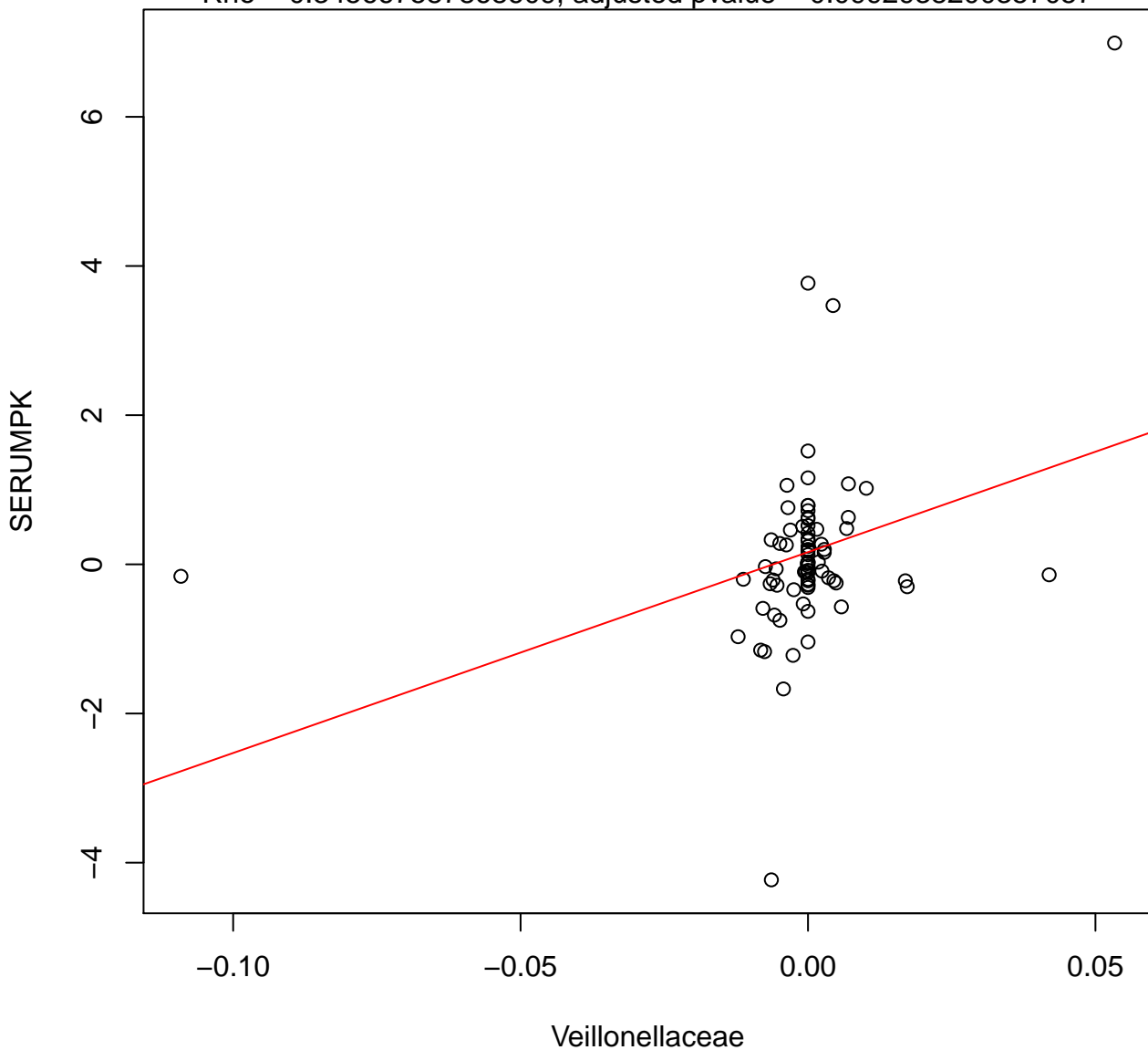


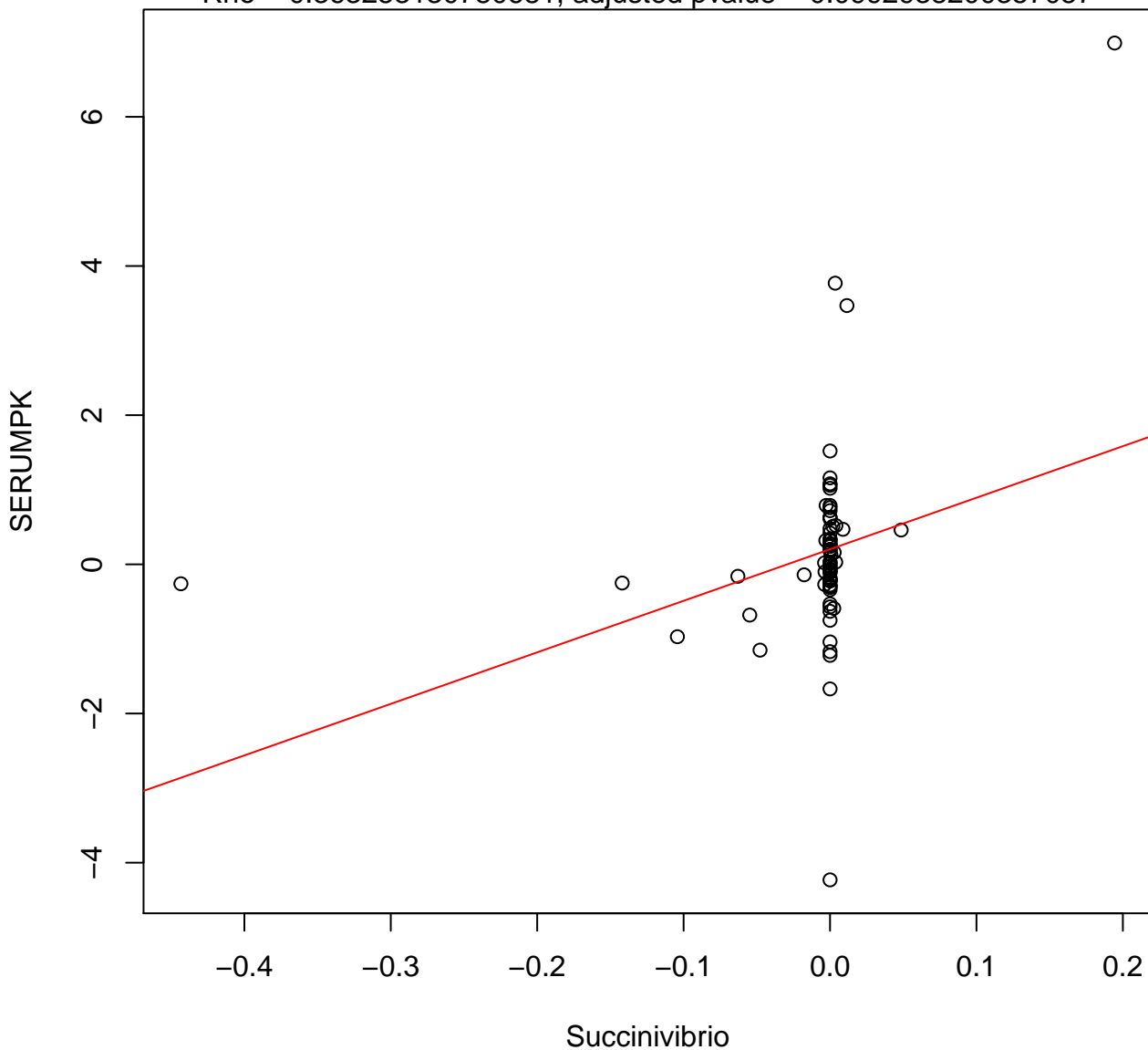
# All groups, Delta SERUMPK ~ Delta Veillonellaceae

Rho = 0.345667587868609, adjusted pvalue = 0.0992938200357057



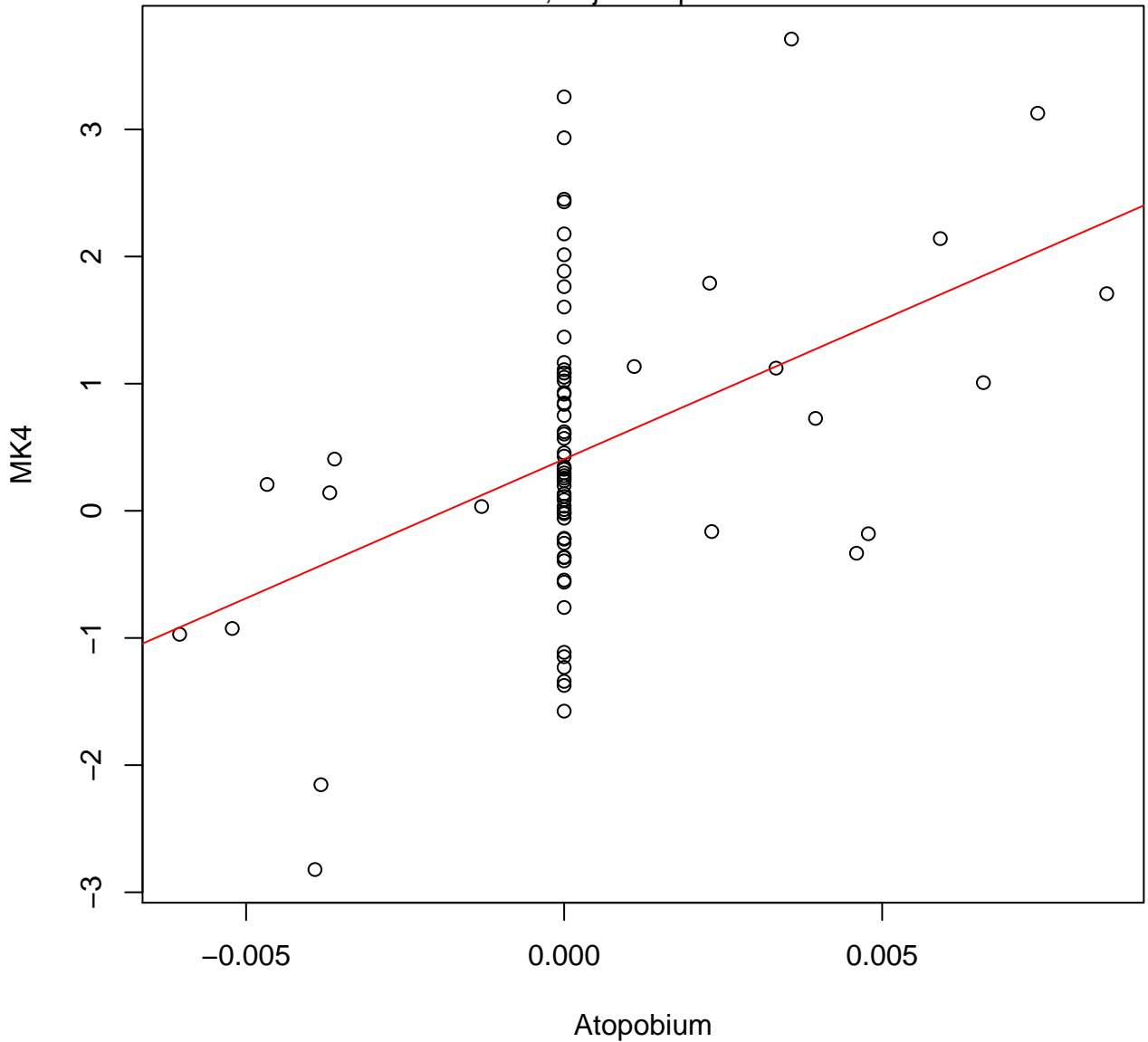
# All groups, Delta SERUMPK ~ Delta Succinivibrio

