078



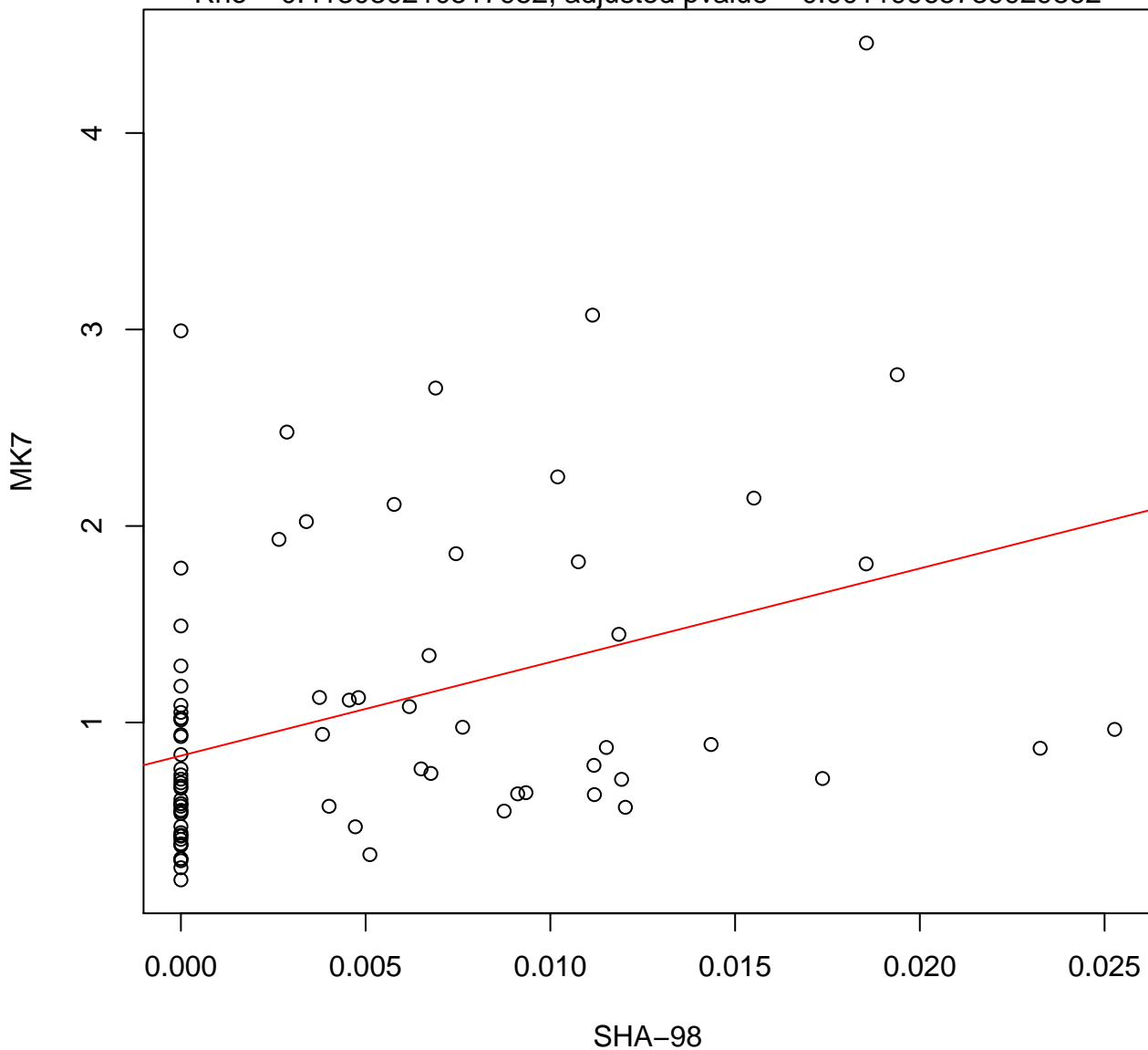
Timepoint 2 , MK7 ~ WAL_1855D

Rho = 0.33972431283532, adjusted pvalue = 0.00923655692201507



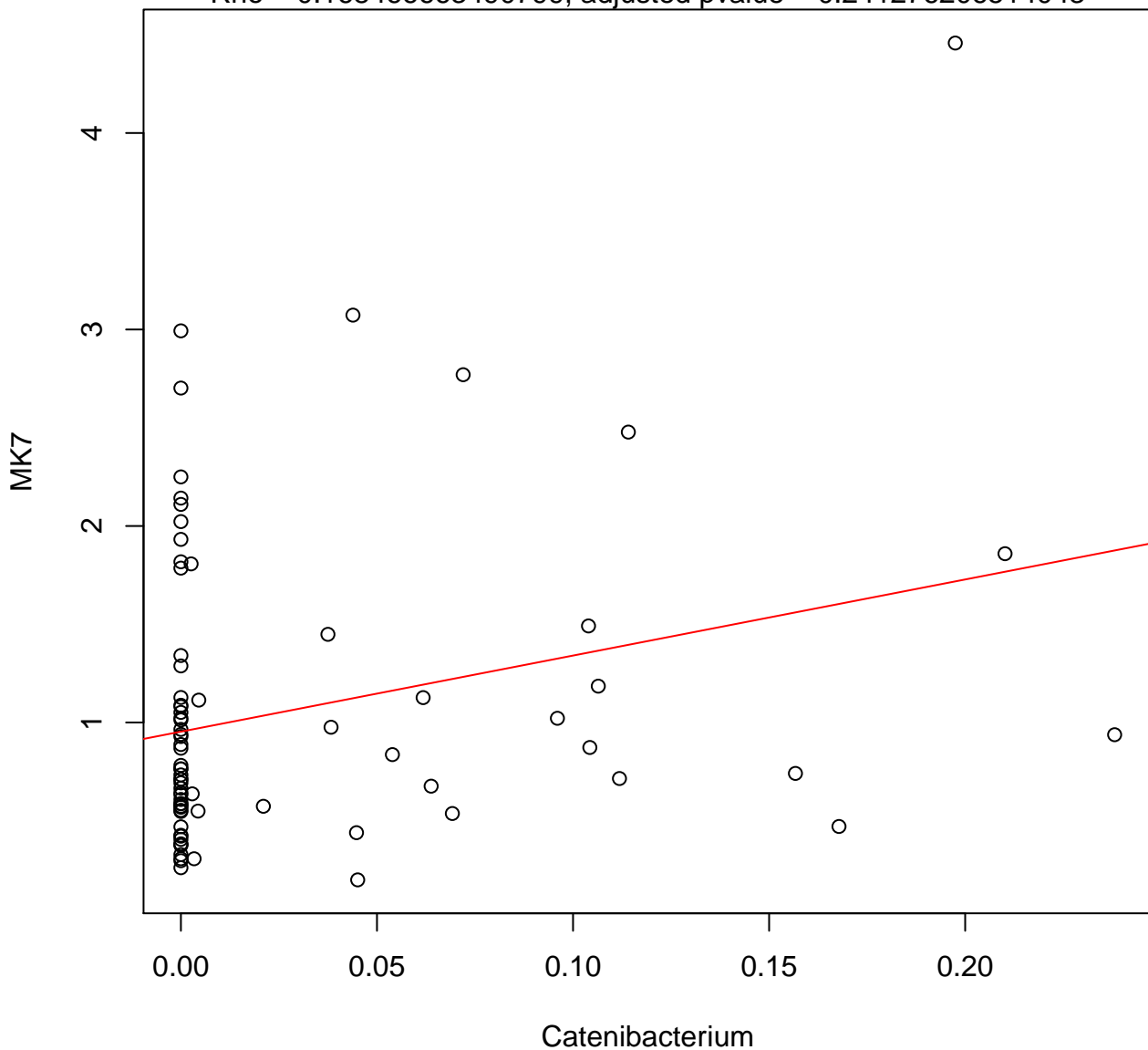
Timepoint 2 , MK7 ~ SHA-98

Rho = 0.413030210517952, adjusted pvalue = 0.00119965739929862



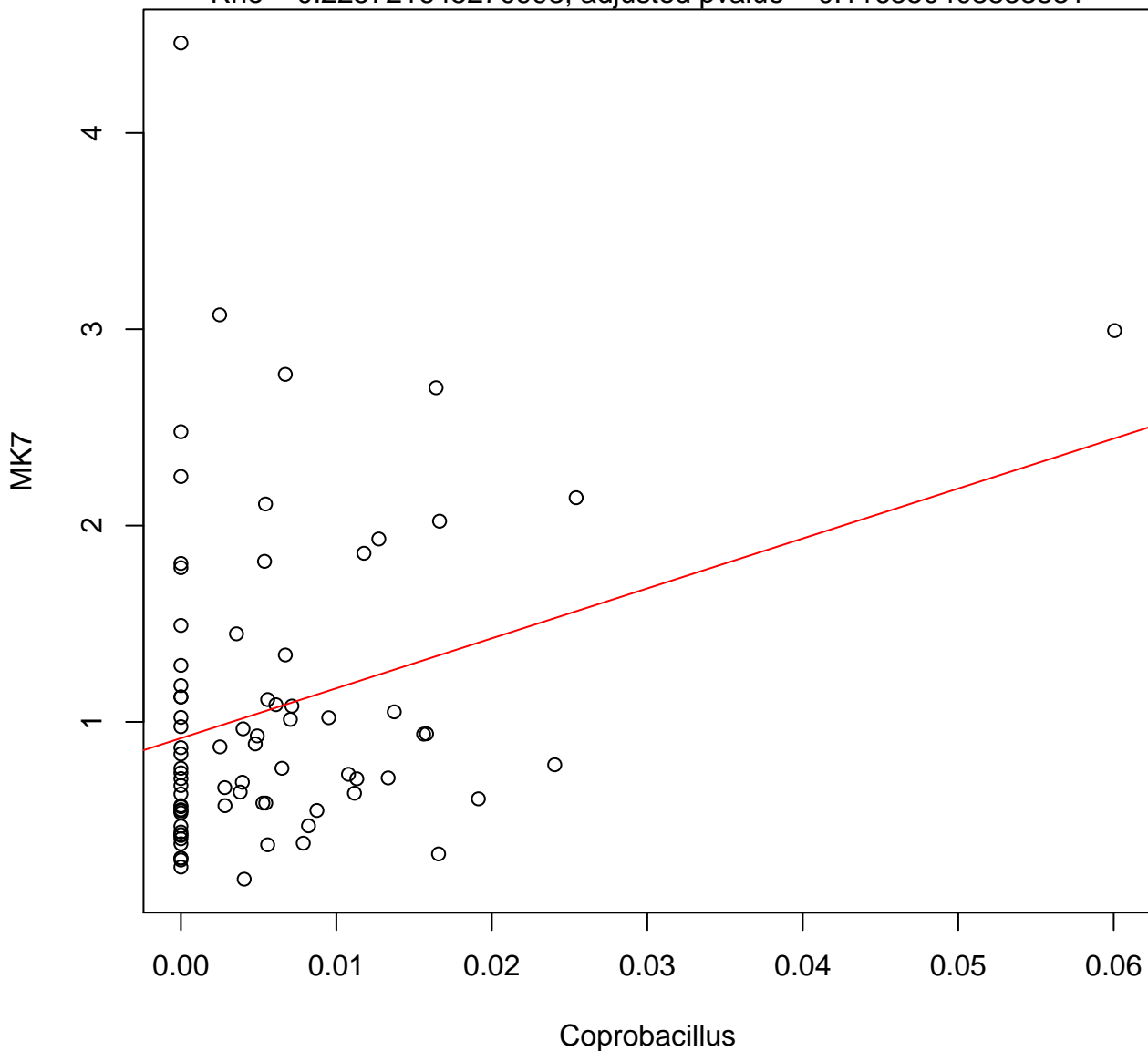
Timepoint 2 , MK7 ~ Catenibacterium

Rho = 0.168466663490799, adjusted pvalue = 0.241276206514043



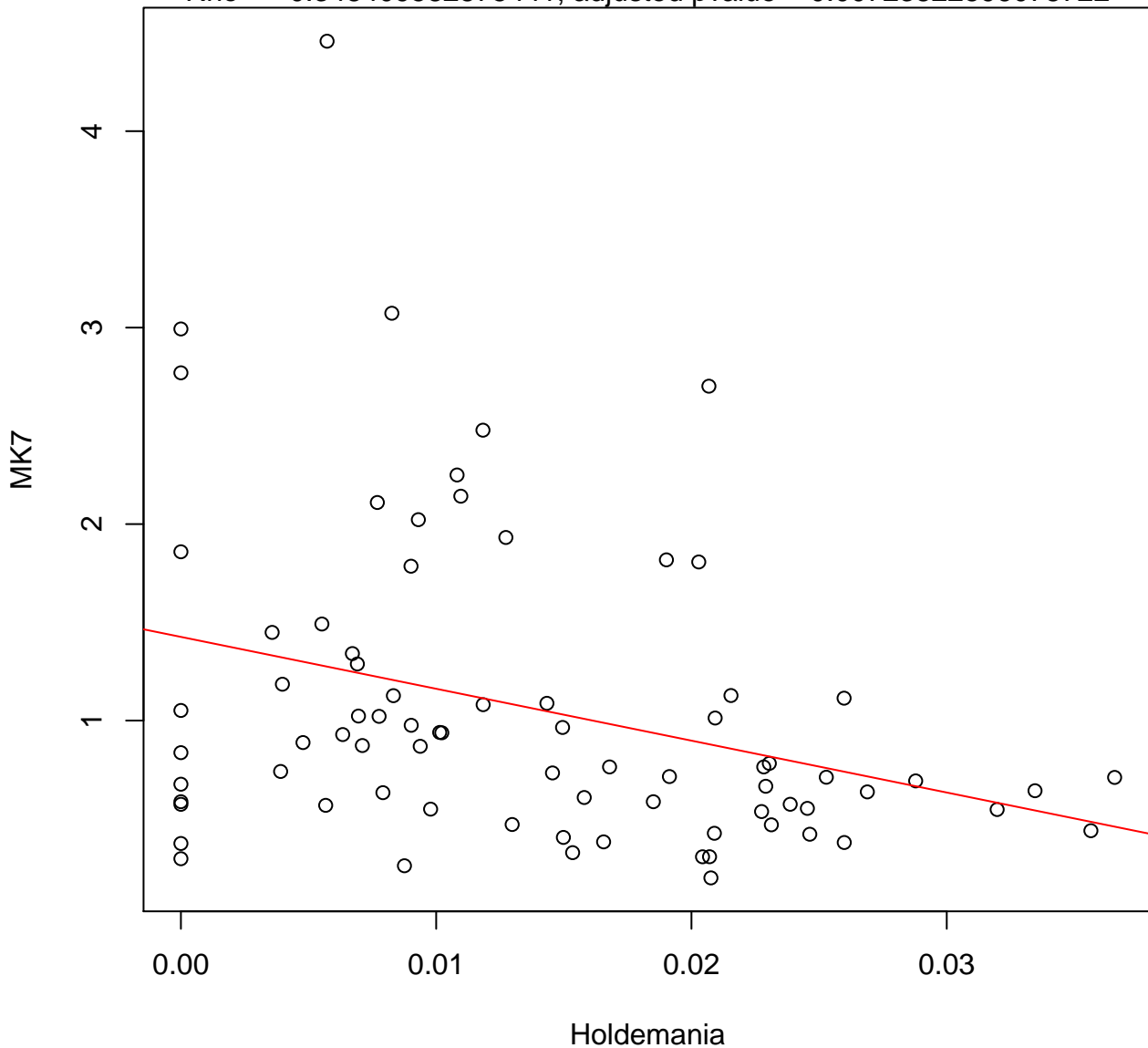
Timepoint 2 , MK7 ~ Coprobacillus

Rho = 0.225721645270993, adjusted pvalue = 0.116550408853831



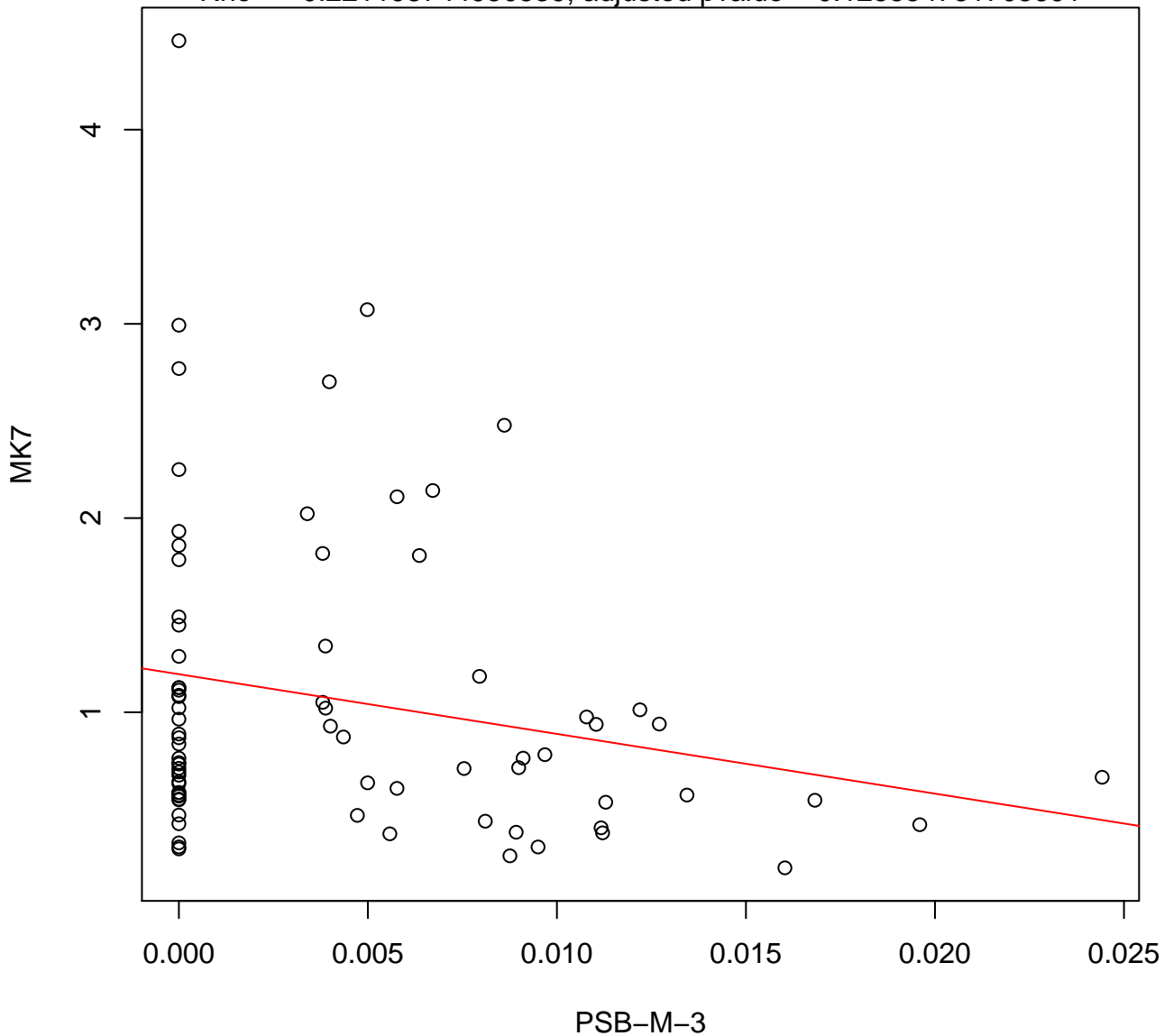
Timepoint 2 , MK7 ~ Holdemania

Rho = -0.348409582875441 , adjusted pvalue = 0.00723822596078722



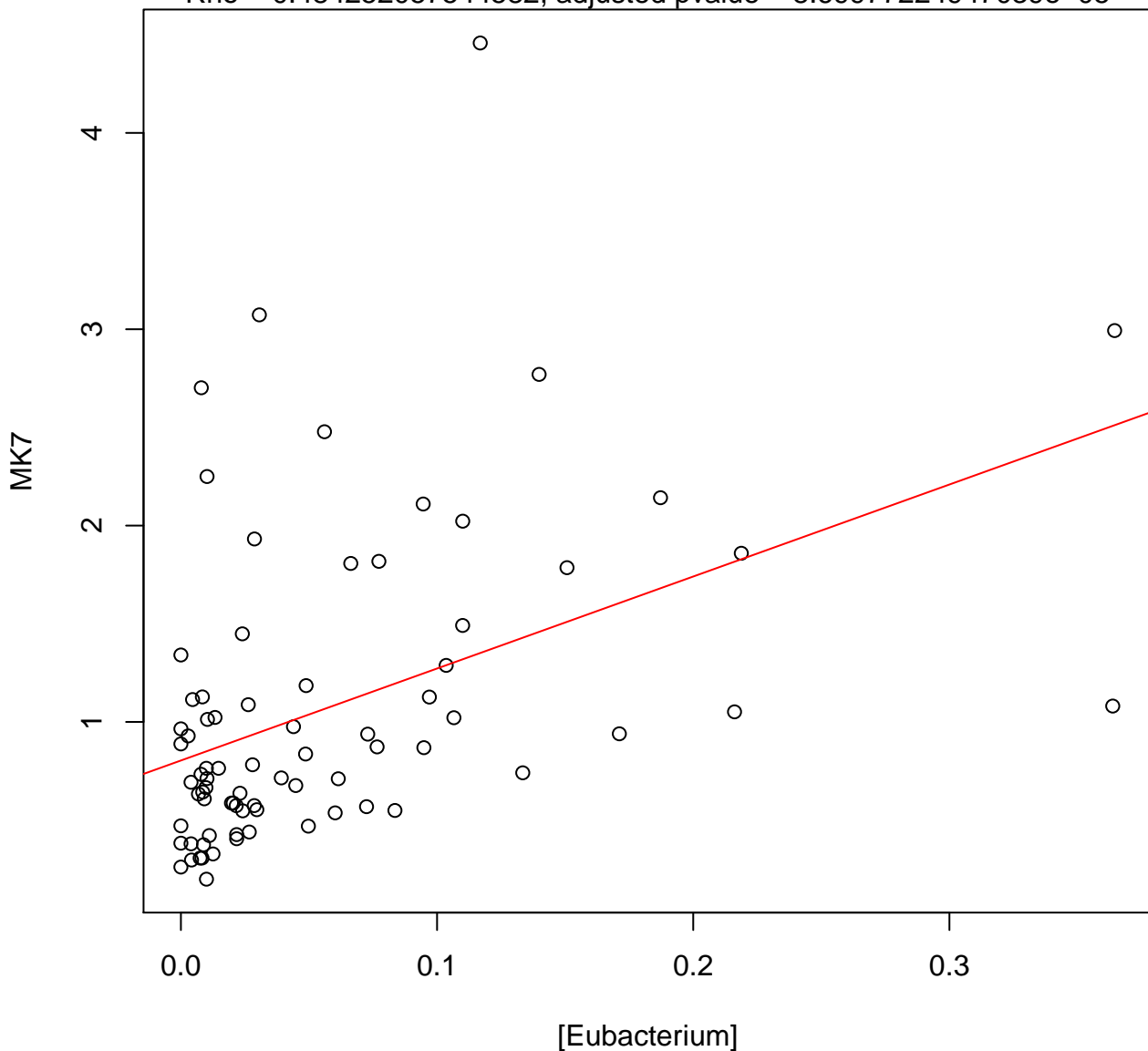
Timepoint 2 , MK7 ~ PSB-M-3

Rho = -0.221198744950539, adjusted pvalue = 0.125554751705691



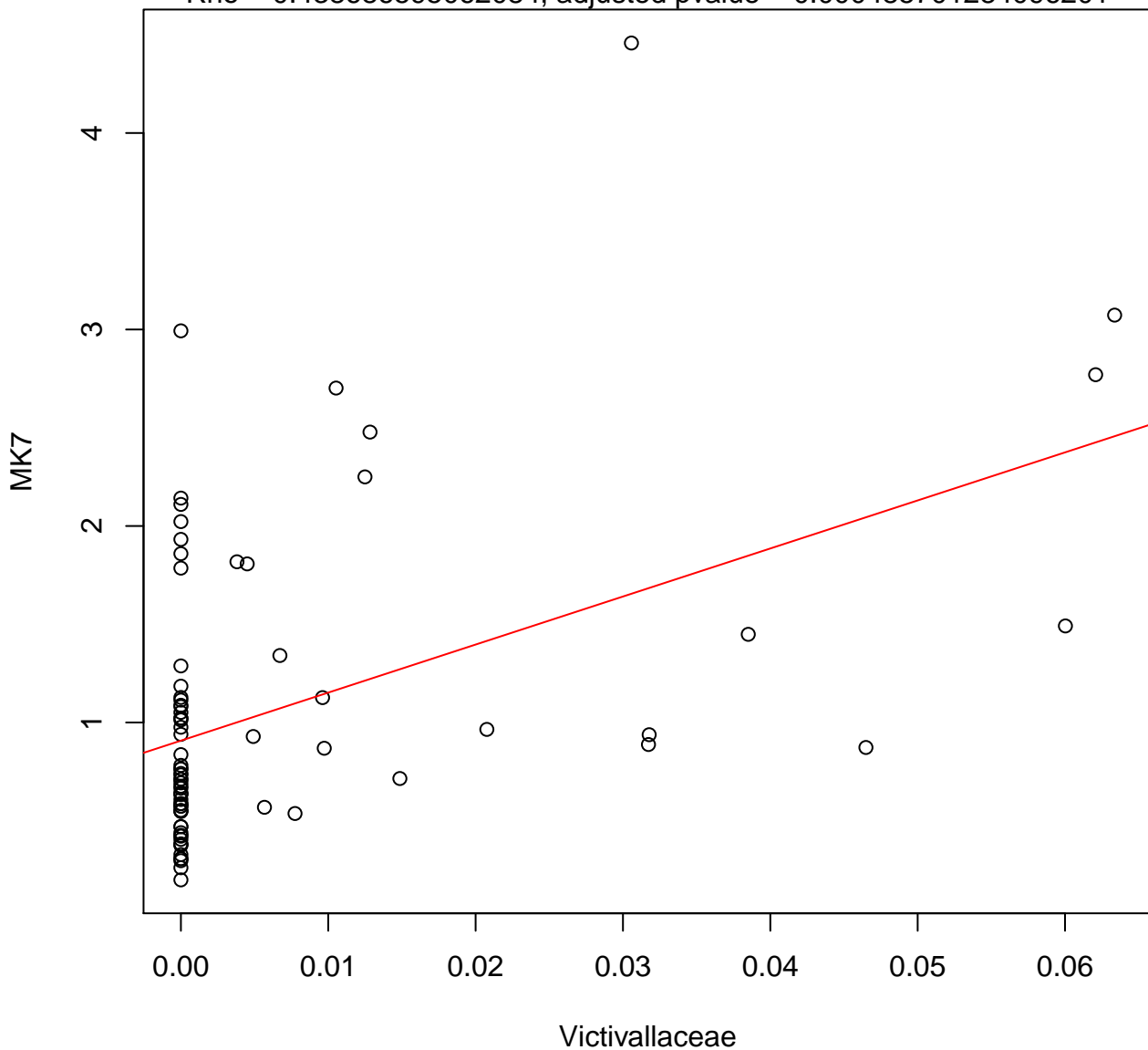
Timepoint 2 , MK7 ~ [Eubacterium]

