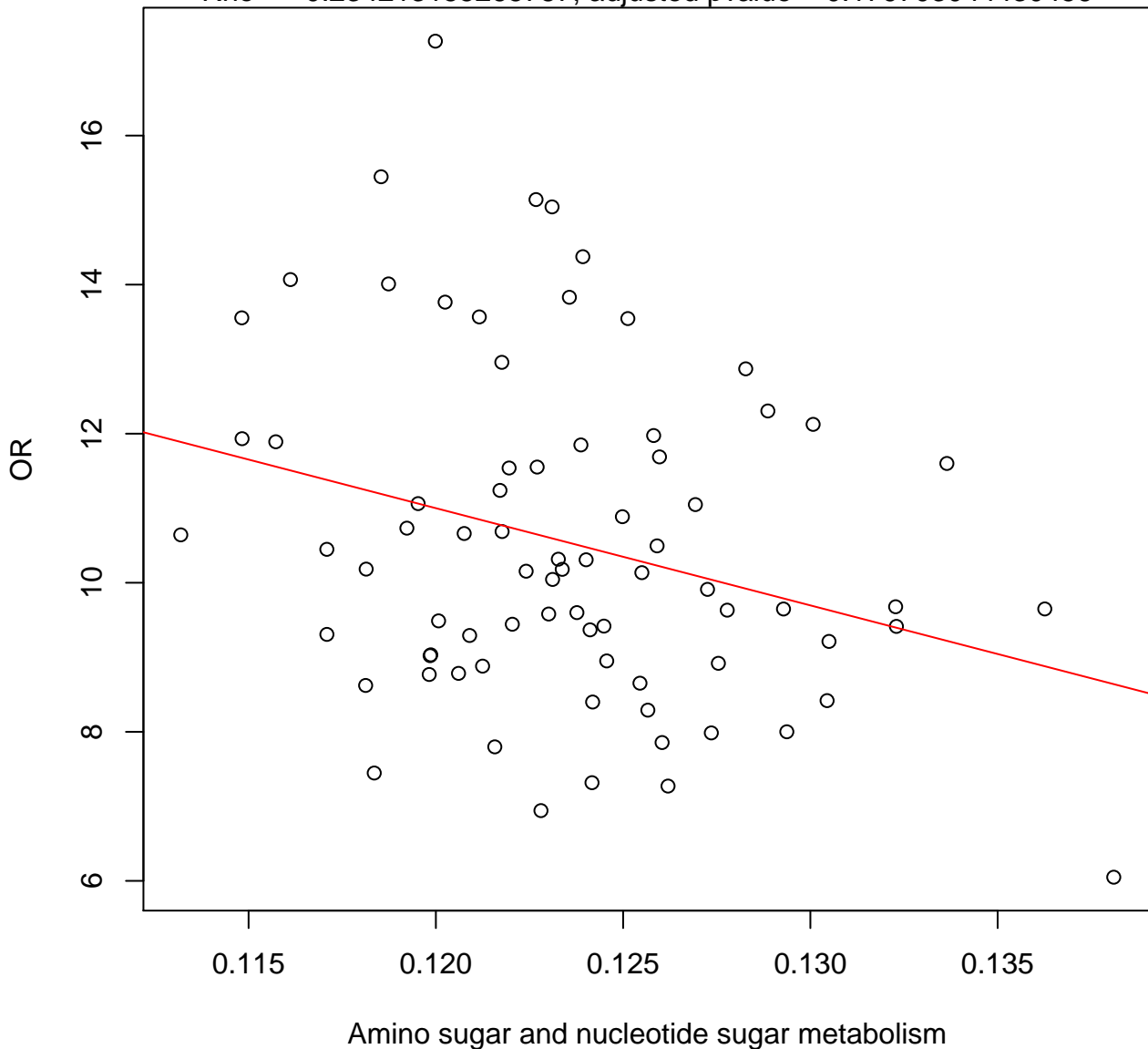


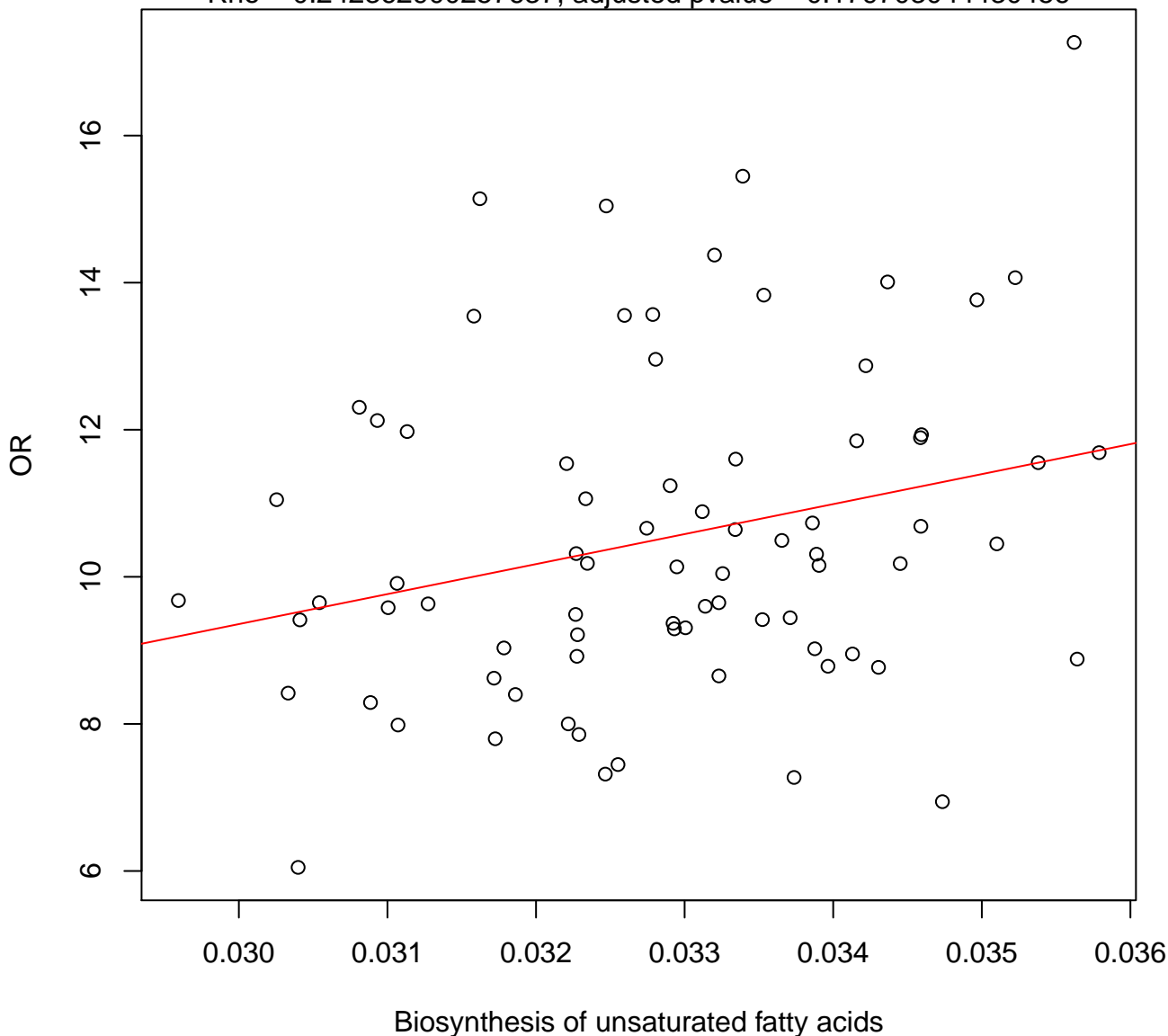
Timepoint 1 , OR ~ Amino sugar and nucleotide sugar metabolism