Rho = 0.363253130780681, adjusted pvalue = 0.0992938200357057



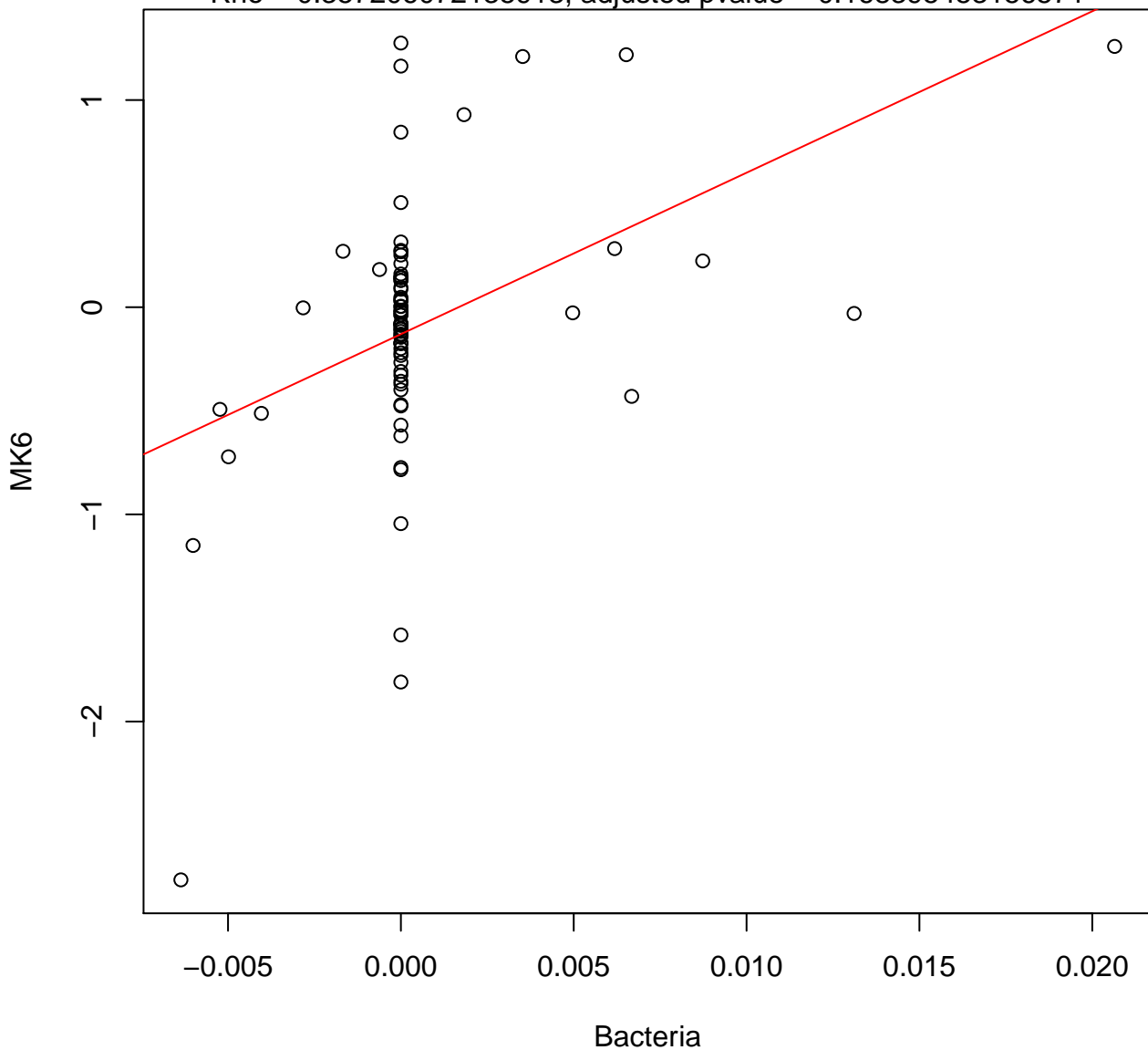
# All groups, Delta MK4 ~ Delta Atopobium

Rho = 0.37863463242753, adjusted pvalue = 0.0404138216159328



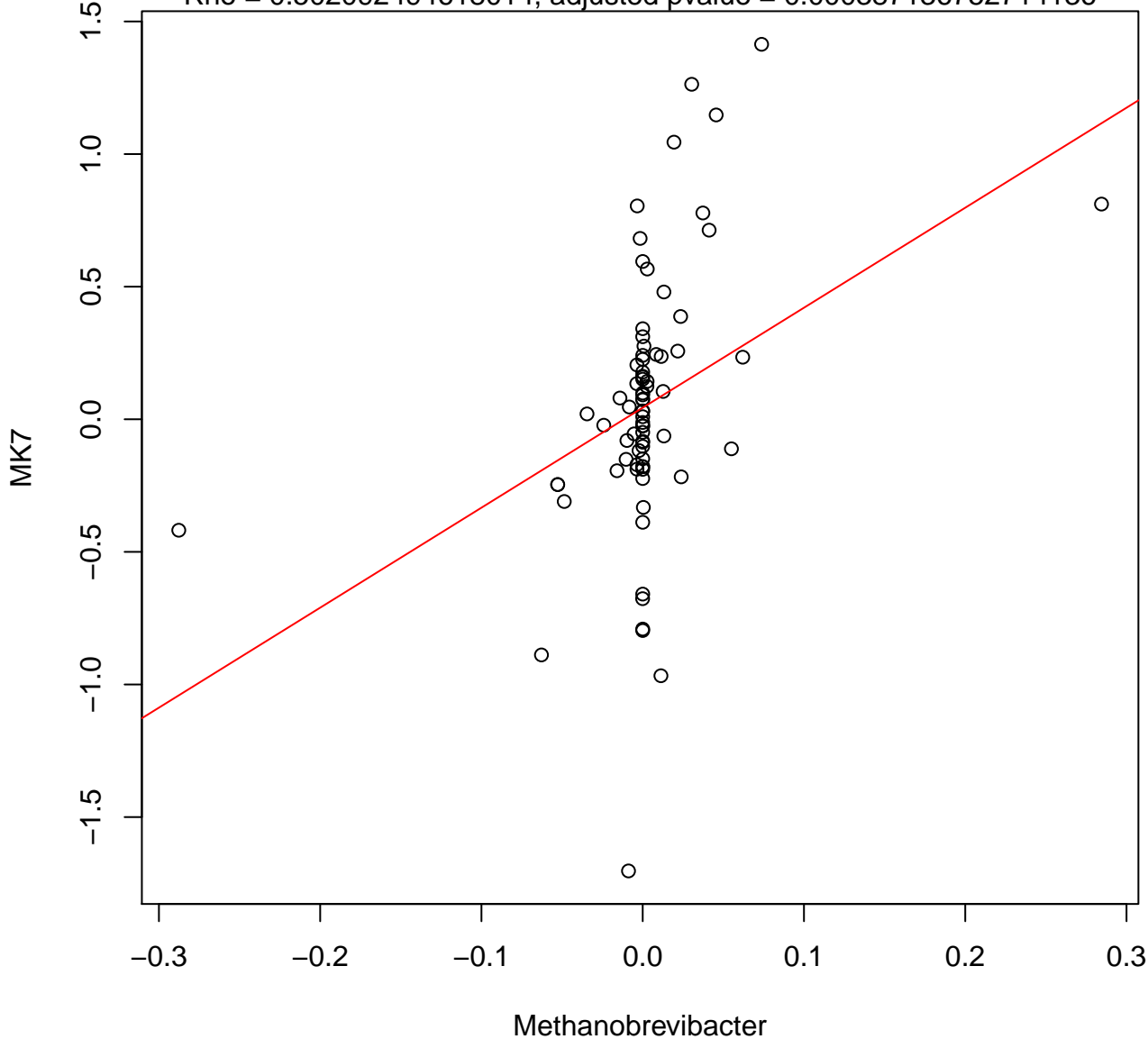
# All groups, Delta MK6 ~ Delta Bacteria

Rho = 0.357206072135913, adjusted pvalue = 0.168395453156571



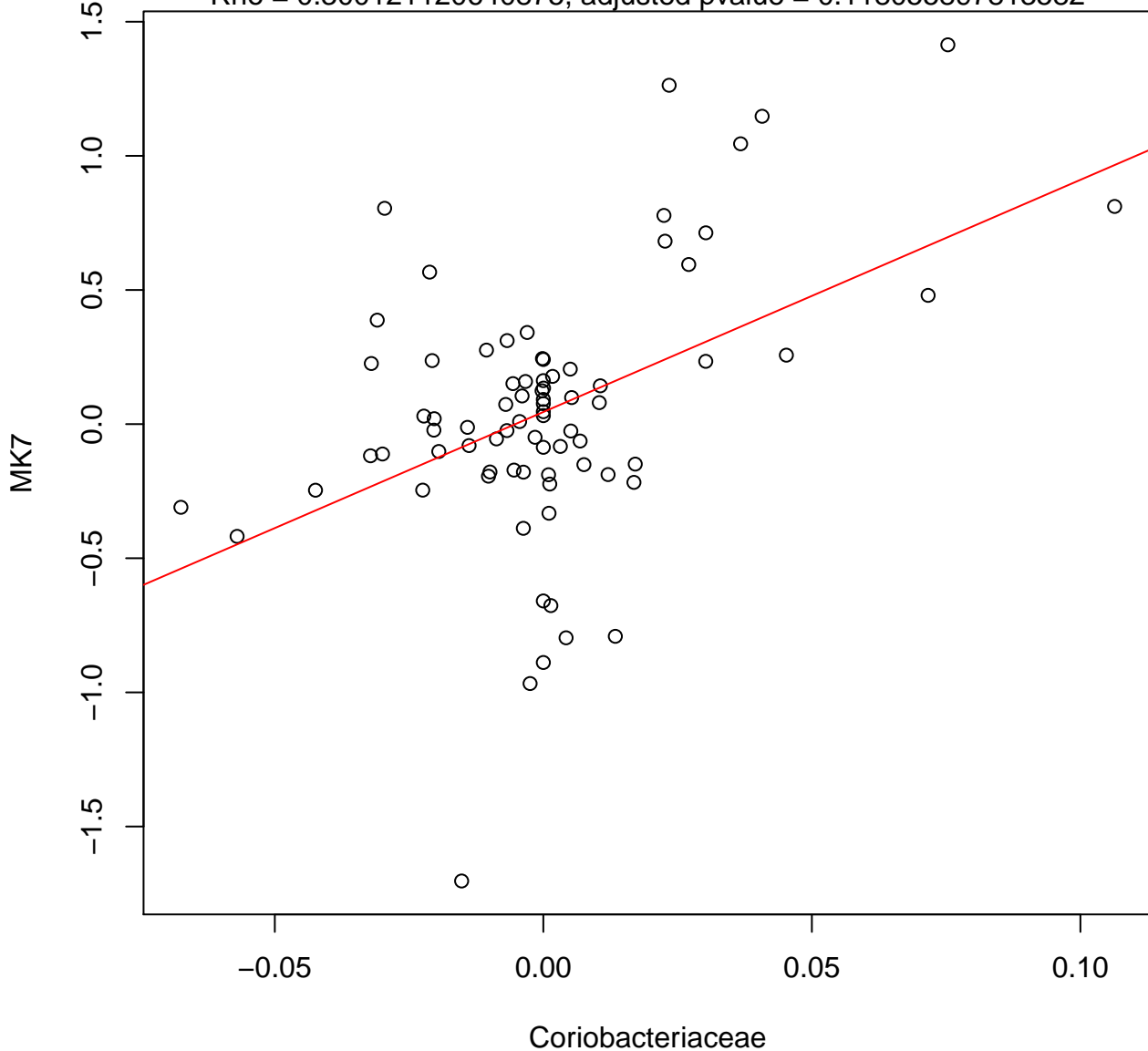
# All groups, Delta MK7 ~ Delta Methanobrevibacter