Rho = 0.484252057544582, adjusted pvalue = 8.69977224947039e-05



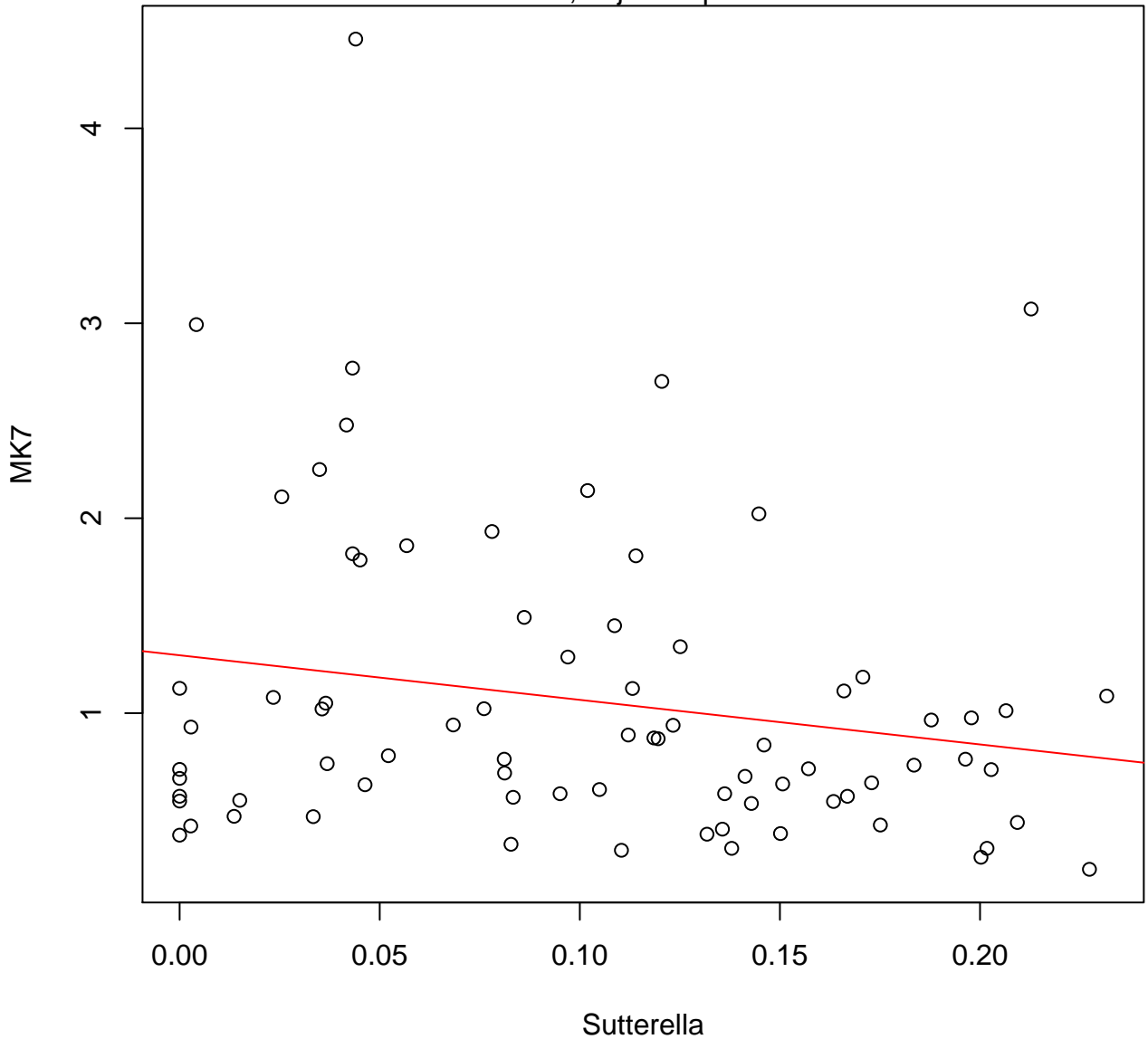
Timepoint 2 , MK7 ~ Victivallaceae

Rho = 0.438686595062084, adjusted pvalue = 0.000485701284096201



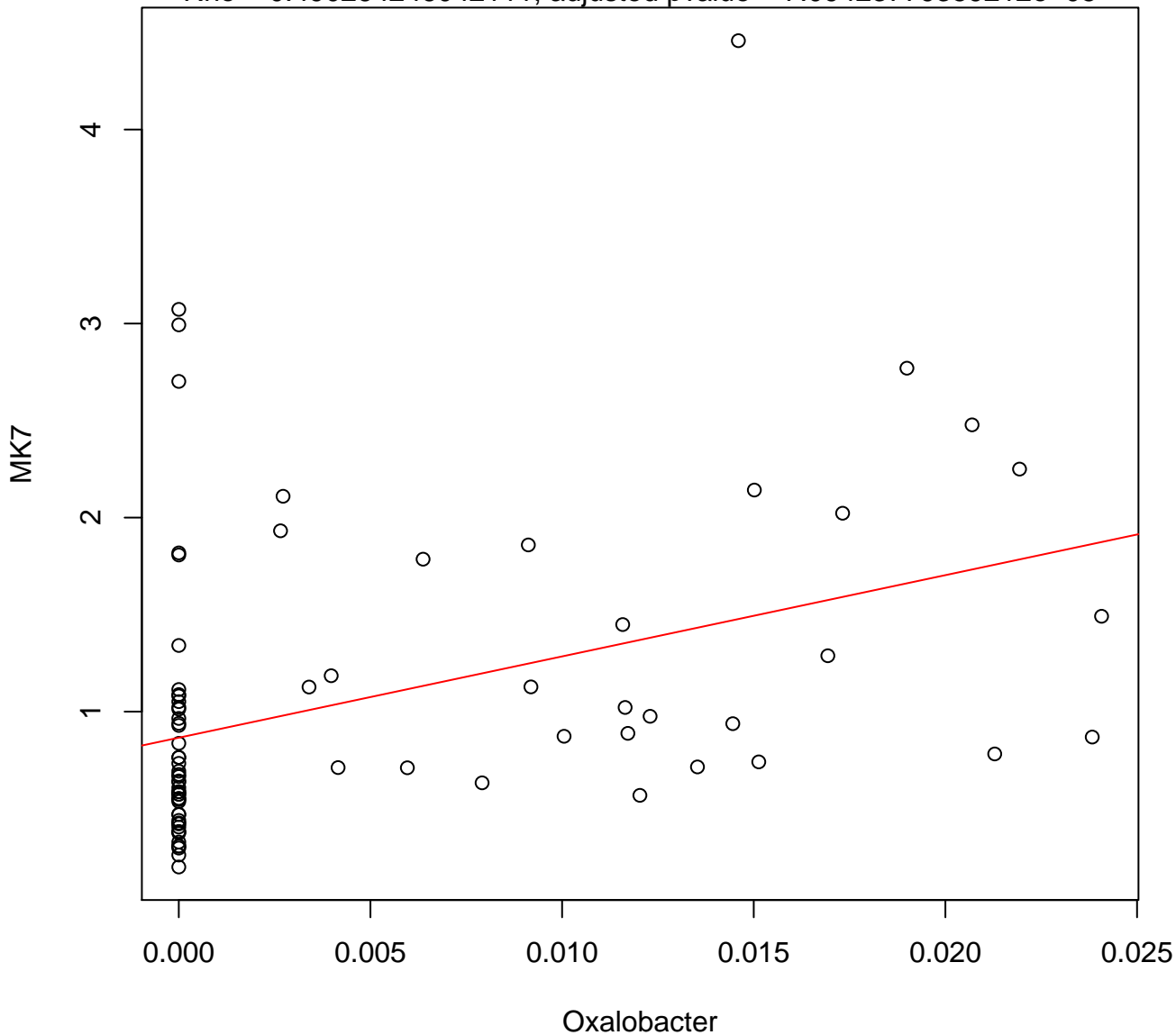
Timepoint 2 , MK7 ~ Sutterella

Rho = -0.168425208578266 , adjusted pvalue = 0.241276206514043



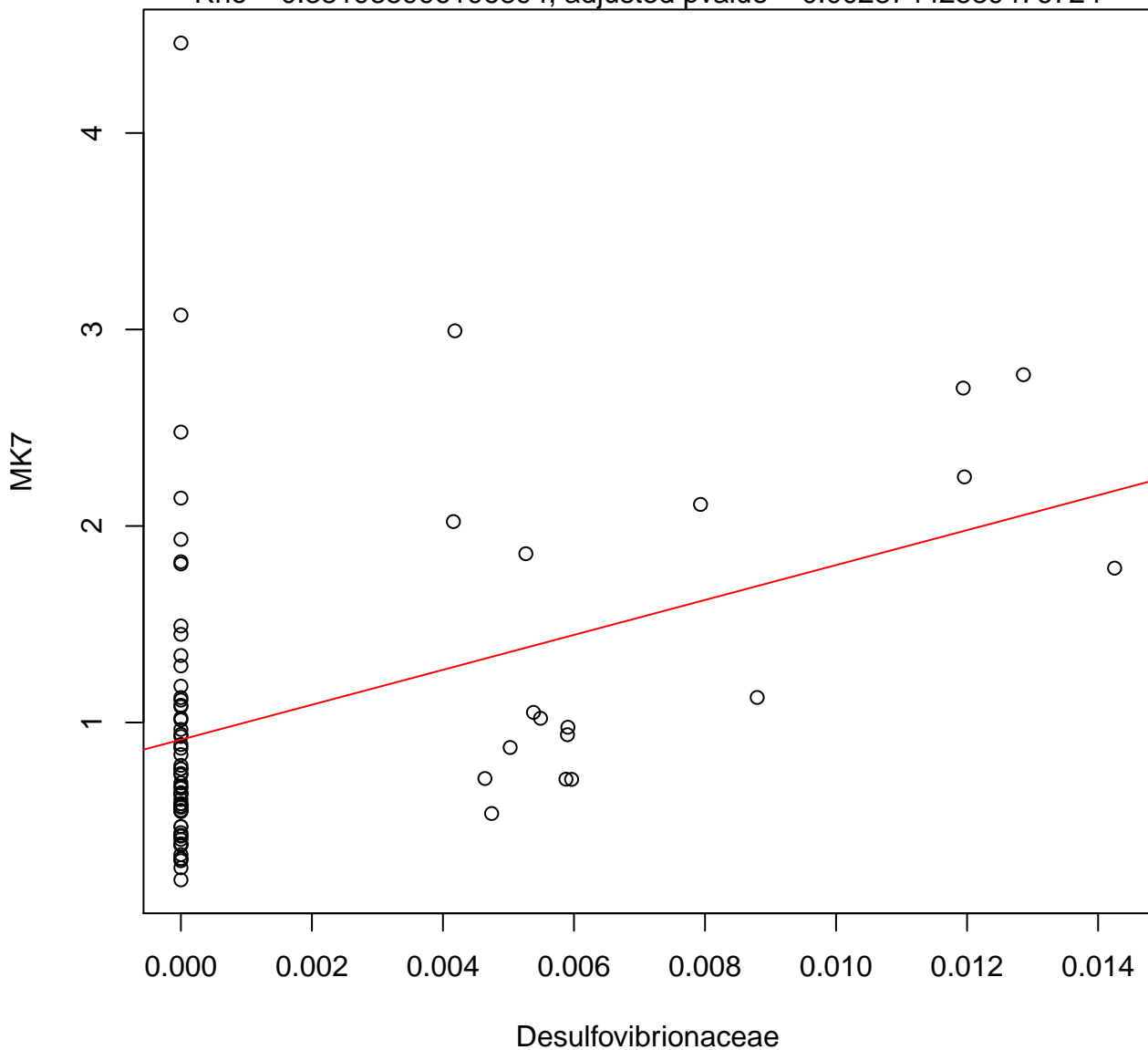
Timepoint 2 , MK7 ~ Oxalobacter

Rho = 0.490264246042111, adjusted pvalue = 7.09423779359212e-05



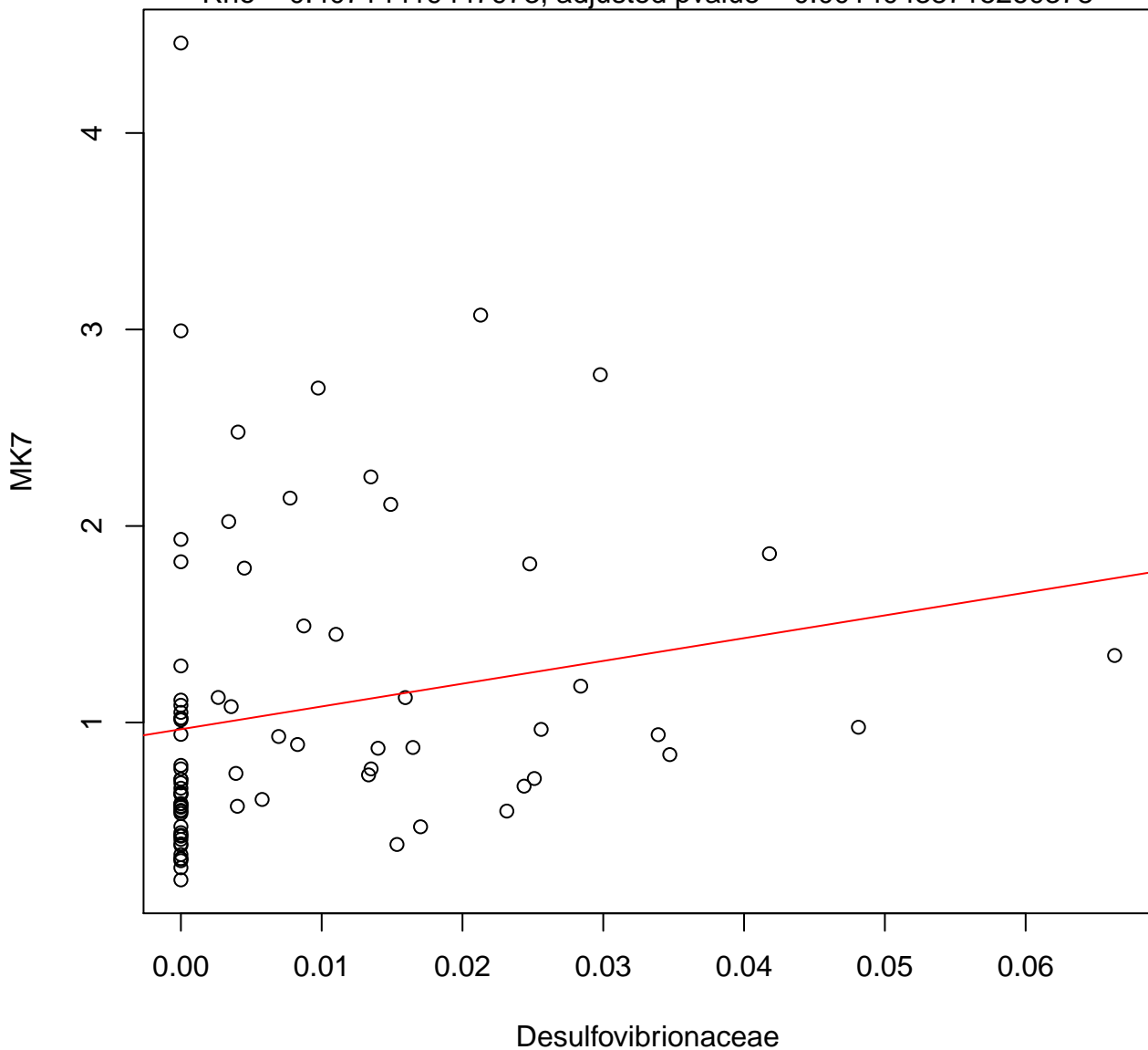
Timepoint 2 , MK7 ~ Desulfovibrionaceae

Rho = 0.381935996196894, adjusted pvalue = 0.00287442539476724



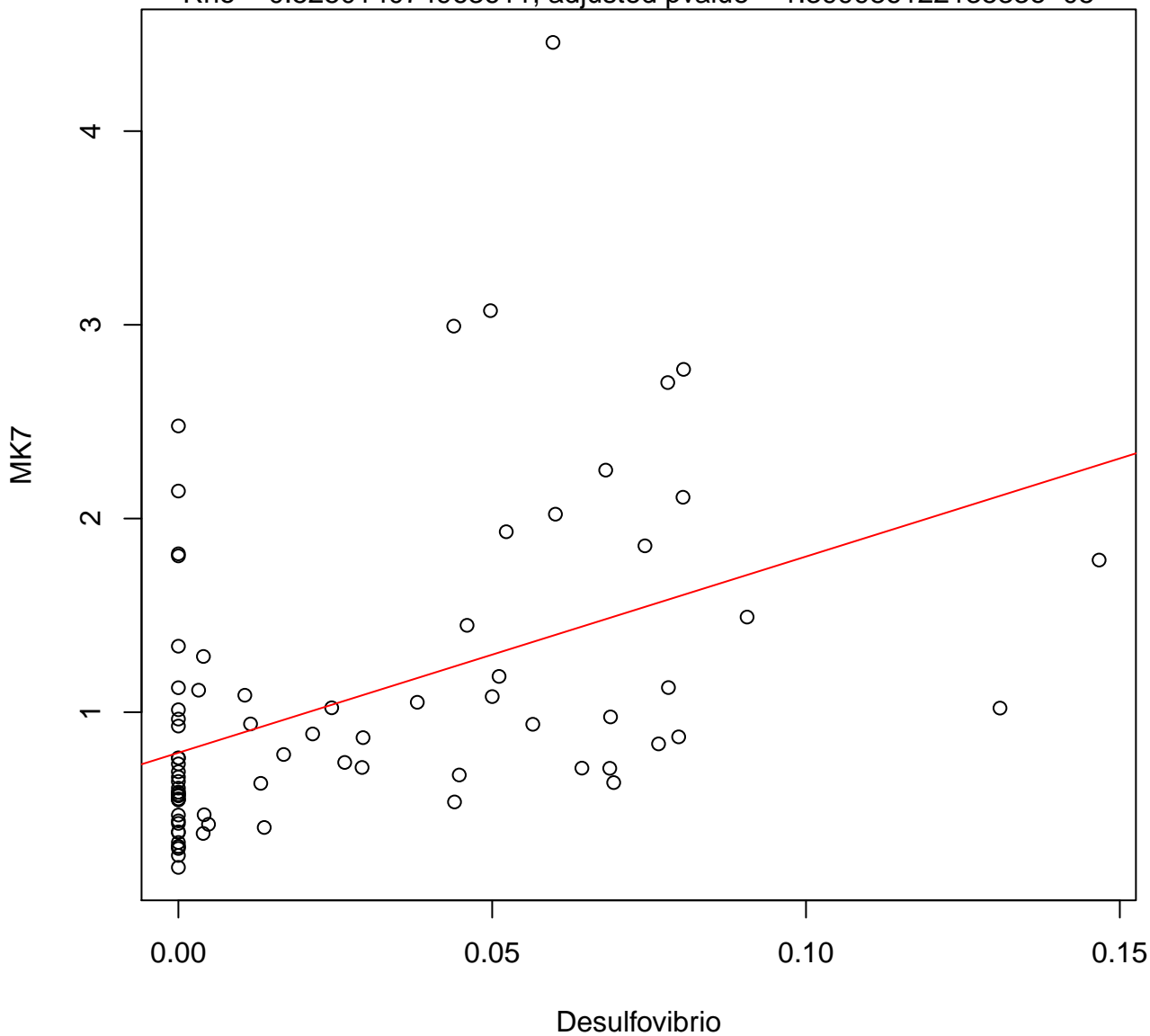
Timepoint 2 , MK7 ~ Desulfovibrionaceae

Rho = 0.40714419447973, adjusted pvalue = 0.00140438715260378



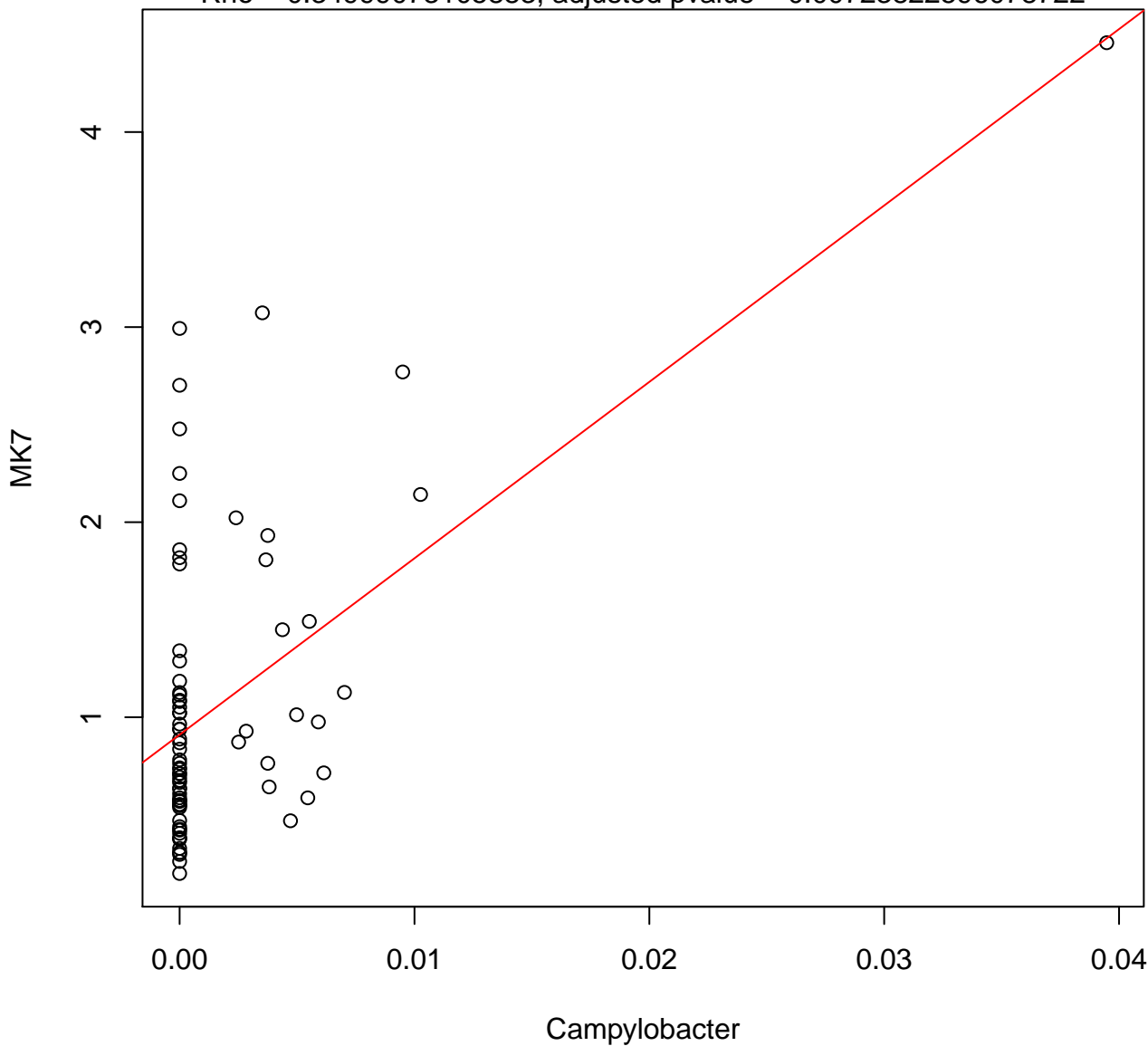
Timepoint 2 , MK7 ~ Desulfovibrio

Rho = 0.525014074963611, adjusted pvalue = 1.39998612213533e-05



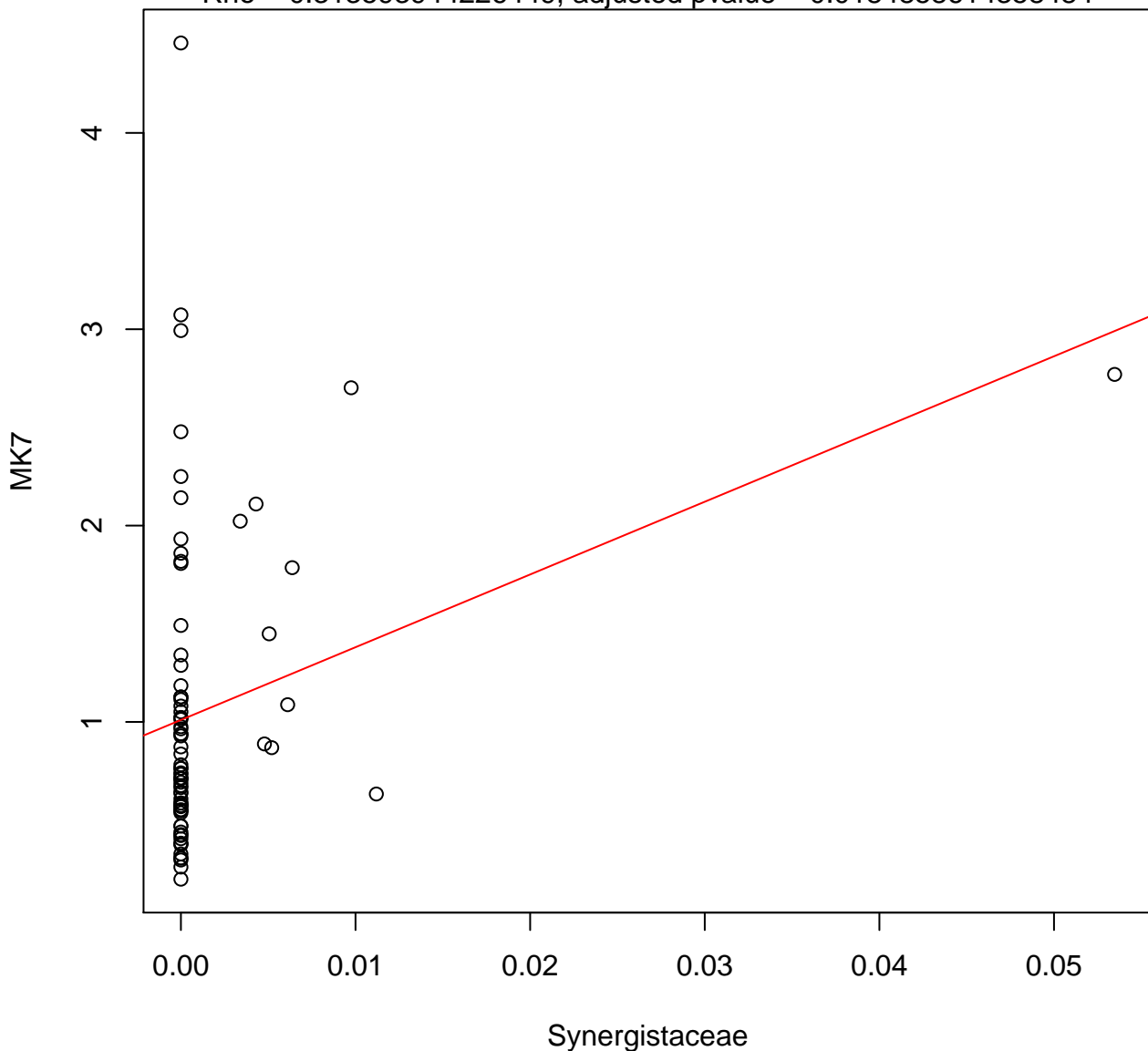
Timepoint 2 , MK7 ~ Campylobacter

Rho = 0.34999073105883, adjusted pvalue = 0.00723822596078722



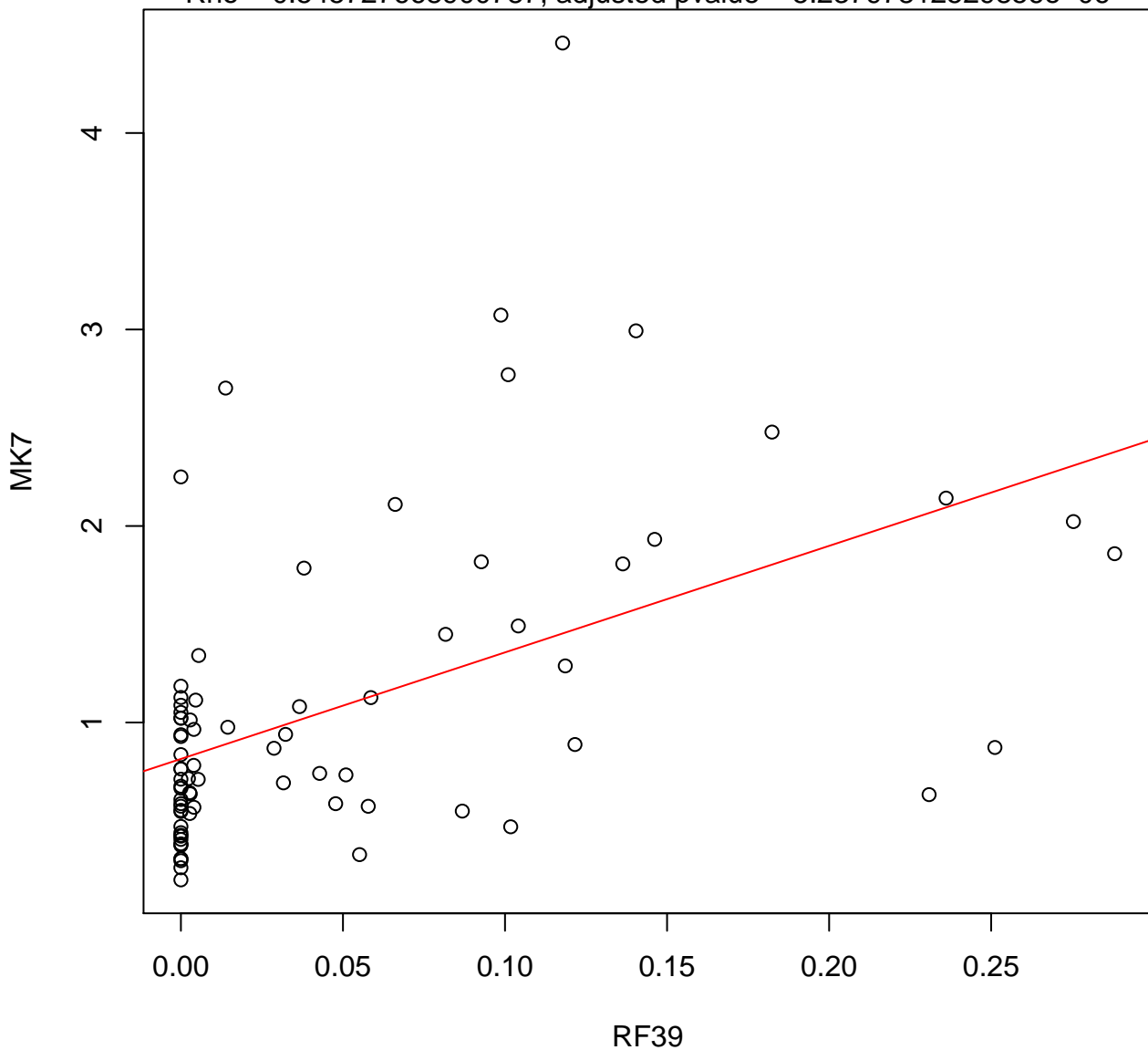
Timepoint 2 , MK7 ~ Synergistaceae

Rho = 0.313593944226449, adjusted pvalue = 0.0184858614358484



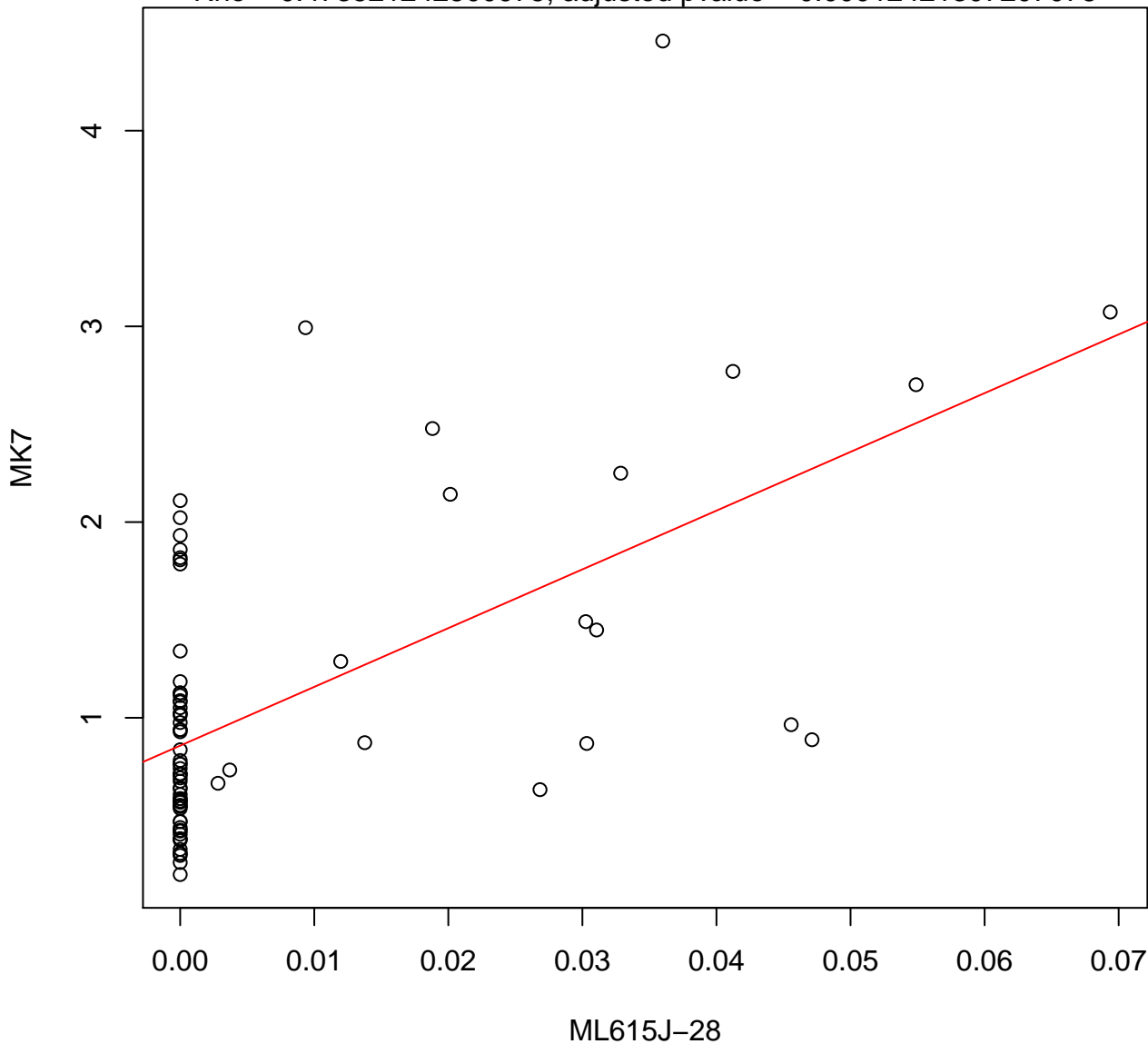
Timepoint 2 , MK7 ~ RF39

Rho = 0.545727668900787, adjusted pvalue = 5.23797812529856e-06



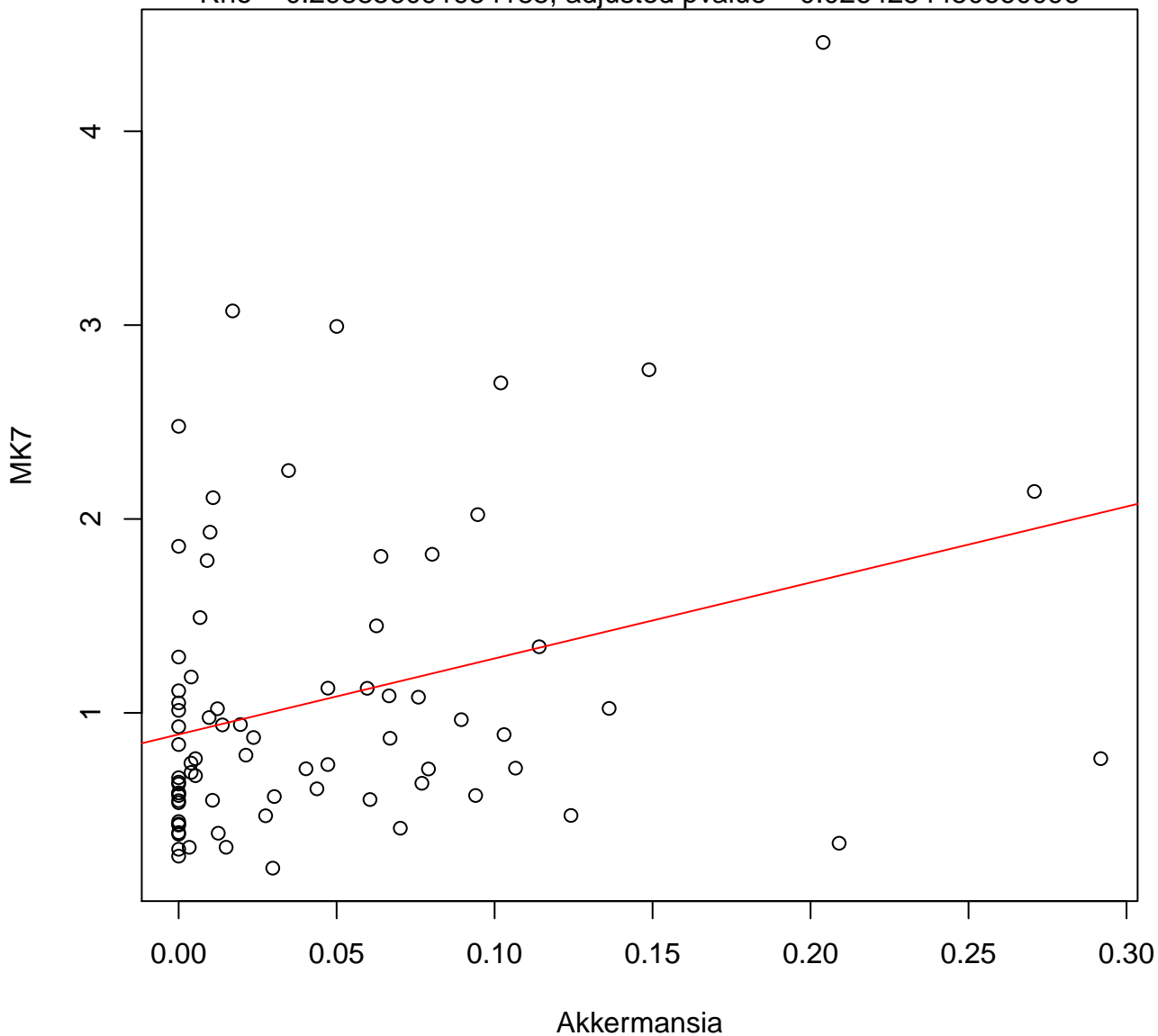
Timepoint 2 , MK7 ~ ML615J-28

Rho = 0.473521242500975, adjusted pvalue = 0.00012421307207078



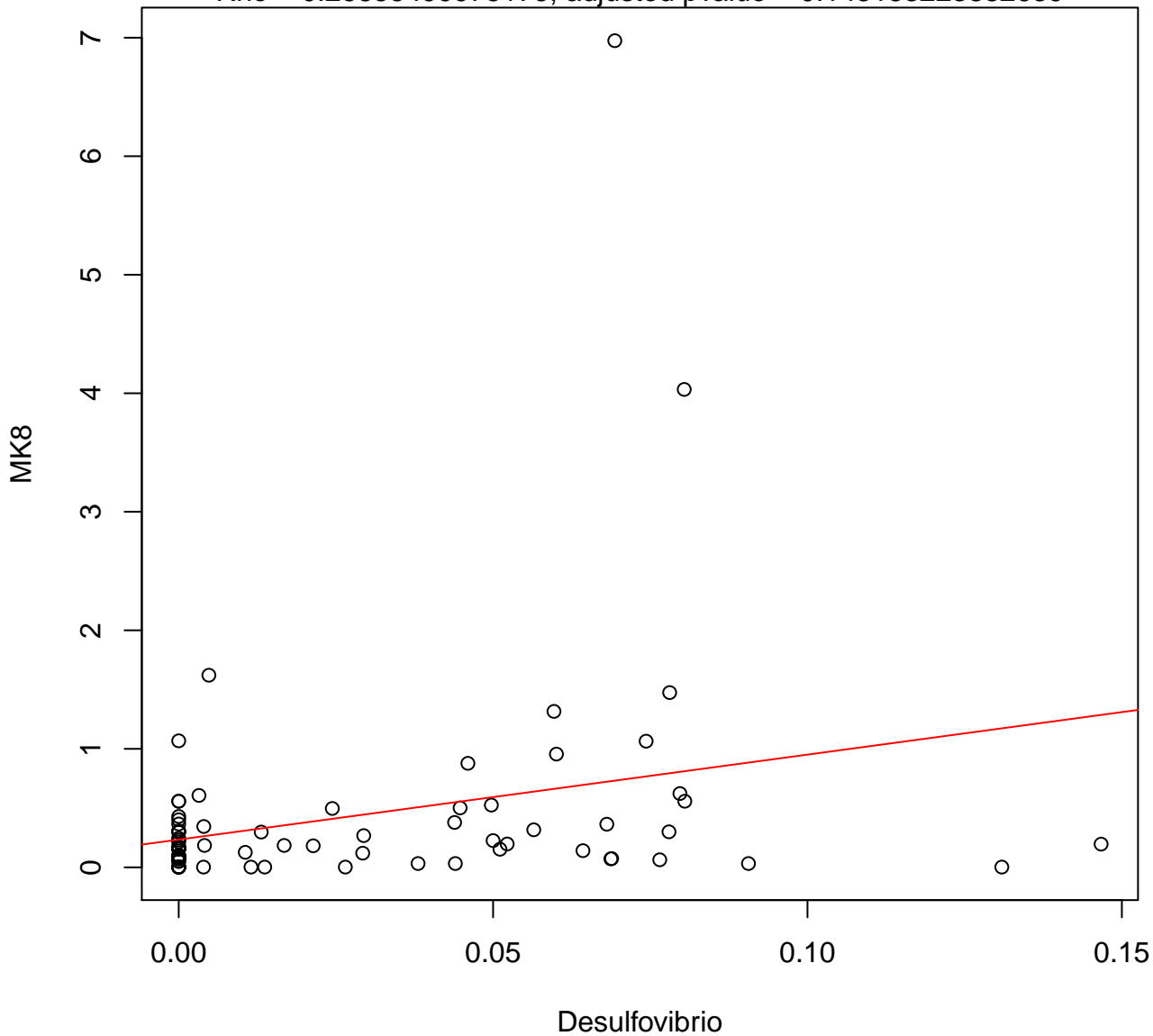
Timepoint 2 , MK7 ~ Akkermansia

Rho = 0.298856091954185, adjusted pvalue = 0.0264254450660096



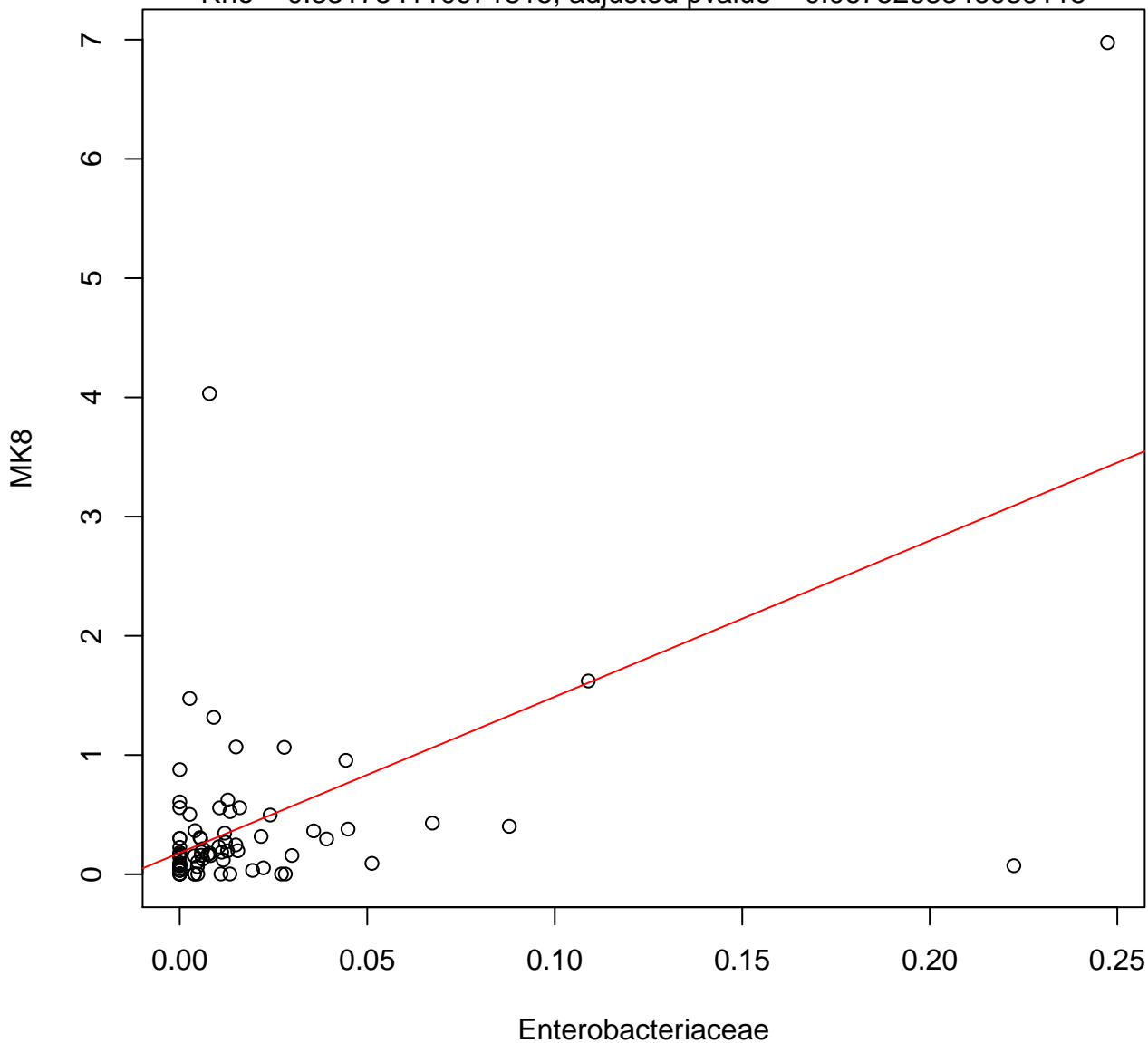
Timepoint 2 , MK8 ~ Desulfovibrio

Rho = 0.26855499975175, adjusted pvalue = 0.143153223882639



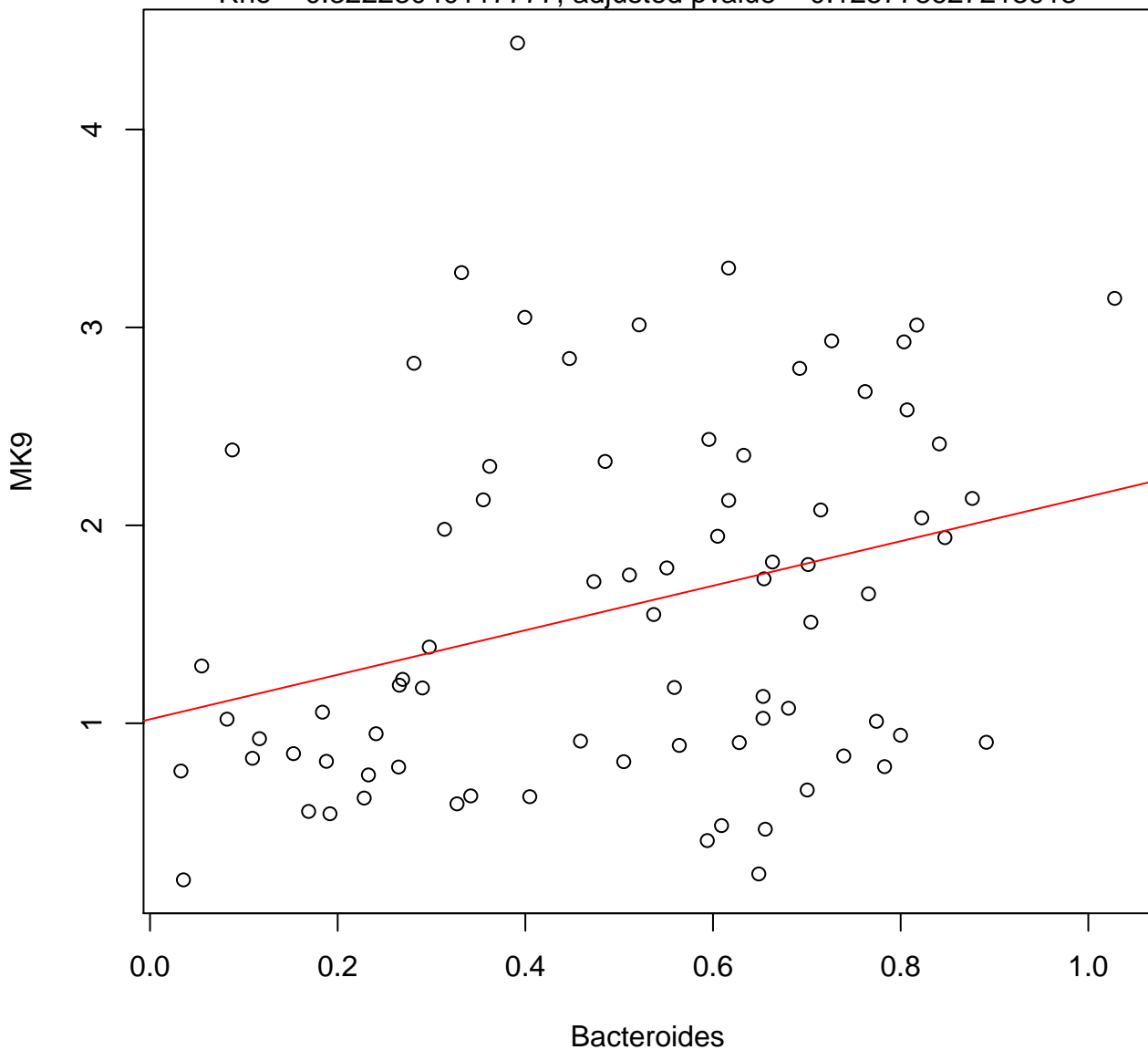
Timepoint 2 , MK8 ~ Enterobacteriaceae

Rho = 0.331754110971815, adjusted pvalue = 0.0675268346039115



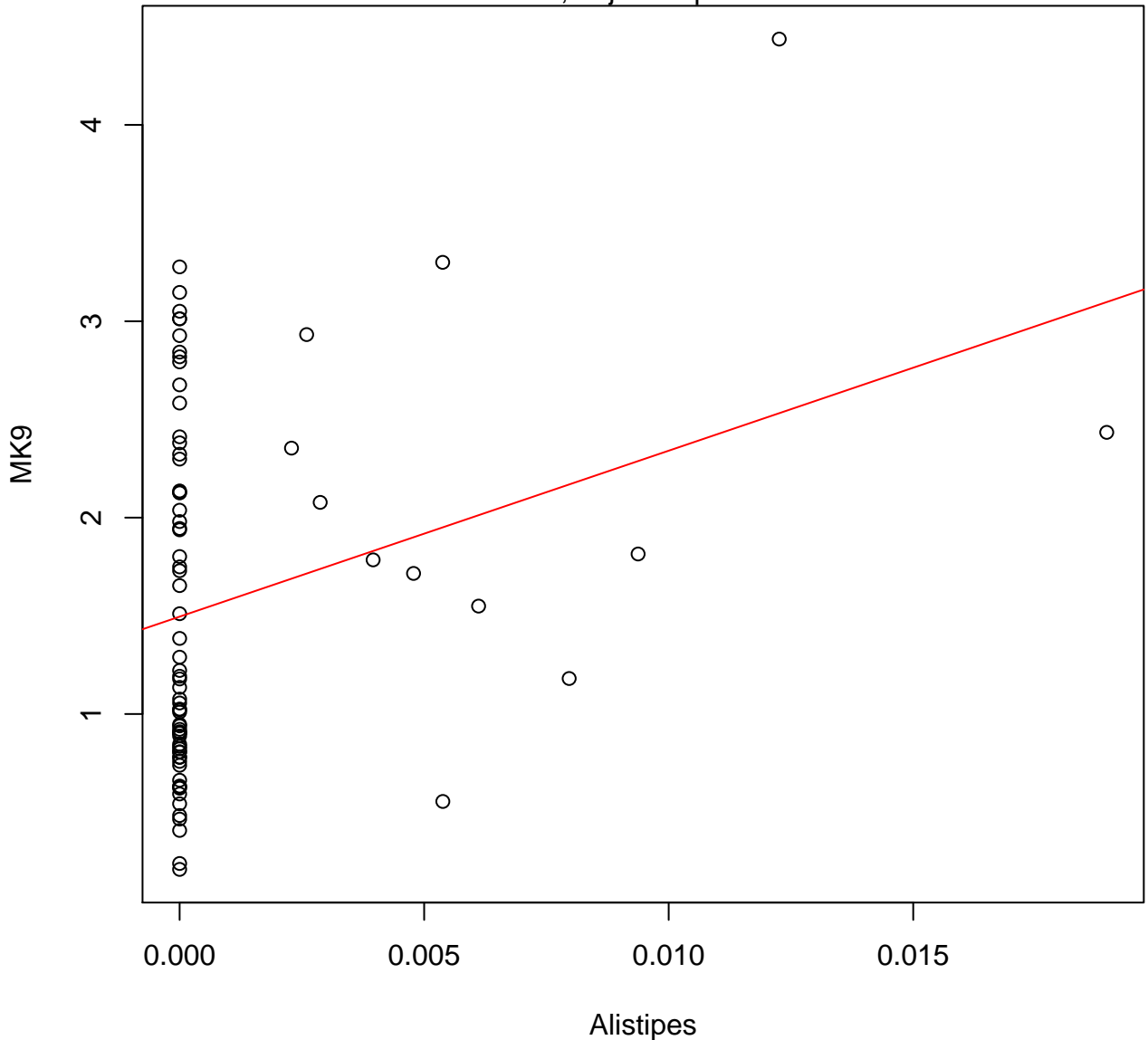
Timepoint 2 , MK9 ~ Bacteroides

Rho = 0.32223040117777, adjusted pvalue = 0.125778627213913



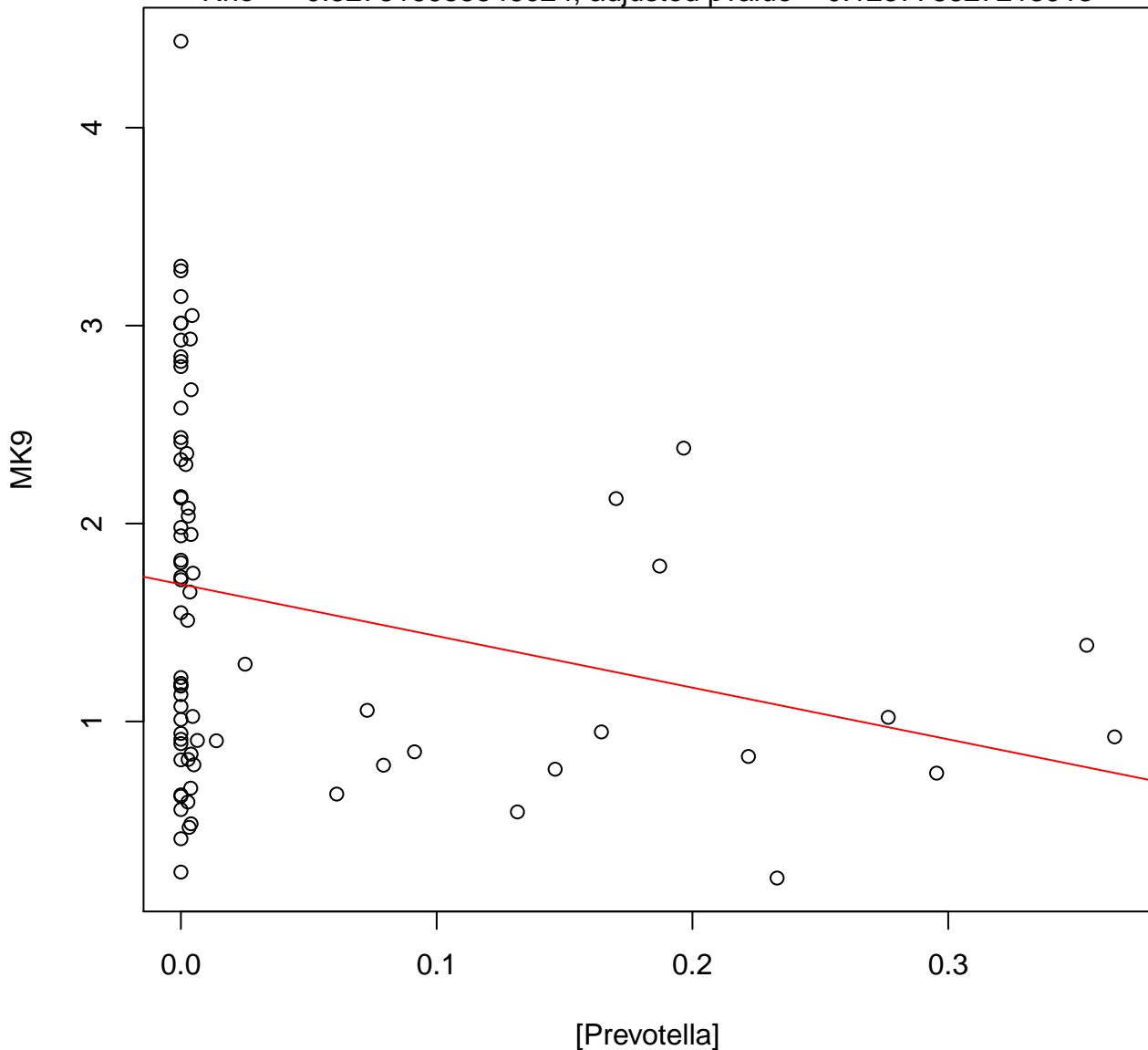
Timepoint 2 , MK9 ~ Alistipes

Rho = 0.250290683098033, adjusted pvalue = 0.207473469547175



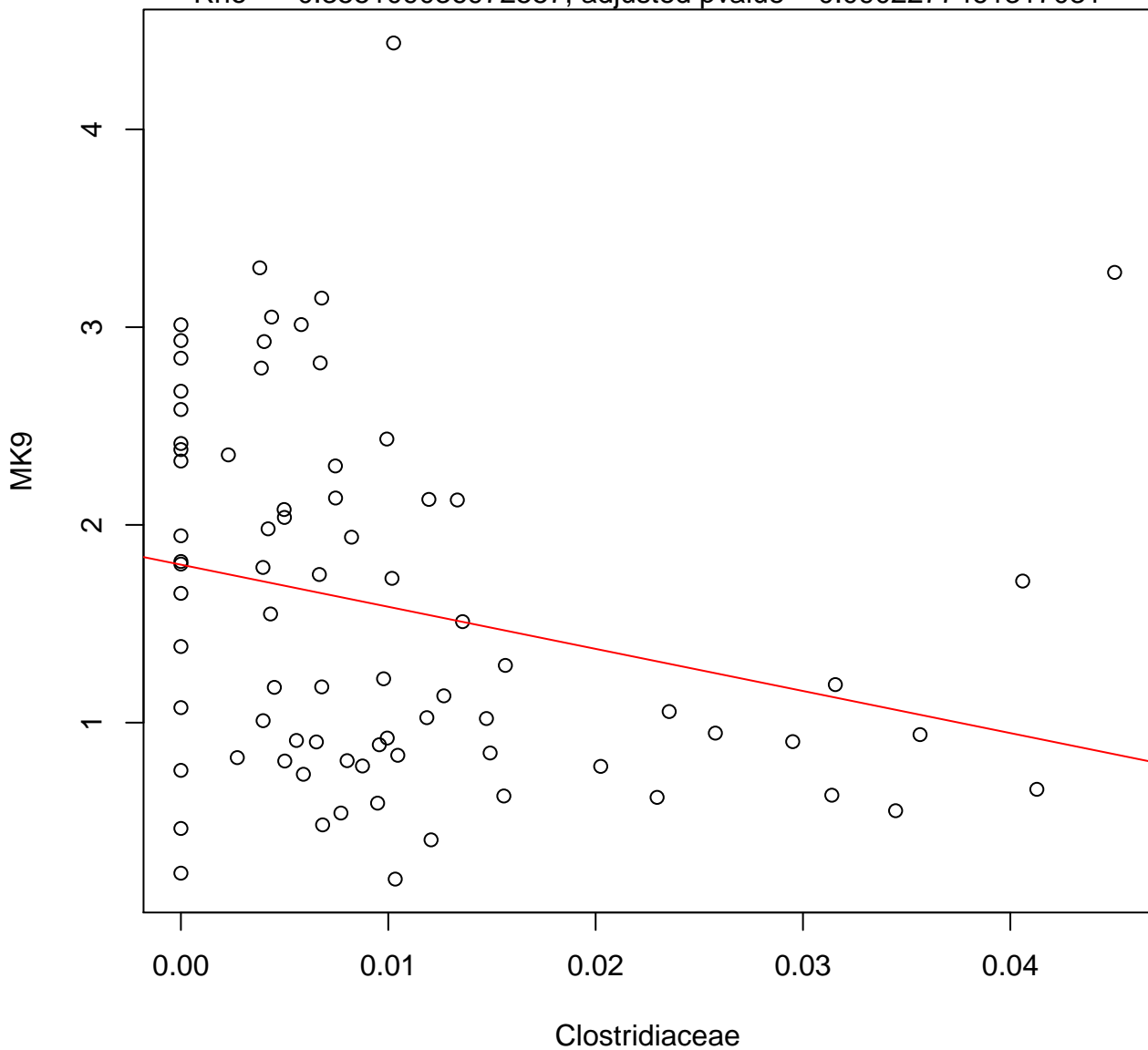
Timepoint 2 , MK9 ~ [Prevotella]

Rho = -0.327516955546024, adjusted pvalue = 0.125778627213913



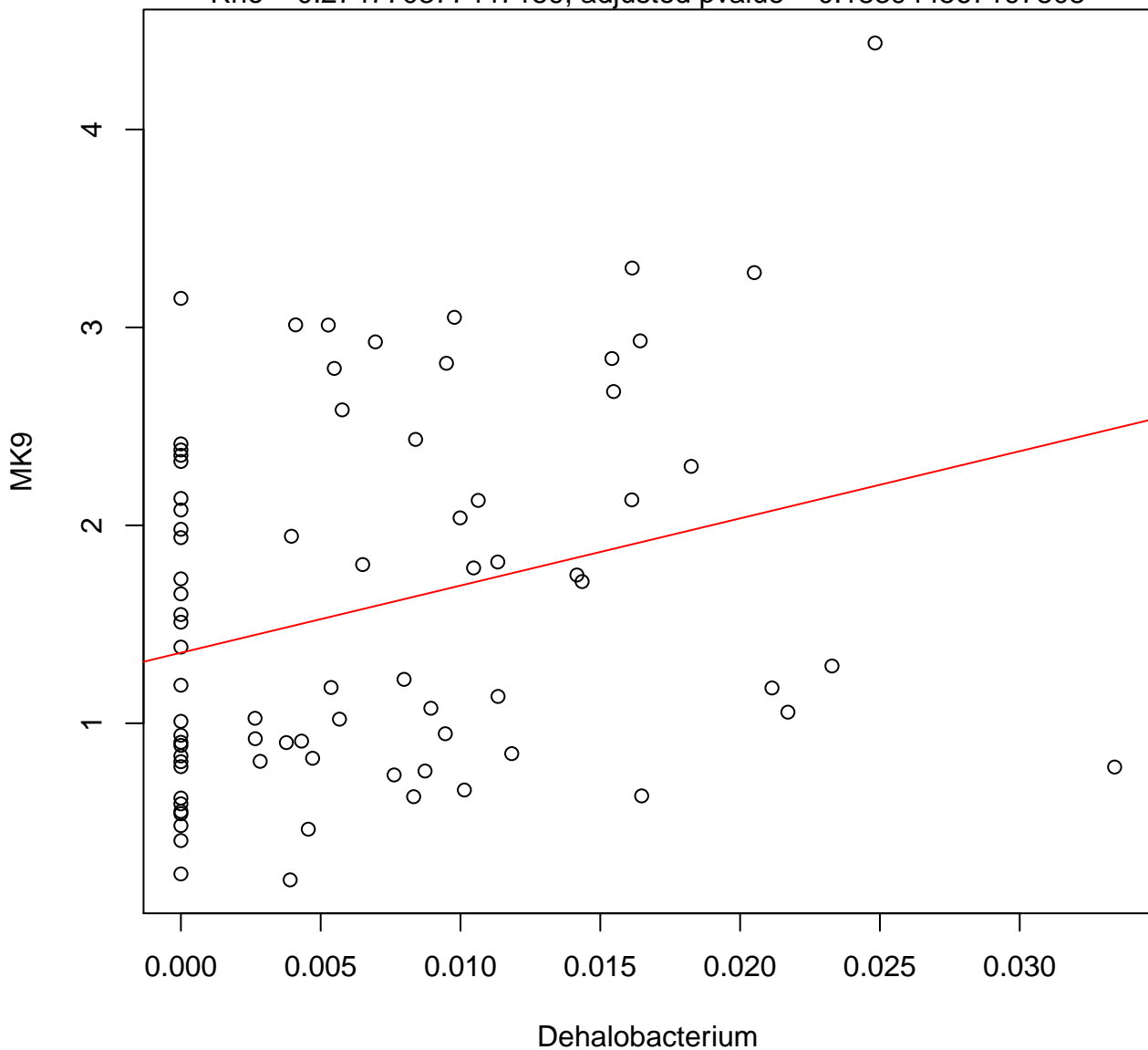
Timepoint 2 , MK9 ~ Clostridiaceae

Rho = -0.355109036972557 , adjusted pvalue = 0.0902277461317031



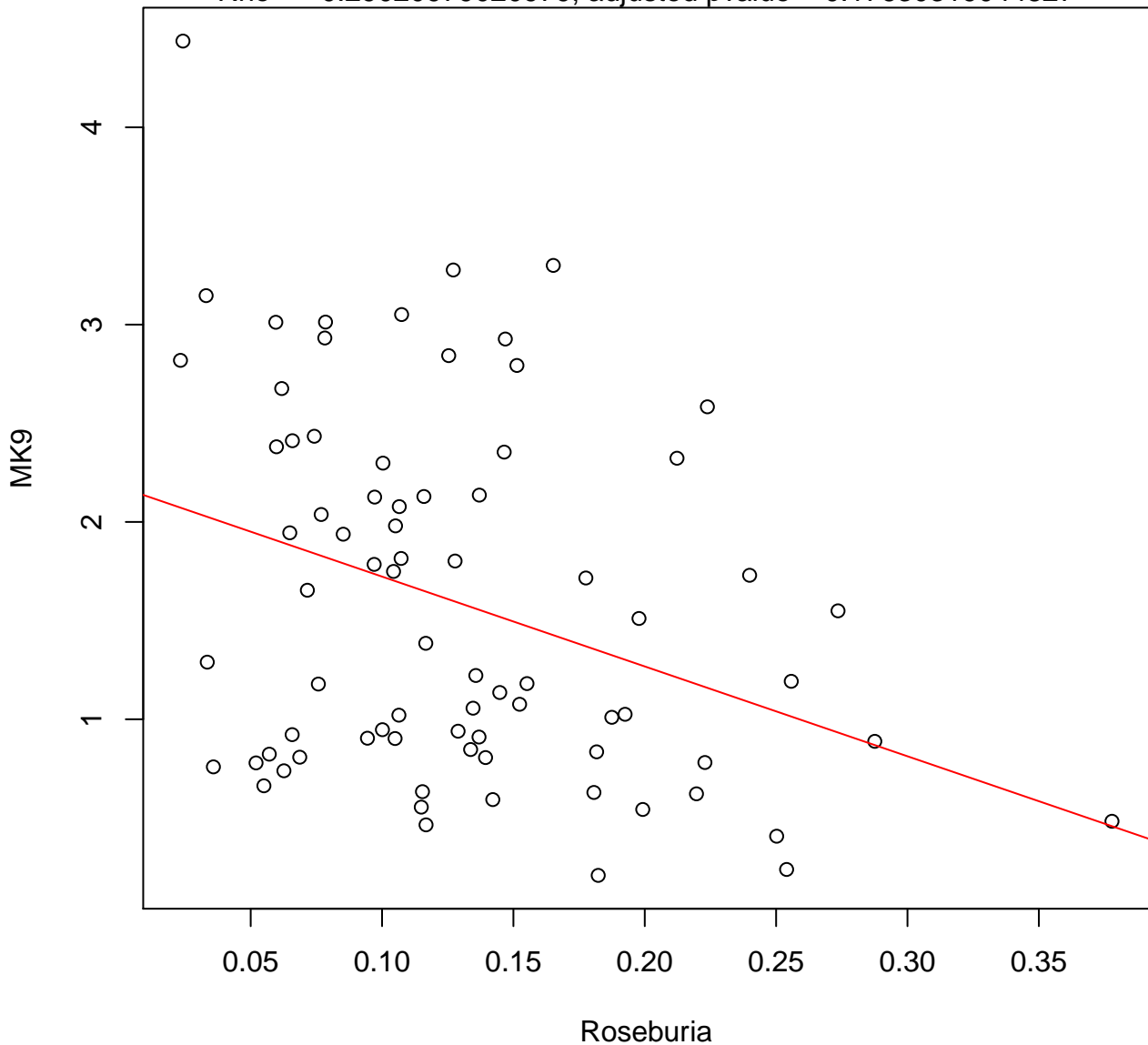
Timepoint 2 , MK9 ~ Dehalobacterium

Rho = 0.274770377447159, adjusted pvalue = 0.183944567197808



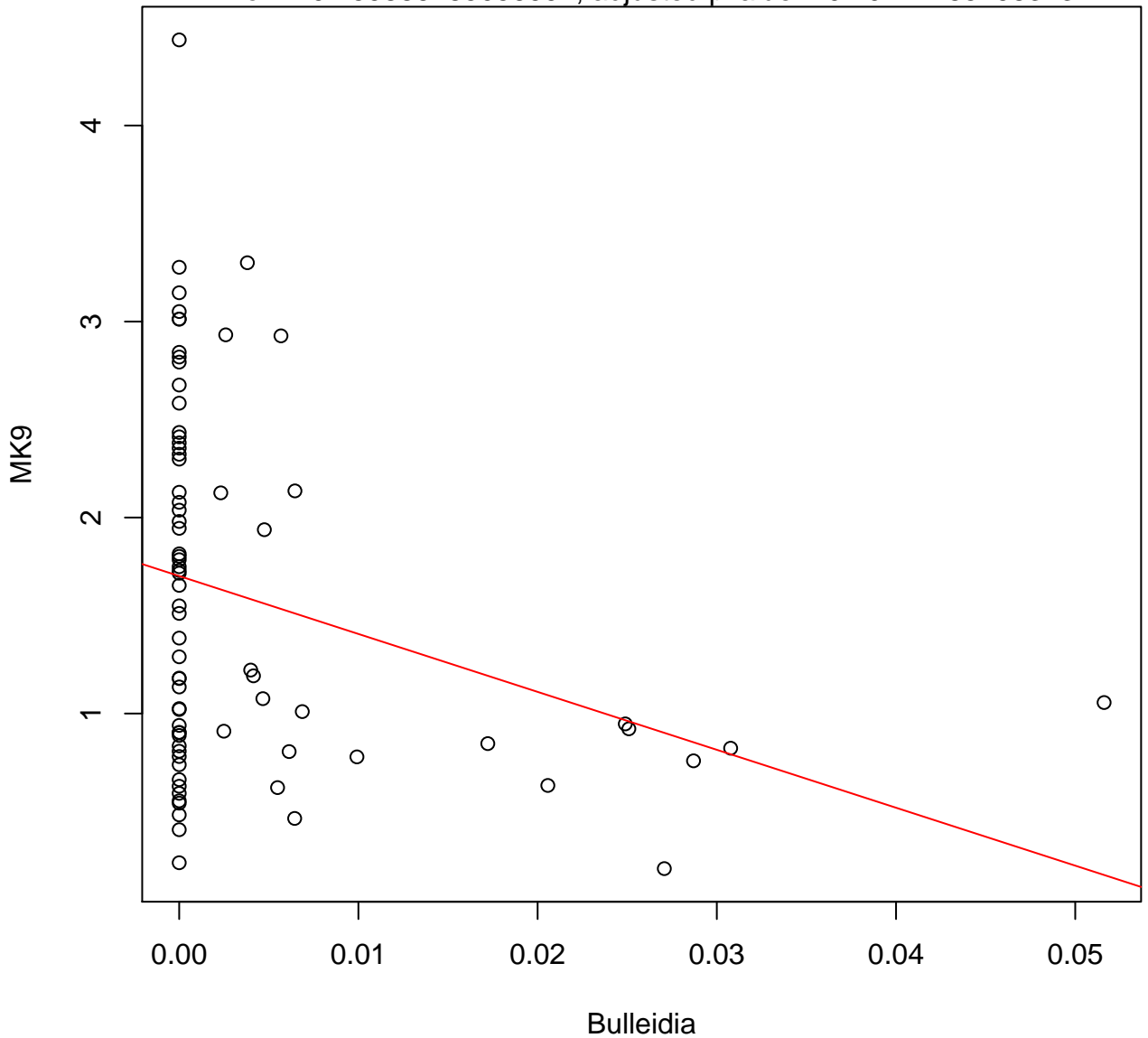
Timepoint 2 , MK9 ~ Roseburia

Rho = -0.29020979020979 , adjusted pvalue = 0.17630319044827



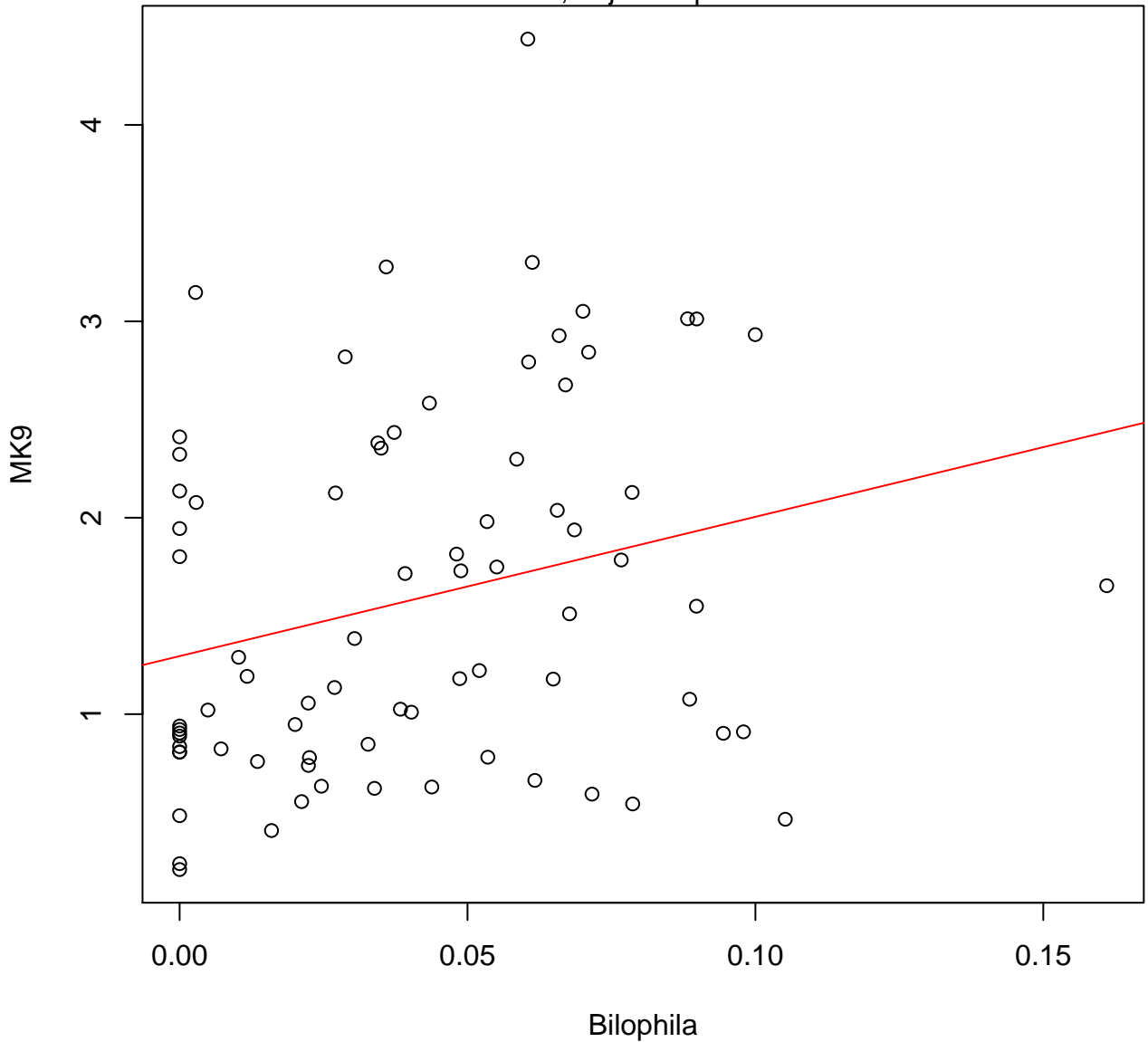
Timepoint 2 , MK9 ~ Bulleidia

Rho = -0.259886785056992 , adjusted pvalue = 0.20727485498323



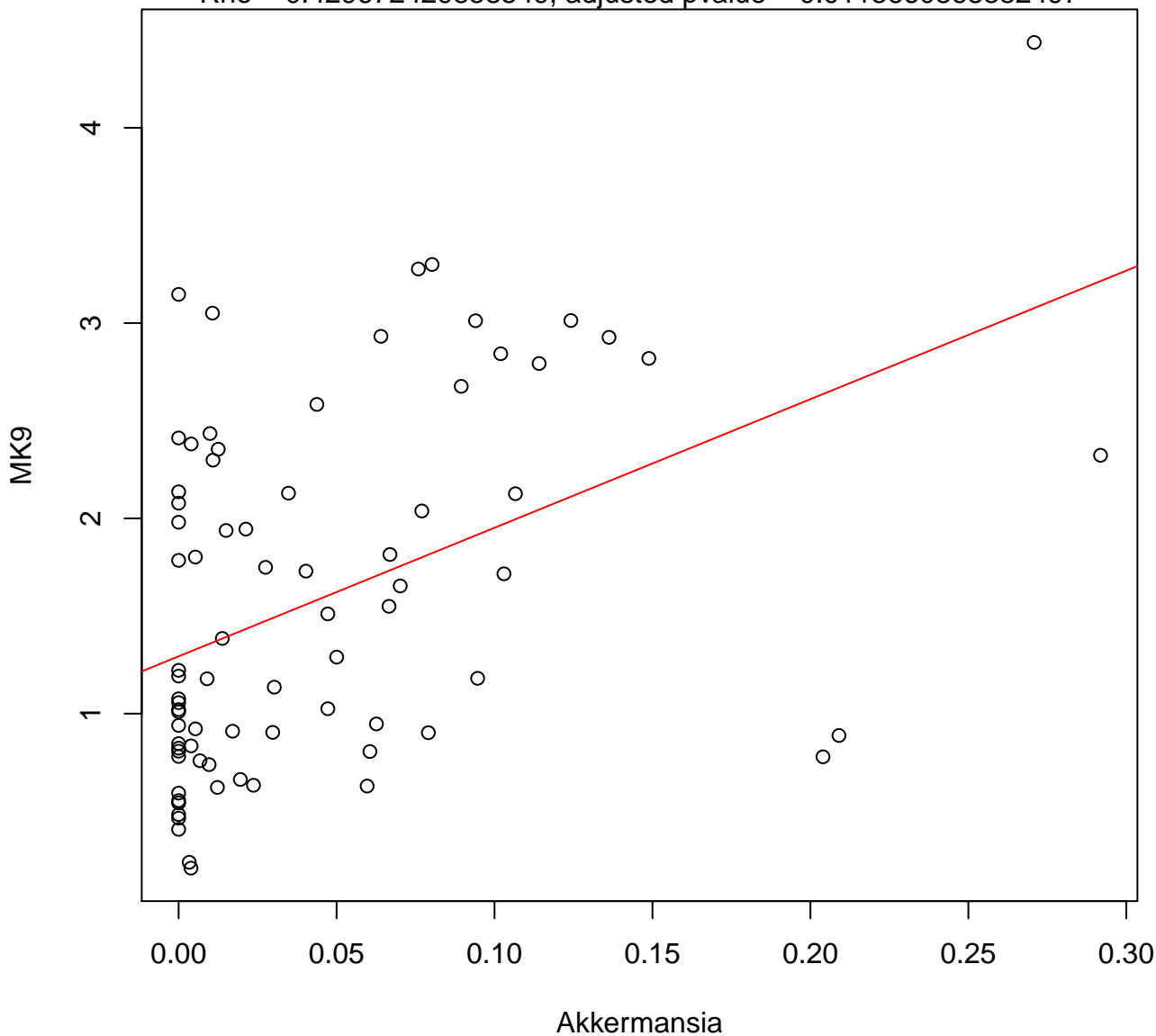
Timepoint 2 , MK9 ~ Bilophila

Rho = 0.280834677844804, adjusted pvalue = 0.183944567197808



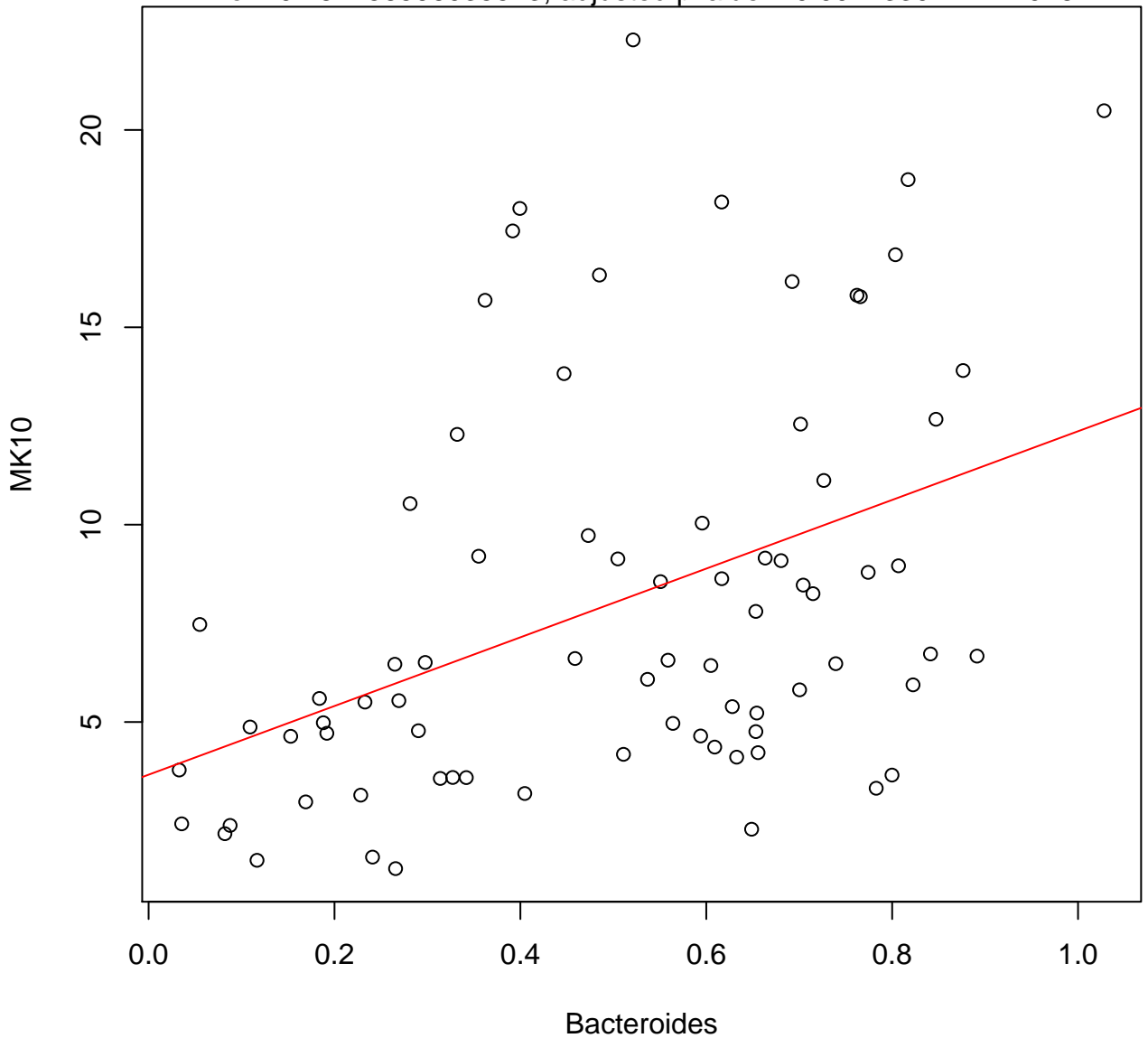
Timepoint 2 , MK9 ~ Akkermansia

Rho = 0.429672429858549, adjusted pvalue = 0.0113660363382497



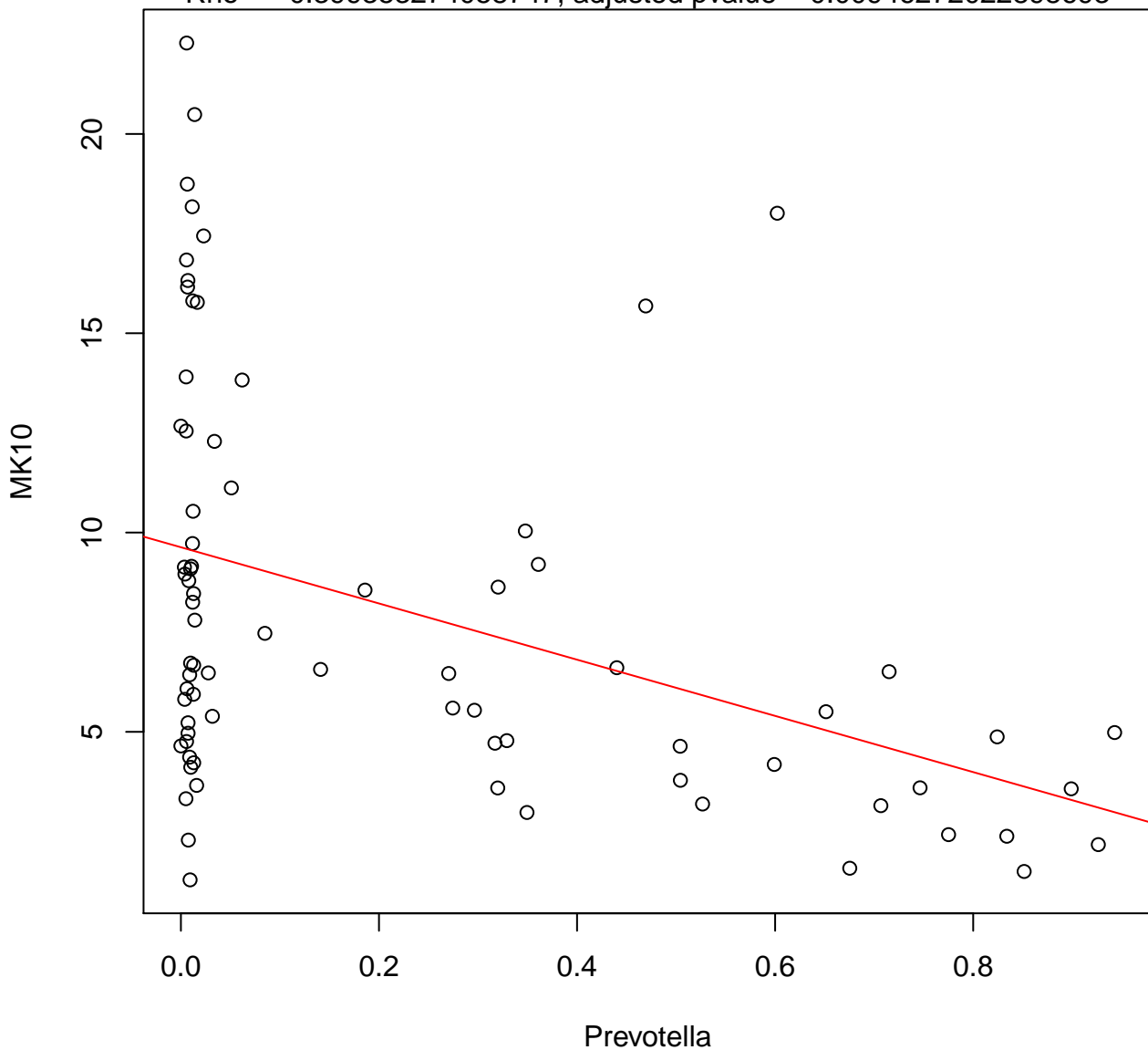
Timepoint 2 , MK10 ~ Bacteroides

Rho = 0.464456596035543, adjusted pvalue = 0.00123304714170467



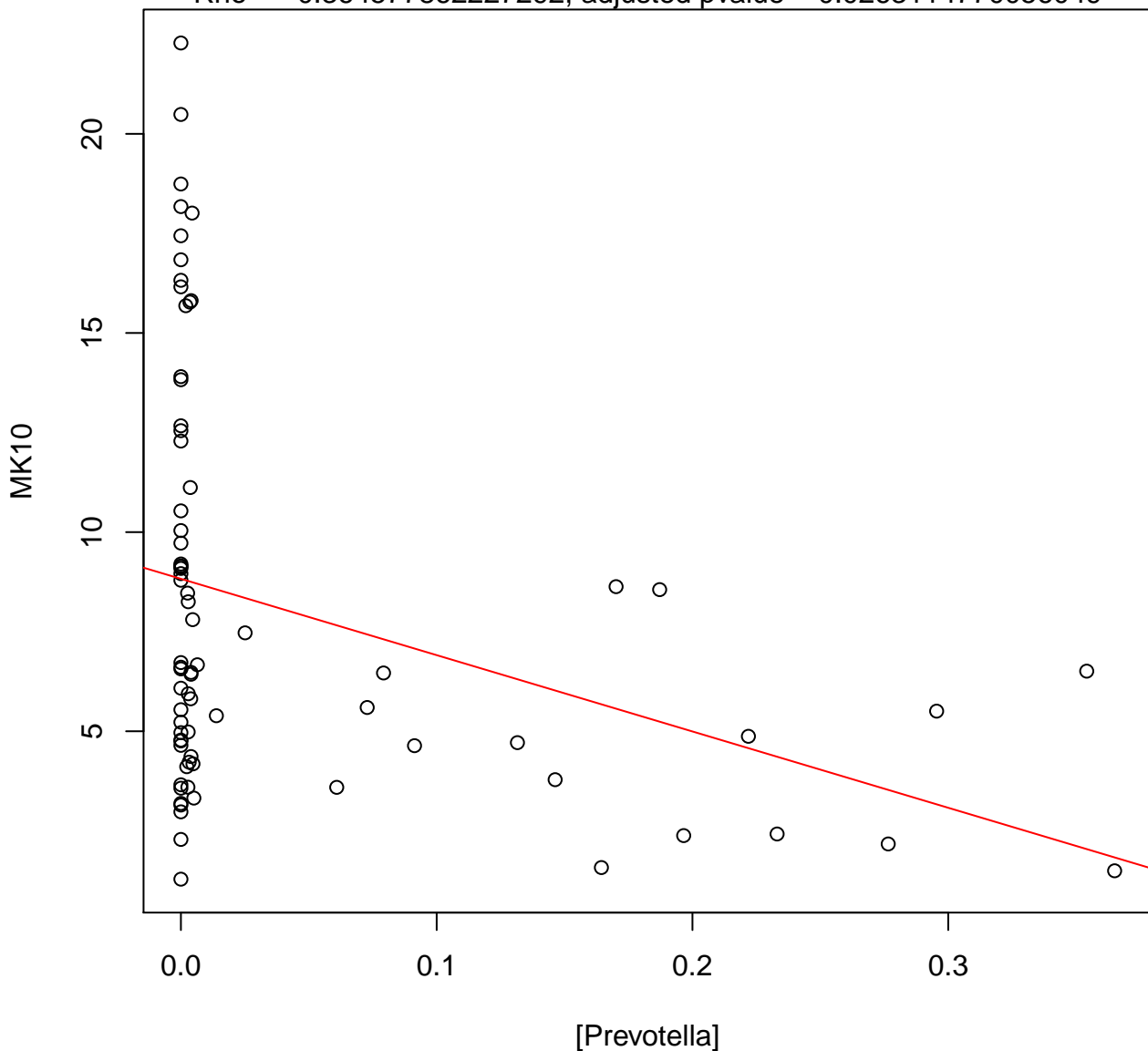
Timepoint 2 , MK10 ~ Prevotella

Rho = -0.399353274058747 , adjusted pvalue = 0.00946272022898693



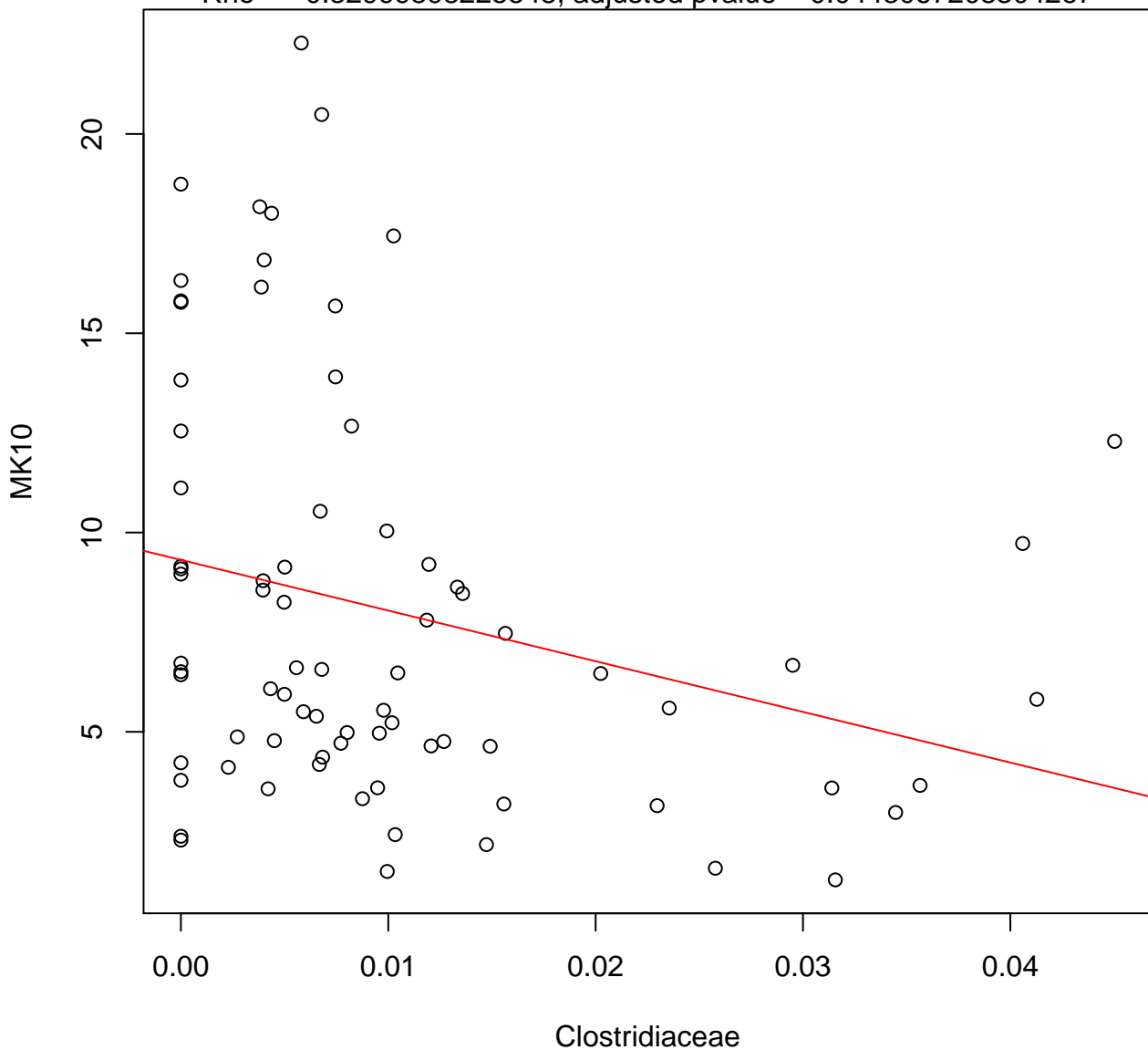
Timepoint 2 , MK10 ~ [Prevotella]

