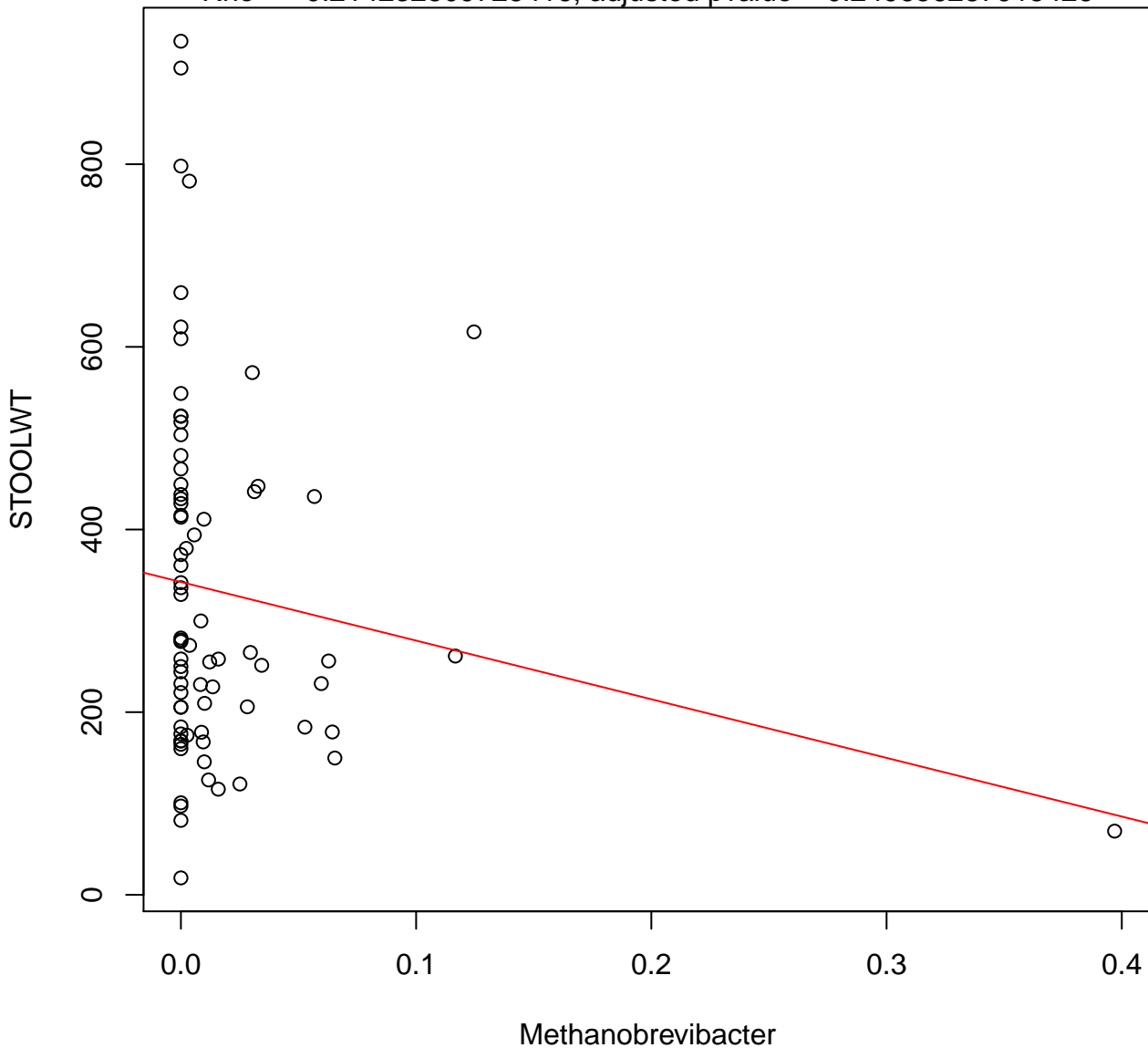


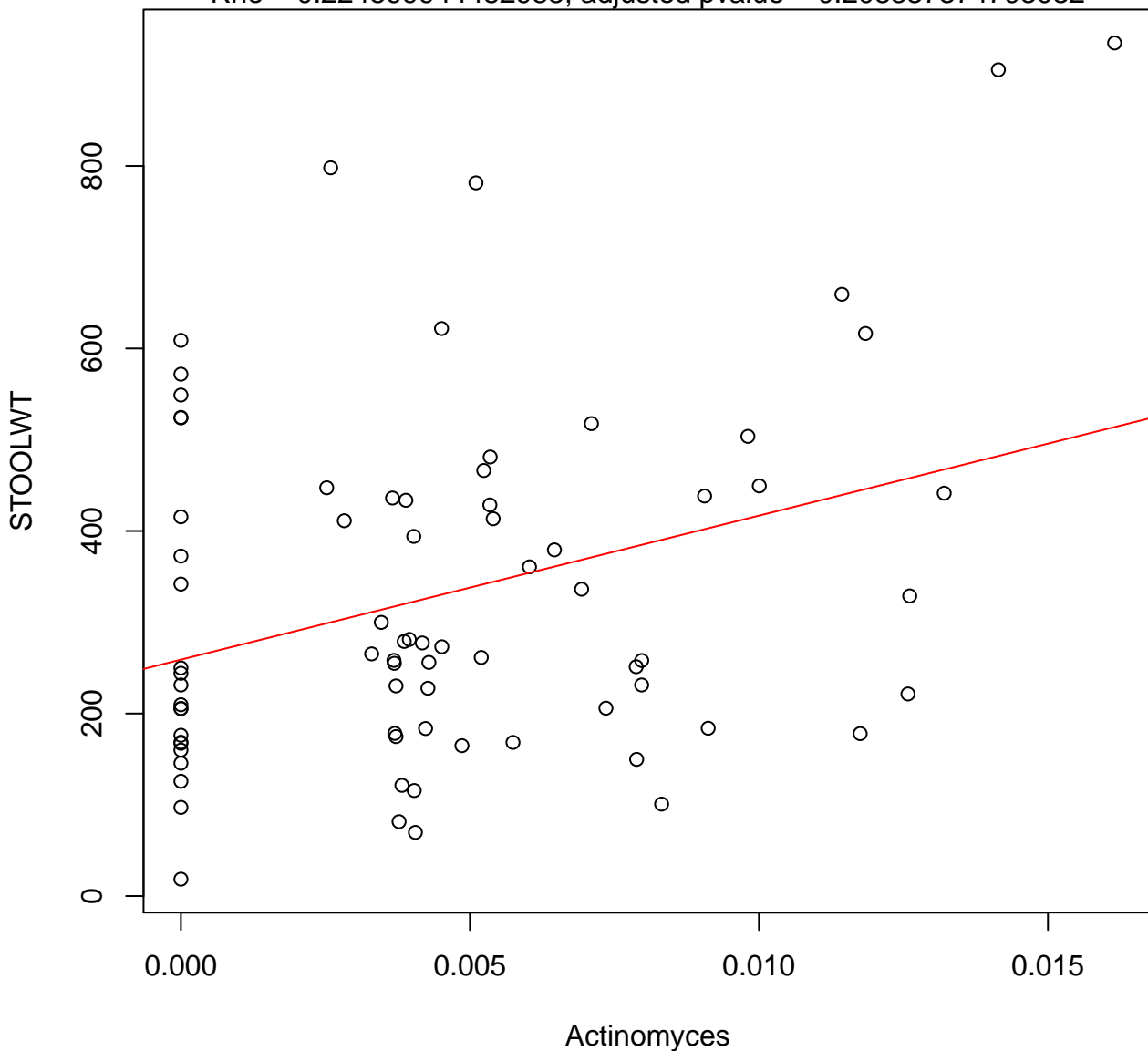
# Timepoint 1 , STOOLWT ~ Methanobrevibacter

Rho = -0.214232509725416, adjusted pvalue = 0.249656287915426



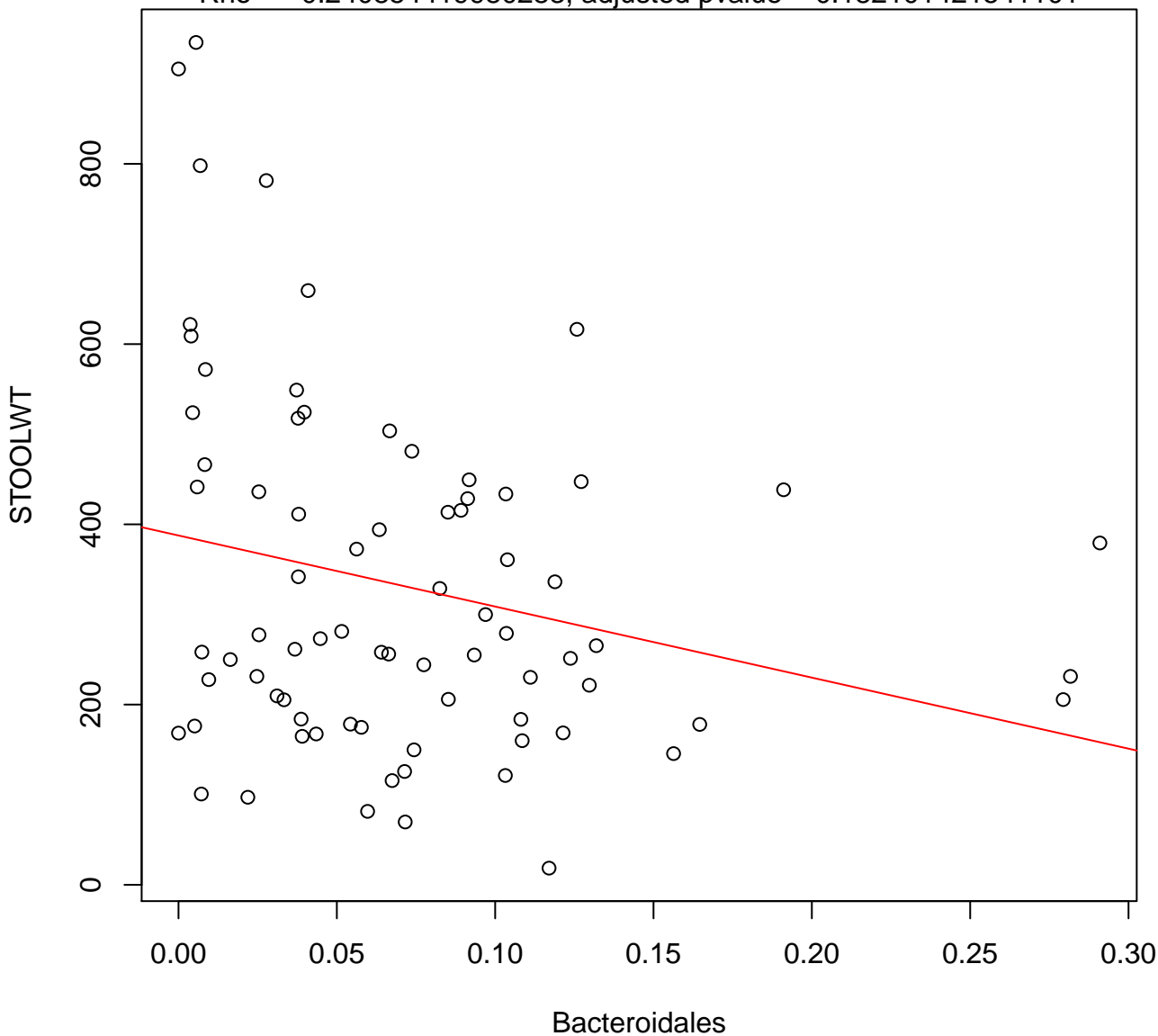
# Timepoint 1 , ST00LWT ~ Actinomyces

Rho = 0.224599944482935, adjusted pvalue = 0.208837374793032



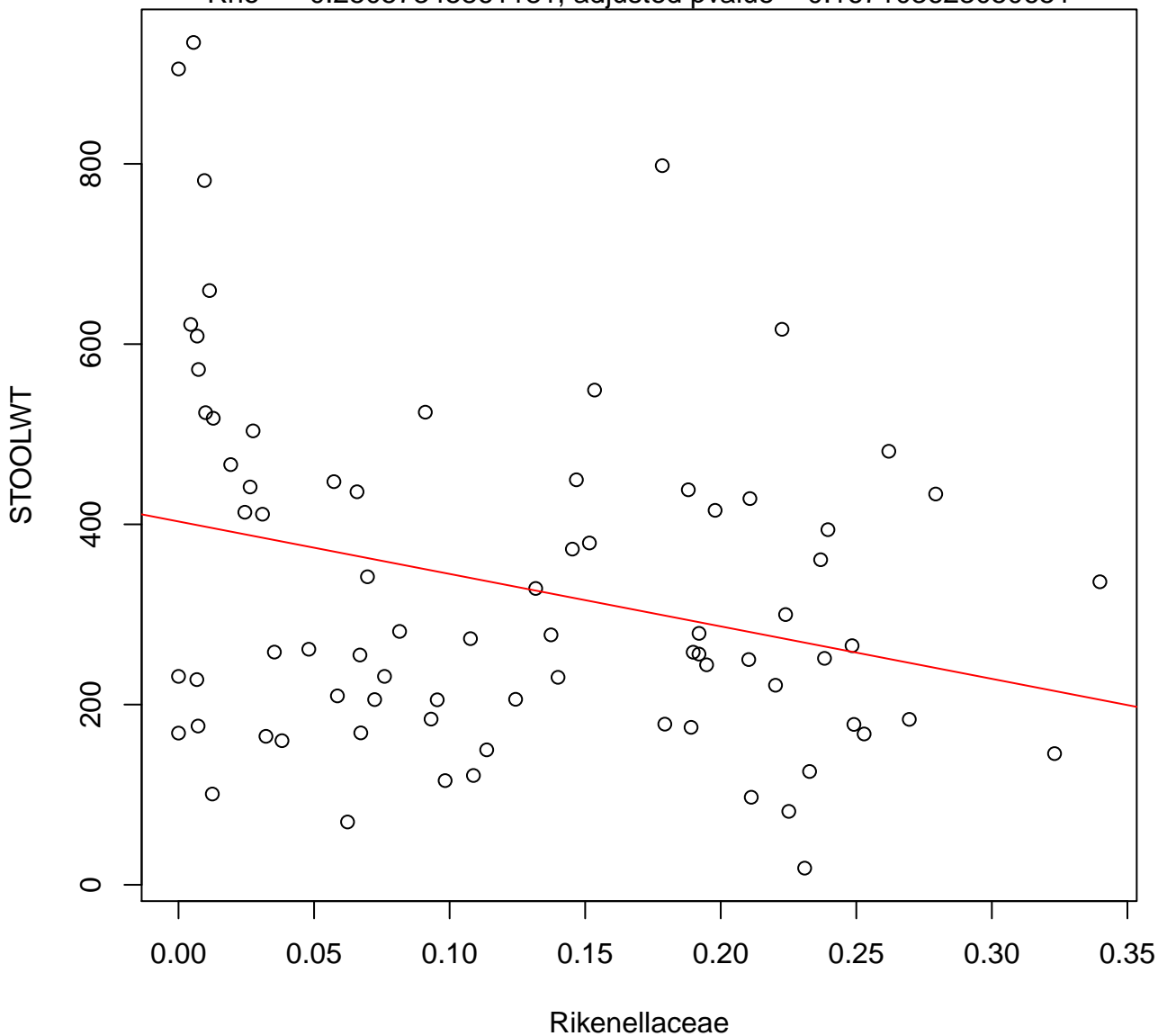
# Timepoint 1 , ST00LWT ~ Bacteroidales

Rho = -0.240854419980283, adjusted pvalue = 0.182101421541101



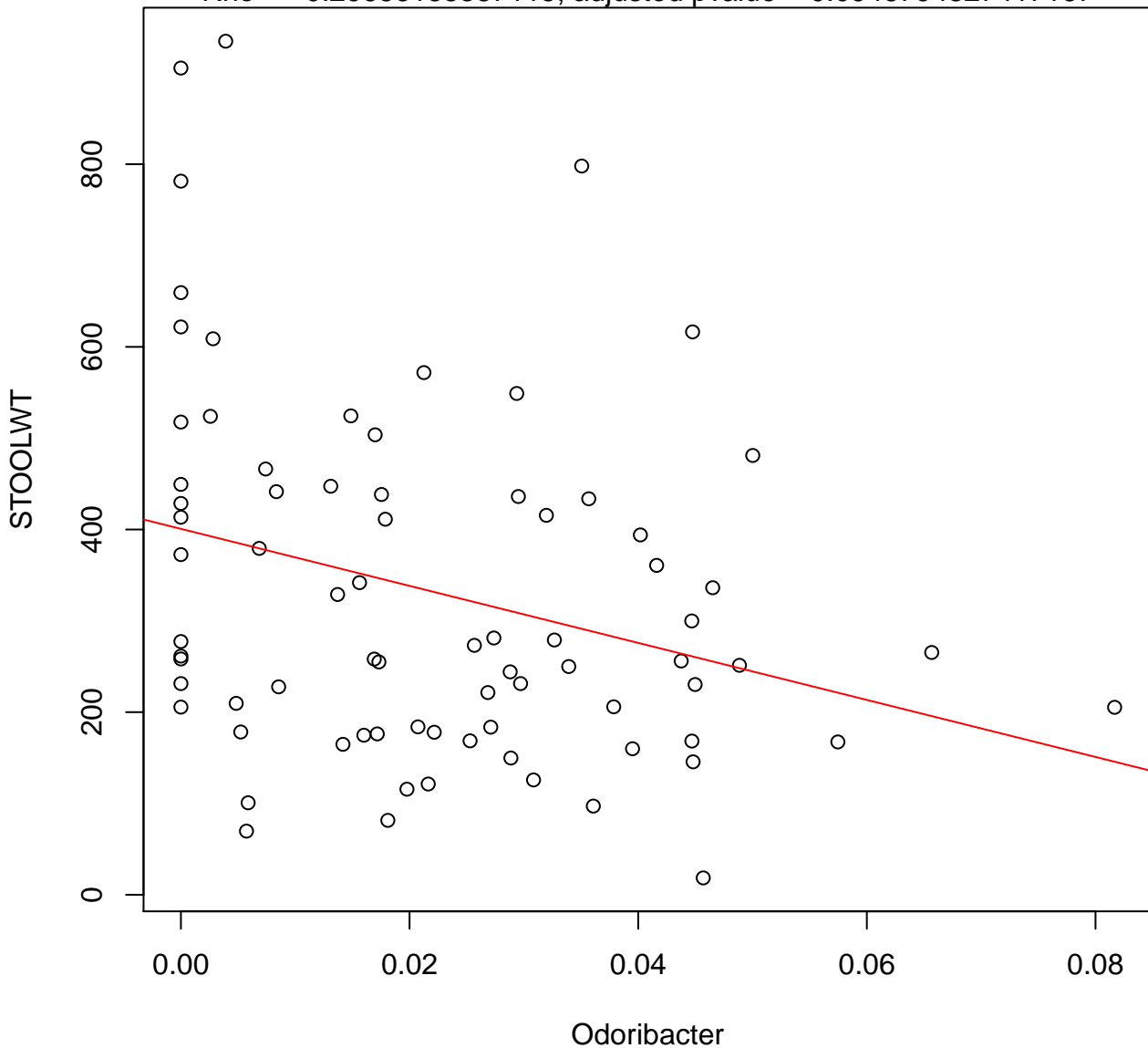
# Timepoint 1 , ST00LWT ~ Rikenellaceae

Rho = -0.25057345861181, adjusted pvalue = 0.167103623050651



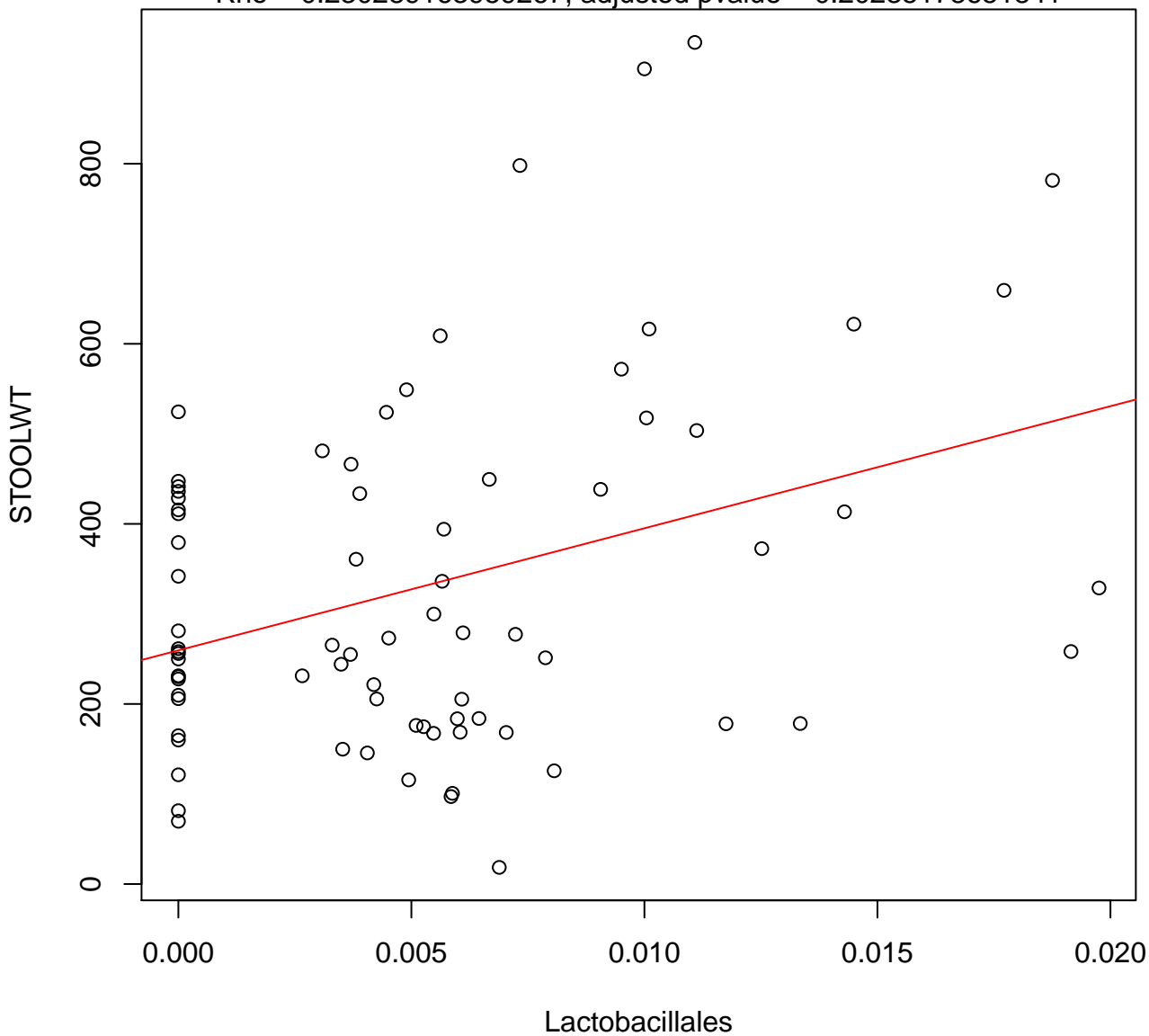
# Timepoint 1 , STOOLWT ~ Odoribacter

Rho =  $-0.29656155387115$ , adjusted pvalue =  $0.0946794827417167$



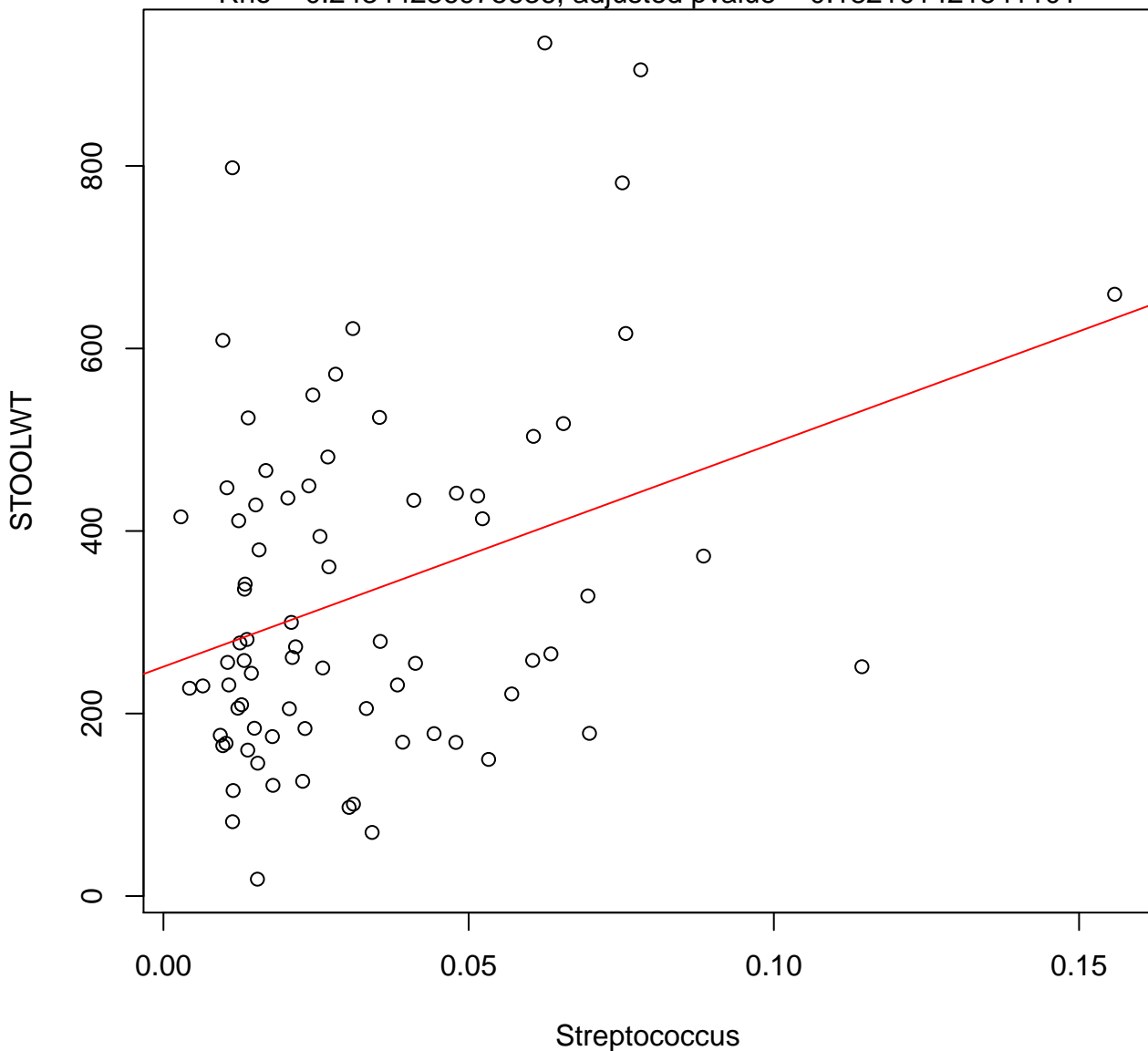
# Timepoint 1 , STOOLWT ~ Lactobacillales