Rho = 0.502092494618014, adjusted pvalue = 0.000387136752714136



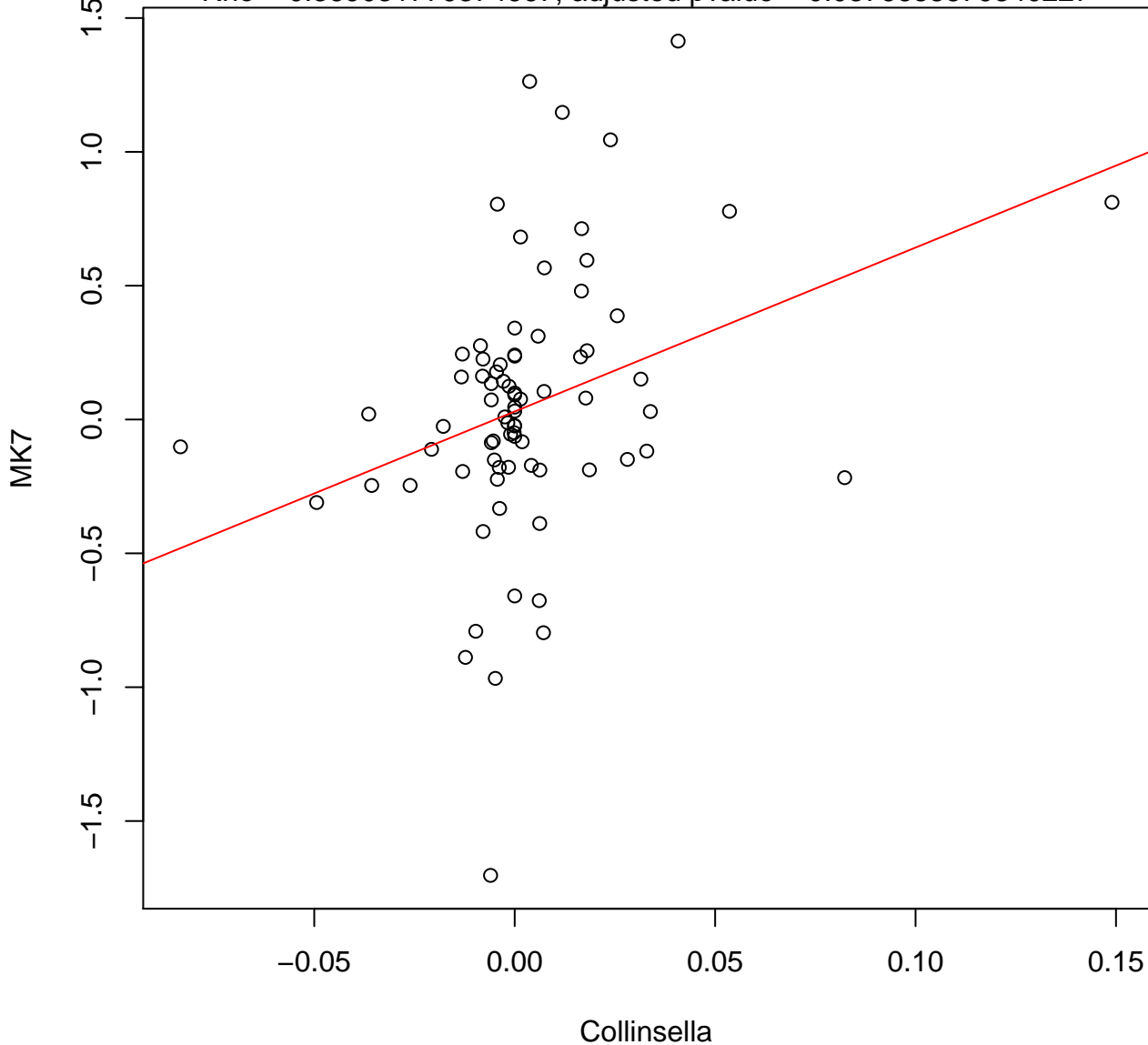
# All groups, Delta MK7 ~ Delta Coriobacteriaceae

Rho = 0.300121120640875, adjusted pvalue = 0.118055897813582



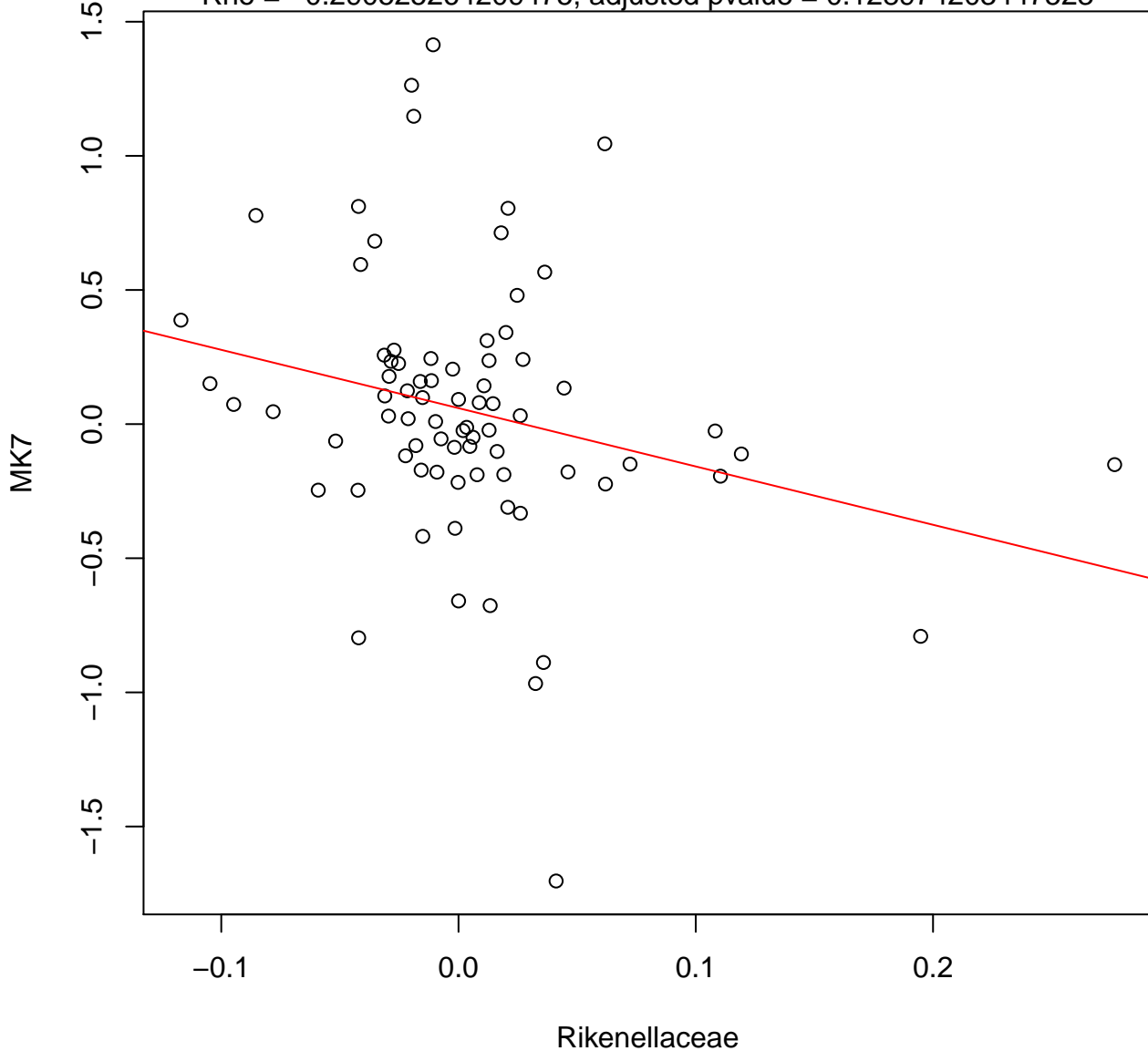
# All groups, Delta MK7 ~ Delta Collinsella

Rho = 0.369031779374667, adjusted pvalue = 0.0376688879840227



# All groups, Delta MK7 ~ Delta Rikenellaceae

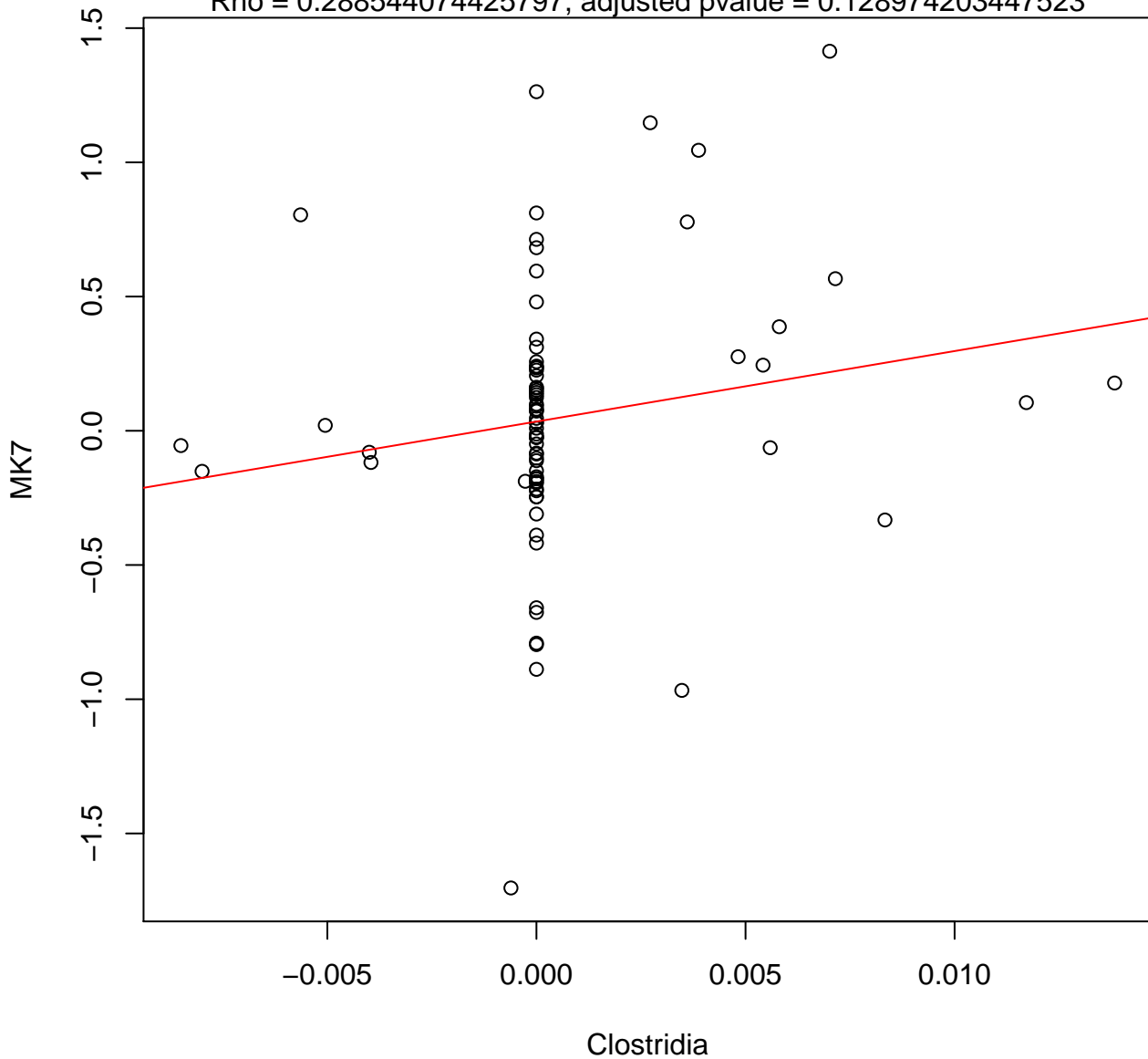
Rho =  $-0.290525264209475$ , adjusted pvalue =  $0.128974203447523$