Rho = -0.364577862227292 , adjusted pvalue = 0.0263114770056049



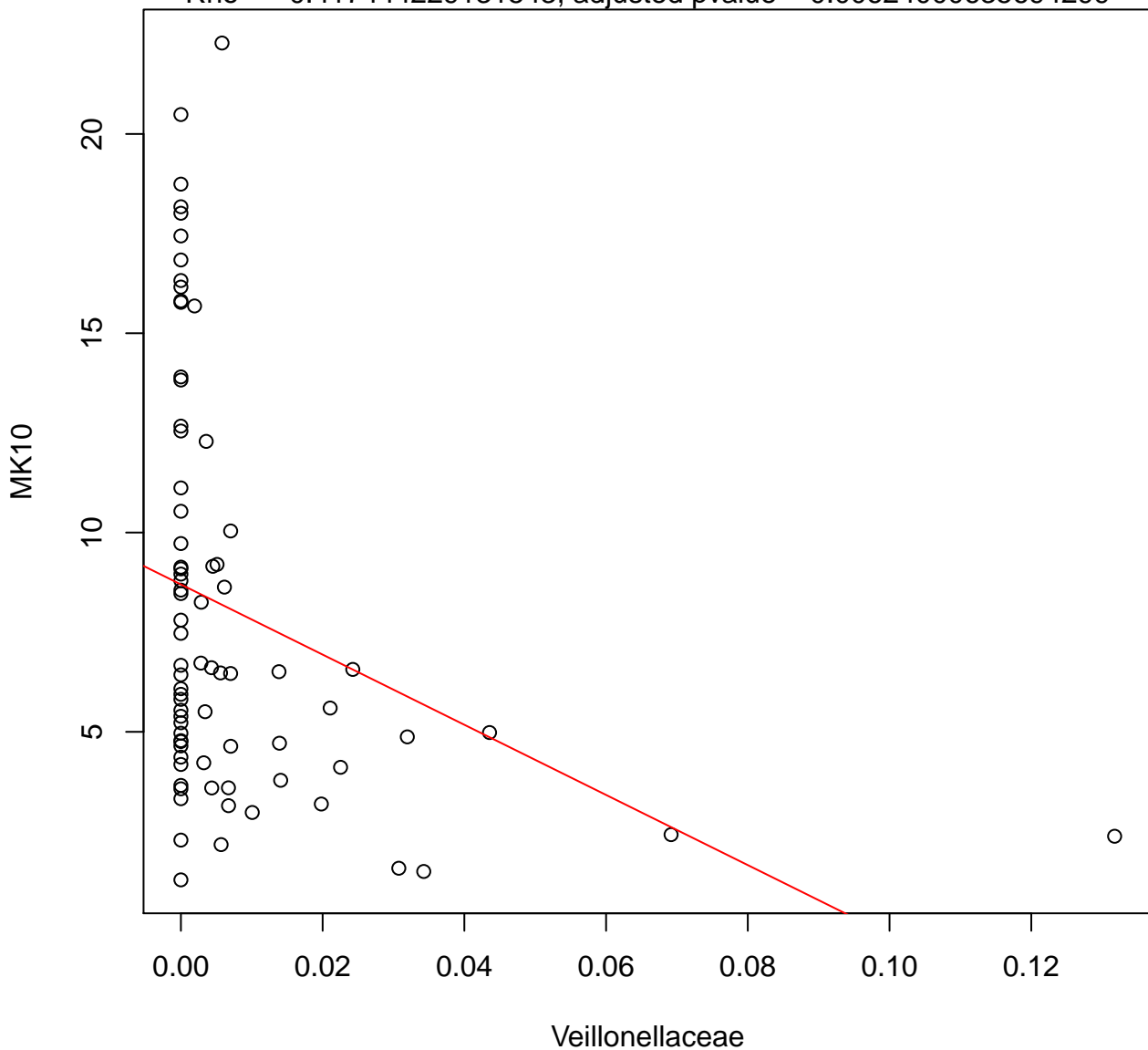
Timepoint 2 , MK10 ~ Clostridiaceae

Rho = -0.32999898225548 , adjusted pvalue = 0.0443067208304267



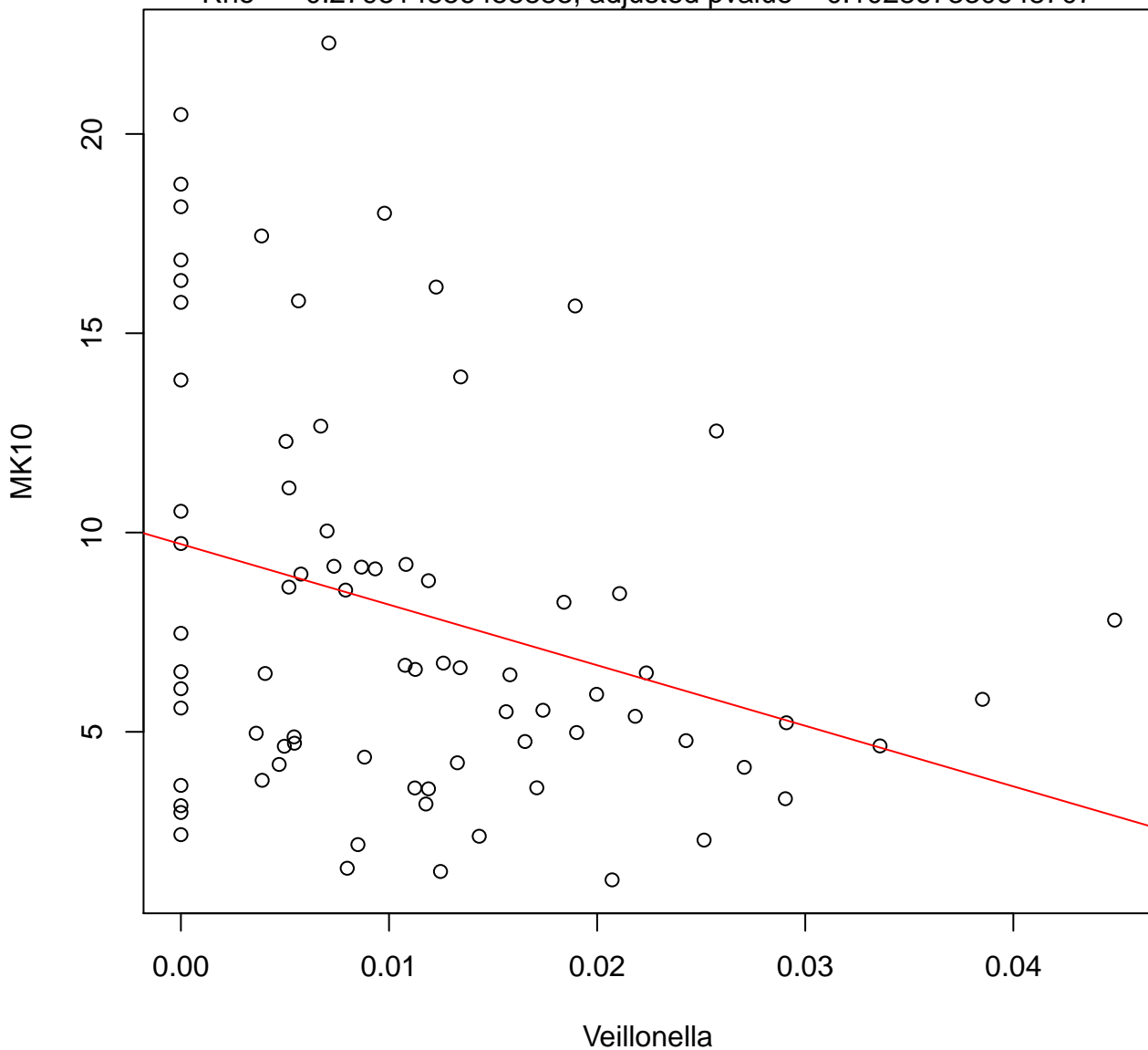
Timepoint 2 , MK10 ~ Veillonellaceae

Rho = -0.417444229131543 , adjusted pvalue = 0.00624000635694299



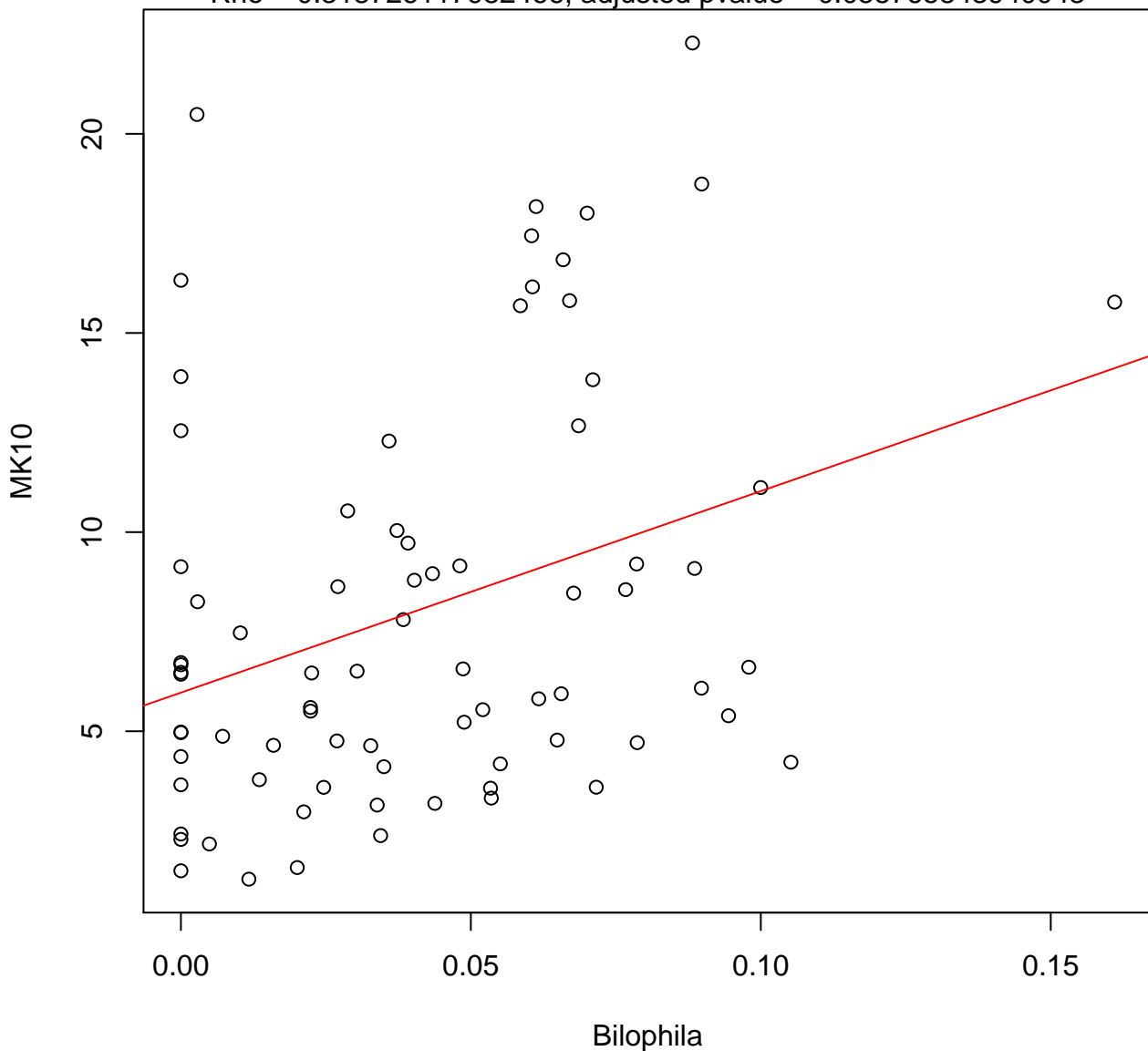
Timepoint 2 , MK10 ~ Veillonella

Rho = -0.279514556455883 , adjusted pvalue = 0.102867330648707



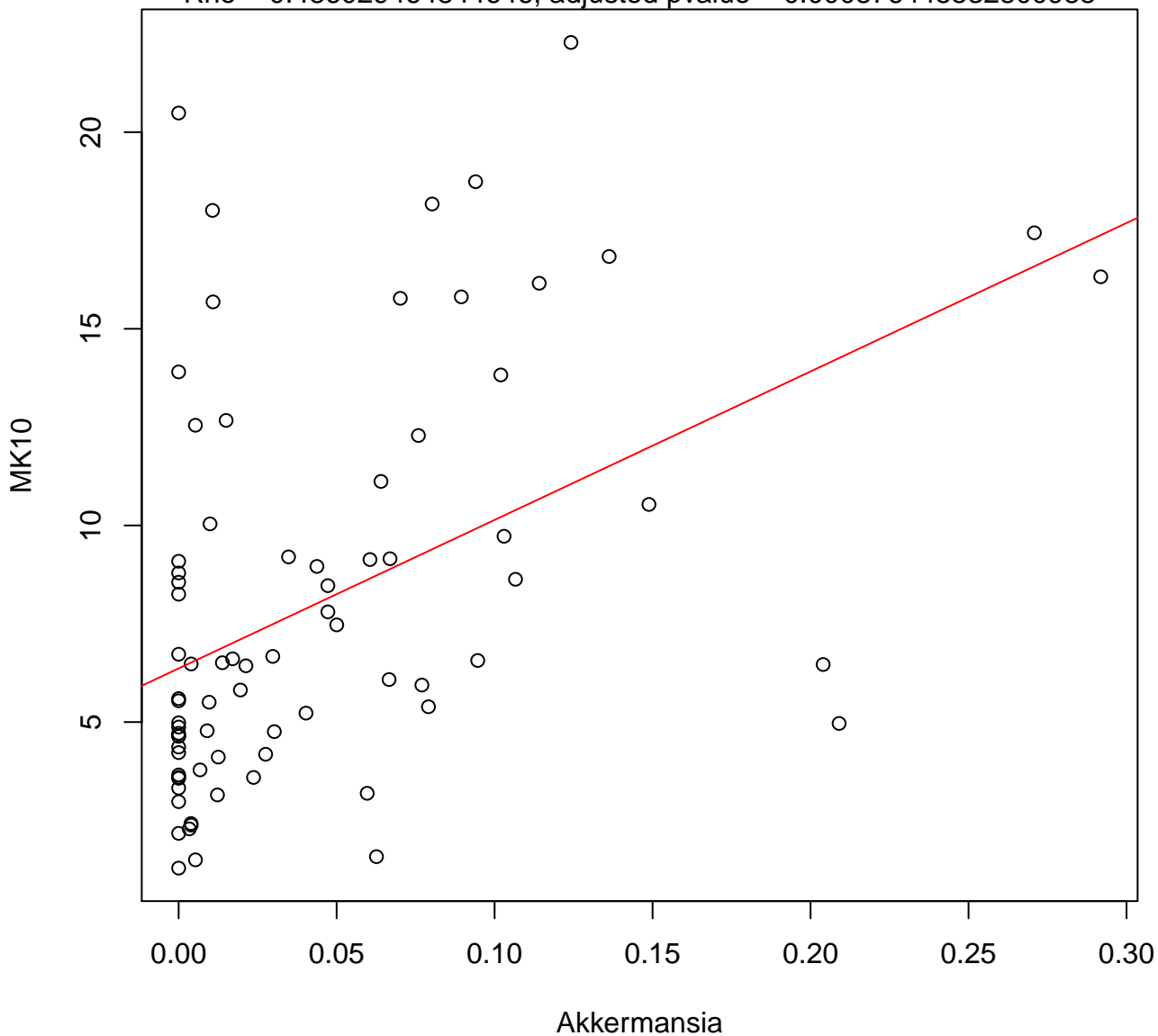
Timepoint 2 , MK10 ~ Bilophila

Rho = 0.318726117982466, adjusted pvalue = 0.055765843940043



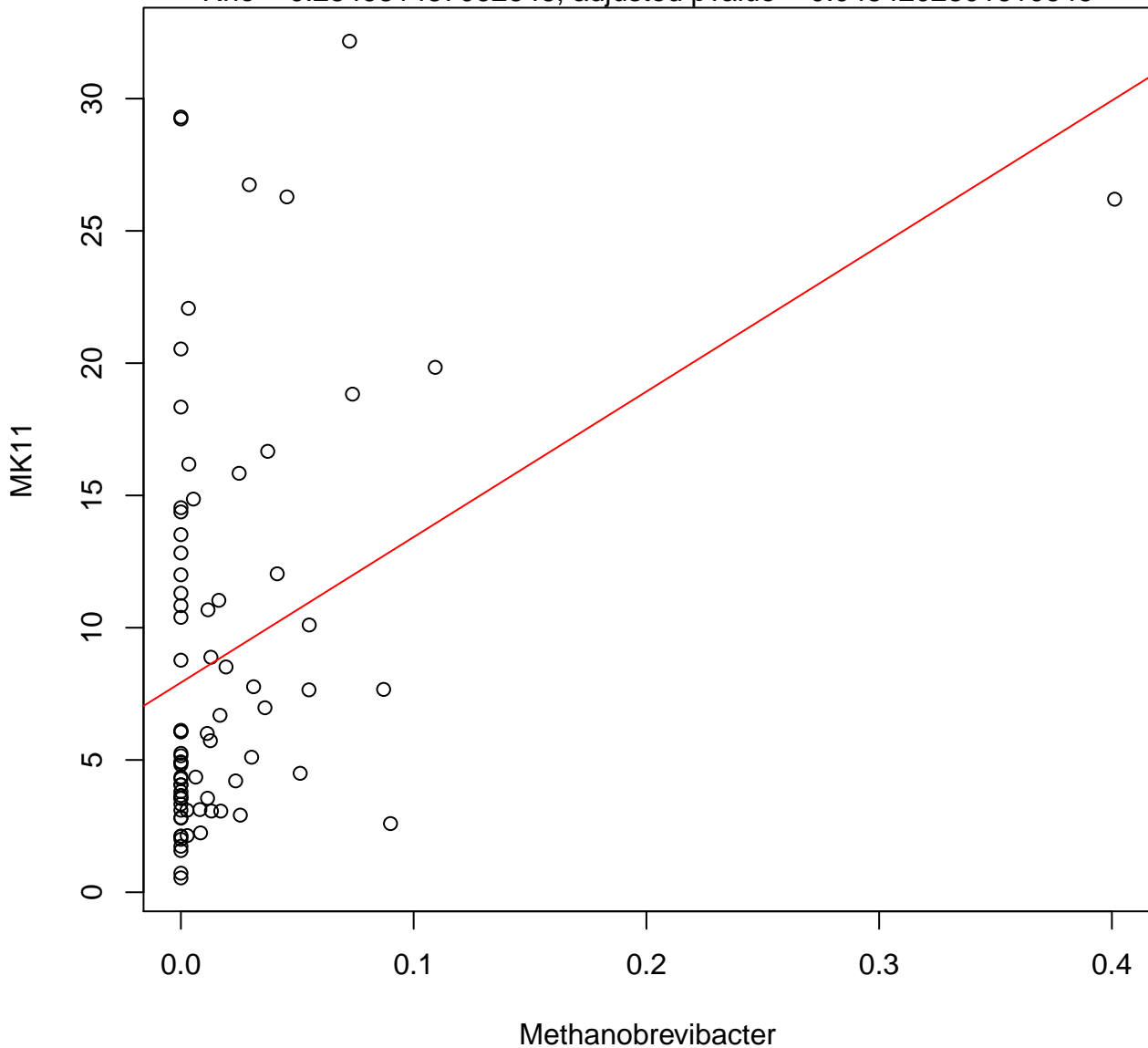
Timepoint 2 , MK10 ~ Akkermansia

Rho = 0.486029464844646, adjusted pvalue = 0.000876445532800988



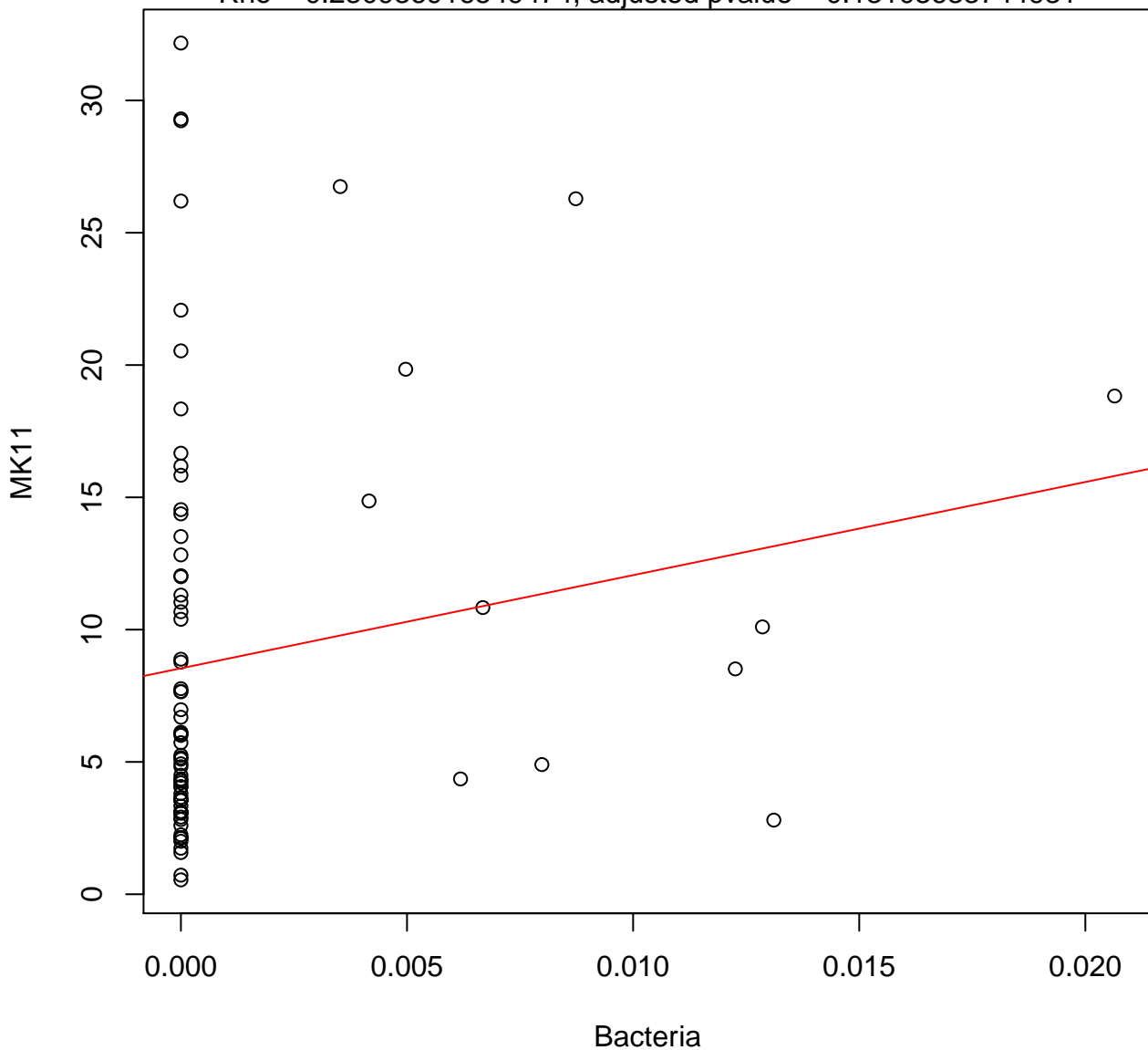
Timepoint 2 , MK11 ~ Methanobrevibacter

Rho = 0.284981487062646, adjusted pvalue = 0.0484202801610646



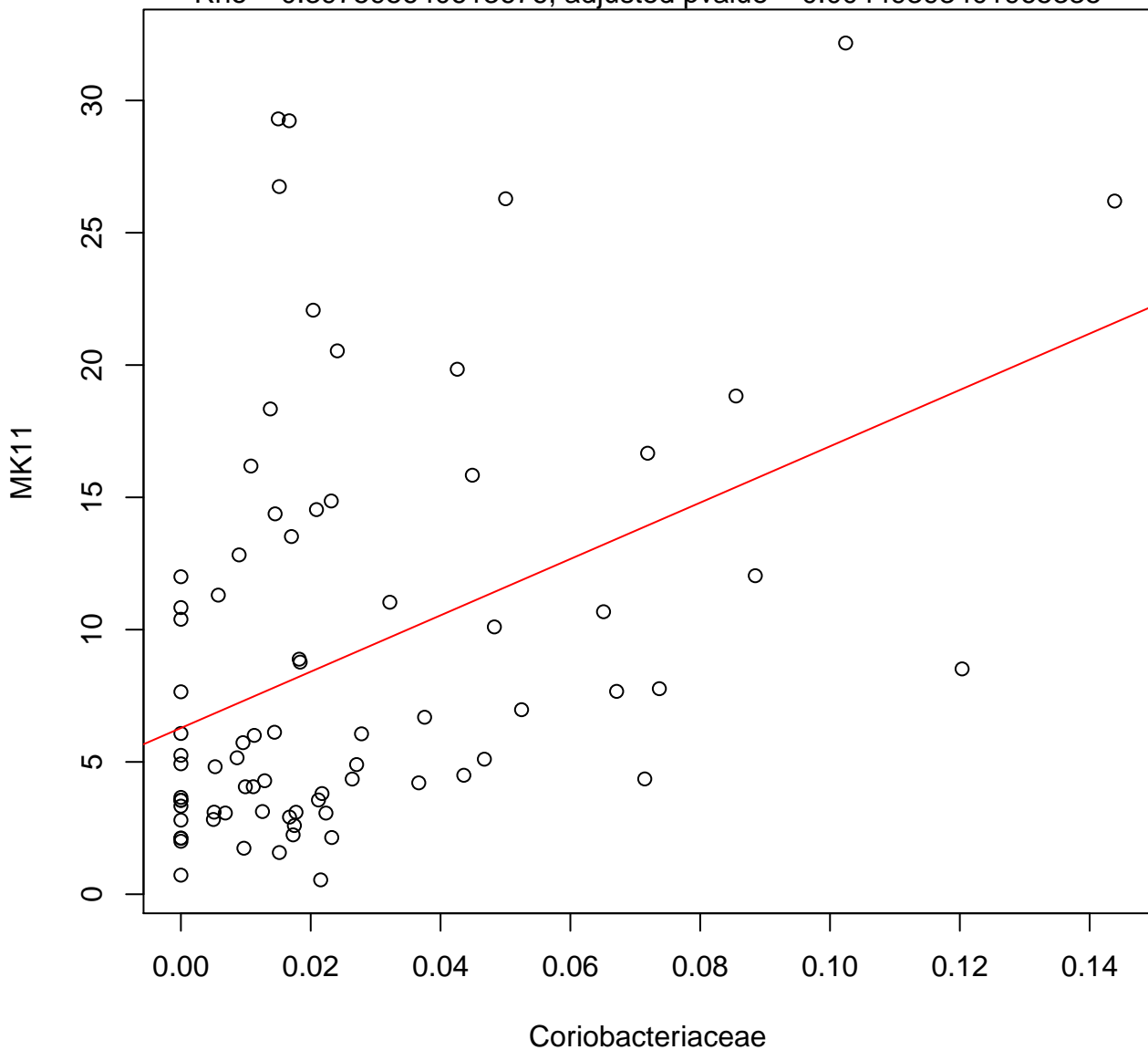
Timepoint 2 , MK11 ~ Bacteria

Rho = 0.230936916549474, adjusted pvalue = 0.13103633744931



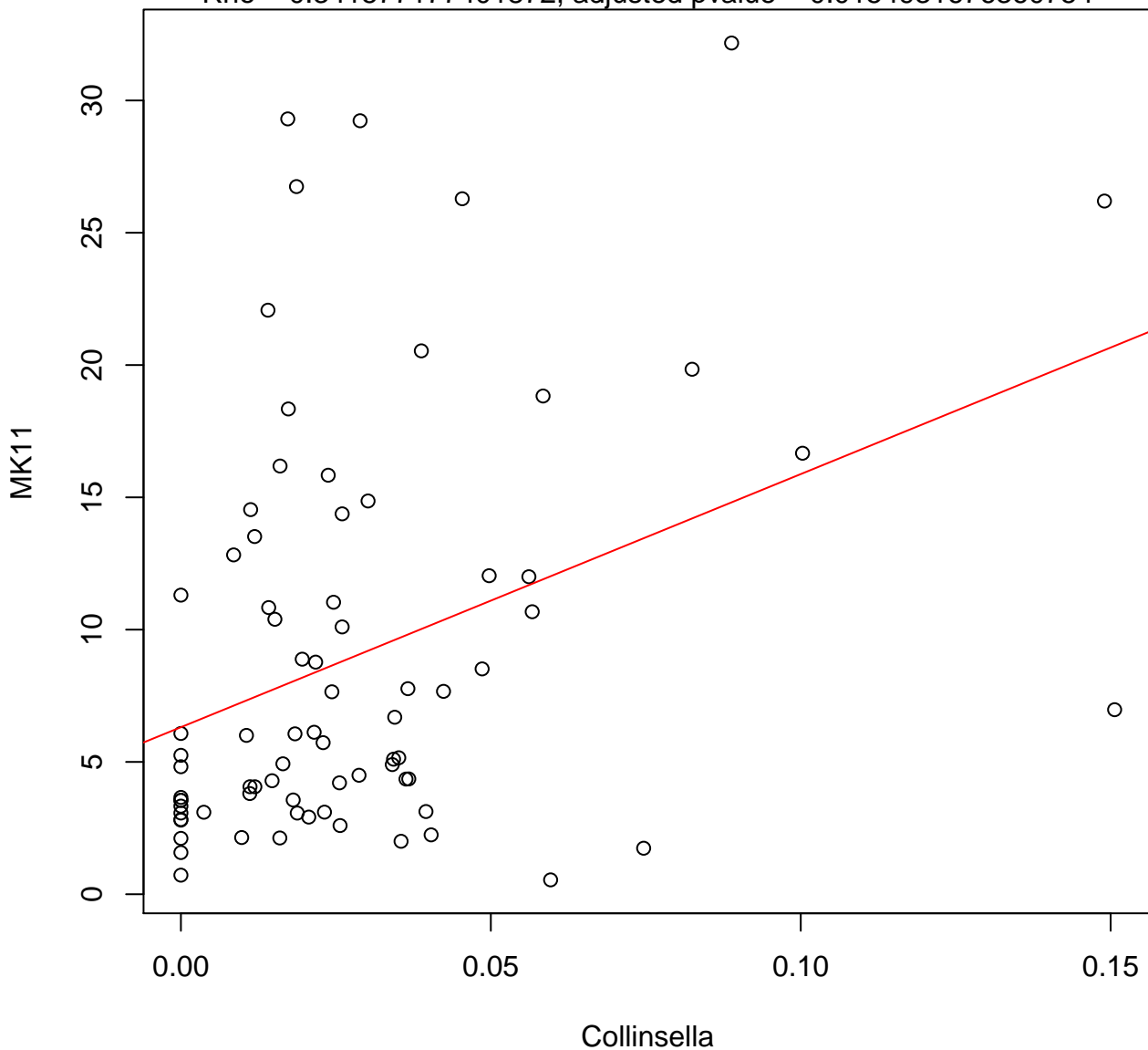
Timepoint 2 , MK11 ~ Coriobacteriaceae

Rho = 0.397595640613676, adjusted pvalue = 0.00449393401965335



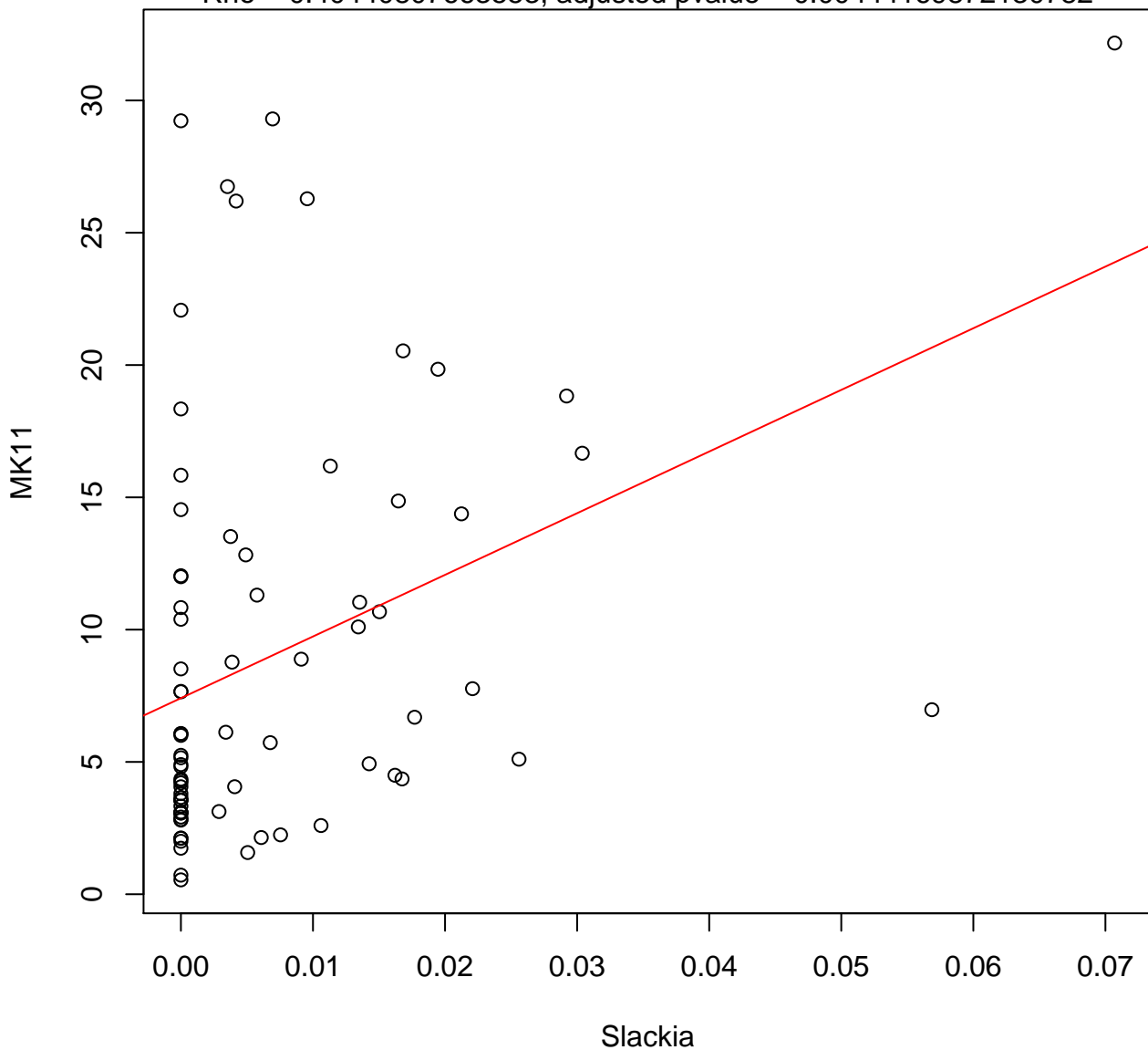
Timepoint 2 , MK11 ~ Collinsella

Rho = 0.341577177401872, adjusted pvalue = 0.0154931676360754



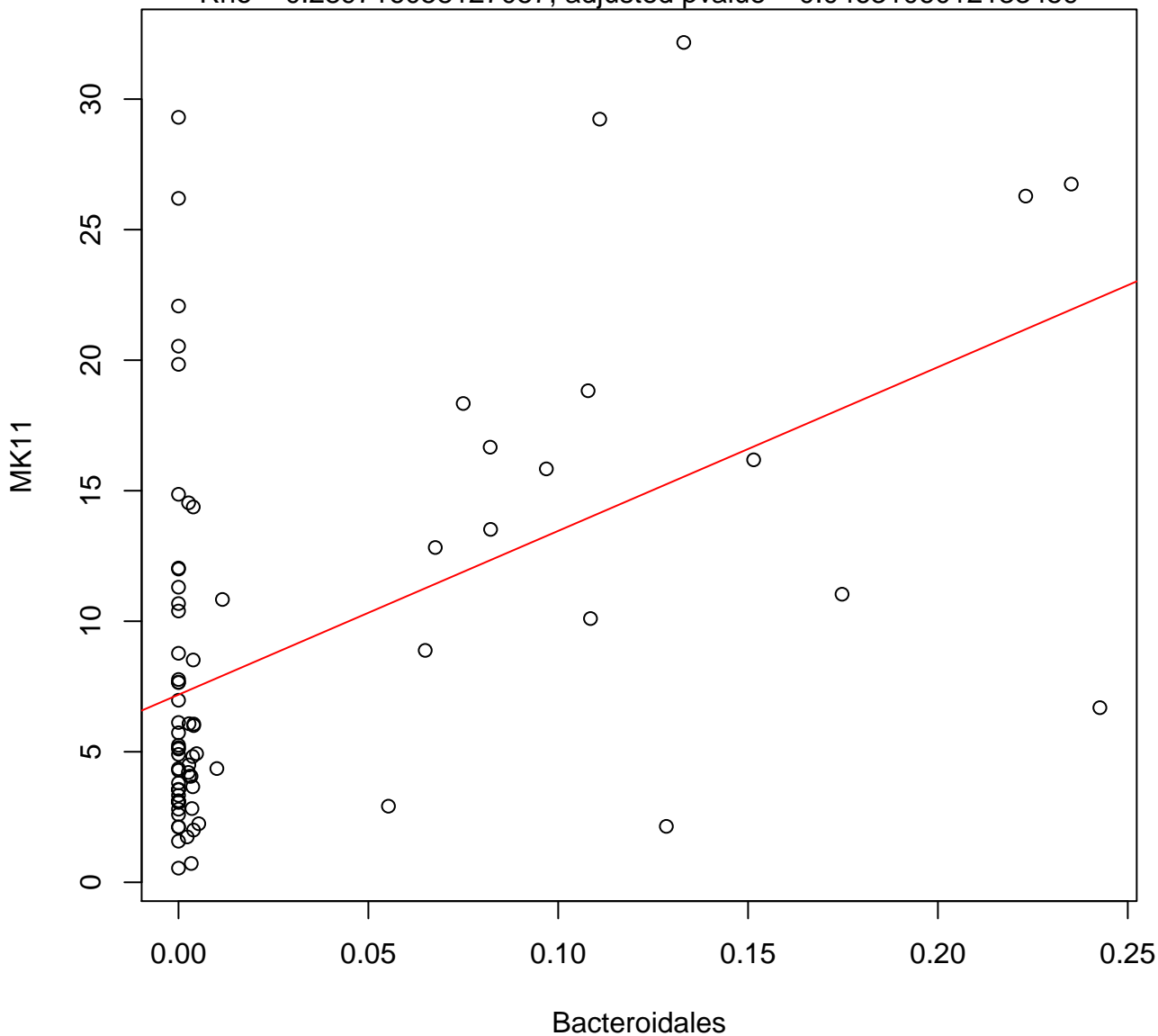
Timepoint 2 , MK11 ~ Slackia

Rho = 0.40440807663553, adjusted pvalue = 0.00444169872130782



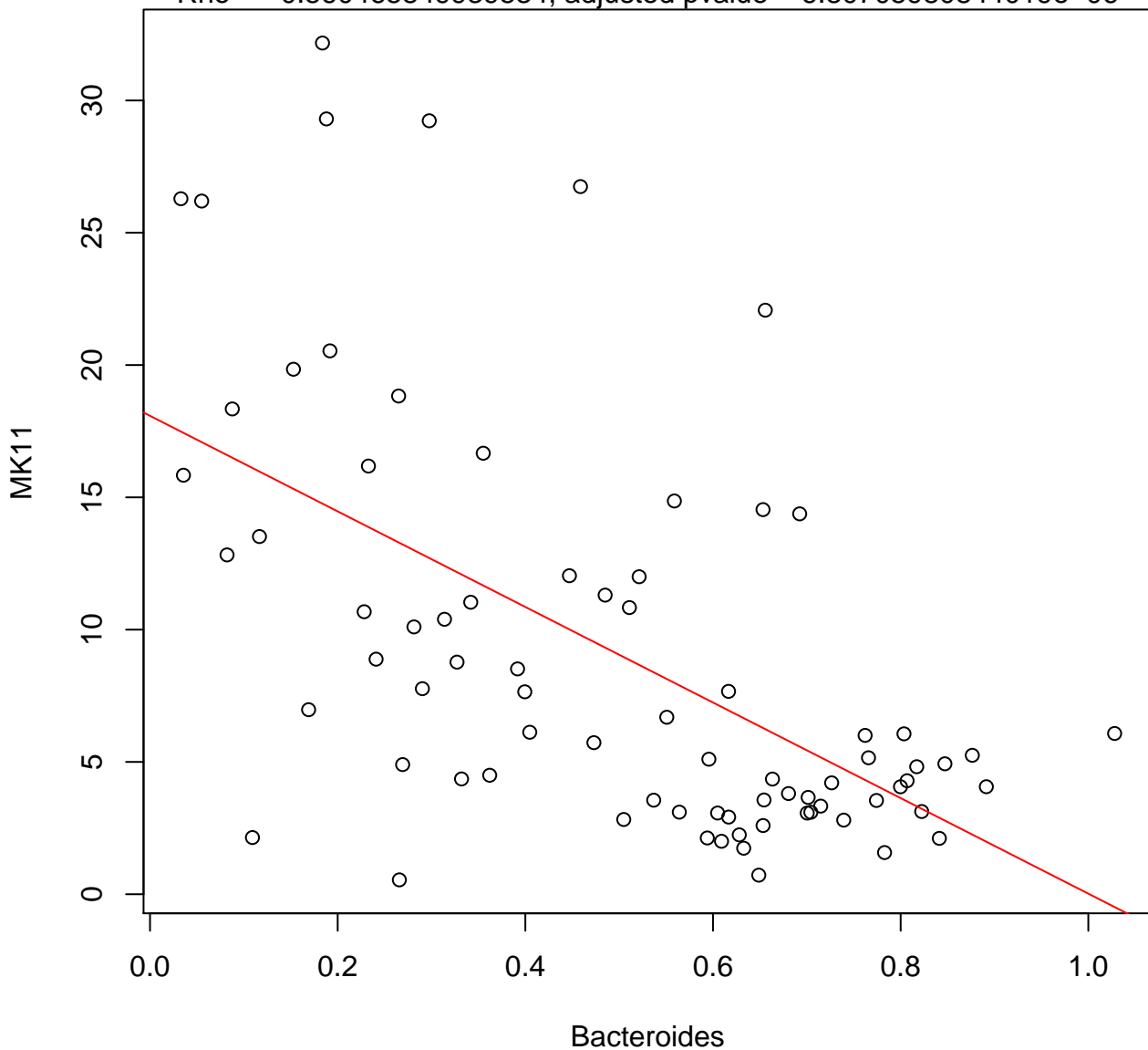
Timepoint 2 , MK11 ~ Bacteroidales

Rho = 0.289716058127057, adjusted pvalue = 0.0463106012133459



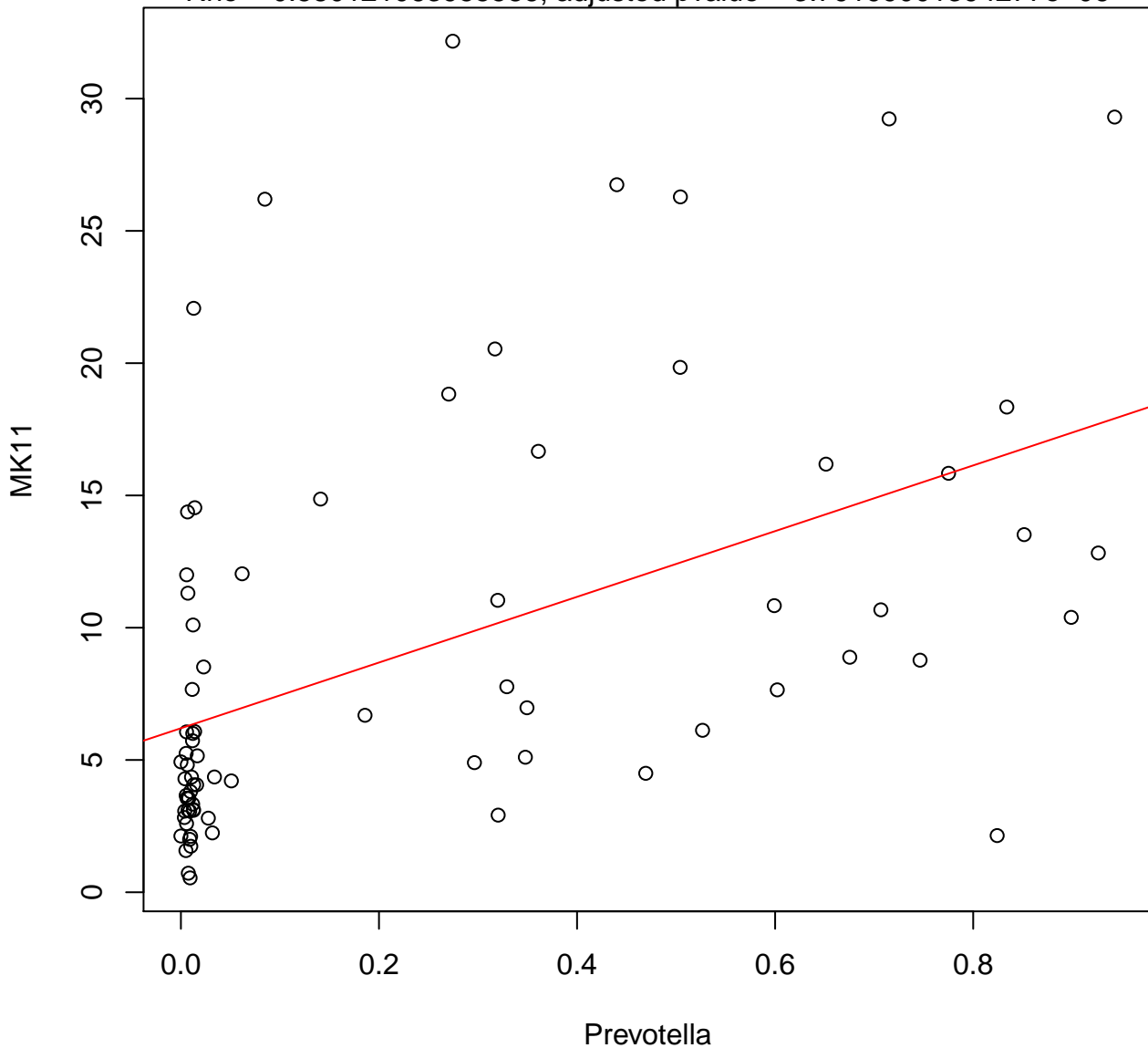
Timepoint 2 , MK11 ~ Bacteroides

Rho = -0.560465849939534 , adjusted pvalue = $6.80705980844019e-06$



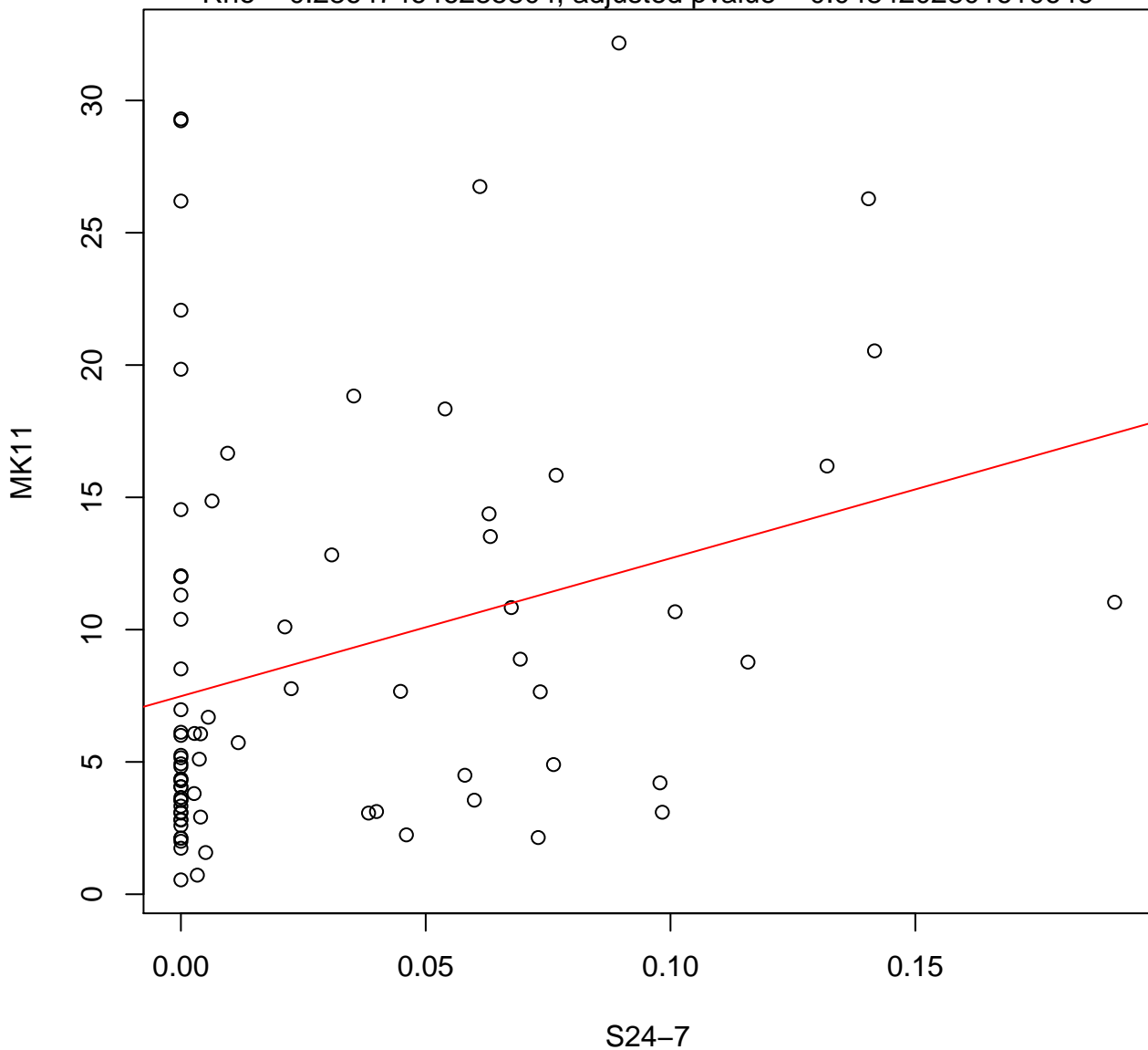
Timepoint 2 , MK11 ~ Prevotella

Rho = 0.580121063955586, adjusted pvalue = 3.79199001394277e-06



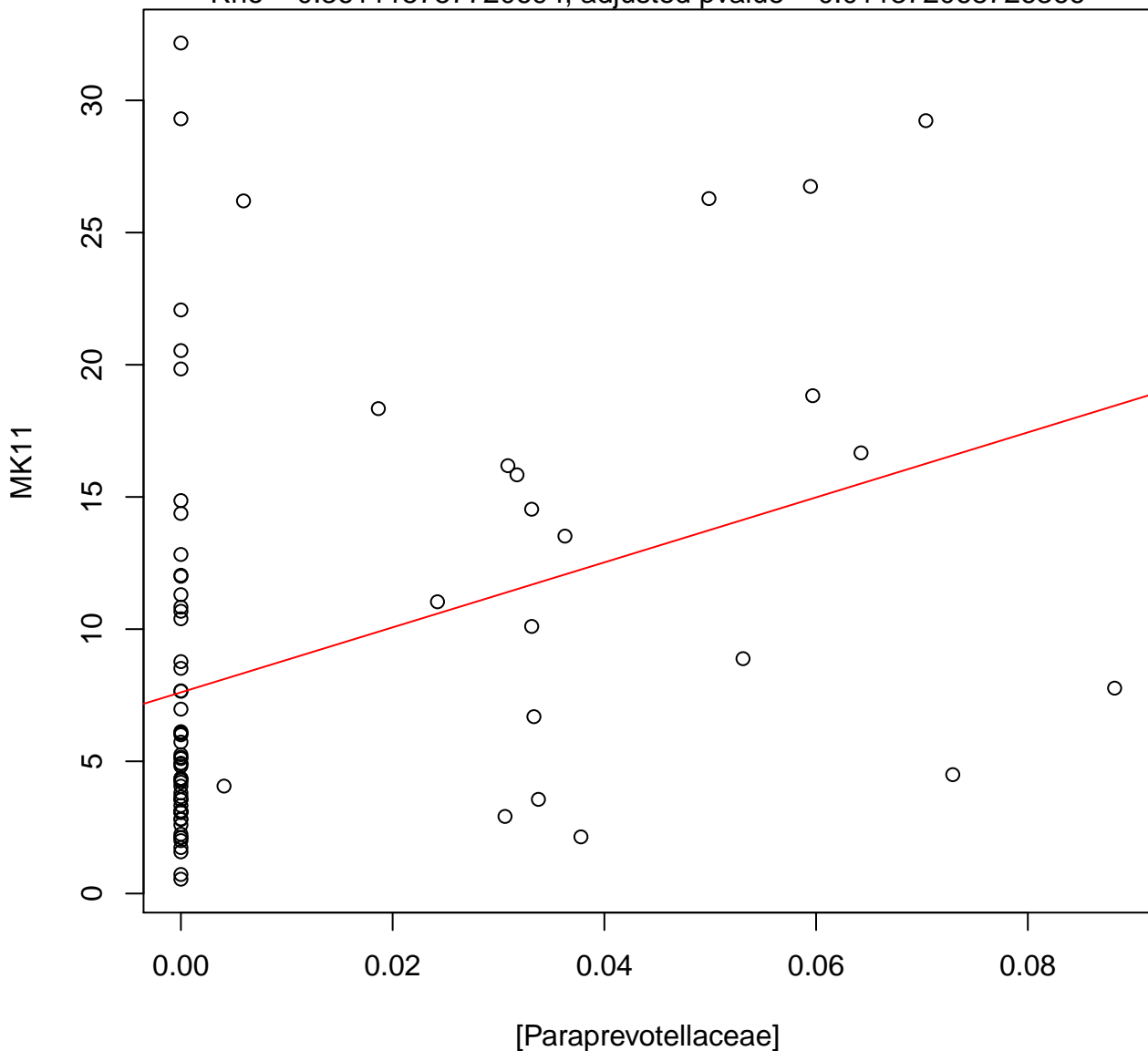
Timepoint 2 , MK11 ~ S24-7

Rho = 0.286474646285804, adjusted pvalue = 0.0484202801610646



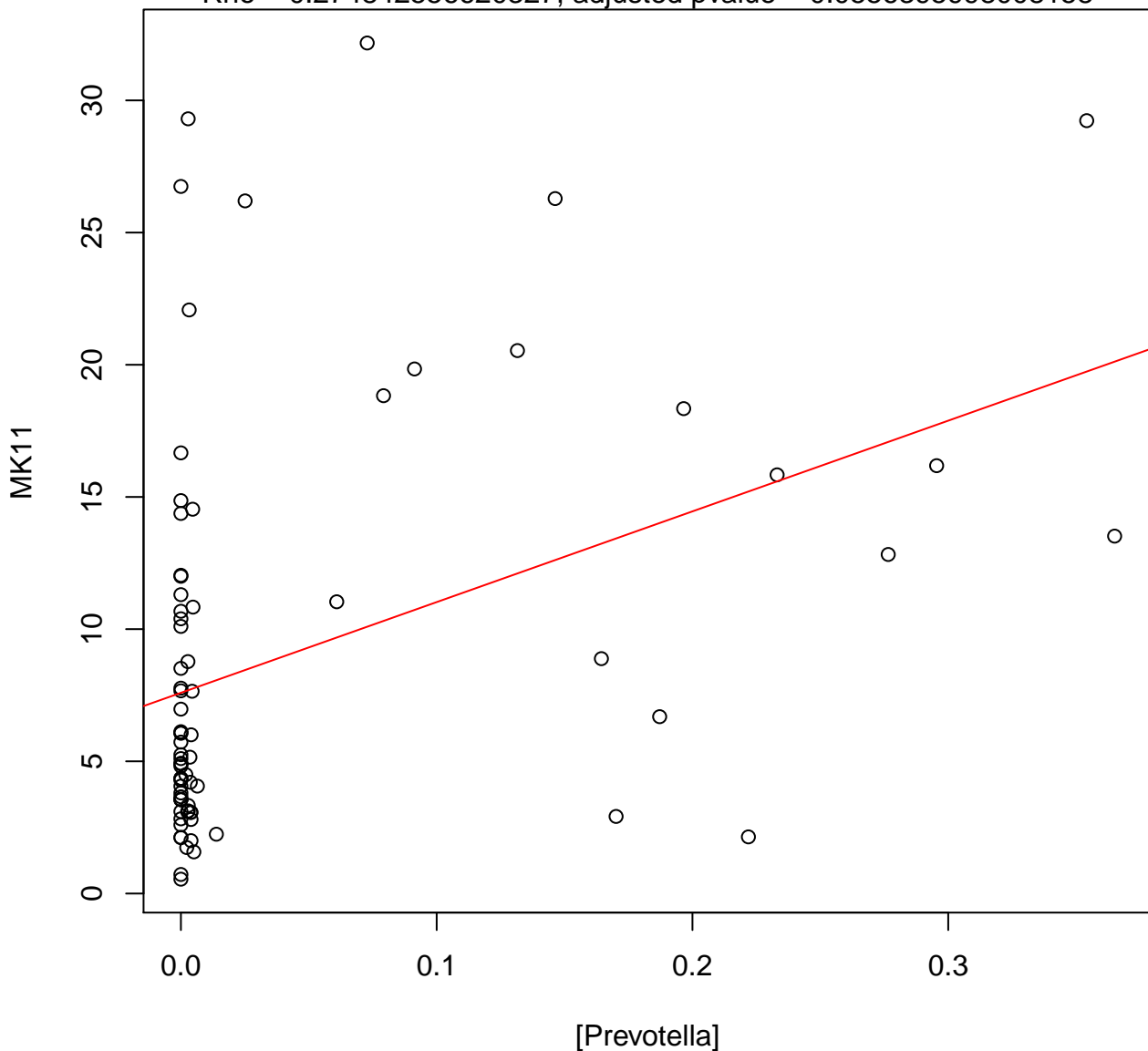
Timepoint 2 , MK11 ~ [Paraprevotellaceae]

Rho = 0.361115757720694, adjusted pvalue = 0.011372068726366



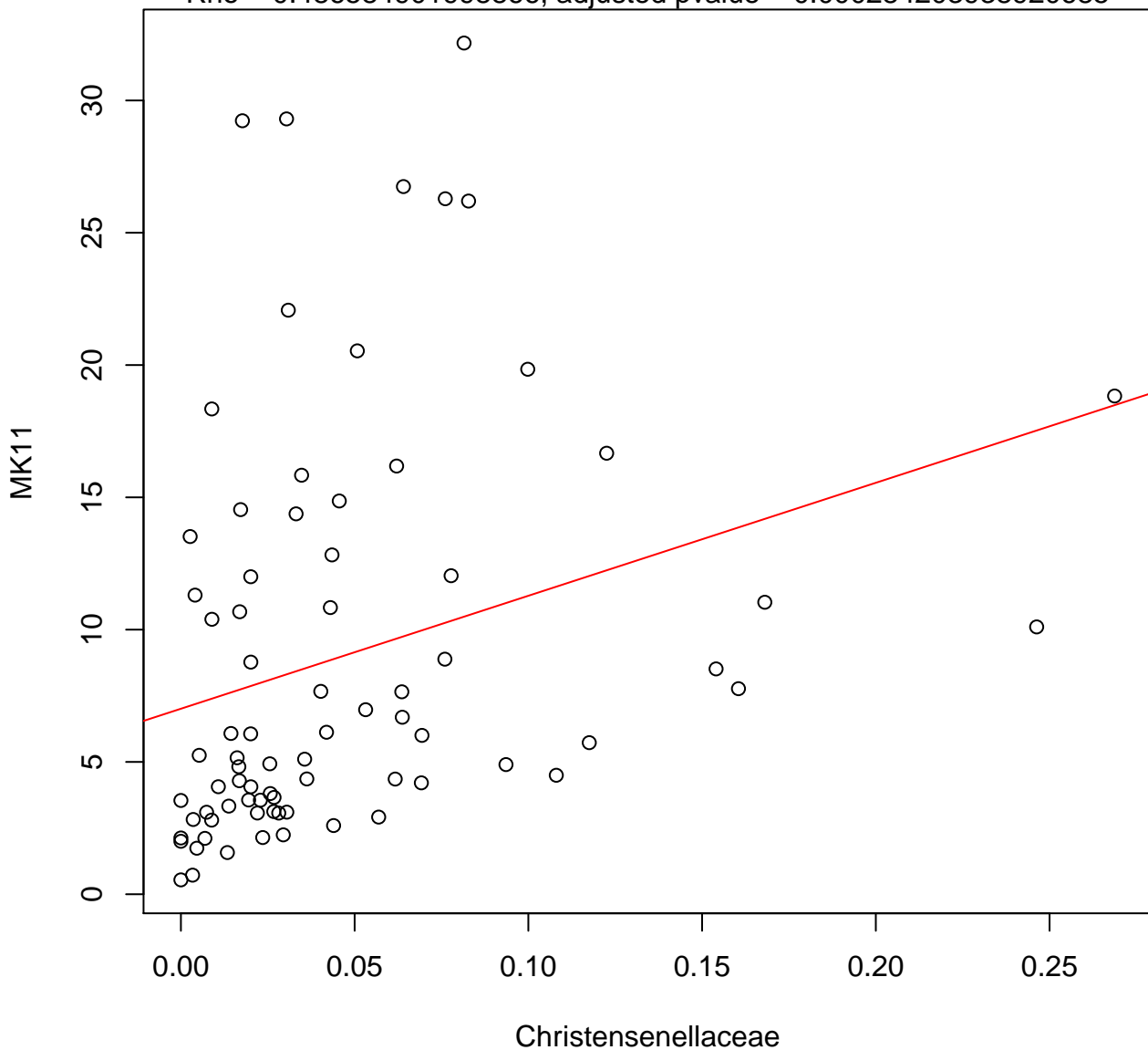
Timepoint 2 , MK11 ~ [Prevotella]

Rho = 0.274842556620327, adjusted pvalue = 0.0556395998008158



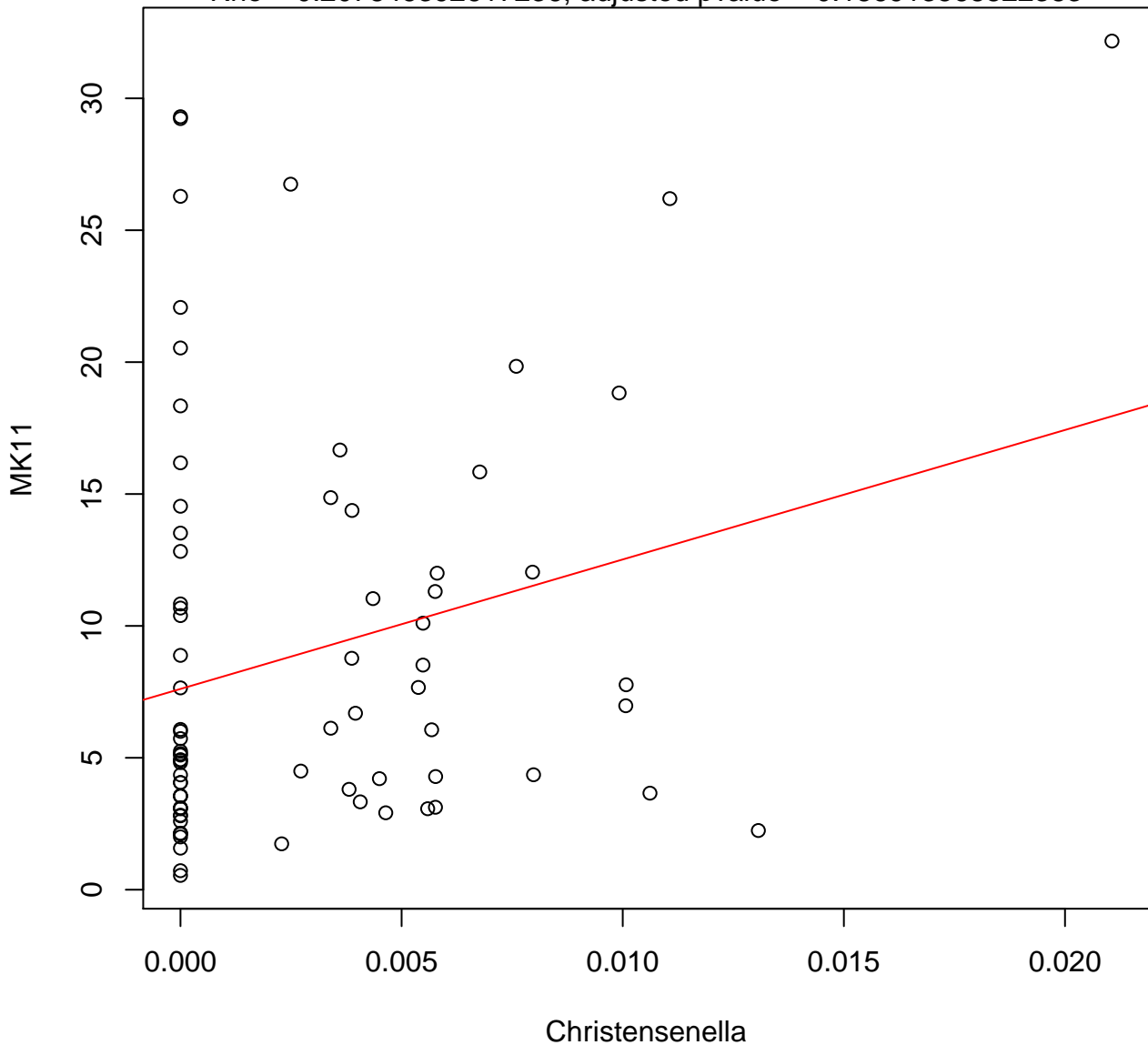
Timepoint 2 , MK11 ~ Christensenellaceae