Rho = 0.230289163959267, adjusted pvalue = 0.20235178651841



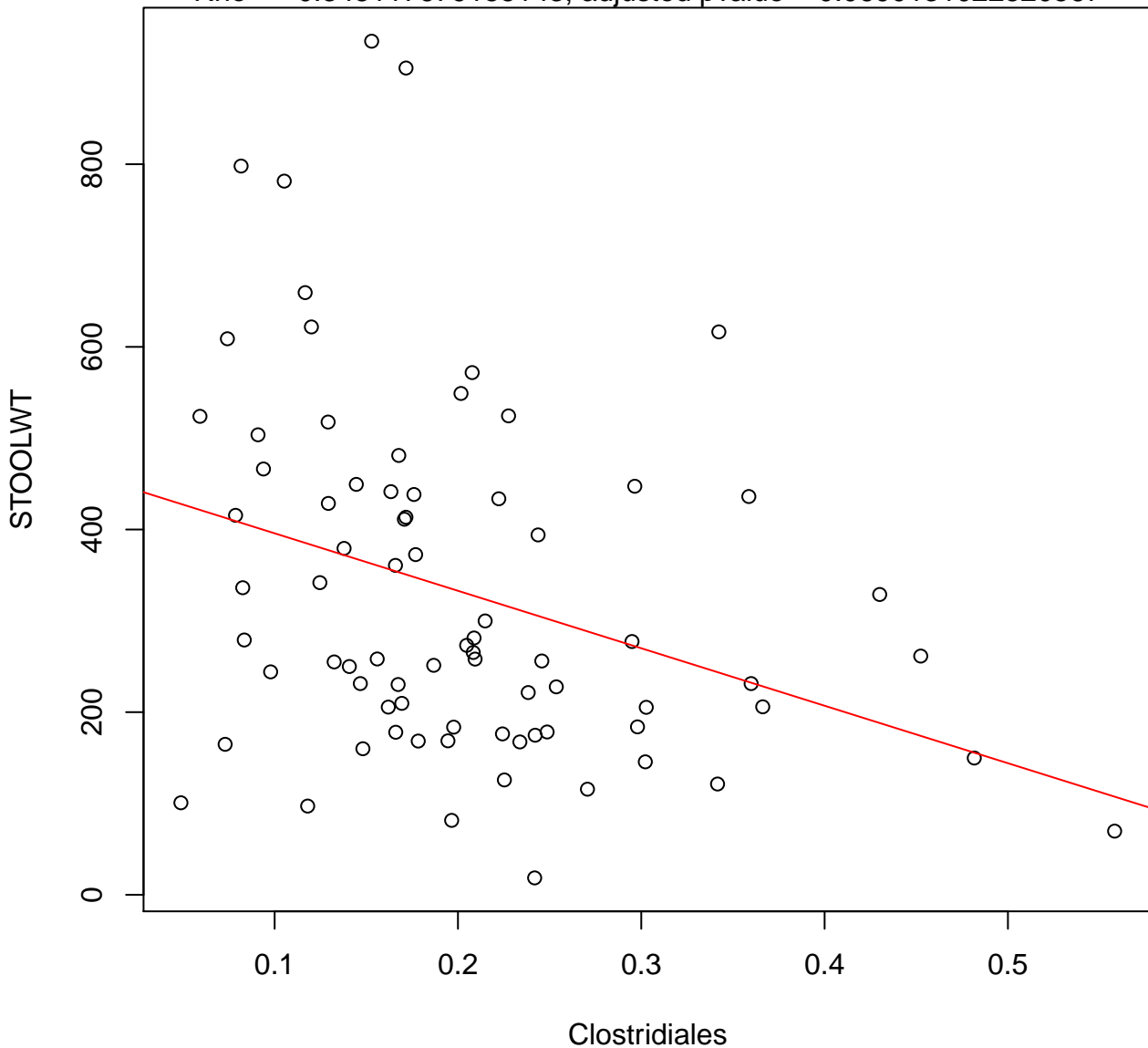
# Timepoint 1 , STOOLWT ~ Streptococcus

Rho = 0.24344236975636, adjusted pvalue = 0.182101421541101



# Timepoint 1 , STOOLWT ~ Clostridiales

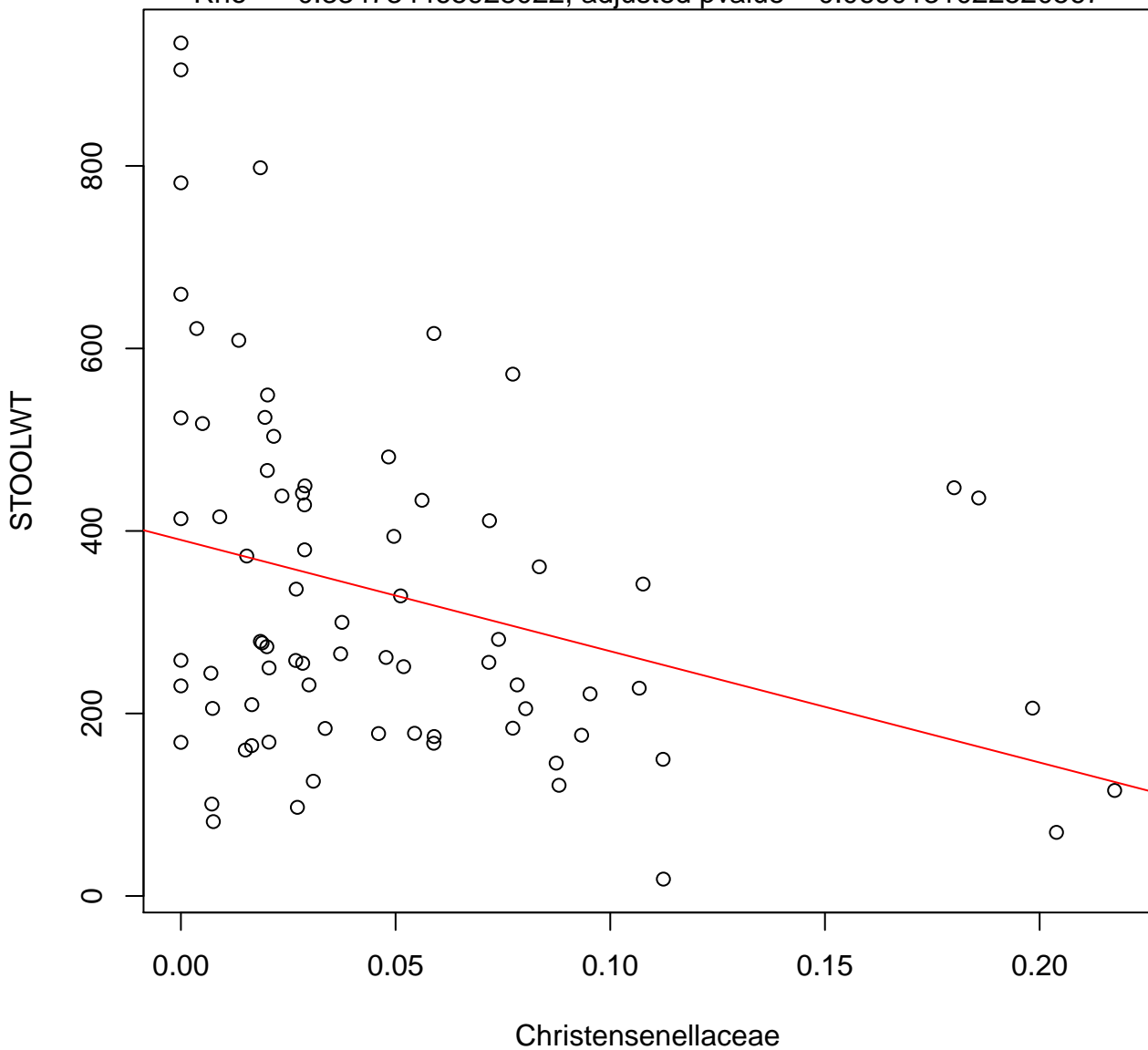
Rho =  $-0.345117679155143$ , adjusted pvalue =  $0.0690131022520567$





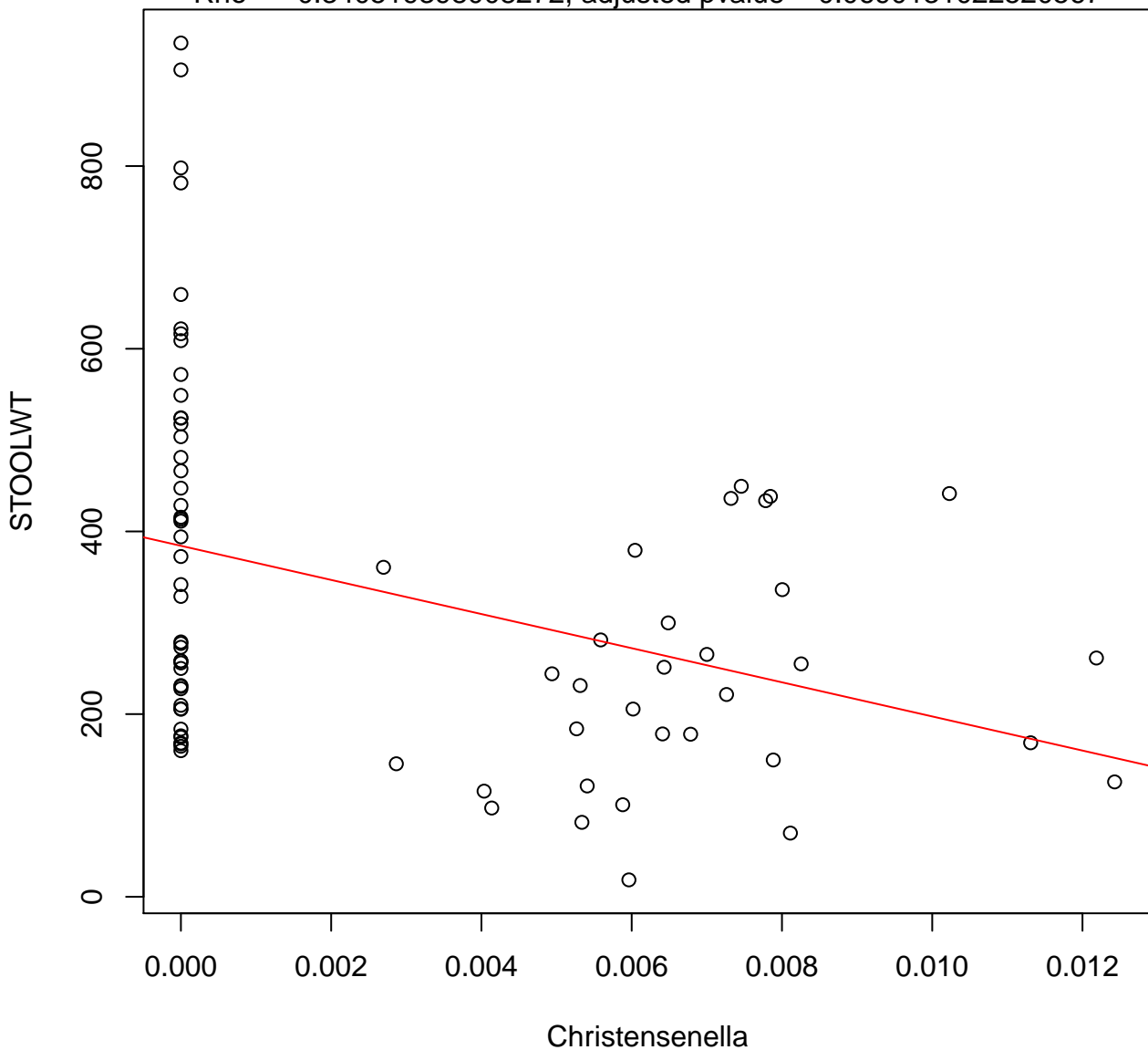
# Timepoint 1 , ST00LWT ~ Christensenellaceae

Rho = -0.334734465928022, adjusted pvalue = 0.0690131022520567



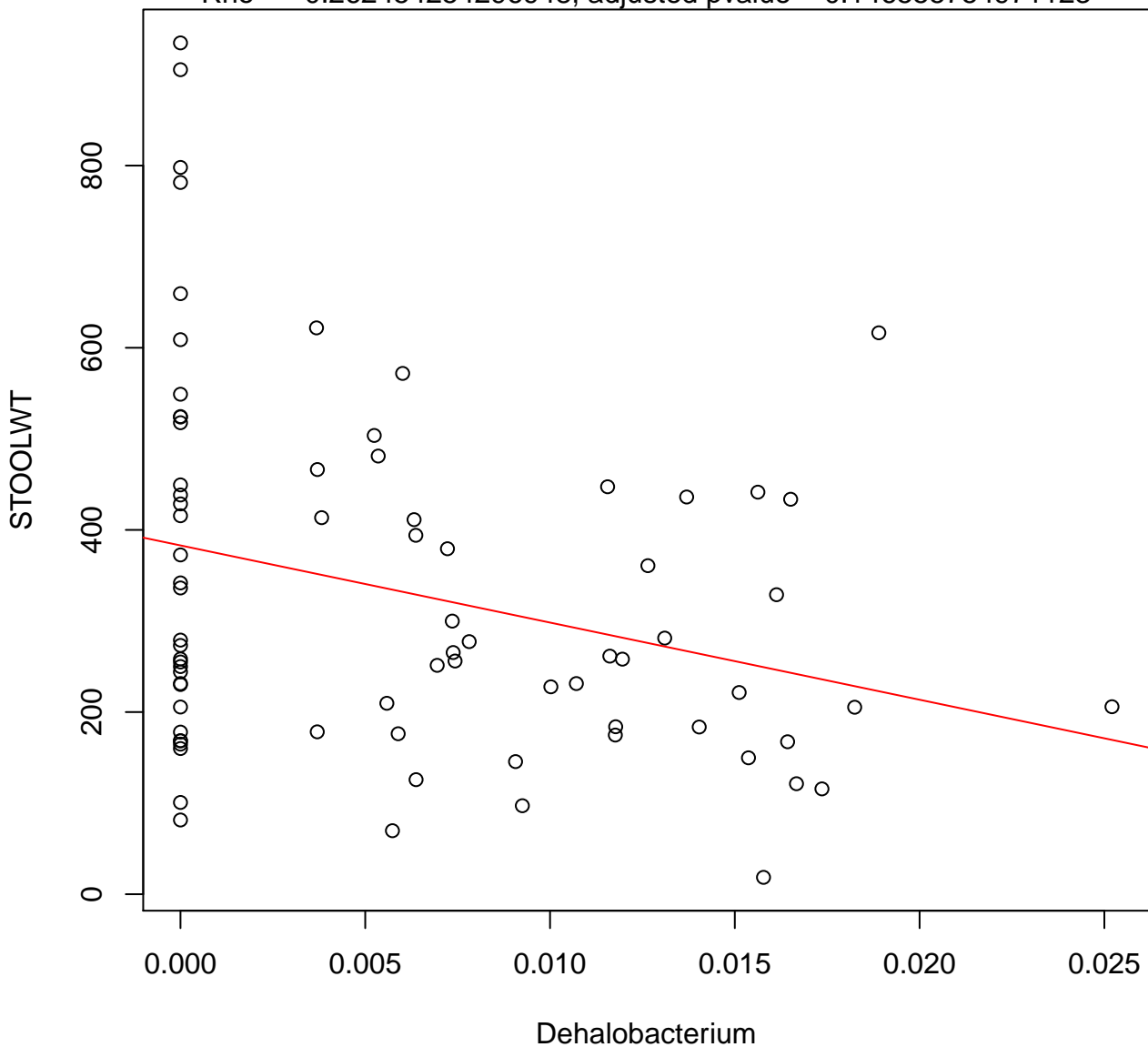
# Timepoint 1 , STOOLWT ~ Christensenella

Rho =  $-0.340519398008272$ , adjusted pvalue =  $0.0690131022520567$



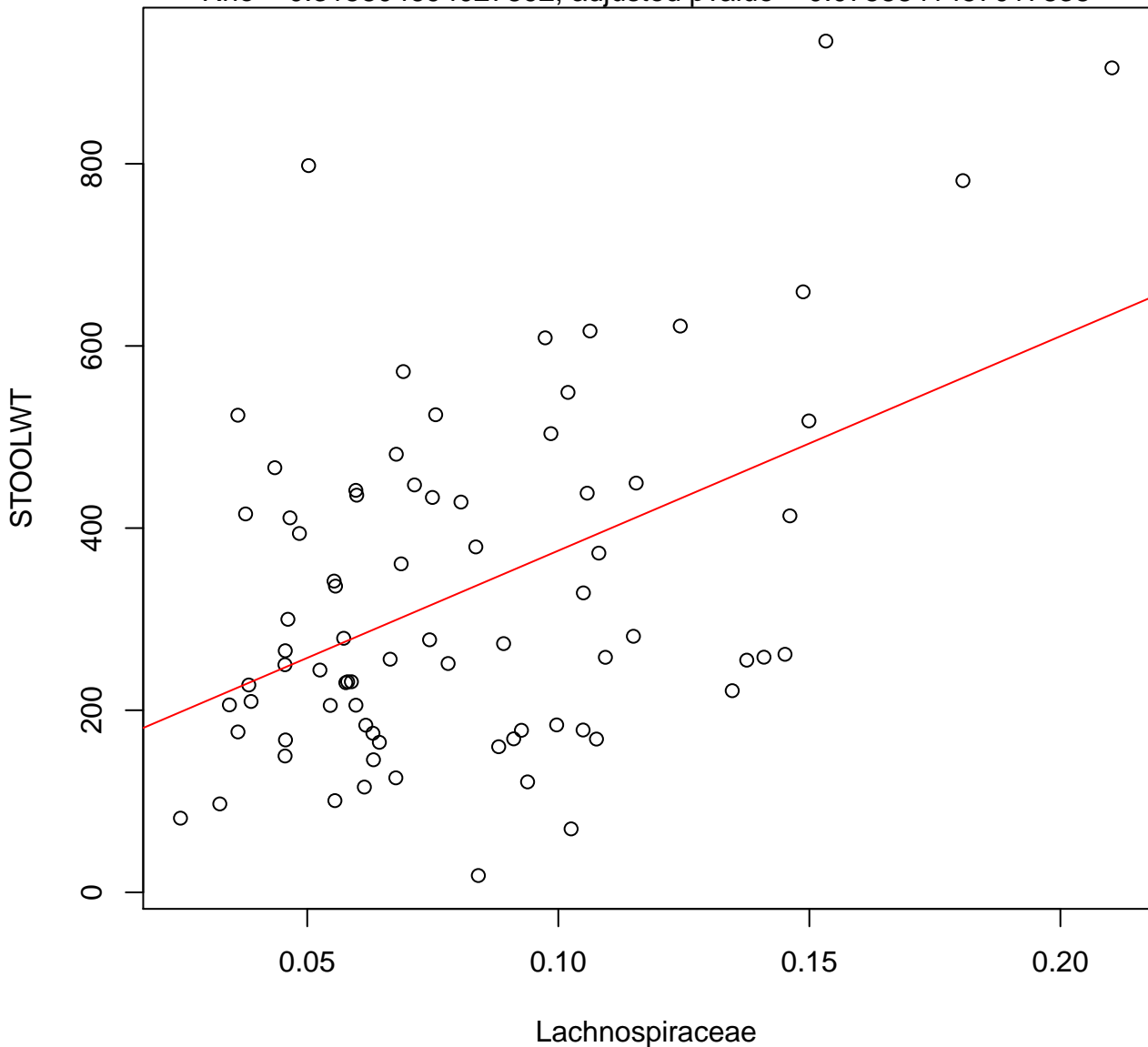
# Timepoint 1 , ST00LWT ~ Dehalobacterium

Rho = -0.262454254296948, adjusted pvalue = 0.146555754971123



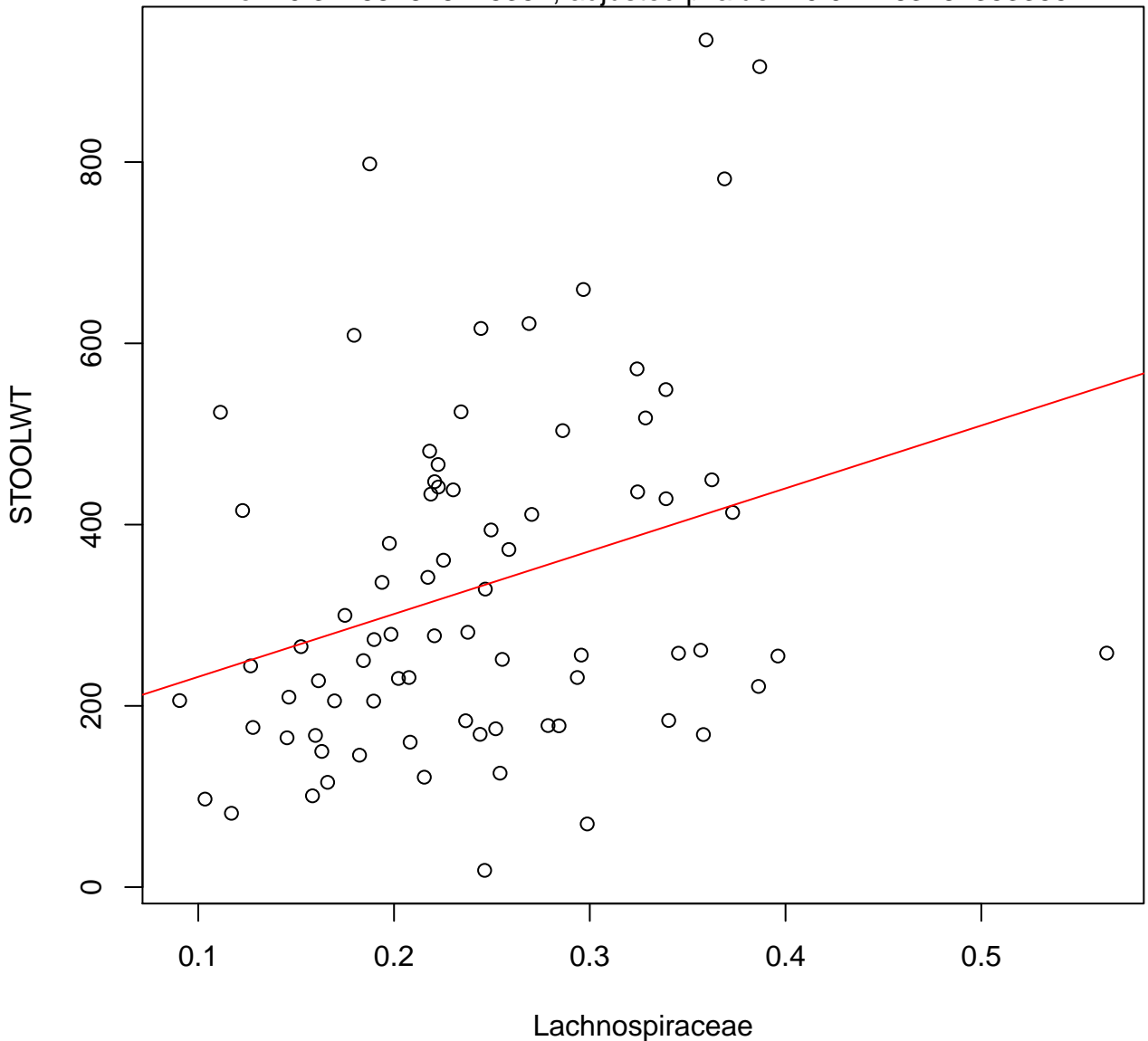
# Timepoint 1 , STOLWT ~ Lachnospiraceae

Rho = 0.315804694027892, adjusted pvalue = 0.0758841457017838



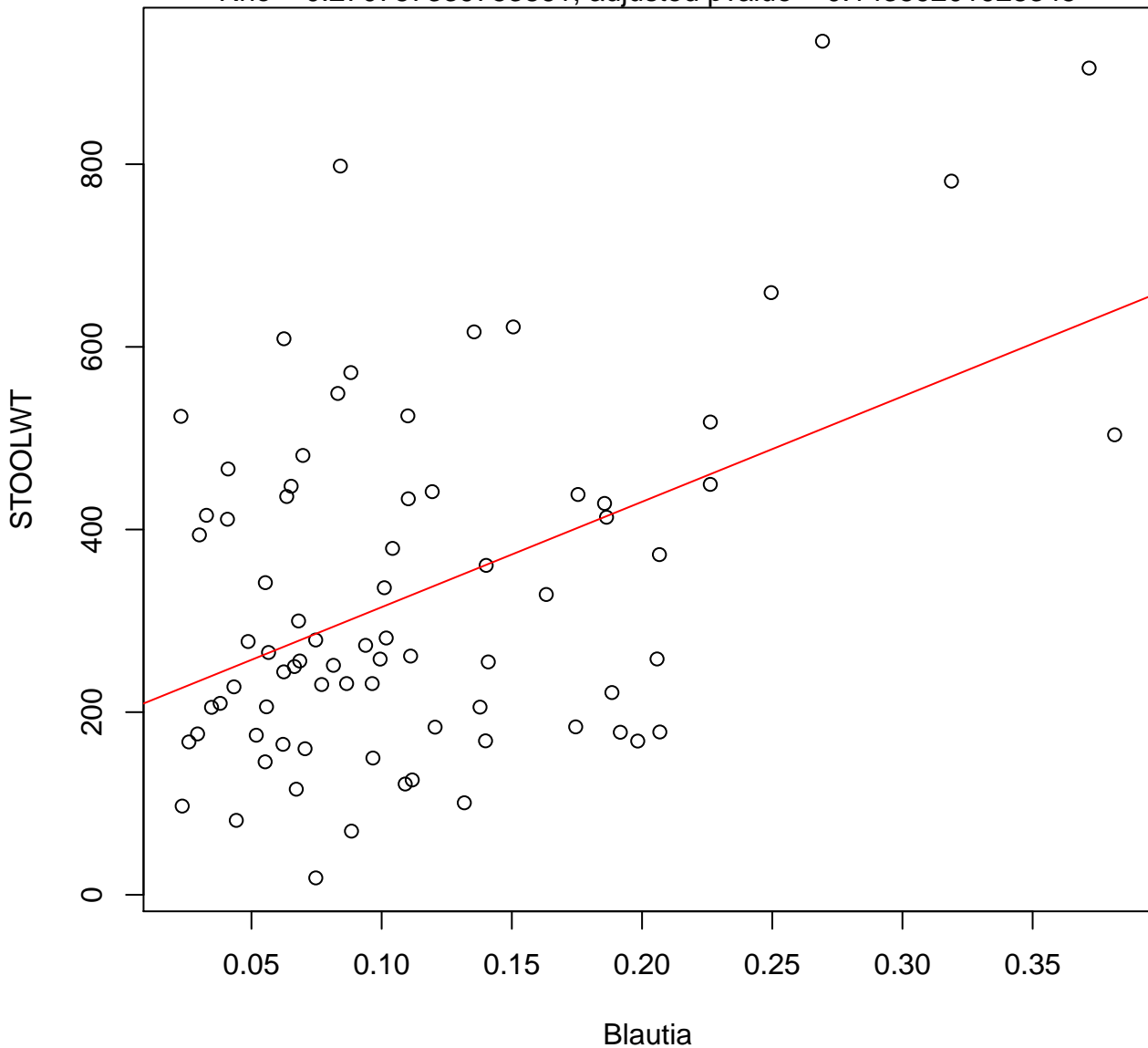
# Timepoint 1 , ST00LWT ~ Lachnospiraceae