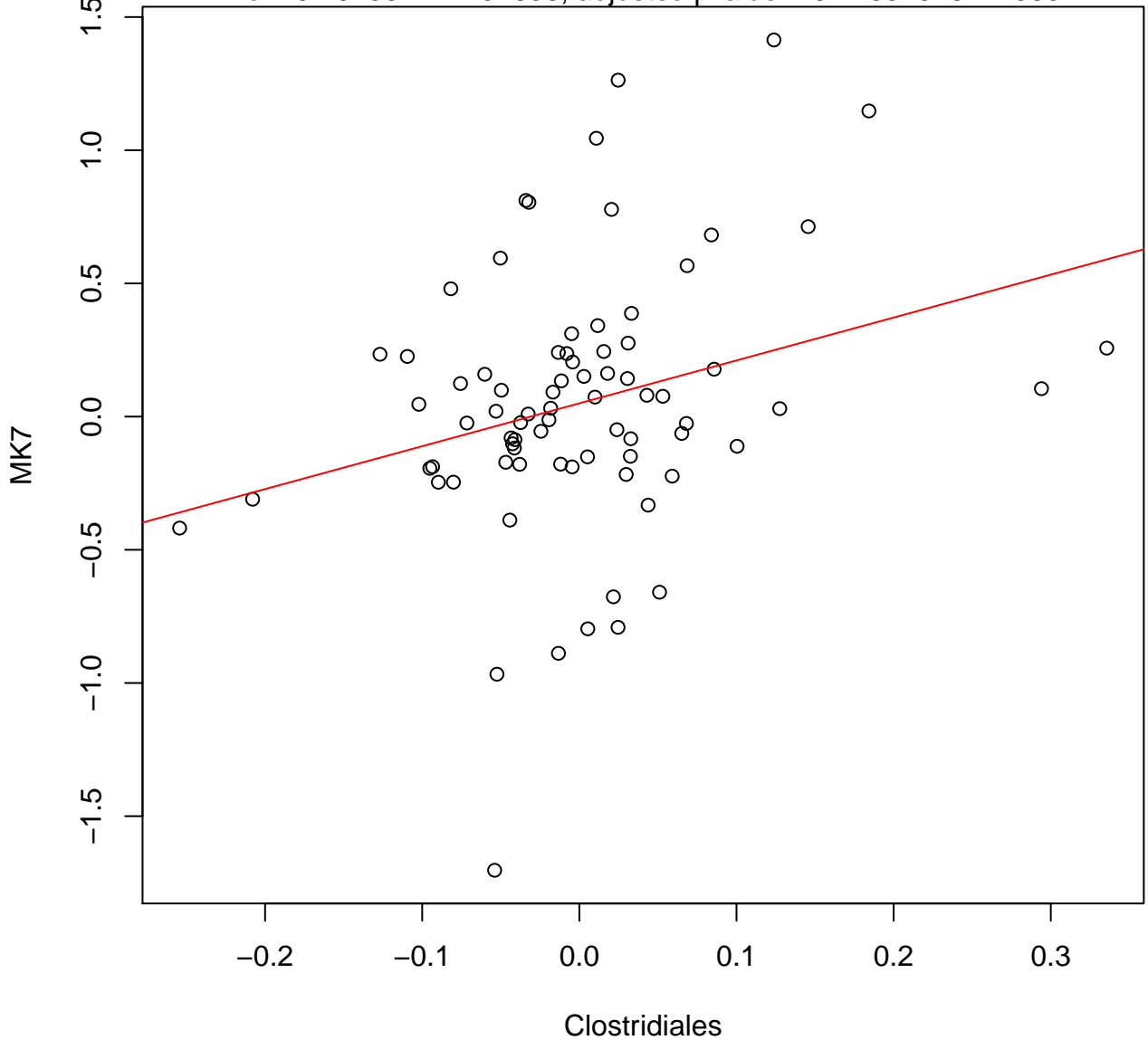
# All groups, Delta MK7 ~ Delta Clostridia

Rho = 0.288544074425797, adjusted pvalue = 0.128974203447523



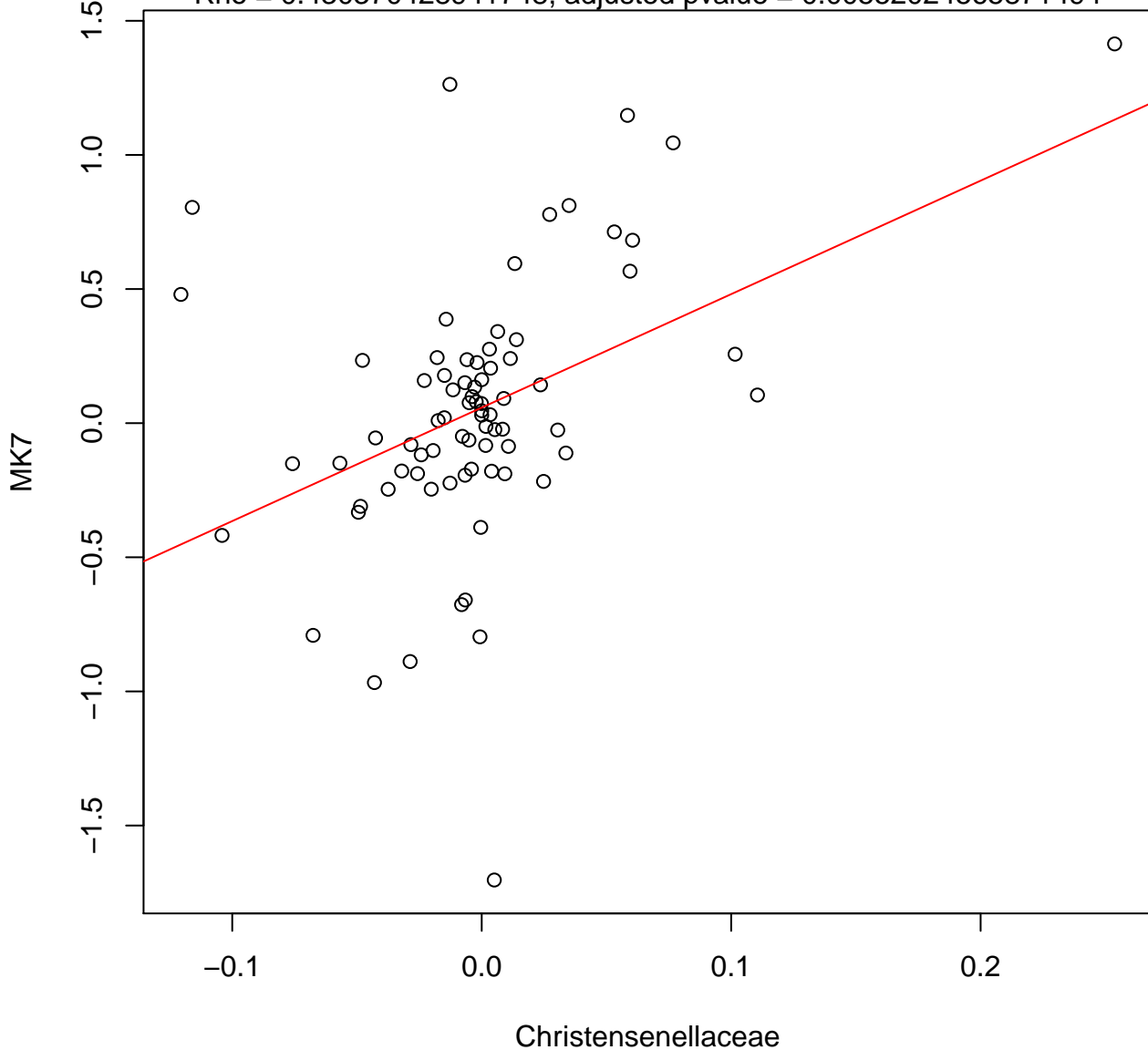
# All groups, Delta MK7 ~ Delta Clostridiales

Rho = 0.267364214732636, adjusted pvalue = 0.178328264223637



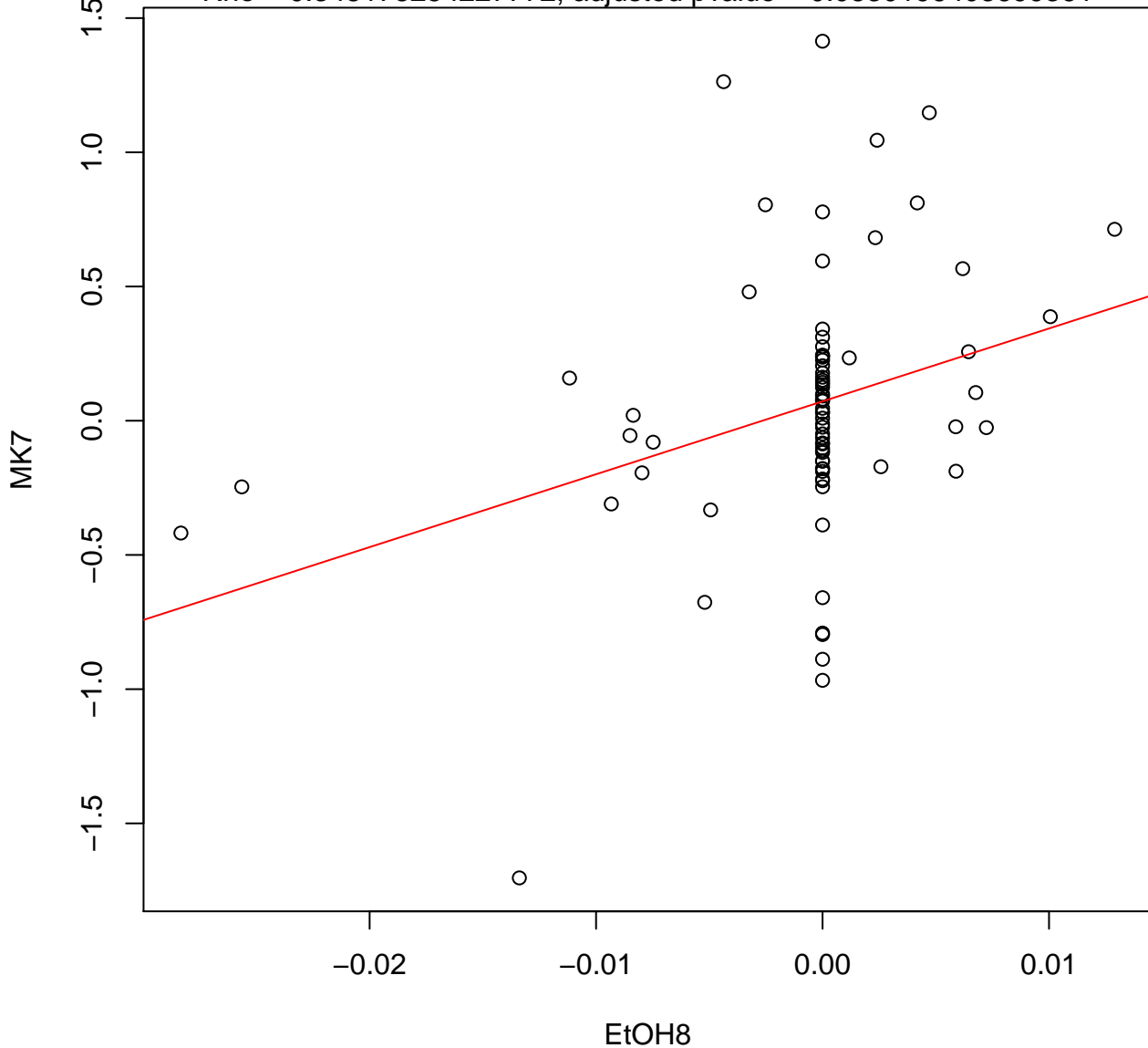
# All groups, Delta MK7 ~ Delta Christensenellaceae