Rho = 0.486584901998866, adjusted pvalue = 0.000284203938920685



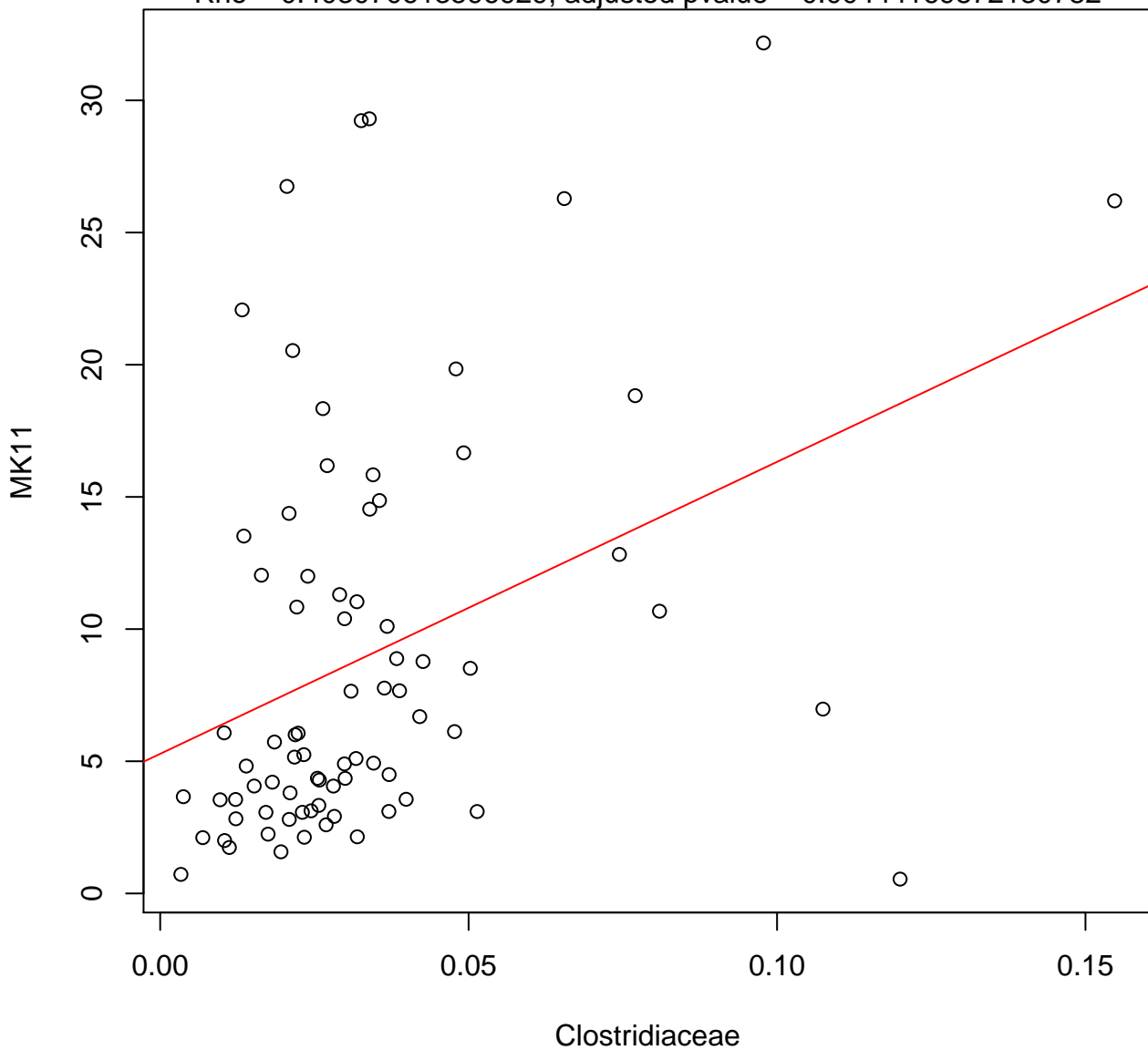
Timepoint 2 , MK11 ~ Christensenella

Rho = 0.207846392617236, adjusted pvalue = 0.186913568822383



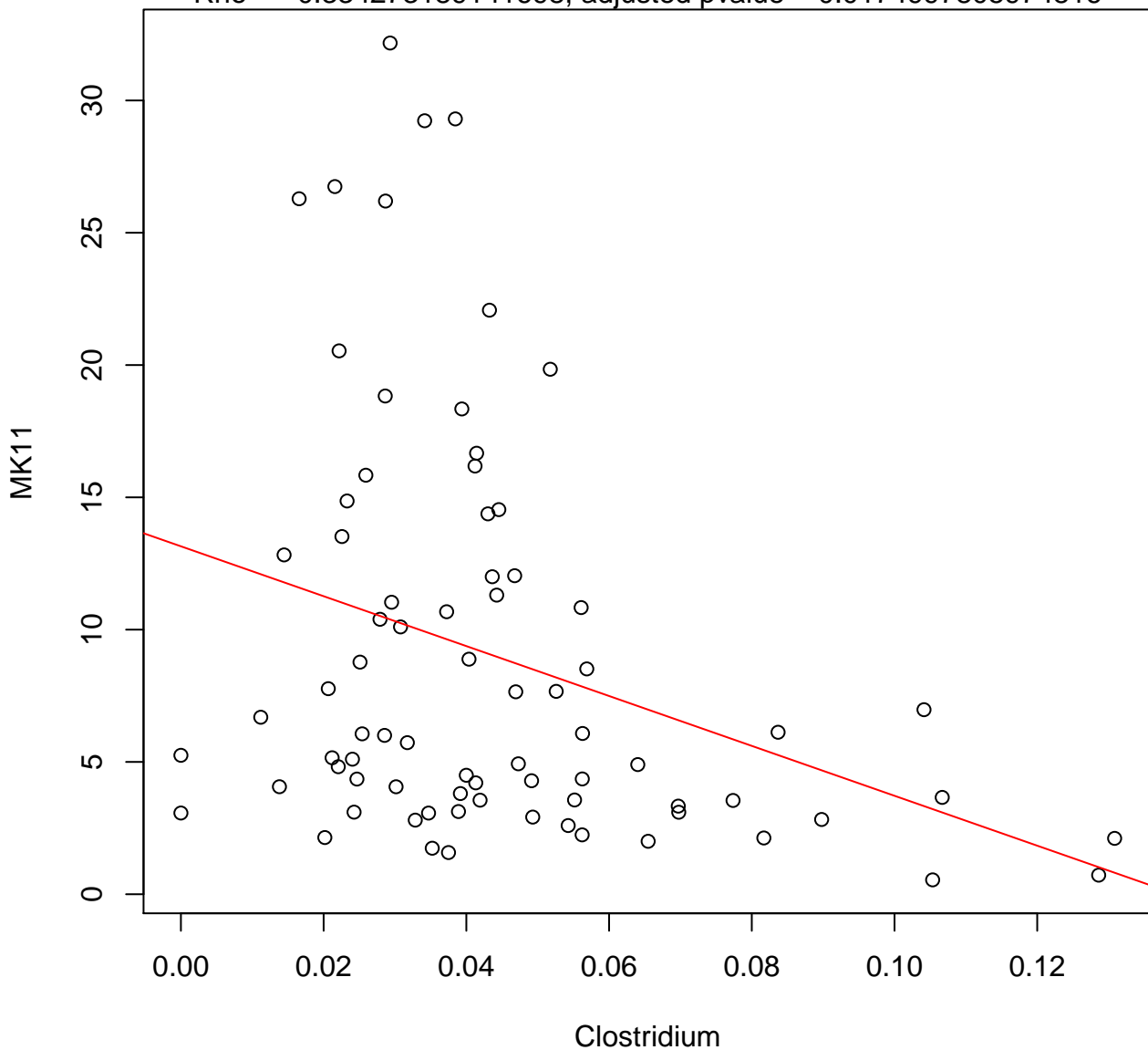
Timepoint 2 , MK11 ~ Clostridiaceae

Rho = 0.403070613596929, adjusted pvalue = 0.00444169872130782



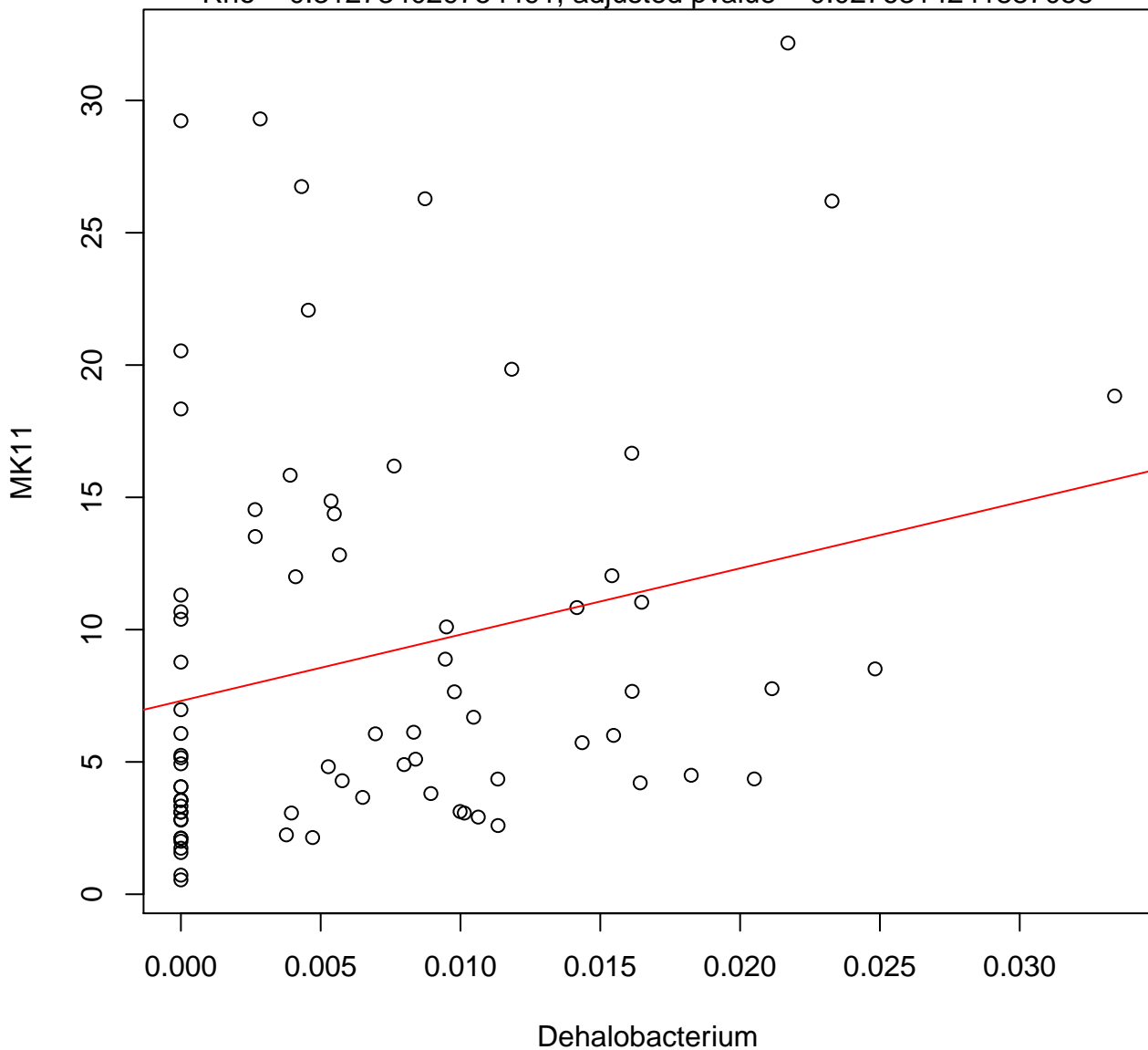
Timepoint 2 , MK11 ~ Clostridium

Rho = -0.334273189141698 , adjusted pvalue = 0.0174997805974816



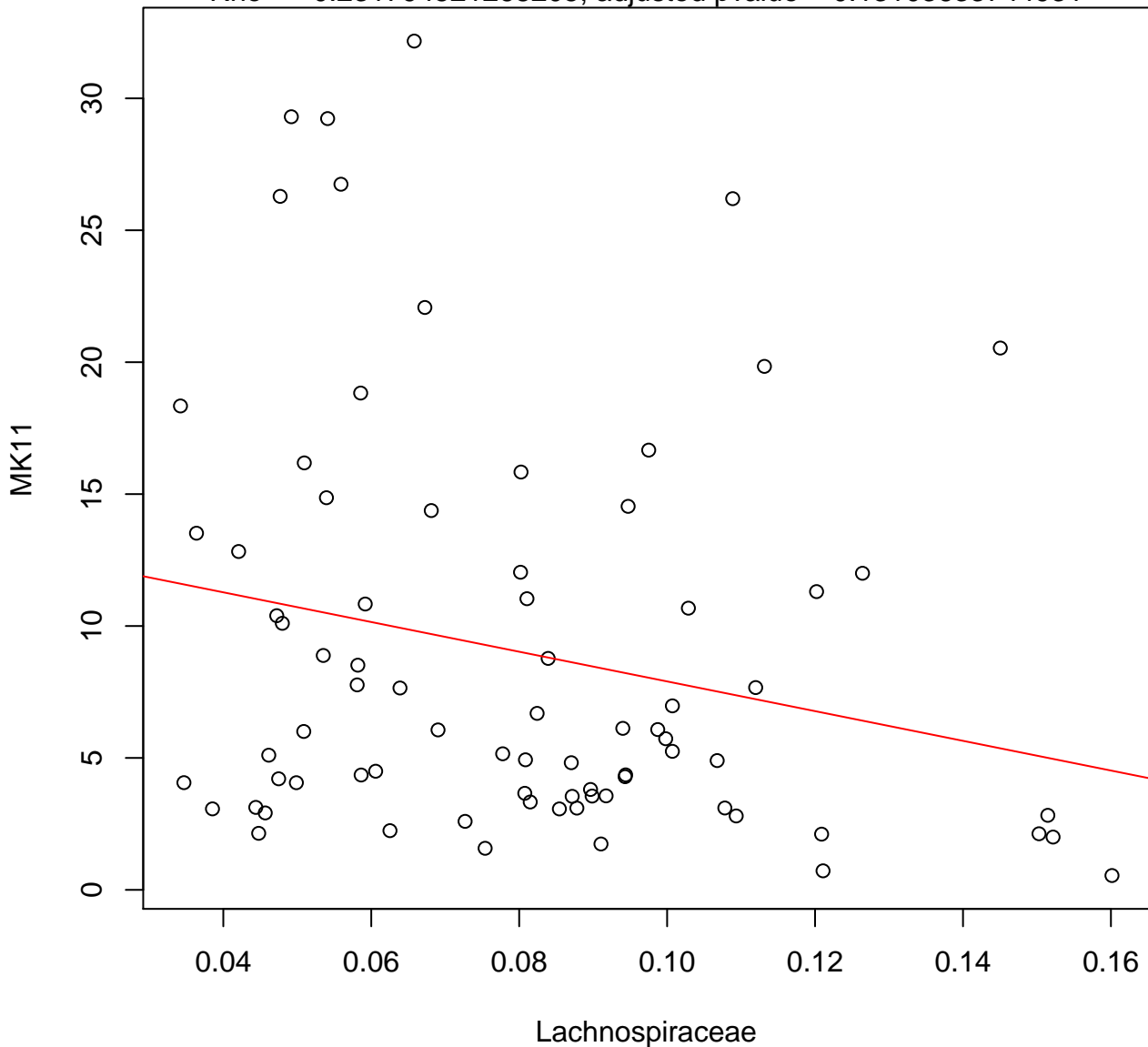
Timepoint 2 , MK11 ~ Dehalobacterium

Rho = 0.312734029754491, adjusted pvalue = 0.0276314241887058



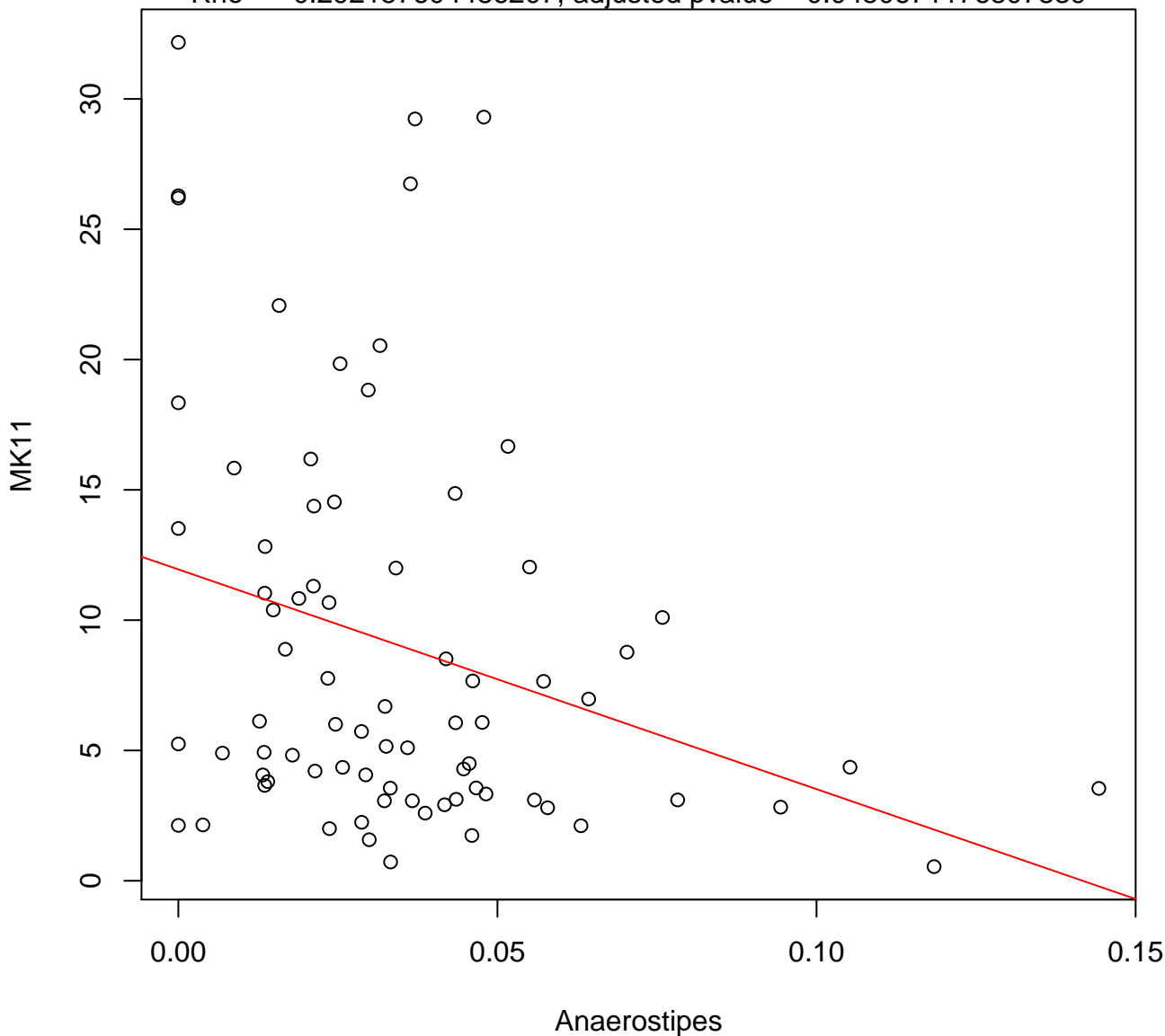
Timepoint 2 , MK11 ~ Lachnospiraceae

Rho = -0.231794521268205 , adjusted pvalue = 0.13103633744931



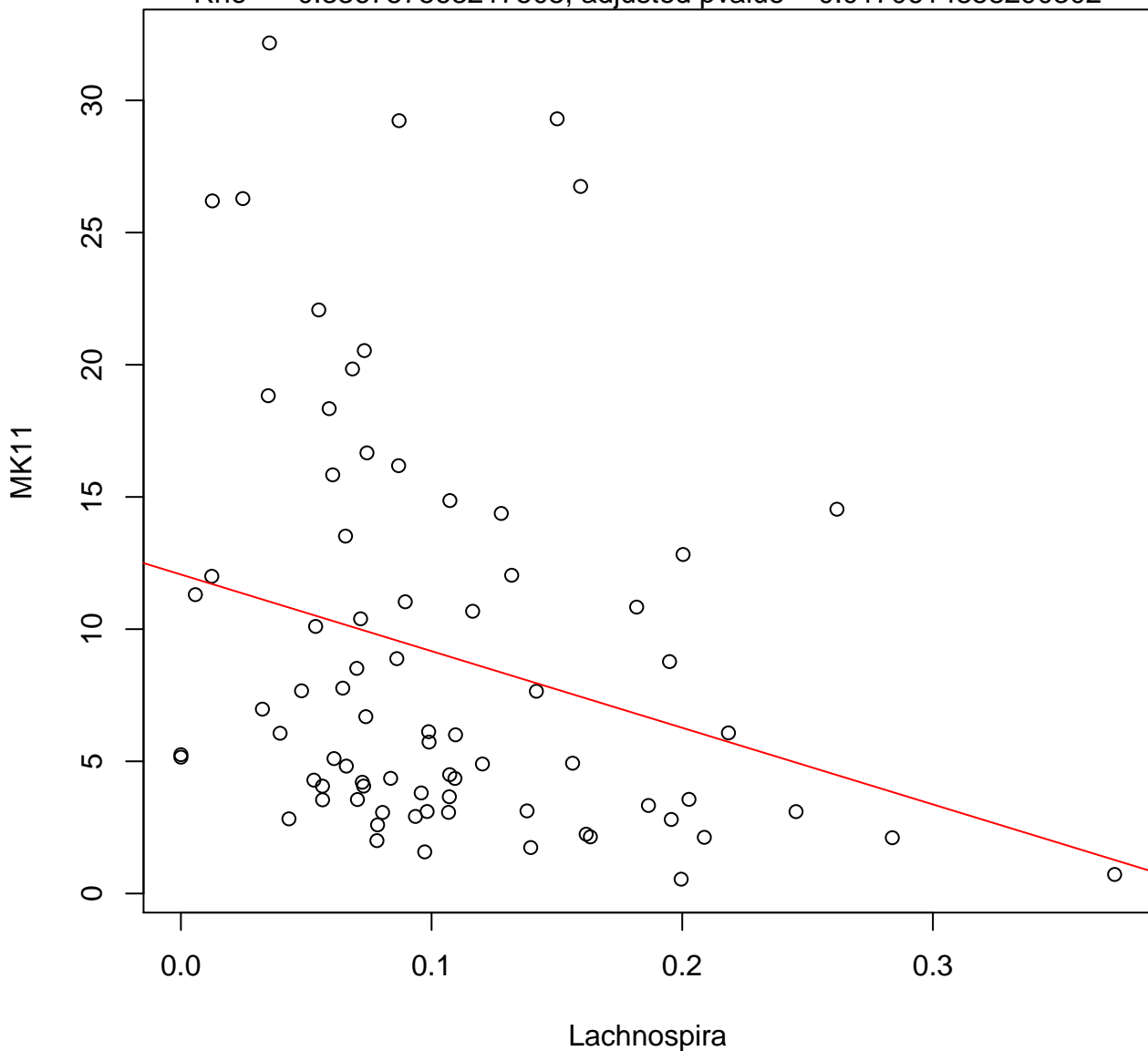
Timepoint 2 , MK11 ~ Anaerostipes

Rho = -0.292157604486207 , adjusted pvalue = 0.0450671176807839



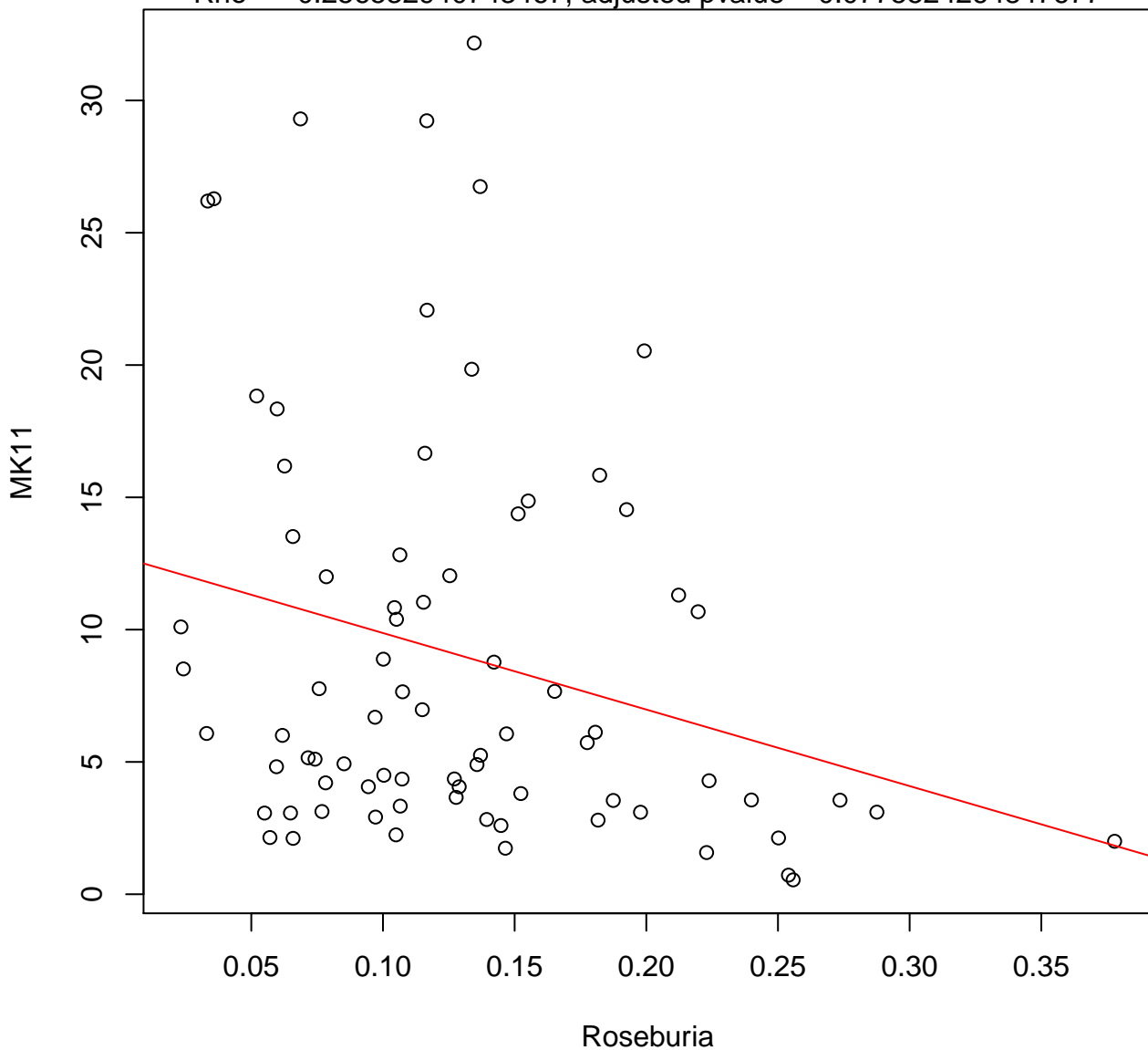
Timepoint 2 , MK11 ~ Lachnospira

Rho = -0.336757563217505 , adjusted pvalue = 0.0170614858290302



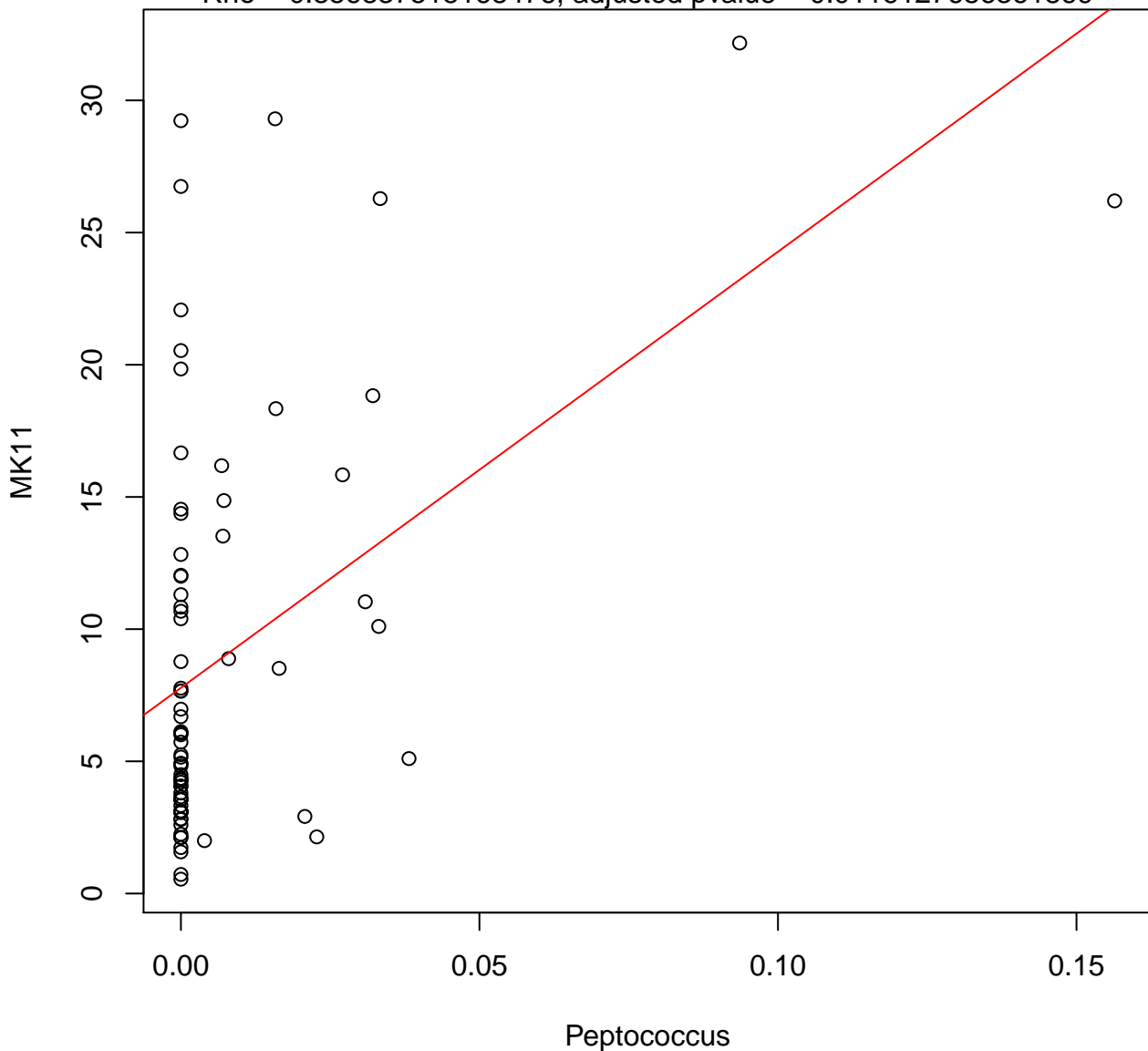
Timepoint 2 , MK11 ~ Roseburia

Rho = -0.256532940743467 , adjusted pvalue = 0.0775524264847677



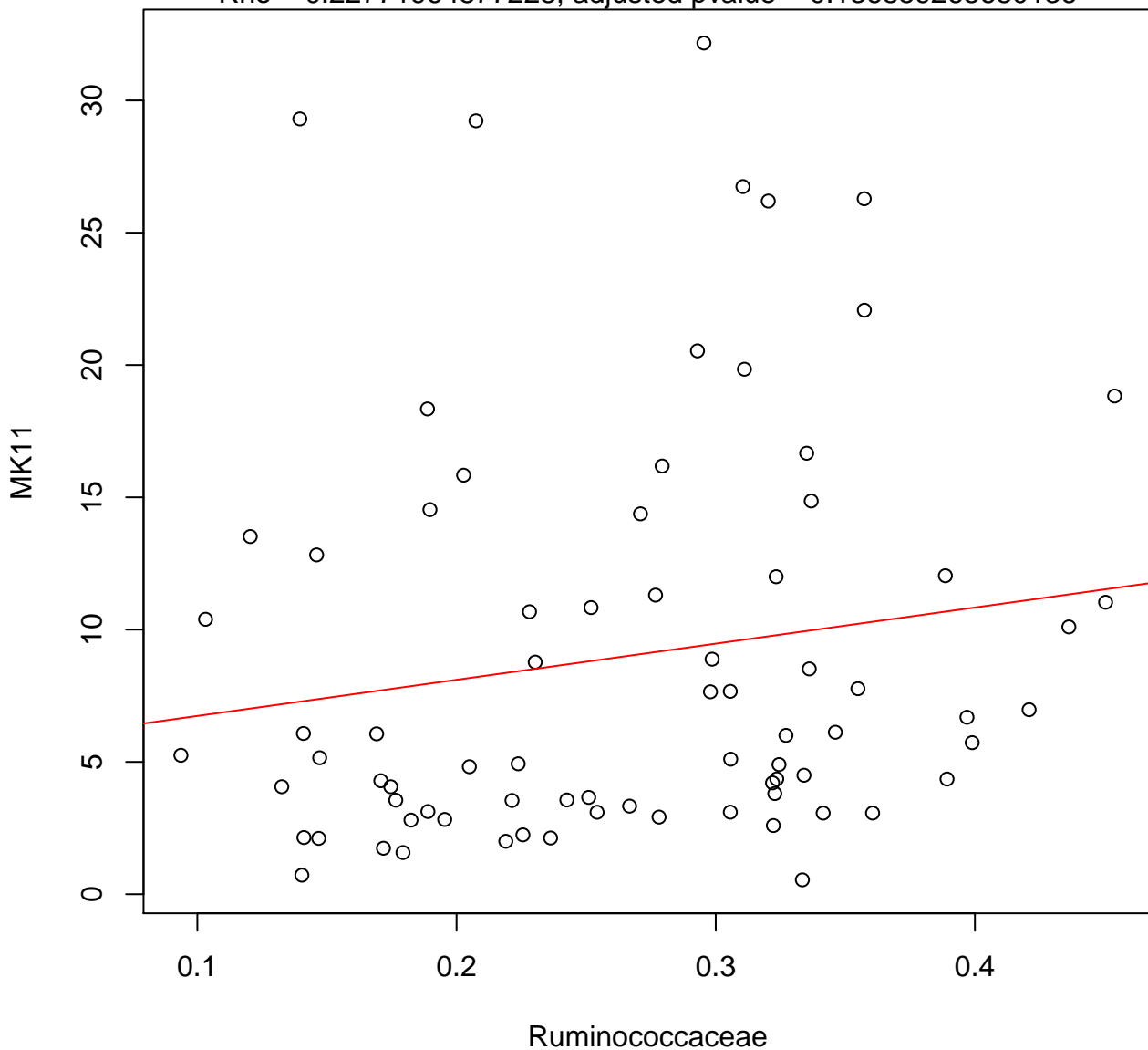
Timepoint 2 , MK11 ~ Peptococcus

Rho = 0.356837515168476, adjusted pvalue = 0.0116127686361869



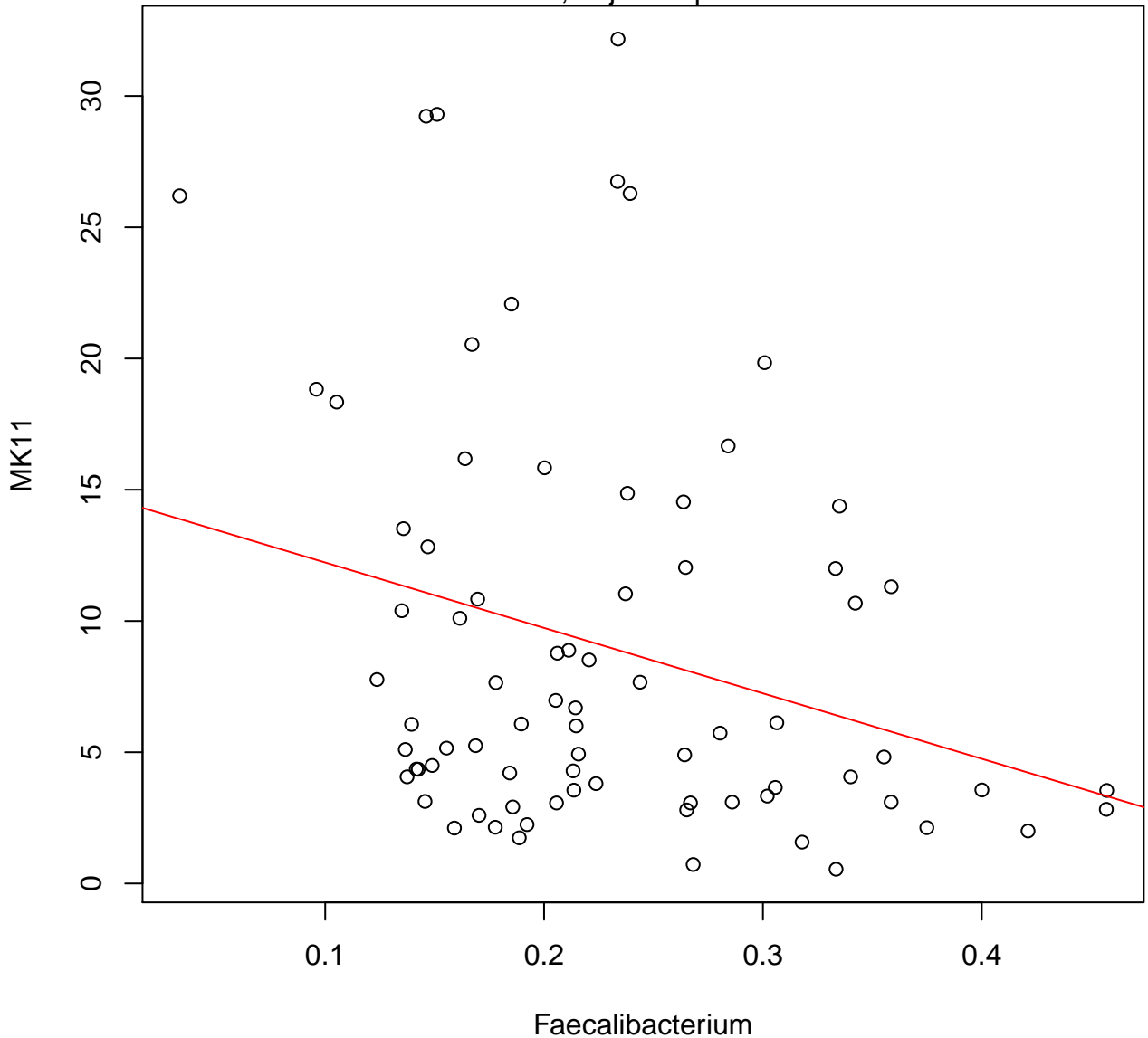
Timepoint 2 , MK11 ~ Ruminococcaceae

Rho = 0.22771964877228, adjusted pvalue = 0.136859268680136



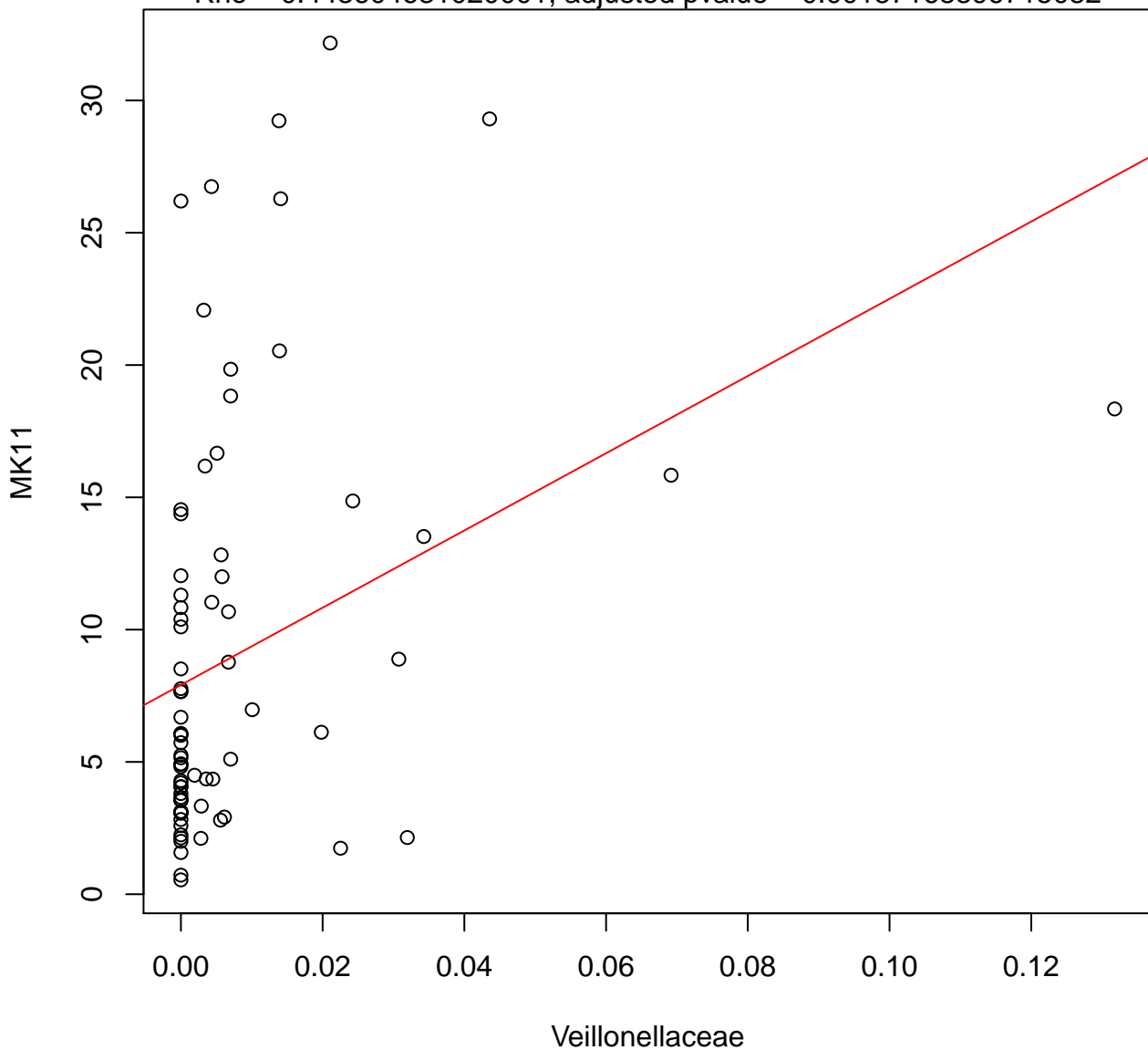
Timepoint 2 , MK11 ~ Faecalibacterium

Rho = -0.273621115726379 , adjusted pvalue = 0.0556858194623782



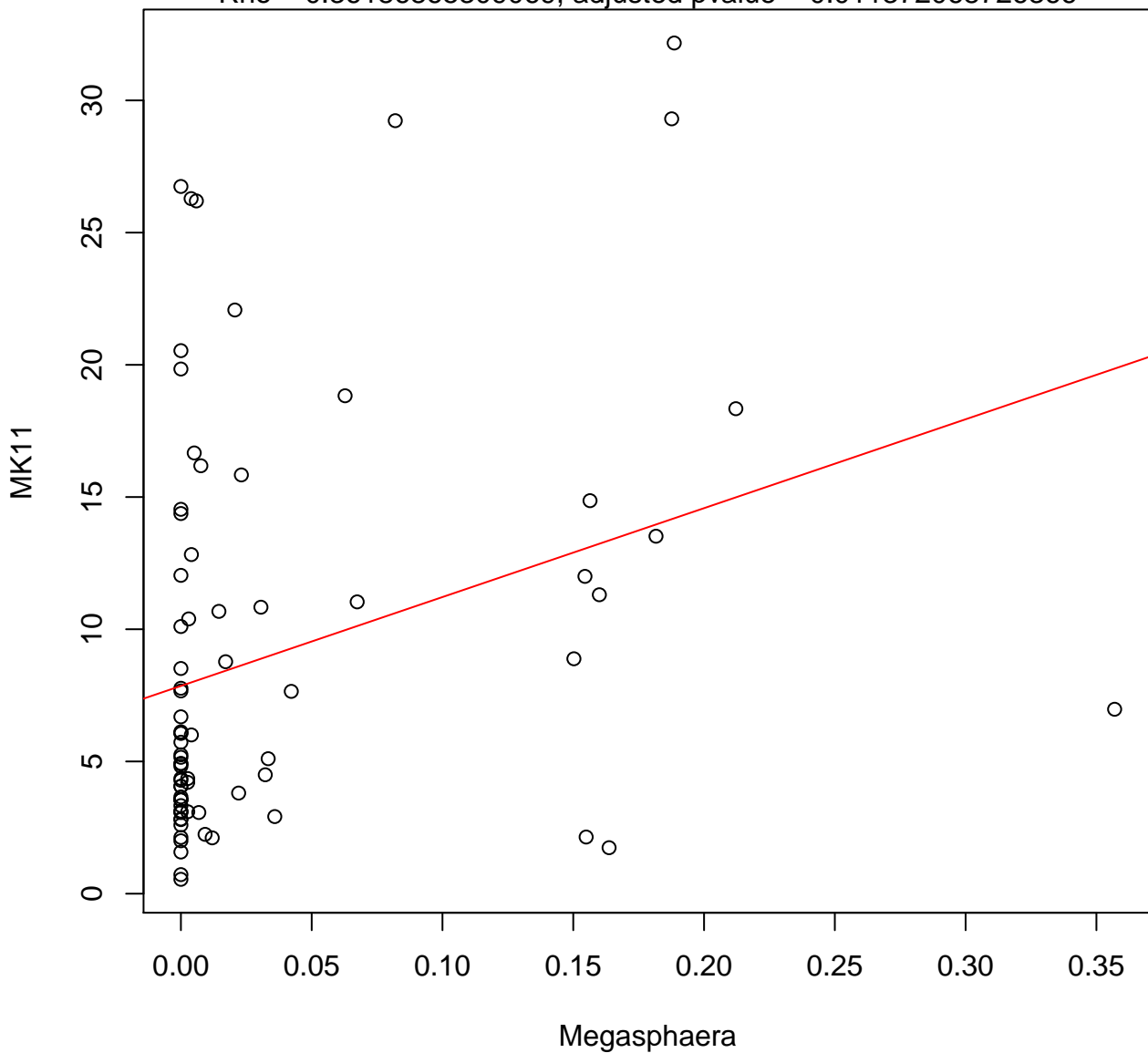
Timepoint 2 , MK11 ~ Veillonellaceae

Rho = 0.443604631020001, adjusted pvalue = 0.00157168396715082



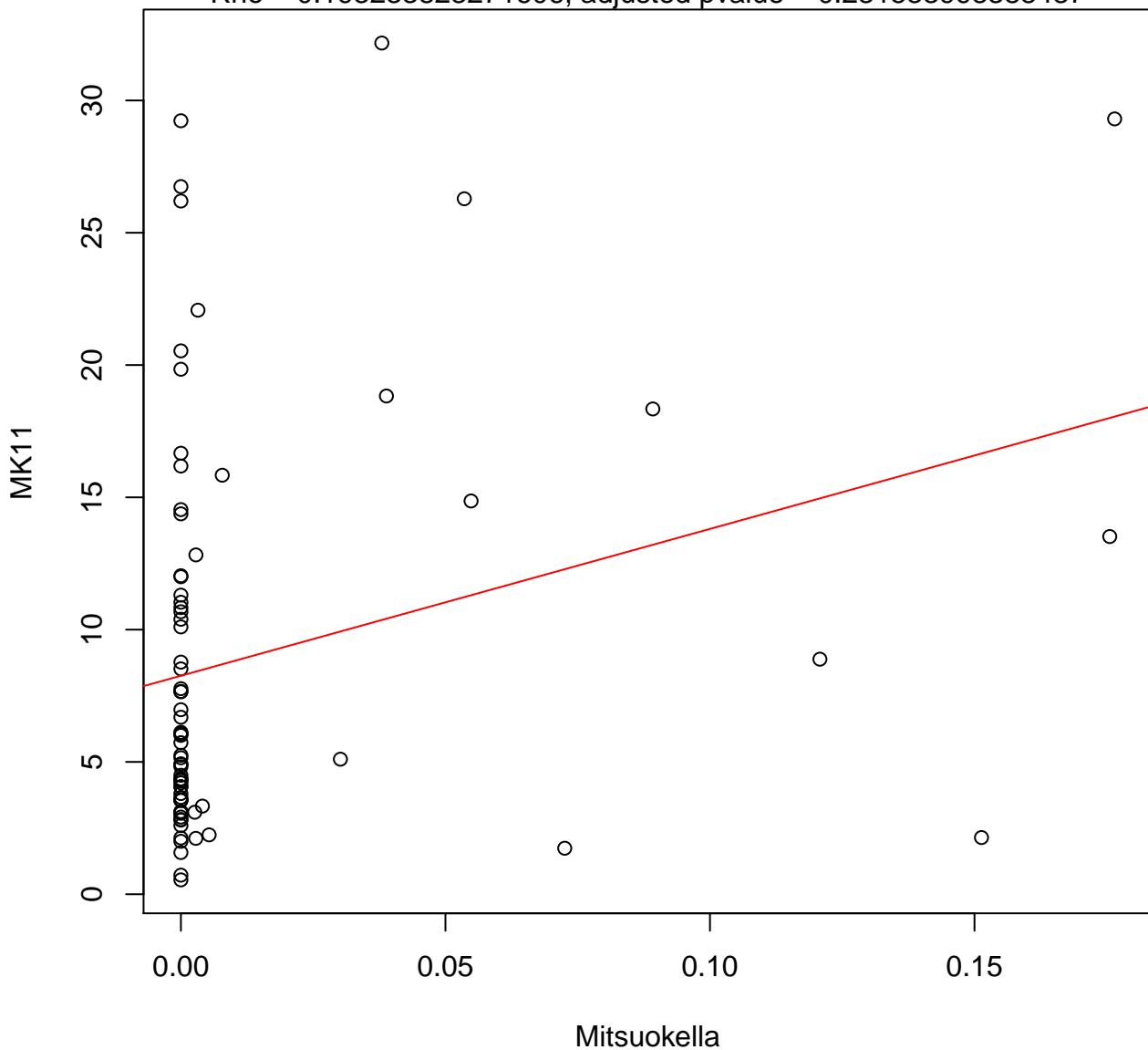
Timepoint 2 , MK11 ~ Megasphaera

Rho = 0.36186865309069, adjusted pvalue = 0.011372068726366



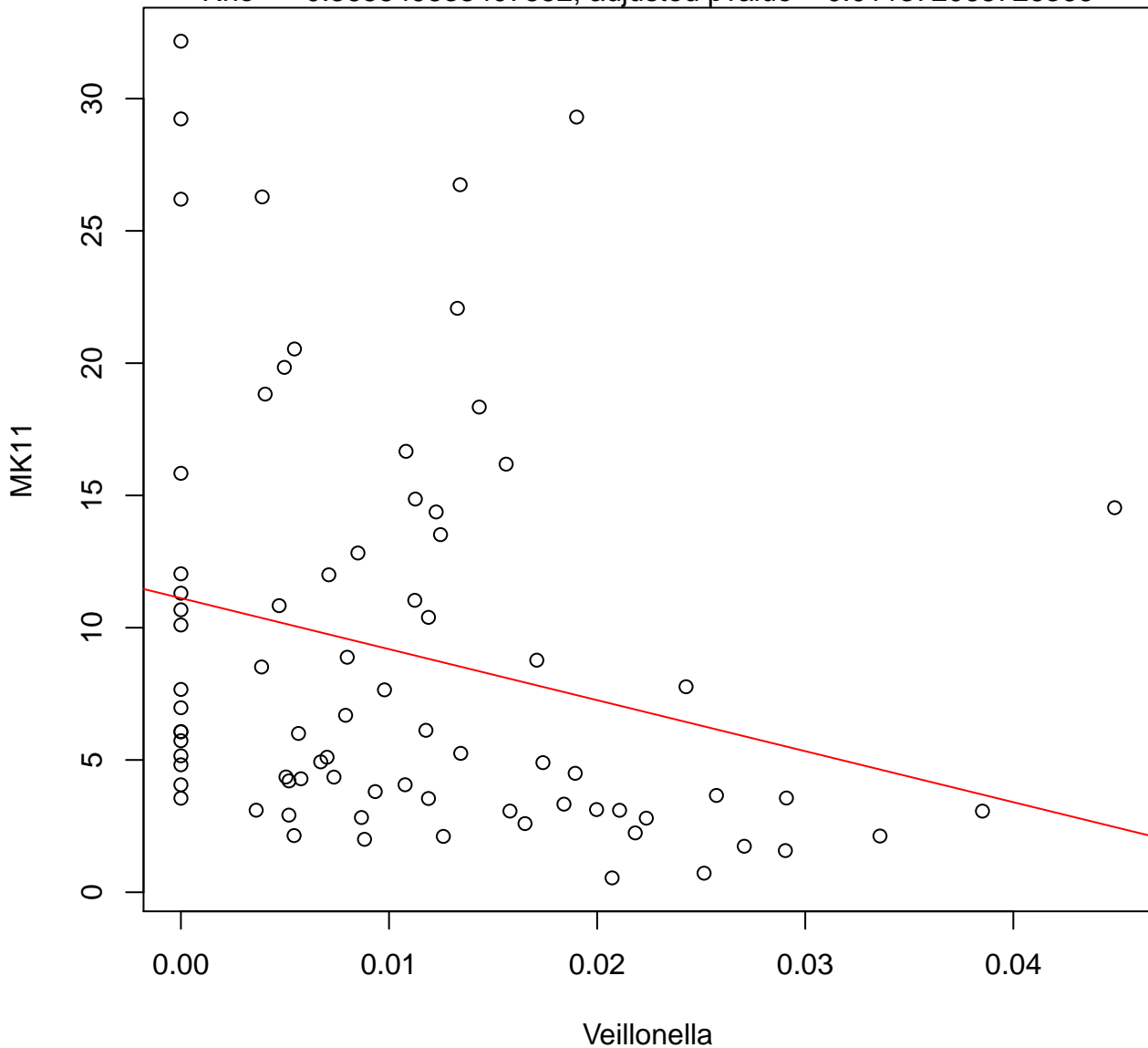
Timepoint 2 , MK11 ~ Mitsuokella

Rho = 0.193233823271606, adjusted pvalue = 0.231533998388437



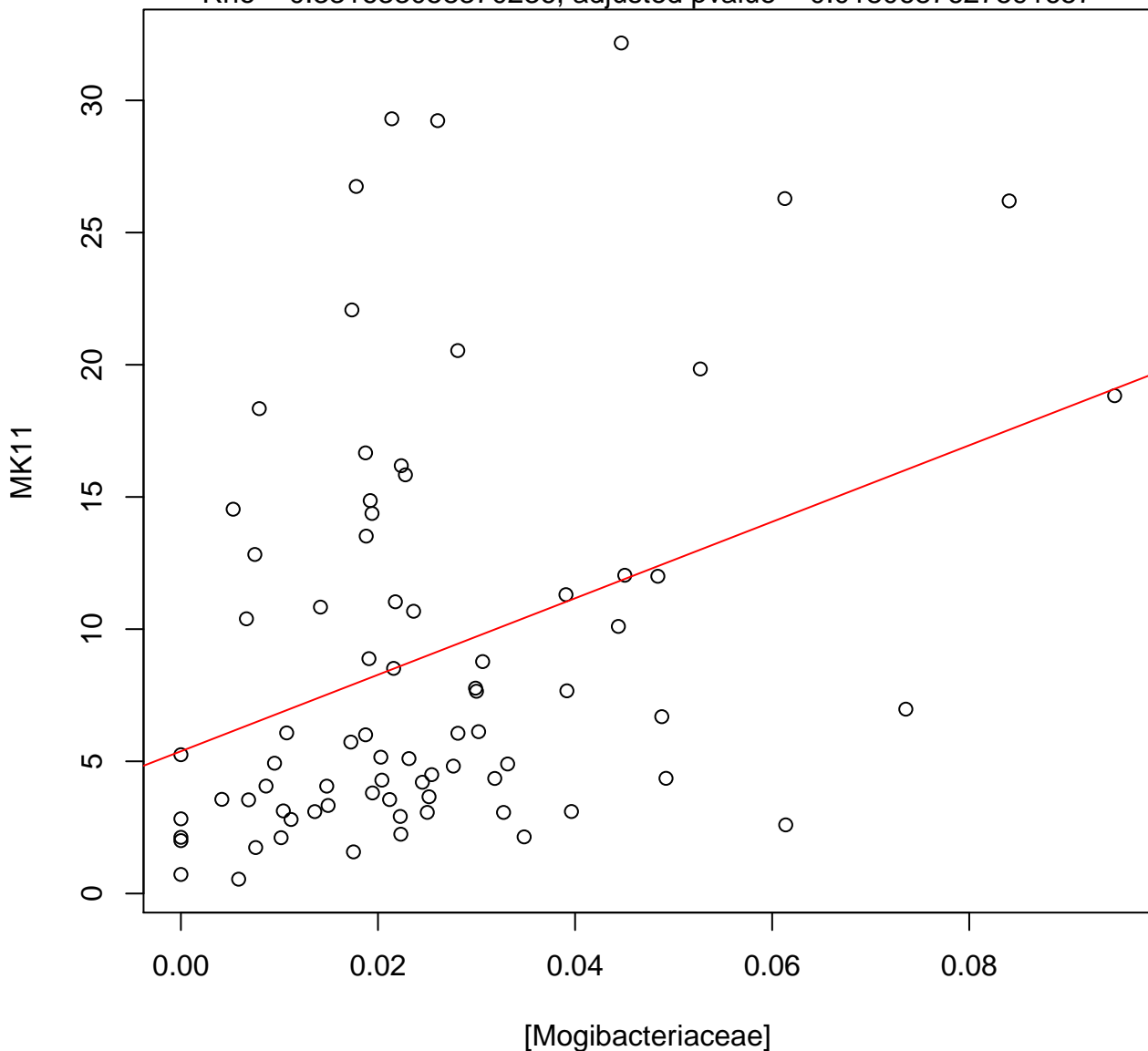
Timepoint 2 , MK11 ~ Veillonella

Rho = -0.365549533407552, adjusted pvalue = 0.011372068726366



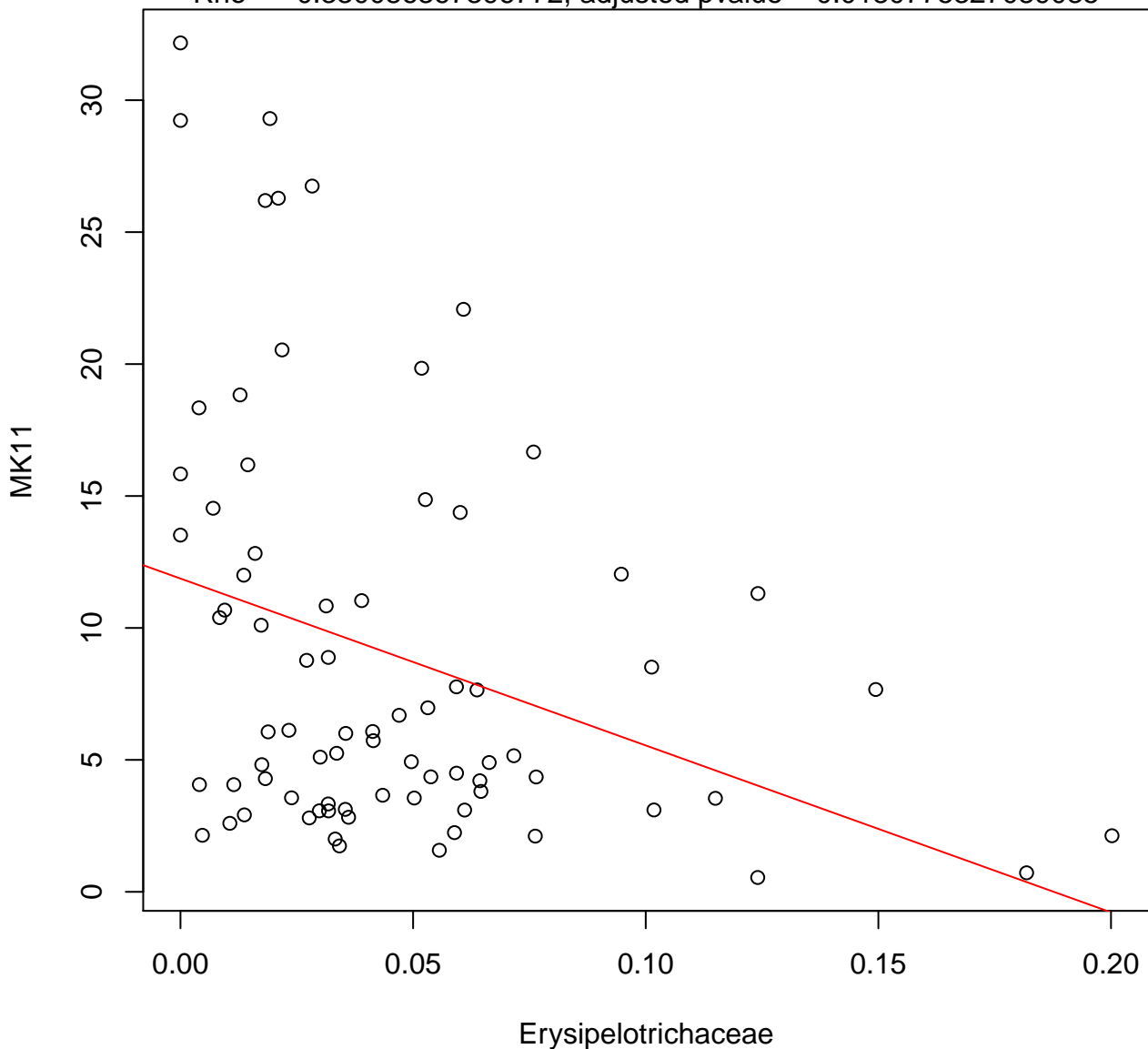
Timepoint 2 , MK11 ~ [Mogibacteriaceae]

Rho = 0.331633058370236, adjusted pvalue = 0.0180687627591657



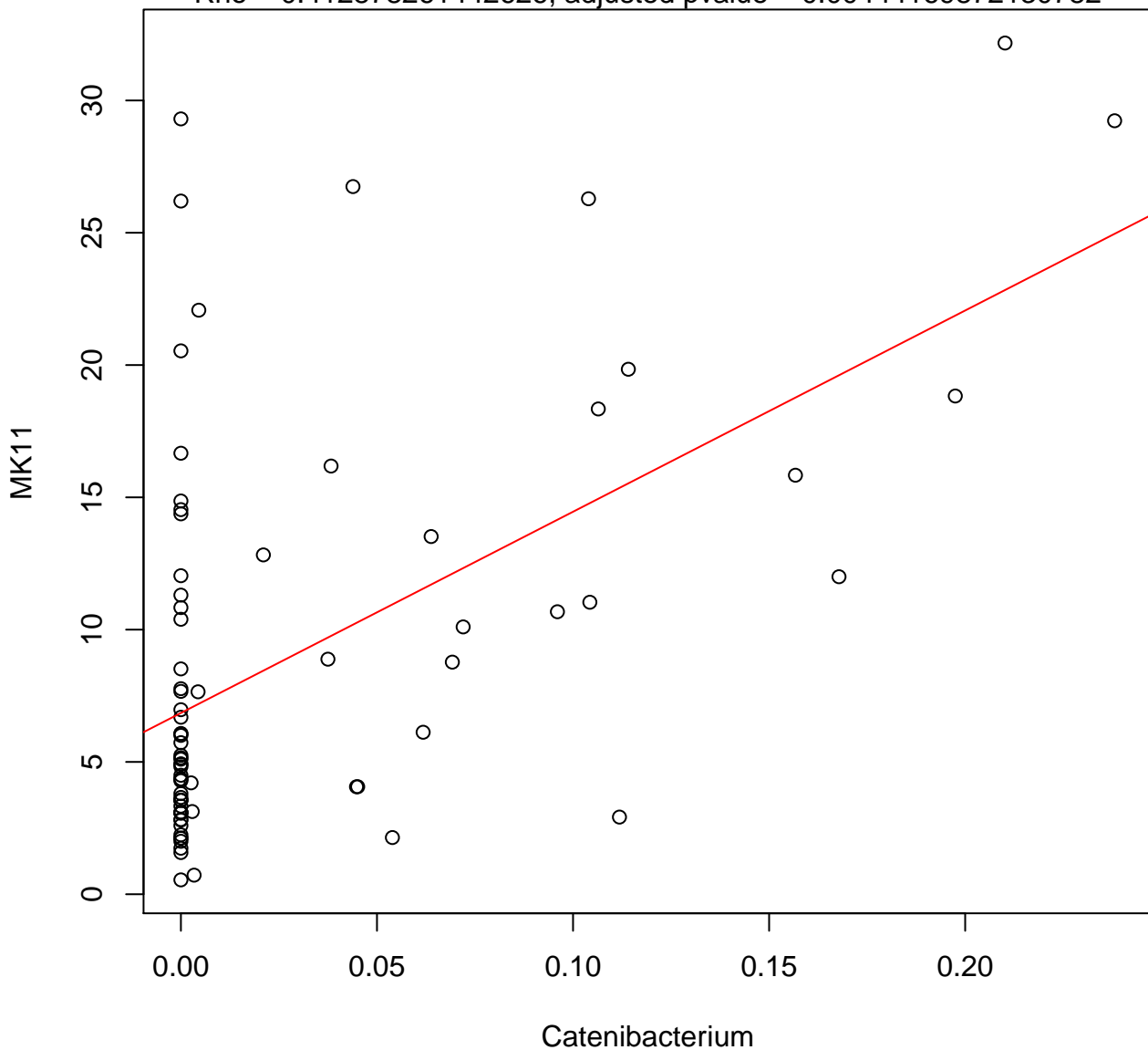
Timepoint 2 , MK11 ~ Erysipelotrichaceae

Rho = -0.330086367396772 , adjusted pvalue = 0.0180775327089035



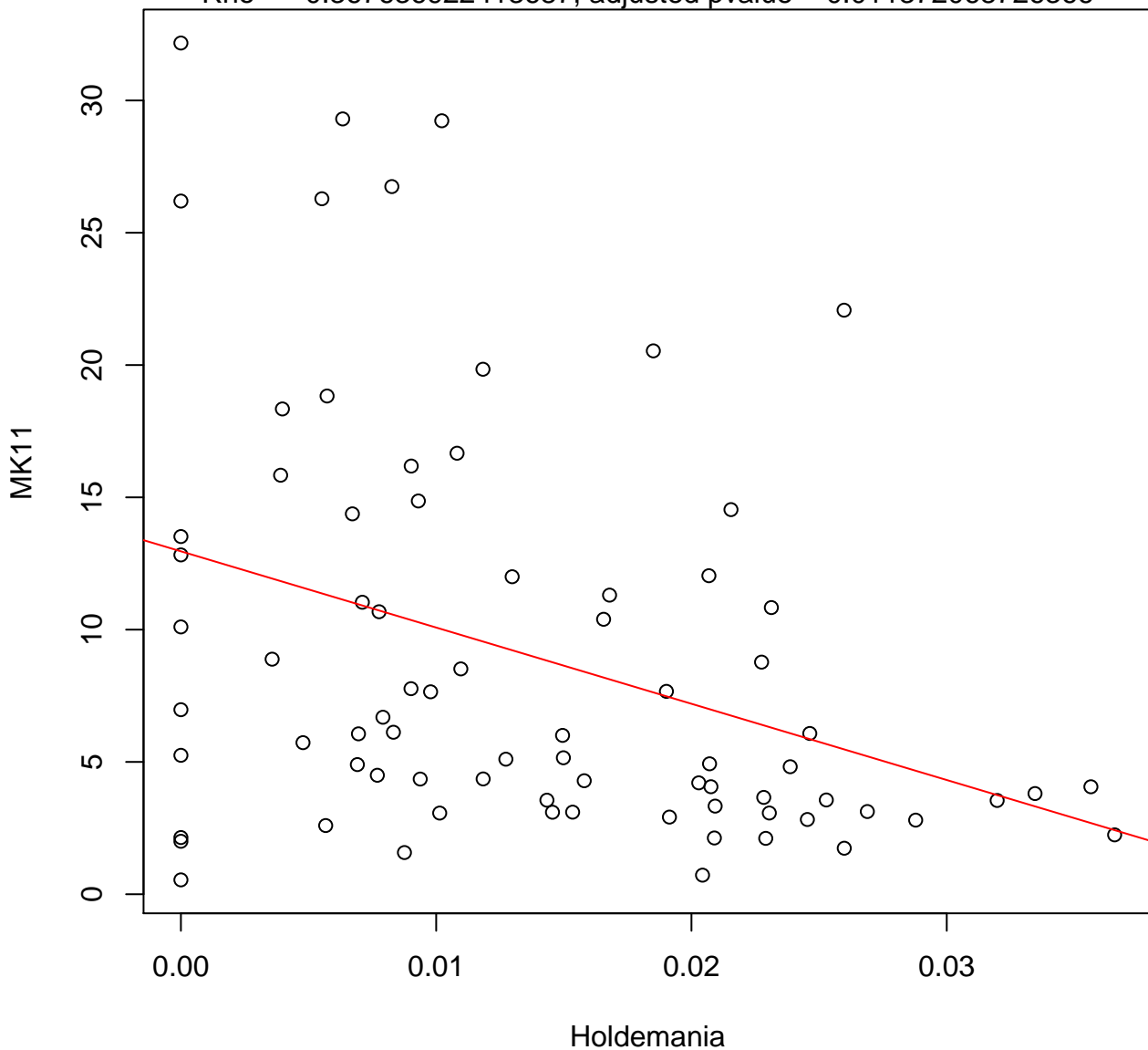
Timepoint 2 , MK11 ~ Catenibacterium

Rho = 0.412878261442626, adjusted pvalue = 0.00444169872130782



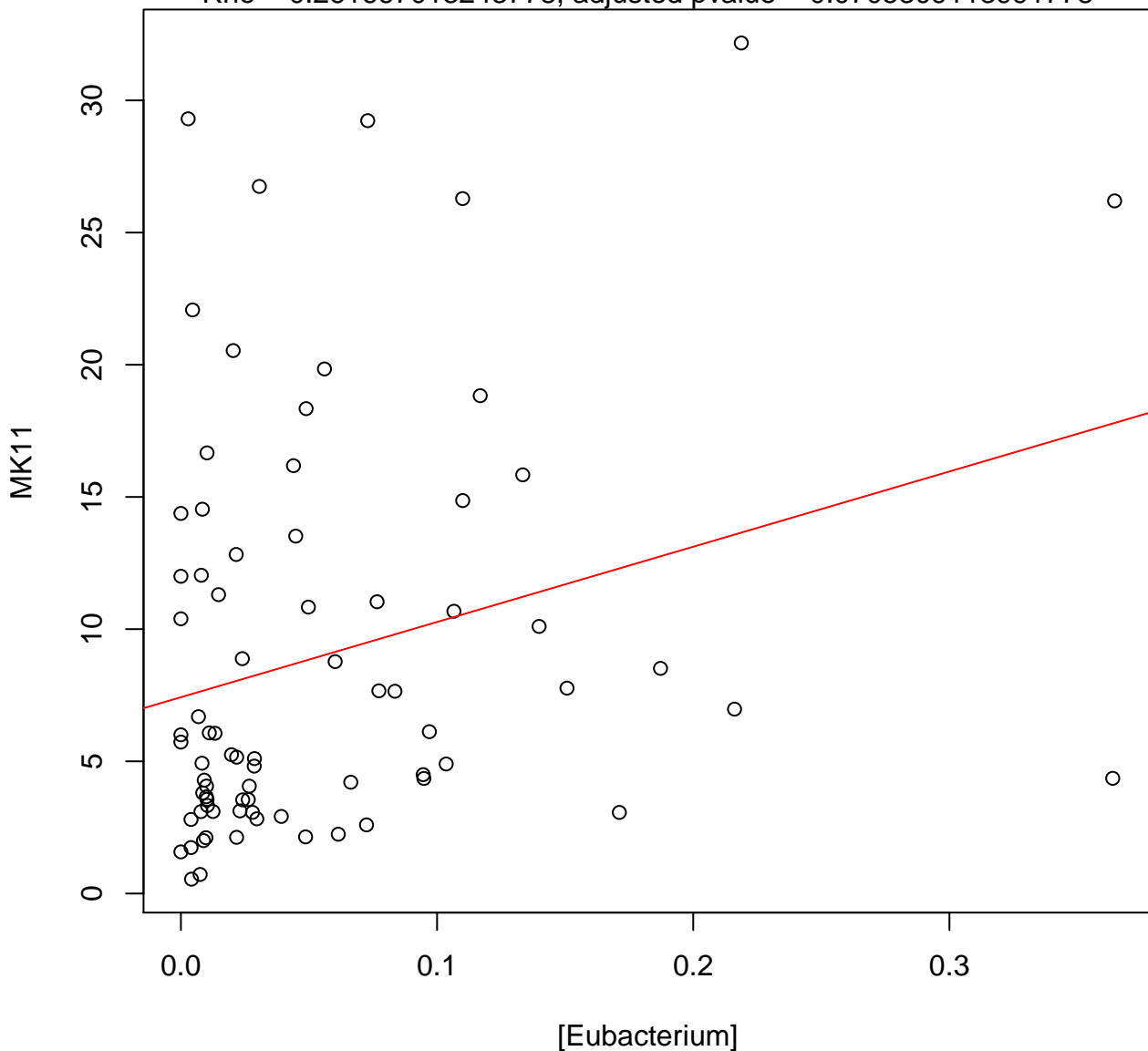
Timepoint 2 , MK11 ~ Holdemania

Rho = -0.367636922413687 , adjusted pvalue = 0.011372068726366



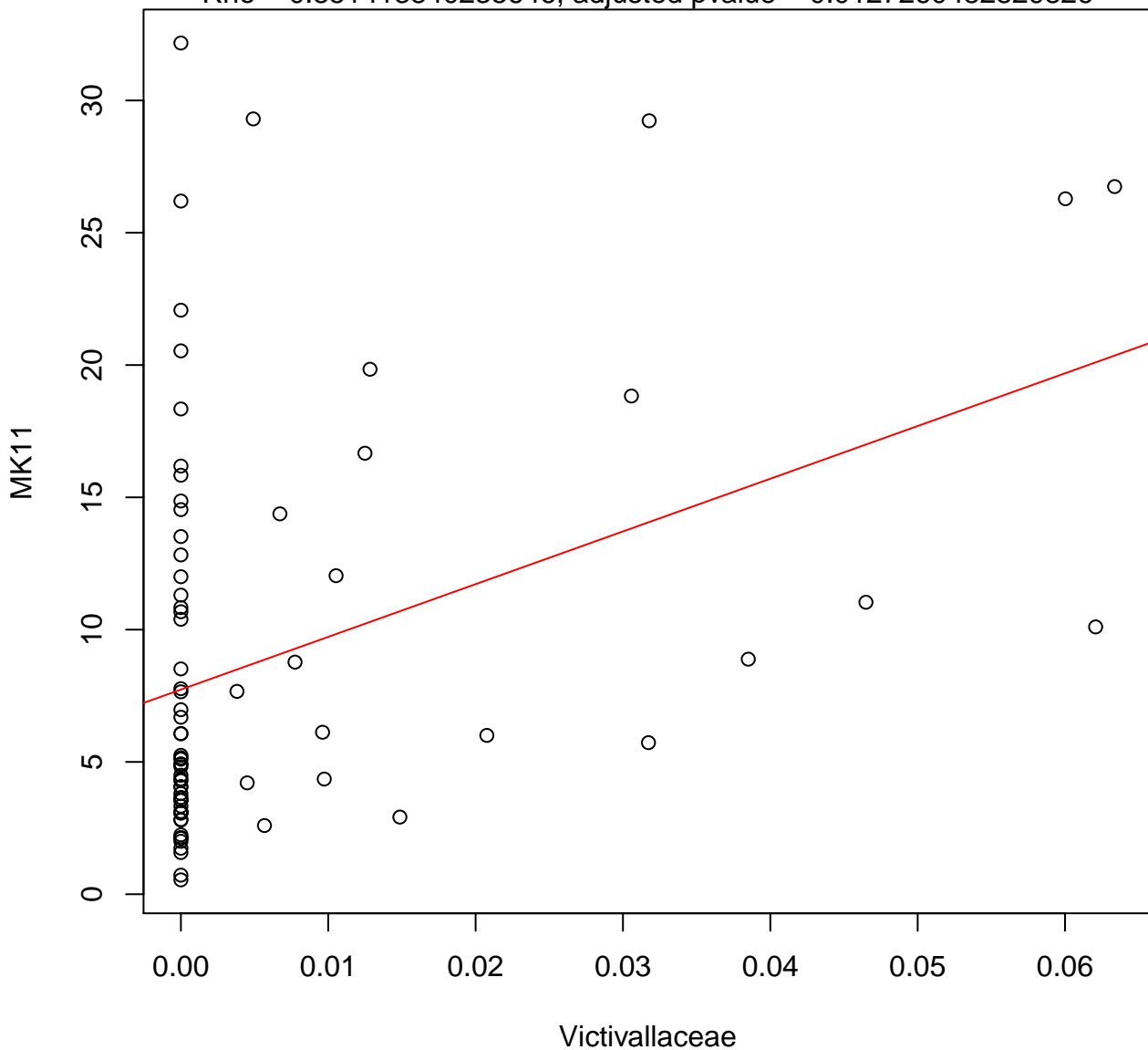
Timepoint 2 , MK11 ~ [Eubacterium]

Rho = 0.261667013243778, adjusted pvalue = 0.0705309113991778



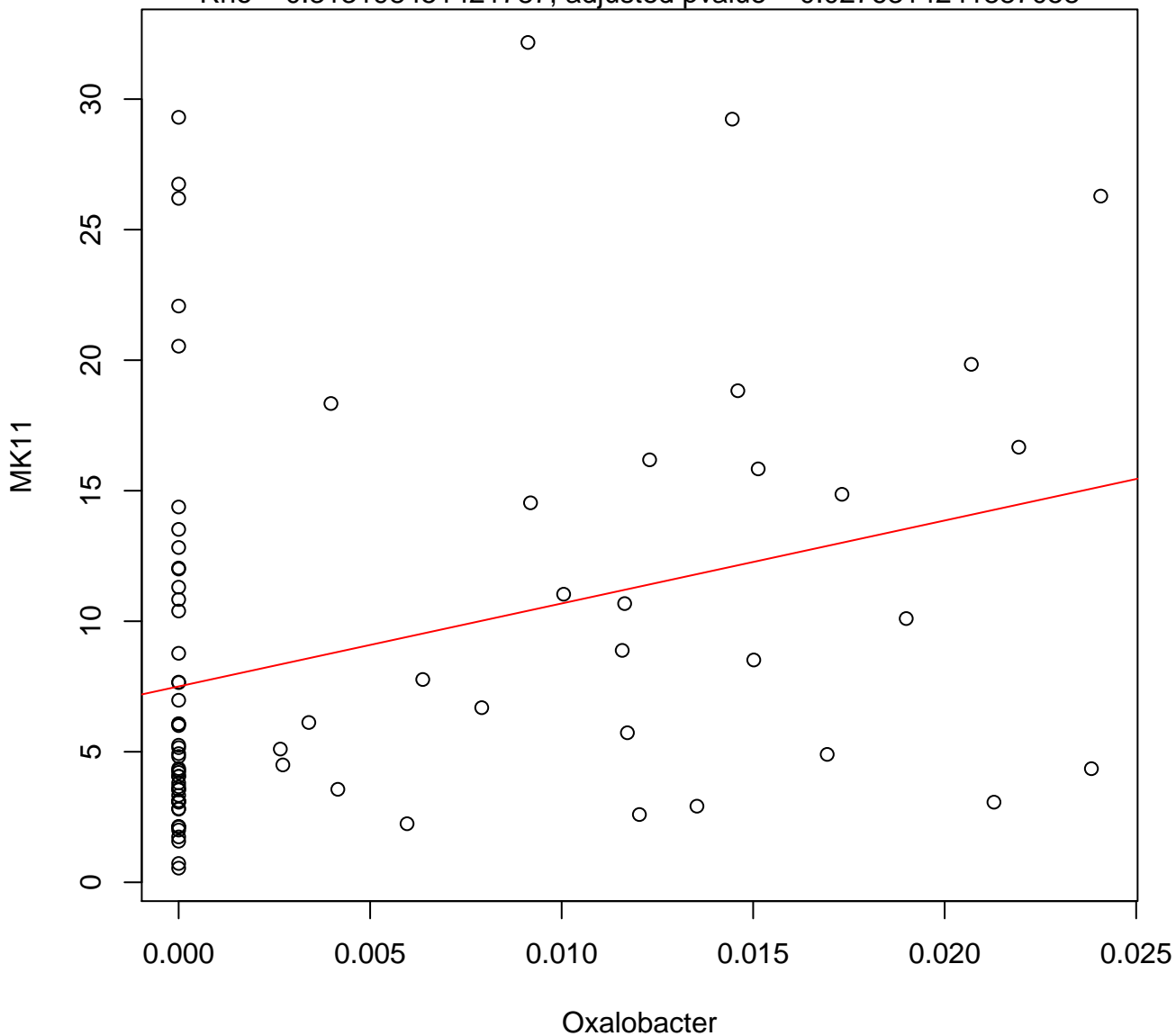
Timepoint 2 , MK11 ~ Victivallaceae

Rho = 0.351413840235646, adjusted pvalue = 0.0127260482829826



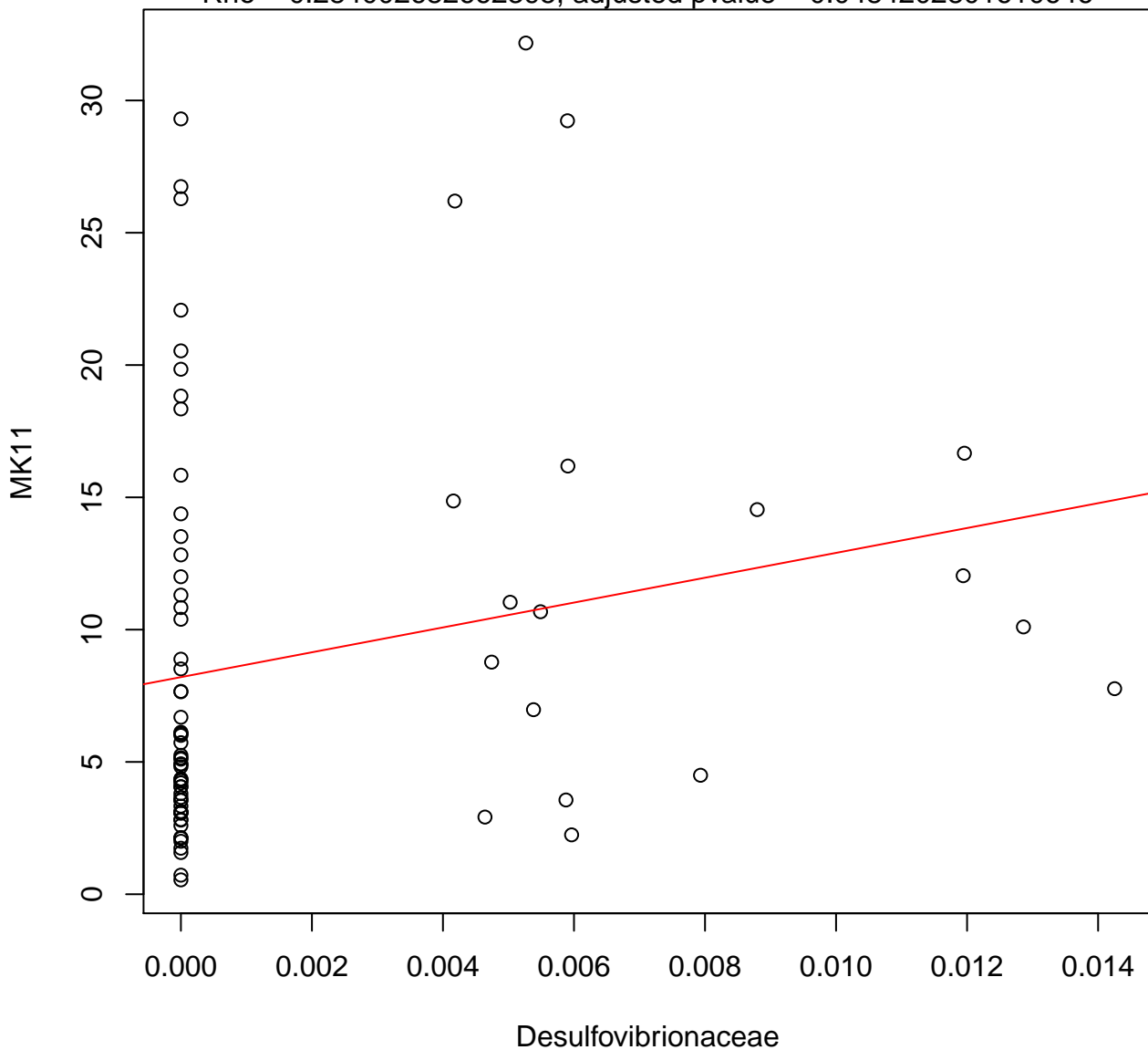
Timepoint 2 , MK11 ~ Oxalobacter

Rho = 0.313198451421787, adjusted pvalue = 0.0276314241887058



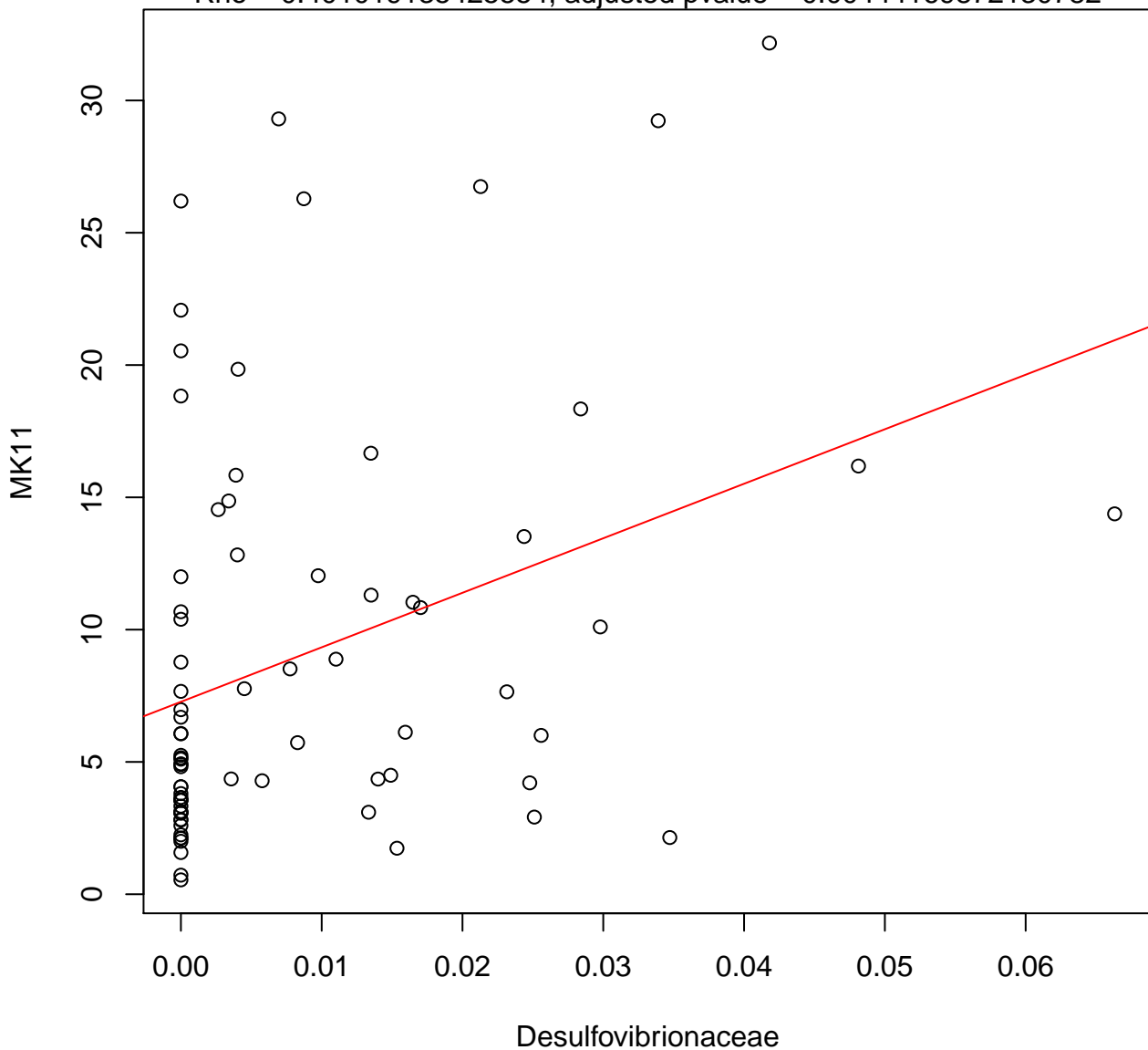
Timepoint 2 , MK11 ~ Desulfovibrionaceae

Rho = 0.284002682662395, adjusted pvalue = 0.0484202801610646



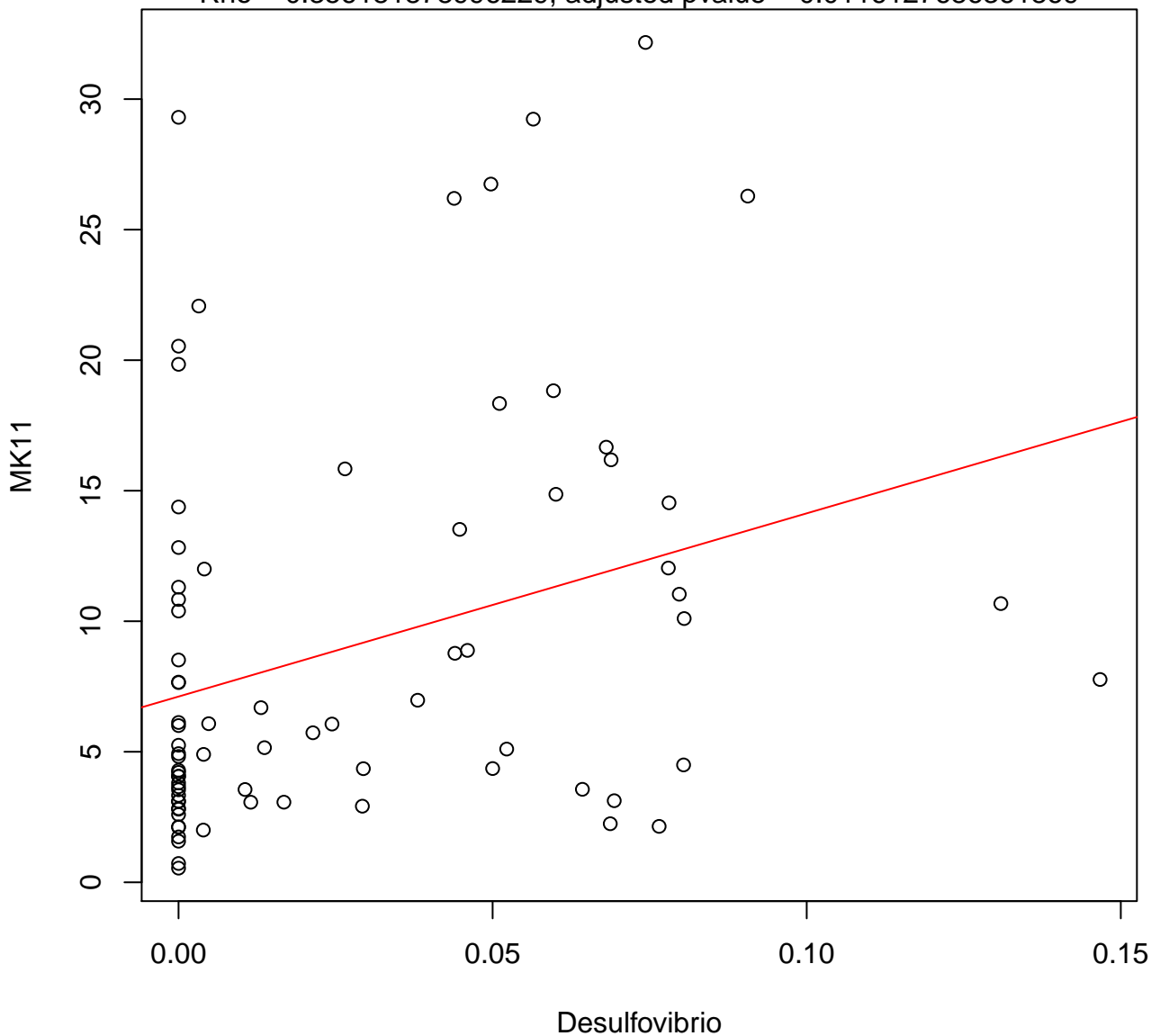
Timepoint 2 , MK11 ~ Desulfovibrionaceae