Rho = 0.327687626115352, adjusted pvalue = 0.0712634613533557



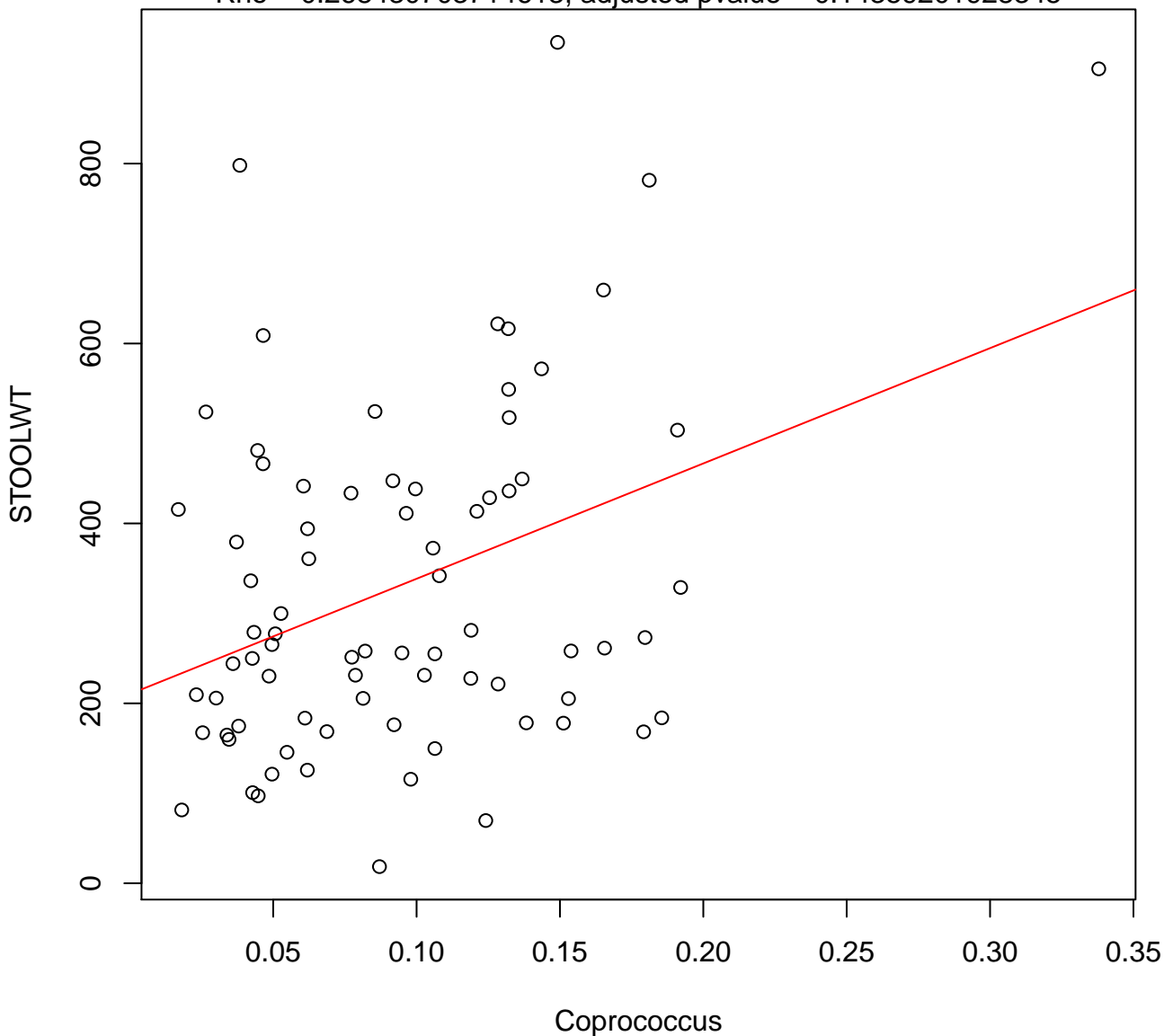
# Timepoint 1 , STOLWT ~ Blautia

Rho = 0.270757339753861, adjusted pvalue = 0.14359201928345



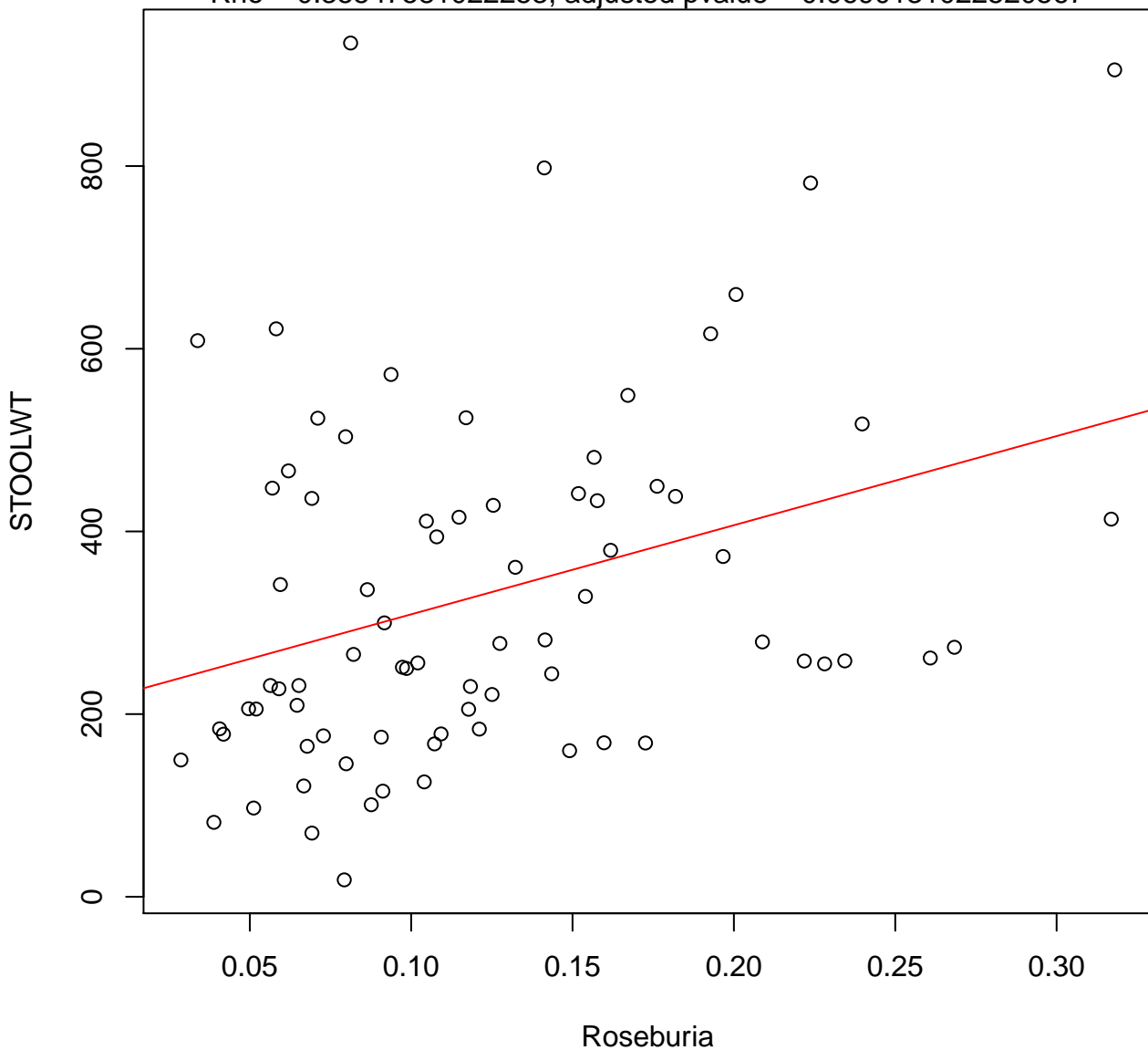
# Timepoint 1 , ST00LWT ~ Coprococcus

Rho = 0.268430703714613, adjusted pvalue = 0.14359201928345



# Timepoint 1 , STOLWT ~ Roseburia

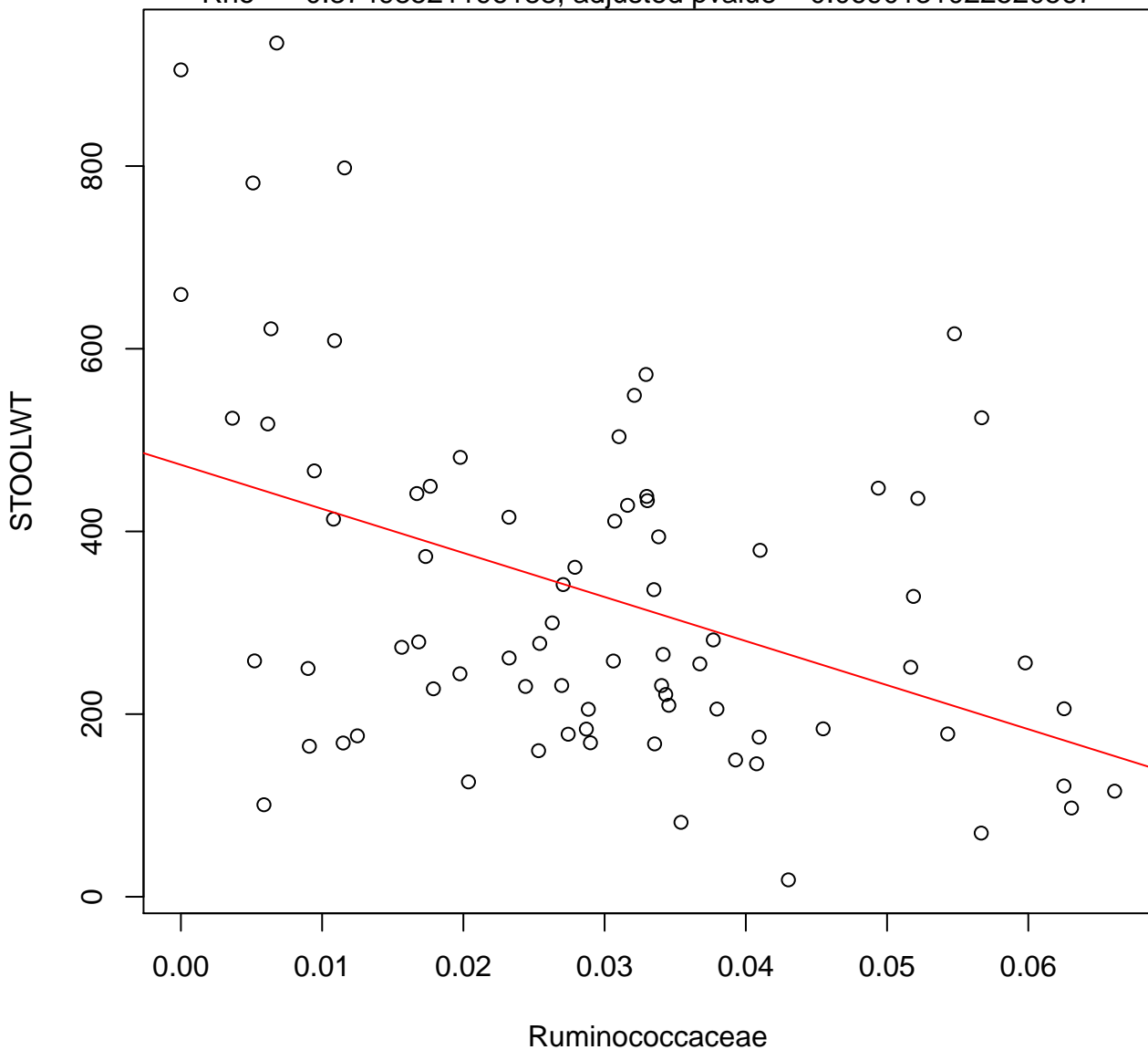
Rho = 0.35547581022253, adjusted pvalue = 0.0690131022520567





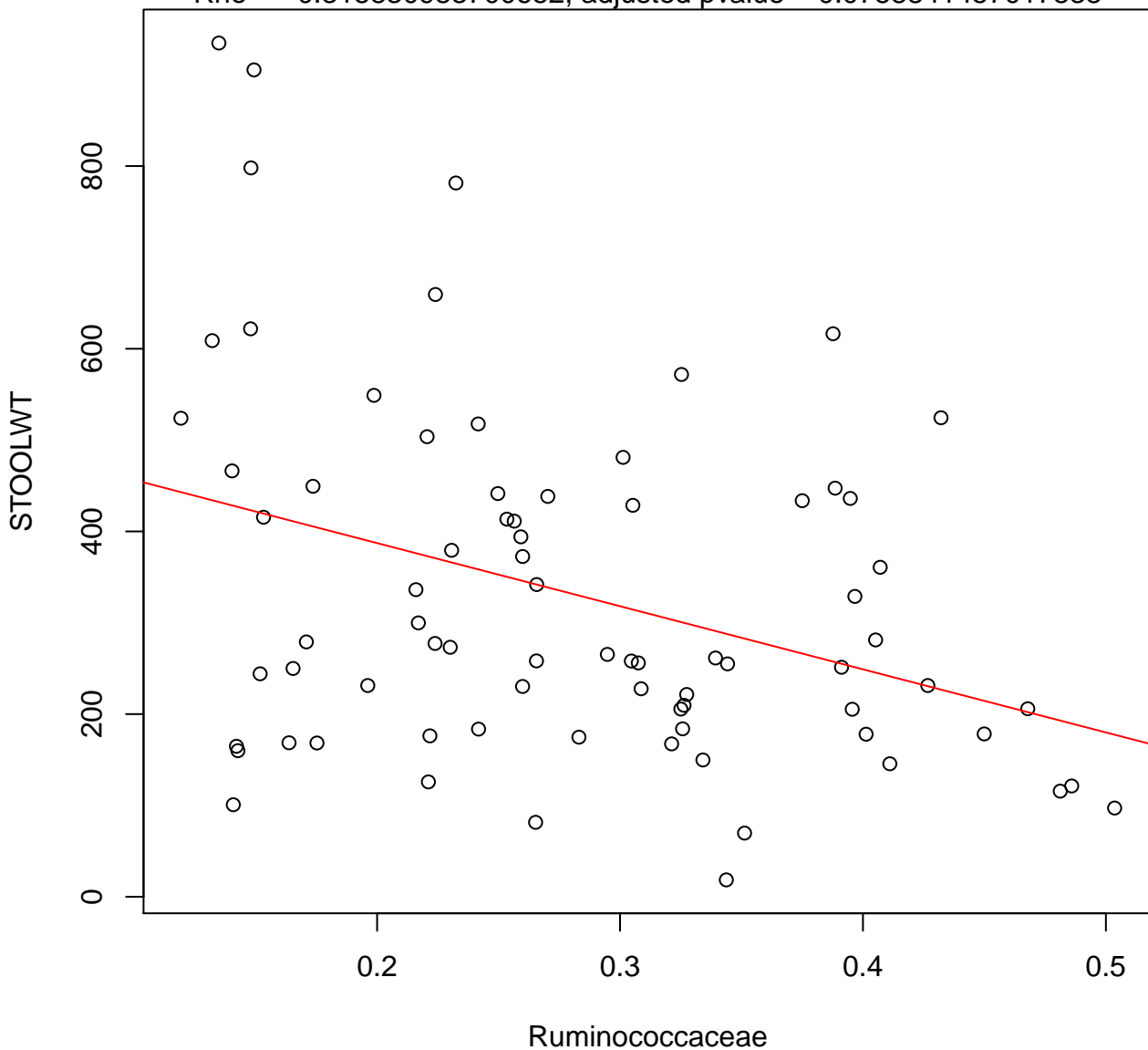
# Timepoint 1 , ST00LWT ~ Ruminococcaceae

Rho = -0.37498521196188, adjusted pvalue = 0.0690131022520567



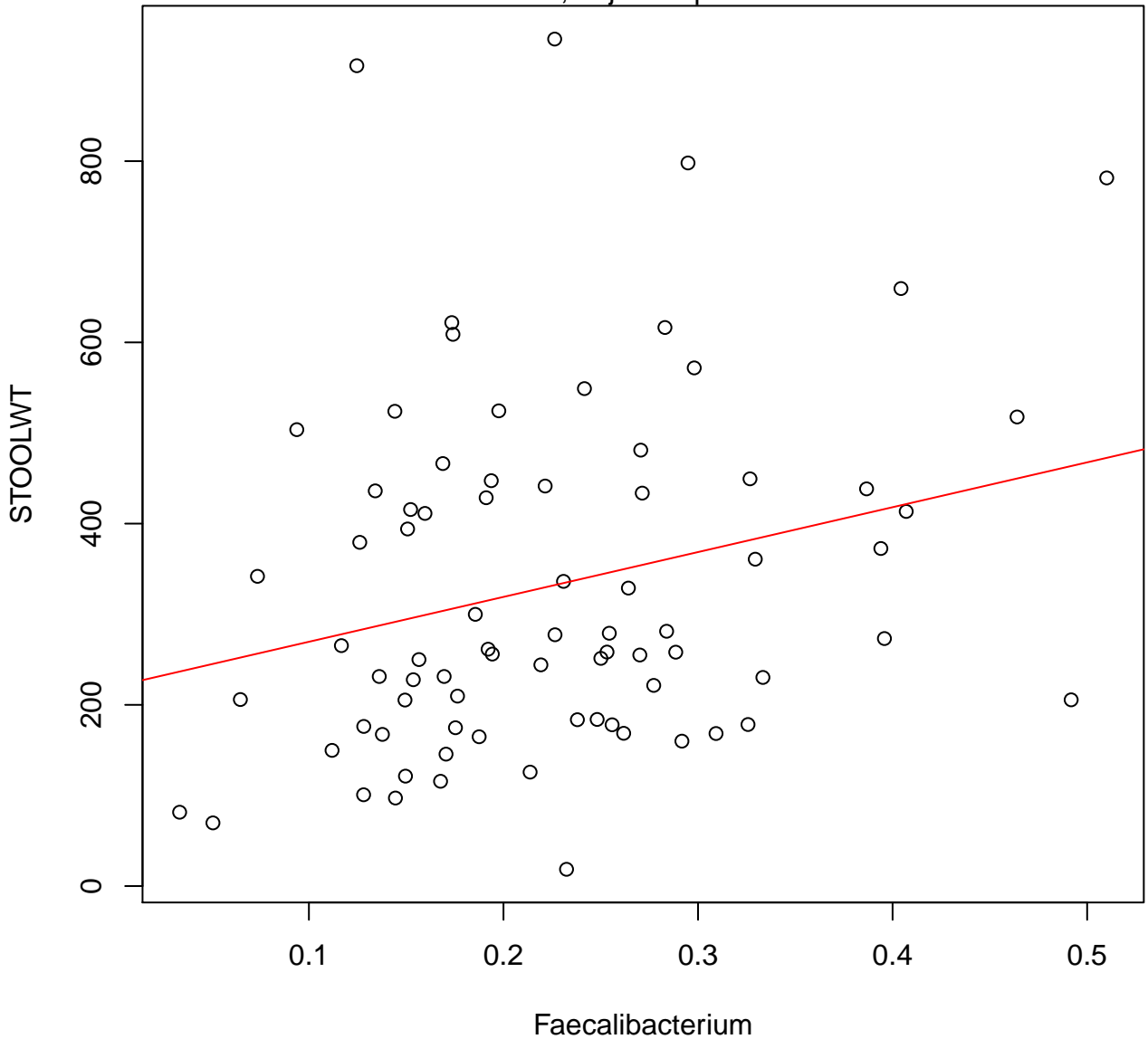
# Timepoint 1 , ST00LWT ~ Ruminococcaceae

Rho = -0.315830983700652, adjusted pvalue = 0.0758841457017838



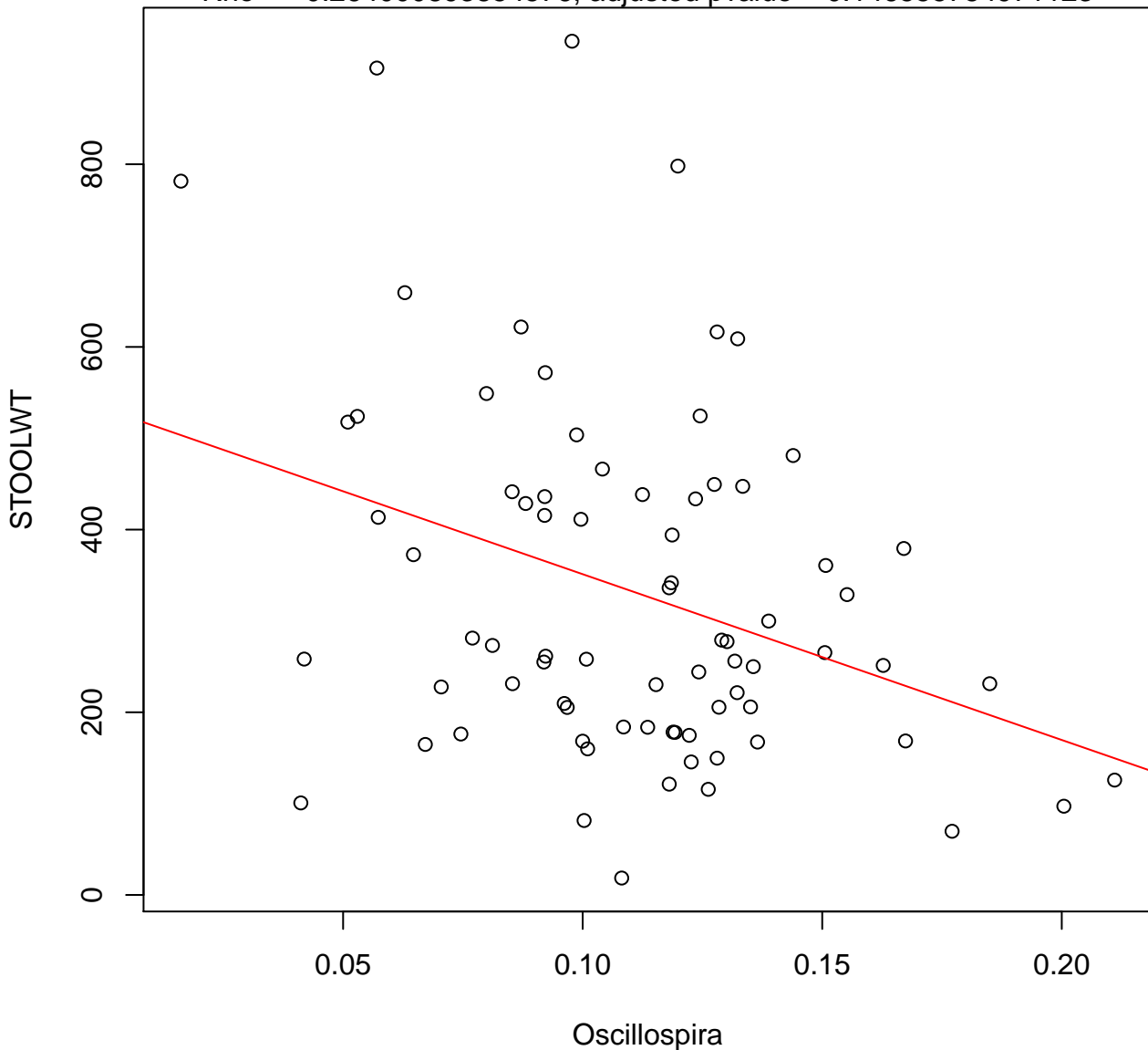
# Timepoint 1 , STOLWT ~ Faecalibacterium