Rho = 0.430370428941748, adjusted pvalue = 0.00552024565871494



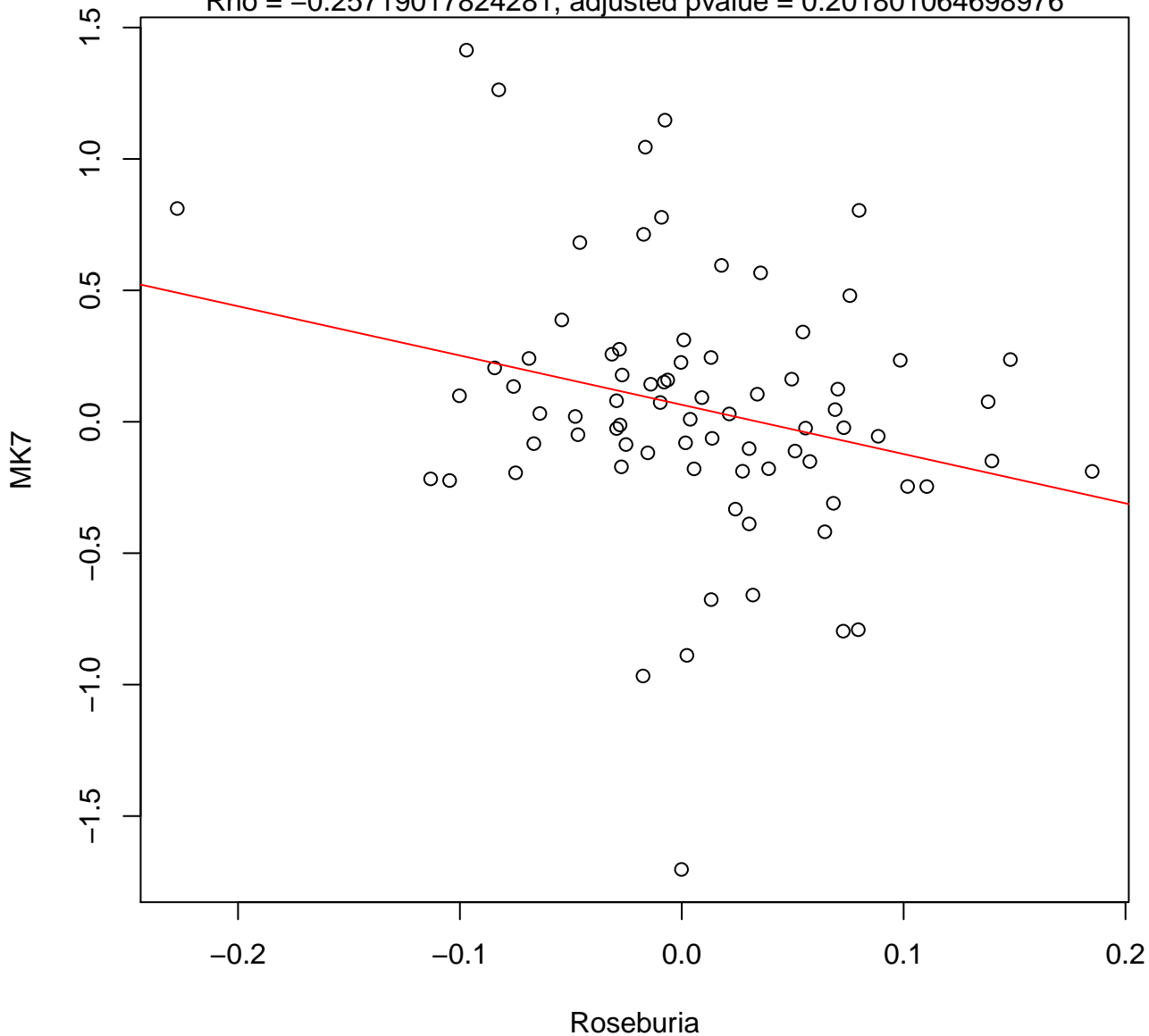
# All groups, Delta MK7 ~ Delta EtOH8

Rho = 0.348175254227772, adjusted pvalue = 0.0530196403699361



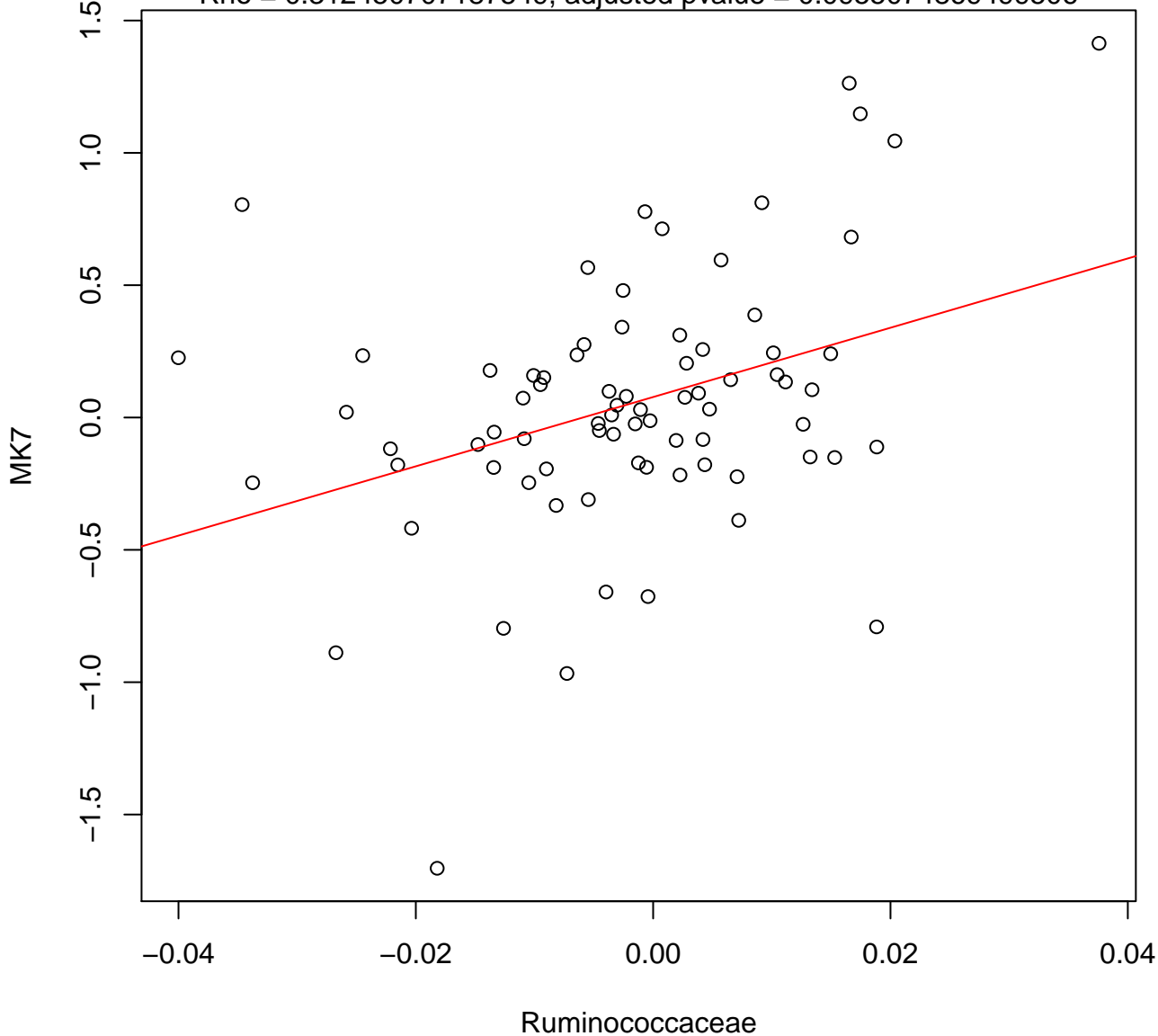
# All groups, Delta MK7 ~ Delta Roseburia

Rho =  $-0.25719017824281$ , adjusted pvalue =  $0.201801064698976$



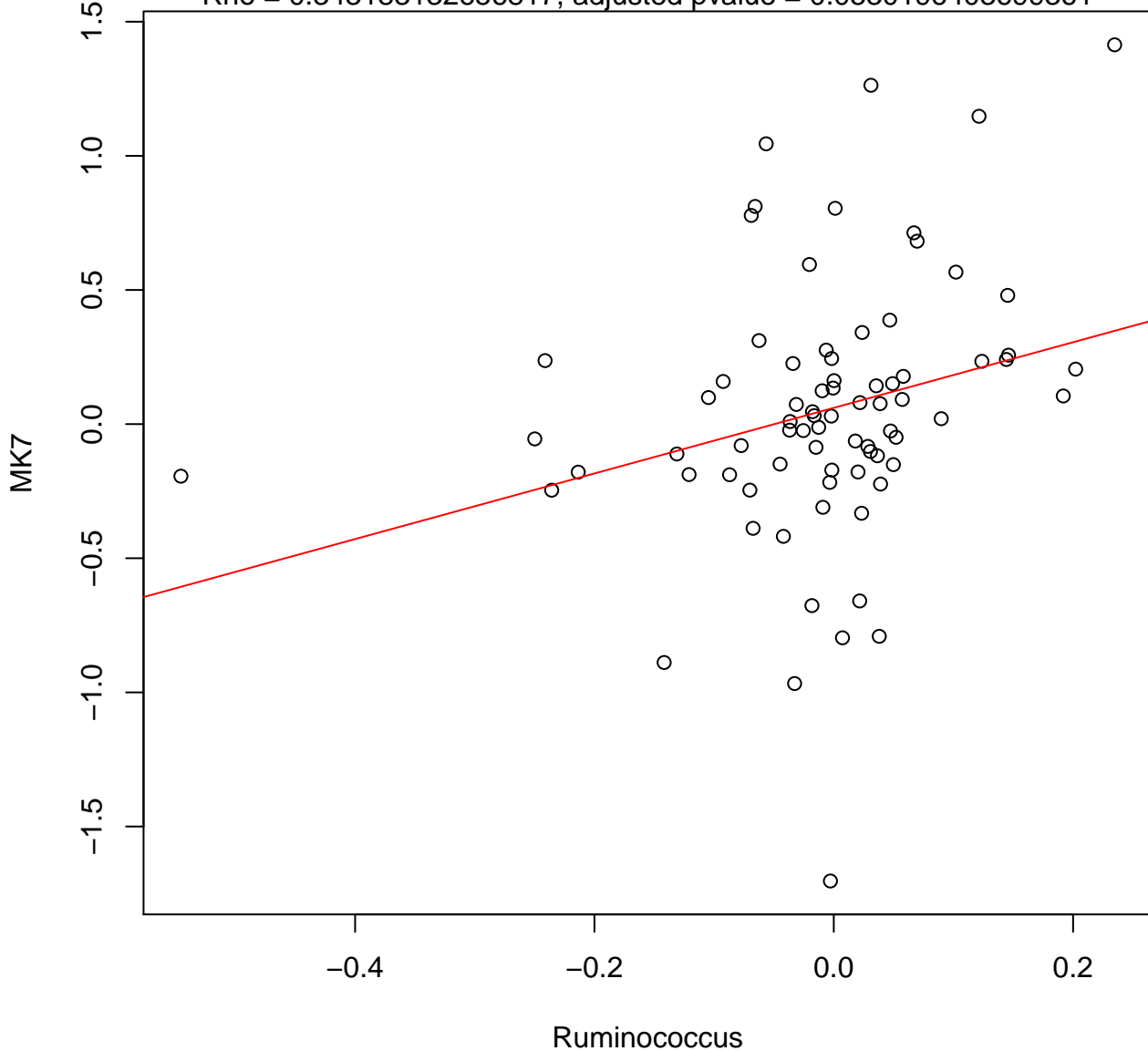
# All groups, Delta MK7 ~ Delta Ruminococcaceae