Rho = 0.401019135425554, adjusted pvalue = 0.00444169872130782



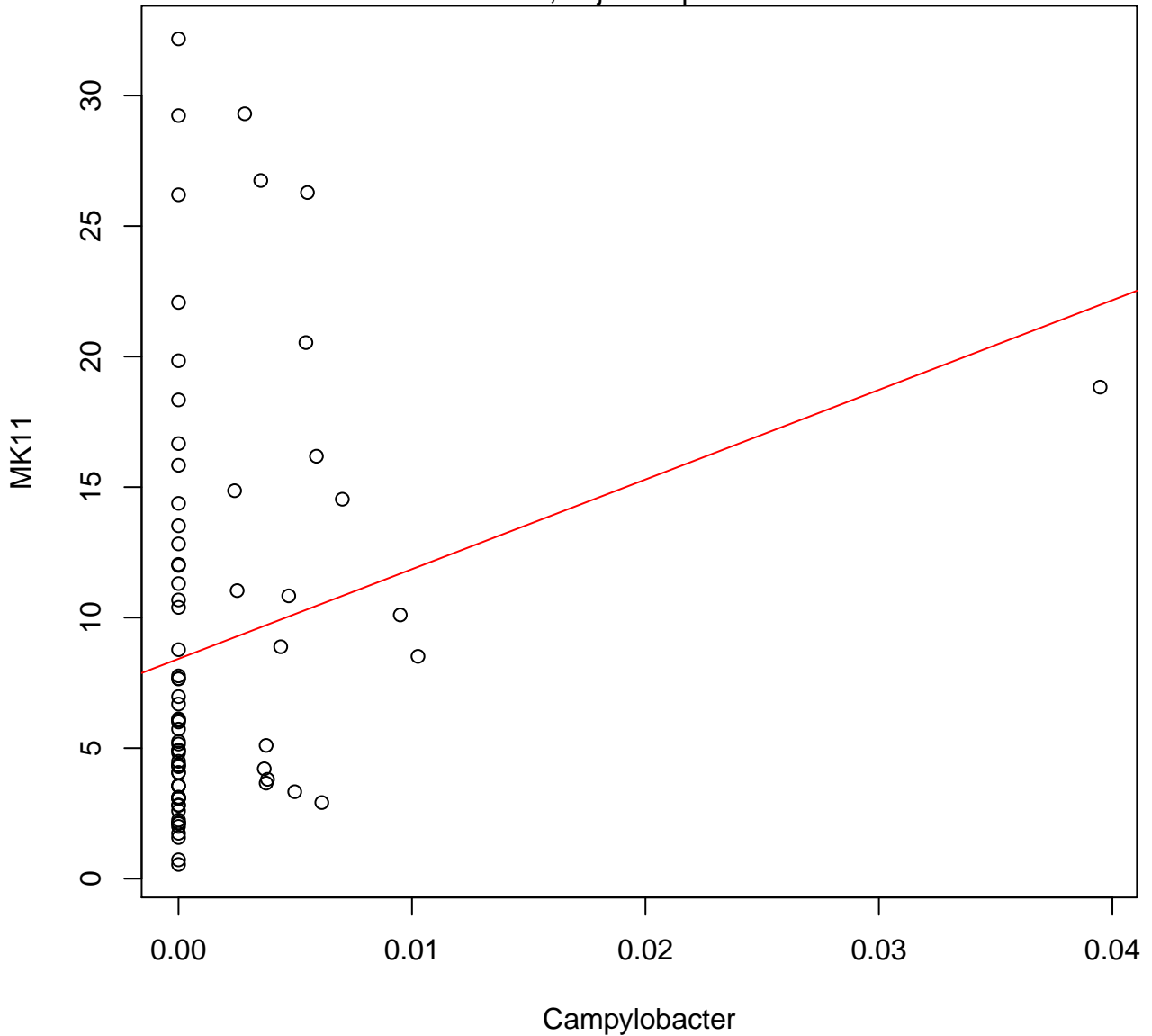
Timepoint 2 , MK11 ~ Desulfovibrio

Rho = 0.356181878996229, adjusted pvalue = 0.0116127686361869



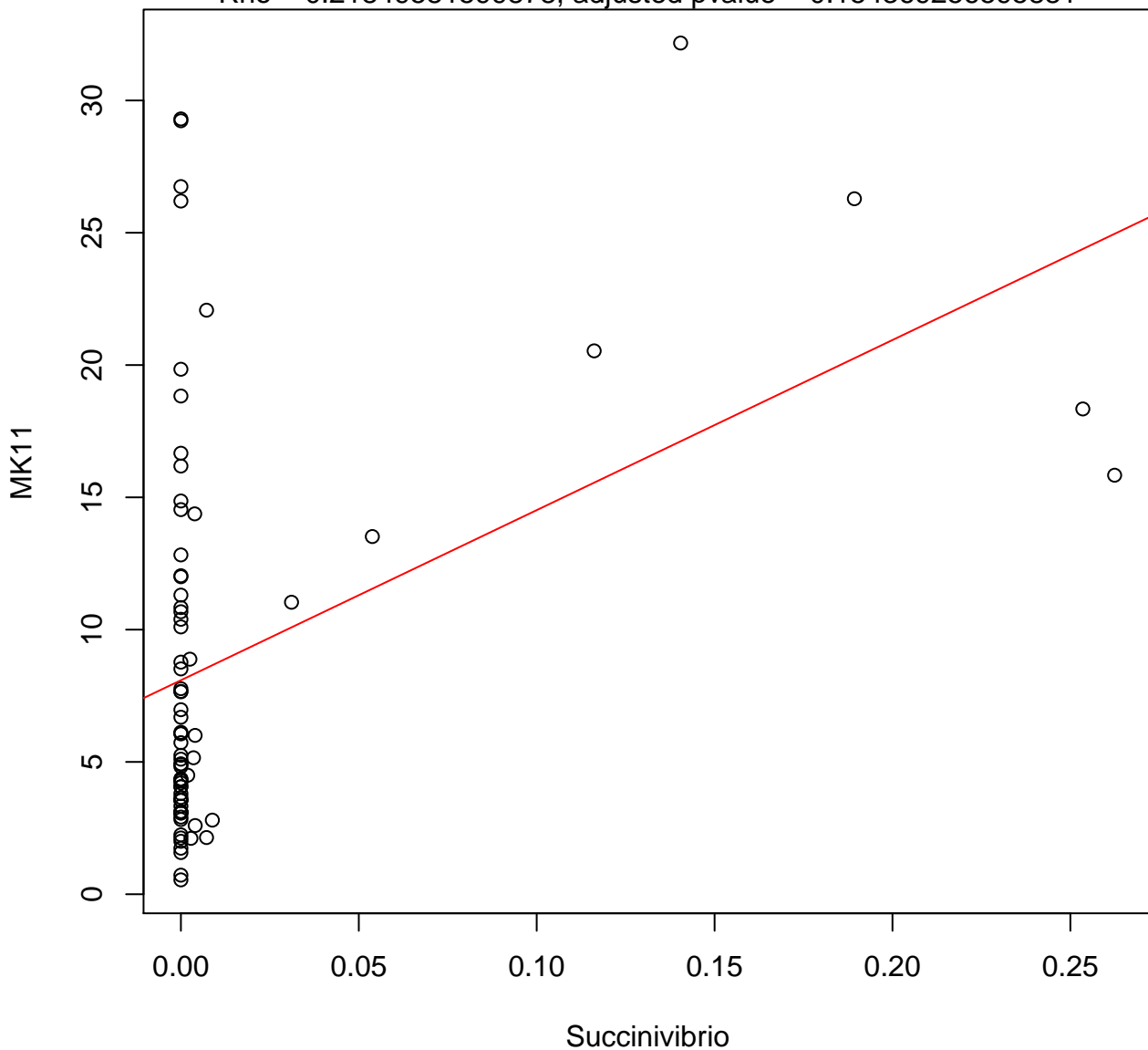
Timepoint 2 , MK11 ~ Campylobacter

Rho = 0.280054910013251, adjusted pvalue = 0.0513509269374098



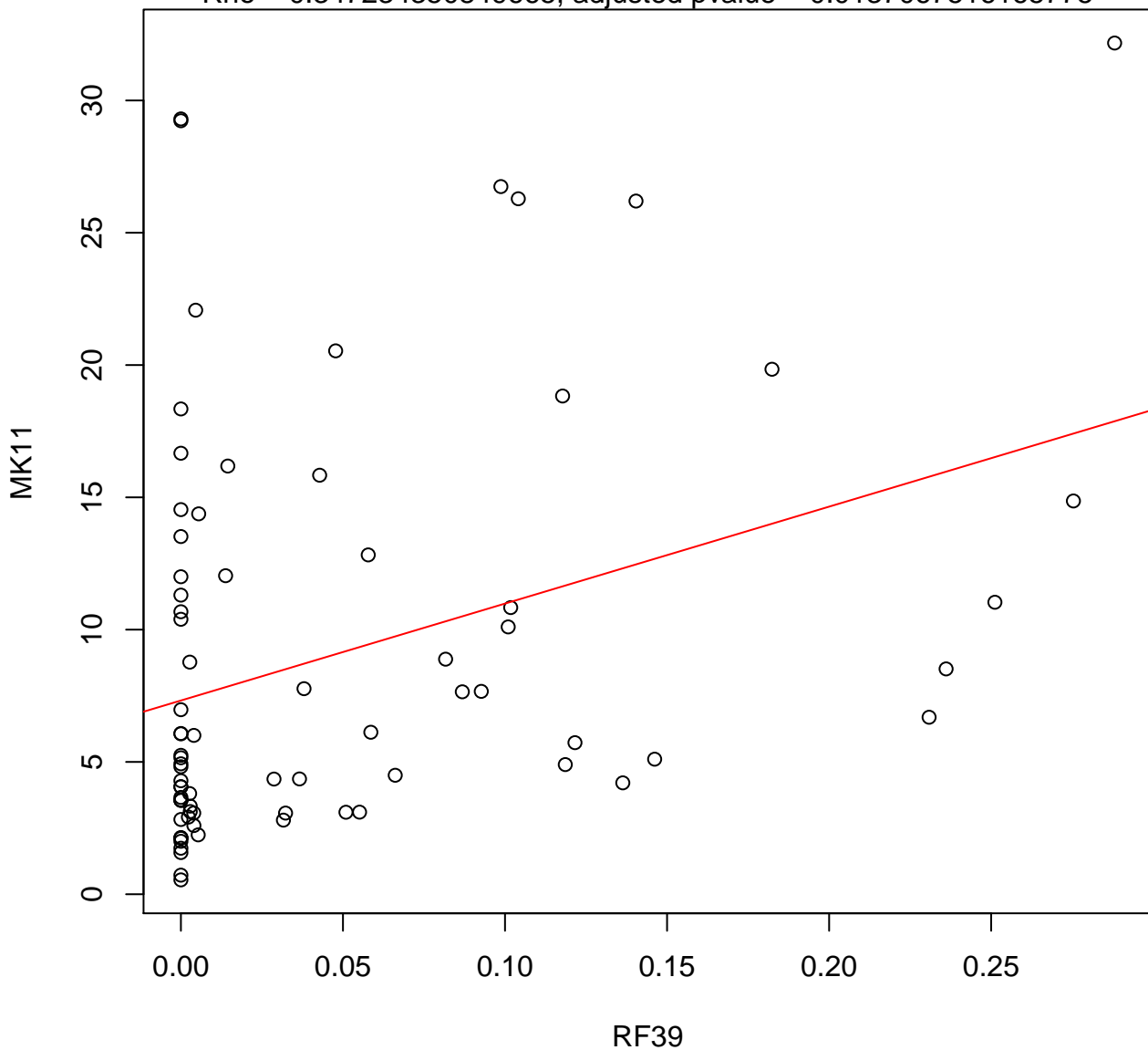
Timepoint 2 , MK11 ~ Succinivibrio

Rho = 0.21849581599878, adjusted pvalue = 0.154369256595881



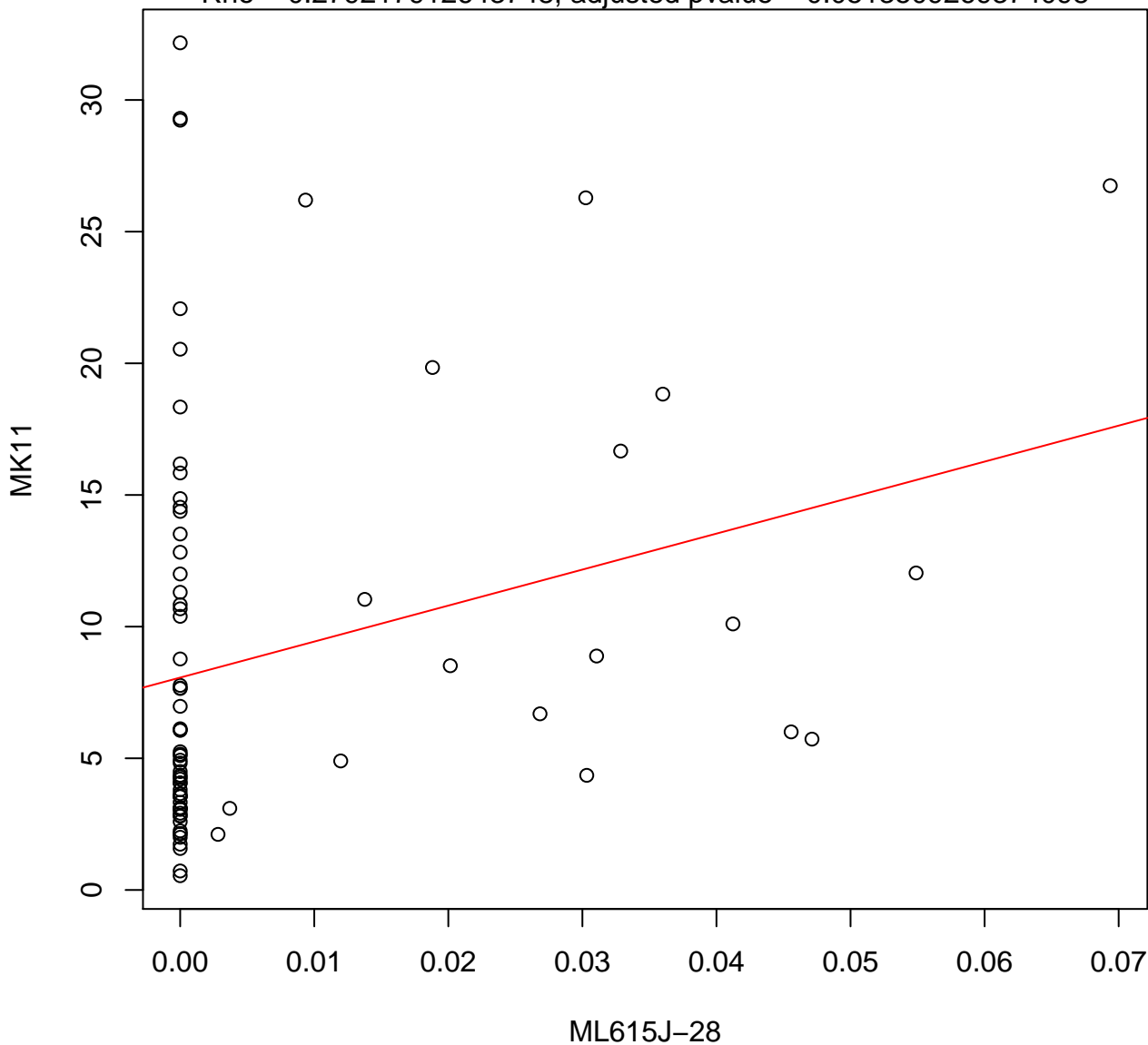
Timepoint 2 , MK11 ~ RF39

Rho = 0.347234350849665, adjusted pvalue = 0.0137067516165775



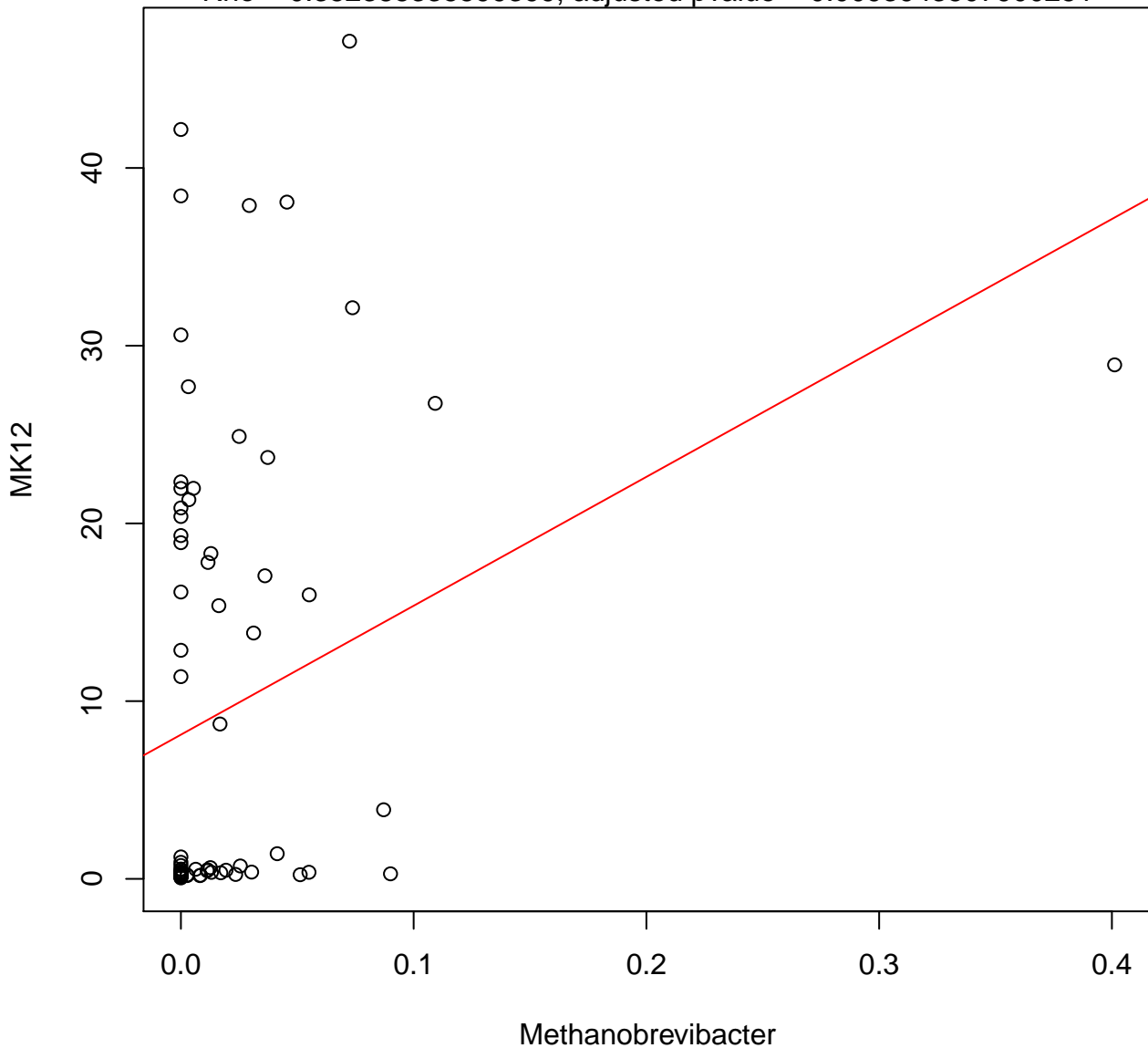
Timepoint 2 , MK11 ~ ML615J-28

Rho = 0.279217912643748, adjusted pvalue = 0.0513509269374098



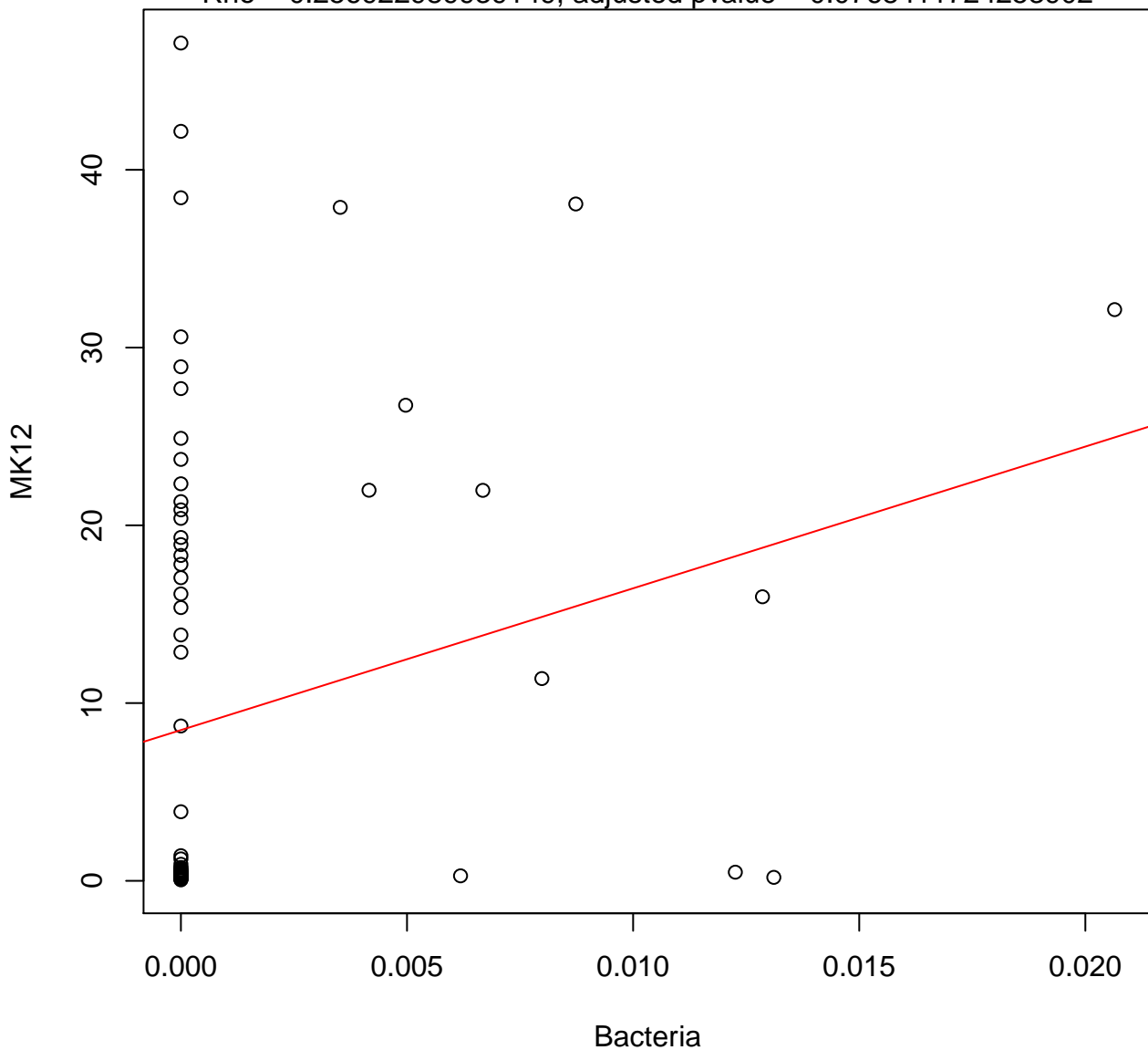
Timepoint 2 , MK12 ~ Methanobrevibacter

Rho = 0.352385335599399, adjusted pvalue = 0.0093943507900251



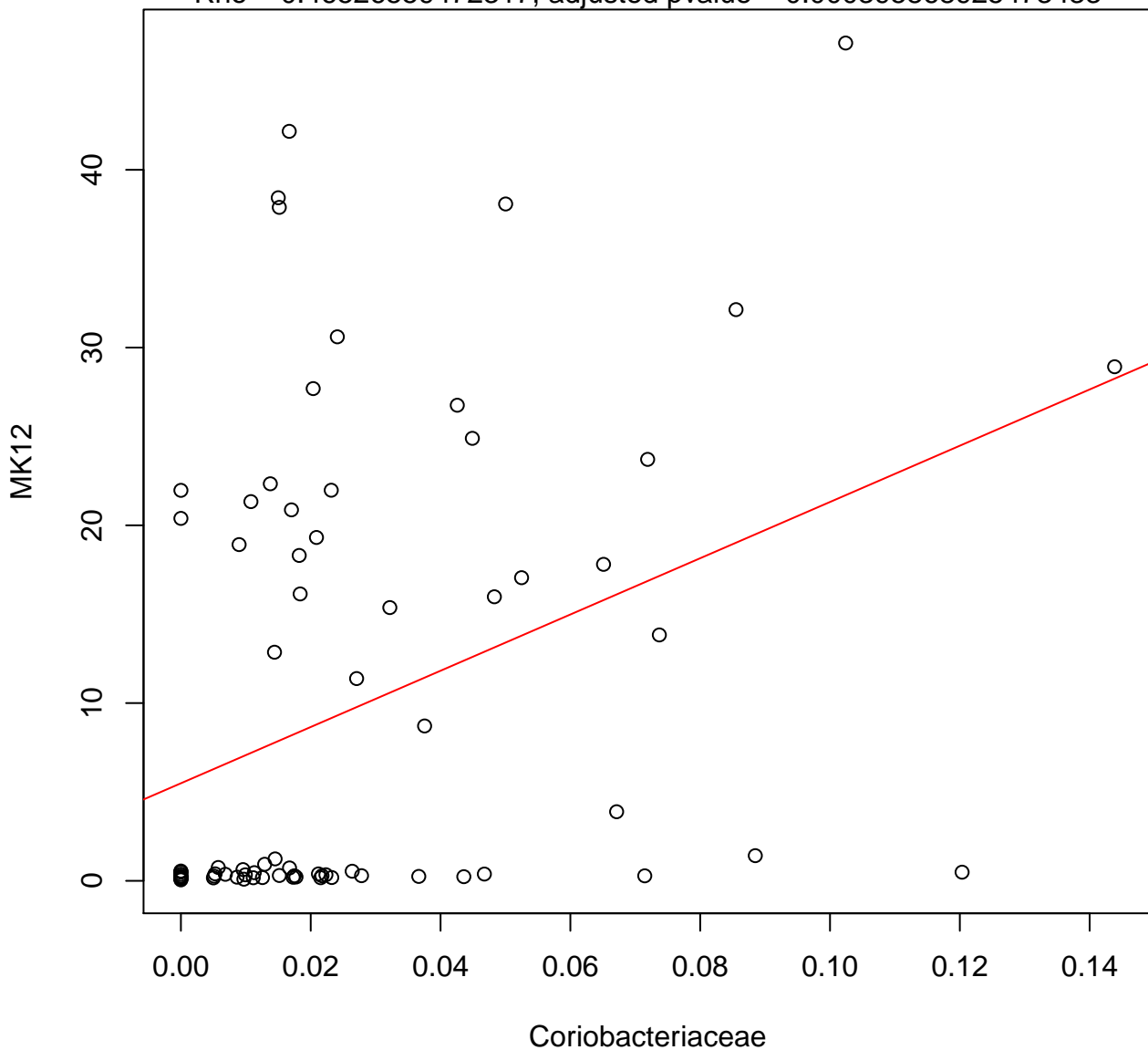
Timepoint 2 , MK12 ~ Bacteria

Rho = 0.256922989939149, adjusted pvalue = 0.0768411724253902



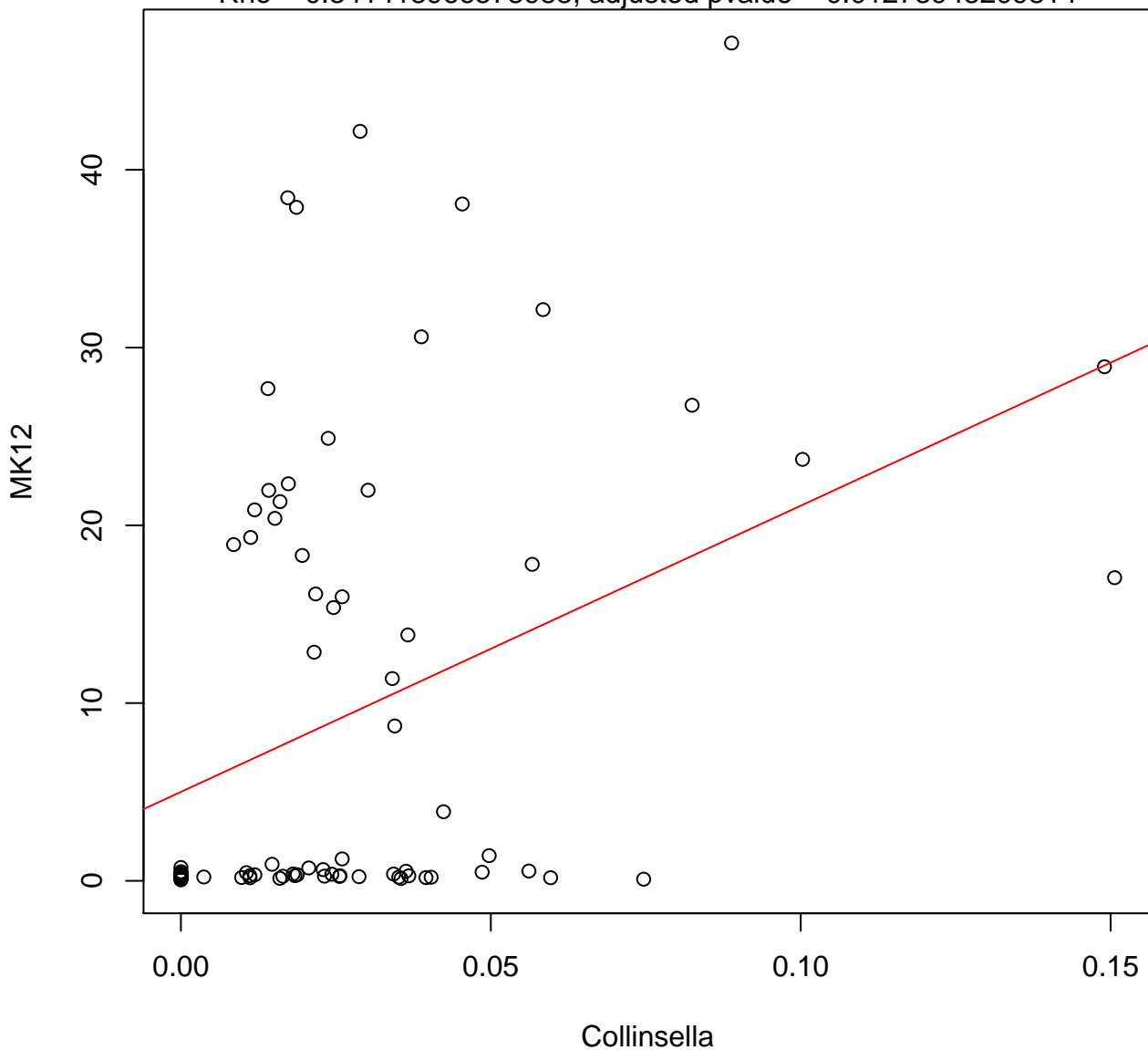
Timepoint 2 , MK12 ~ Coriobacteriaceae

Rho = 0.46526559472317, adjusted pvalue = 0.000395868925473433



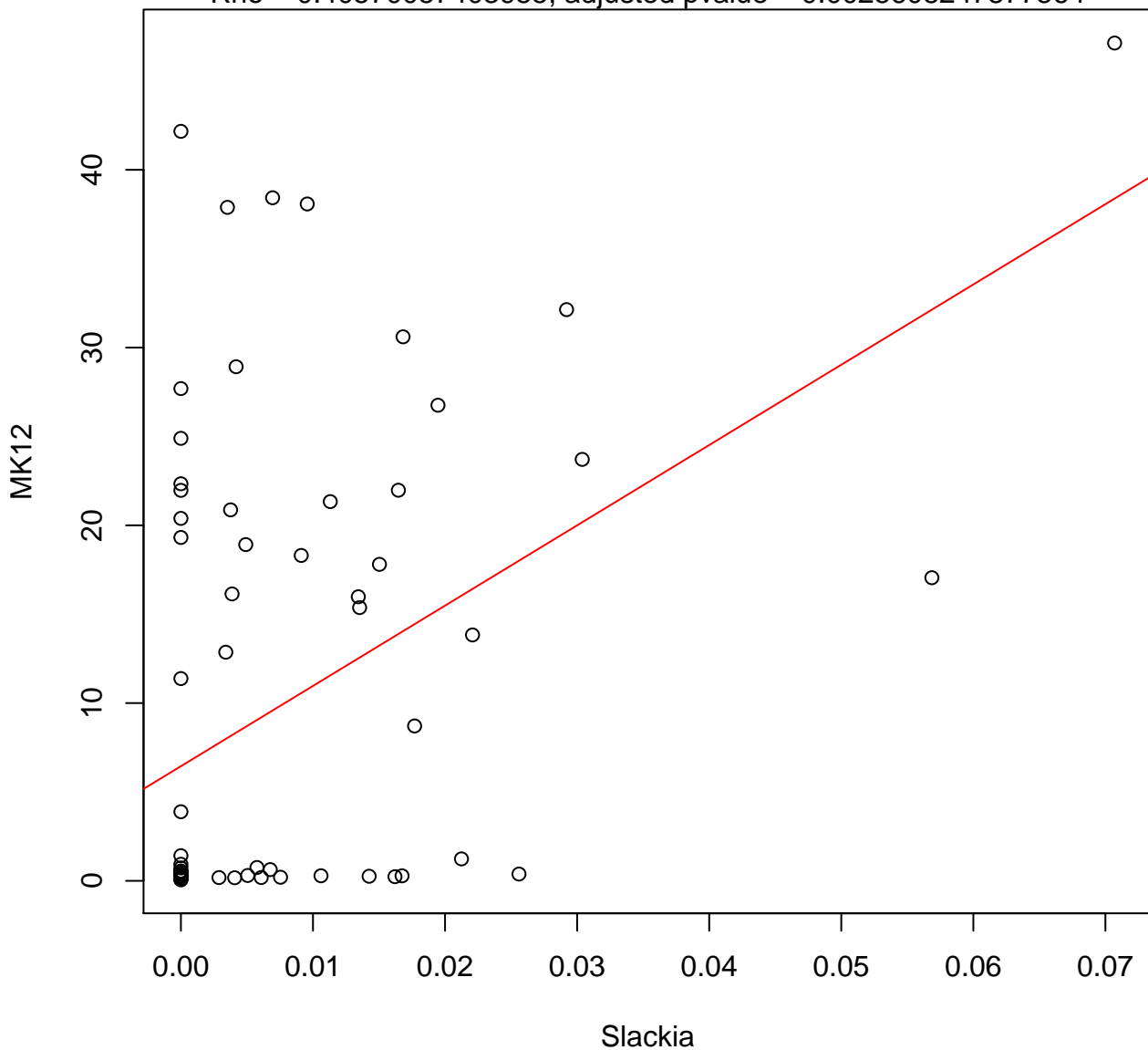
Timepoint 2 , MK12 ~ Collinsella

Rho = 0.341418966573988, adjusted pvalue = 0.01273948209814



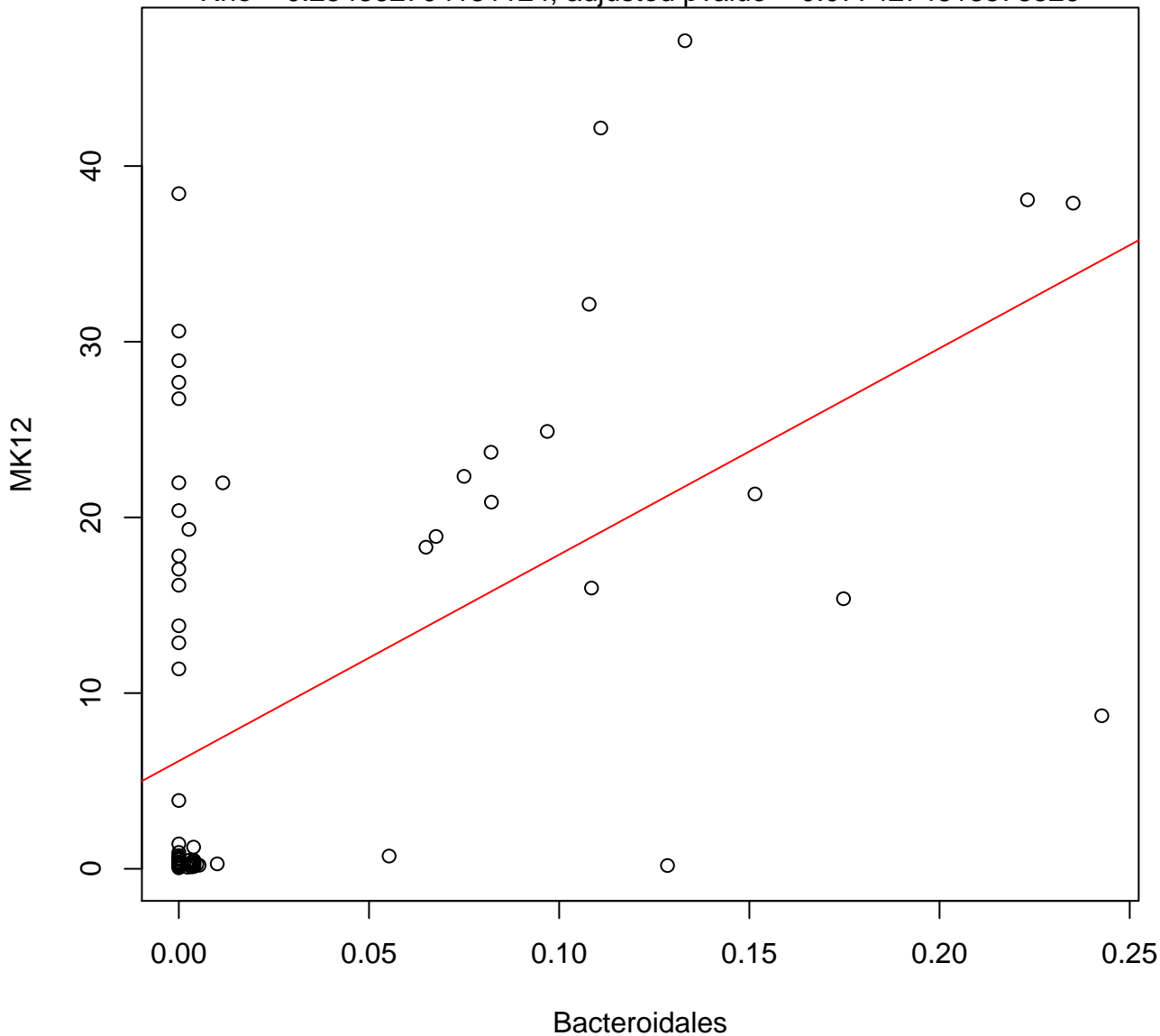
Timepoint 2 , MK12 ~ Slackia

Rho = 0.40570057403955, adjusted pvalue = 0.0025608247877564



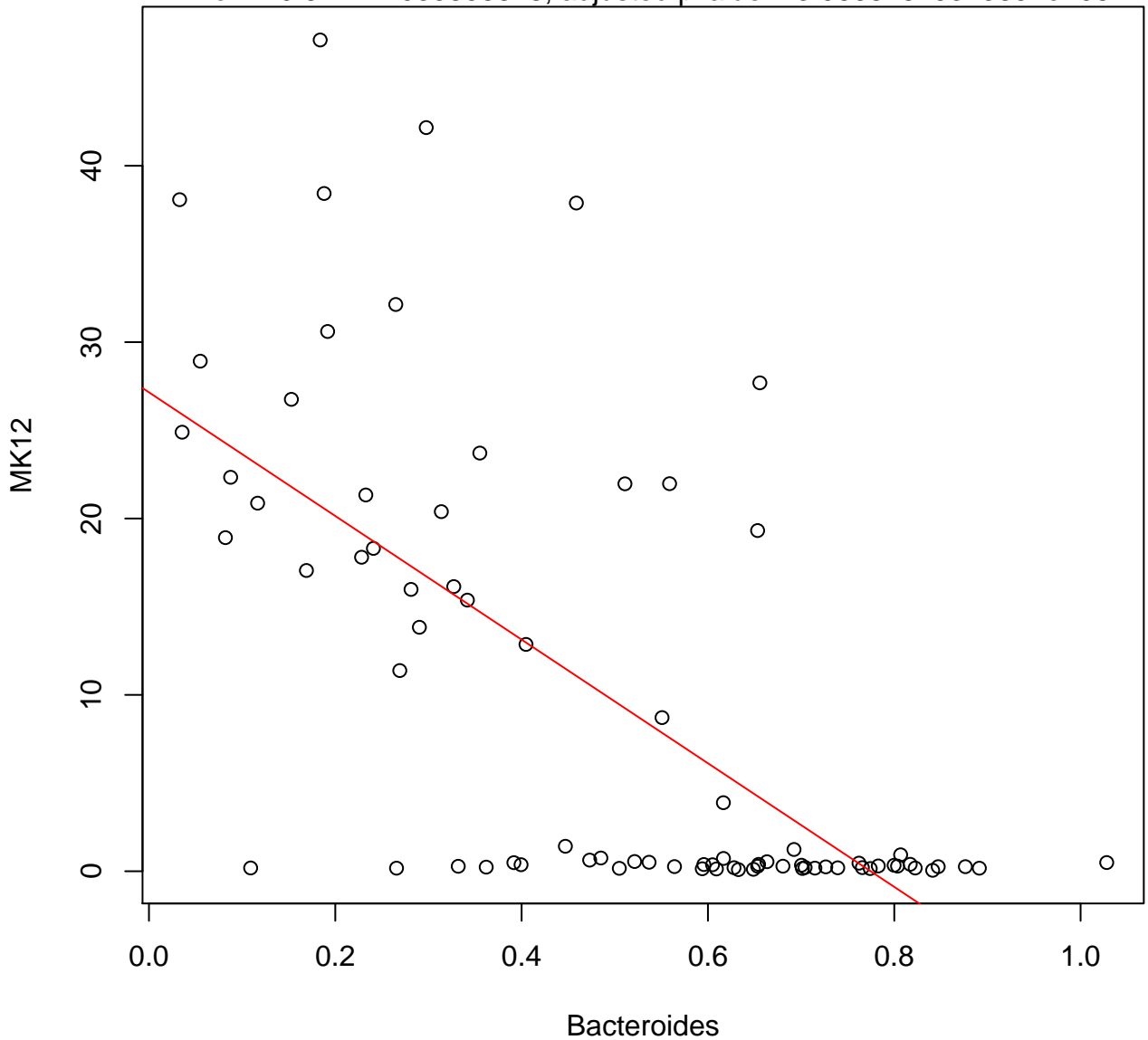
Timepoint 2 , MK12 ~ Bacteroidales

Rho = 0.254362704131124, adjusted pvalue = 0.0774274813578529



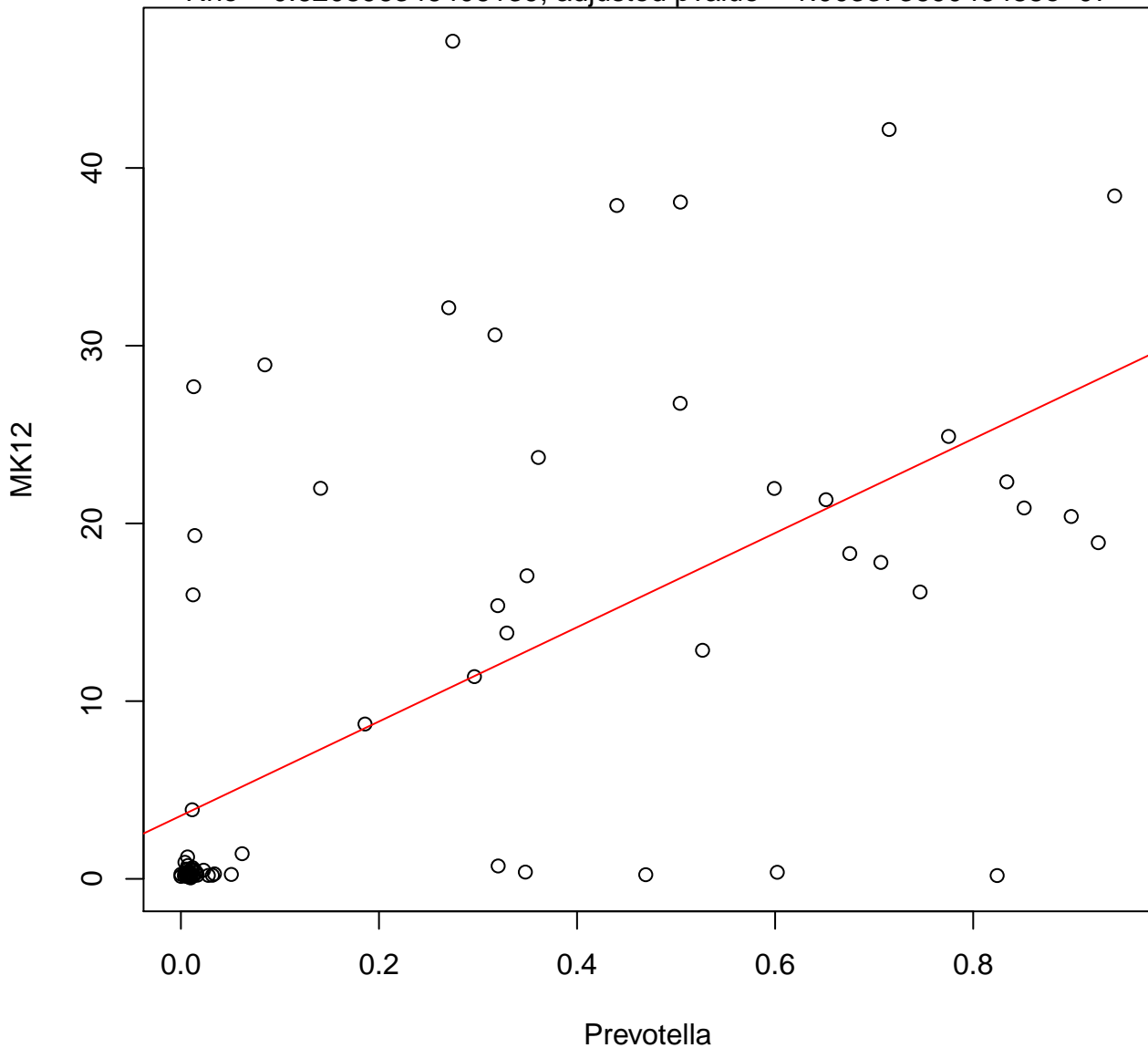
Timepoint 2 , MK12 ~ Bacteroides

Rho = -0.641122035858878 , adjusted pvalue = $3.96684629313854e-08$



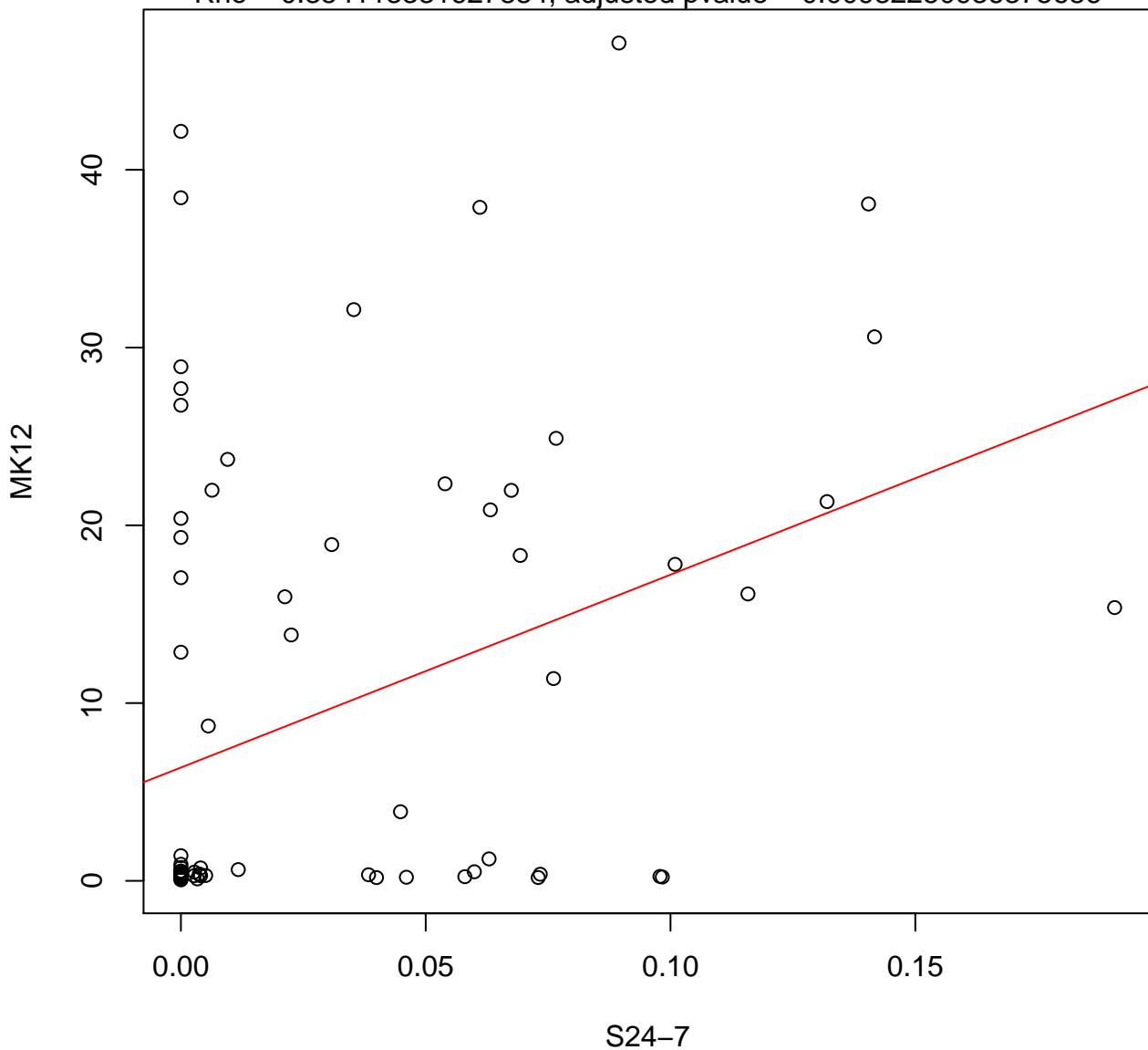
Timepoint 2 , MK12 ~ Prevotella

Rho = 0.620896346406139, adjusted pvalue = 1.00337369046488e-07



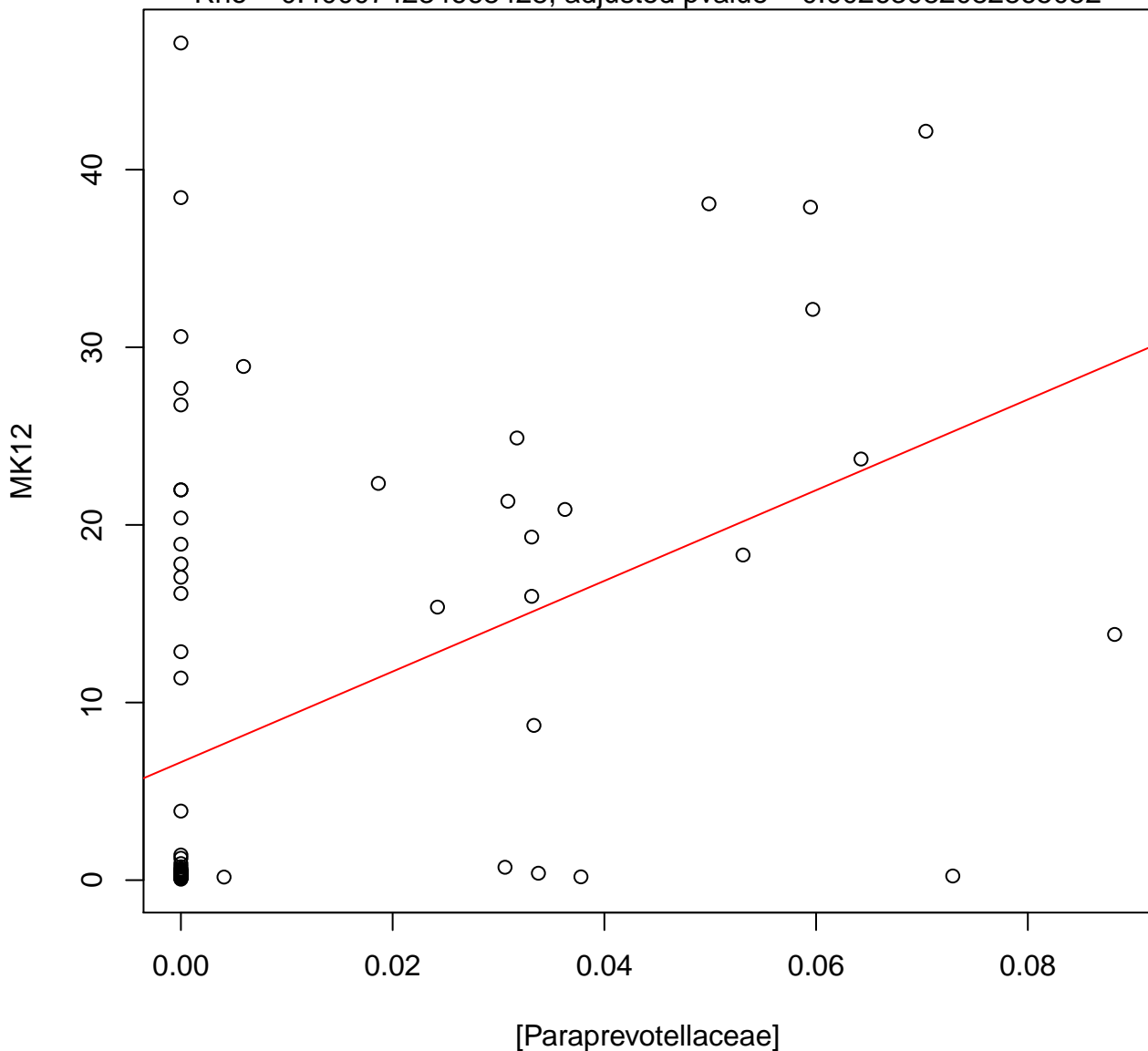
Timepoint 2 , MK12 ~ S24-7

Rho = 0.354113331627834, adjusted pvalue = 0.00932250936375686



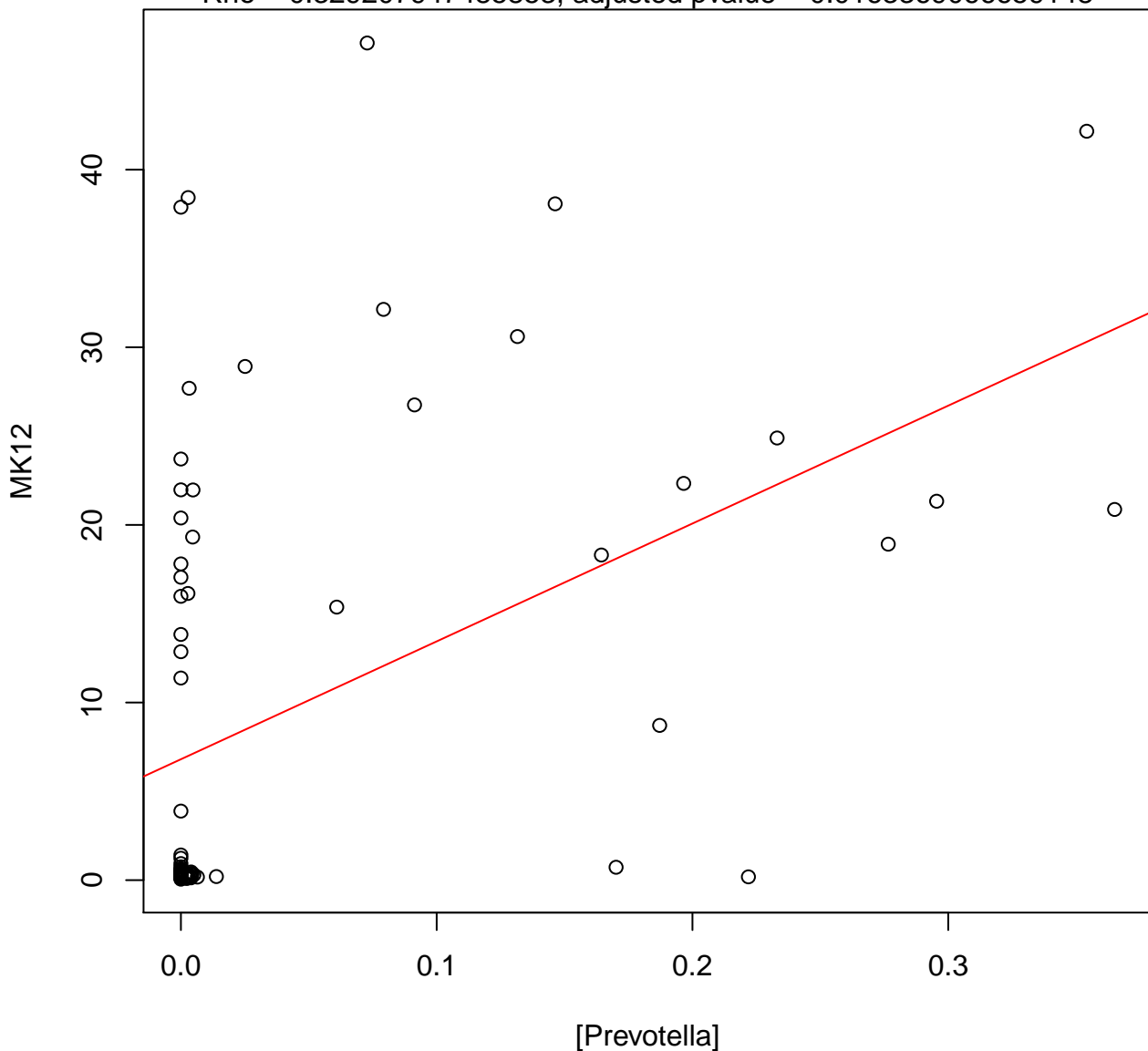
Timepoint 2 , MK12 ~ [Paraprevotellaceae]

Rho = 0.400074234668428, adjusted pvalue = 0.00263082082865052



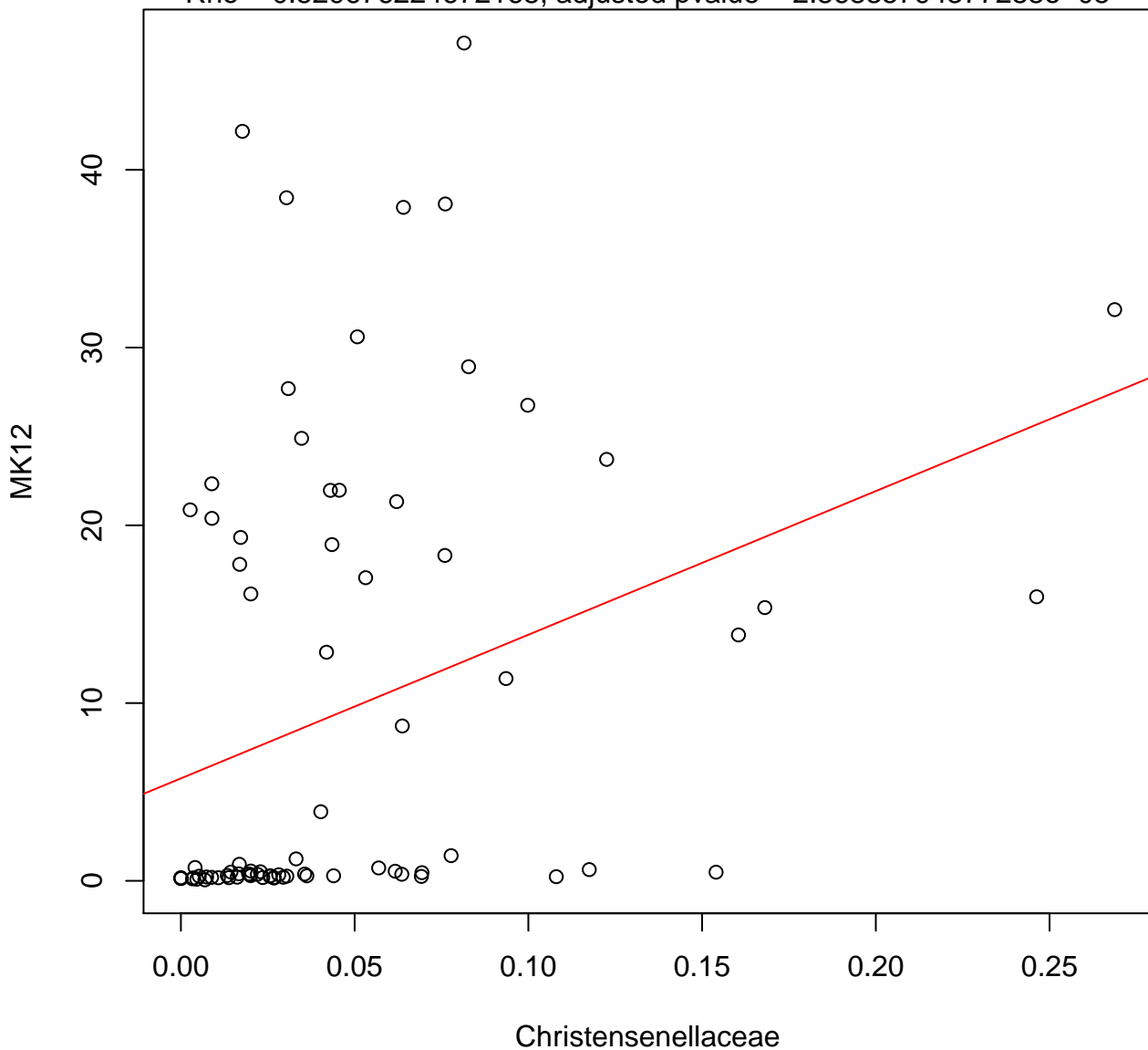
Timepoint 2 , MK12 ~ [Prevotella]

Rho = 0.329207947485853, adjusted pvalue = 0.0163369066659148



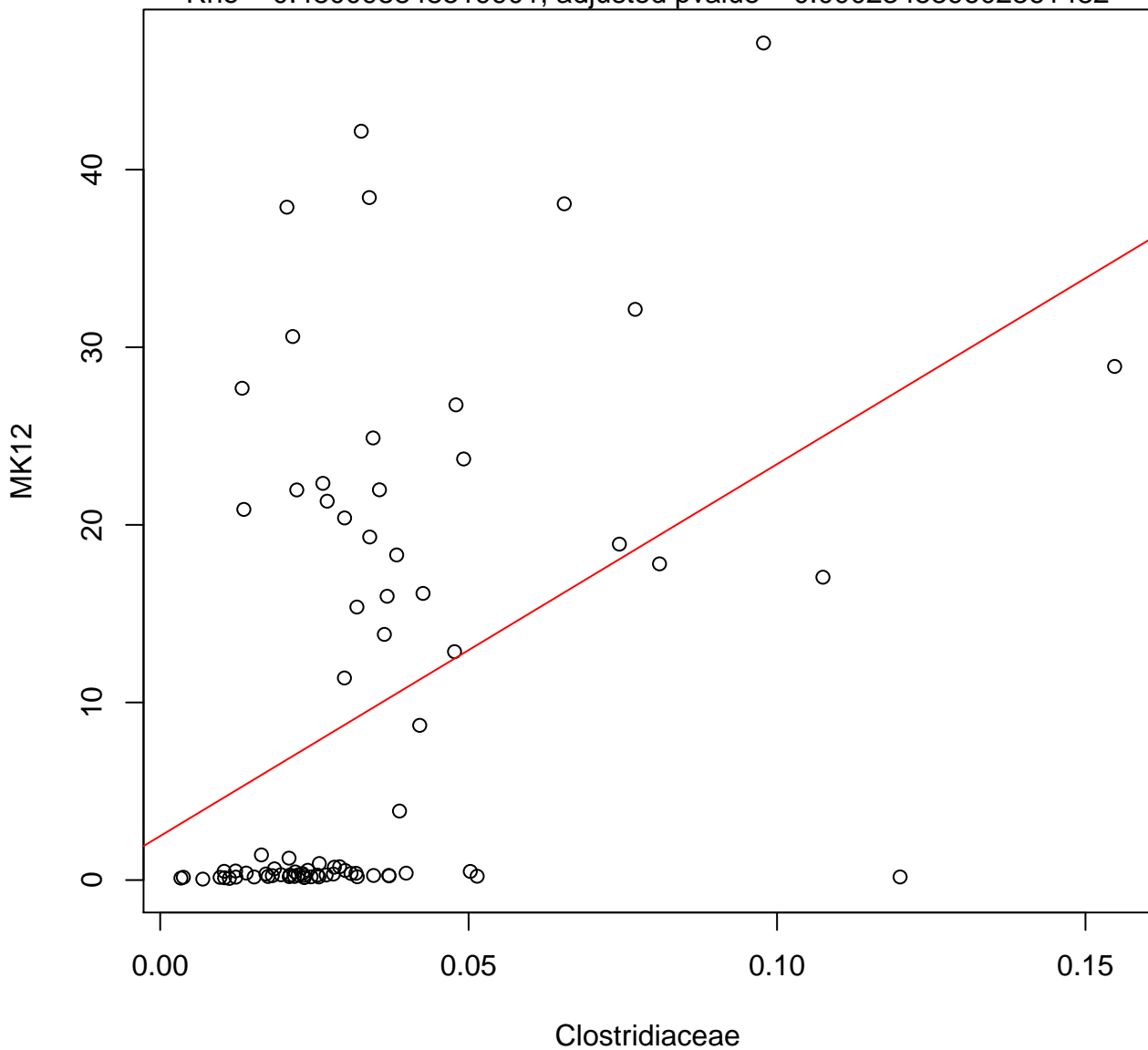
Timepoint 2 , MK12 ~ Christensenellaceae