Rho = 0.254549756497404, adjusted pvalue = 0.167025887726364



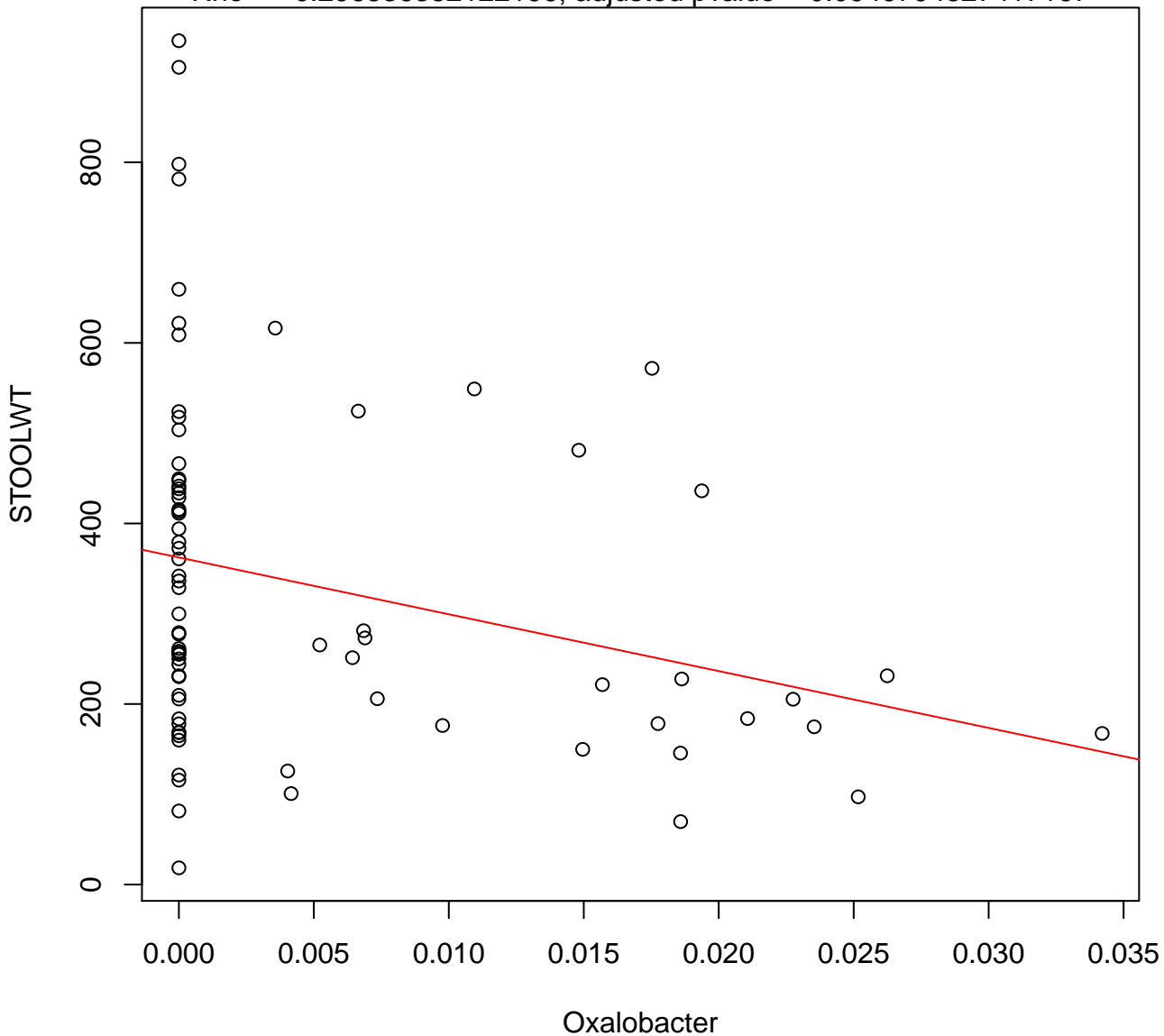
# Timepoint 1 , STOOLWT ~ Oscillospira

Rho =  $-0.264000893854576$ , adjusted pvalue =  $0.146555754971123$



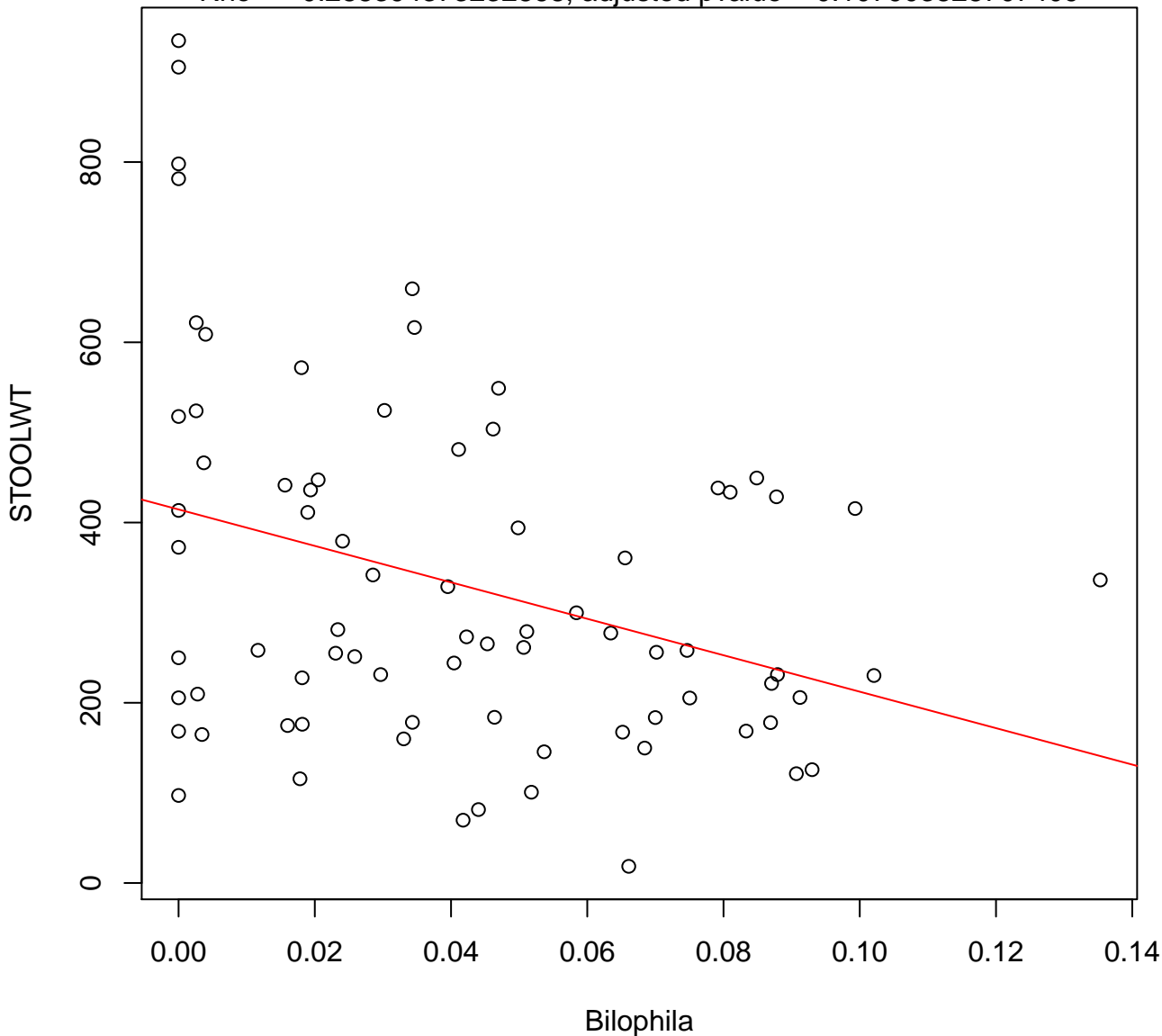
# Timepoint 1 , STOOLWT ~ Oxalobacter

Rho =  $-0.296536382122196$ , adjusted pvalue =  $0.0946794827417167$



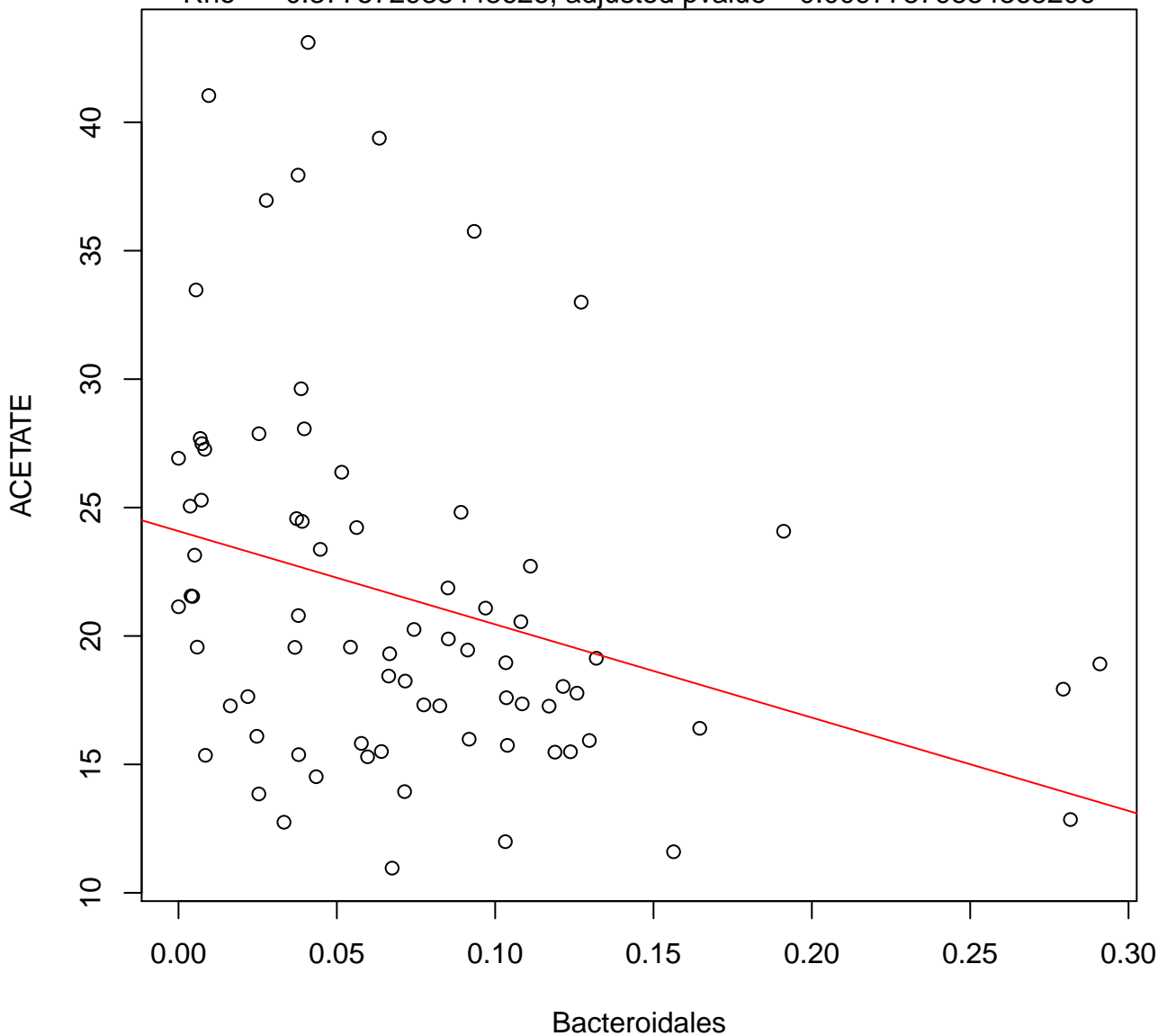
# Timepoint 1 , STOOLWT ~ Bilophila

Rho =  $-0.288394373232868$ , adjusted pvalue =  $0.107903828707409$



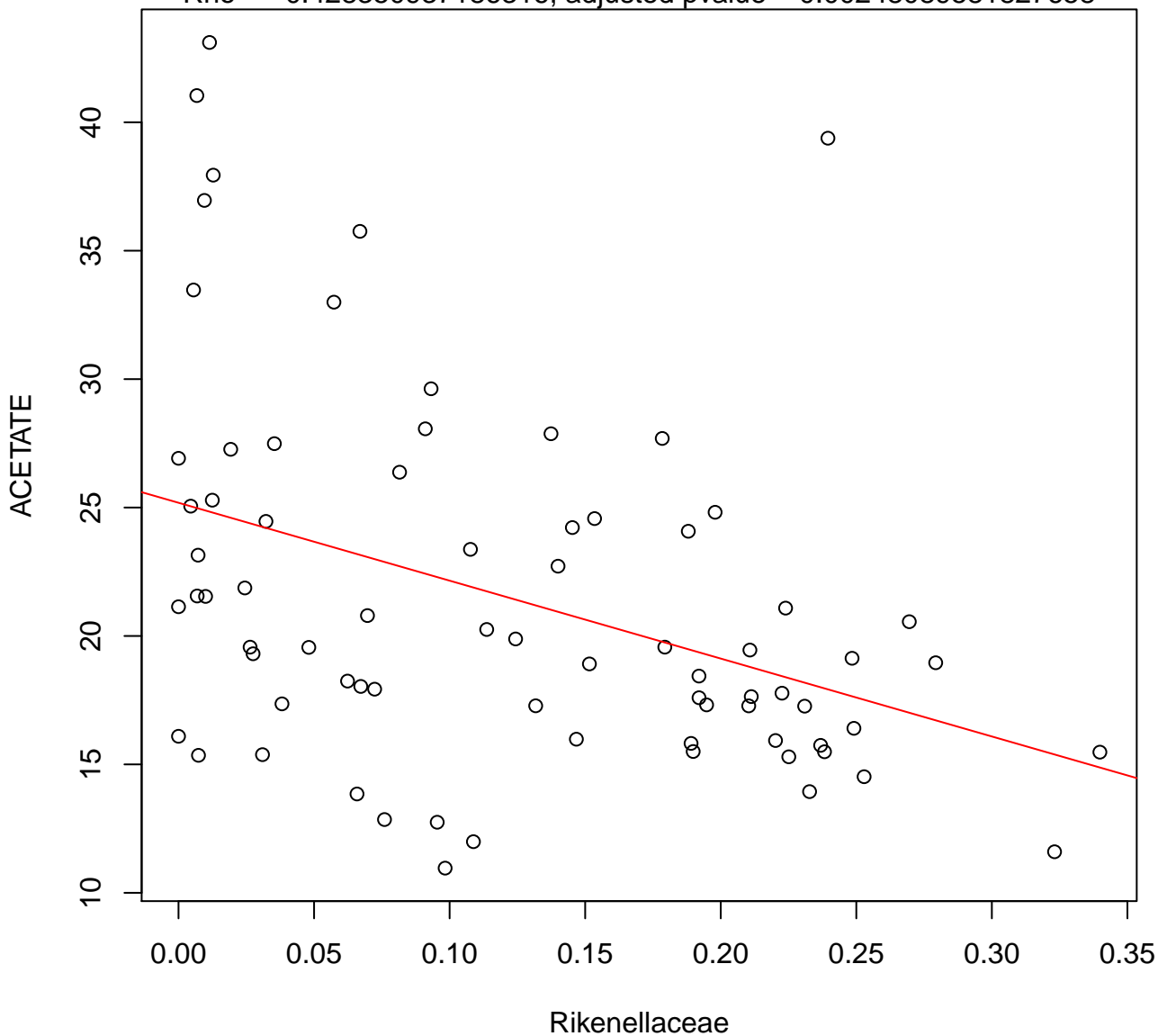
# Timepoint 1 , ACETATE ~ Bacteroidales

Rho = -0.377572938448626, adjusted pvalue = 0.00977879554365206



# Timepoint 1 , ACETATE ~ Rikenellaceae

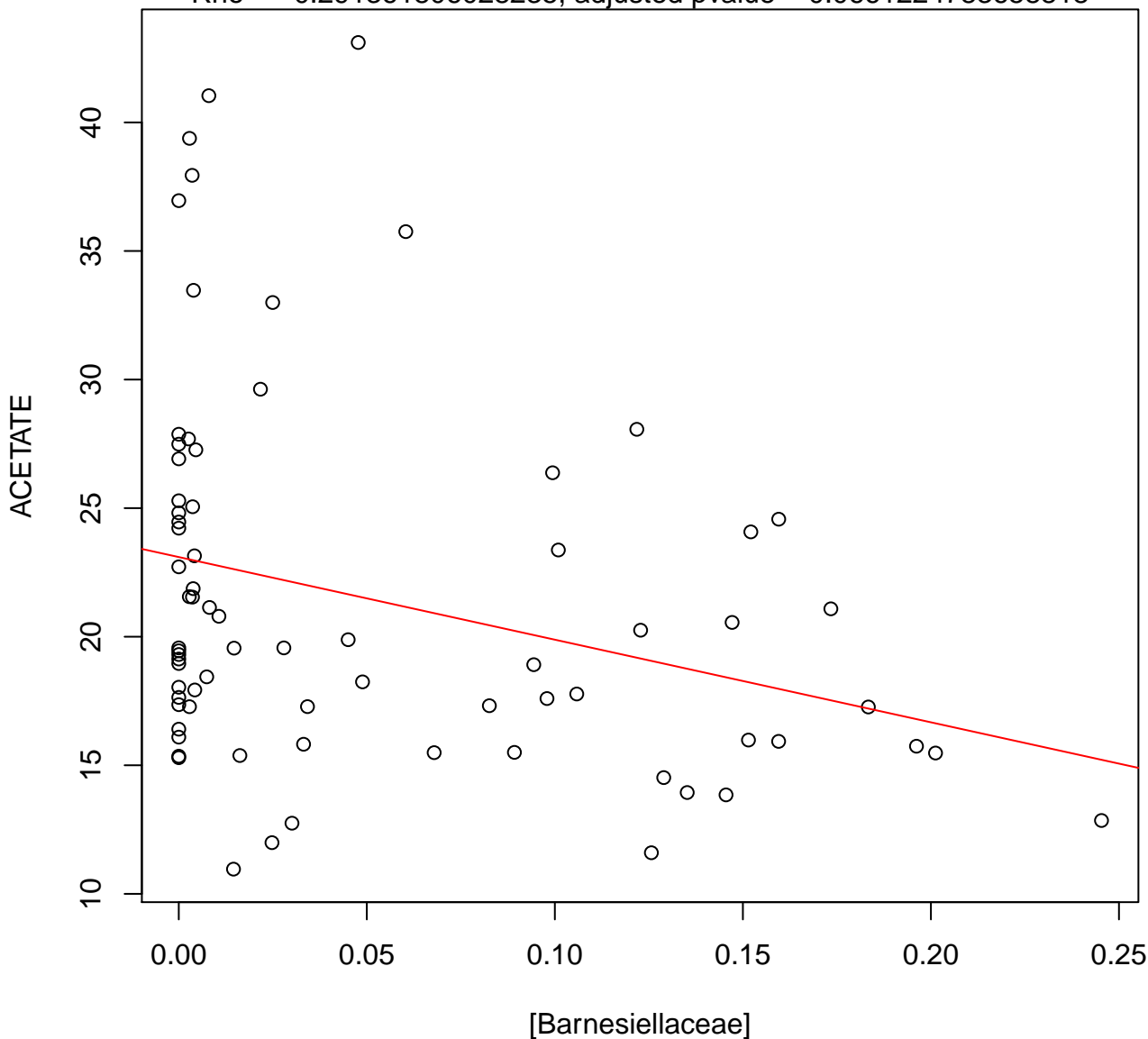
Rho =  $-0.428350937186316$ , adjusted pvalue =  $0.00248089581827658$





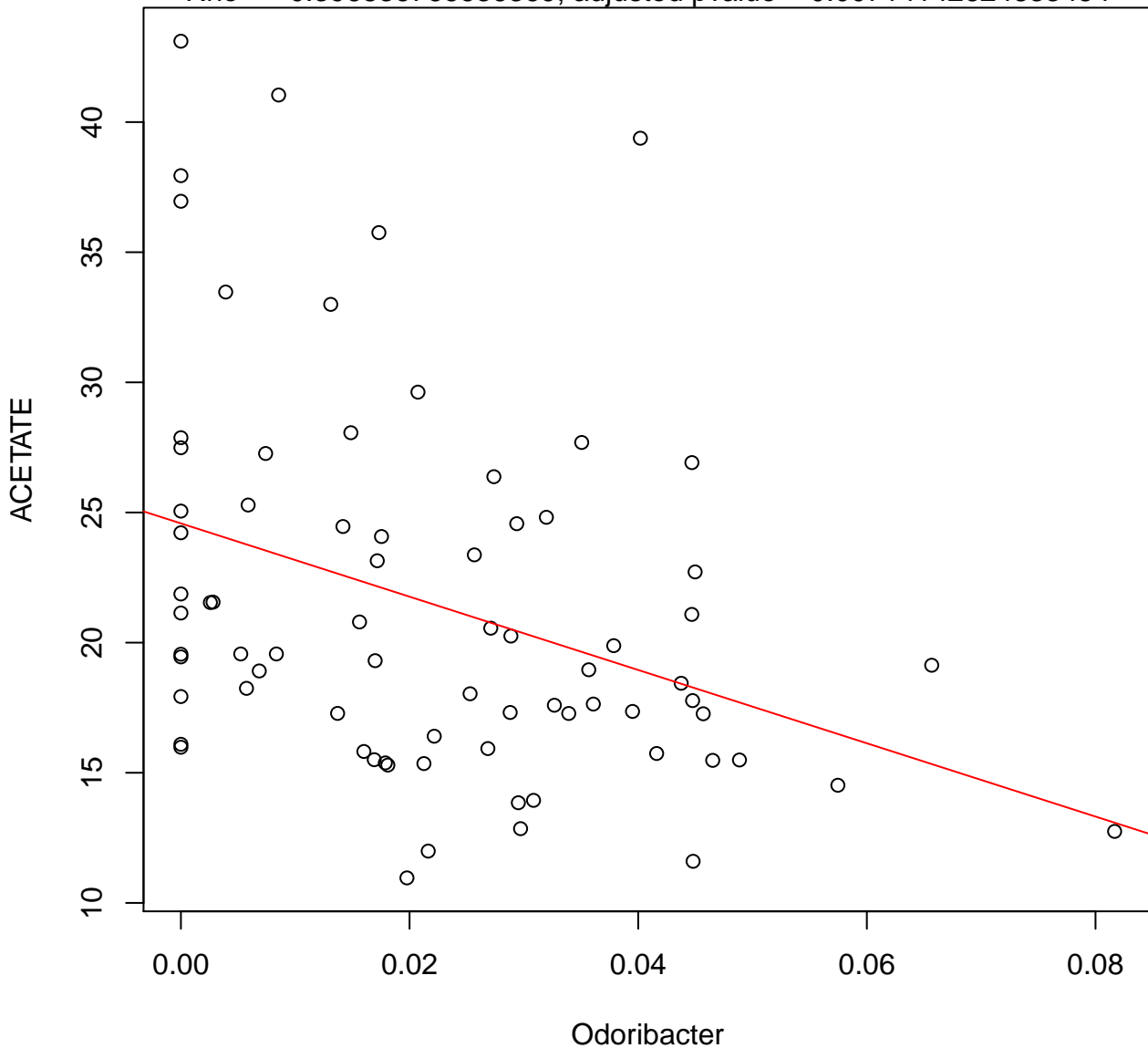
# Timepoint 1 , ACETATE ~ [Barnesiellaceae]