Rho = -0.234213155265787, adjusted pvalue = 0.179703044430456



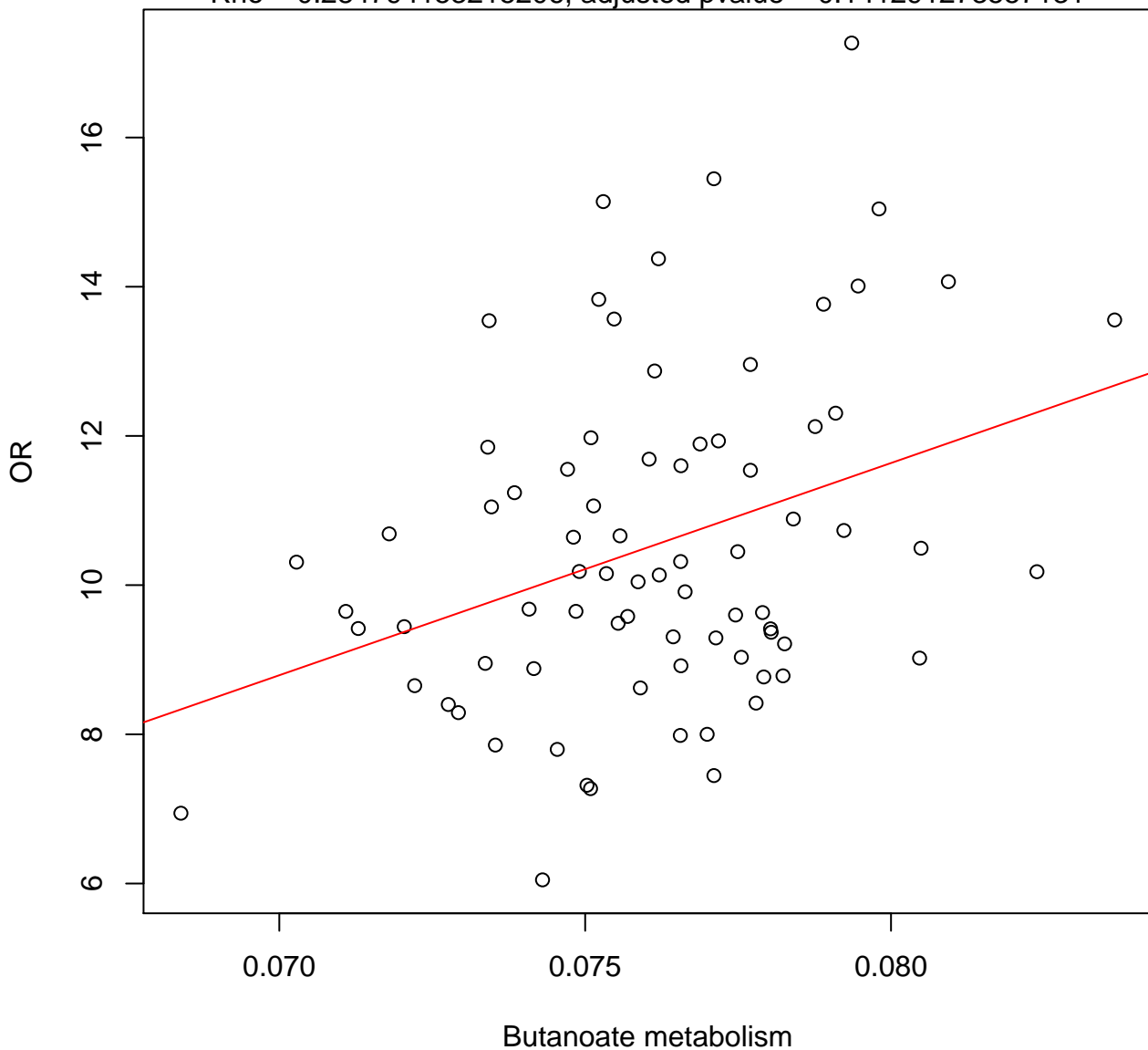
Timepoint 1 , OR ~ Biosynthesis