Rho = 0.529676224672168, adjusted pvalue = 2.86835794377288e-05



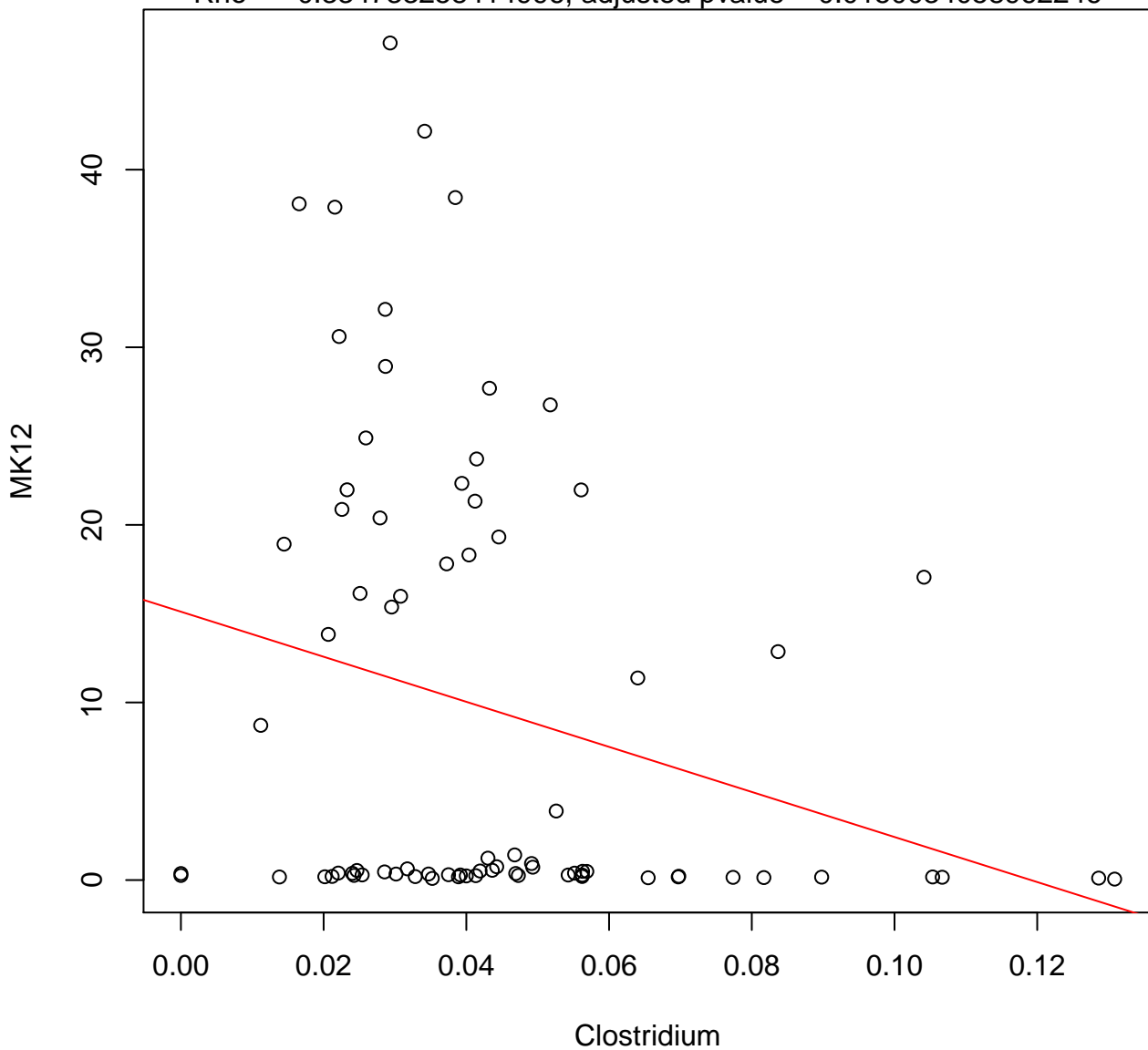
Timepoint 2 , MK12 ~ Clostridiaceae

Rho = 0.480098848519901, adjusted pvalue = 0.000234589602861482



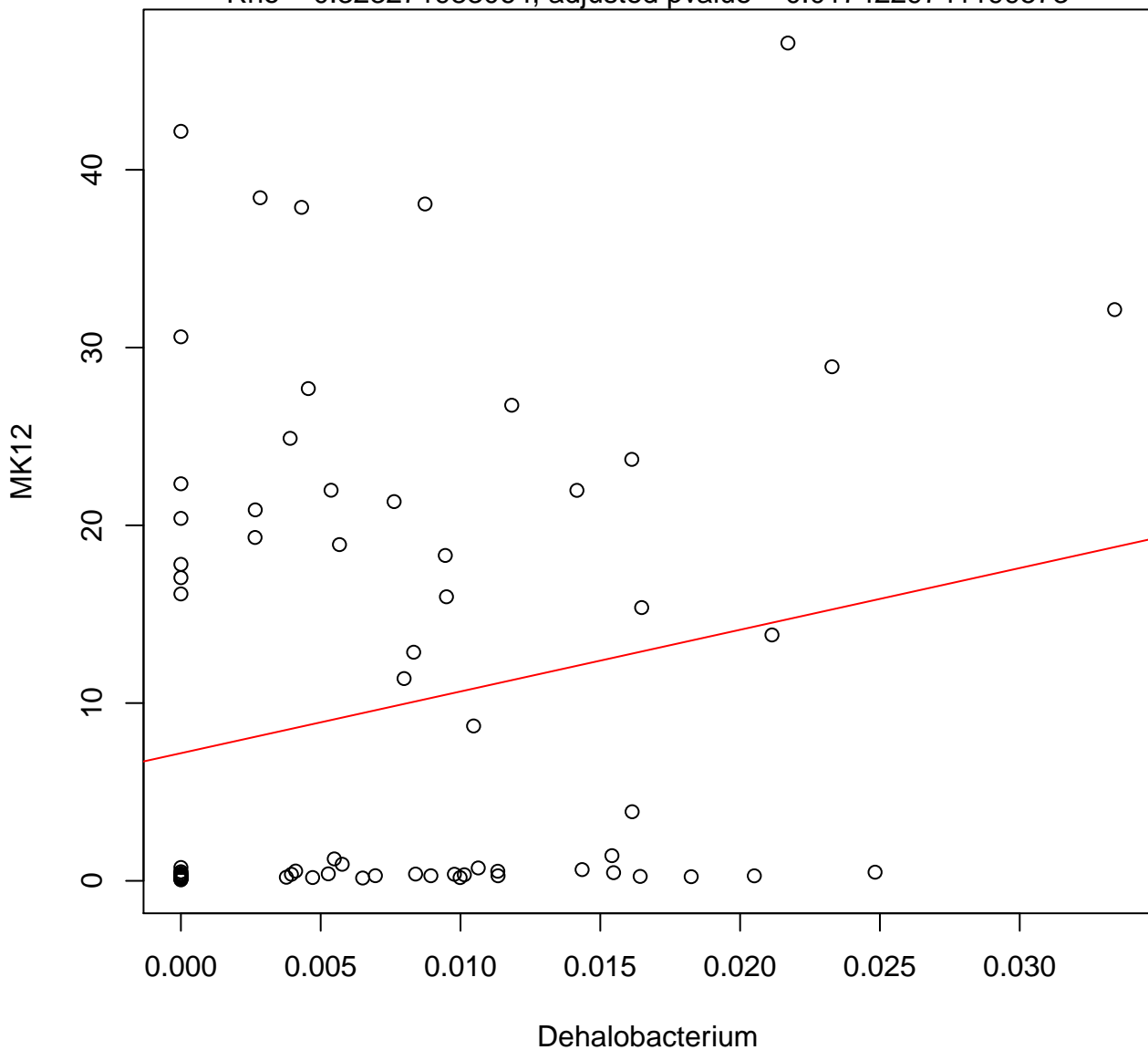
Timepoint 2 , MK12 ~ Clostridium

Rho = -0.334733258414996 , adjusted pvalue = 0.0150034058962246



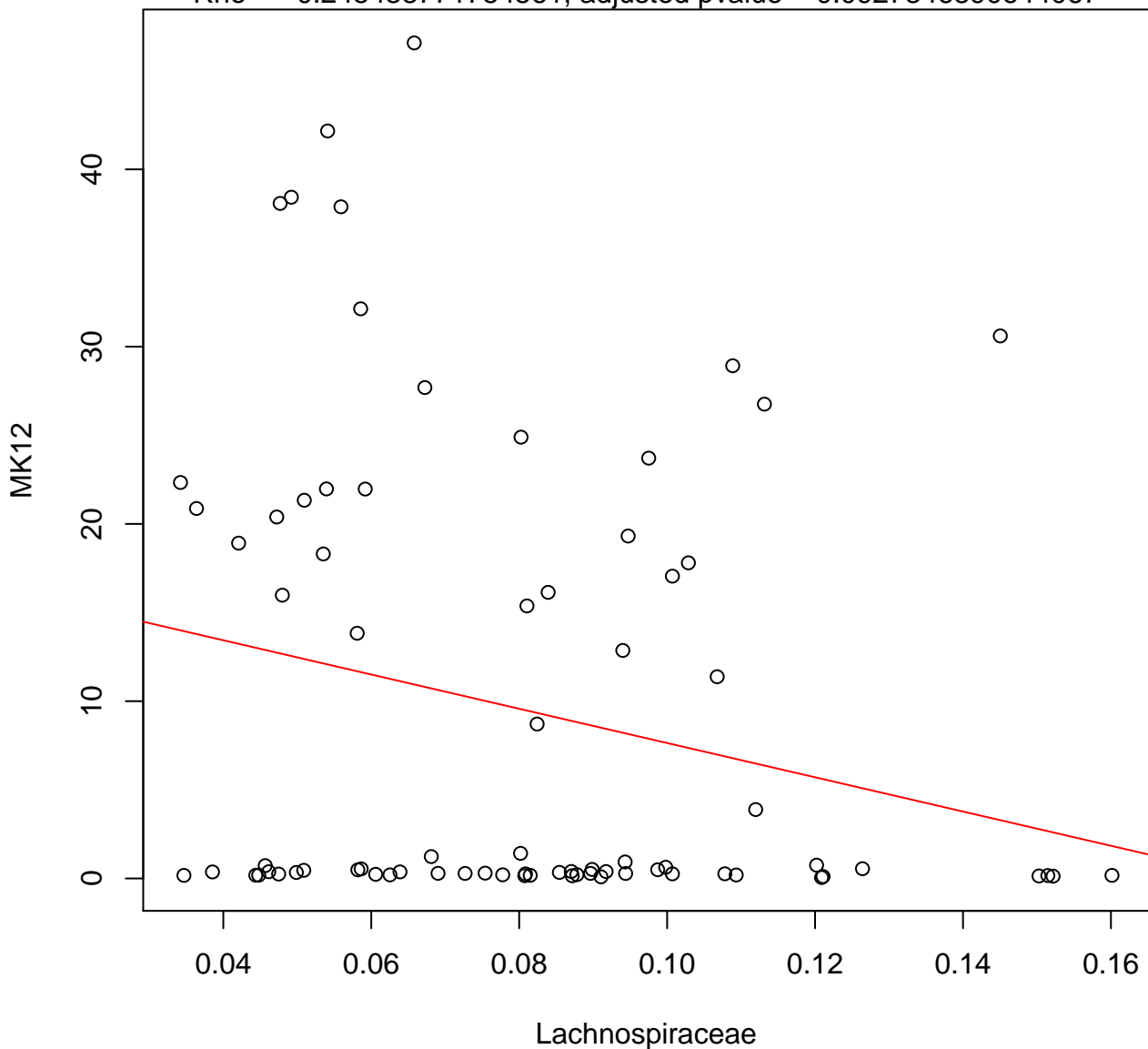
Timepoint 2 , MK12 ~ Dehalobacterium

Rho = 0.323271983064, adjusted pvalue = 0.0174229741199573



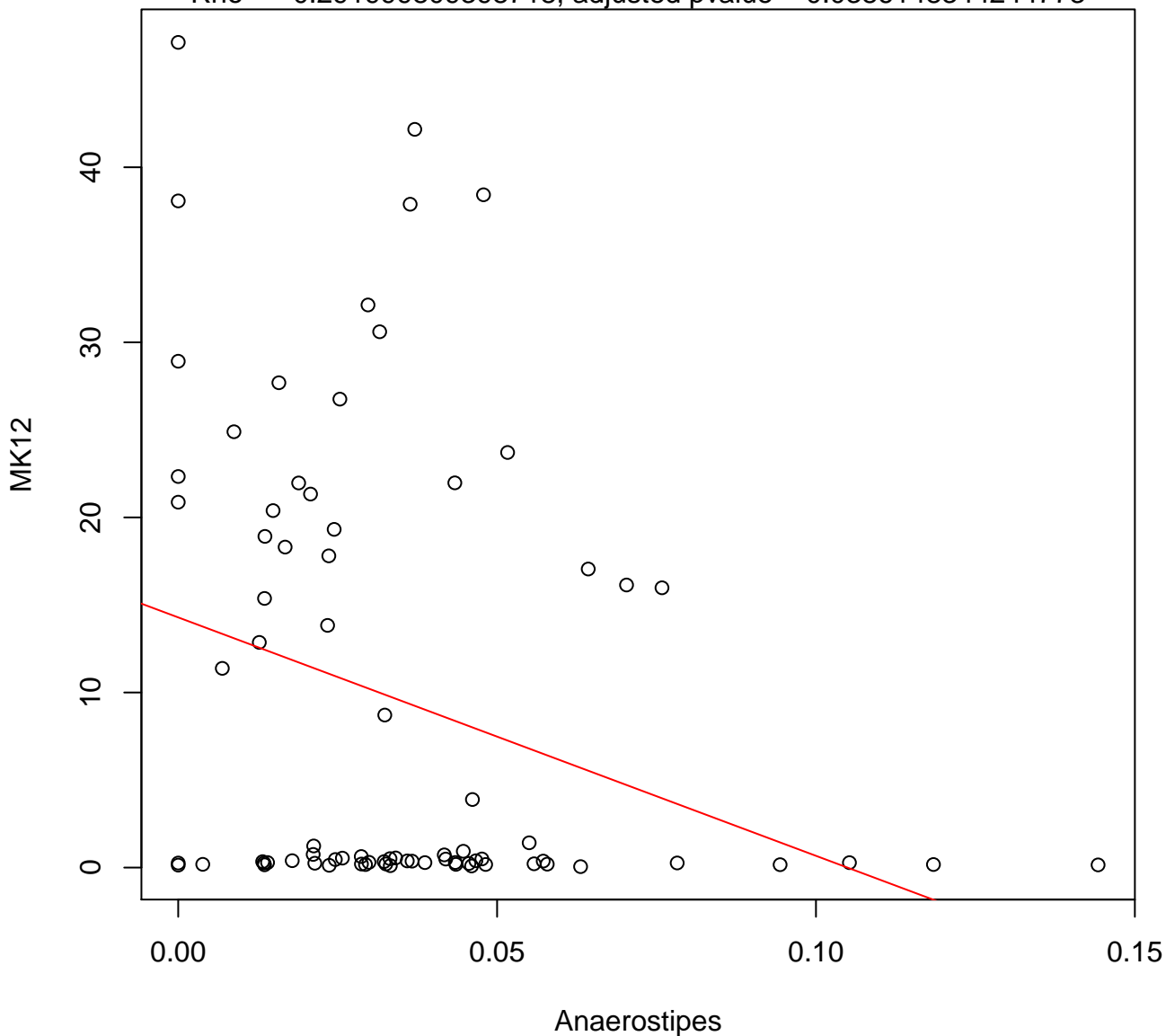
Timepoint 2 , MK12 ~ Lachnospiraceae

Rho = -0.245438771754561 , adjusted pvalue = 0.0927346890644067



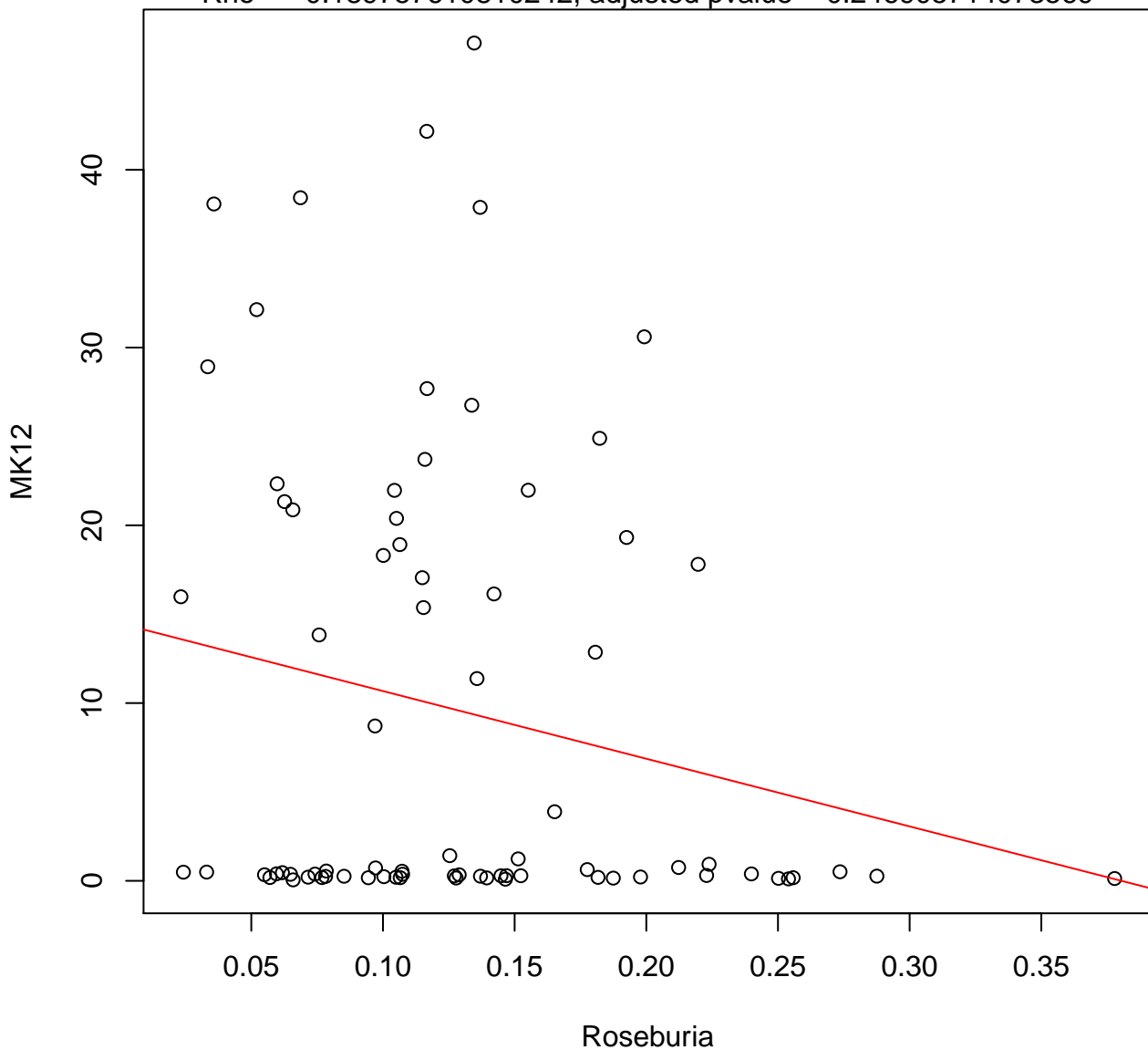
Timepoint 2 , MK12 ~ Anaerostipes

Rho = -0.291999809398718 , adjusted pvalue = 0.0386148344244773



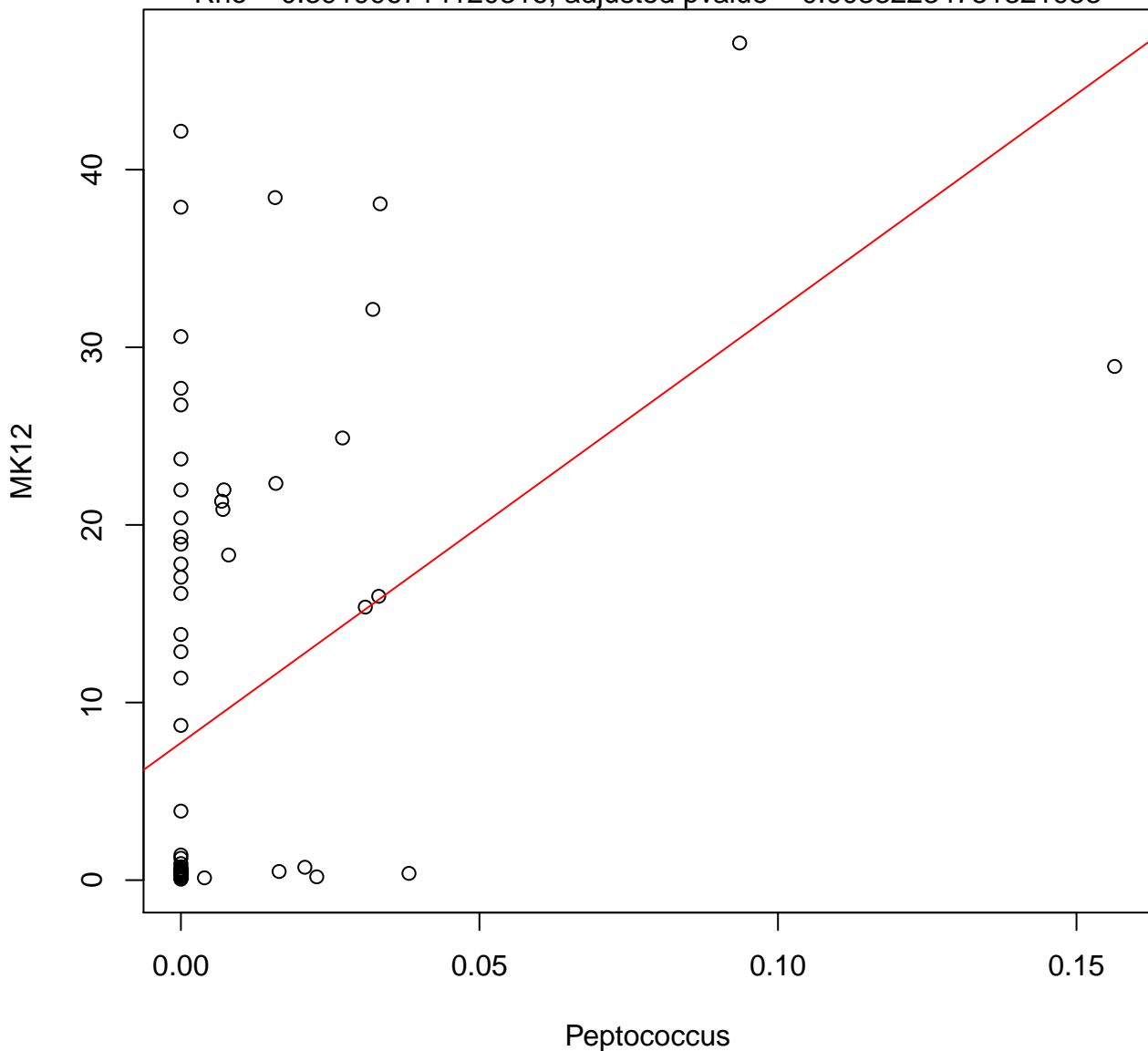
Timepoint 2 , MK12 ~ Roseburia

Rho = -0.189757610810242 , adjusted pvalue = 0.246905714073569



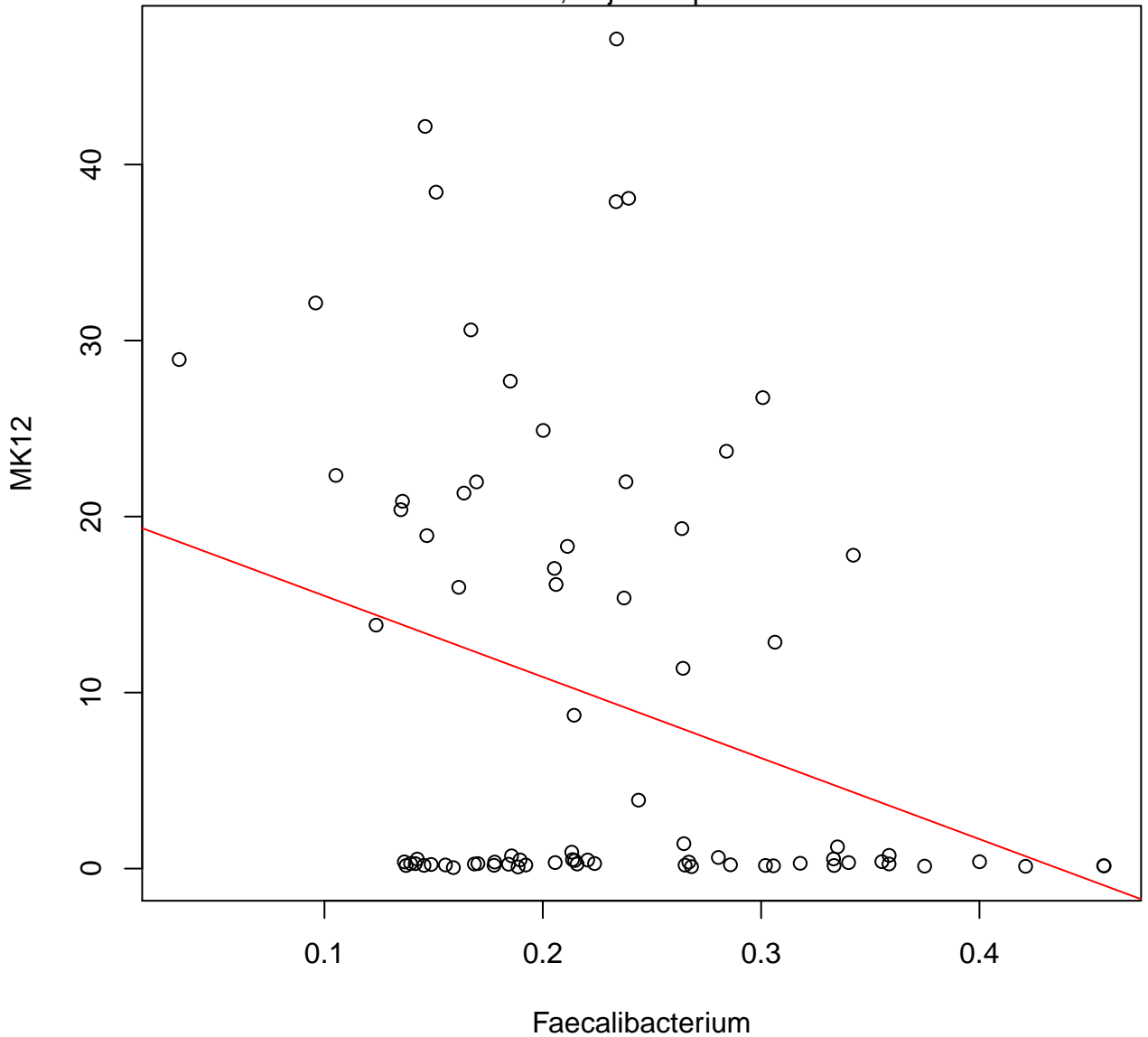
Timepoint 2 , MK12 ~ Peptococcus

Rho = 0.391996714120316, adjusted pvalue = 0.00332234751321953



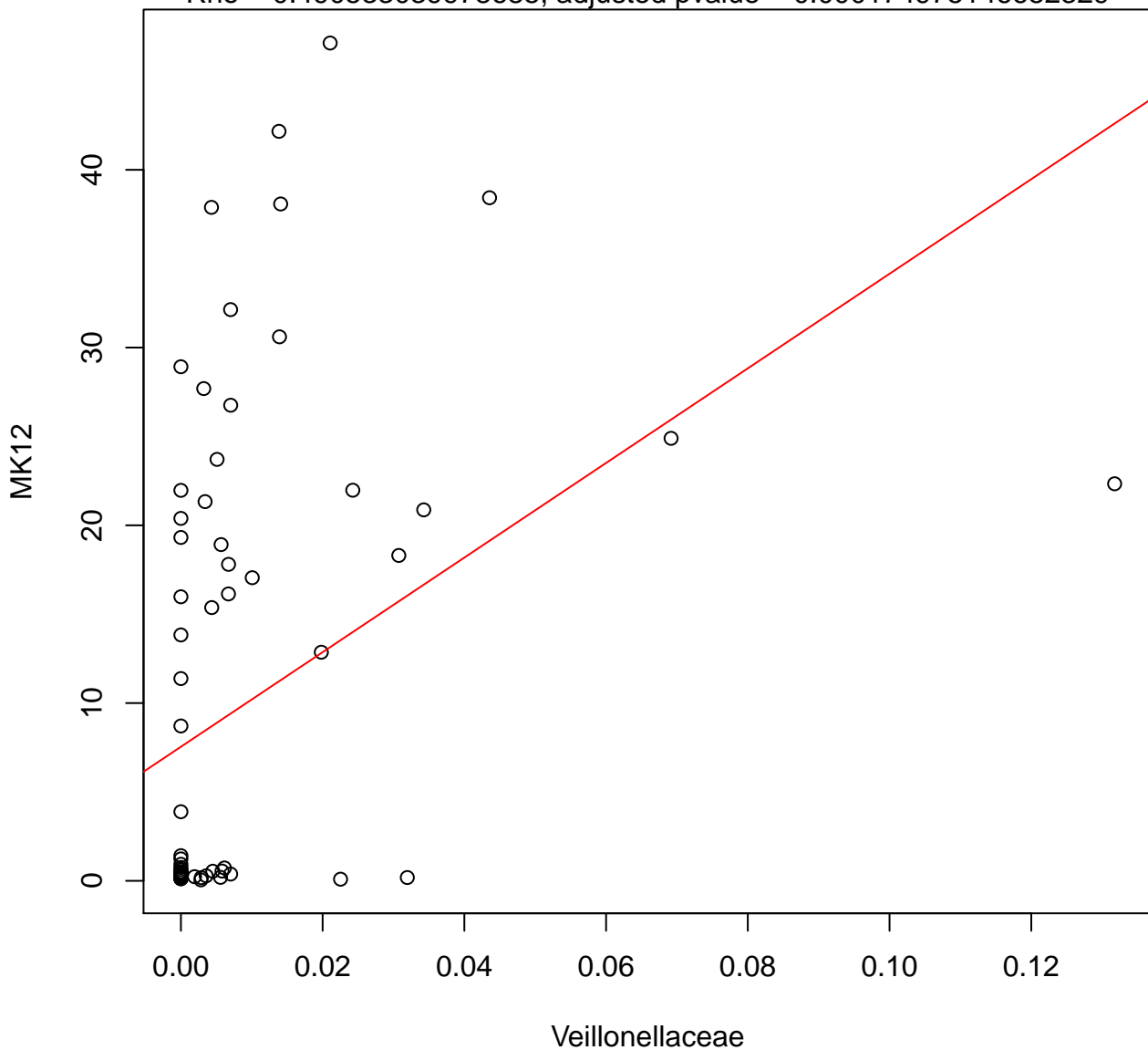
Timepoint 2 , MK12 ~ Faecalibacterium

Rho = -0.255428781744571 , adjusted pvalue = 0.0774274813578529



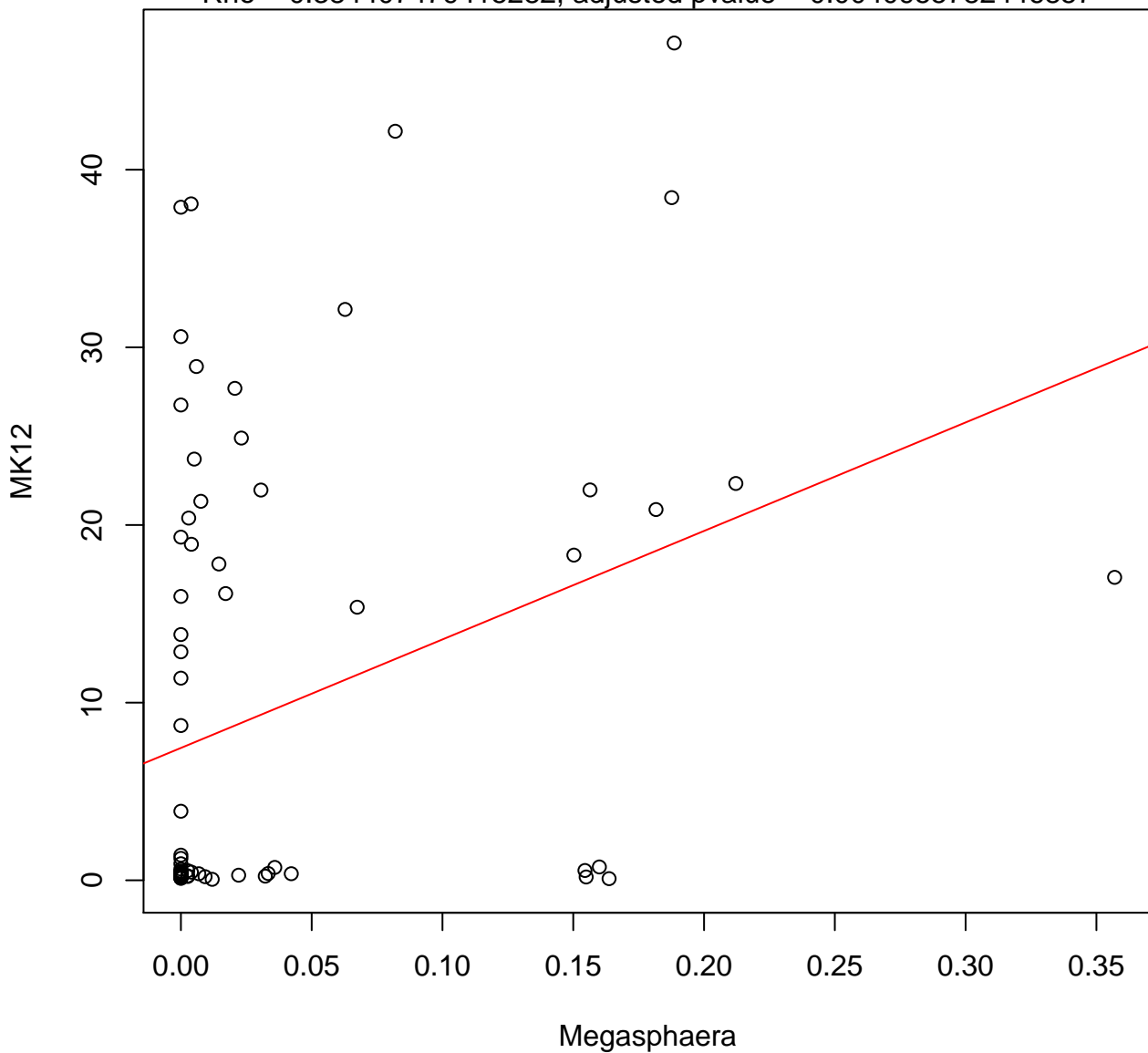
Timepoint 2 , MK12 ~ Veillonellaceae

Rho = 0.490533039978685, adjusted pvalue = 0.000174975146652329



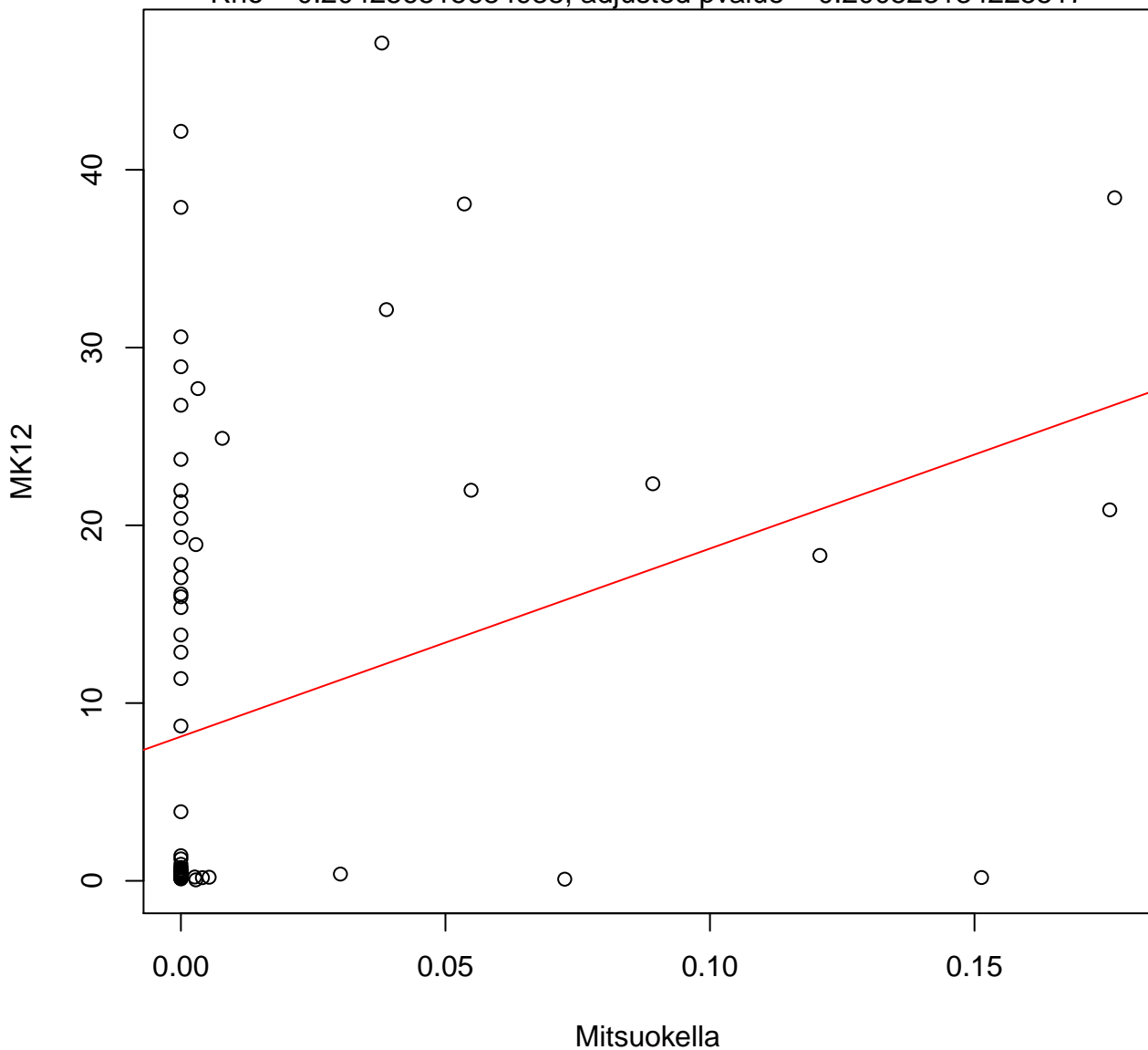
Timepoint 2 , MK12 ~ Megasphaera

Rho = 0.384407479415282, adjusted pvalue = 0.0040955782446857



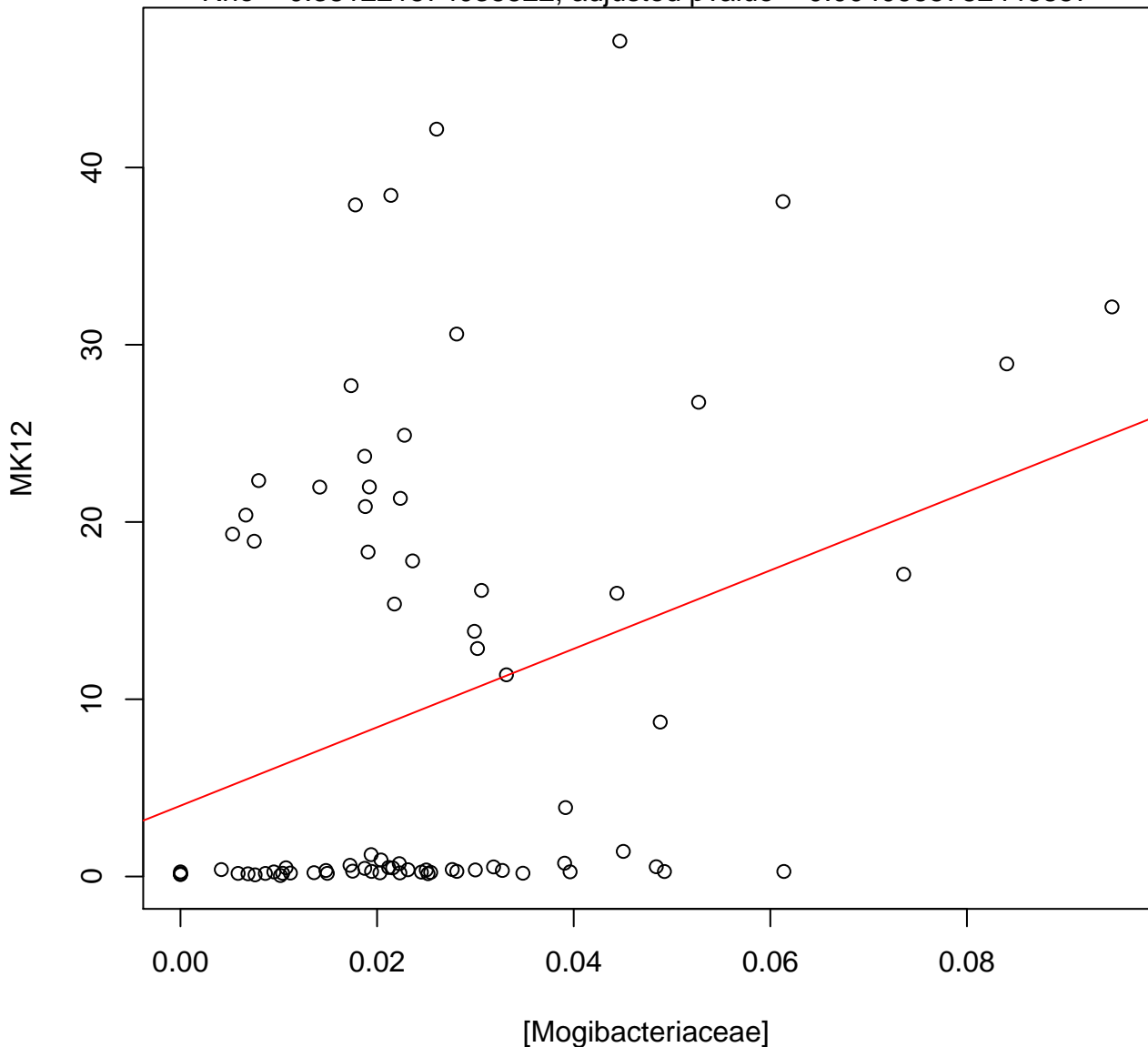
Timepoint 2 , MK12 ~ Mitsuokella

Rho = 0.204256515684935, adjusted pvalue = 0.200523134225517



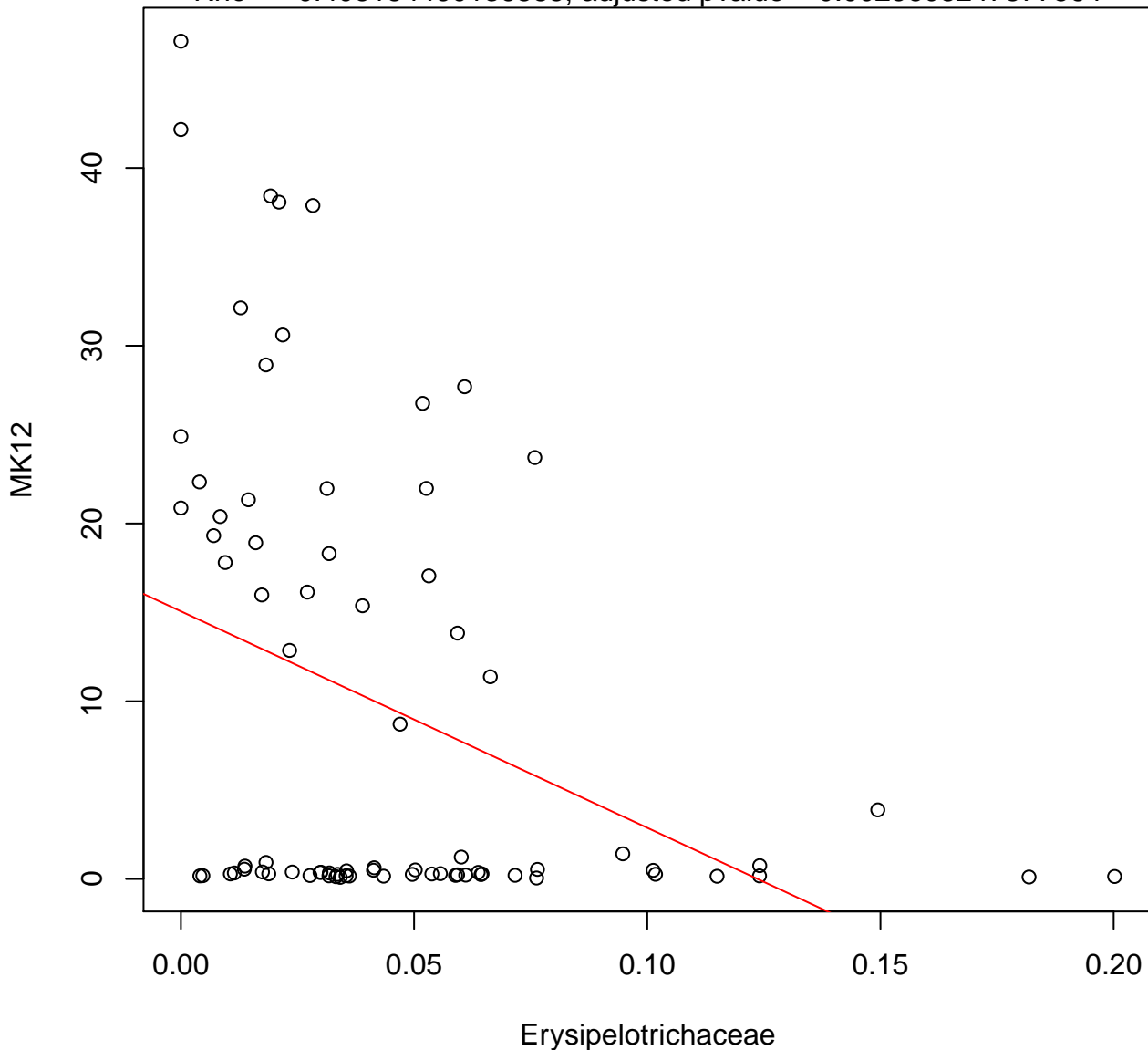
Timepoint 2 , MK12 ~ [Mogibacteriaceae]

Rho = 0.381221574035522, adjusted pvalue = 0.0040955782446857



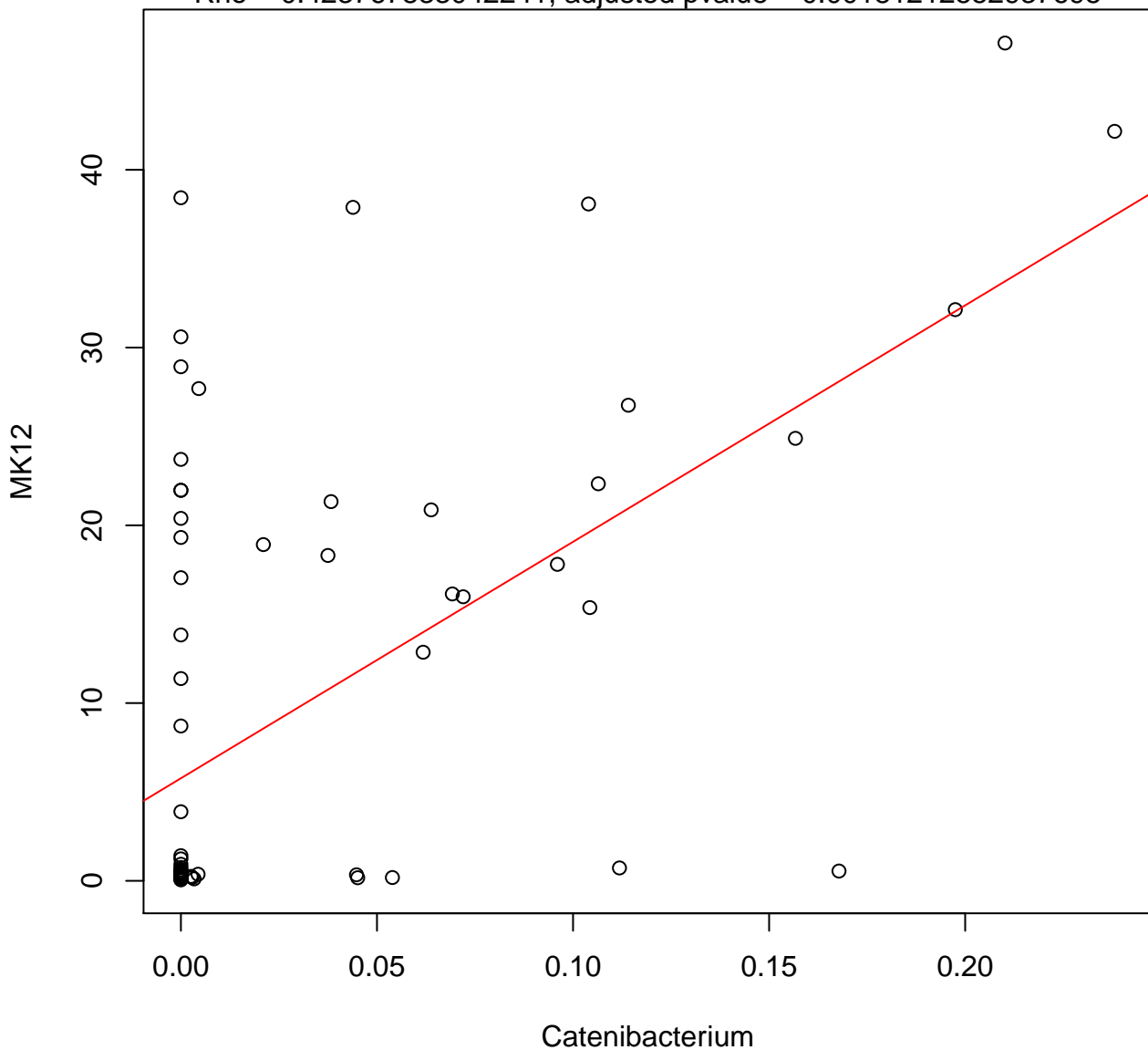
Timepoint 2 , MK12 ~ Erysipelotrichaceae

Rho = -0.408184460136885 , adjusted pvalue = 0.0025608247877564



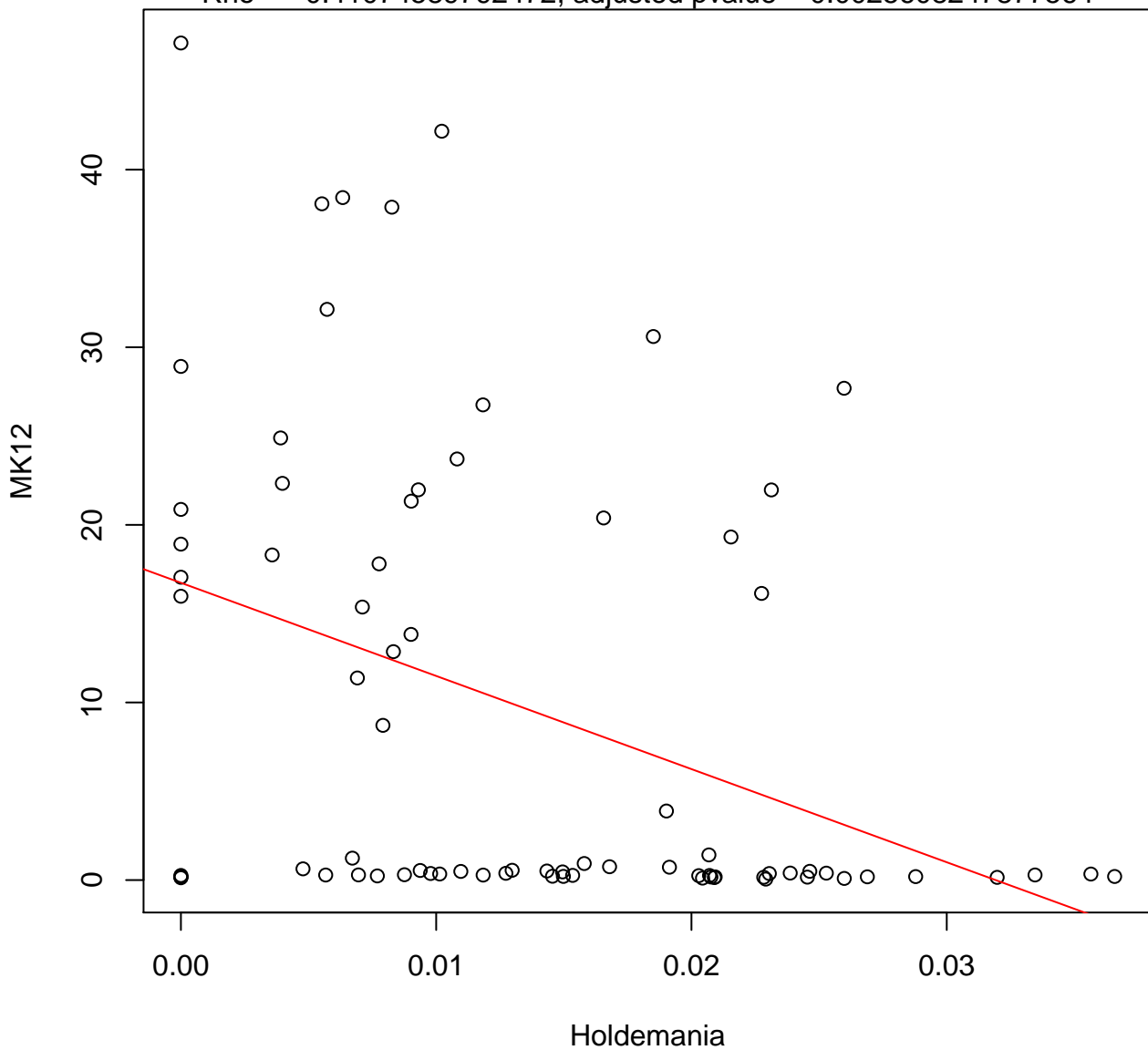
Timepoint 2 , MK12 ~ Catenibacterium

Rho = 0.423767833042241, adjusted pvalue = 0.00181212552937695



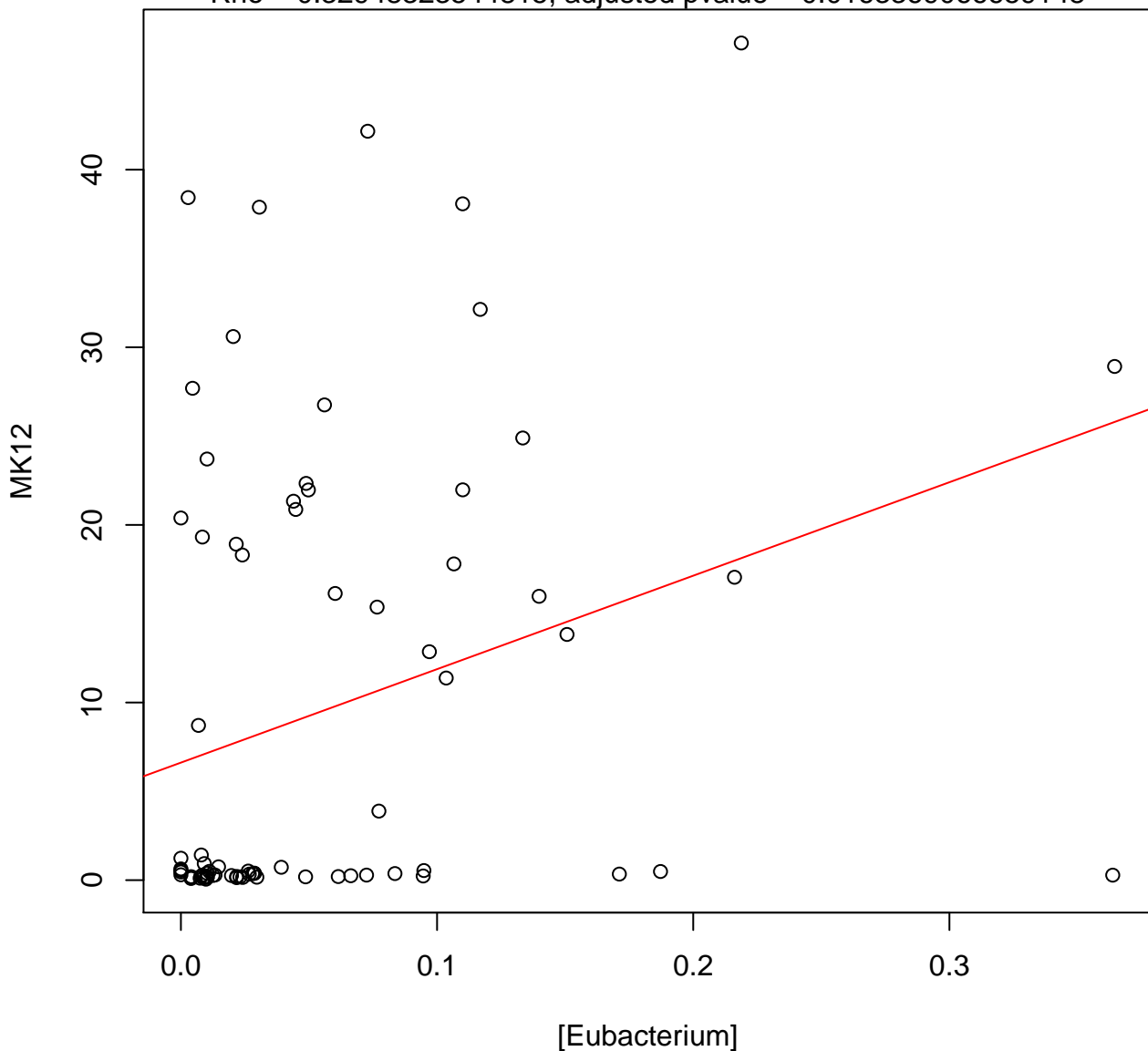
Timepoint 2 , MK12 ~ Holdemania

Rho = -0.41074589792472 , adjusted pvalue = 0.0025608247877564



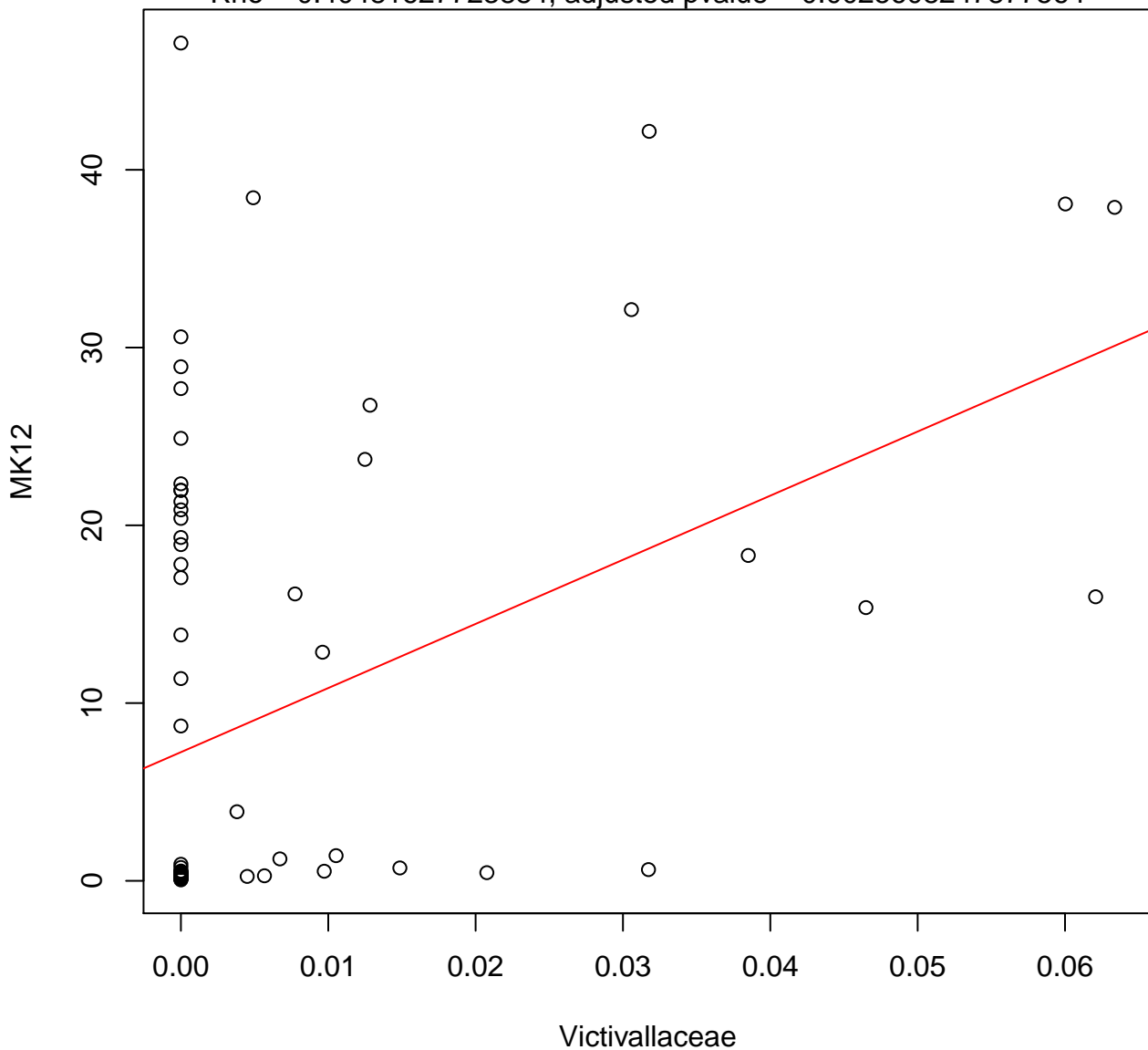
Timepoint 2 , MK12 ~ [Eubacterium]

Rho = 0.32948323544815, adjusted pvalue = 0.0163369066659148



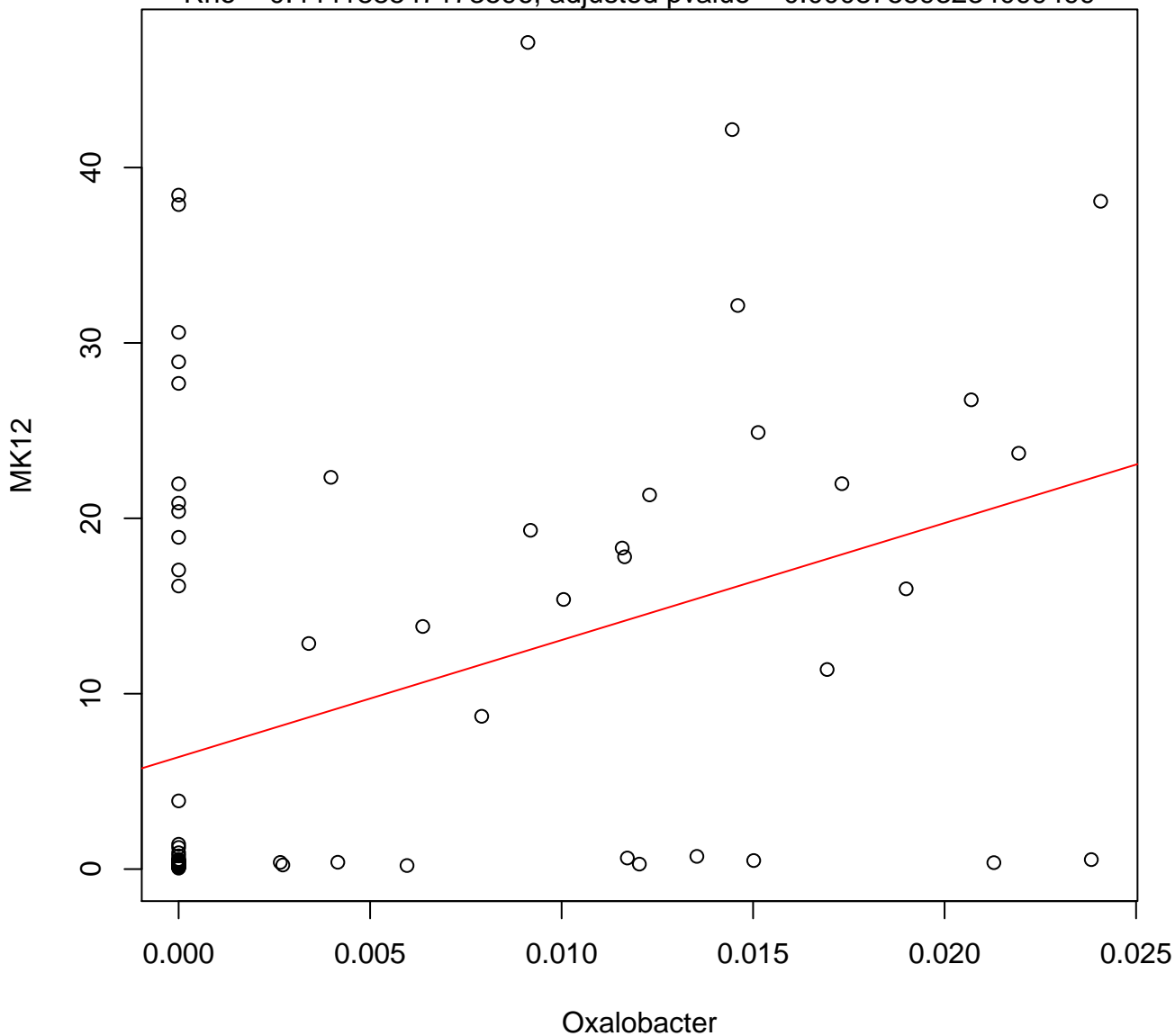
Timepoint 2 , MK12 ~ Victivallaceae

Rho = 0.40481627723884, adjusted pvalue = 0.0025608247877564



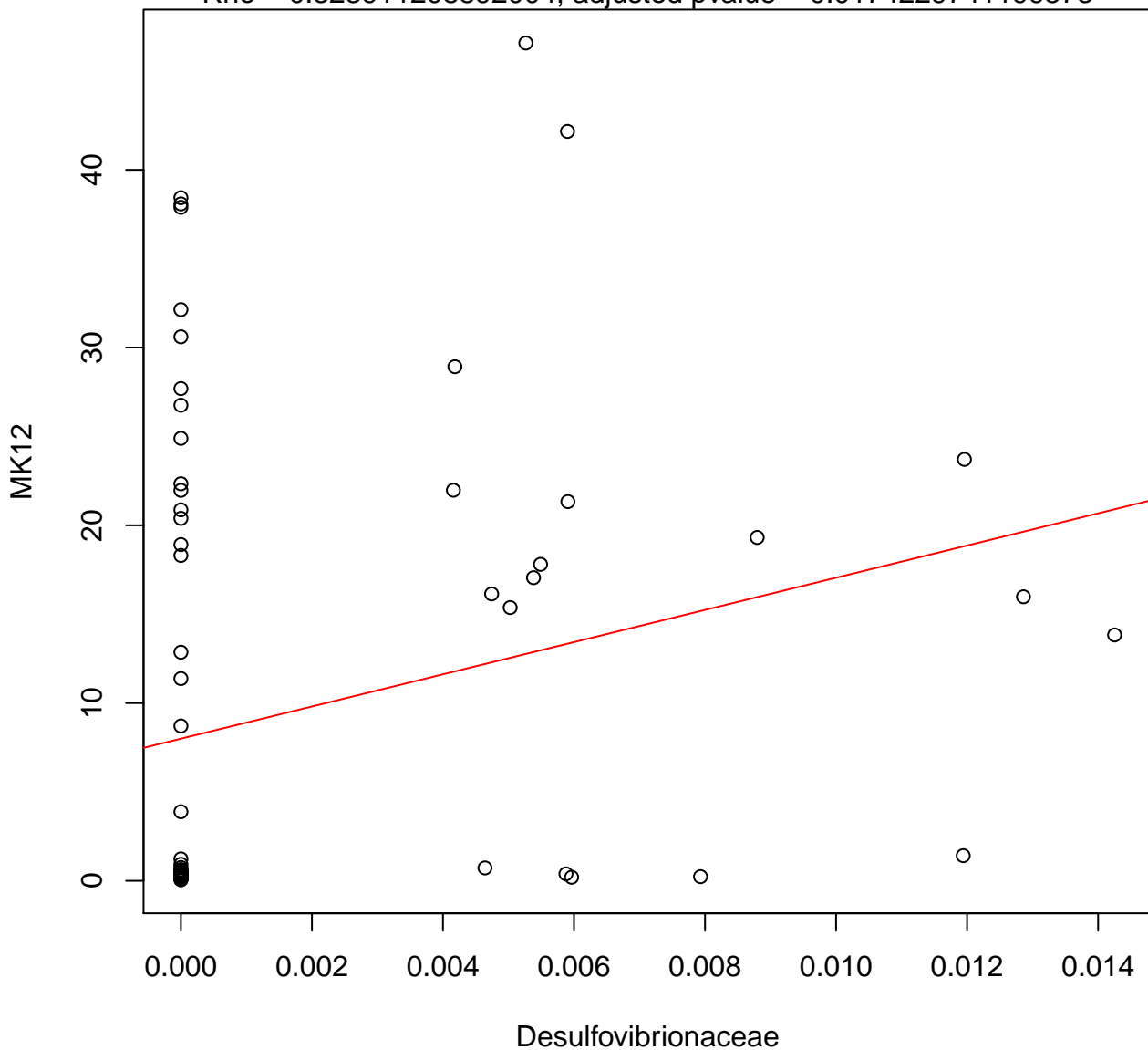
Timepoint 2 , MK12 ~ Oxalobacter

Rho = 0.444188547173596, adjusted pvalue = 0.000875593234099499



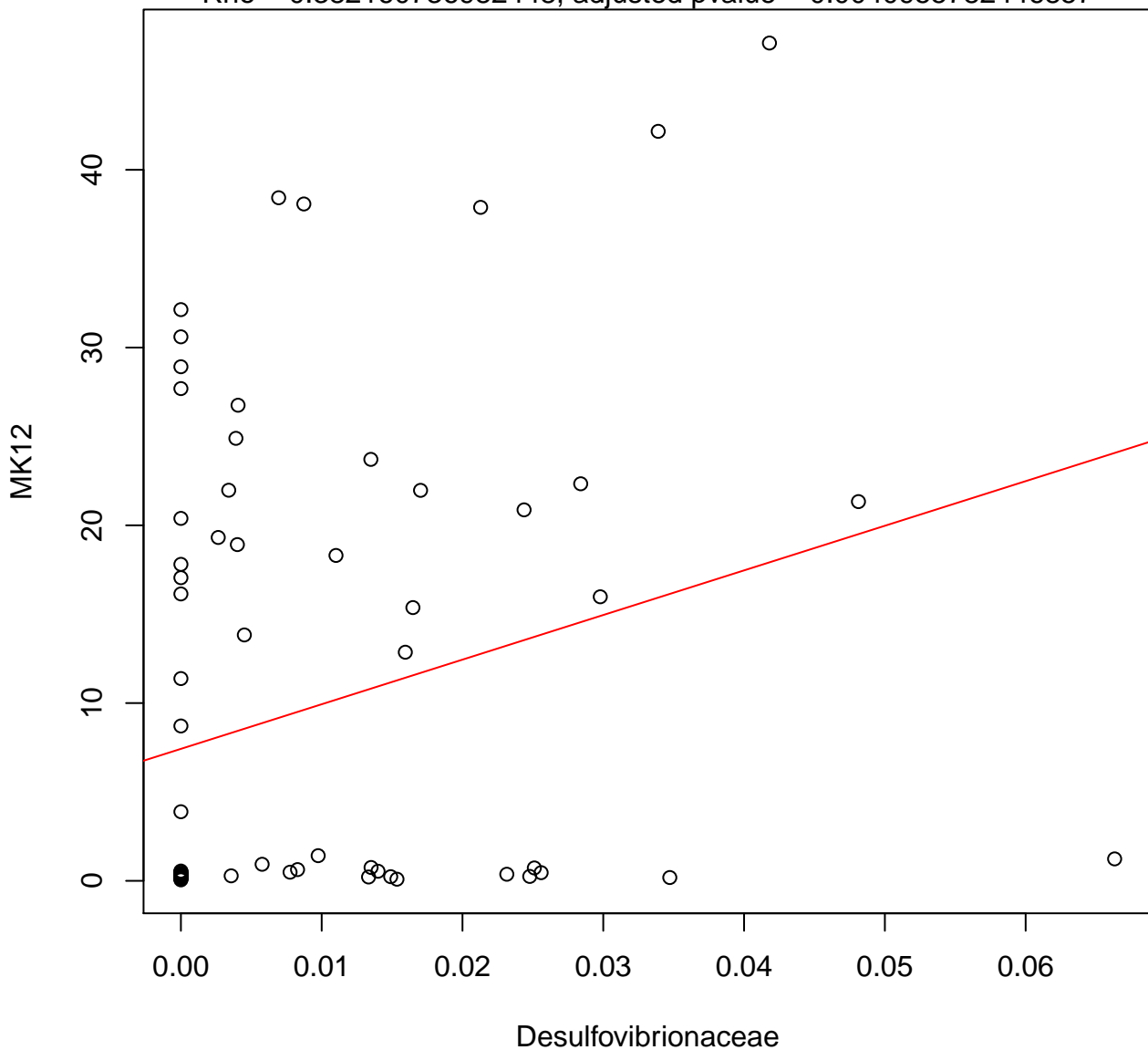
Timepoint 2 , MK12 ~ Desulfovibrionaceae

Rho = 0.323911208892004, adjusted pvalue = 0.0174229741199573



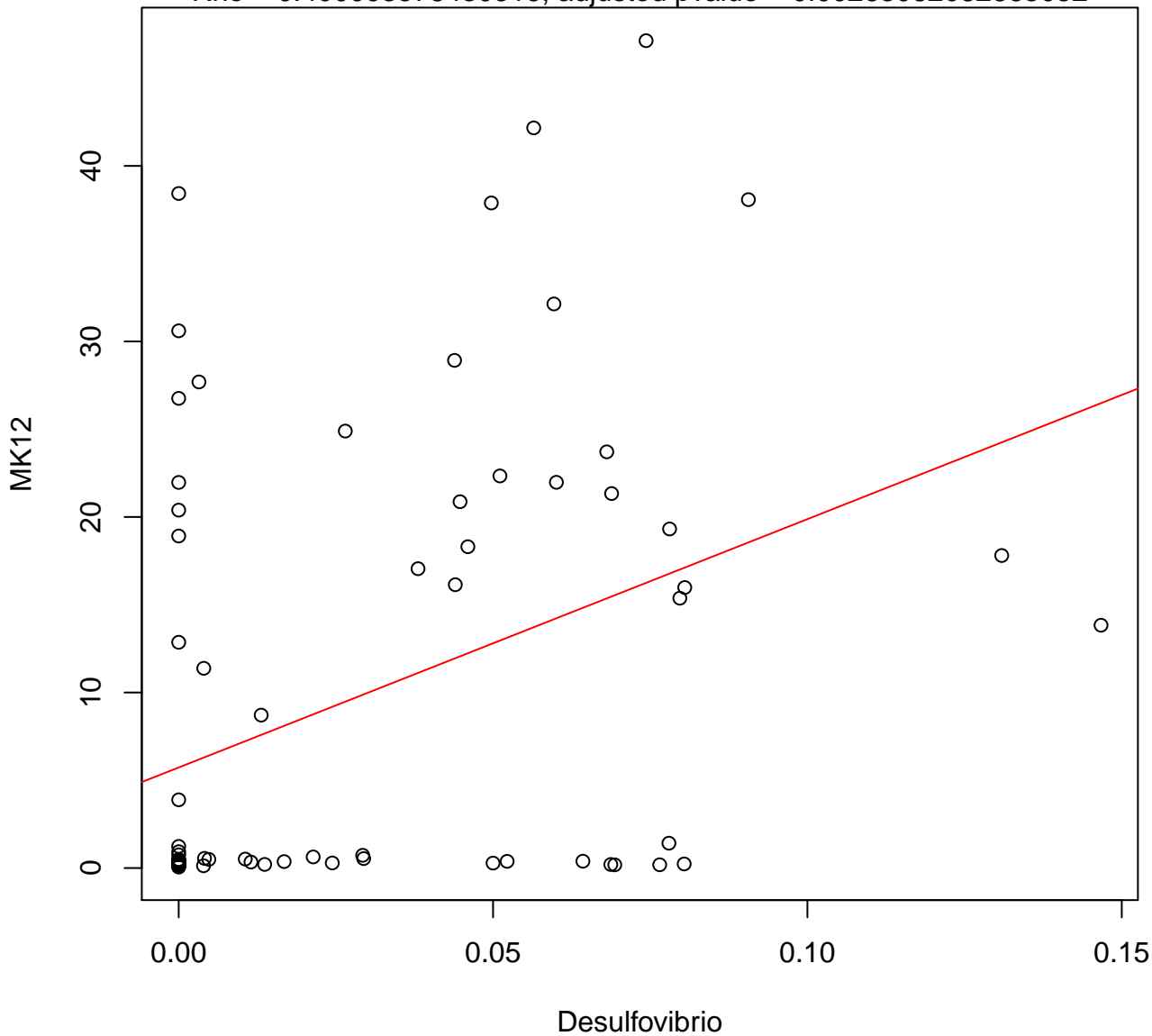
Timepoint 2 , MK12 ~ Desulfovibrionaceae