Rho = -0.291361806028235, adjusted pvalue = 0.0661224783658818



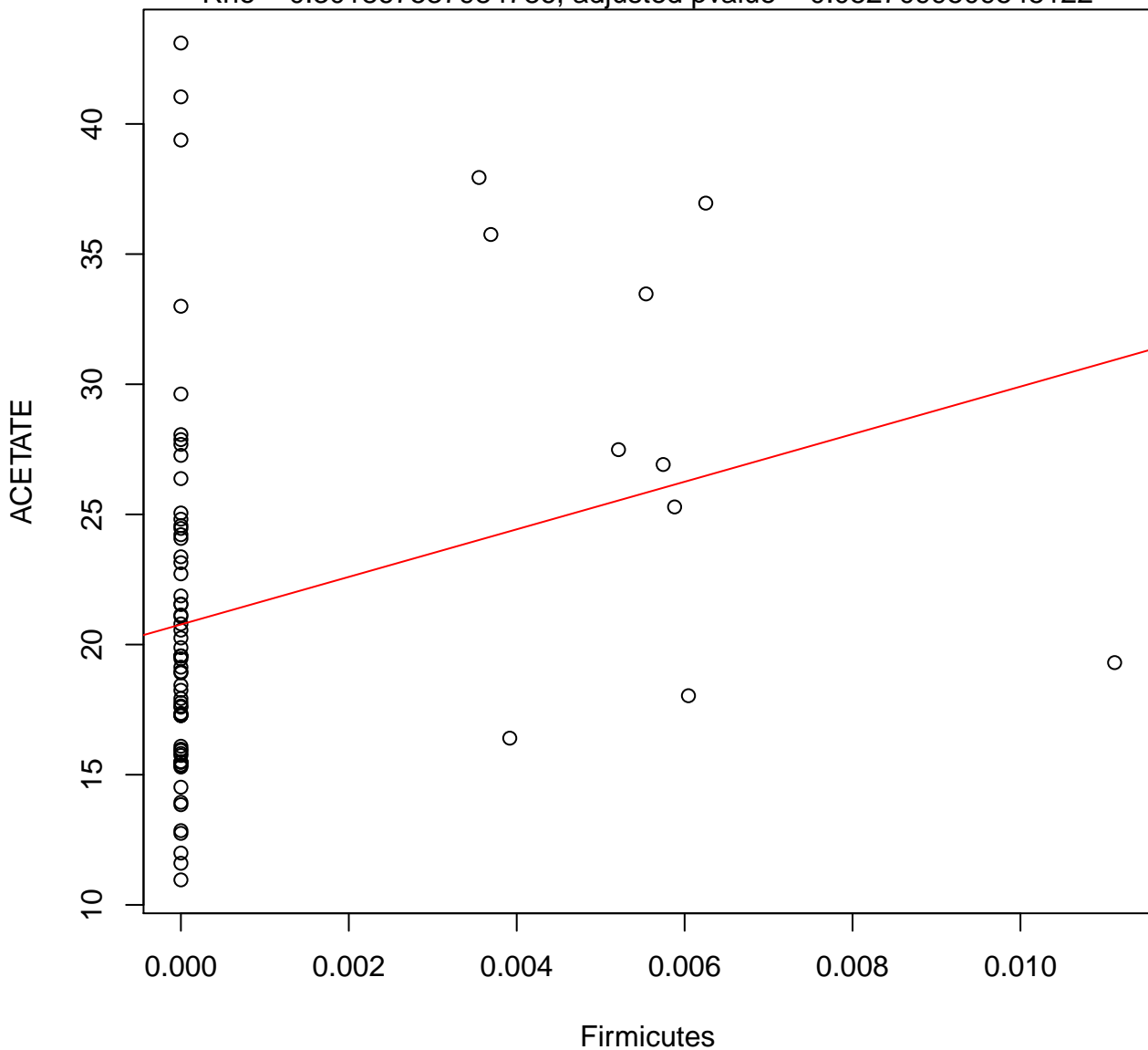
# Timepoint 1 , ACETATE ~ Odoribacter

Rho =  $-0.396836766636369$ , adjusted pvalue =  $0.00714142624833454$



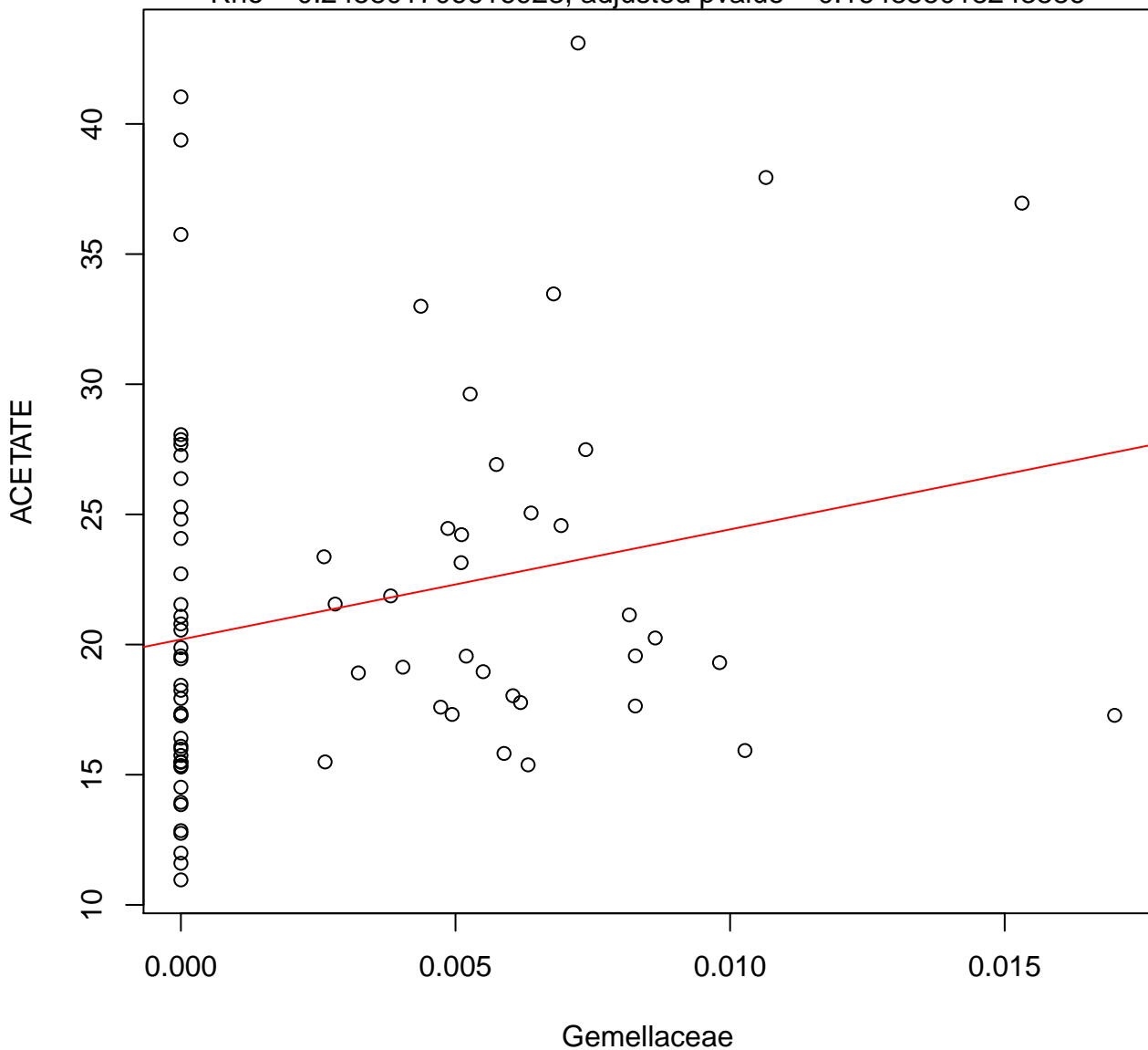
# Timepoint 1 , ACETATE ~ Firmicutes

Rho = 0.301867537984786, adjusted pvalue = 0.0527099509545122



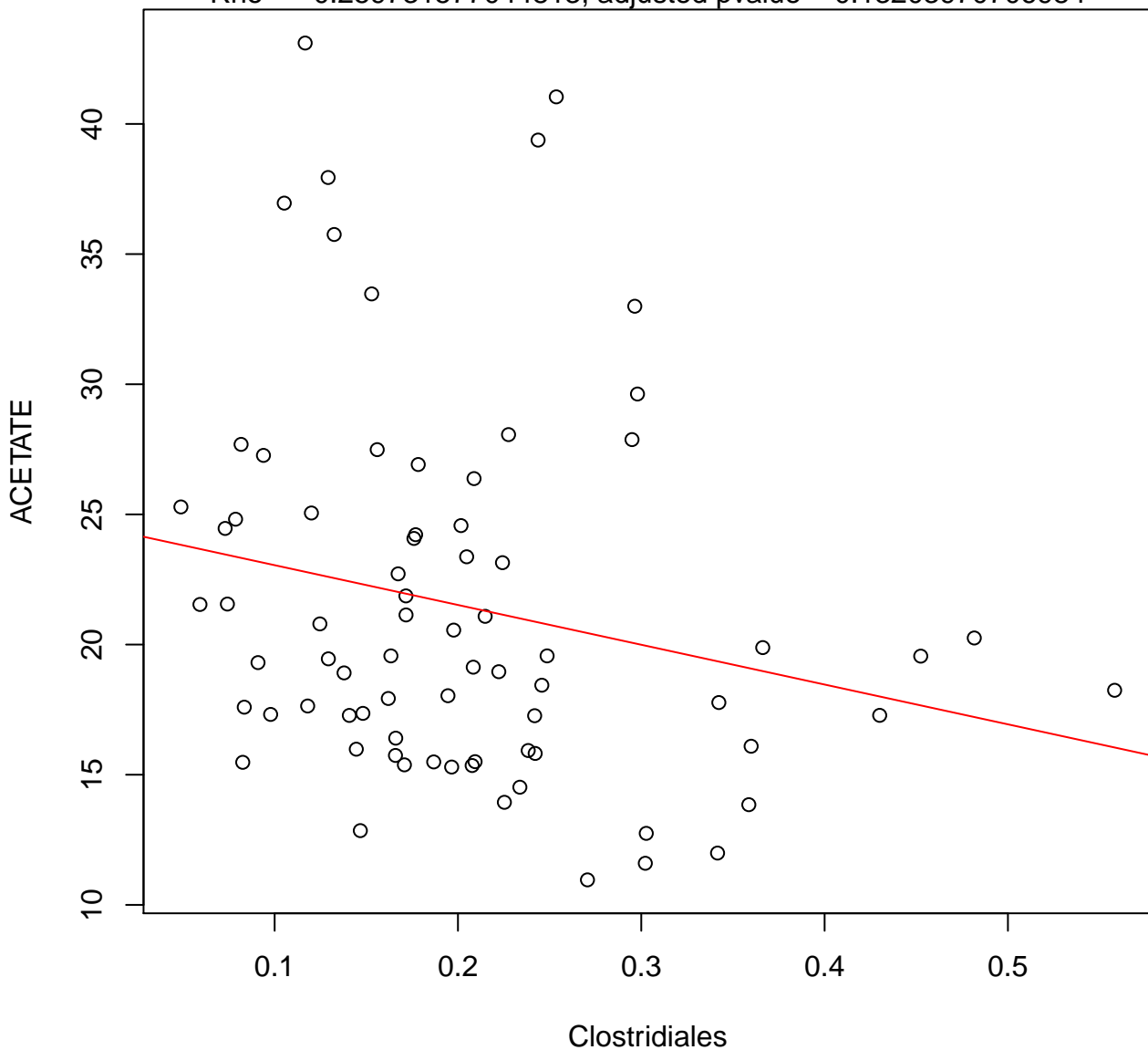
# Timepoint 1 , ACETATE ~ Gemellaceae

Rho = 0.245801706616923, adjusted pvalue = 0.164855018243886



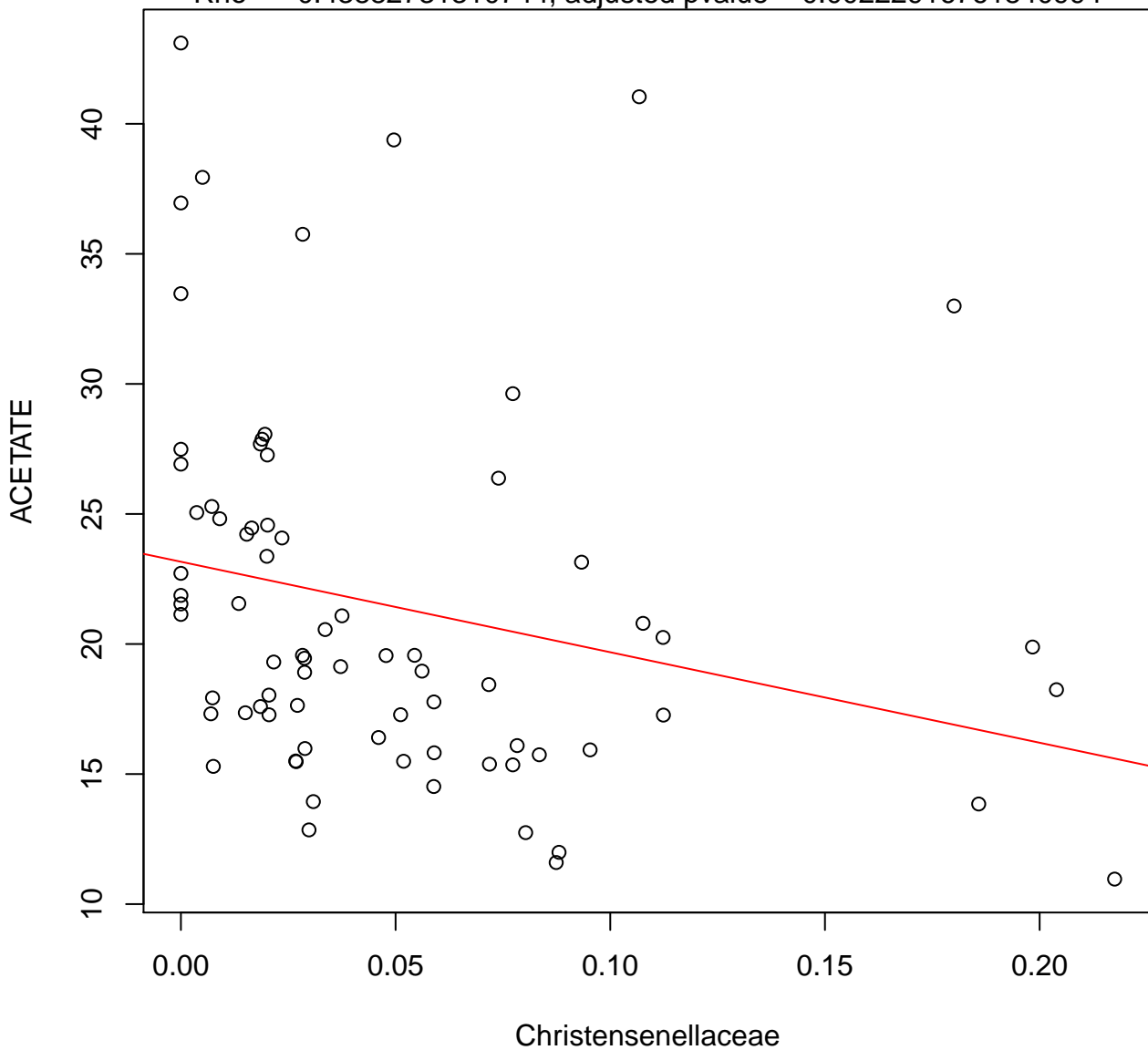
# Timepoint 1 , ACETATE ~ Clostridiales

Rho =  $-0.259731577044813$ , adjusted pvalue =  $0.13203970706984$



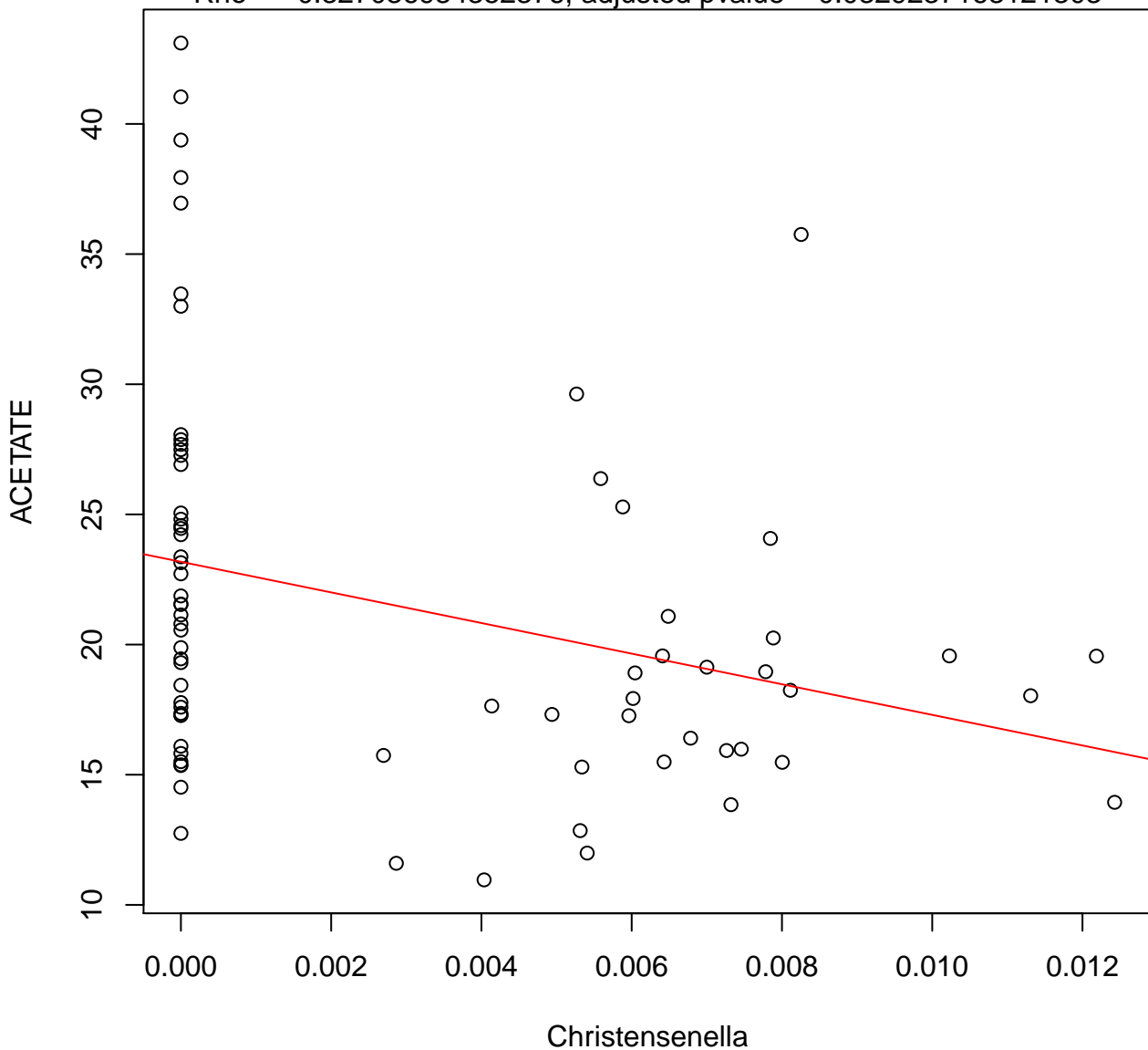
# Timepoint 1 , ACETATE ~ Christensenellaceae

Rho =  $-0.43882731310744$ , adjusted pvalue =  $0.00222916761840994$



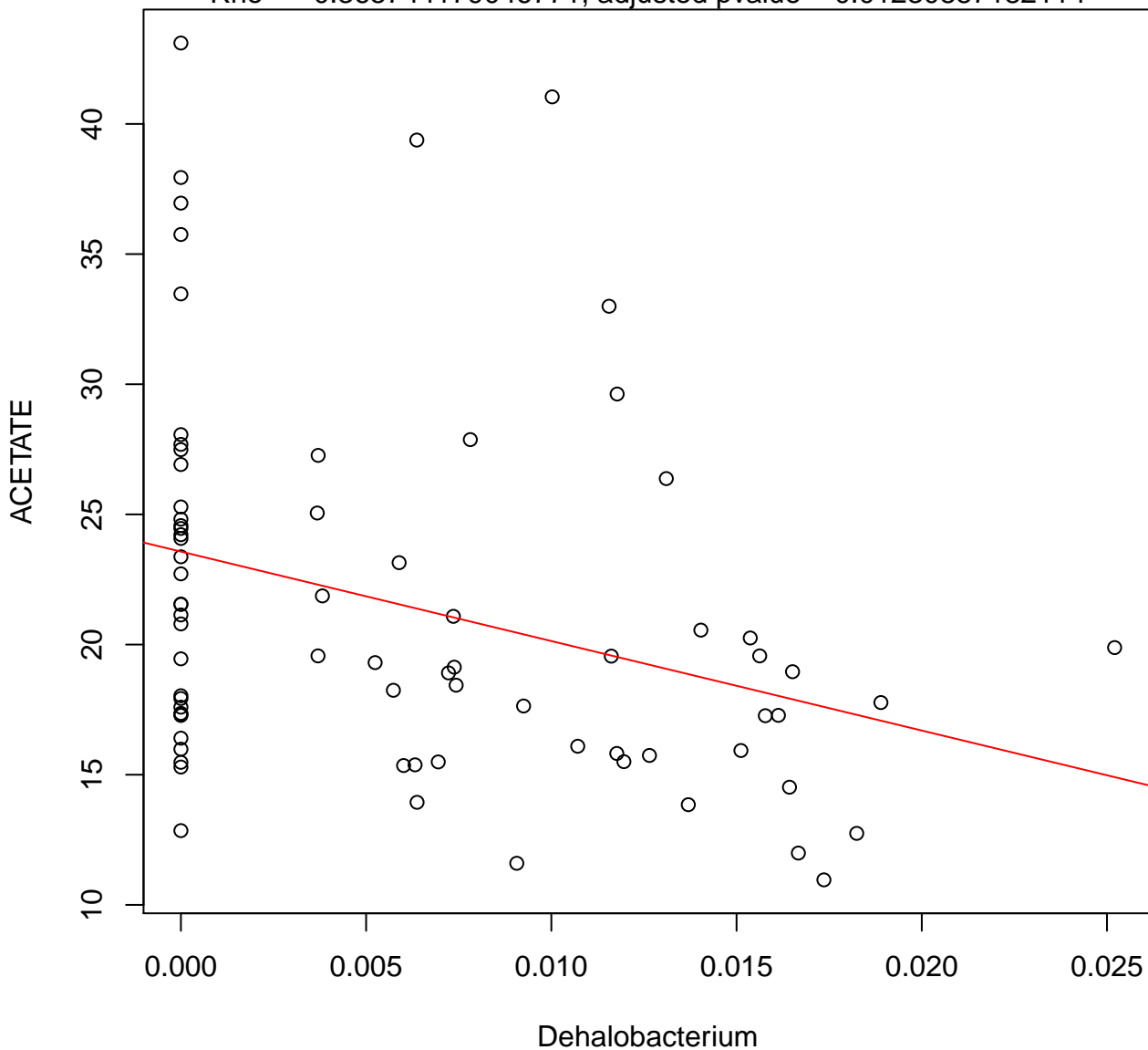
# Timepoint 1 , ACETATE ~ Christensenella

Rho =  $-0.327036934352376$ , adjusted pvalue =  $0.0329237163121303$



# Timepoint 1 , ACETATE ~ Dehalobacterium

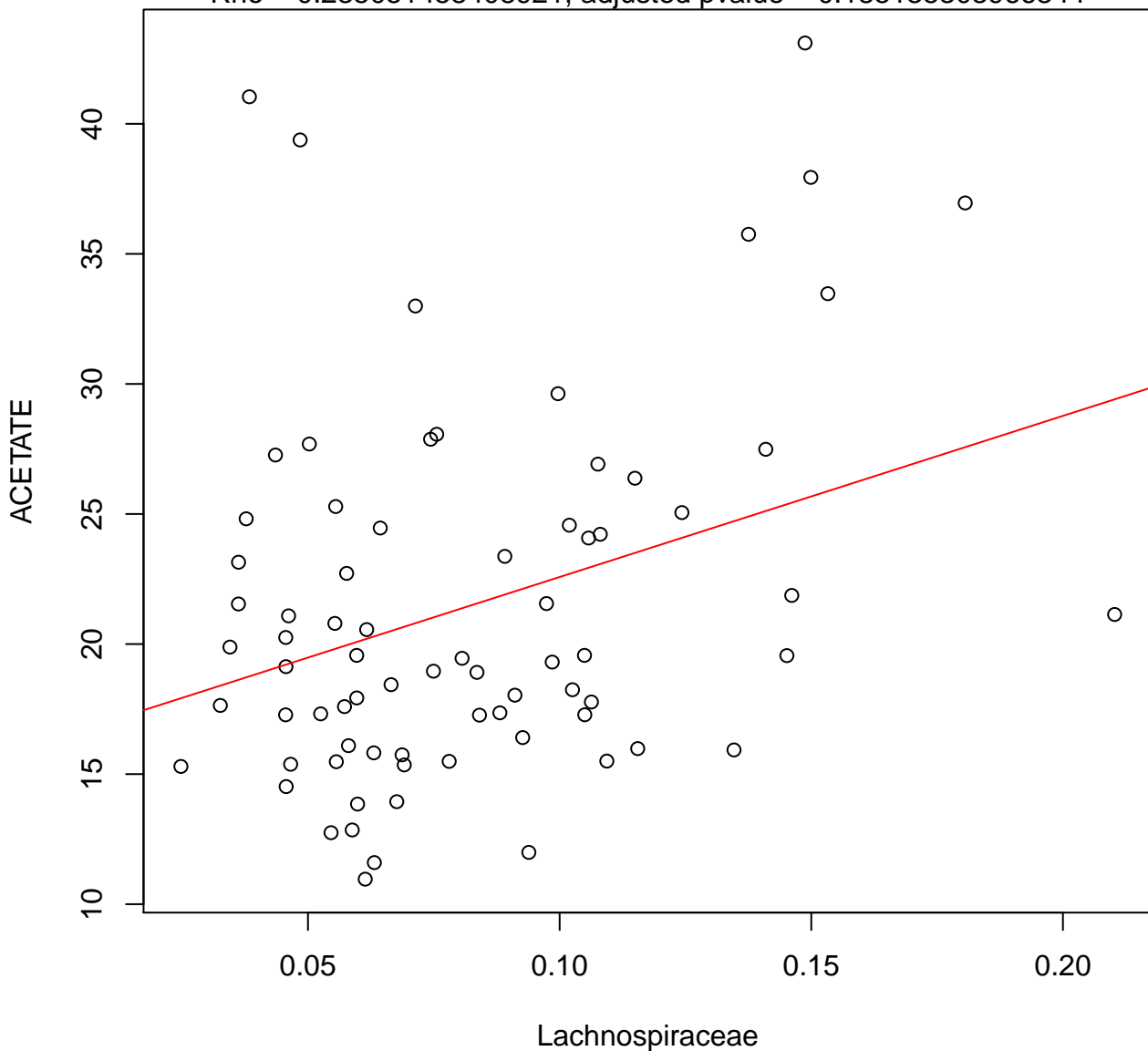
Rho =  $-0.365744179046771$ , adjusted pvalue =  $0.01230887182114$





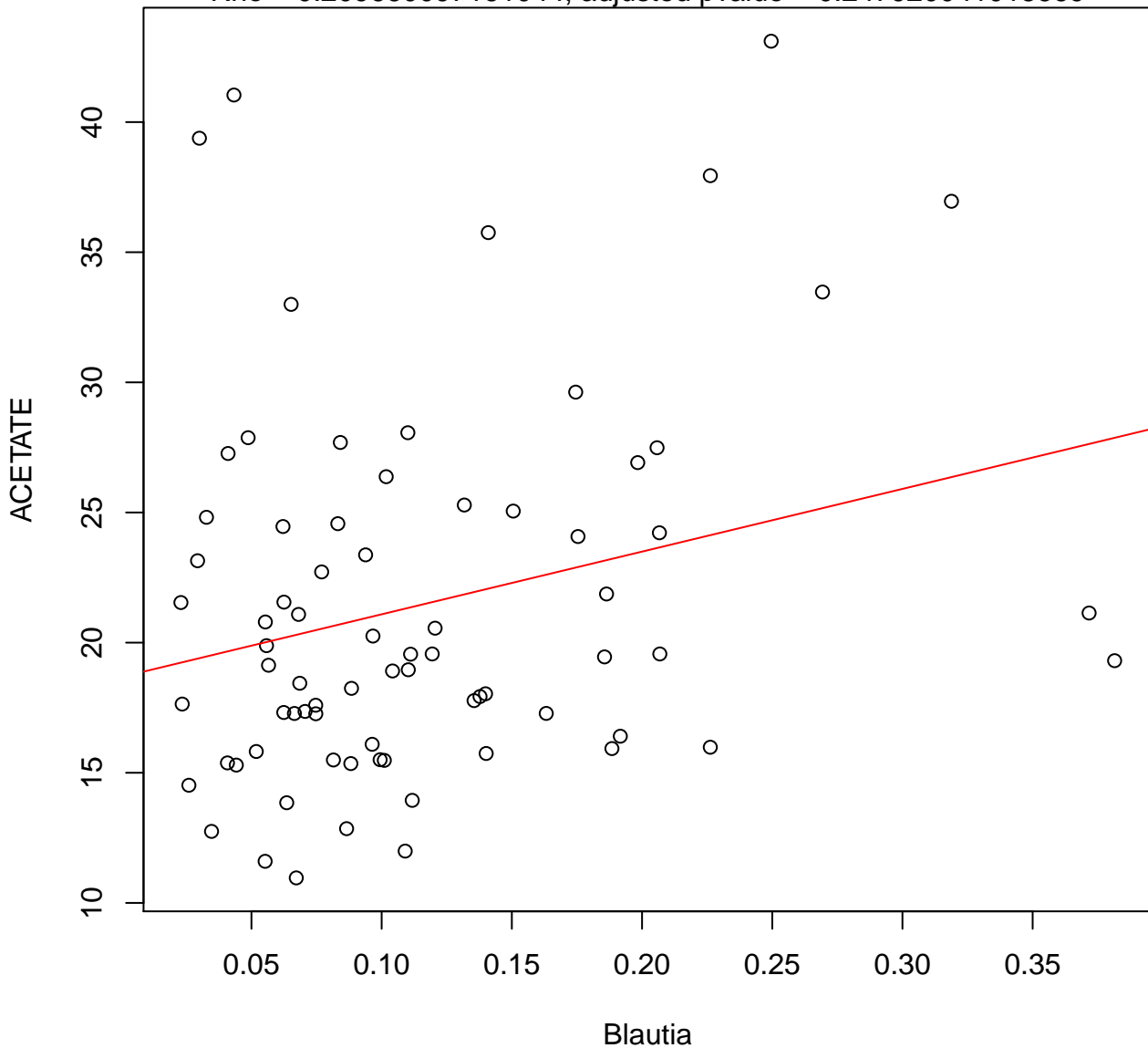
# Timepoint 1 , ACETATE ~ Lachnospiraceae

Rho = 0.235051458408921, adjusted pvalue = 0.185135303966344



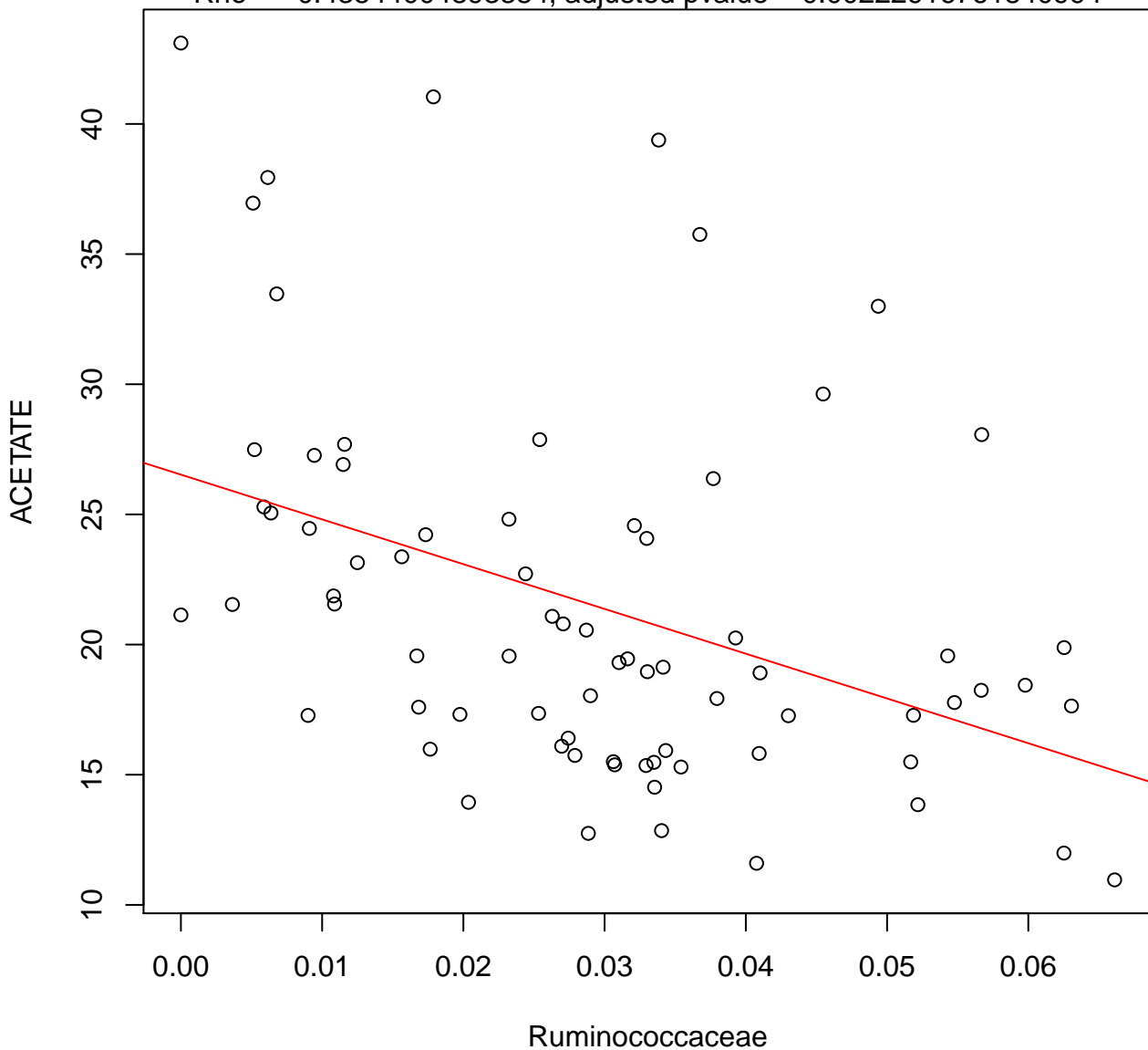
# Timepoint 1 , ACETATE ~ Blautia

Rho = 0.209660097161044, adjusted pvalue = 0.247920041018669



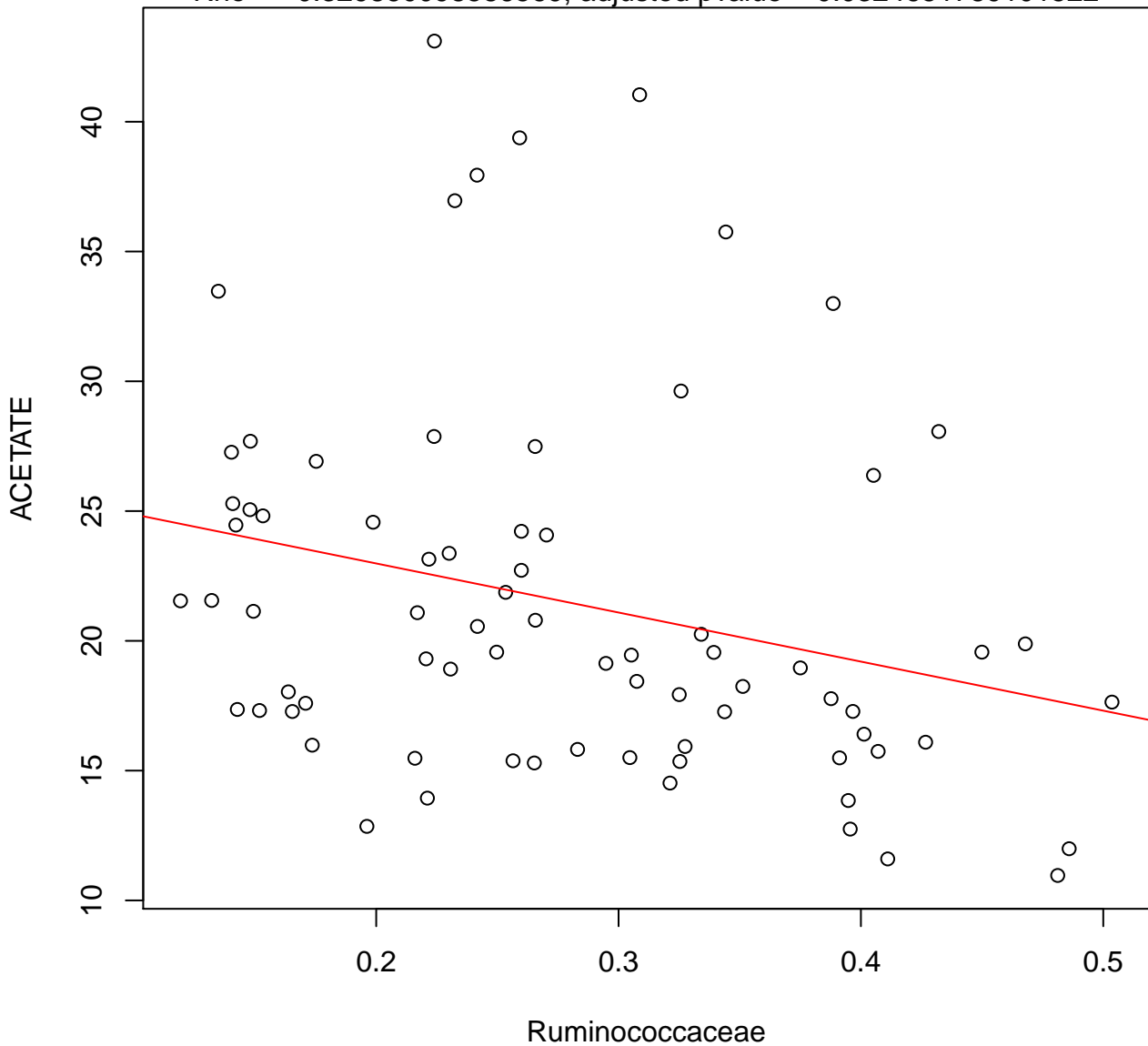
# Timepoint 1 , ACETATE ~ Ruminococcaceae