of unsaturated fatty acids

Rho = 0.242362900257637, adjusted pvalue = 0.179703044430456



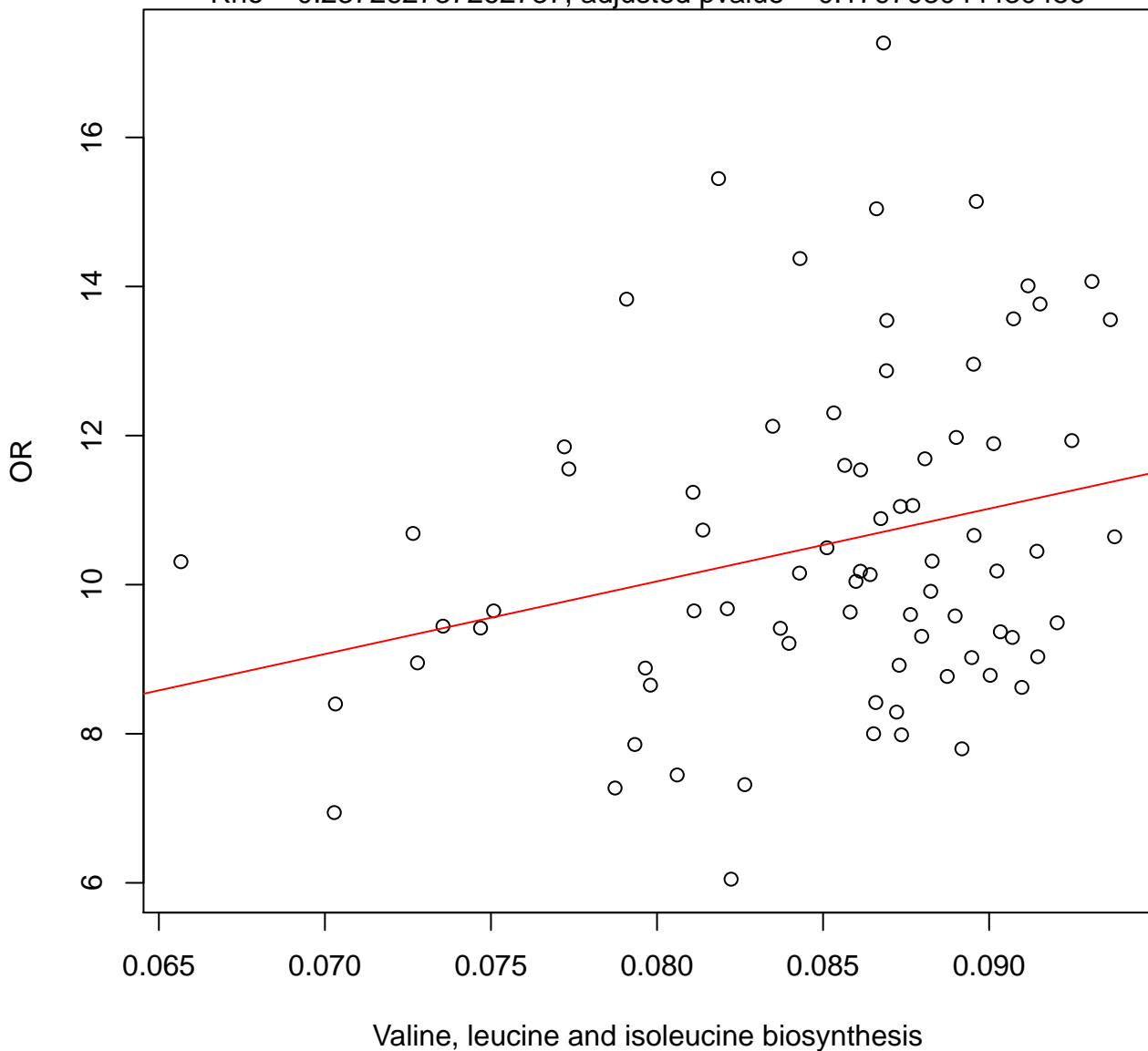