Rho = 0.382160736982448, adjusted pvalue = 0.0040955782446857



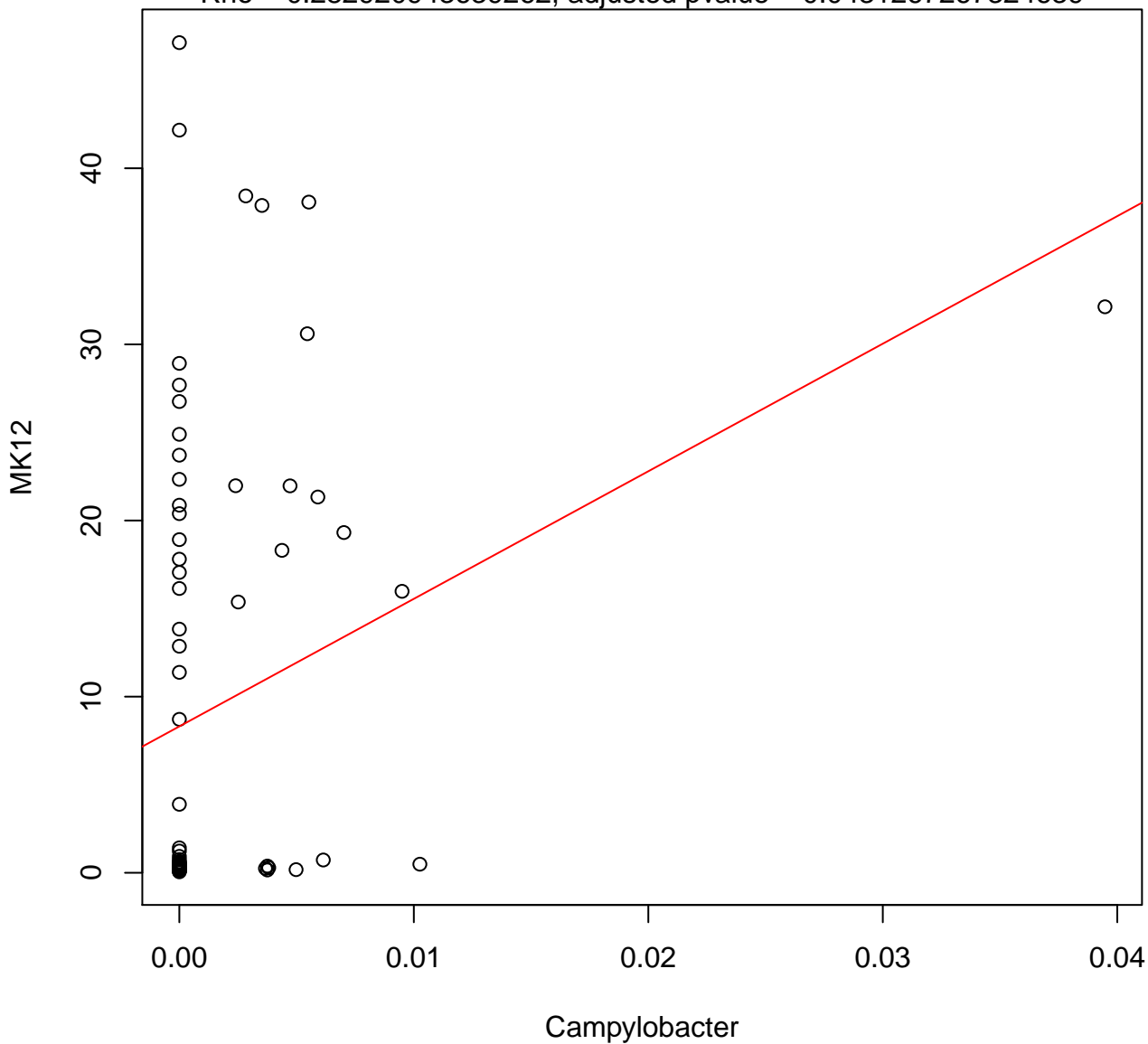
Timepoint 2 , MK12 ~ Desulfovibrio

Rho = 0.400093578430516, adjusted pvalue = 0.00263082082865052



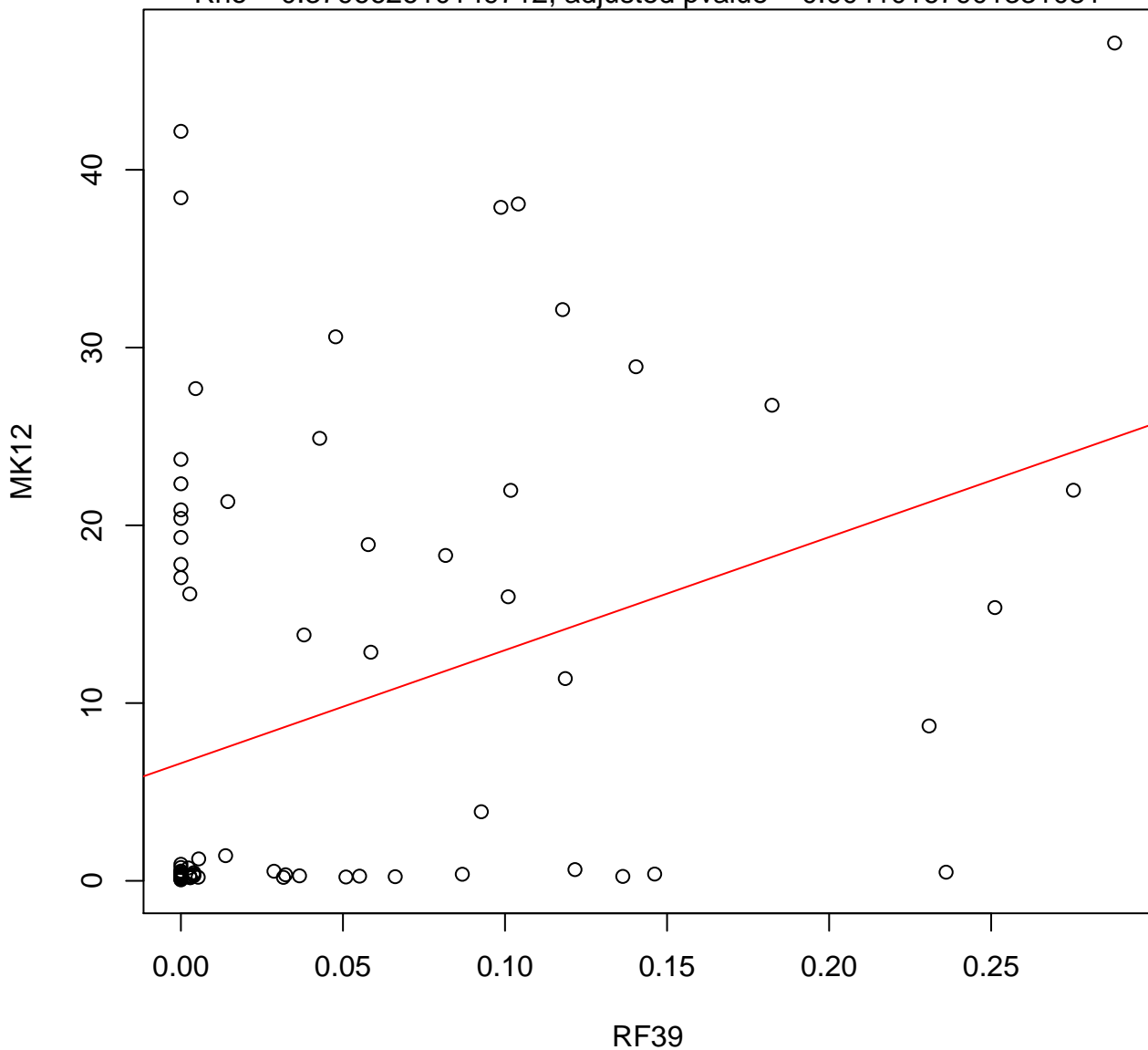
Timepoint 2 , MK12 ~ Campylobacter

Rho = 0.282920943639262, adjusted pvalue = 0.0431267267324639



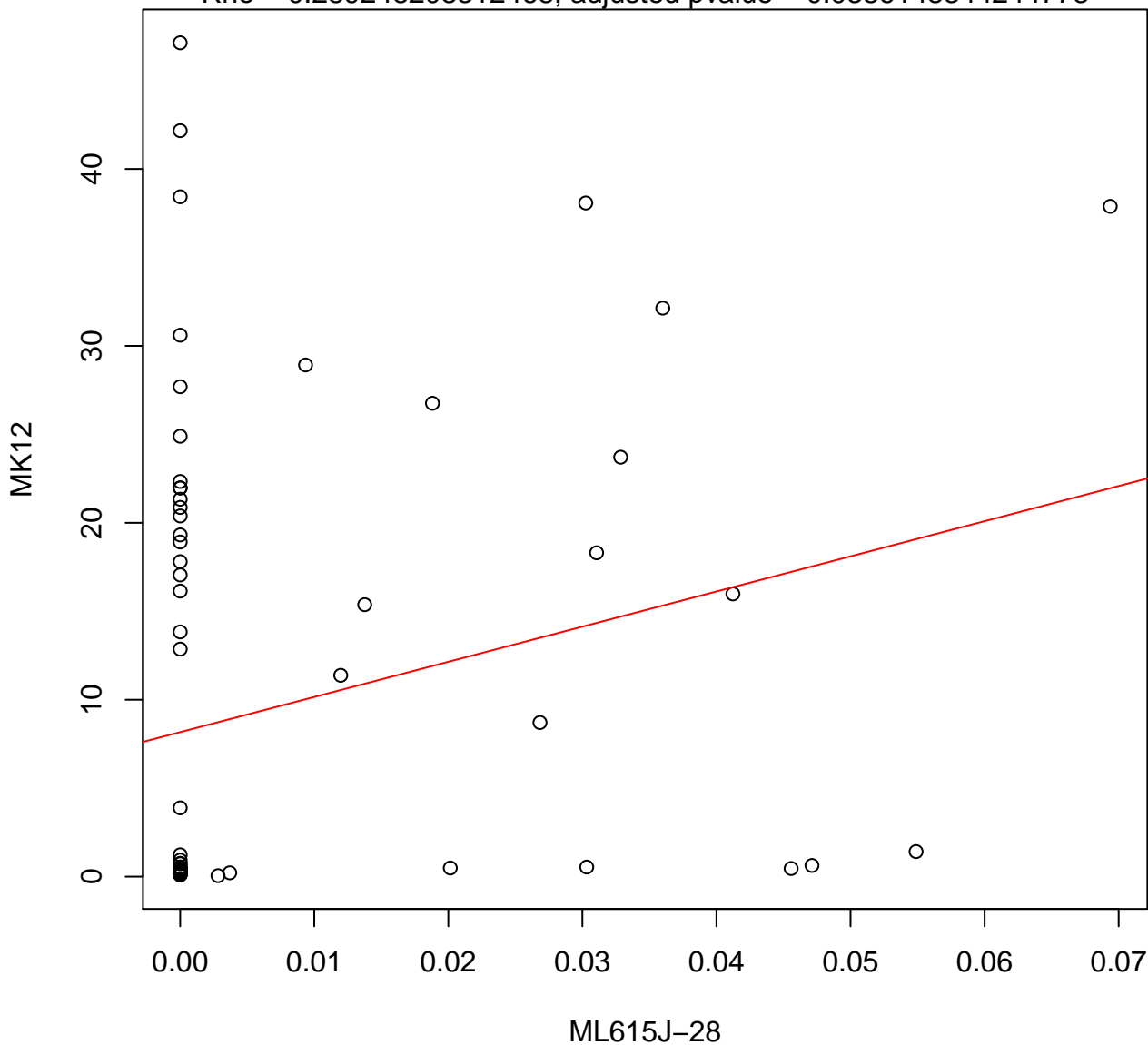
Timepoint 2 , MK12 ~ RF39

Rho = 0.379662610149712, adjusted pvalue = 0.00410167901331081



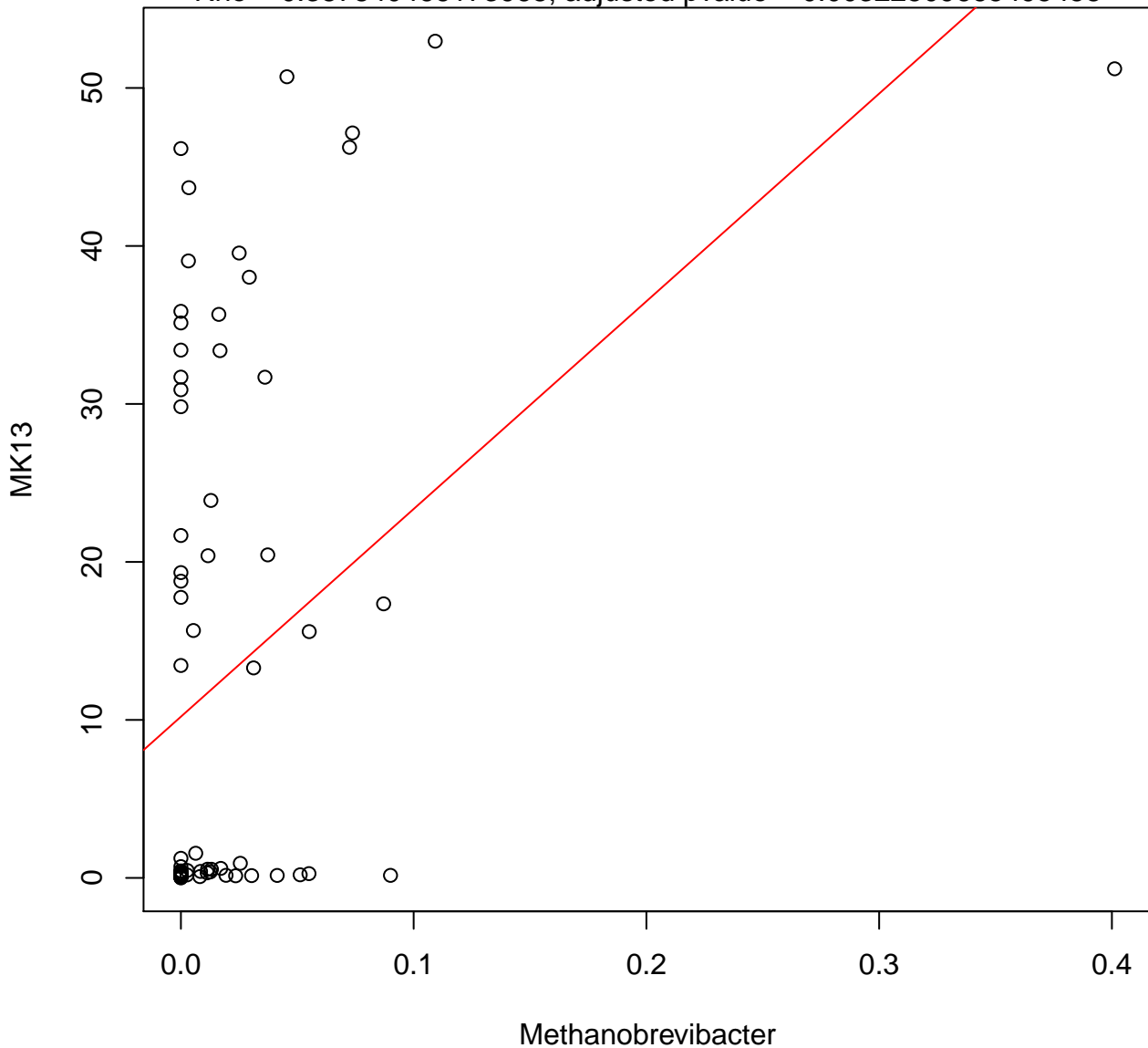
Timepoint 2 , MK12 ~ ML615J-28

Rho = 0.289248208312468, adjusted pvalue = 0.0386148344244773



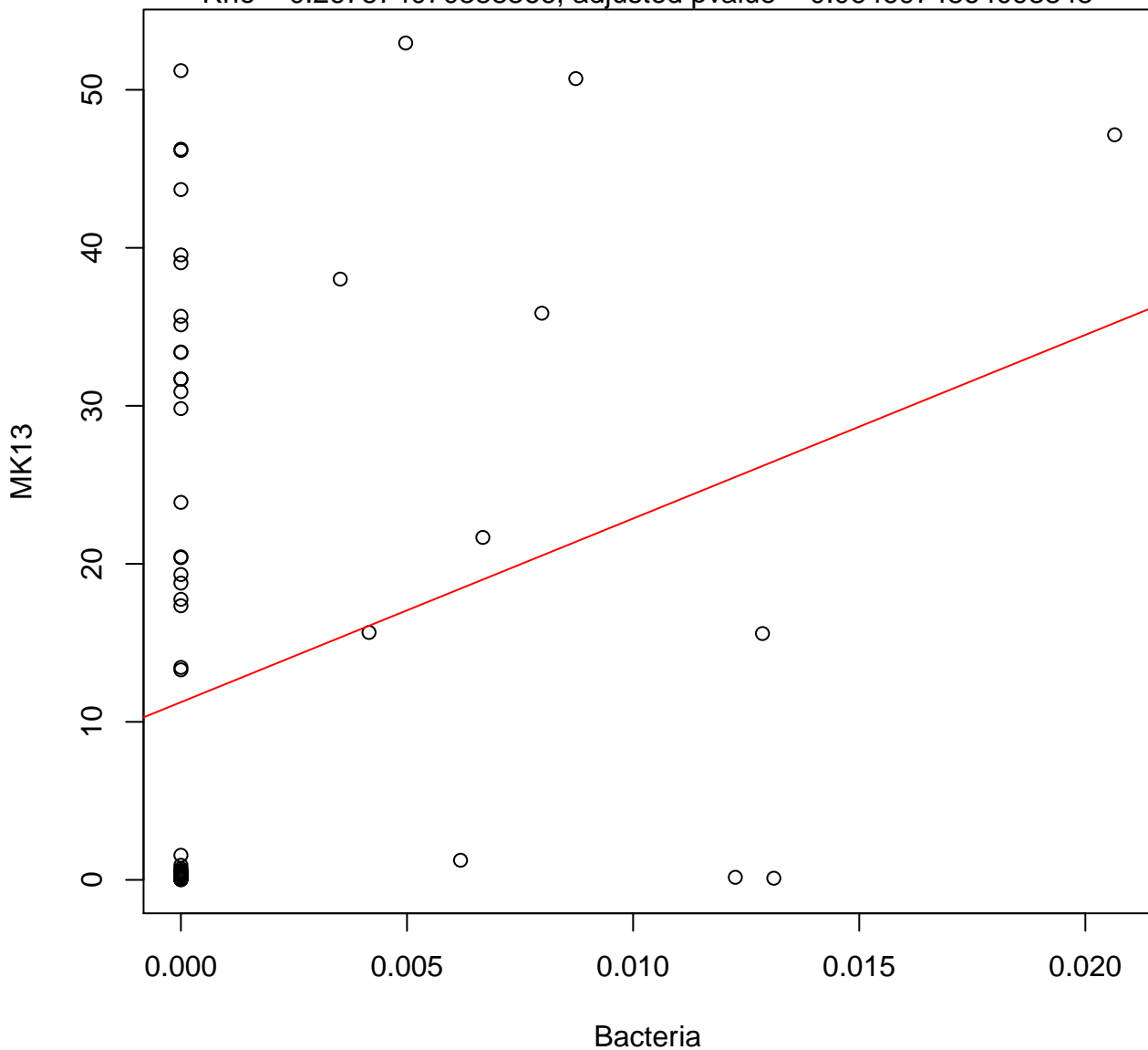
Timepoint 2 , MK13 ~ Methanobrevibacter

Rho = 0.387840466173968, adjusted pvalue = 0.00322509665495458



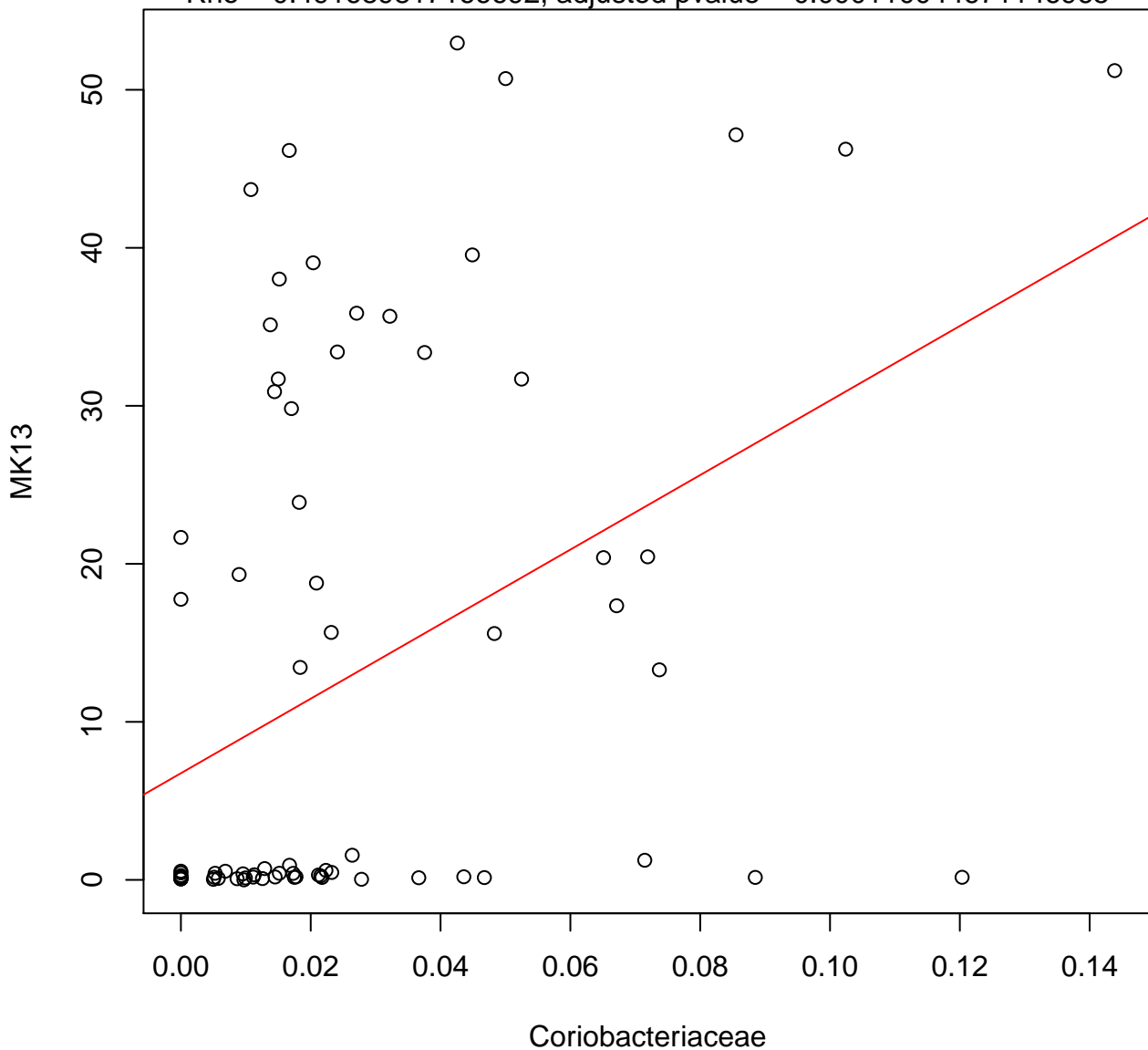
Timepoint 2 , MK13 ~ Bacteria

Rho = 0.267574070388366, adjusted pvalue = 0.0646974864093845



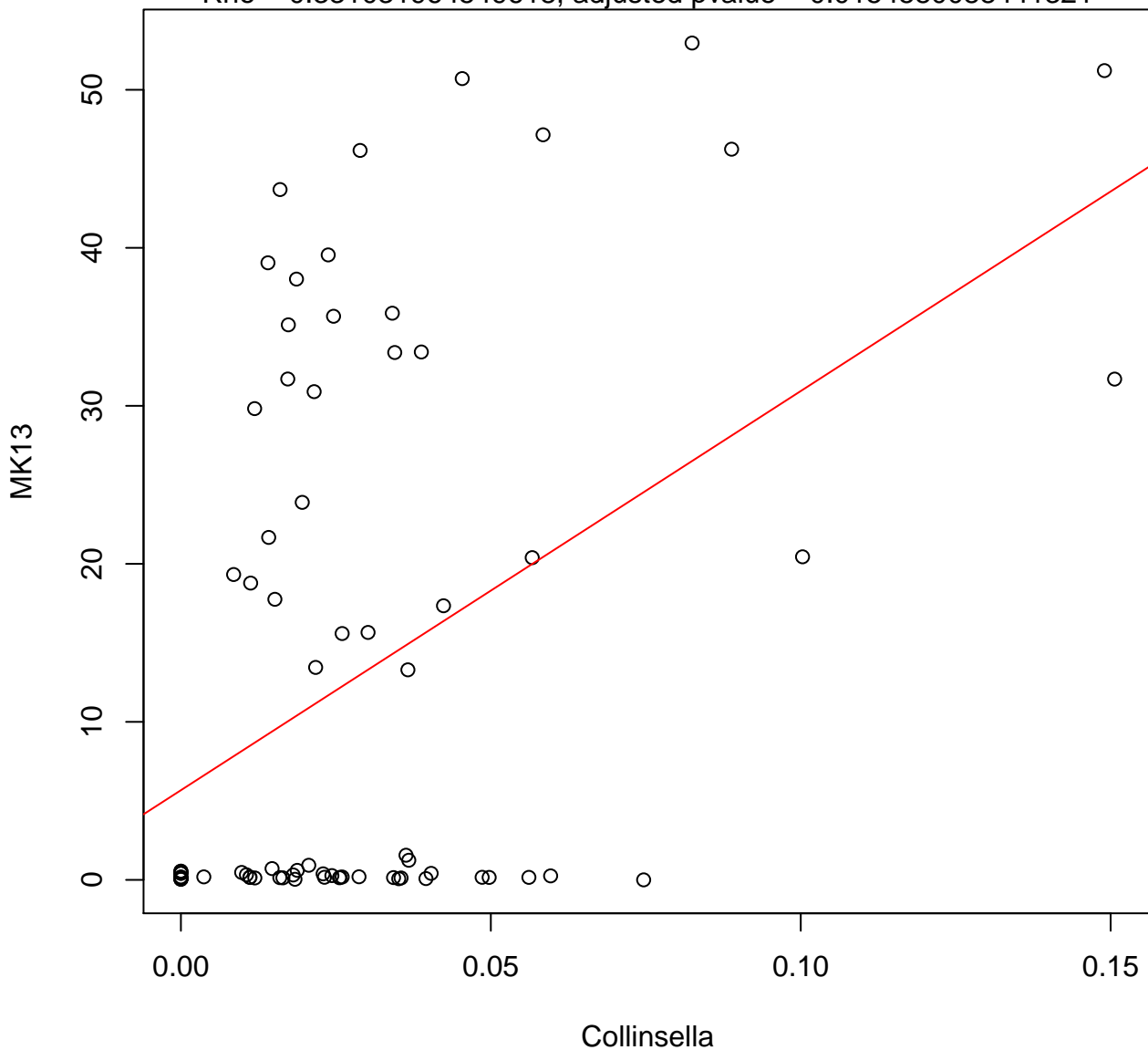
Timepoint 2 , MK13 ~ Coriobacteriaceae

Rho = 0.491689817166692, adjusted pvalue = 0.000110044671146965



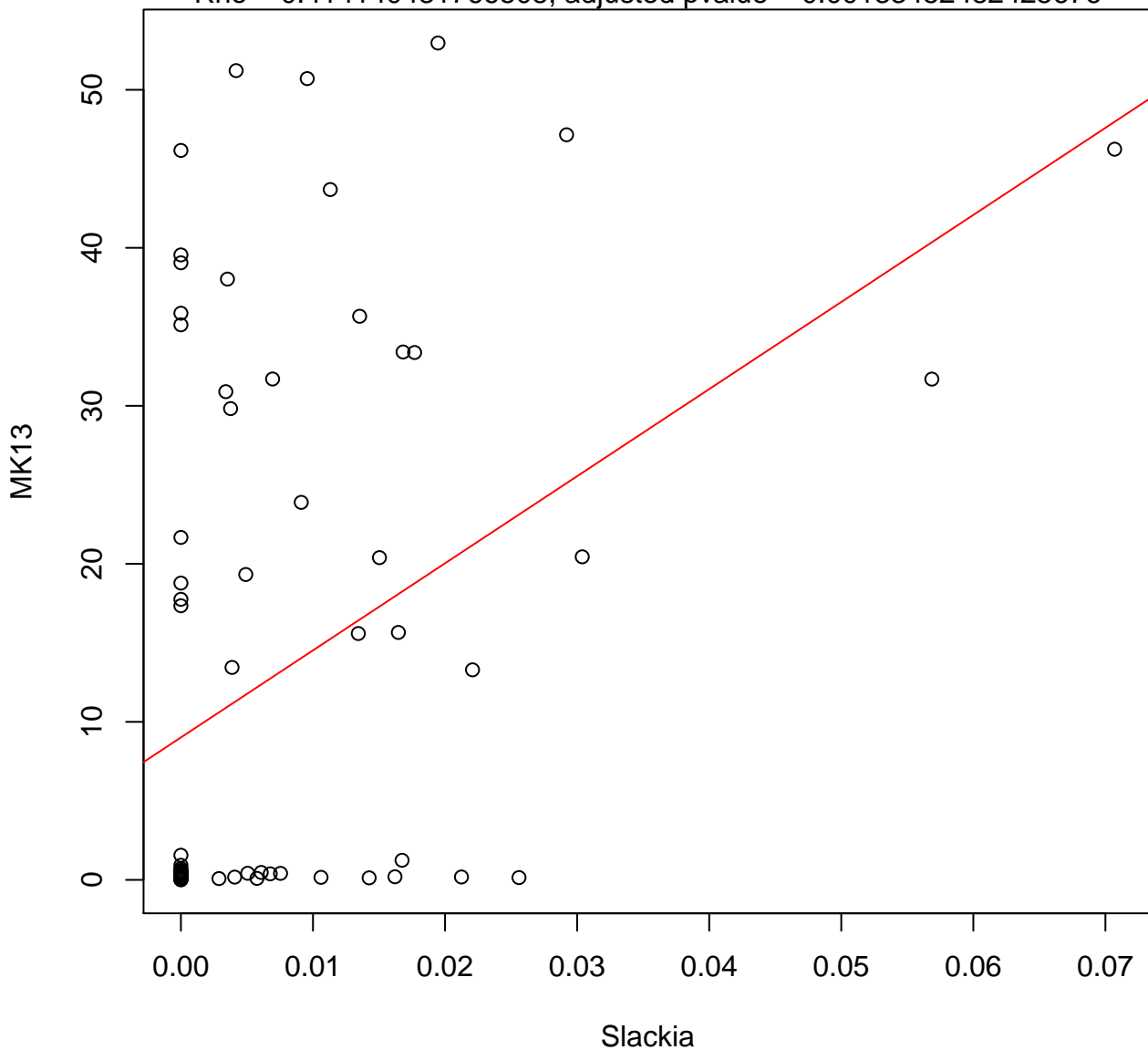
Timepoint 2 , MK13 ~ Collinsella

Rho = 0.331031964549618, adjusted pvalue = 0.0154580088441321



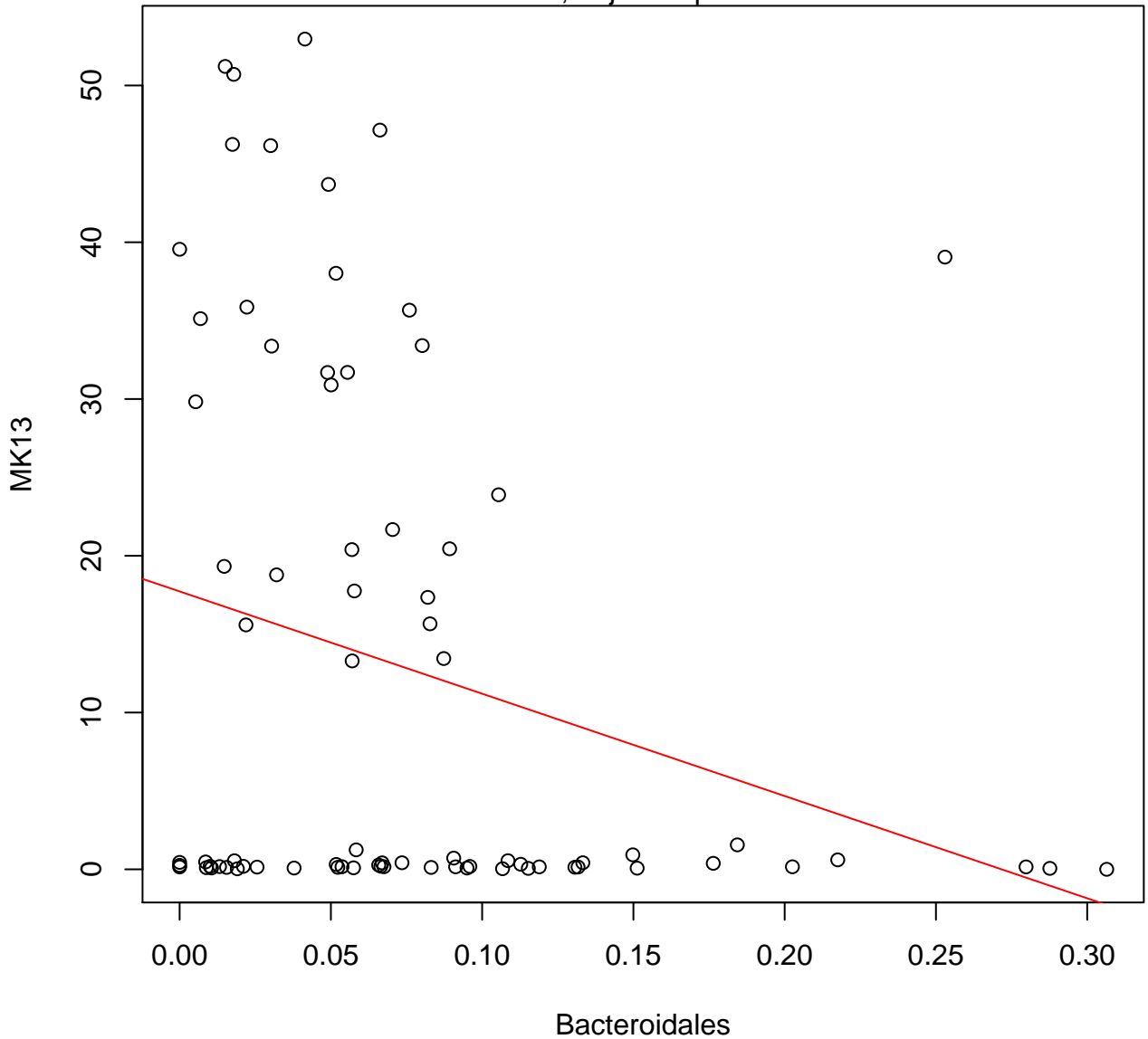
Timepoint 2 , MK13 ~ Slackia

Rho = 0.414140431766508, adjusted pvalue = 0.00133452482425676



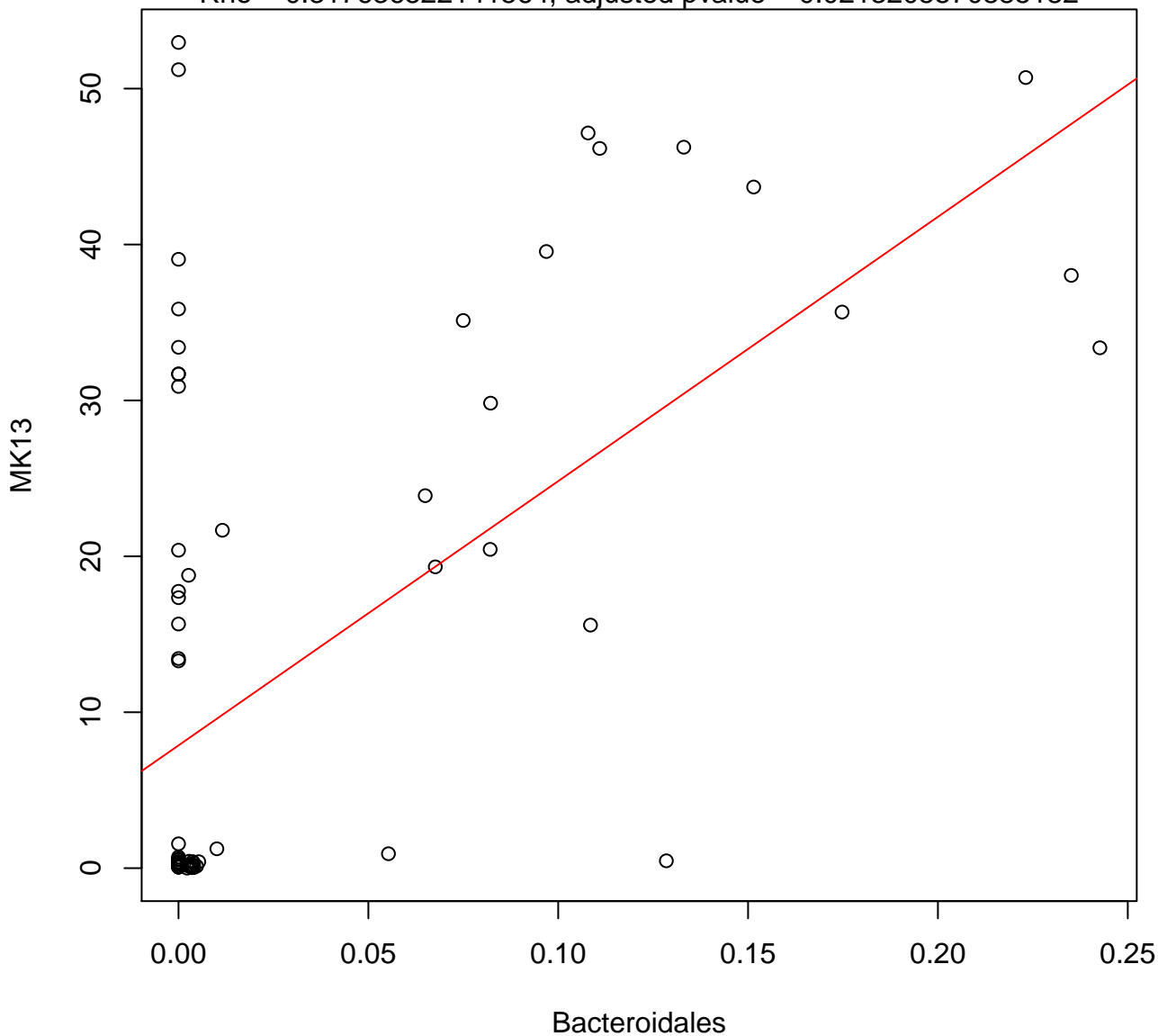
Timepoint 2, MK13 ~ Bacteroidales

Rho = -0.253002149764687, adjusted pvalue = 0.0870750033578155



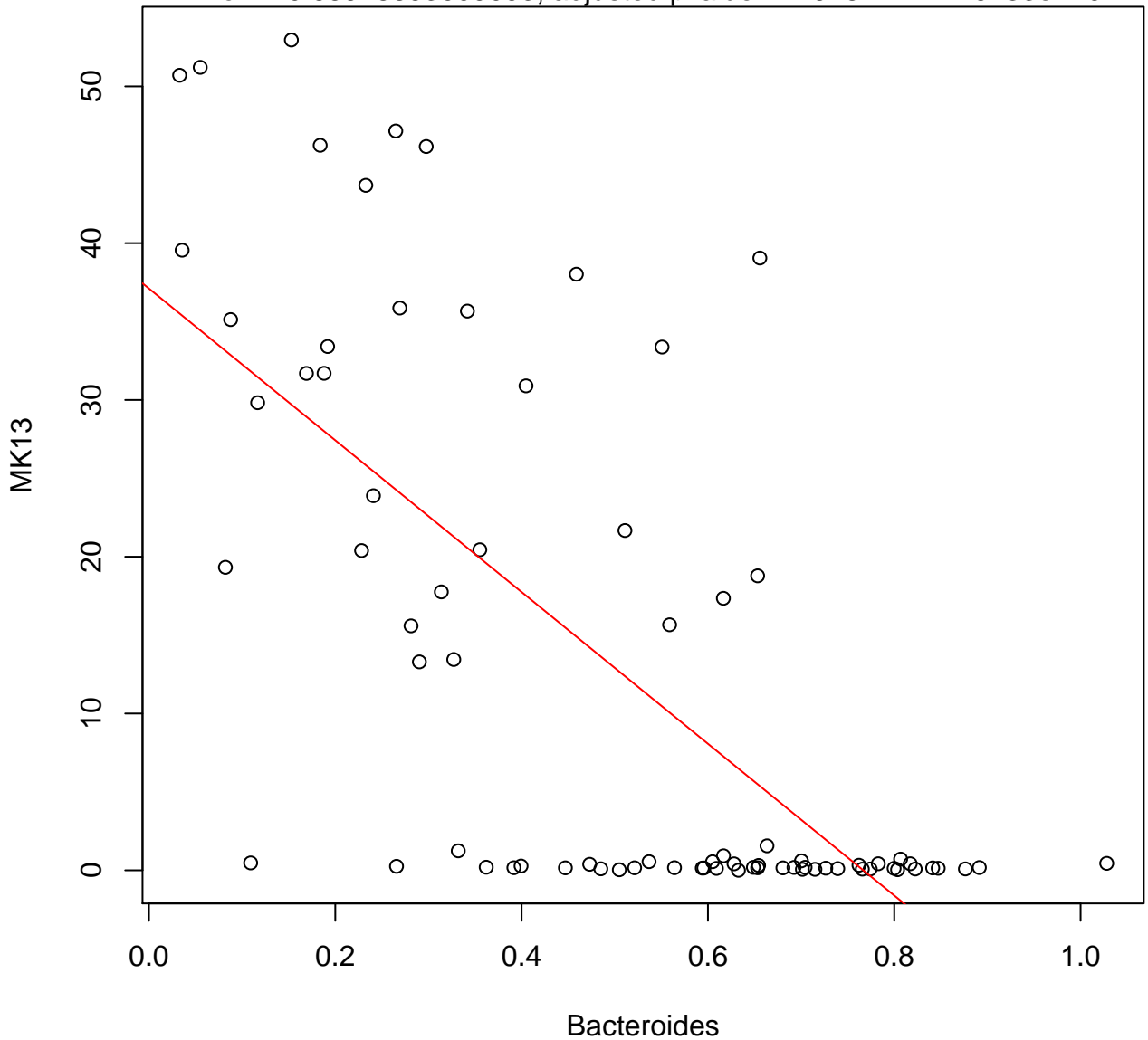
Timepoint 2 , MK13 ~ Bacteroidales

Rho = 0.317636522141564, adjusted pvalue = 0.0213205570885182



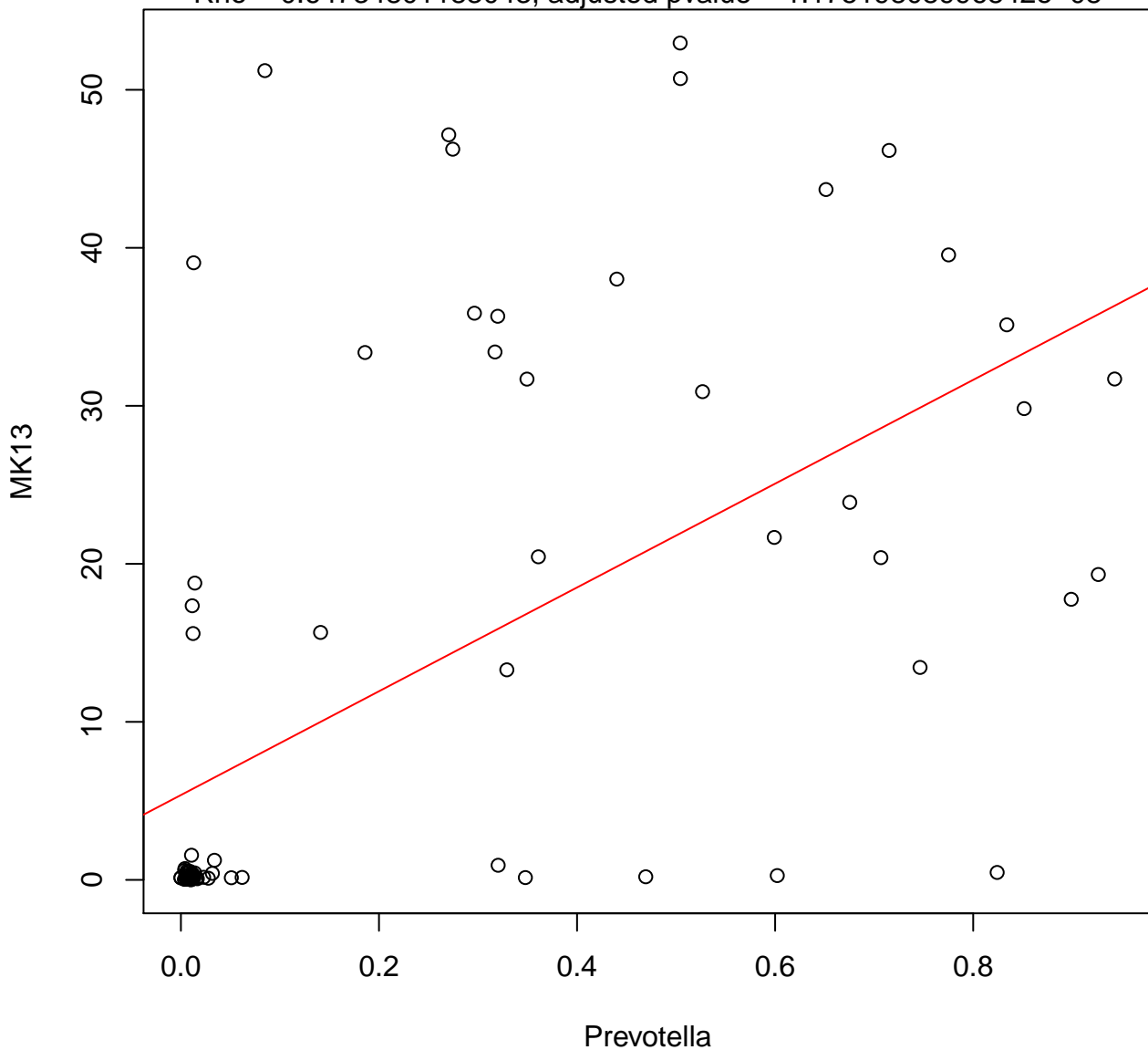
Timepoint 2 , MK13 ~ Bacteroides

Rho = -0.68928893009093 , adjusted pvalue = $4.92821777449133e-10$



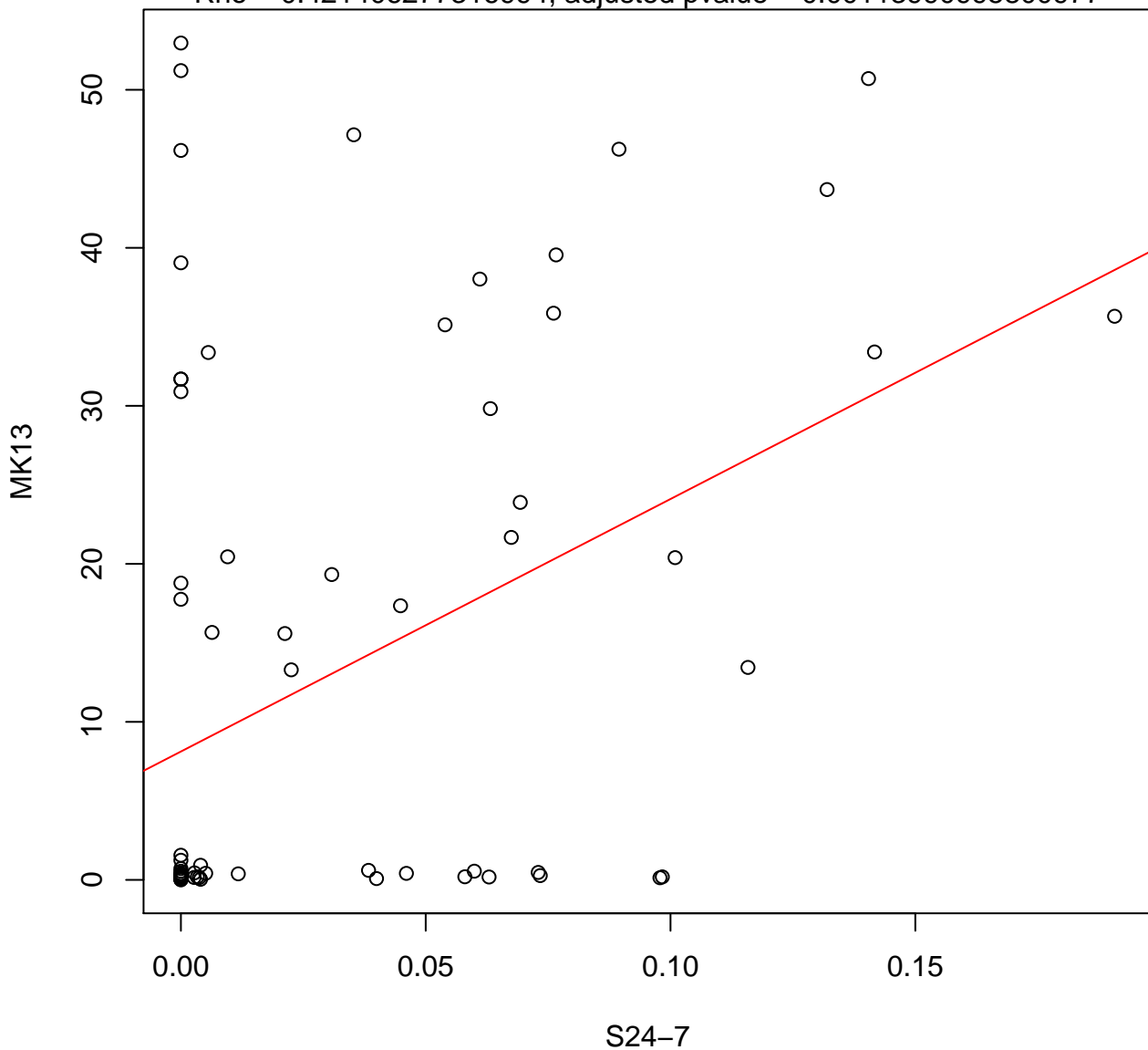
Timepoint 2 , MK13 ~ Prevotella

Rho = 0.64734801183043, adjusted pvalue = 1.17519808996842e-08



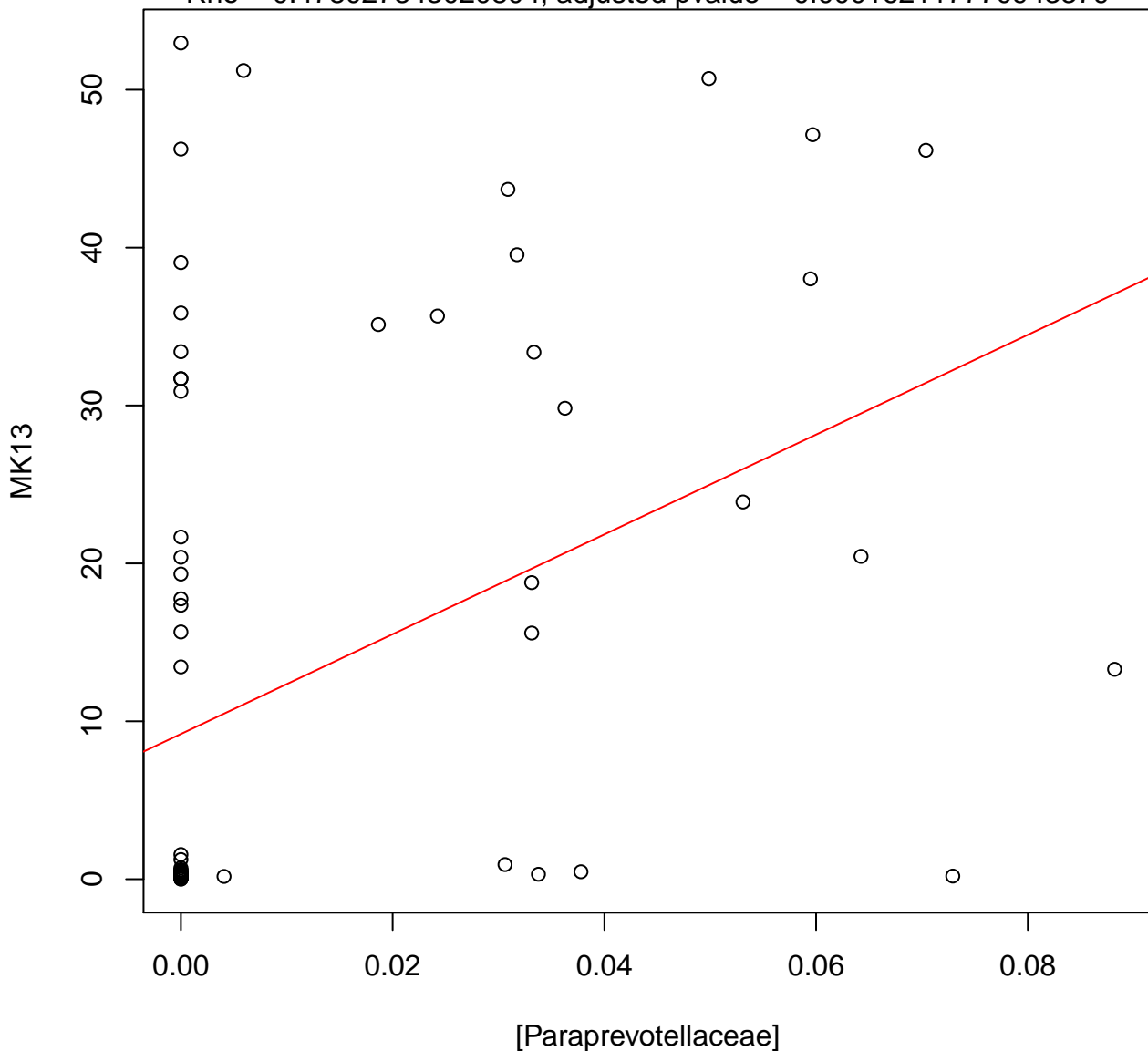
Timepoint 2 , MK13 ~ S24-7

Rho = 0.421406277316994, adjusted pvalue = 0.00113990995800977



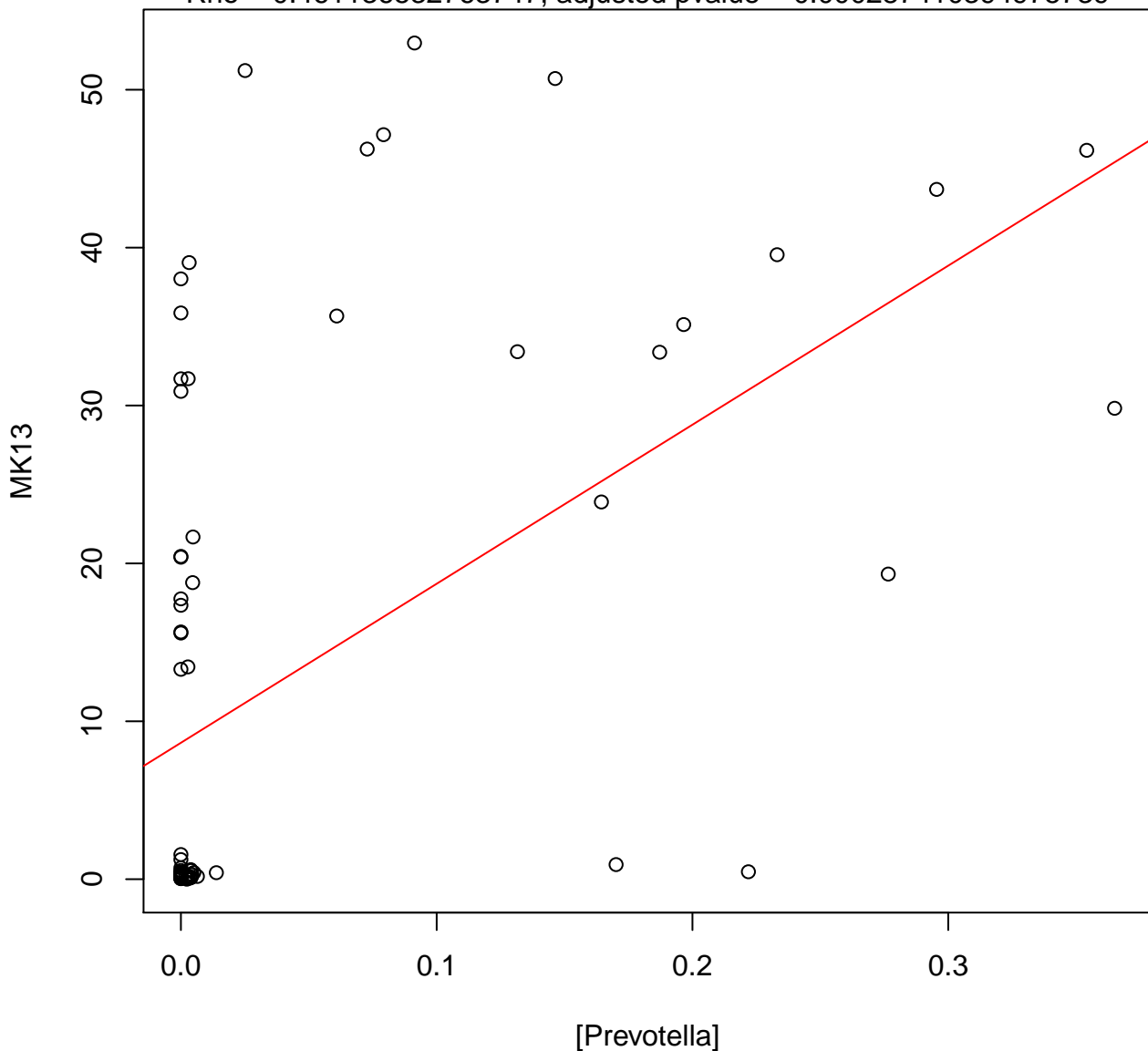
Timepoint 2 , MK13 ~ [Paraprevotellaceae]

Rho = 0.478027843020804, adjusted pvalue = 0.000162117770943379



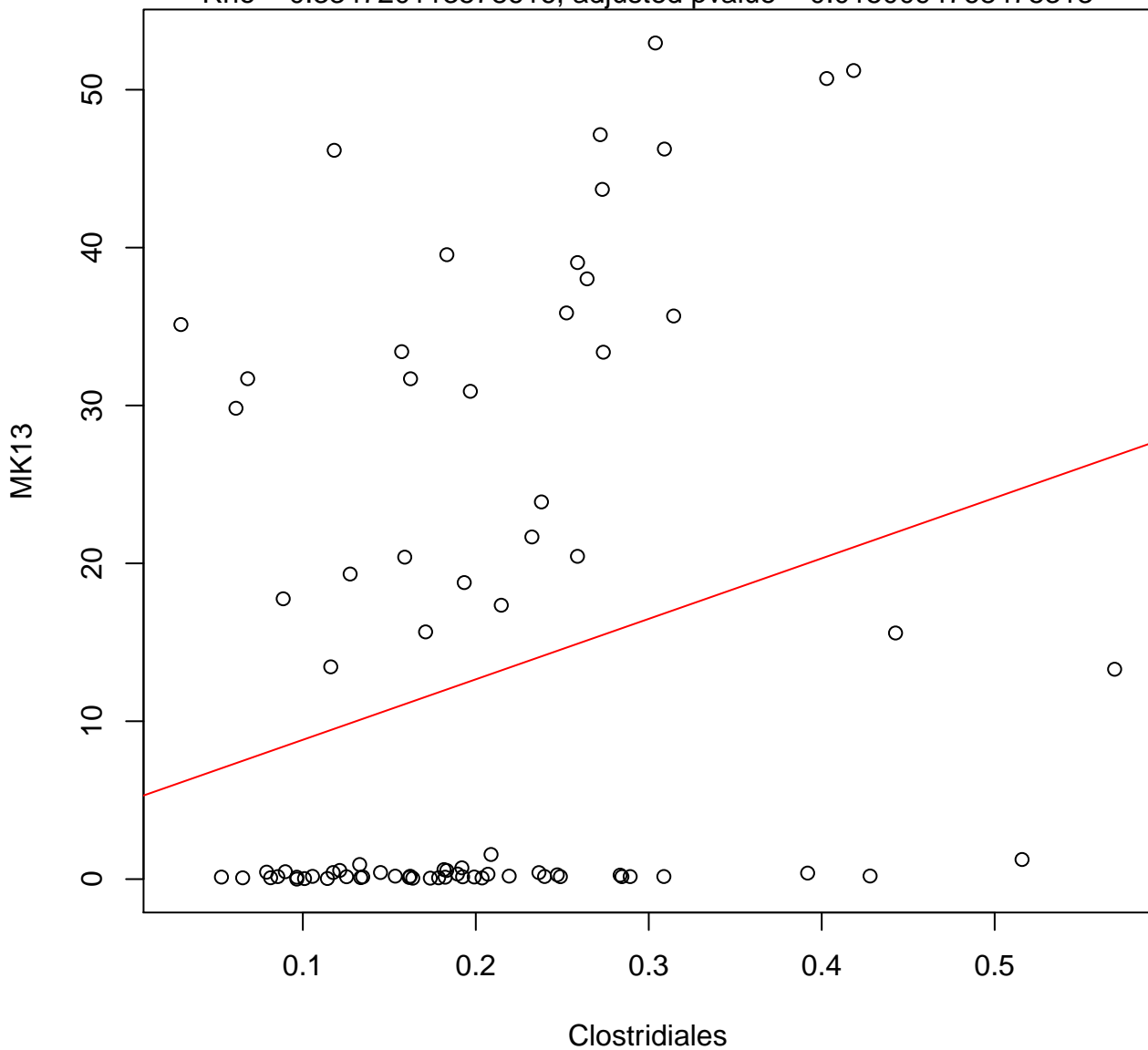
Timepoint 2 , MK13 ~ [Prevotella]

Rho = 0.461136532763747, adjusted pvalue = 0.000287410394975739



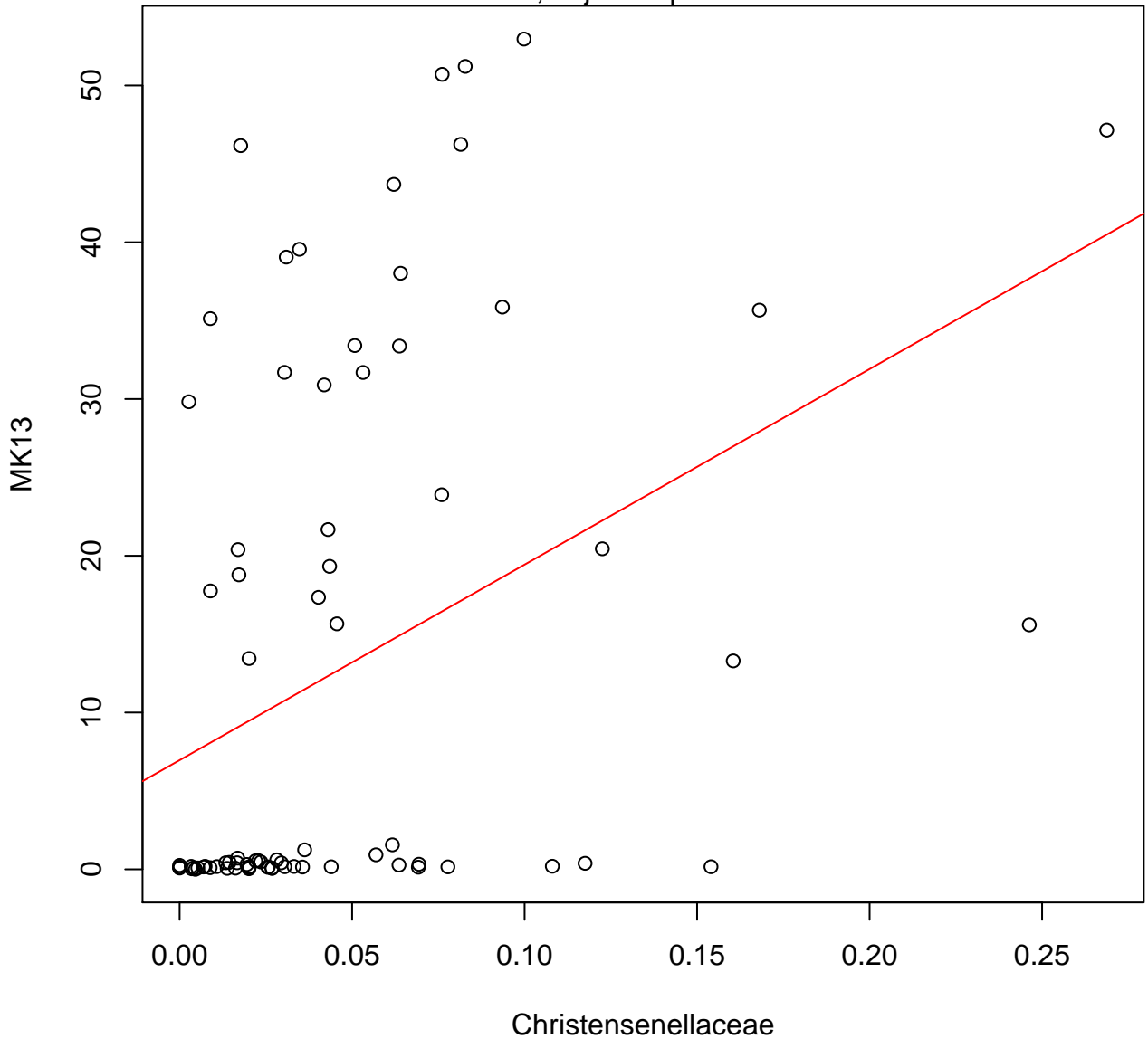
Timepoint 2 , MK13 ~ Clostridiales

Rho = 0.334720113578616, adjusted pvalue = 0.0150094768475313



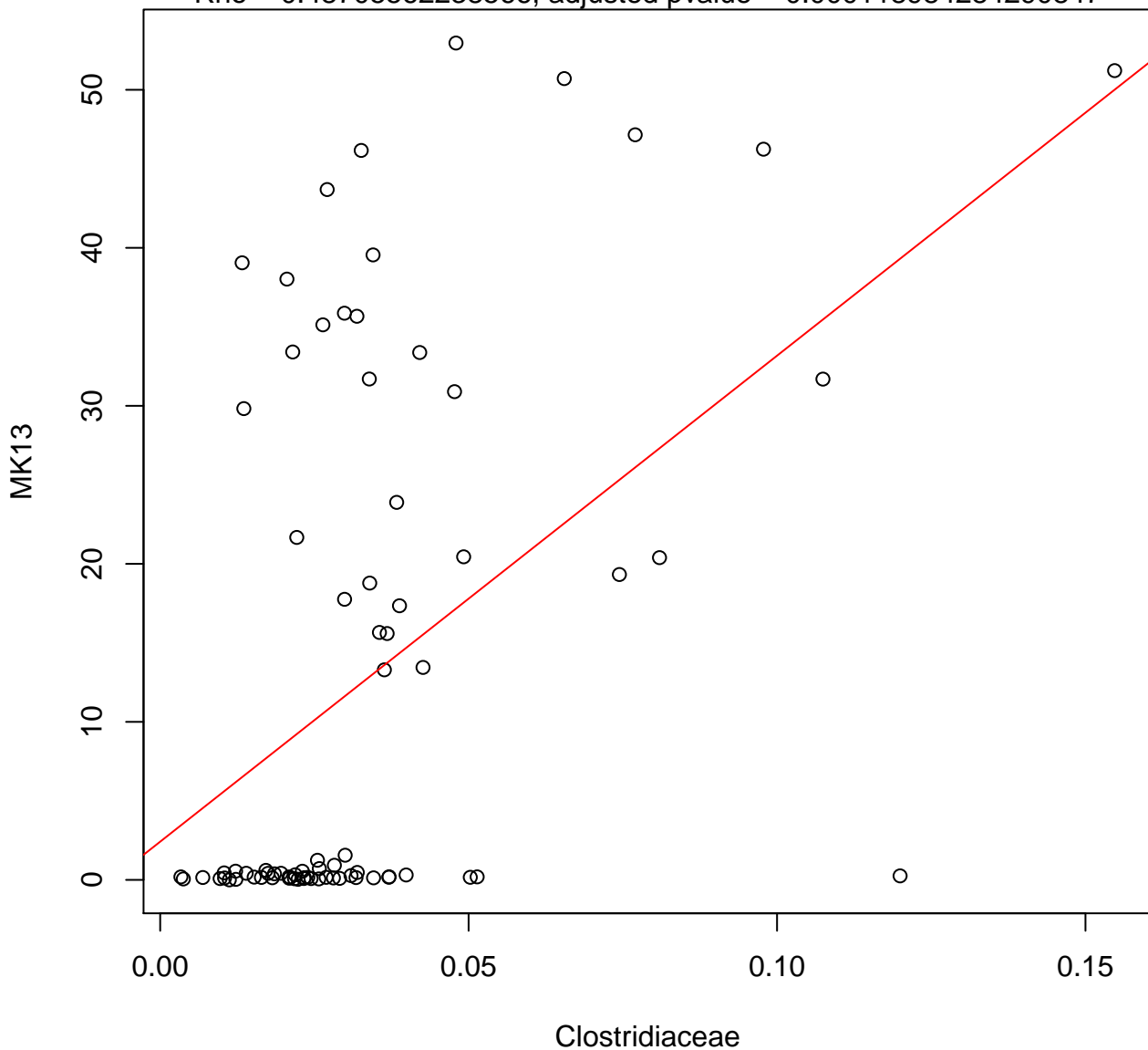
Timepoint 2 , MK13 ~ Christensenellaceae