Rho = 0.312450707187549, adjusted pvalue = 0.0955074869499506



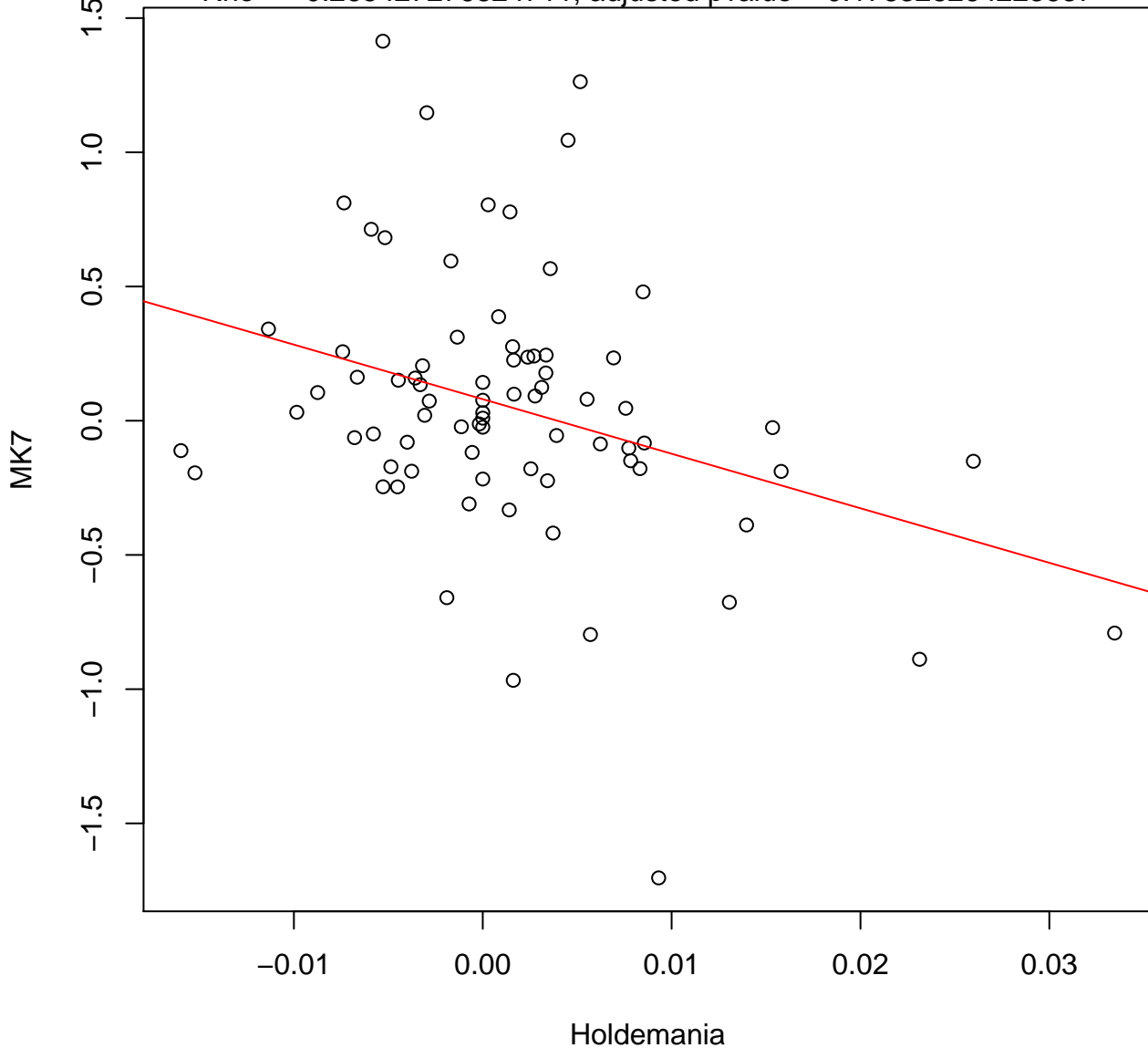
# All groups, Delta MK7 ~ Delta Ruminococcus

Rho = 0.343183132656817, adjusted pvalue = 0.0530196403699361



# All groups, Delta MK7 ~ Delta Holdemania

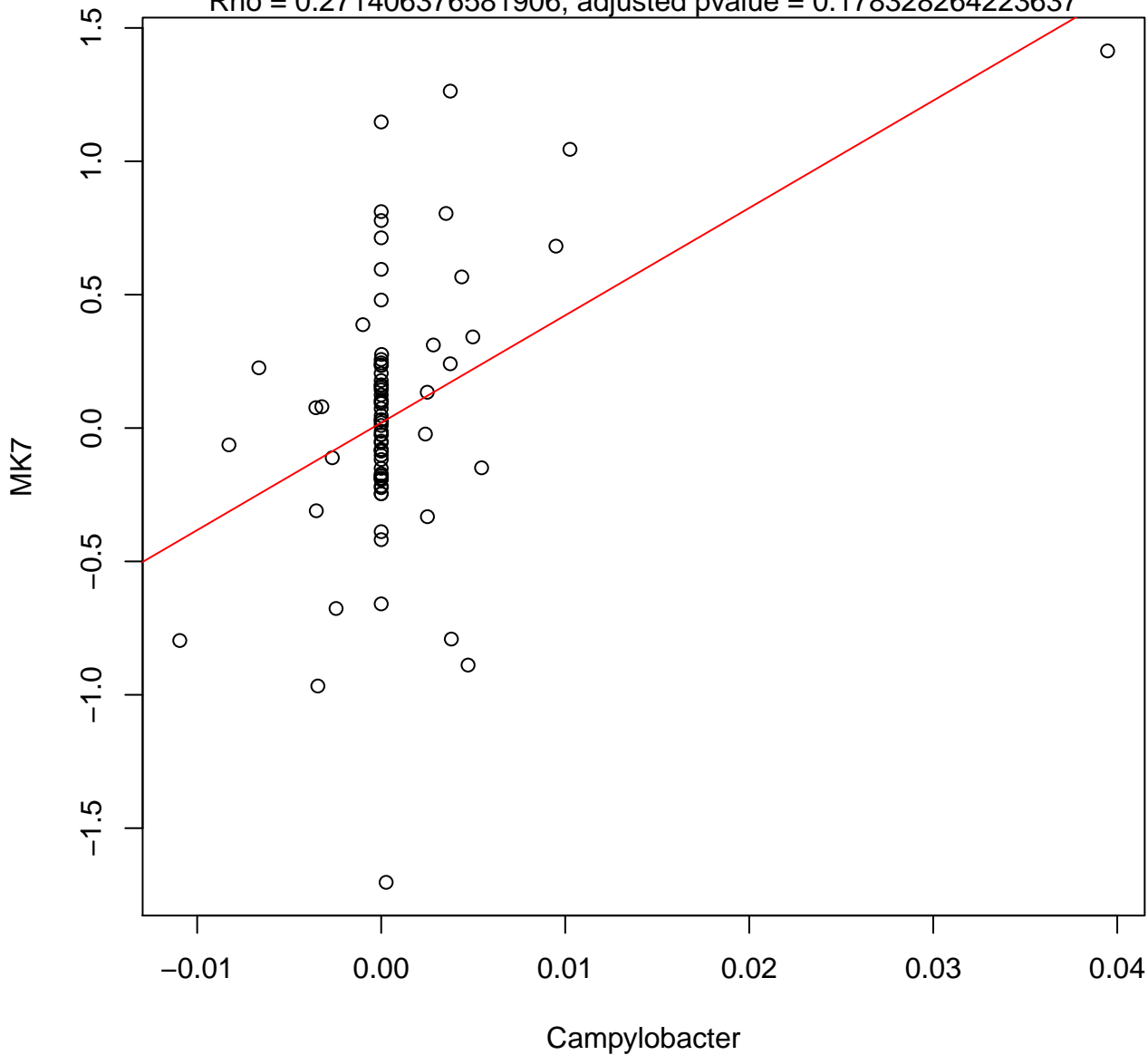
Rho =  $-0.265427276824711$ , adjusted pvalue =  $0.178328264223637$





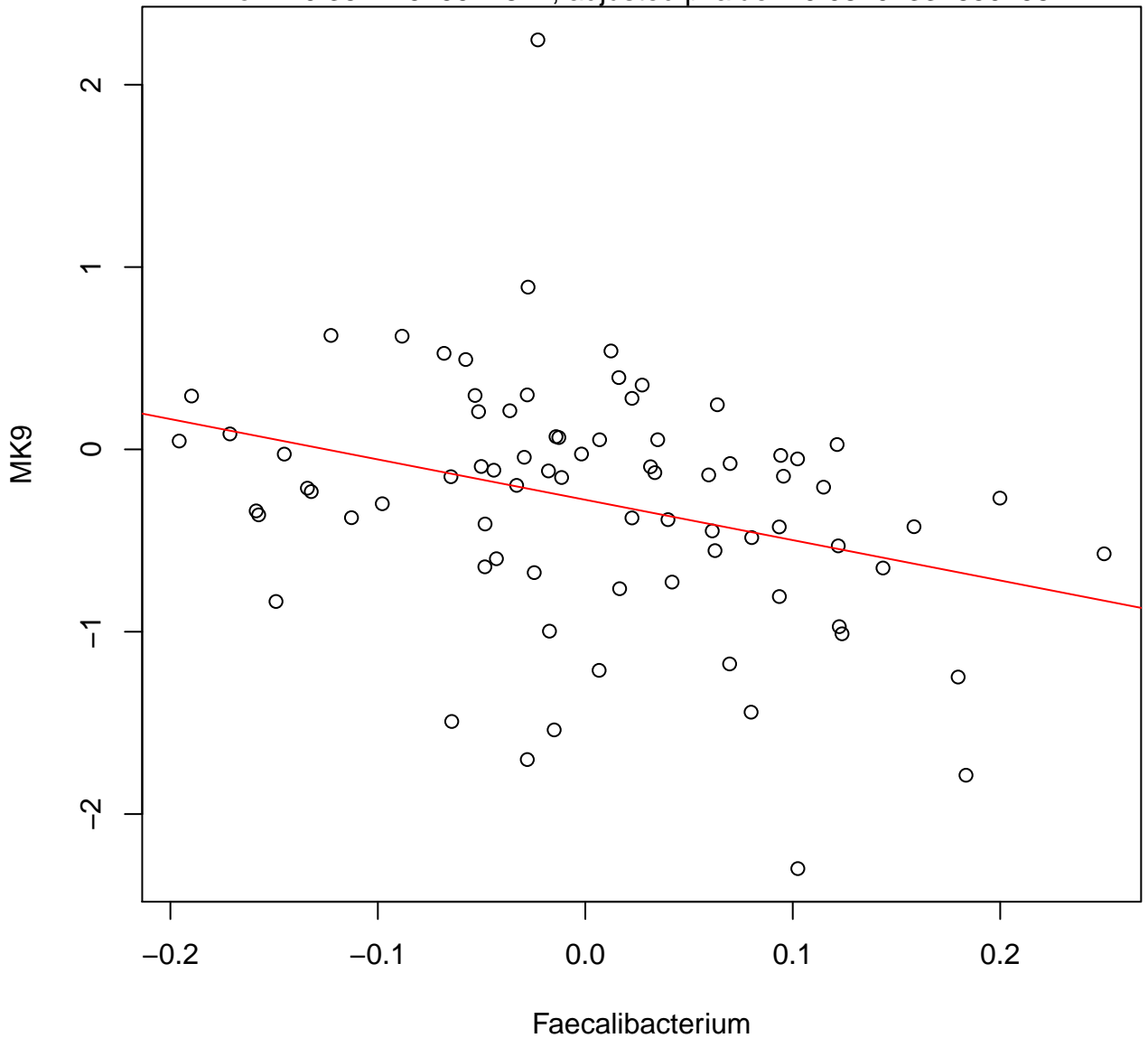
# All groups, Delta MK7 ~ Delta Campylobacter