Timepoint 1 , OR ~ Butanoate metabolism

Rho = 0.284794153215206, adjusted pvalue = 0.141291273557131



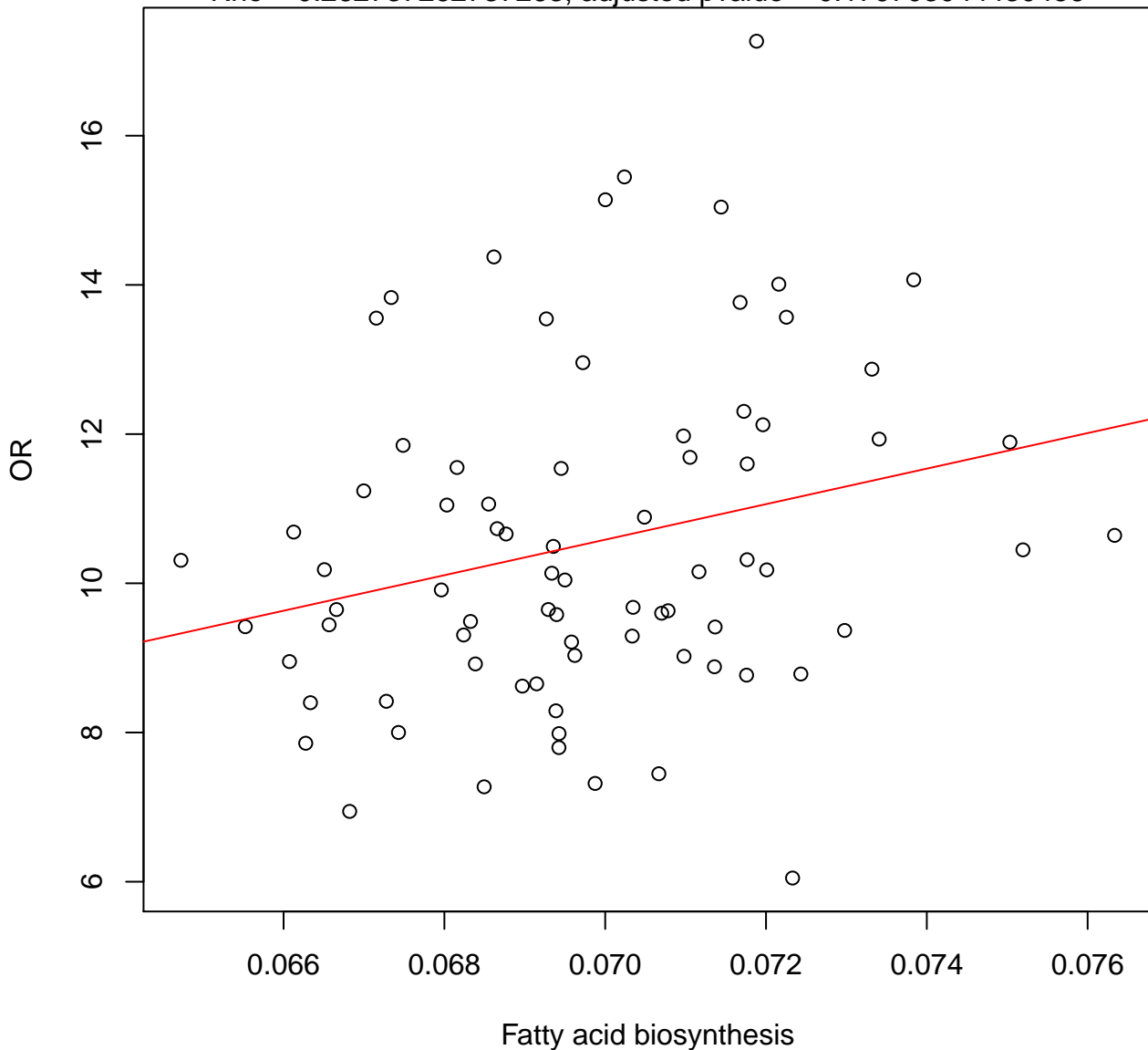