Rho =  $-0.43544004893384$ , adjusted pvalue =  $0.00222916761840994$



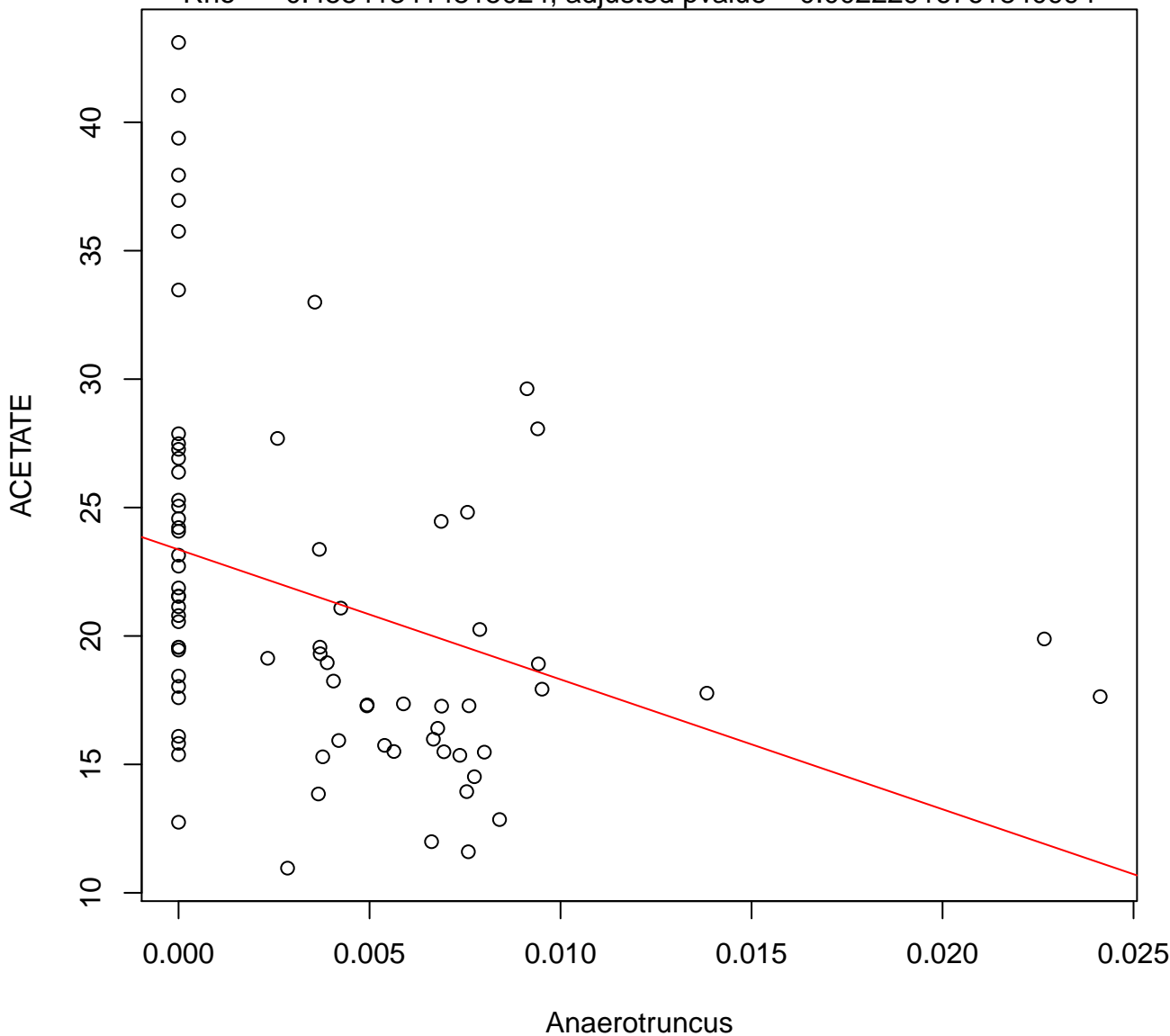
# Timepoint 1 , ACETATE ~ Ruminococcaceae

Rho =  $-0.329860098586569$ , adjusted pvalue =  $0.0324651789101522$



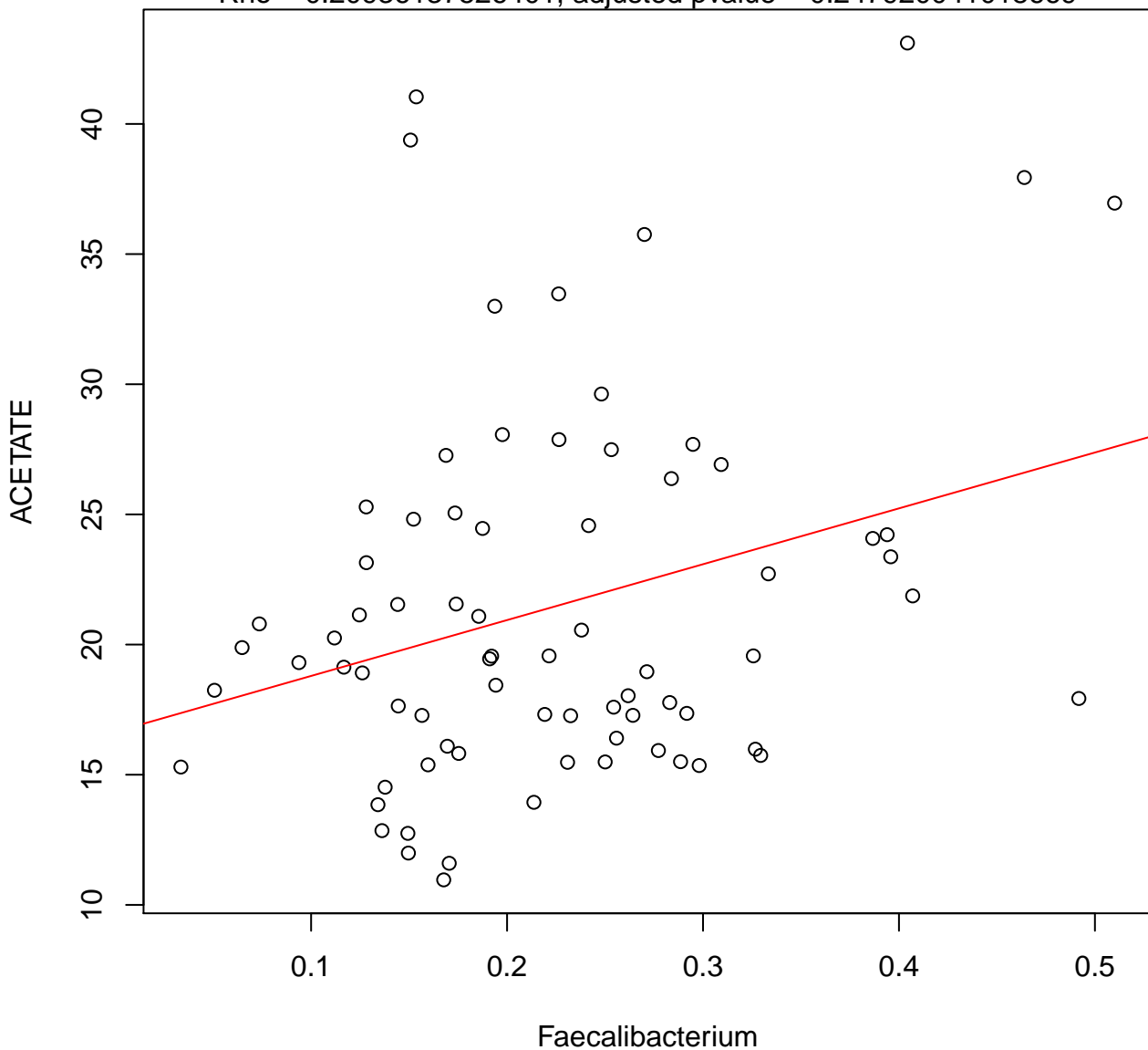
# Timepoint 1 , ACETATE ~ Anaerotruncus

Rho =  $-0.455413414815024$ , adjusted pvalue =  $0.00222916761840994$



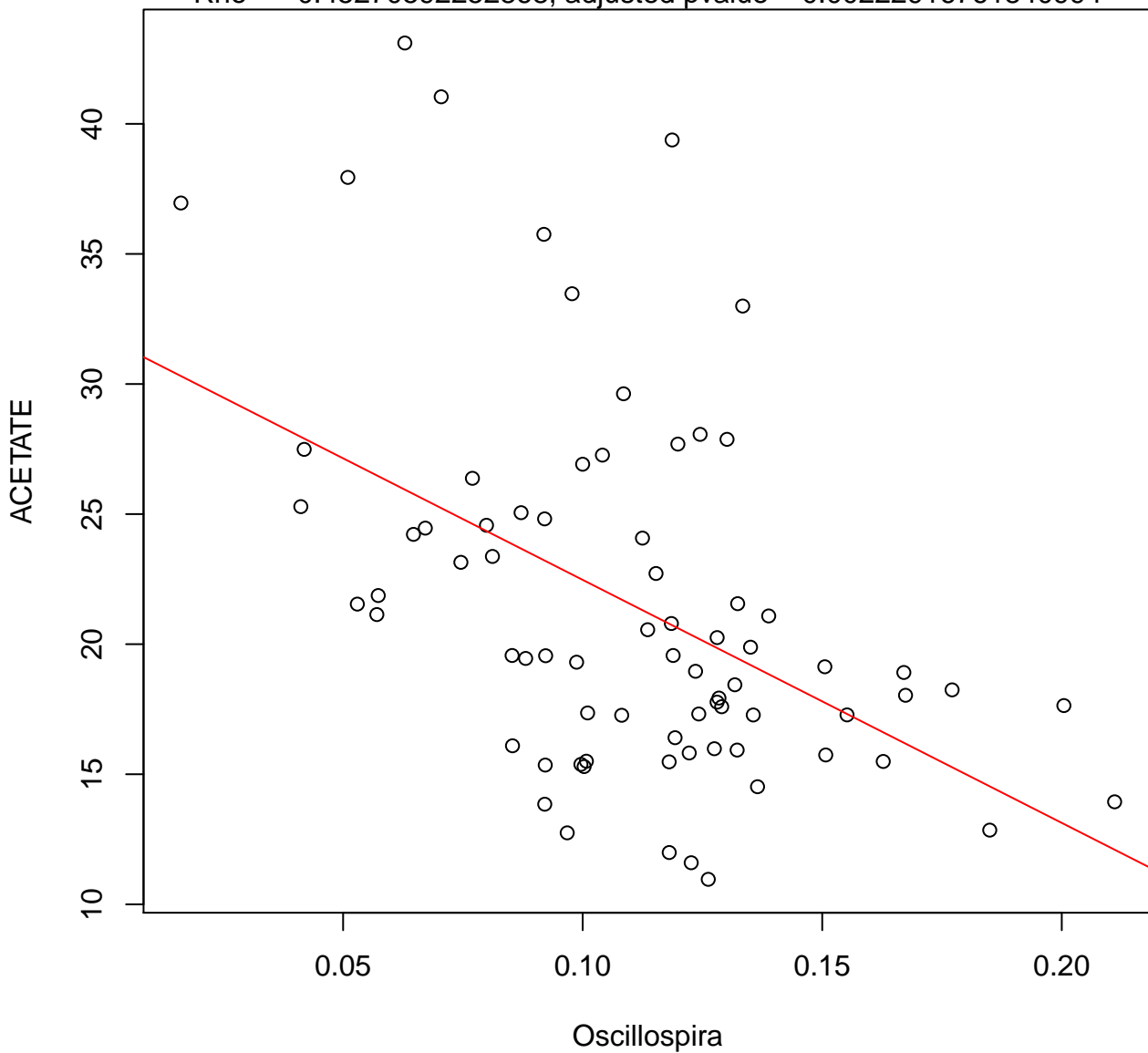
# Timepoint 1 , ACETATE ~ Faecalibacterium

Rho = 0.20936137526401, adjusted pvalue = 0.247920041018669



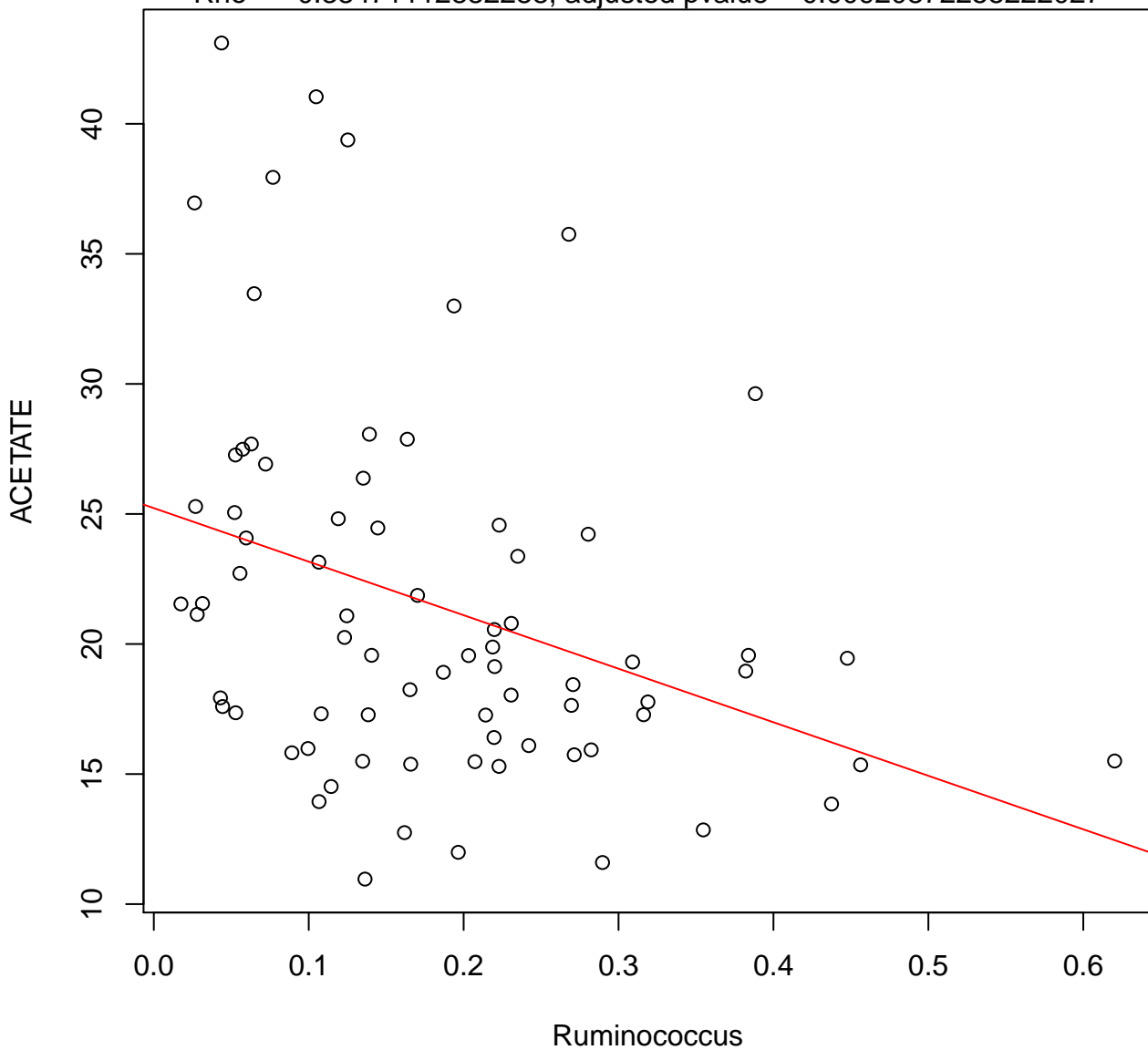
# Timepoint 1 , ACETATE ~ Oscillospira

Rho =  $-0.45270592252868$ , adjusted pvalue =  $0.00222916761840994$



# Timepoint 1 , ACETATE ~ Ruminococcus

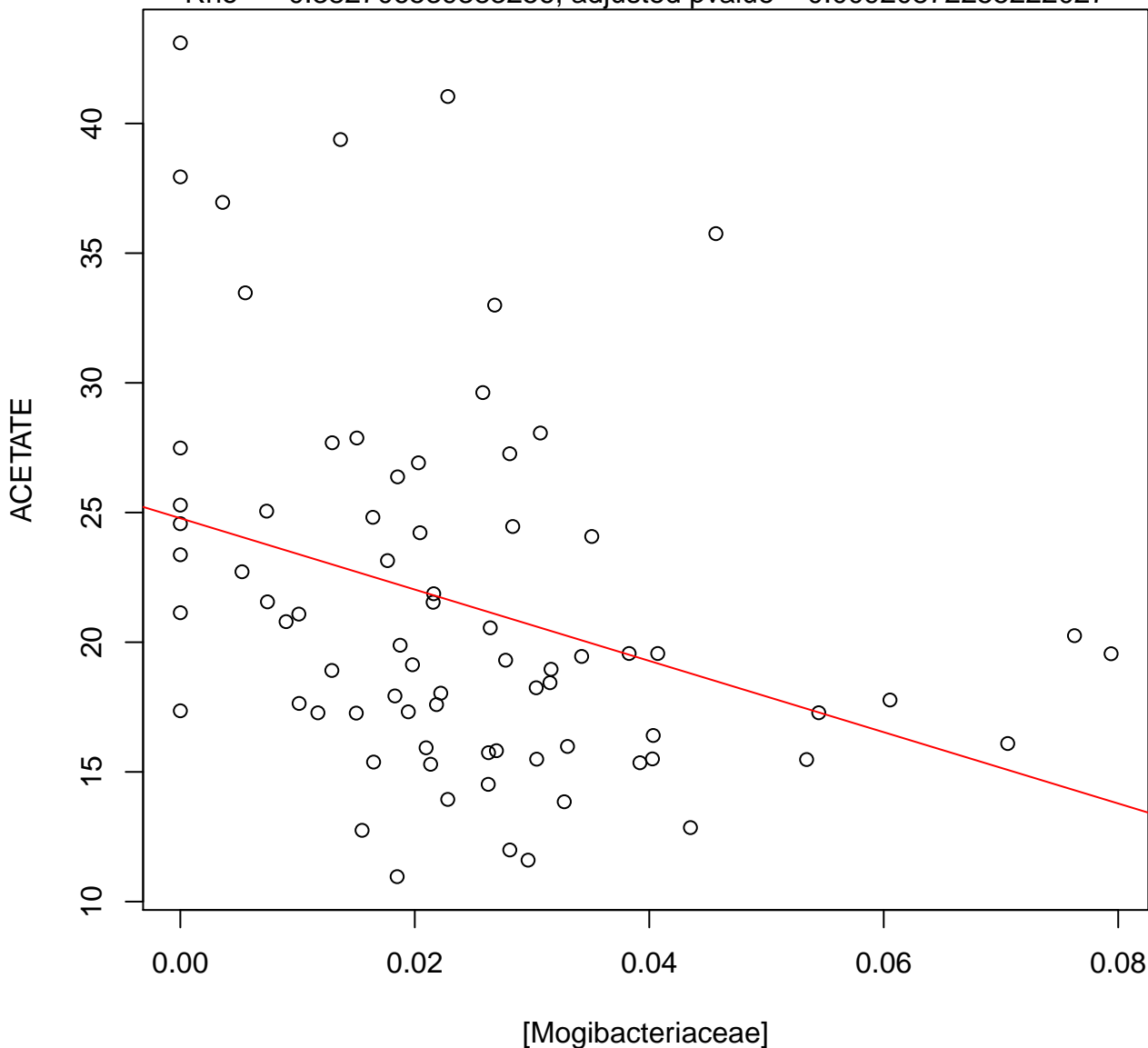
Rho =  $-0.38471112882288$ , adjusted pvalue =  $0.00920872255222027$





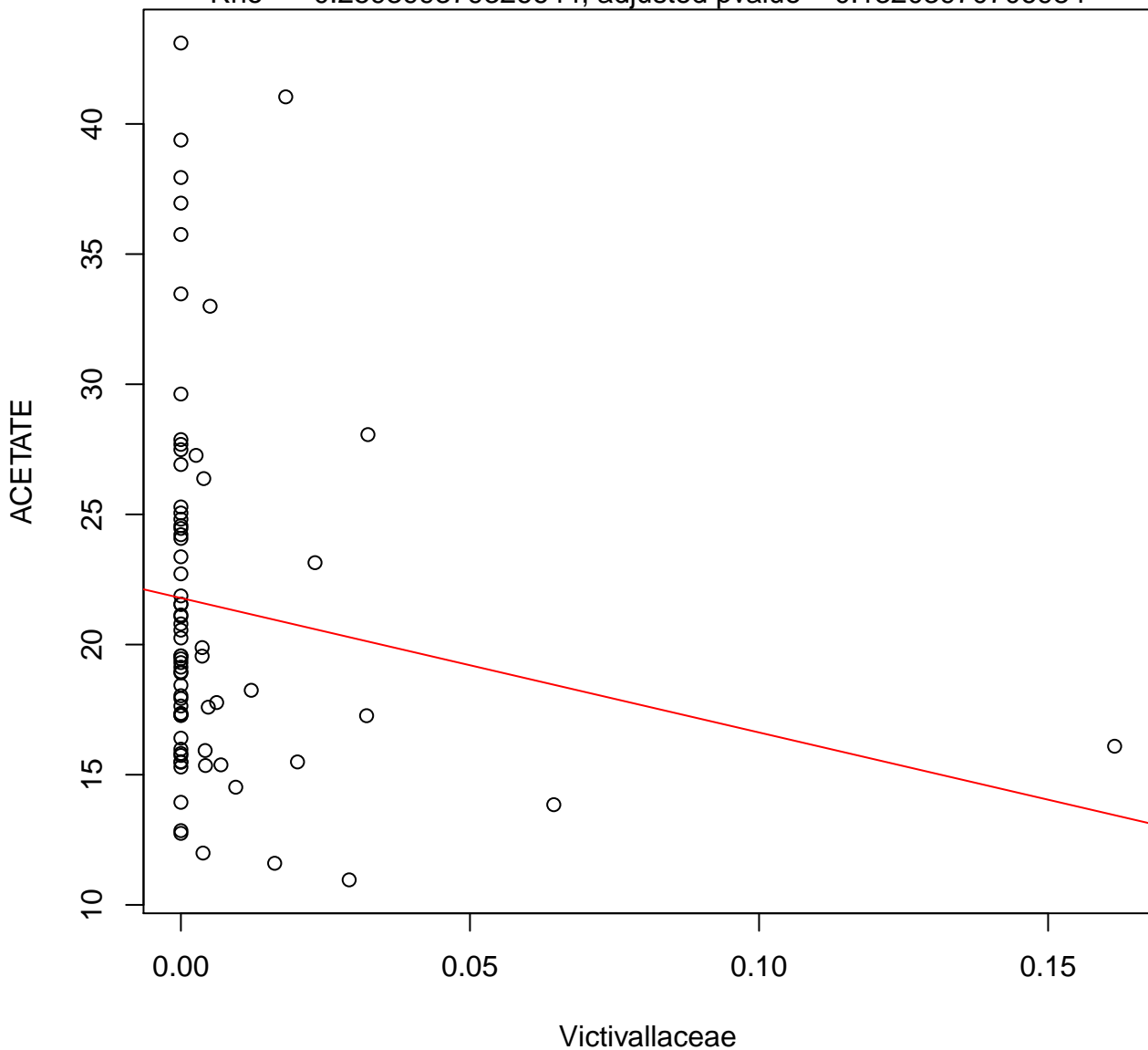
# Timepoint 1 , ACETATE ~ [Mogibacteriaceae]

Rho =  $-0.382706539383256$ , adjusted pvalue =  $0.00920872255222027$



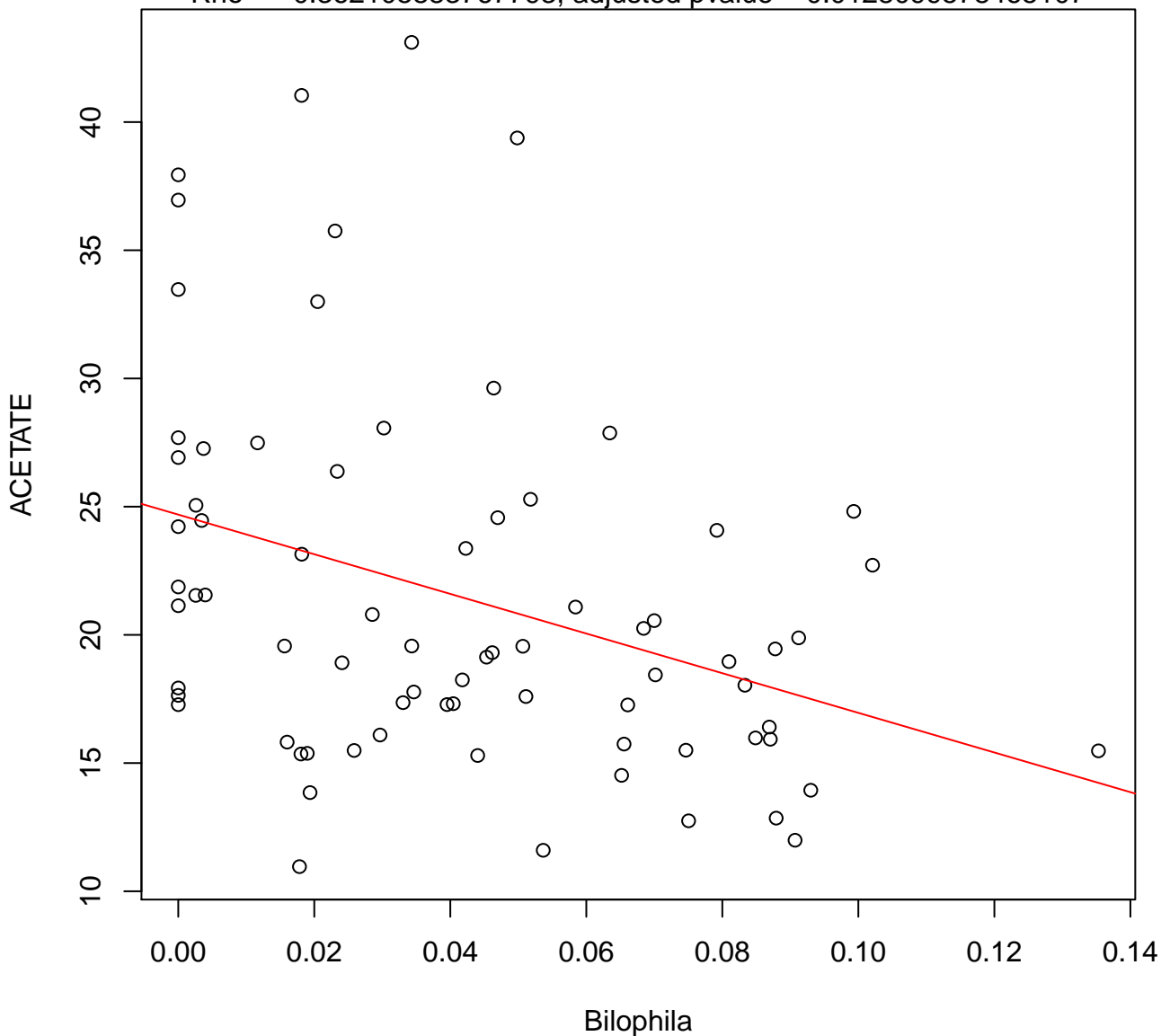
# Timepoint 1 , ACETATE ~ Victivallaceae