Rho = 0.271406376581906, adjusted pvalue = 0.178328264223637



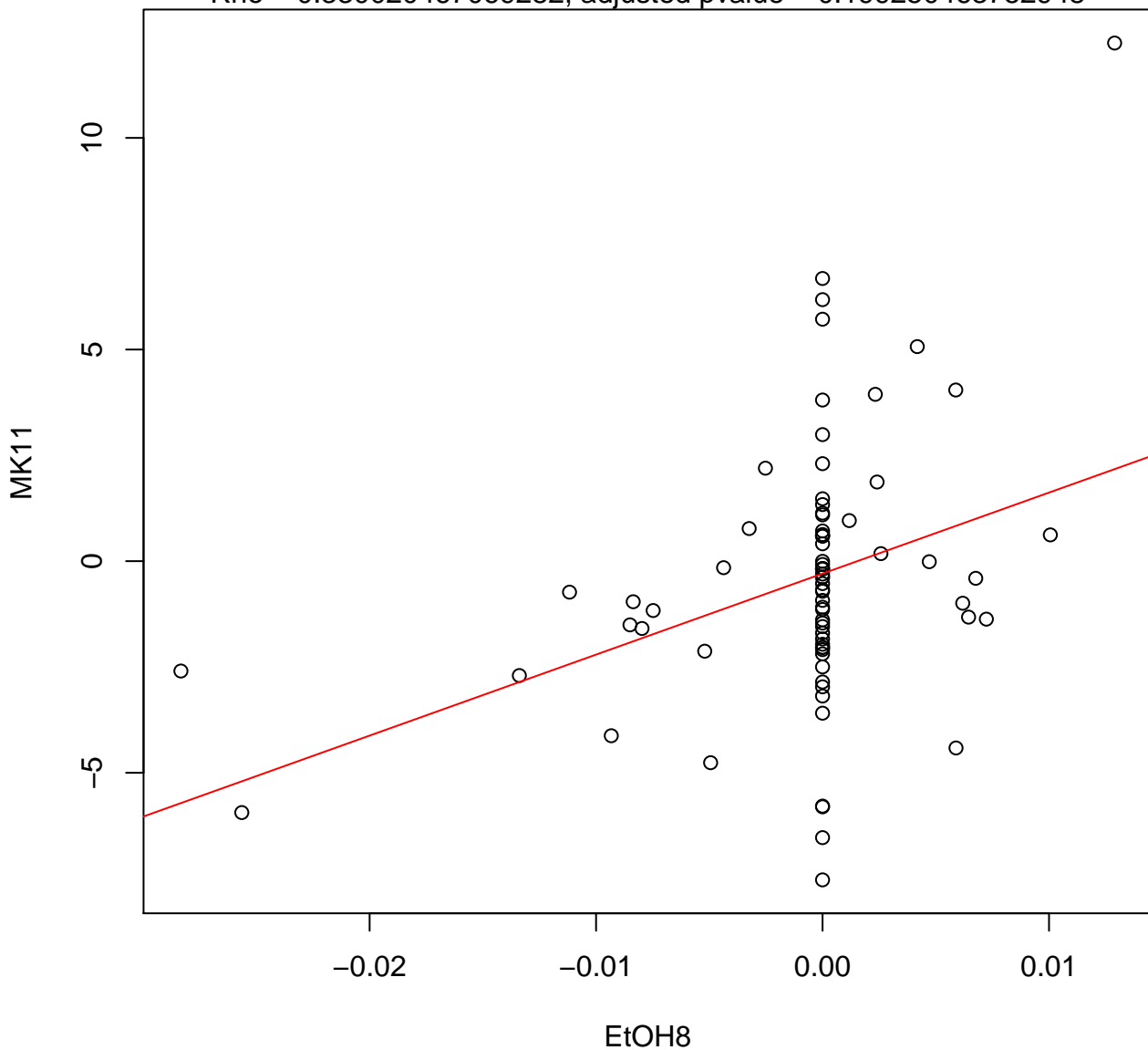
# All groups, Delta MK9 ~ Delta Faecalibacterium

Rho =  $-0.35177979914822$ , adjusted pvalue =  $0.0810133765049822$



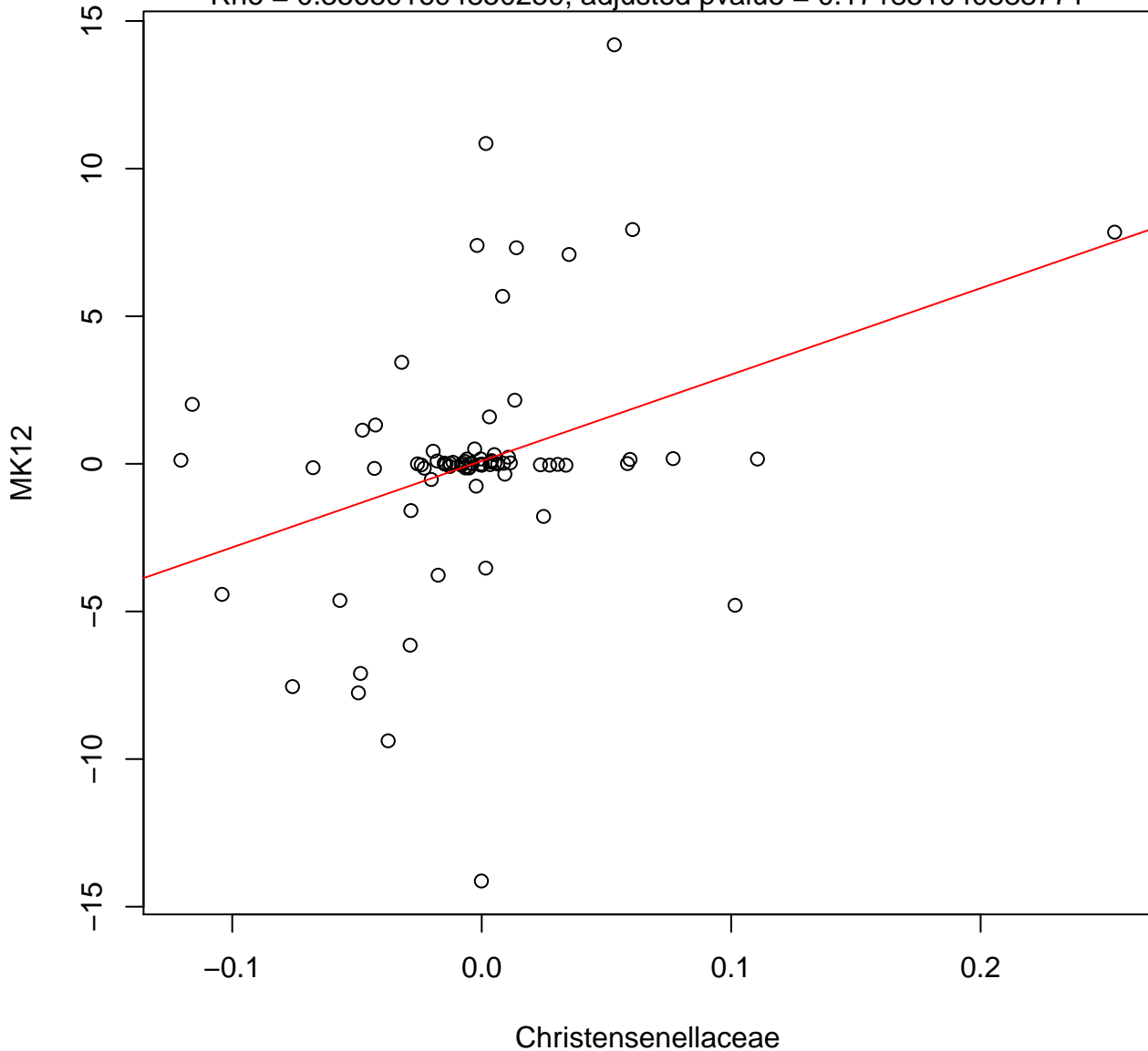
# All groups, Delta MK11 ~ Delta EtOH8

Rho = 0.330020467069282, adjusted pvalue = 0.199250463752948



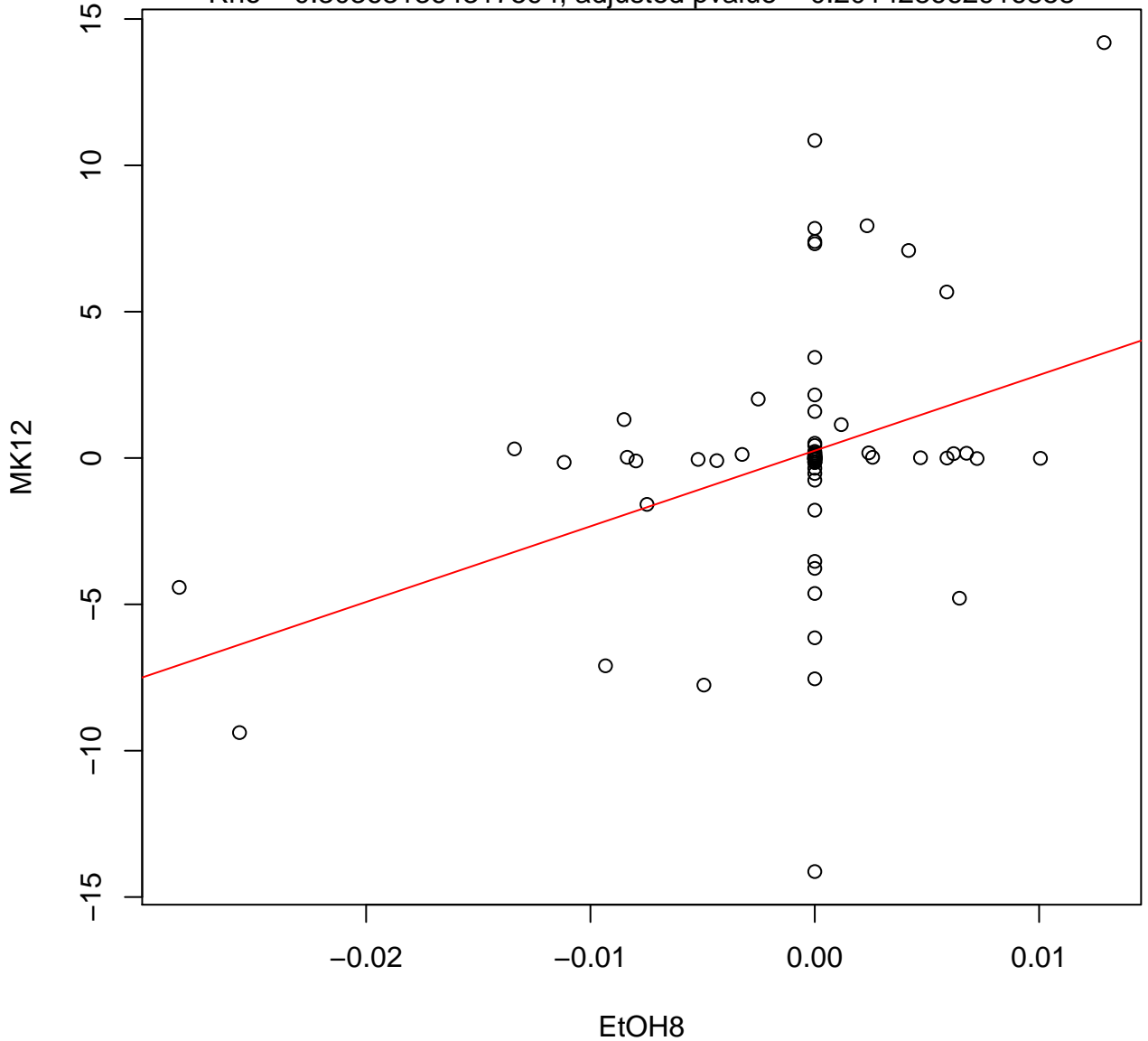
# All groups, Delta MK12 ~ Delta Christensenellaceae