Timepoint 1 , OR ~ Valine, leucine and isoleucine biosynthesis

Rho = 0.237262737262737, adjusted pvalue = 0.179703044430456



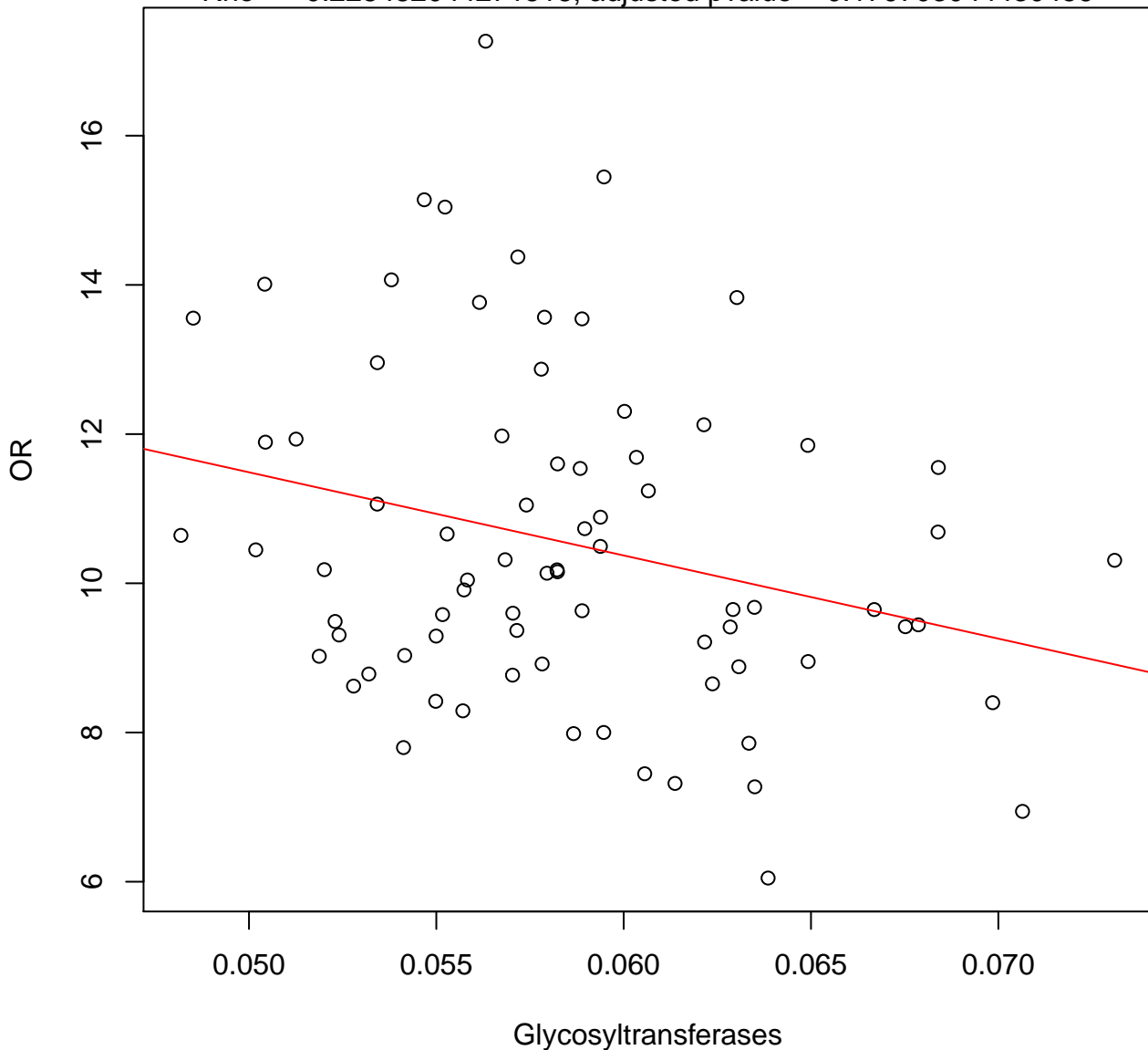
Timepoint 1 , OR ~ Fatty acid biosynthesis

Rho = 0.262737262737263, adjusted pvalue = 0.179703044430456