Rho =  $-0.259399379326644$ , adjusted pvalue =  $0.13203970706984$



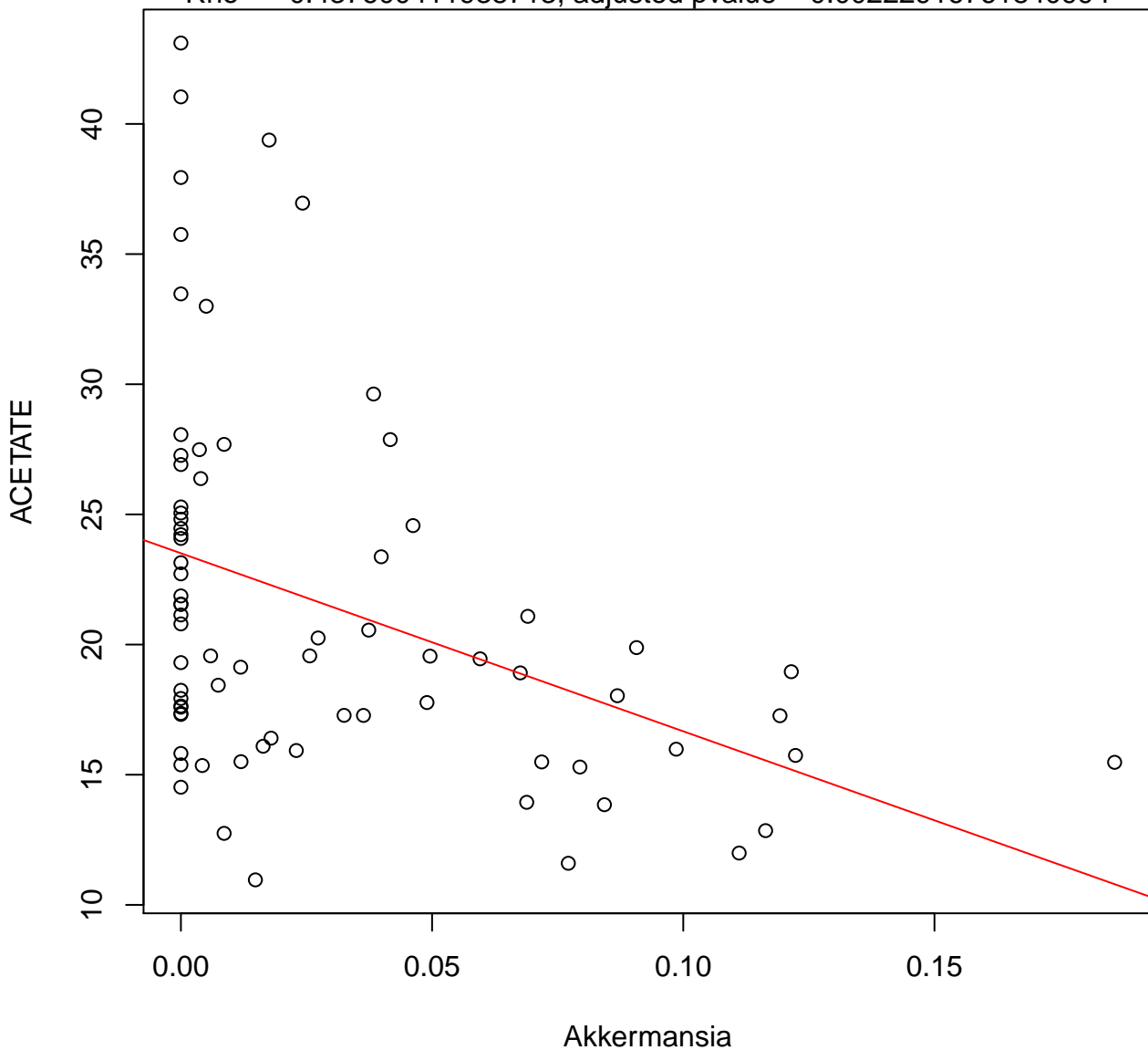
# Timepoint 1 , ACETATE ~ Bilophila

Rho =  $-0.362105883767793$ , adjusted pvalue =  $0.0128099578465107$



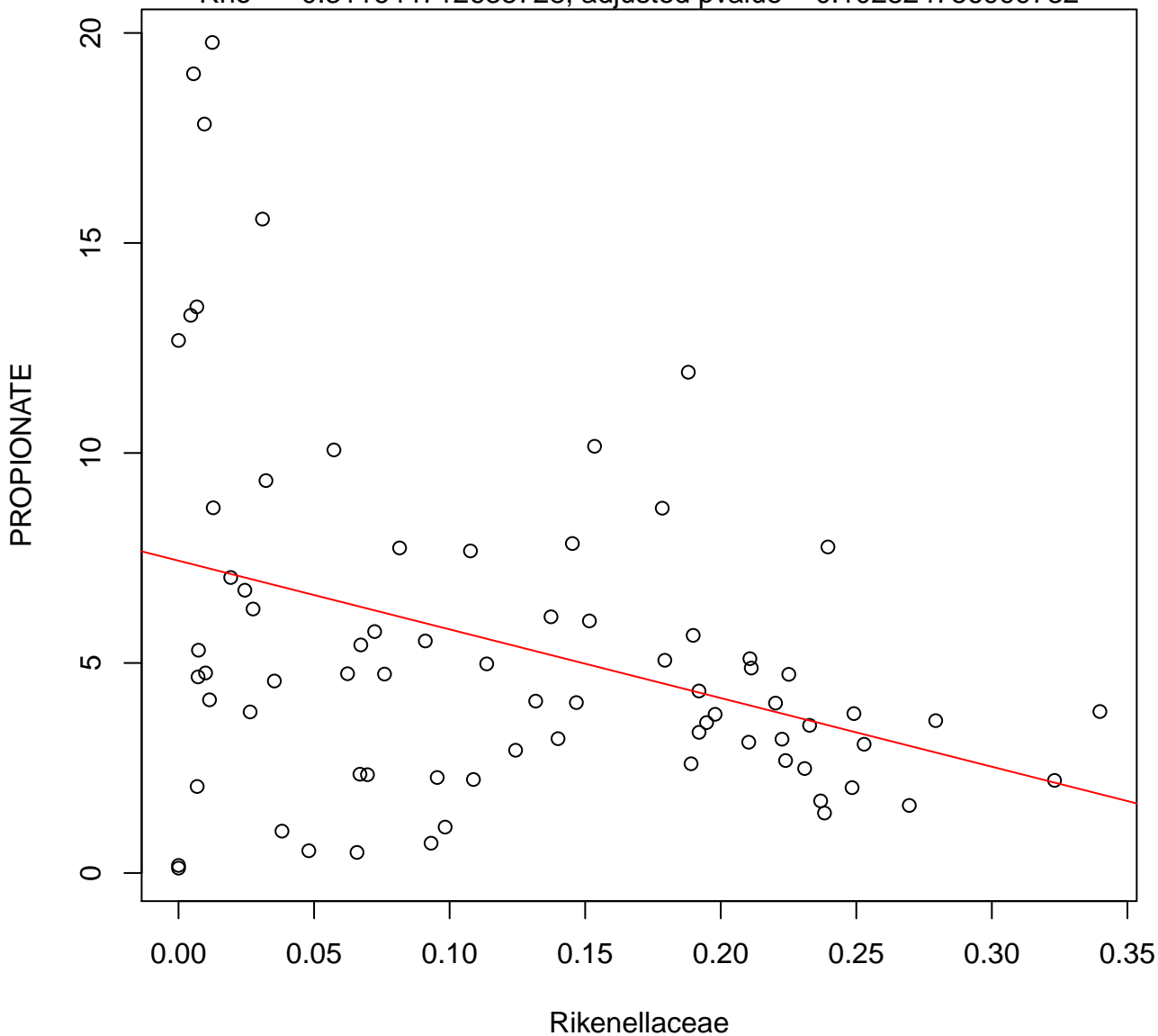
# Timepoint 1 , ACETATE ~ Akkermansia

Rho =  $-0.437600411938713$ , adjusted pvalue =  $0.00222916761840994$



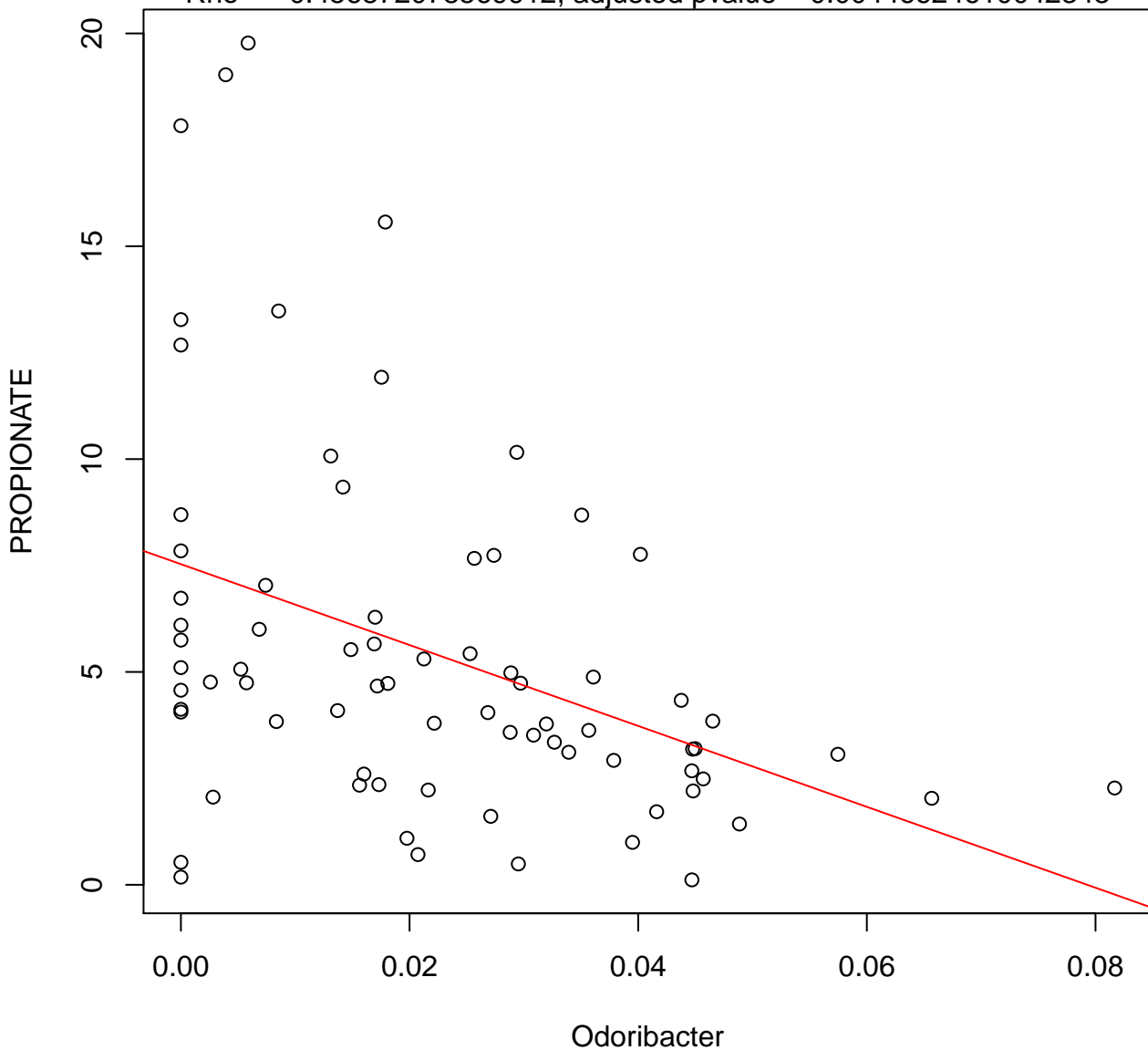
# Timepoint 1 , PROPIONATE ~ Rikenellaceae

Rho =  $-0.311644712635728$ , adjusted pvalue =  $0.102824756999732$



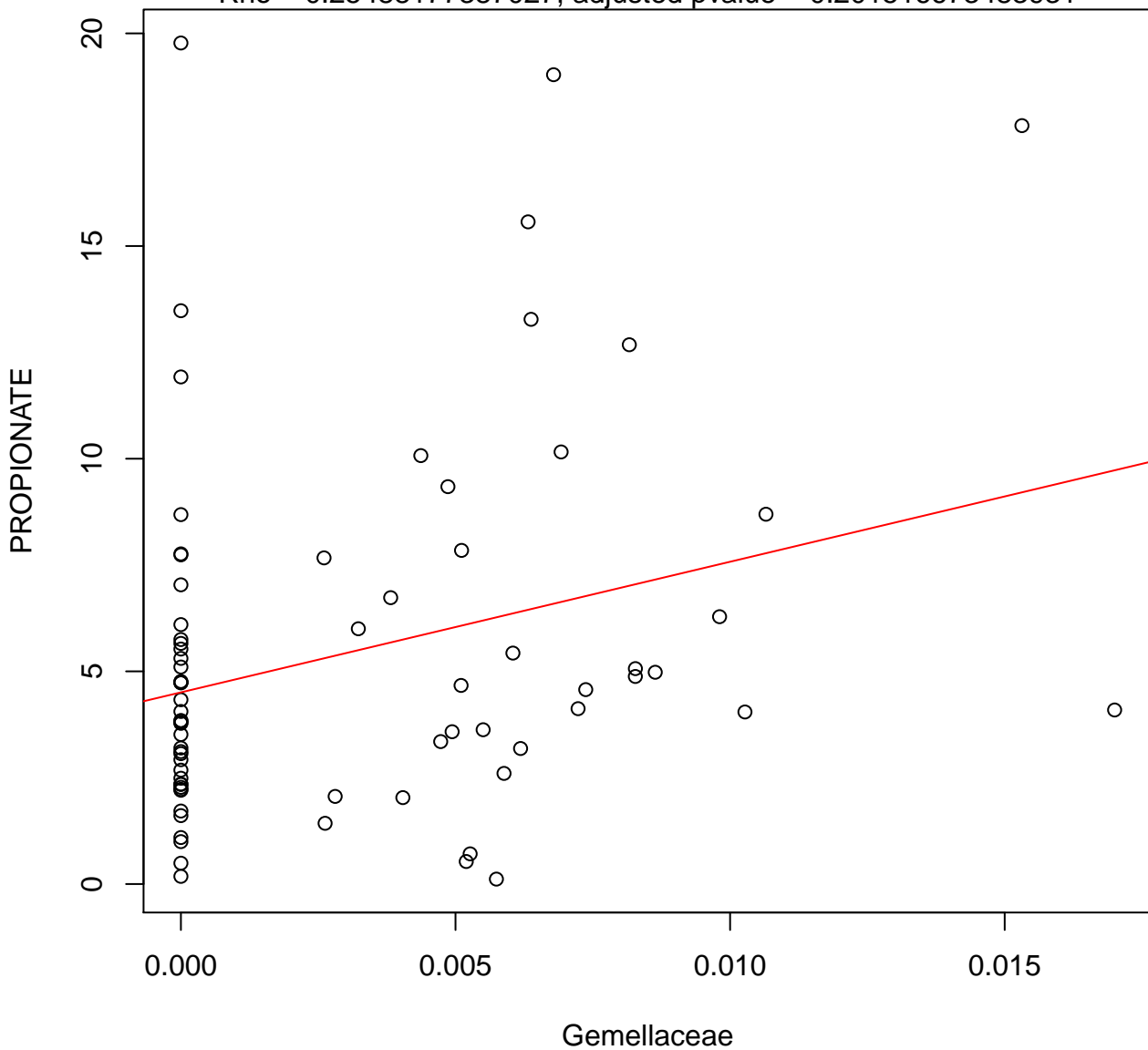
# Timepoint 1 , PROPIONATE ~ Odoribacter

Rho =  $-0.456872078569912$ , adjusted pvalue =  $0.00446624610042343$



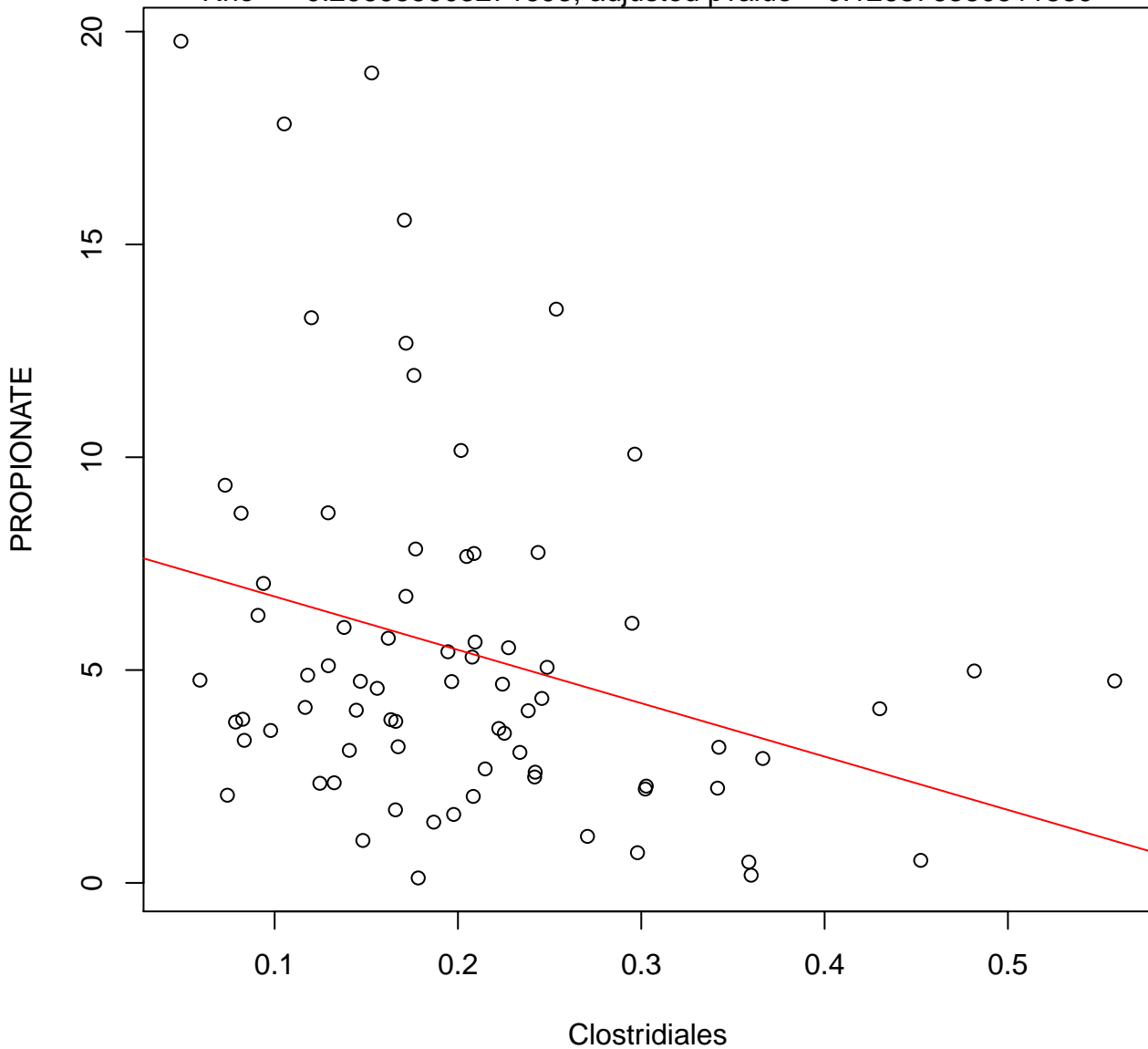
# Timepoint 1 , PROPIONATE ~ Gemellaceae

Rho = 0.25488177387027, adjusted pvalue = 0.201516673483931



# Timepoint 1 , PROPIONATE ~ Clostridiales

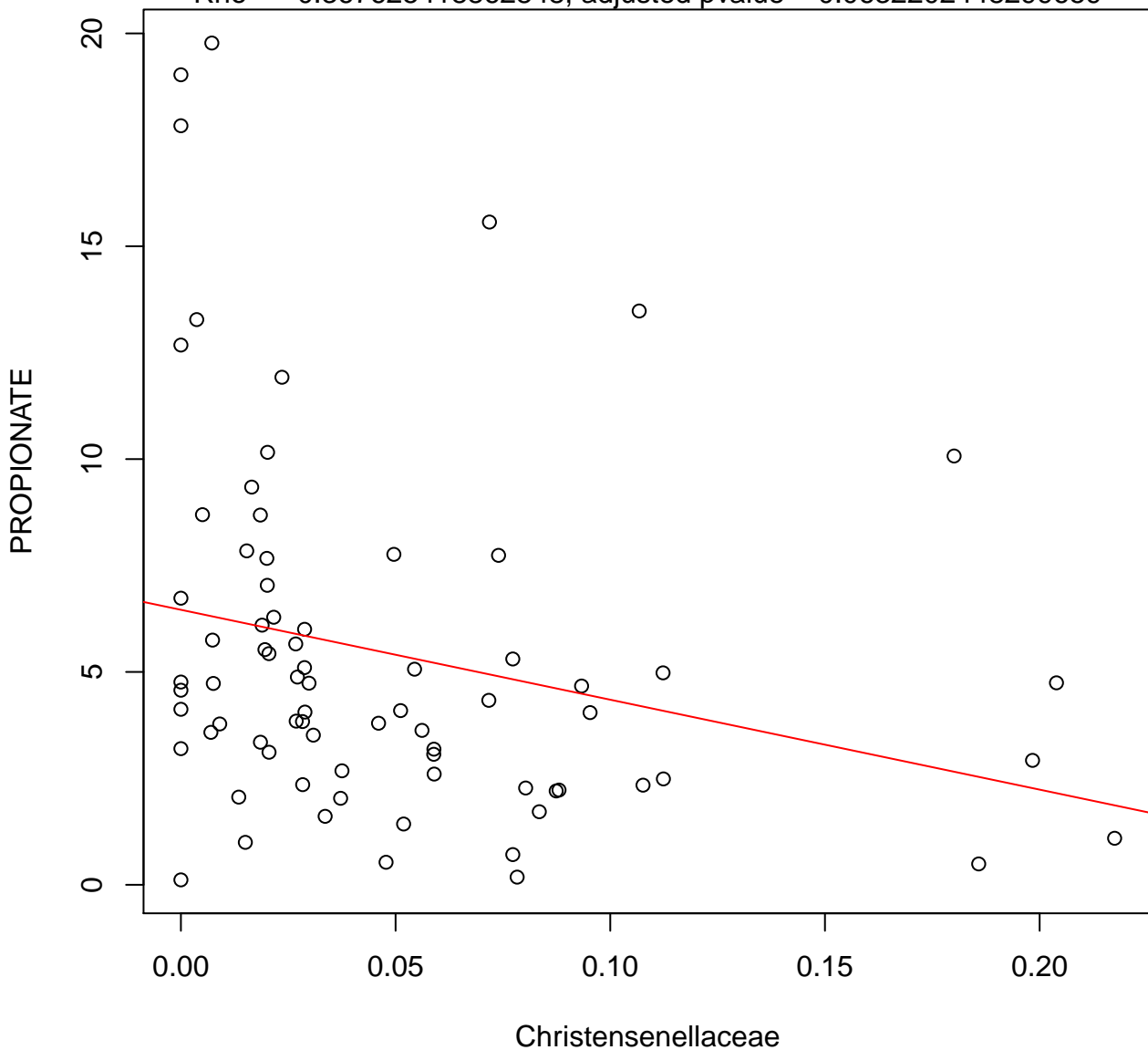
Rho =  $-0.296955903271693$ , adjusted pvalue =  $0.126876380511839$





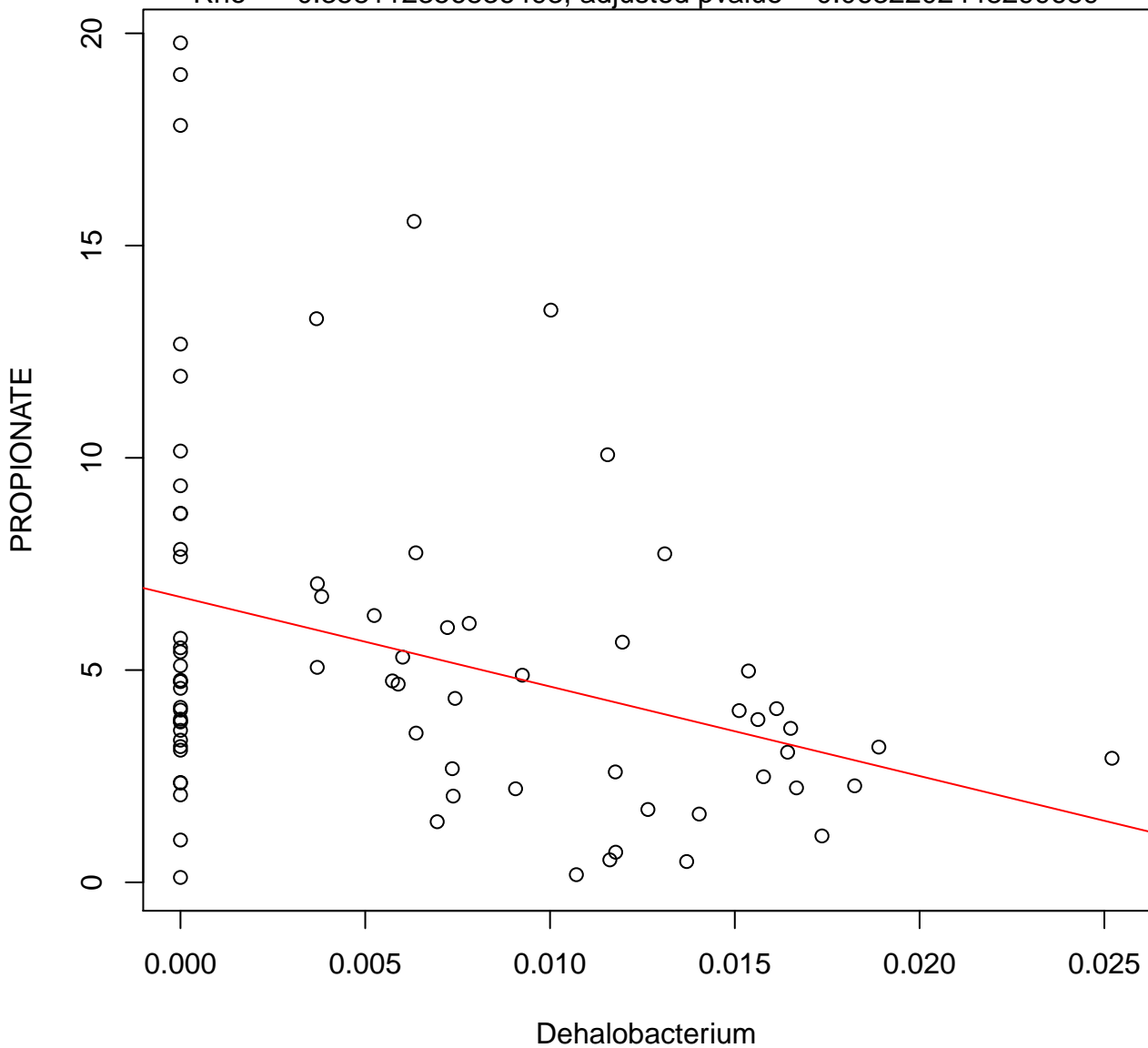
# Timepoint 1 , PROPIONATE ~ Christensenellaceae

Rho =  $-0.367625418862848$ , adjusted pvalue =  $0.0632202448299659$



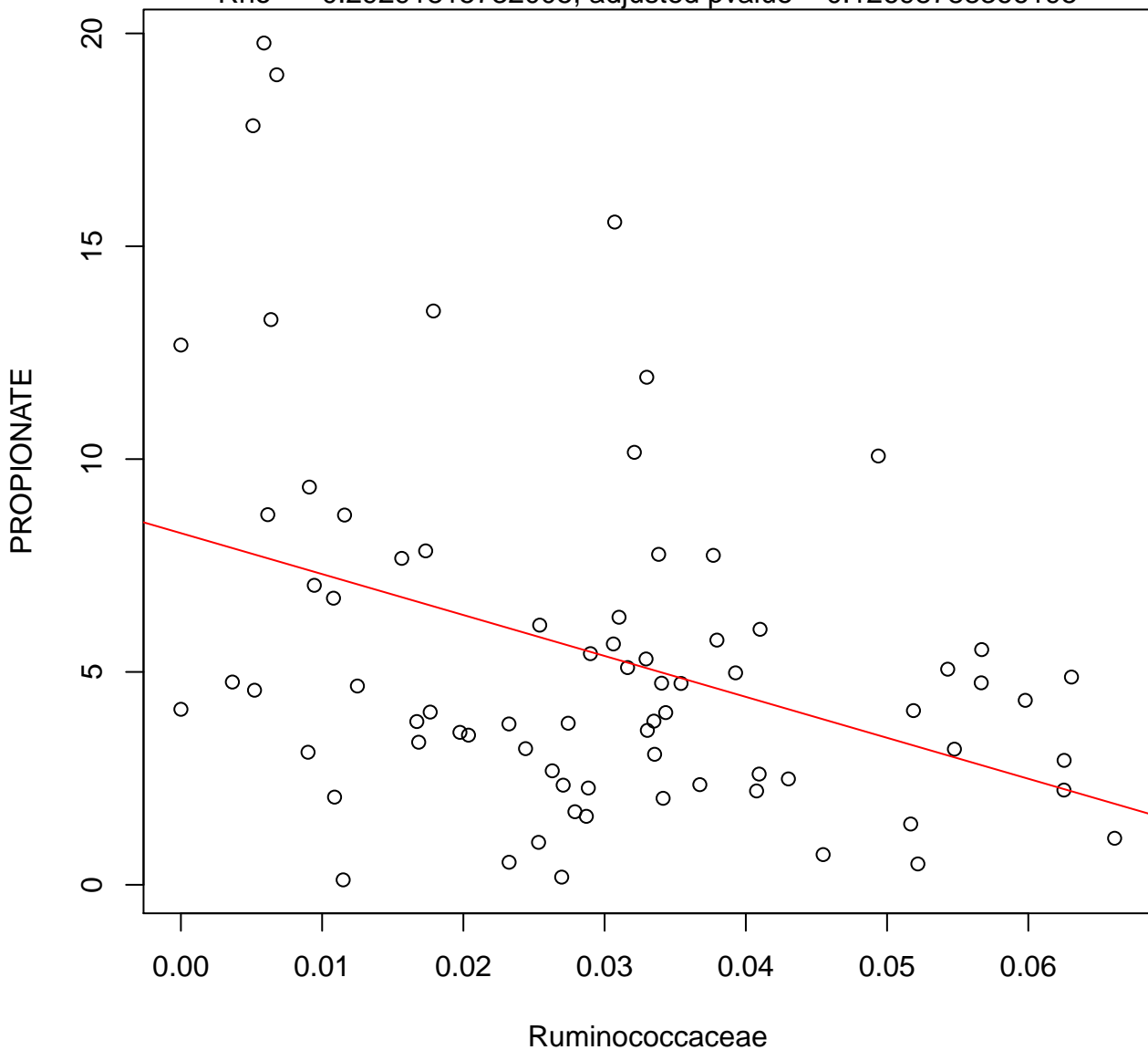
# Timepoint 1 , PROPIONATE ~ Dehalobacterium