Rho = 0.356591694850259, adjusted pvalue = 0.171851040888771



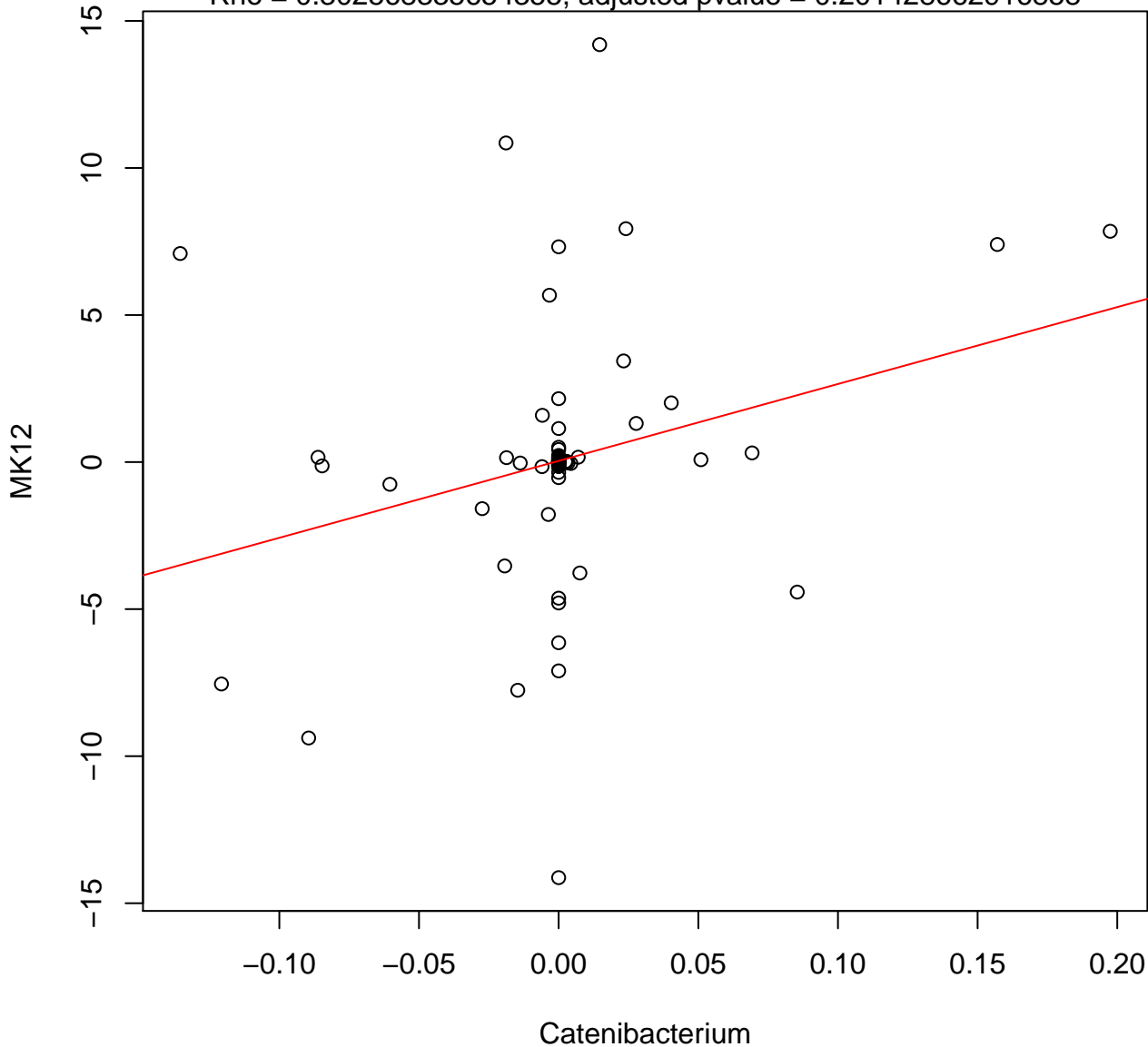
## All groups, Delta MK12 ~ Delta EtOH8

Rho = 0.303631364317594, adjusted pvalue = 0.201428662916858



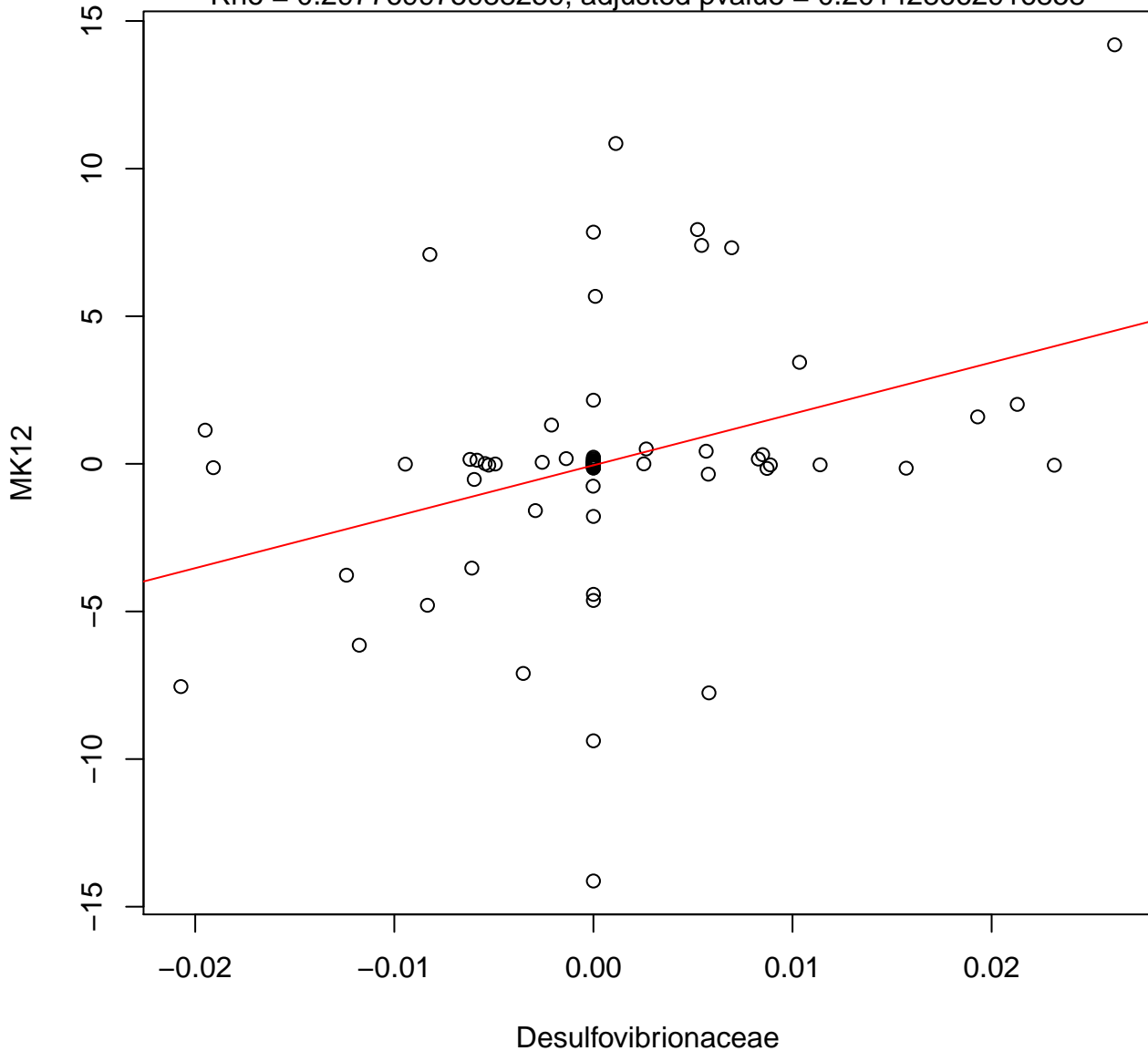
## All groups, Delta MK12 ~ Delta Catenibacterium

Rho = 0.302568335654355, adjusted pvalue = 0.201428662916858



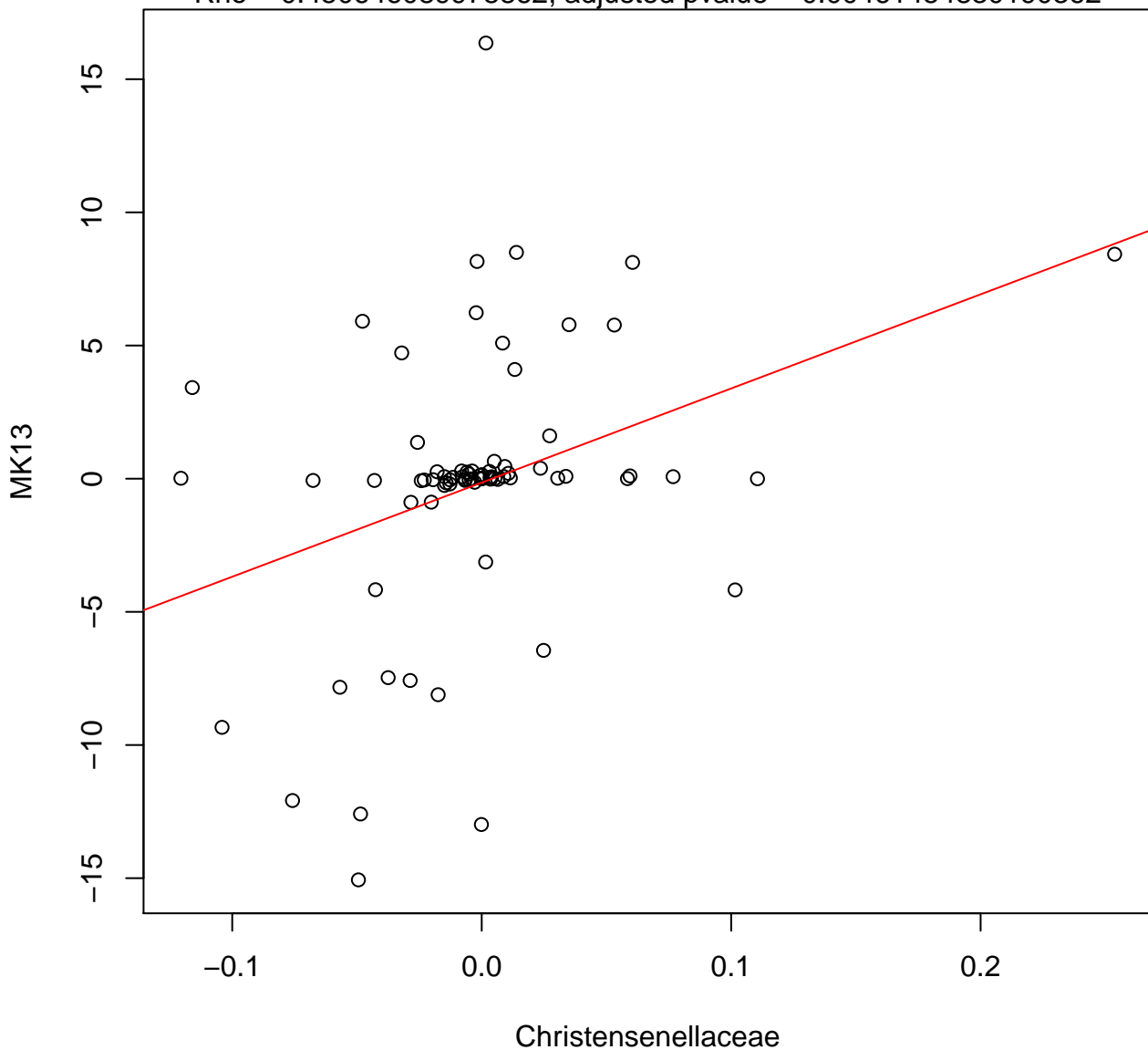
# All groups, Delta MK12 ~ Delta Desulfovibrionaceae

Rho = 0.297769975988259, adjusted pvalue = 0.201428662916858



# All groups, Delta MK13 ~ Delta Christensenellaceae

Rho = 0.450646089978862, adjusted pvalue = 0.00461454830190362





# All groups, Delta MK13 ~ Delta EtOH8

Rho = 0.287551198606071, adjusted pvalue = 0.184959343844927