Rho = 0.510079466651221, adjusted pvalue = 8.46225457142415e-05



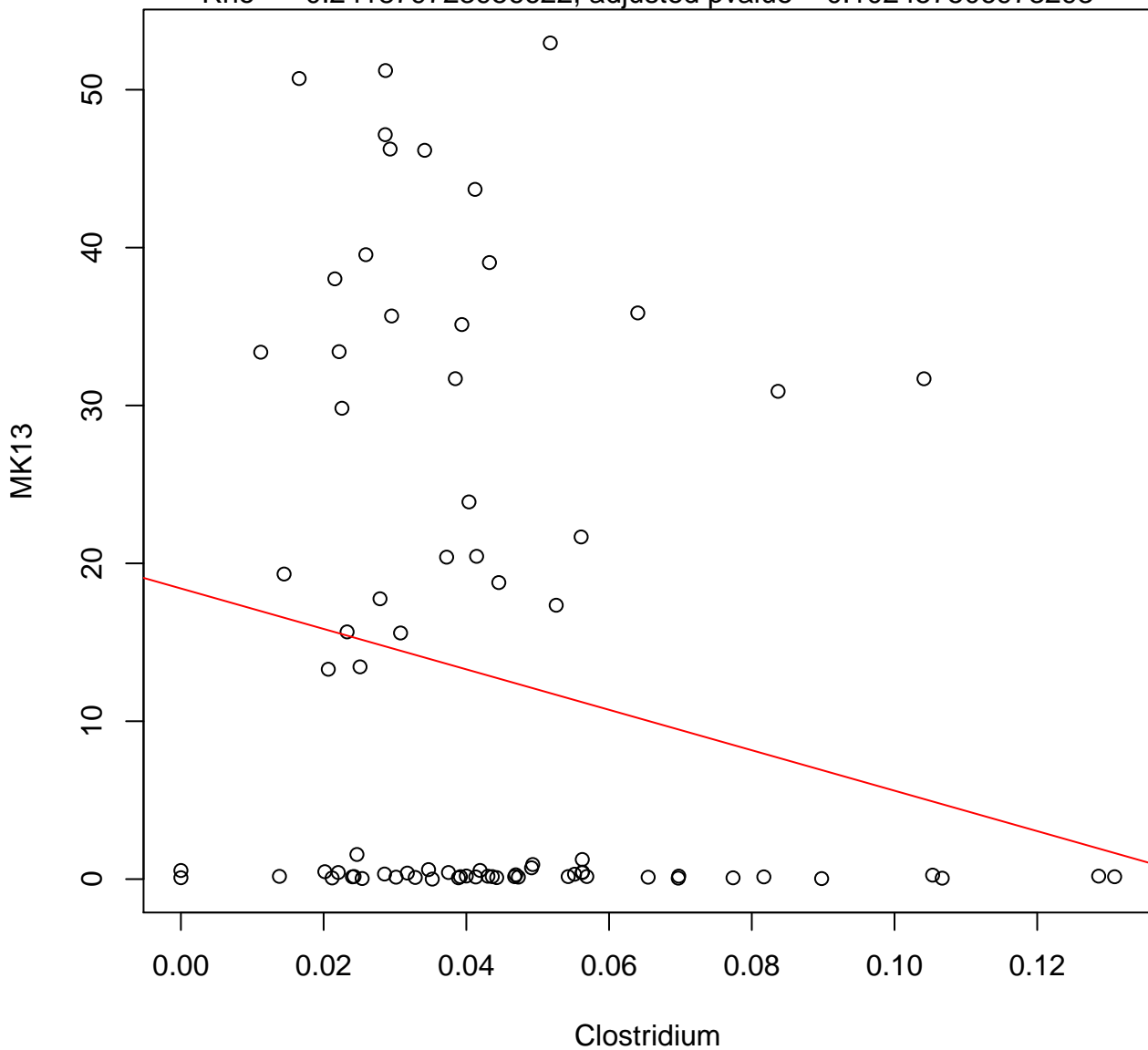
Timepoint 2 , MK13 ~ Clostridiaceae

Rho = 0.48705562238566, adjusted pvalue = 0.000118984284290847



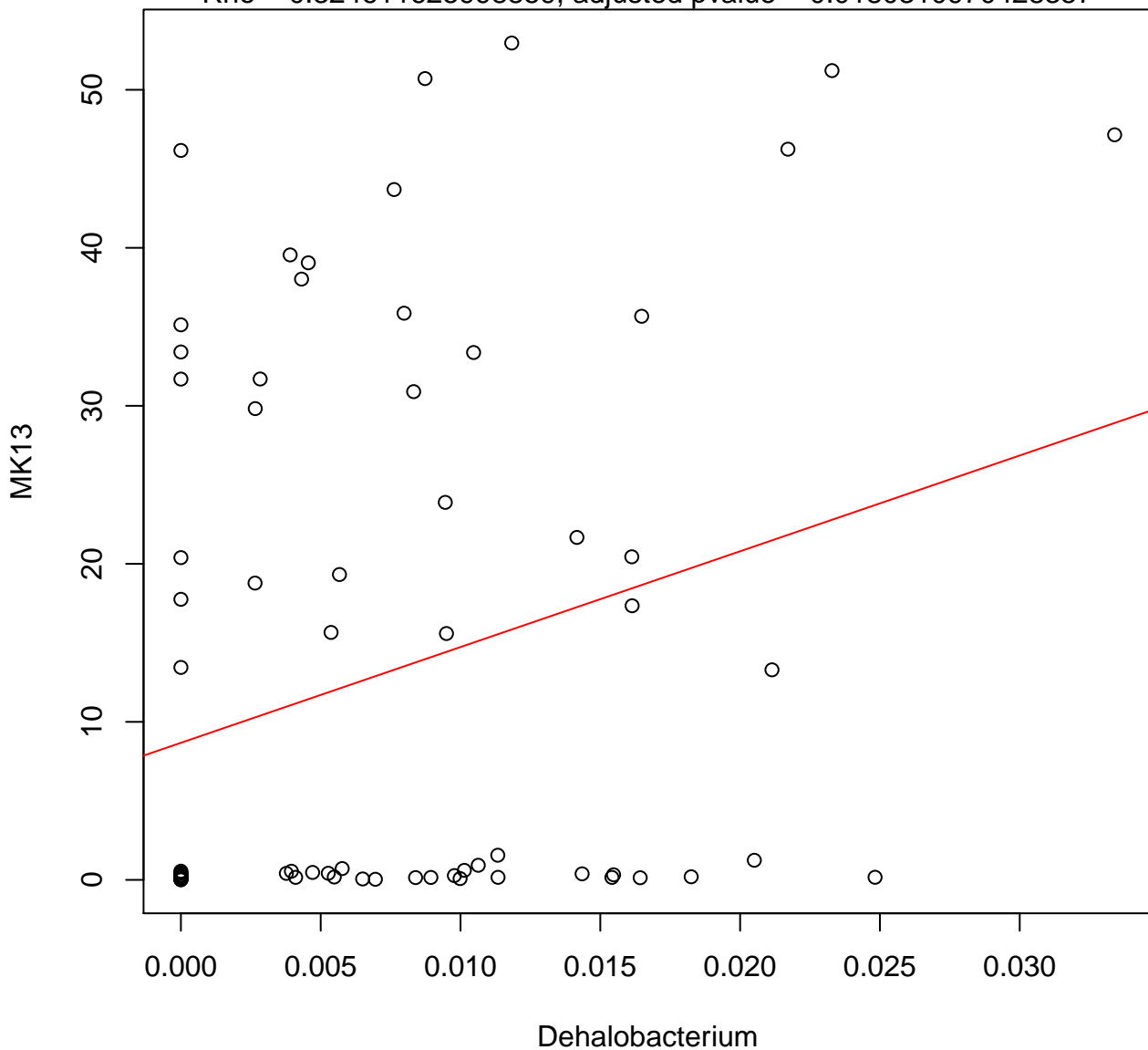
Timepoint 2 , MK13 ~ Clostridium

Rho = -0.241879723956622 , adjusted pvalue = 0.102457506973293



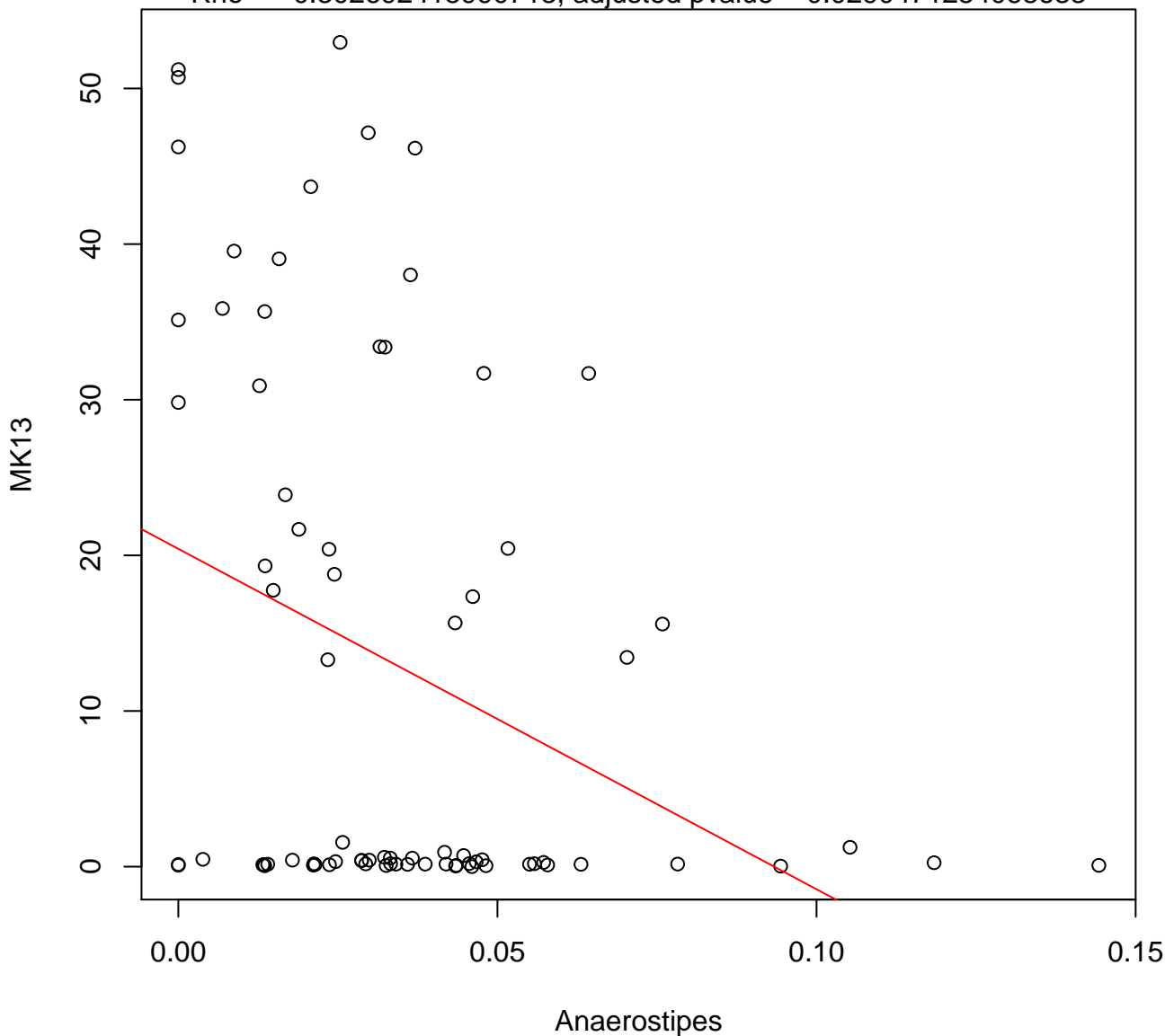
Timepoint 2 , MK13 ~ Dehalobacterium

Rho = 0.324611625998859, adjusted pvalue = 0.0180310970428357



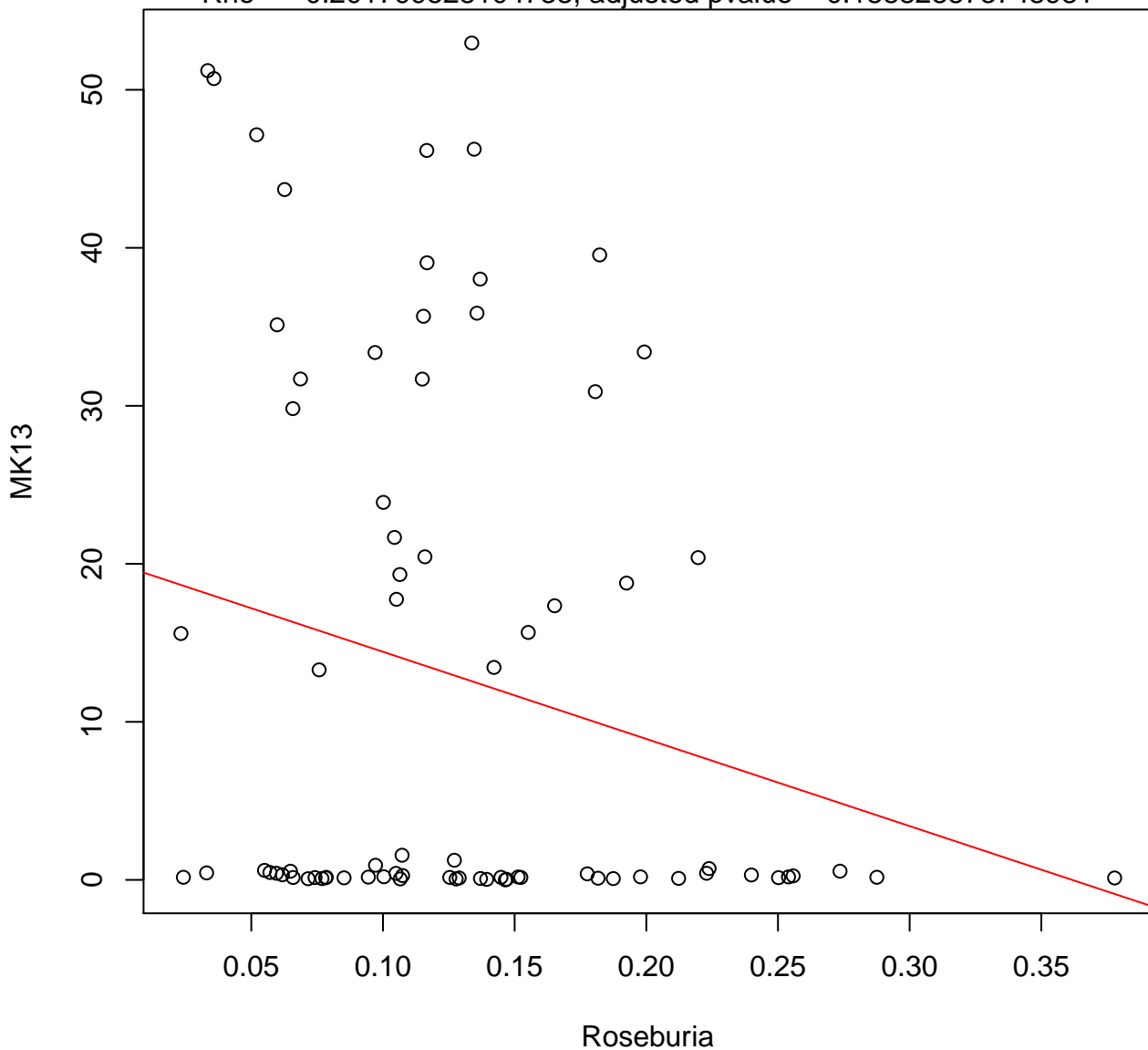
Timepoint 2 , MK13 ~ Anaerostipes

Rho = -0.302692415990713 , adjusted pvalue = 0.0290471254068633



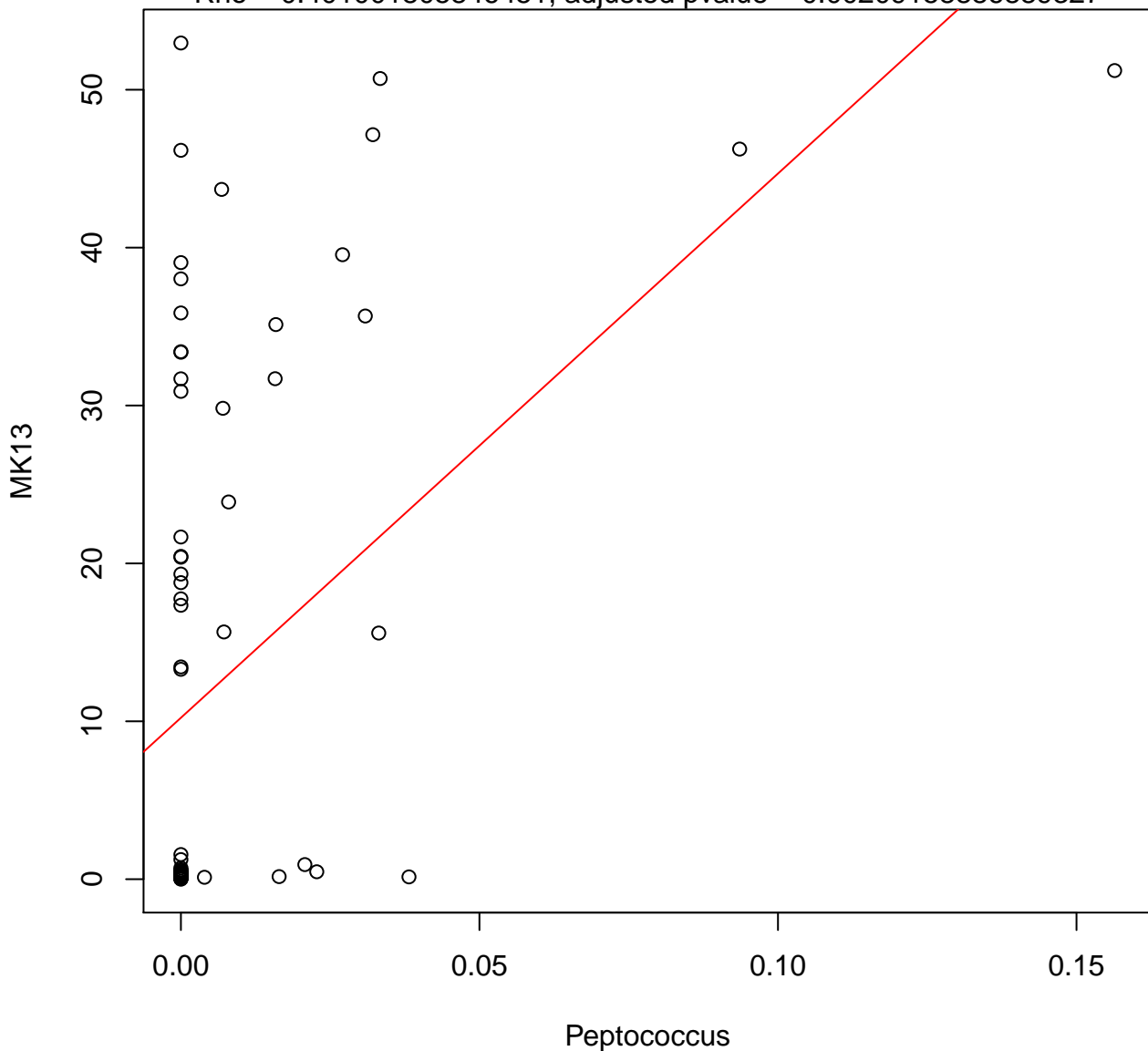
Timepoint 2 , MK13 ~ Roseburia

Rho = -0.201799528104733 , adjusted pvalue = 0.188828873748981



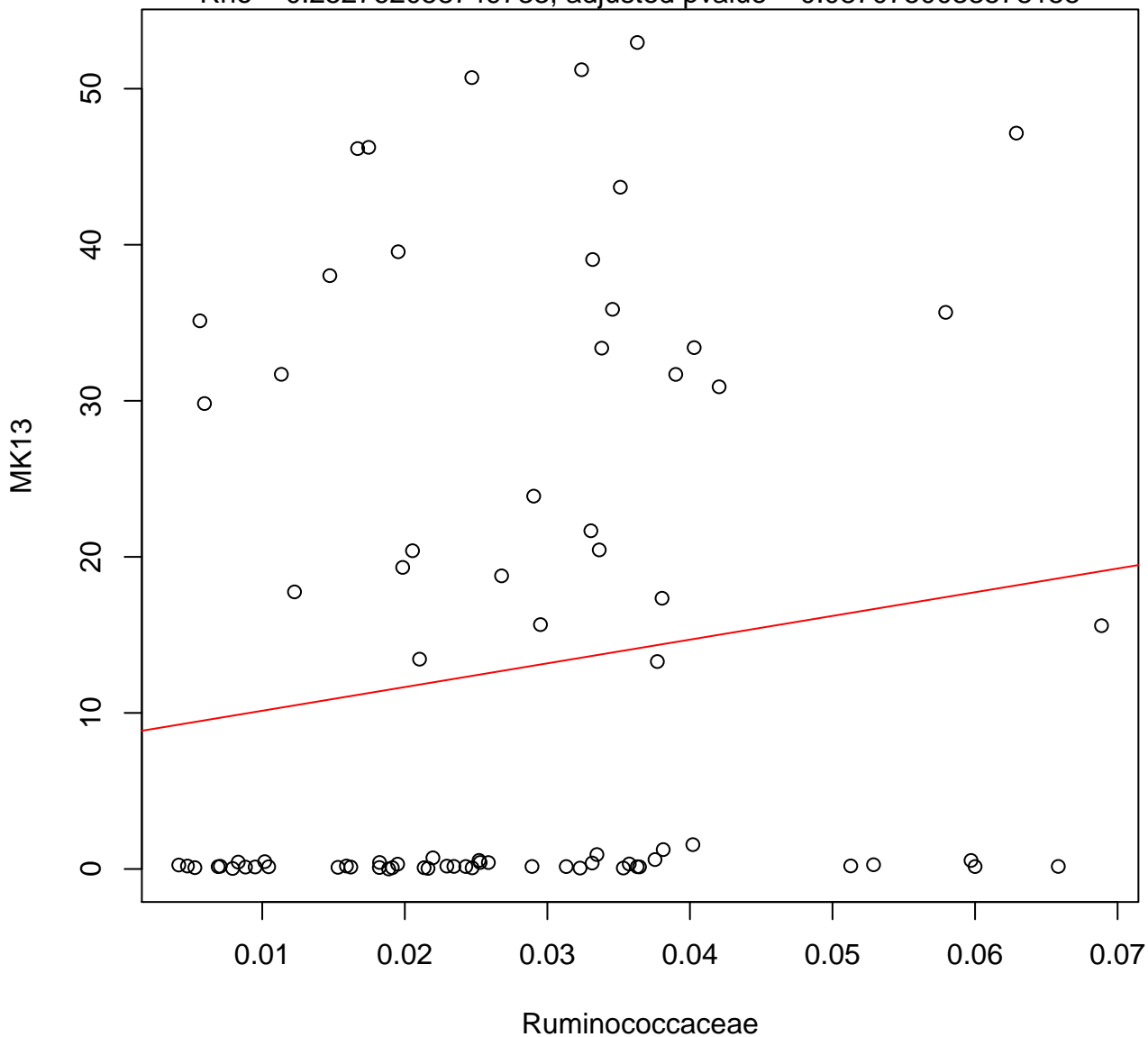
Timepoint 2 , MK13 ~ Peptococcus

Rho = 0.401001805846451, adjusted pvalue = 0.00209158886889327



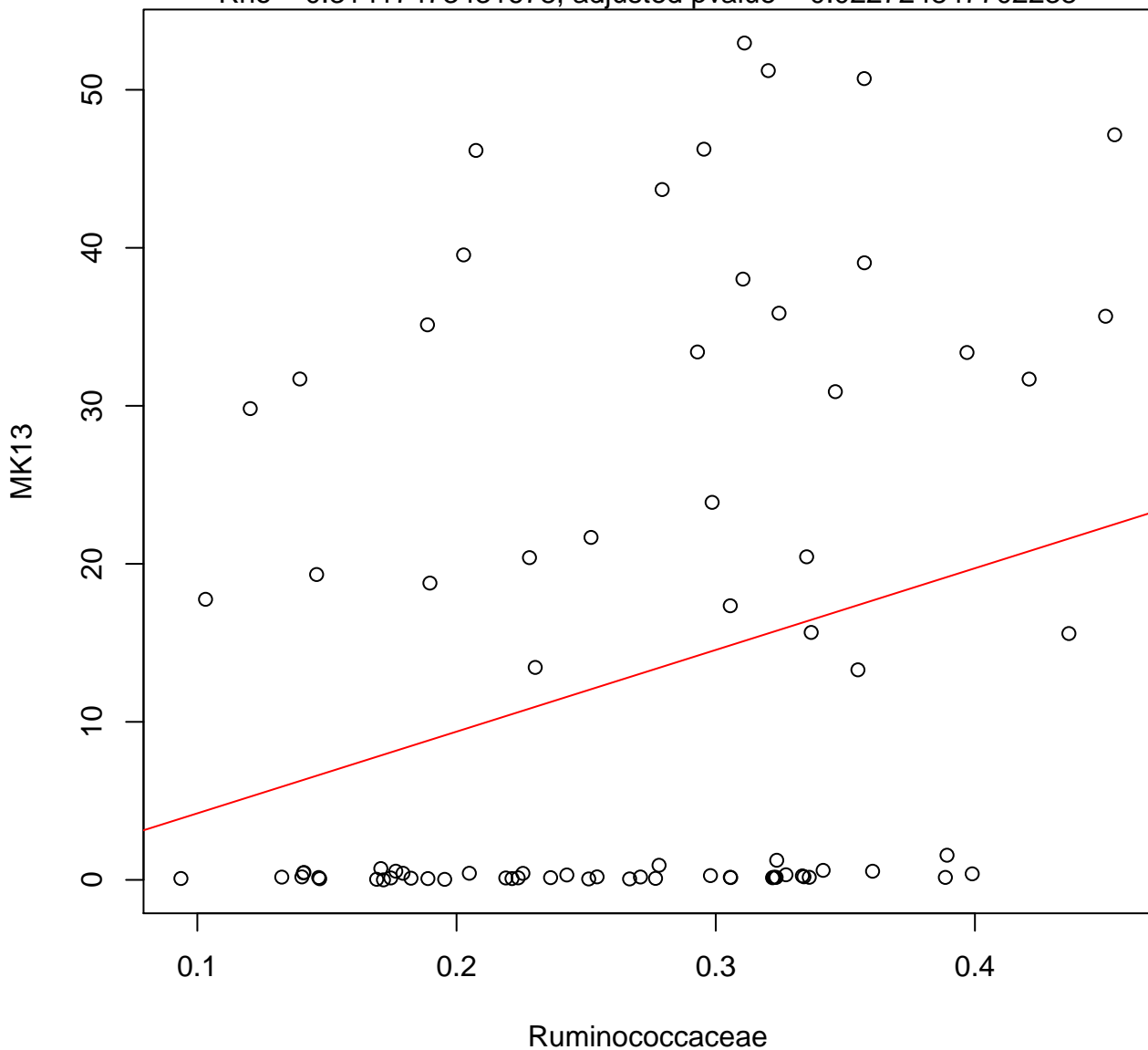
Timepoint 2 , MK13 ~ Ruminococcaceae

Rho = 0.252762058749733, adjusted pvalue = 0.0870750033578155



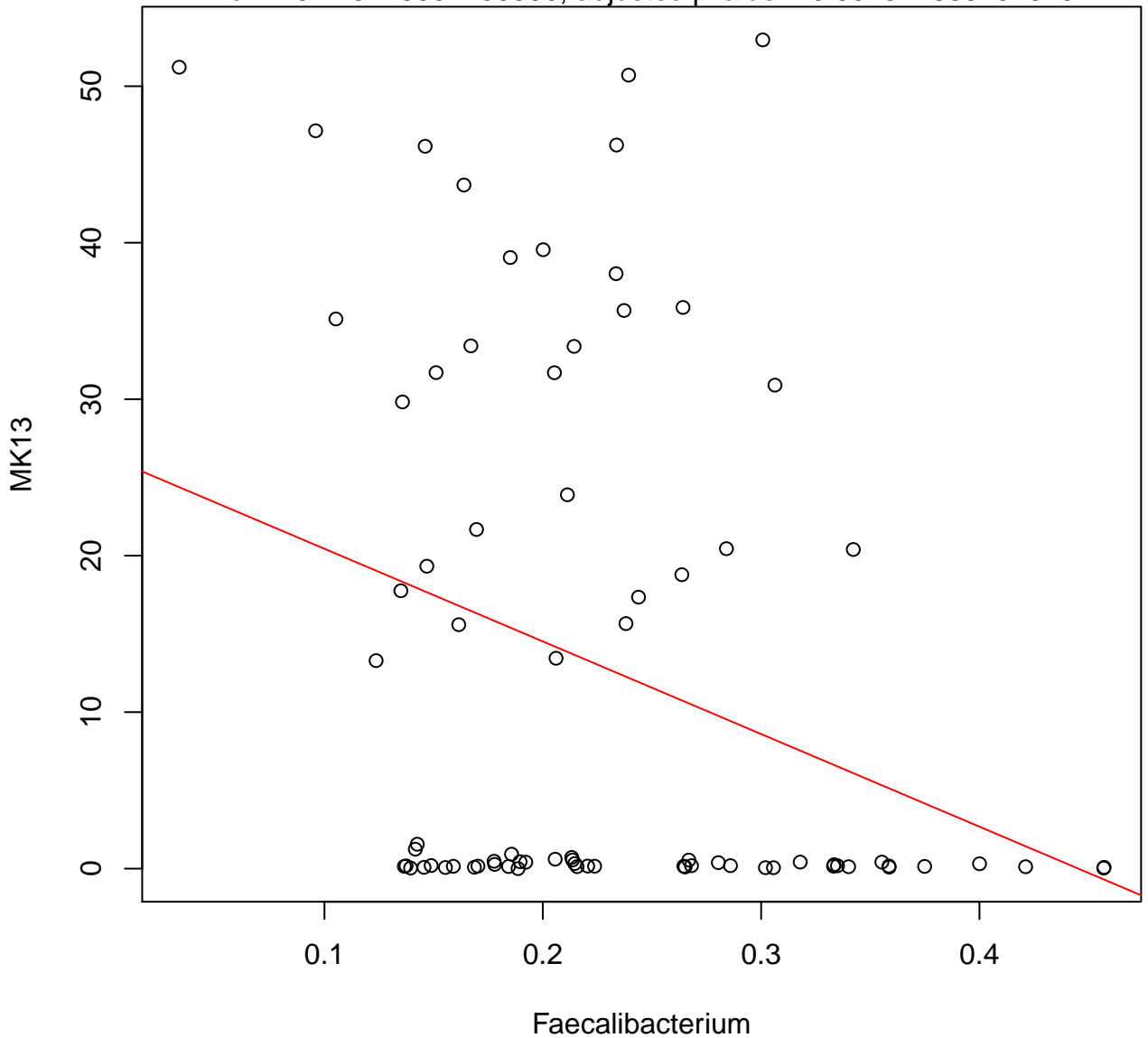
Timepoint 2 , MK13 ~ Ruminococcaceae

Rho = 0.31417473431678, adjusted pvalue = 0.022724847702238



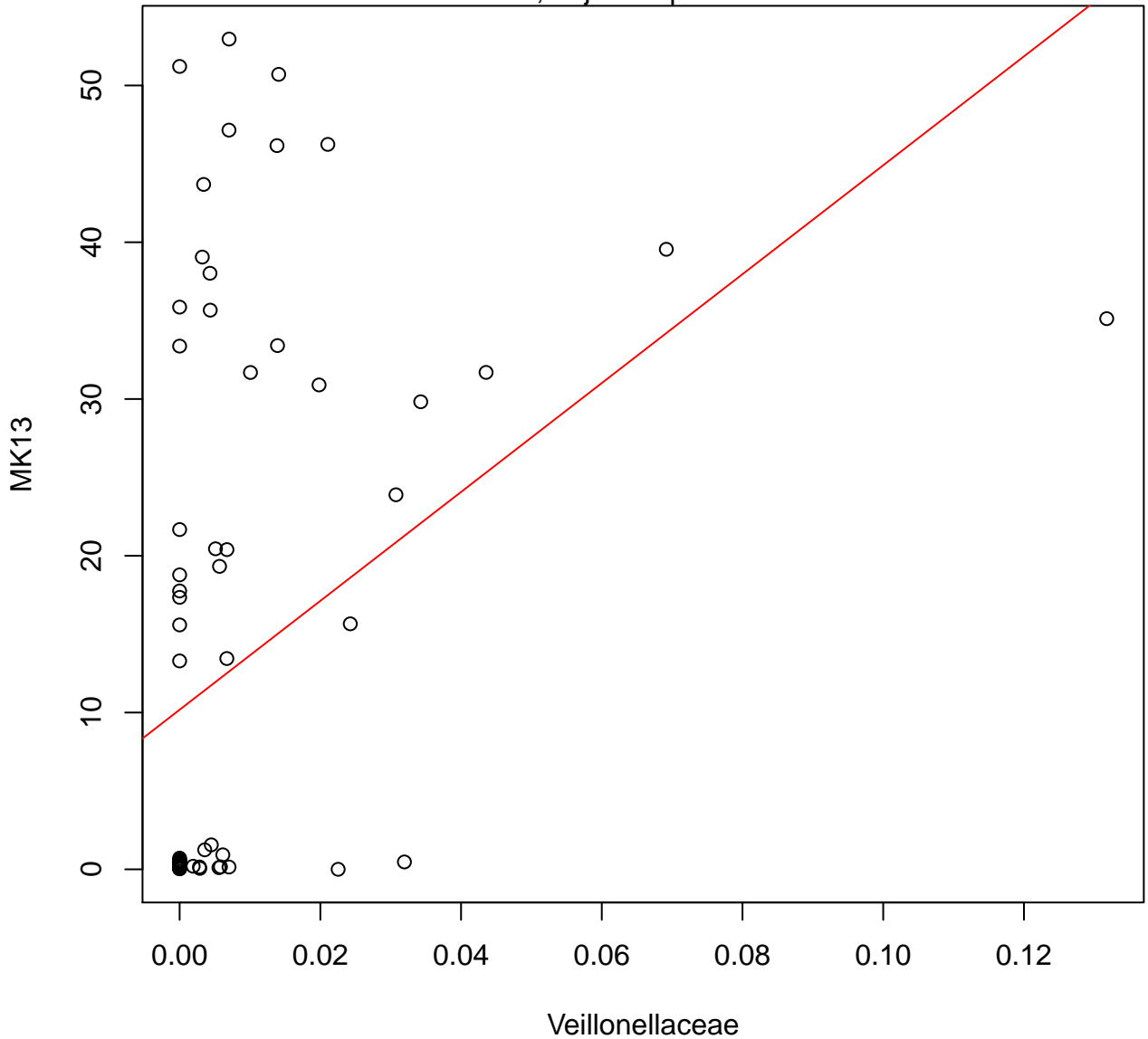
Timepoint 2 , MK13 ~ Faecalibacterium

Rho = -0.275778667250996 , adjusted pvalue = 0.0543416681548791



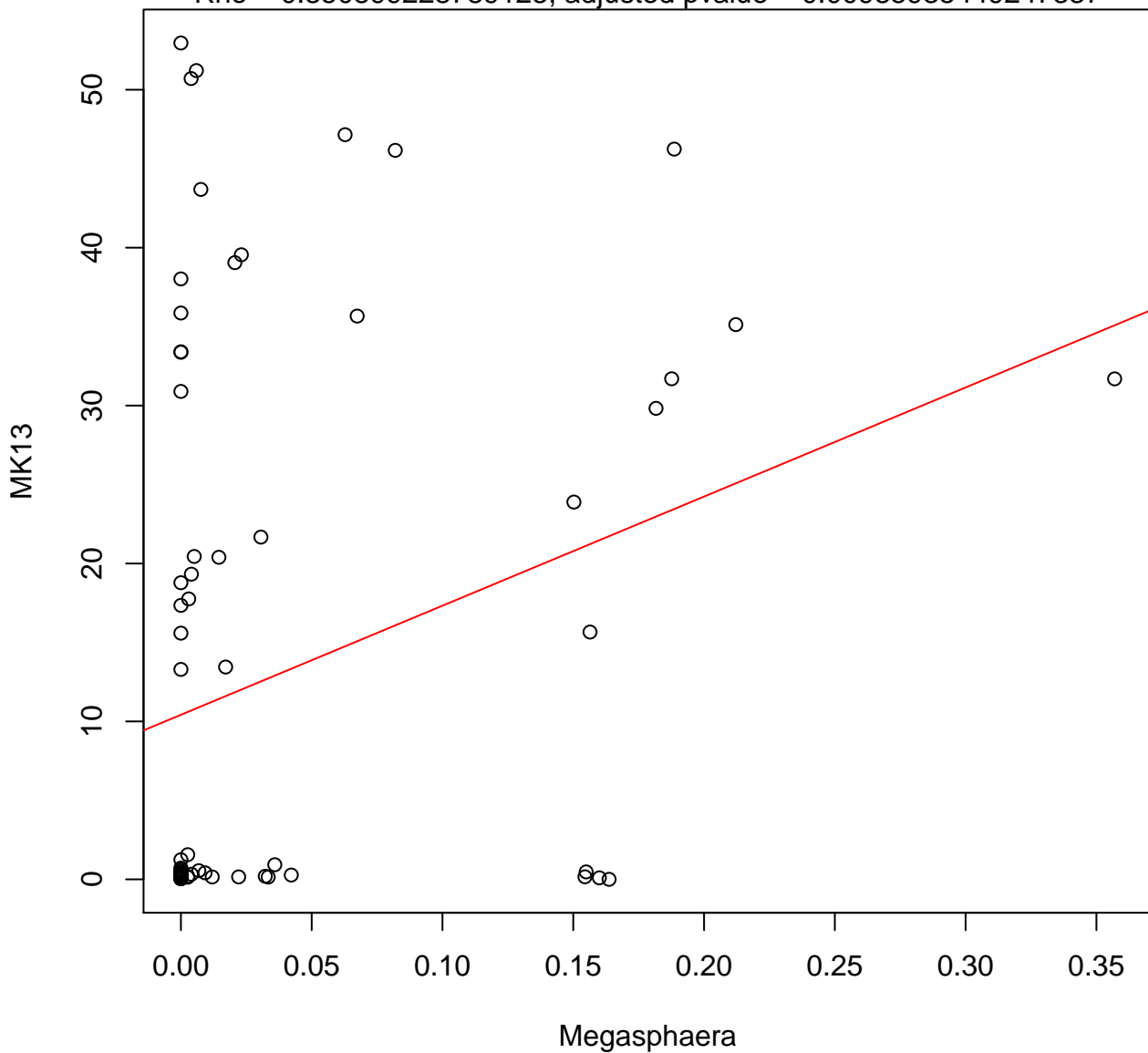
Timepoint 2 , MK13 ~ Veillonellaceae

Rho = 0.501845793386508, adjusted pvalue = 9.80373262616477e-05



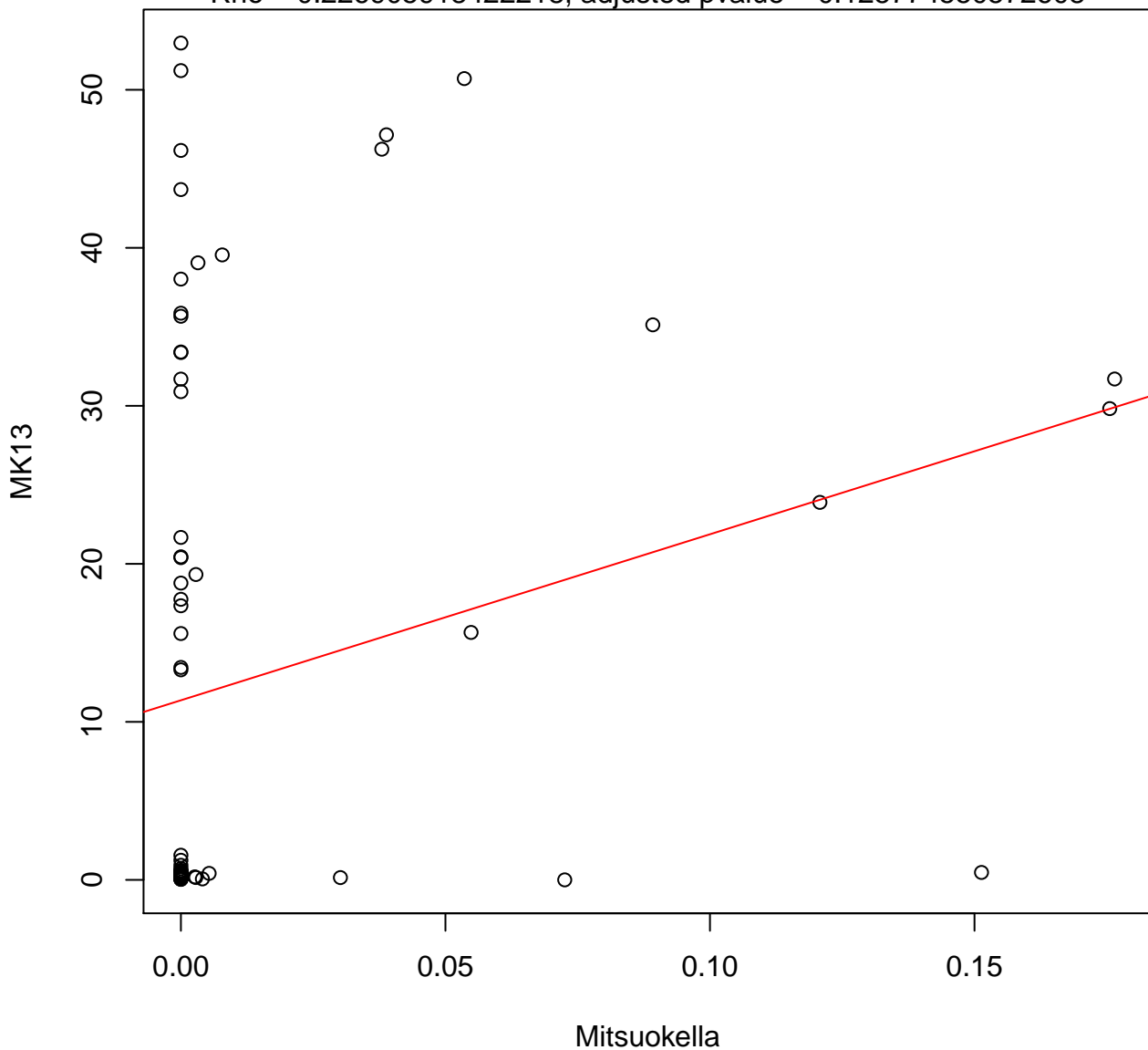
Timepoint 2 , MK13 ~ Megasphaera

Rho = 0.350899228789123, adjusted pvalue = 0.00985935449247337



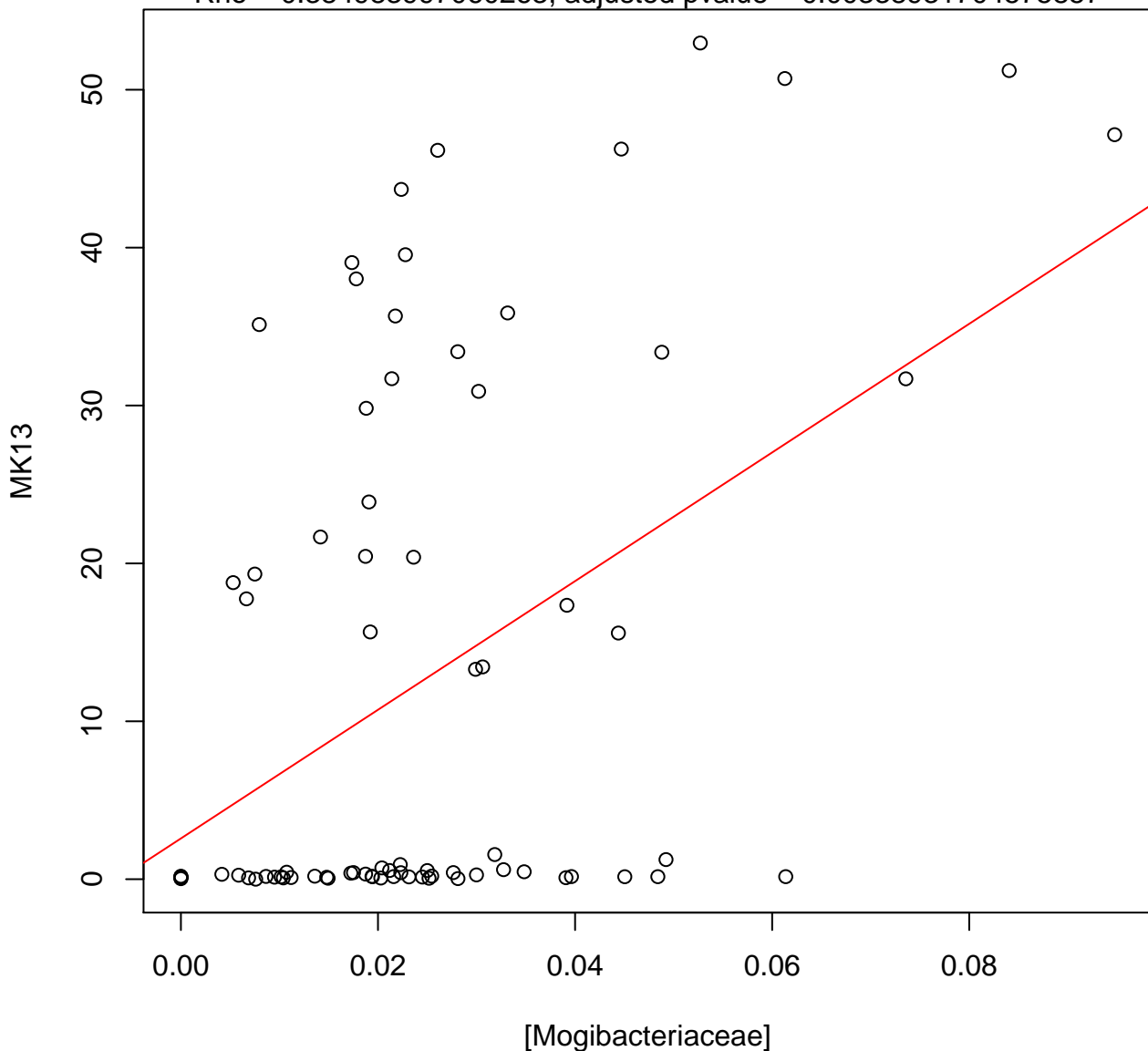
Timepoint 2 , MK13 ~ Mitsuokella

Rho = 0.226905918422218, adjusted pvalue = 0.125774550572608



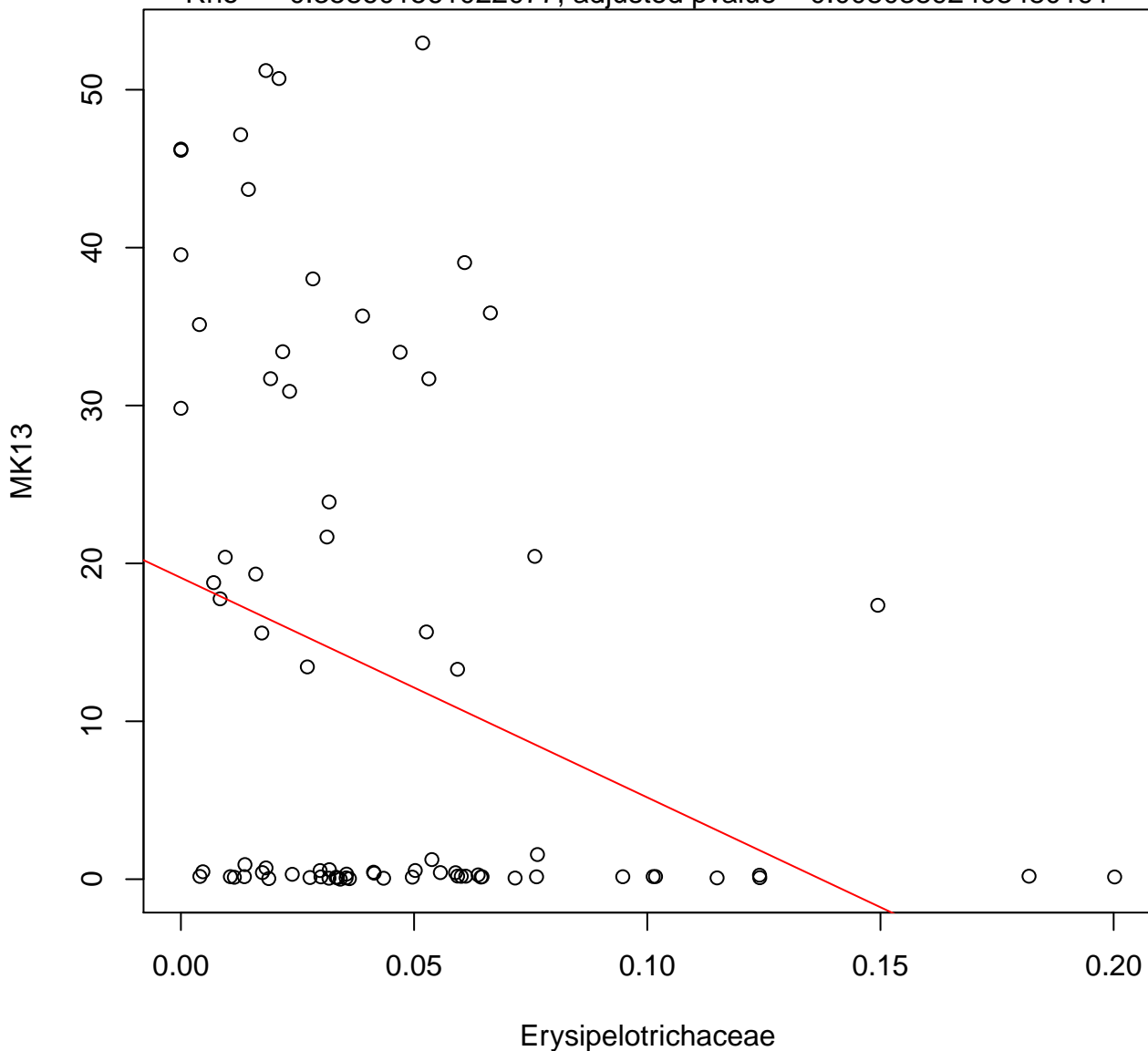
Timepoint 2 , MK13 ~ [Mogibacteriaceae]

Rho = 0.384983997060263, adjusted pvalue = 0.00338931704575857



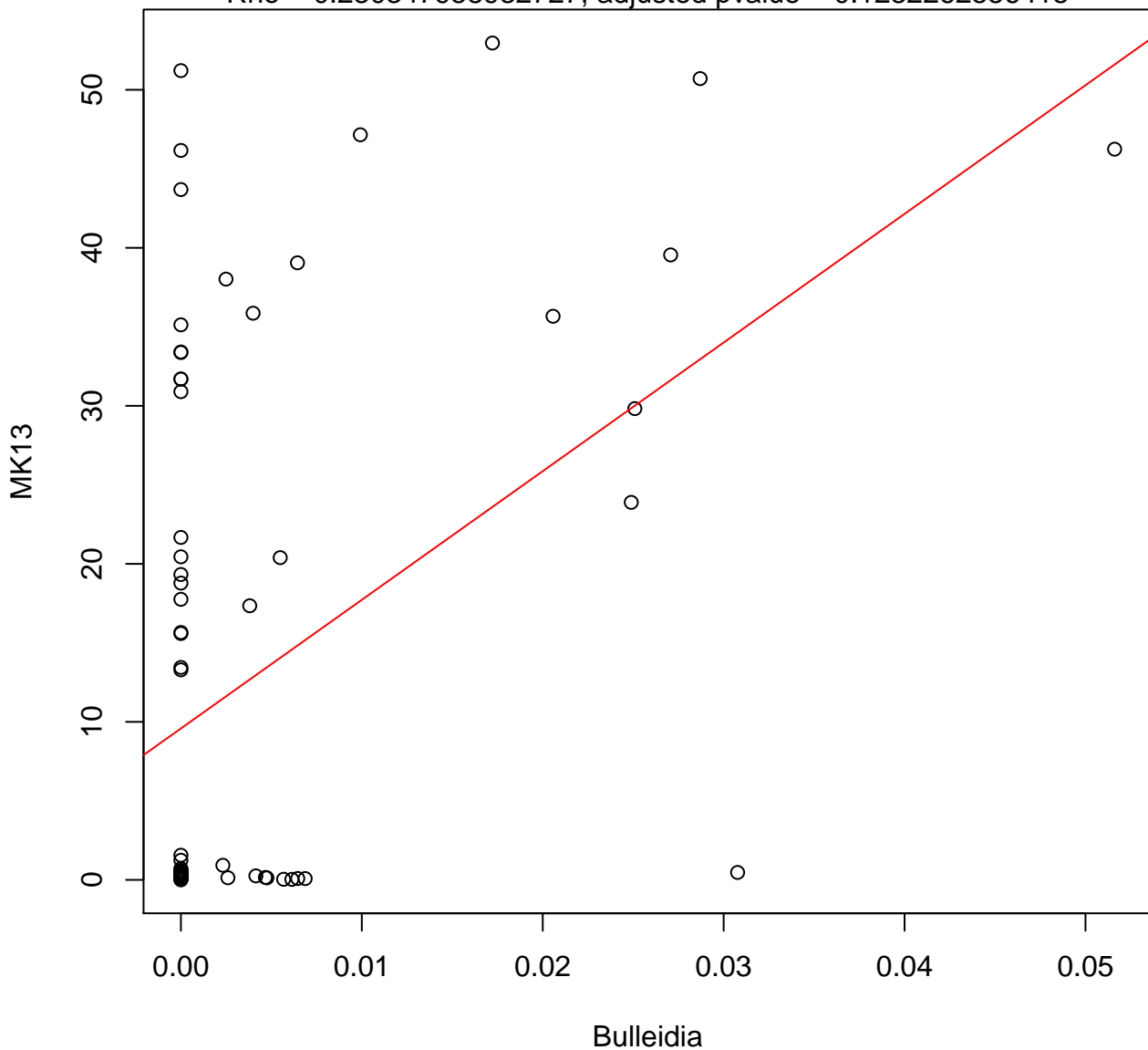
Timepoint 2 , MK13 ~ Erysipelotrichaceae

Rho = -0.358601561022077 , adjusted pvalue = 0.00803892493480191



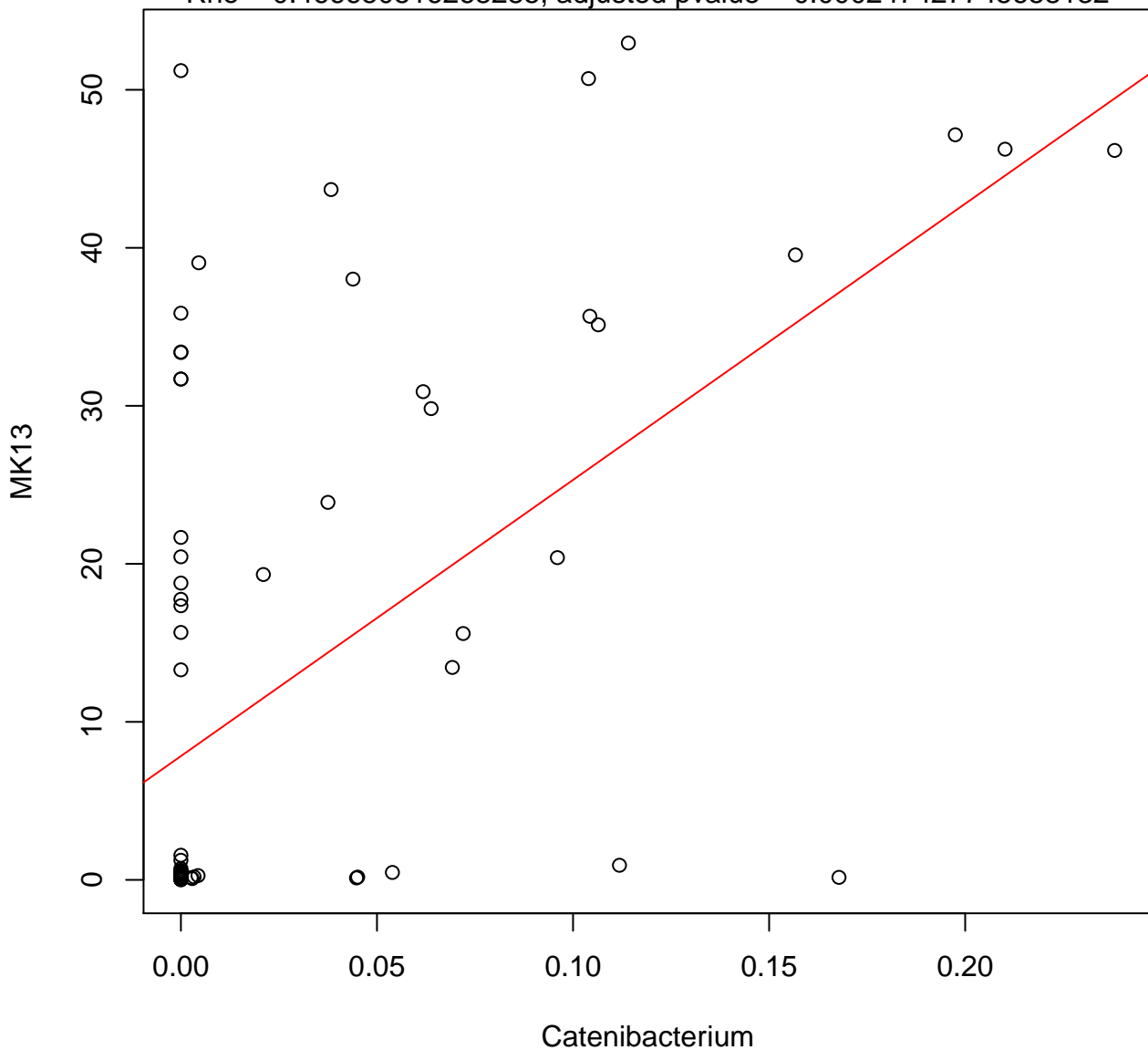
Timepoint 2 , MK13 ~ Bulleidia

Rho = 0.230347958932727, adjusted pvalue = 0.1232262556415



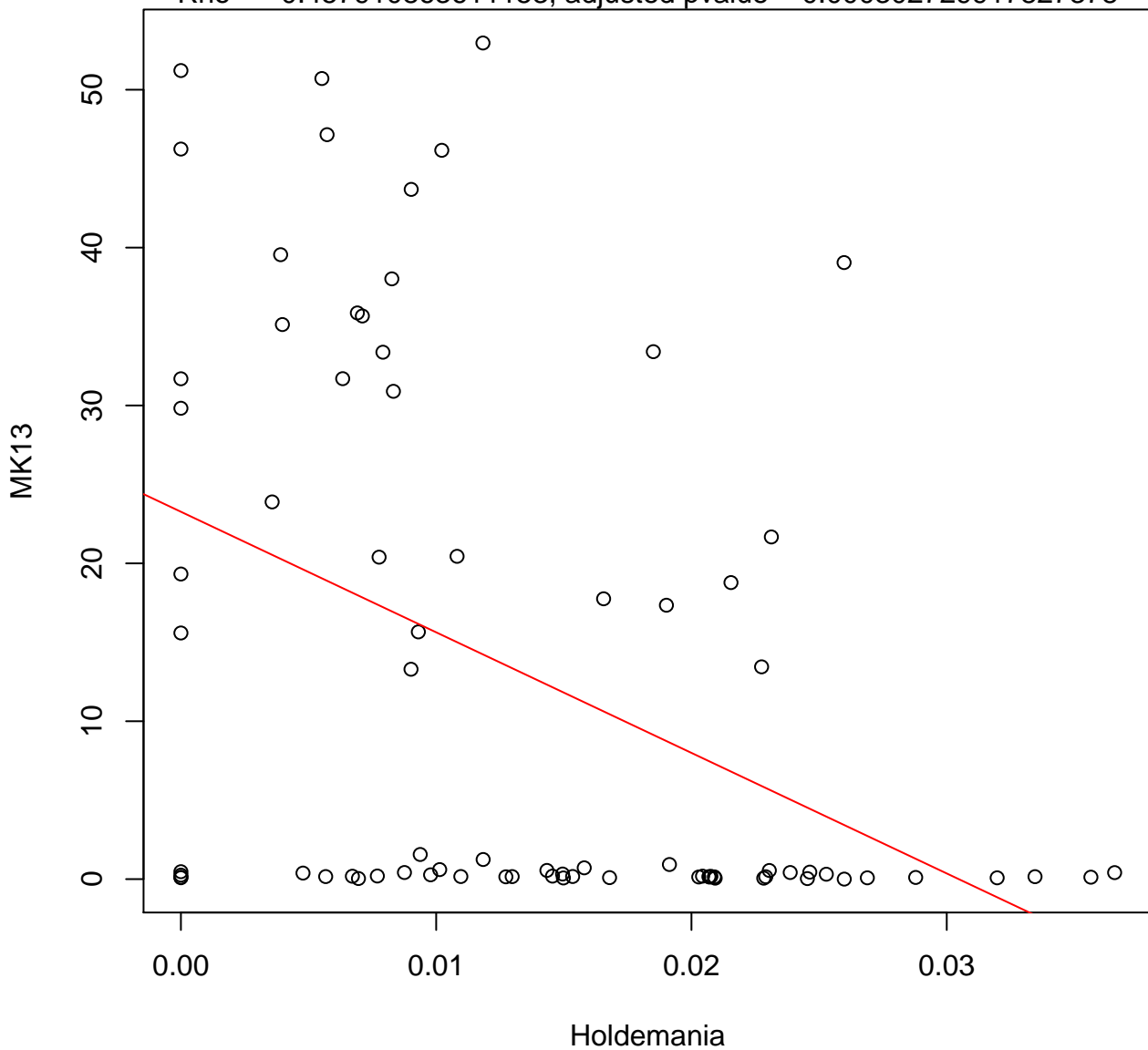
Timepoint 2 , MK13 ~ Catenibacterium

Rho = 0.466650516268285, adjusted pvalue = 0.000247427745658132



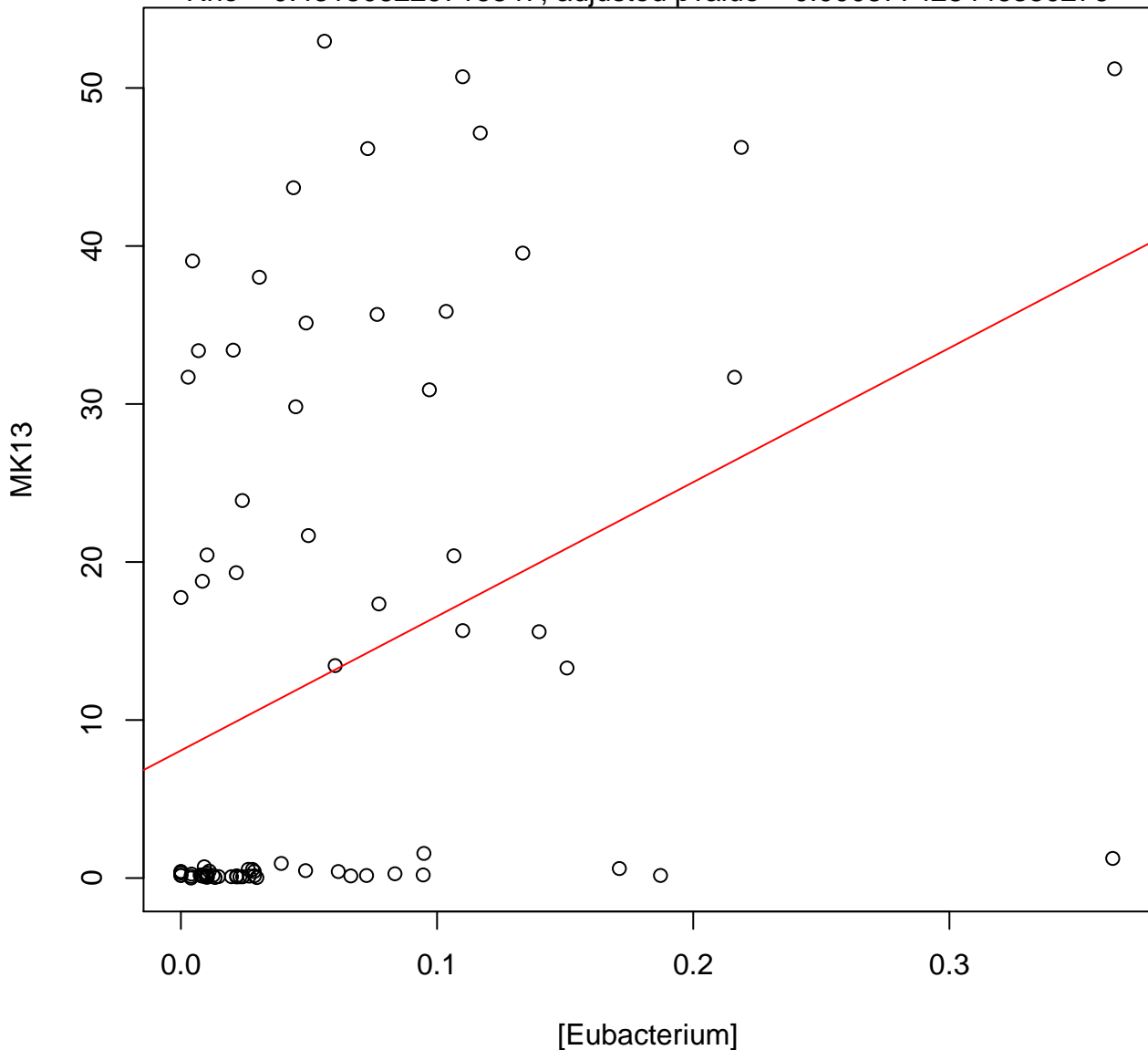
Timepoint 2 , MK13 ~ Holdemania

Rho = -0.457910863611153, adjusted pvalue = 0.000302729917827378



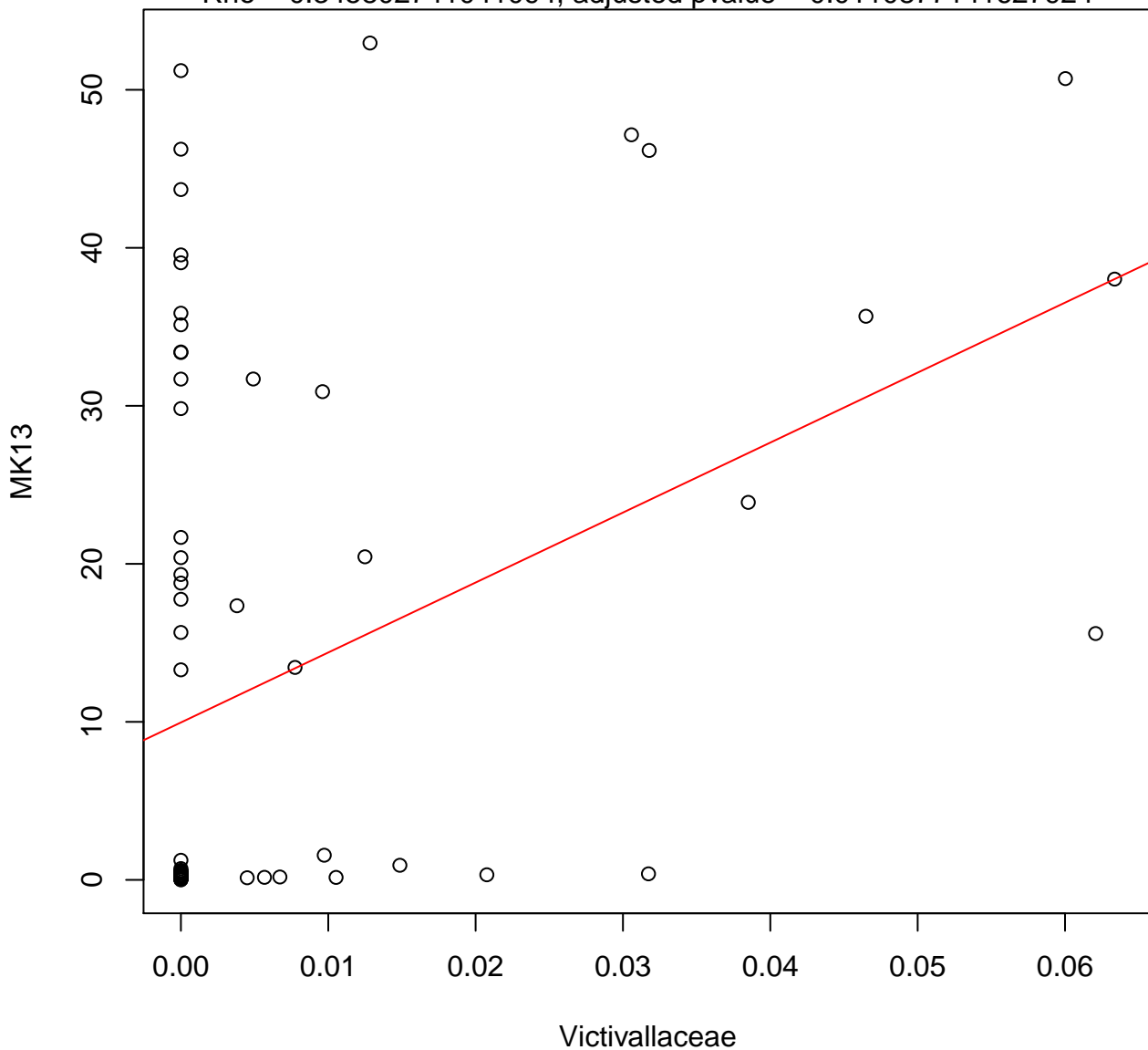
Timepoint 2 , MK13 ~ [Eubacterium]

Rho = 0.431506229716847, adjusted pvalue = 0.000877428446350276



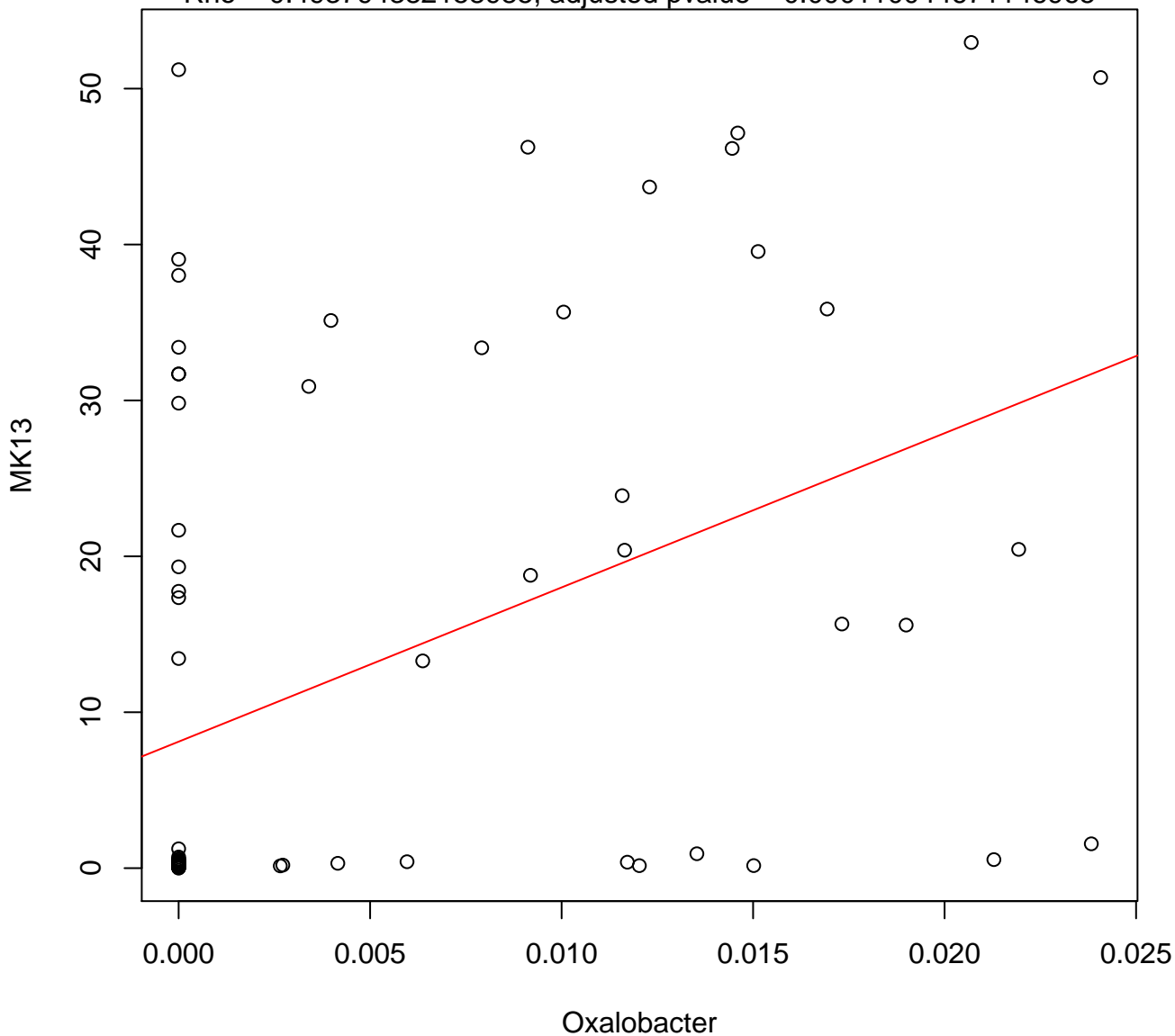
Timepoint 2 , MK13 ~ Victivallaceae

Rho = 0.345802741041094, adjusted pvalue = 0.0110877141627924



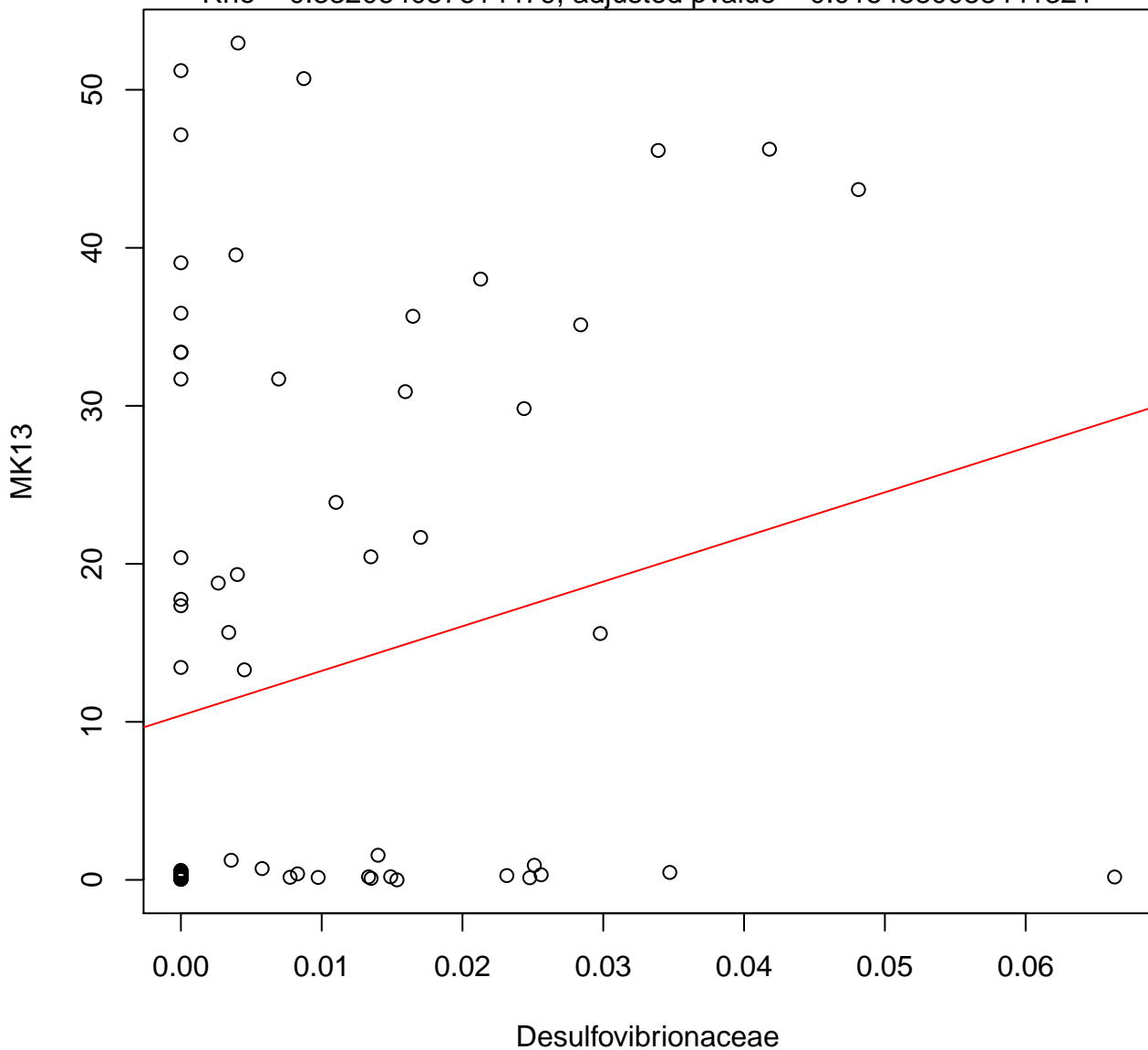
Timepoint 2 , MK13 ~ Oxalobacter

Rho = 0.493794382158985, adjusted pvalue = 0.000110044671146965



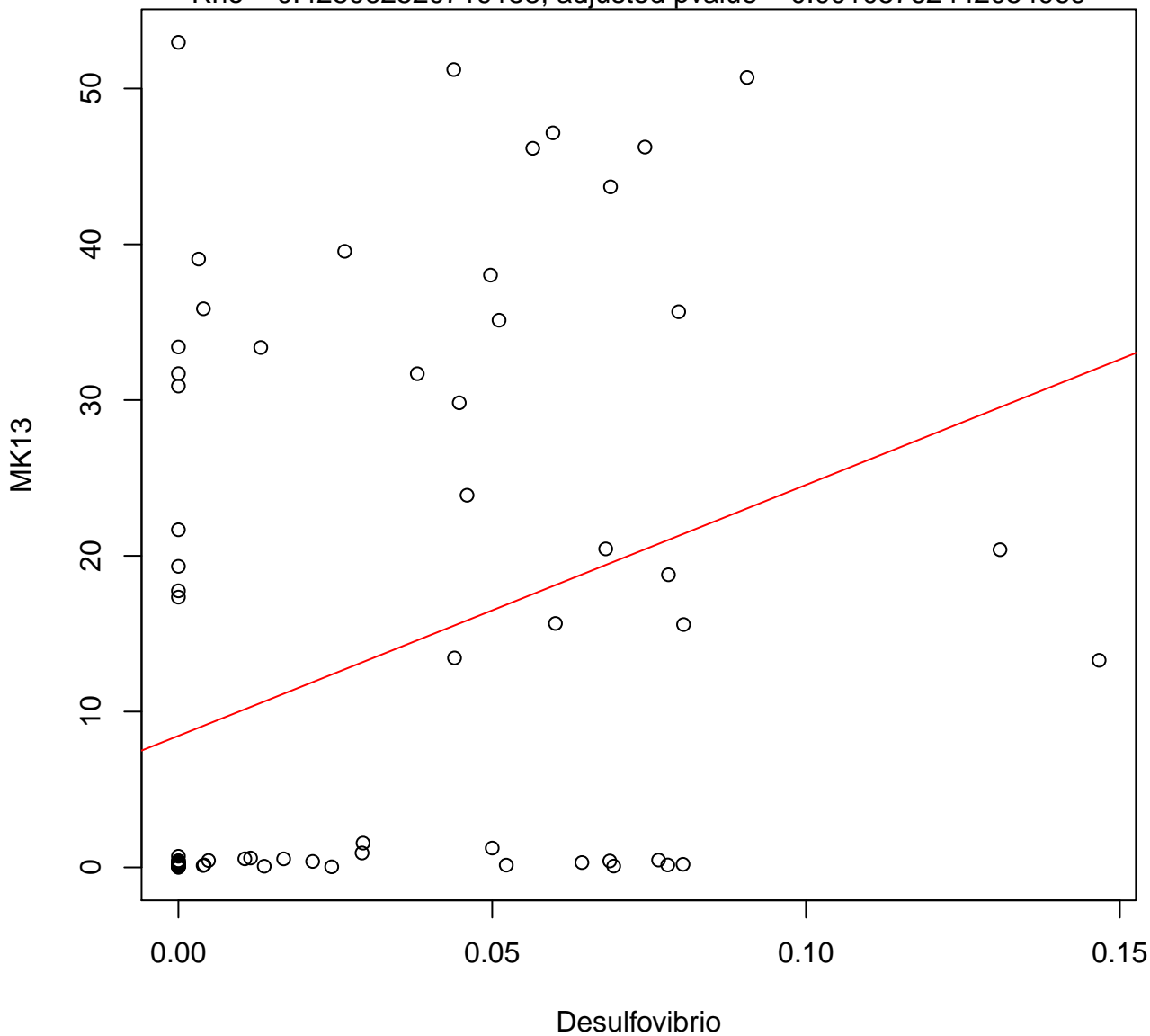
Timepoint 2 , MK13 ~ Desulfovibrionaceae

Rho = 0.332064057614479, adjusted pvalue = 0.0154580088441321



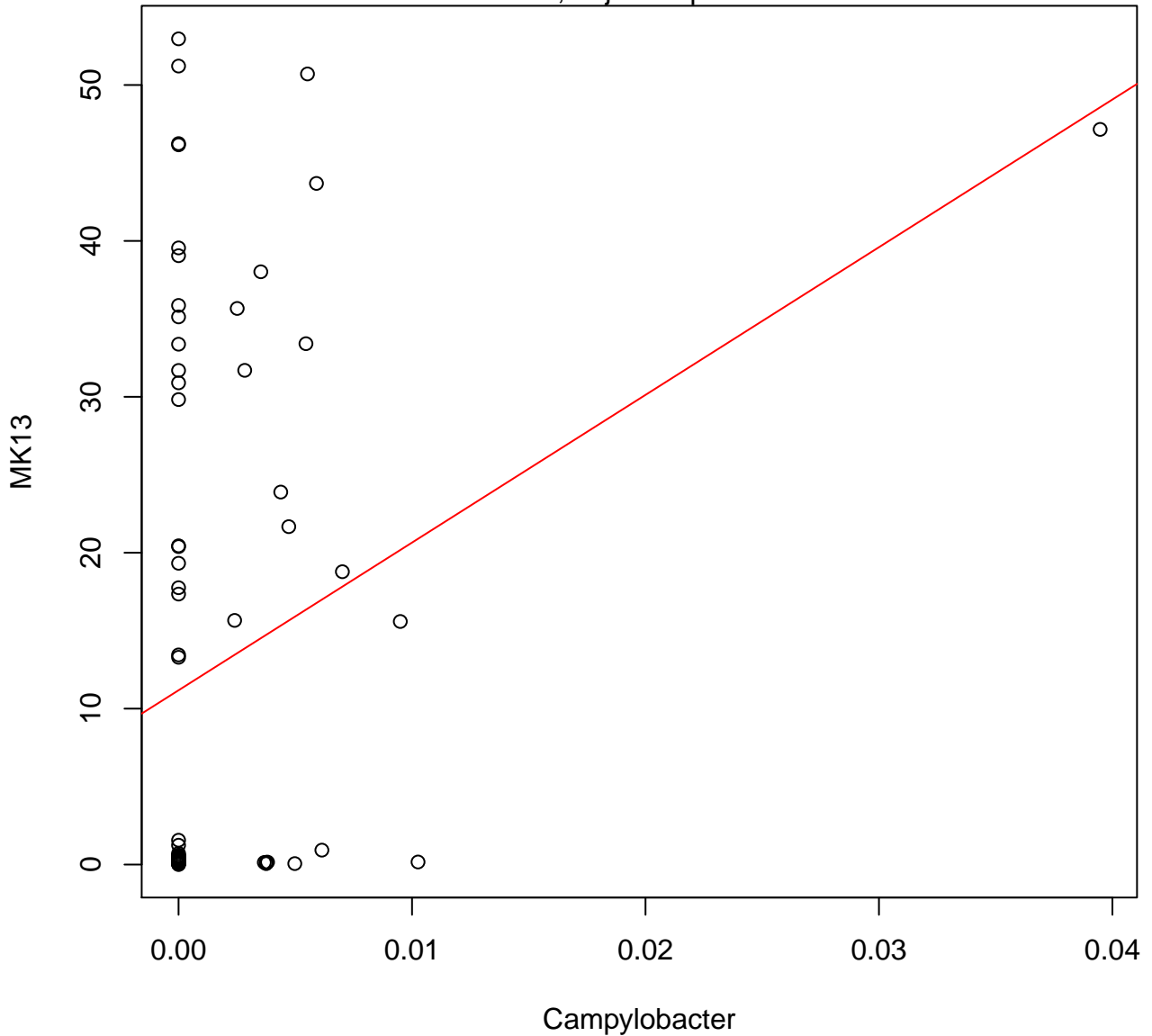
Timepoint 2 , MK13 ~ Desulfovibrio

Rho = 0.425062520719158, adjusted pvalue = 0.00105762442054969



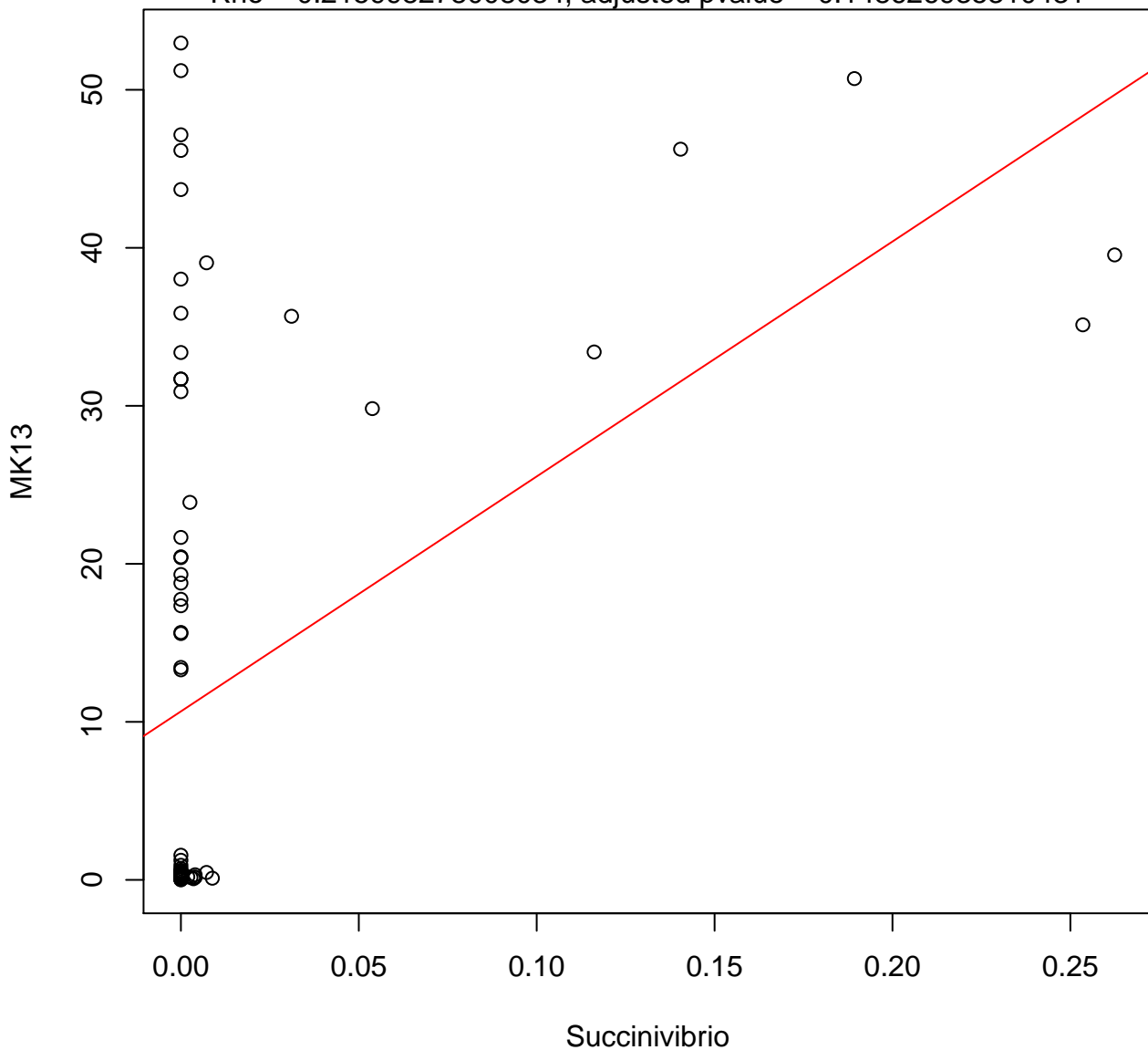
Timepoint 2 , MK13 ~ Campylobacter

Rho = 0.188829432264178, adjusted pvalue = 0.222676947347522



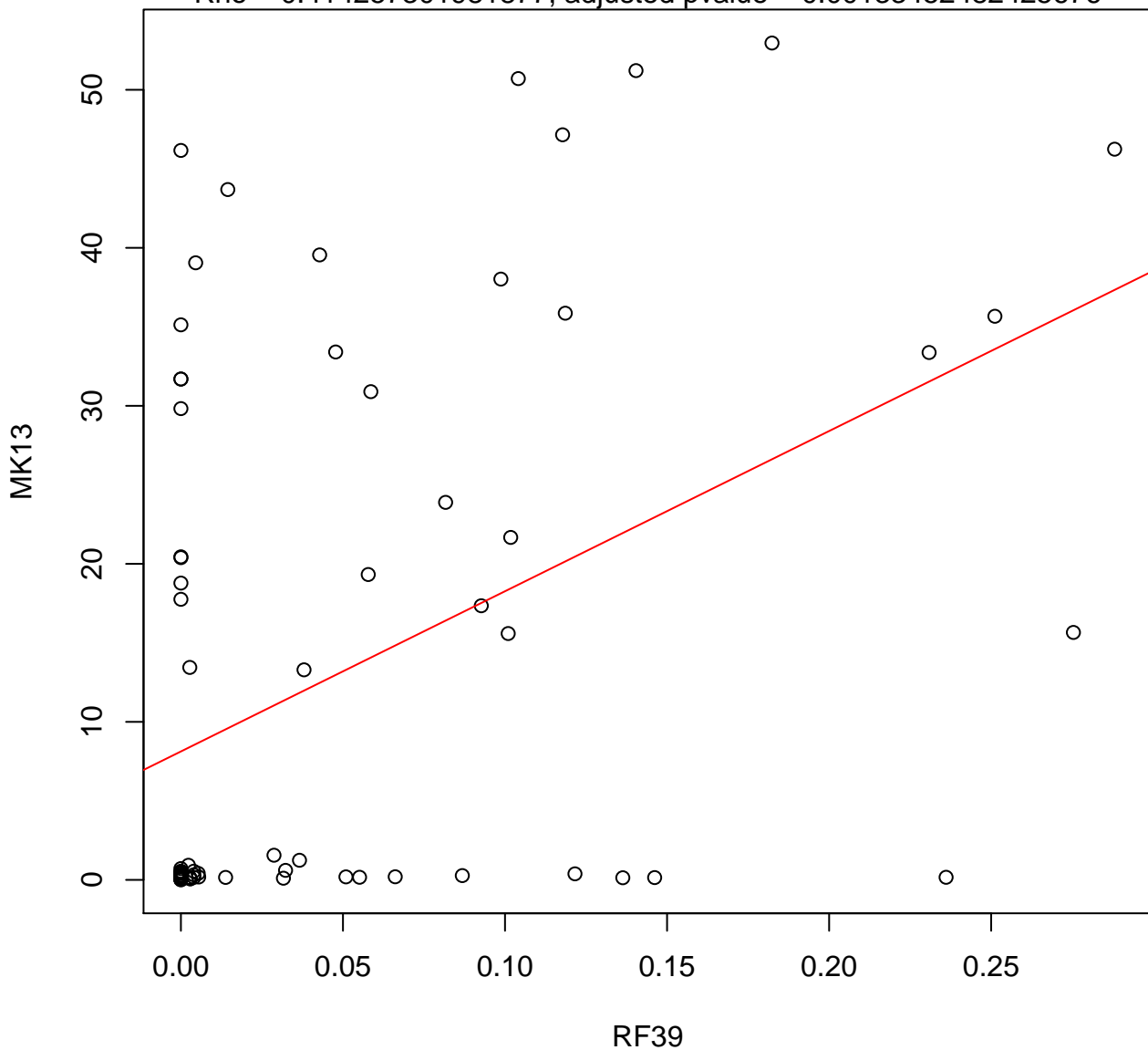
Timepoint 2 , MK13 ~ Succinivibrio

Rho = 0.215998278008034, adjusted pvalue = 0.148626935310431



Timepoint 2 , MK13 ~ RF39

Rho = 0.414257301981877, adjusted pvalue = 0.00133452482425676



Timepoint 2 , MK13 ~ ML615J-28

Rho = 0.308176657400998, adjusted pvalue = 0.0260286432374459