Rho =  $-0.358112356836493$ , adjusted pvalue =  $0.0632202448299659$

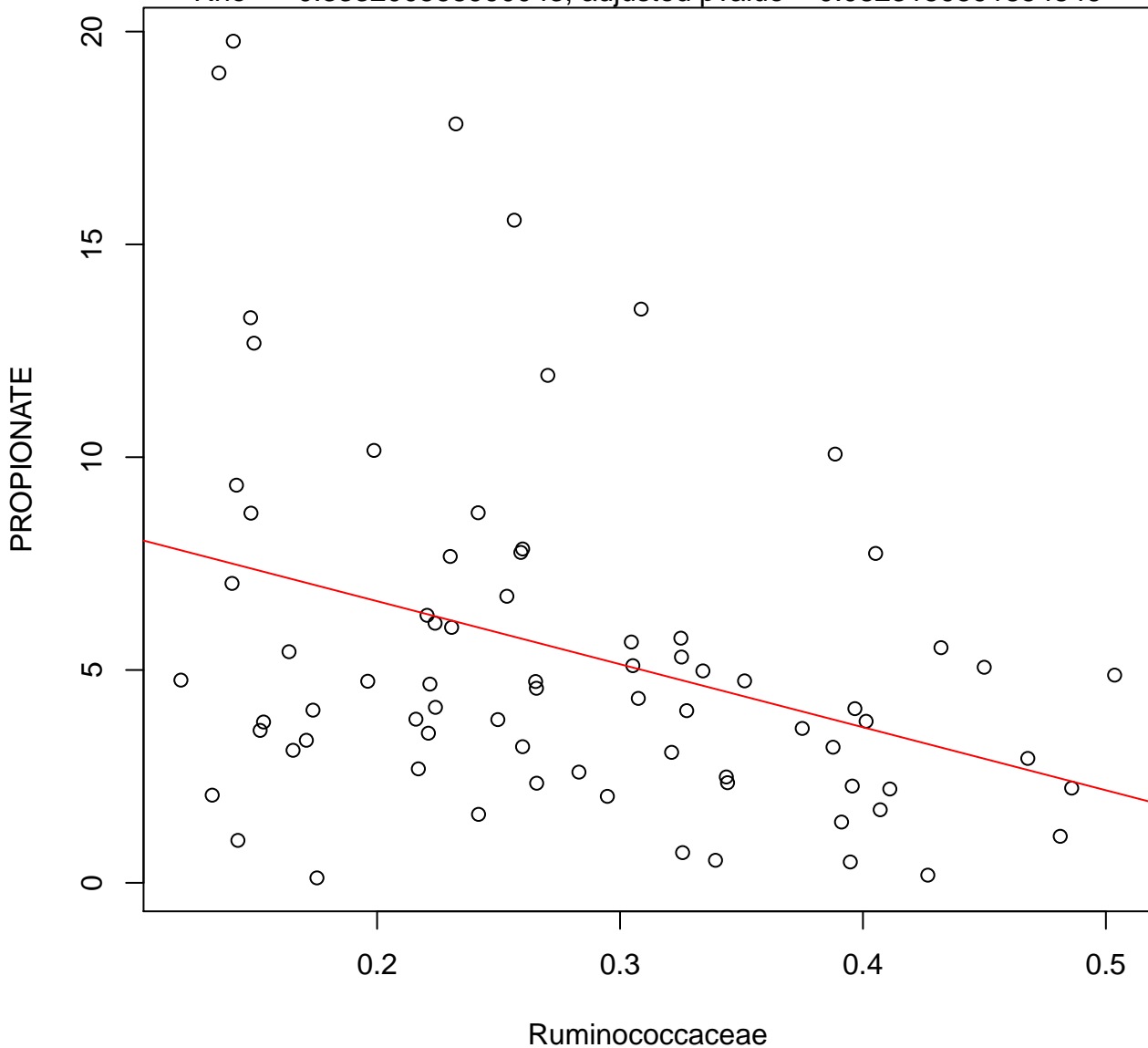


# Timepoint 1 , PROPIONATE ~ Ruminococcaceae

Rho =  $-0.29291815732005$ , adjusted pvalue =  $0.12698788366195$

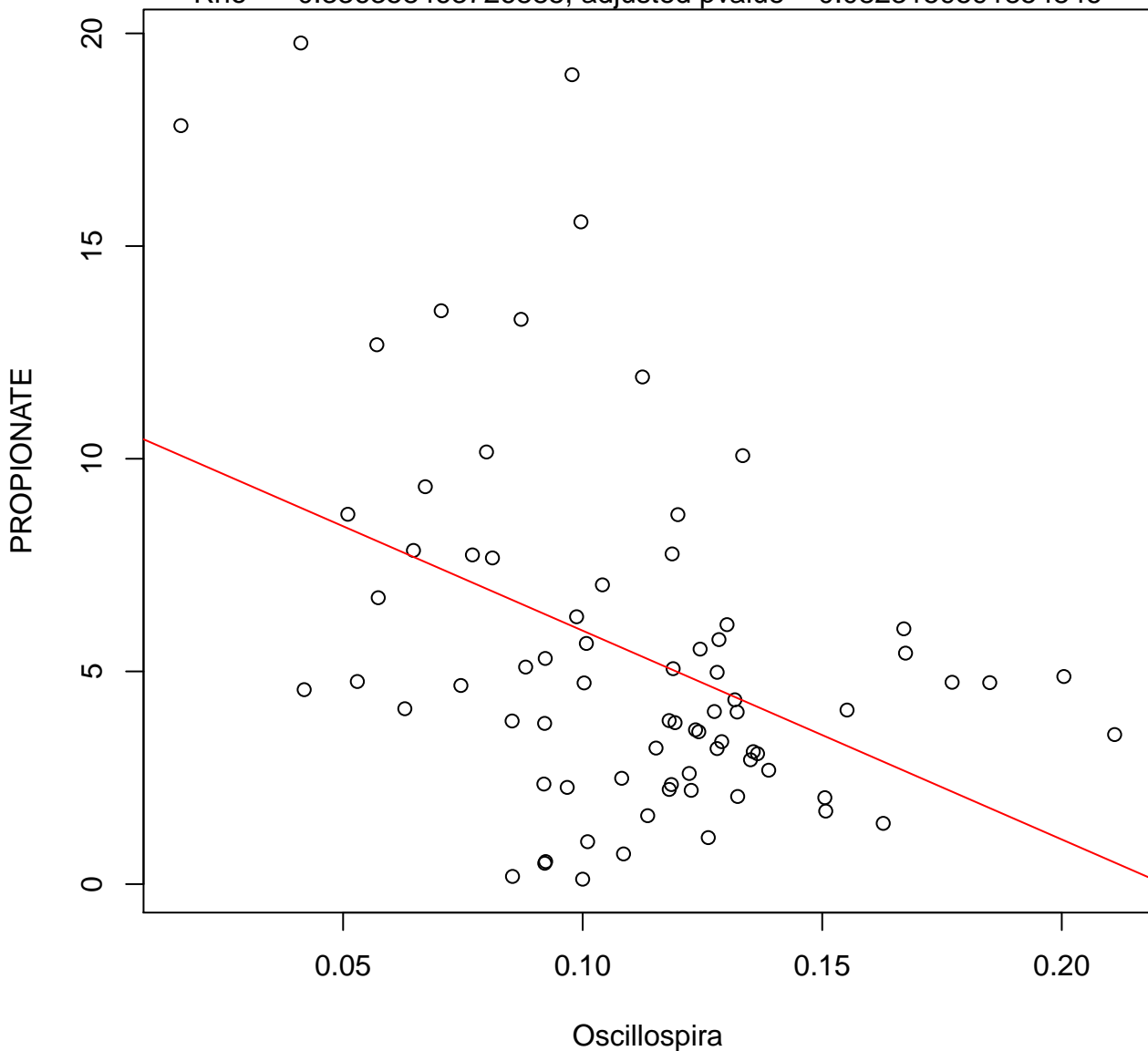


Rho = -0.333200568990043, adjusted pvalue = 0.0823159591854846



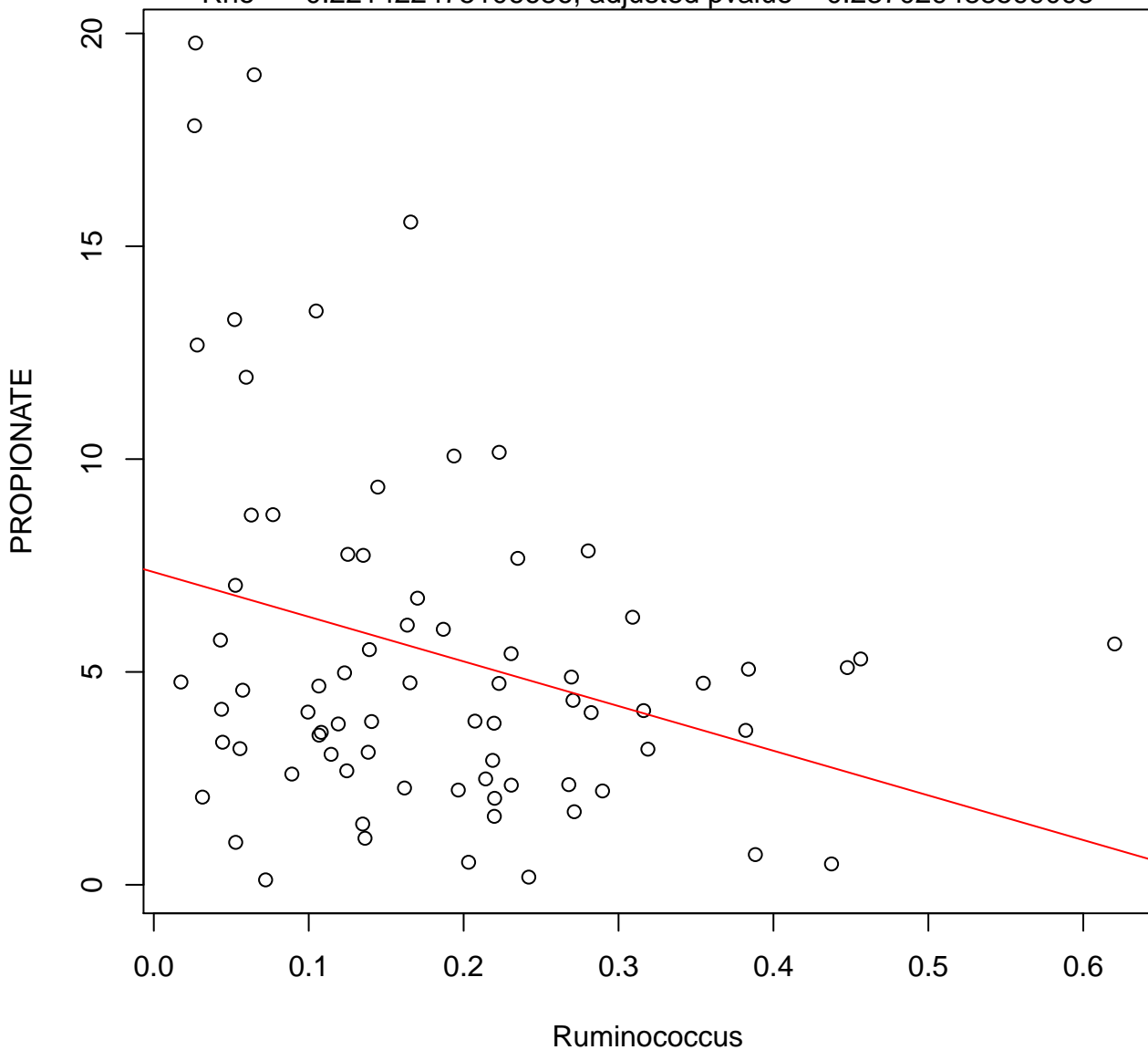
# Timepoint 1 , PROPIONATE ~ Oscillospira

Rho =  $-0.336358463726885$ , adjusted pvalue =  $0.0823159591854846$



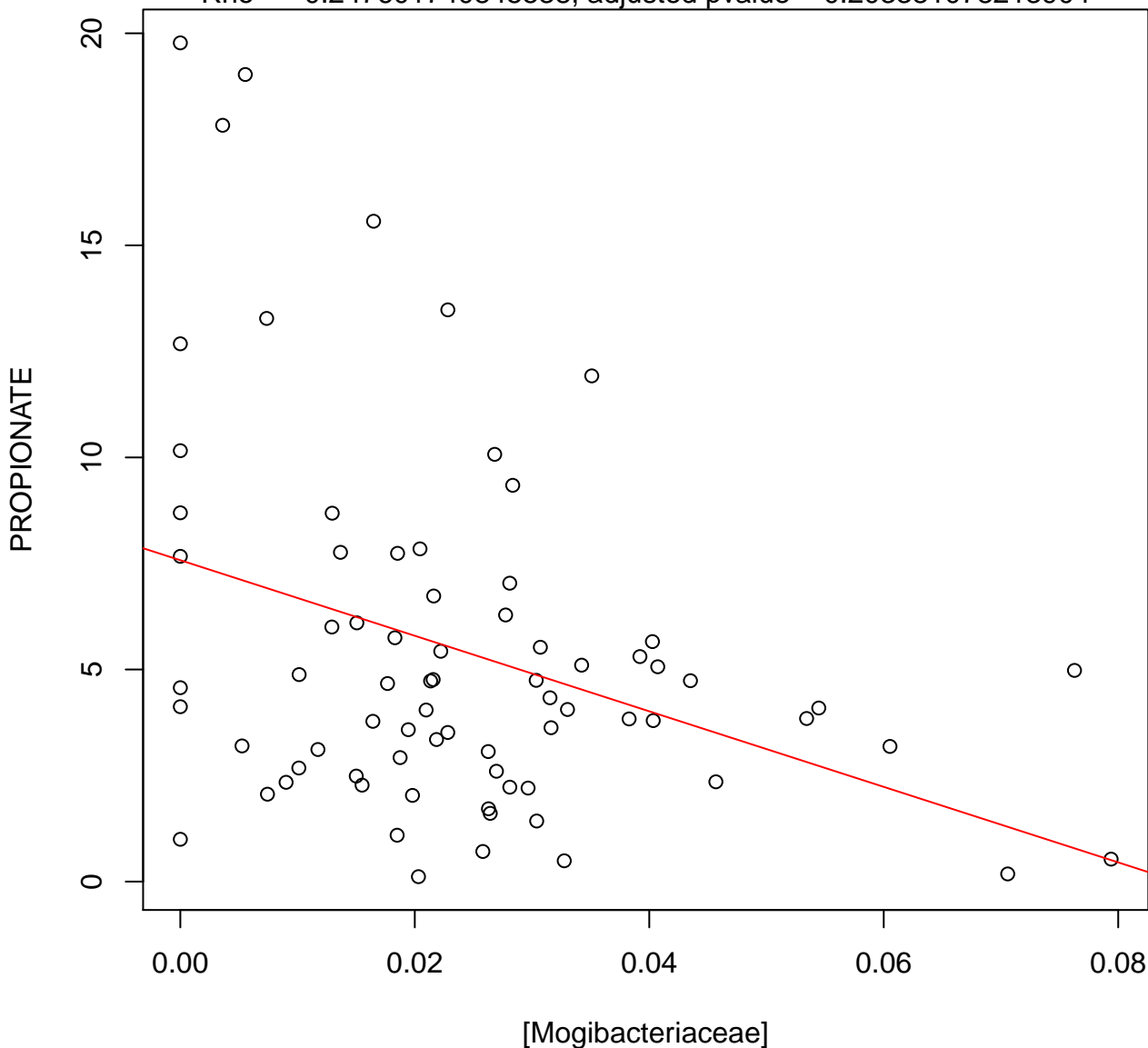
# Timepoint 1 , PROPIONATE ~ Ruminococcus

Rho = -0.221422475106686, adjusted pvalue = 0.237029488599093



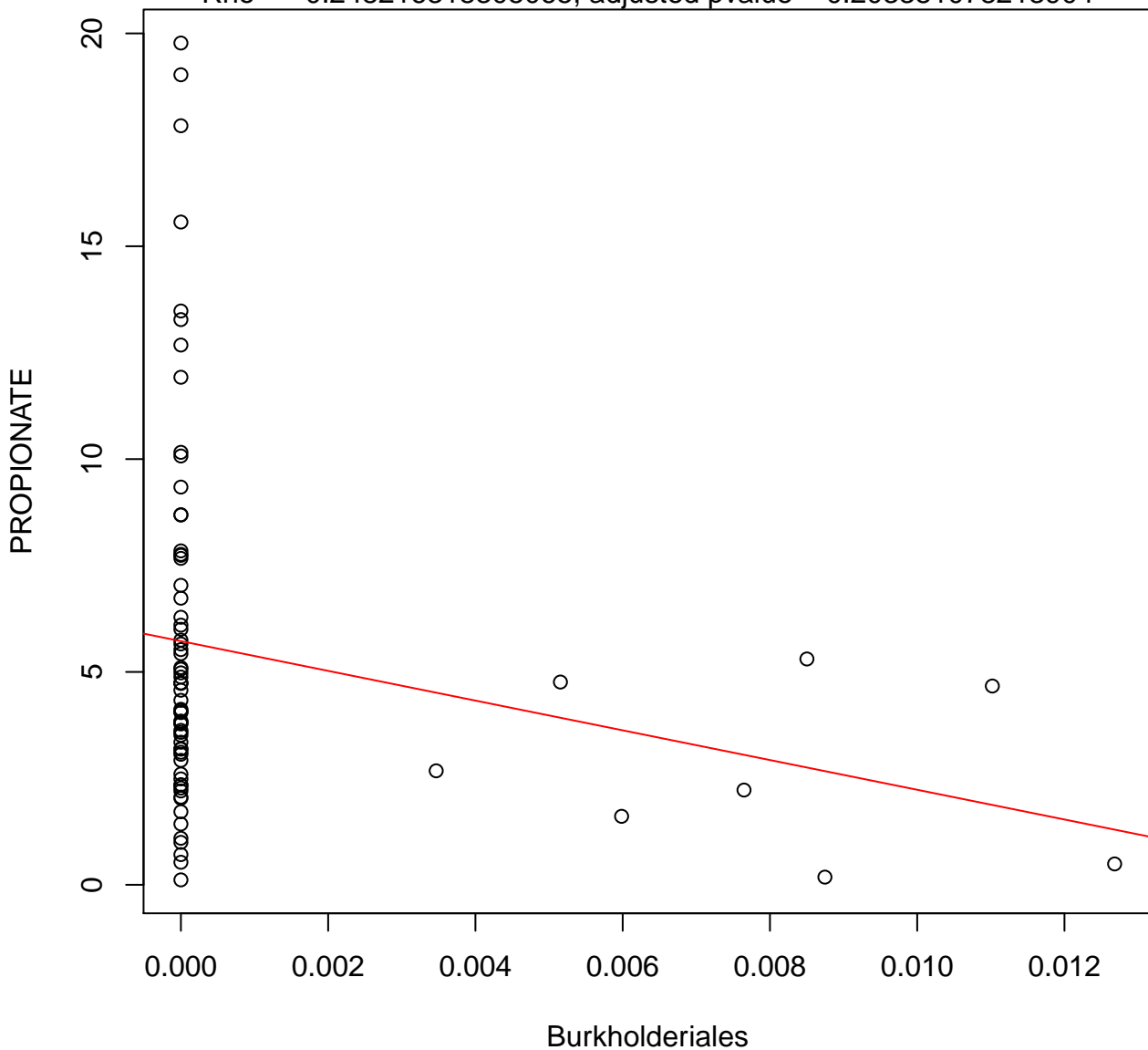
# Timepoint 1 , PROPIONATE ~ [Mogibacteriaceae]

Rho = -0.247601740845538, adjusted pvalue = 0.203381078213904



# Timepoint 1 , PROPIONATE ~ Burkholderiales

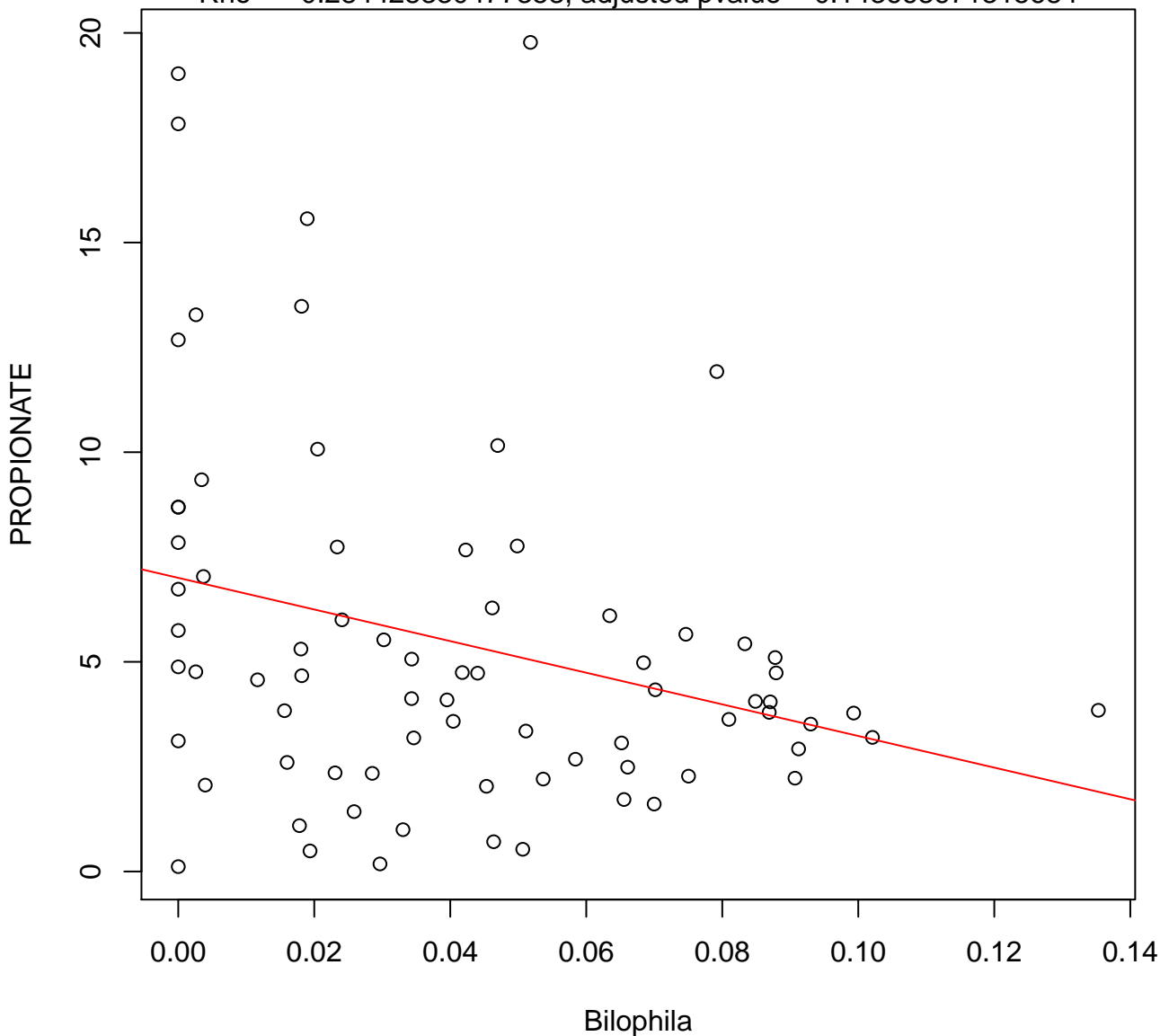
Rho = -0.248216318305065, adjusted pvalue = 0.203381078213904





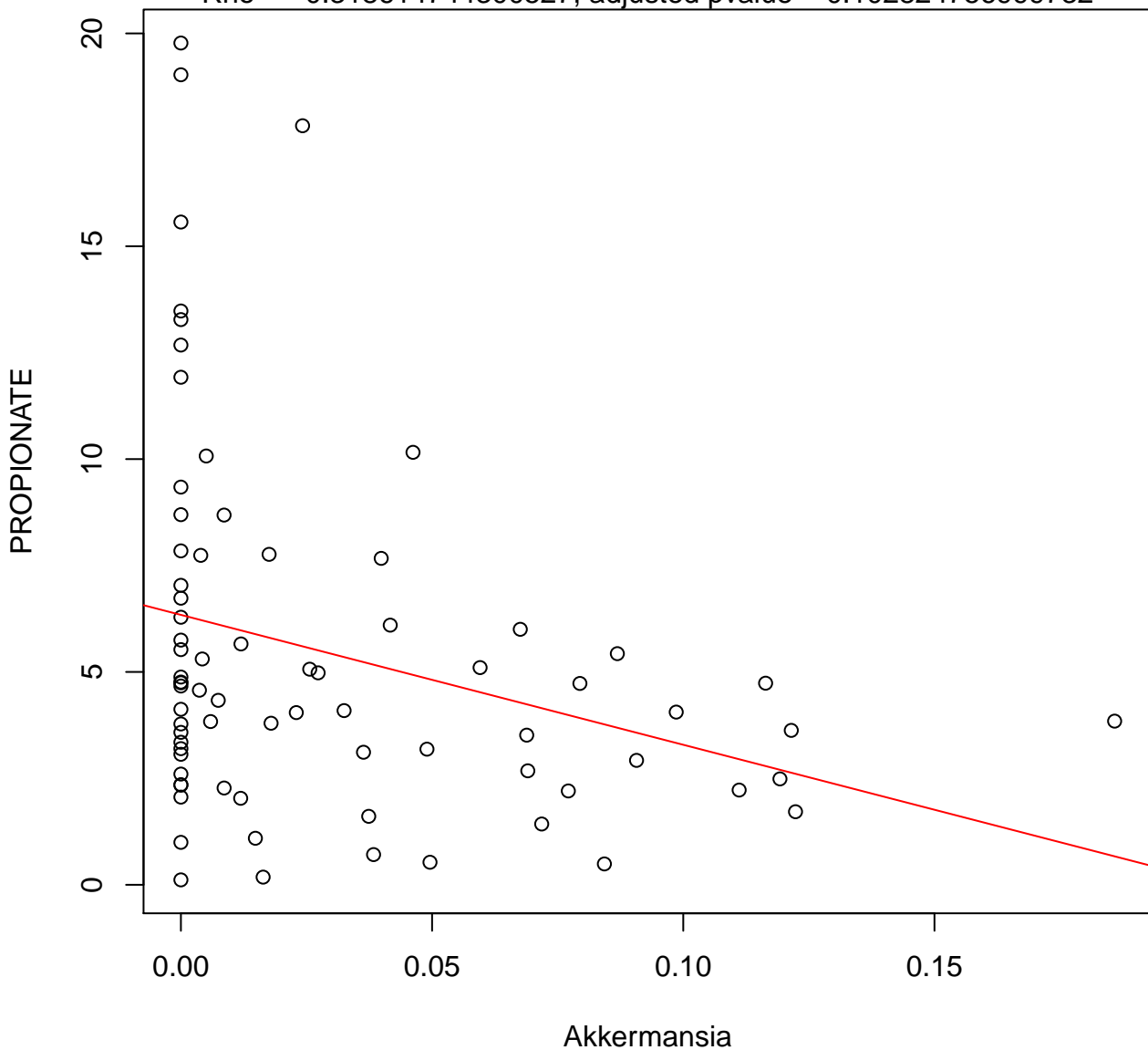
# Timepoint 1 , PROPIONATE ~ Bilophila

Rho =  $-0.284428330477353$ , adjusted pvalue =  $0.143663671315684$



# Timepoint 1 , PROPIONATE ~ Akkermansia

Rho =  $-0.318614744300527$ , adjusted pvalue =  $0.102824756999732$



# Timepoint 1 , ADJREE ~ Coprobacillus

Rho = 0.398585708275075, adjusted pvalue = 0.0427396200685602