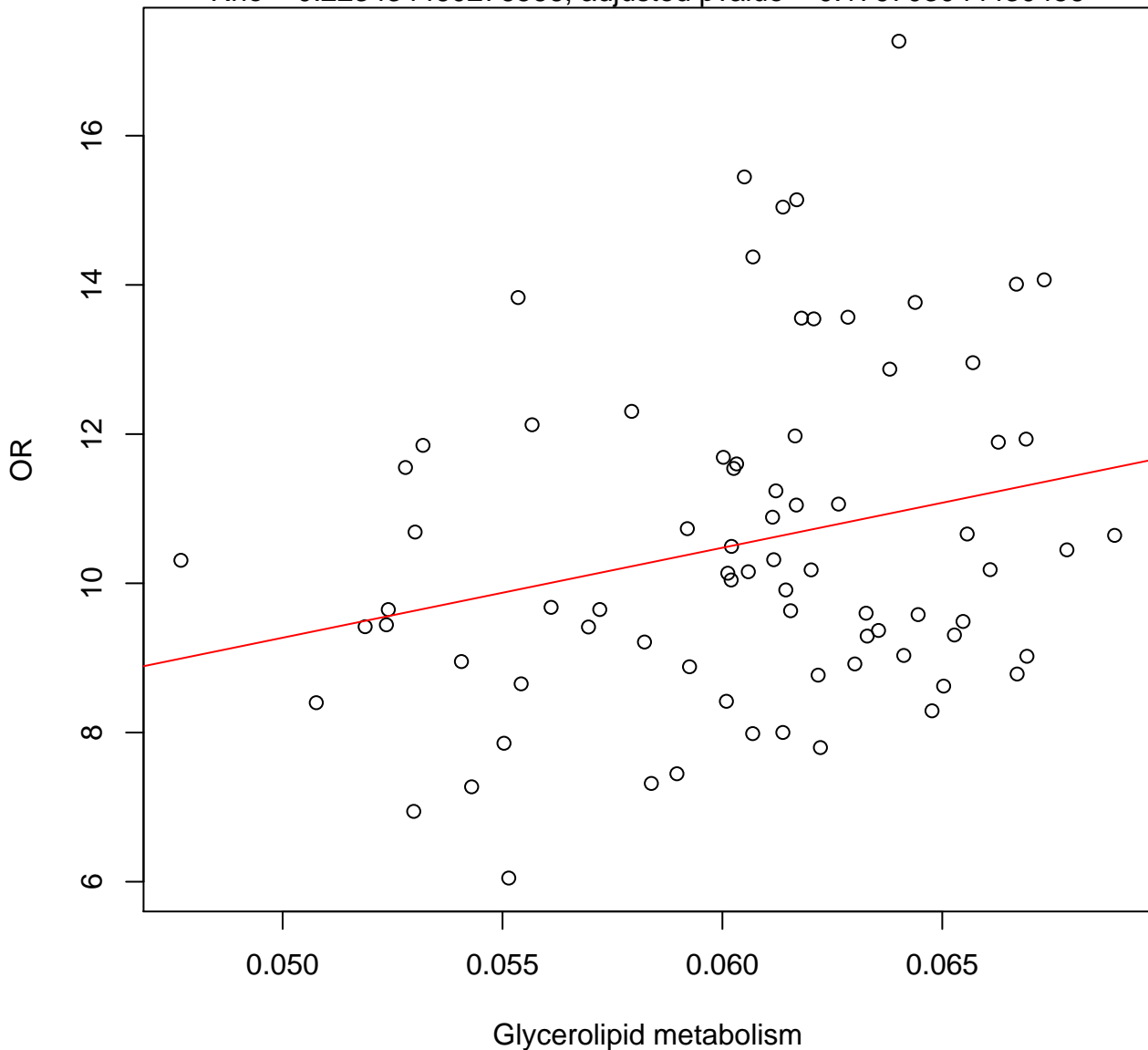
Timepoint 1 , OR ~ Glycosyltransferases

Rho = -0.228482044271518, adjusted pvalue = 0.179703044430456



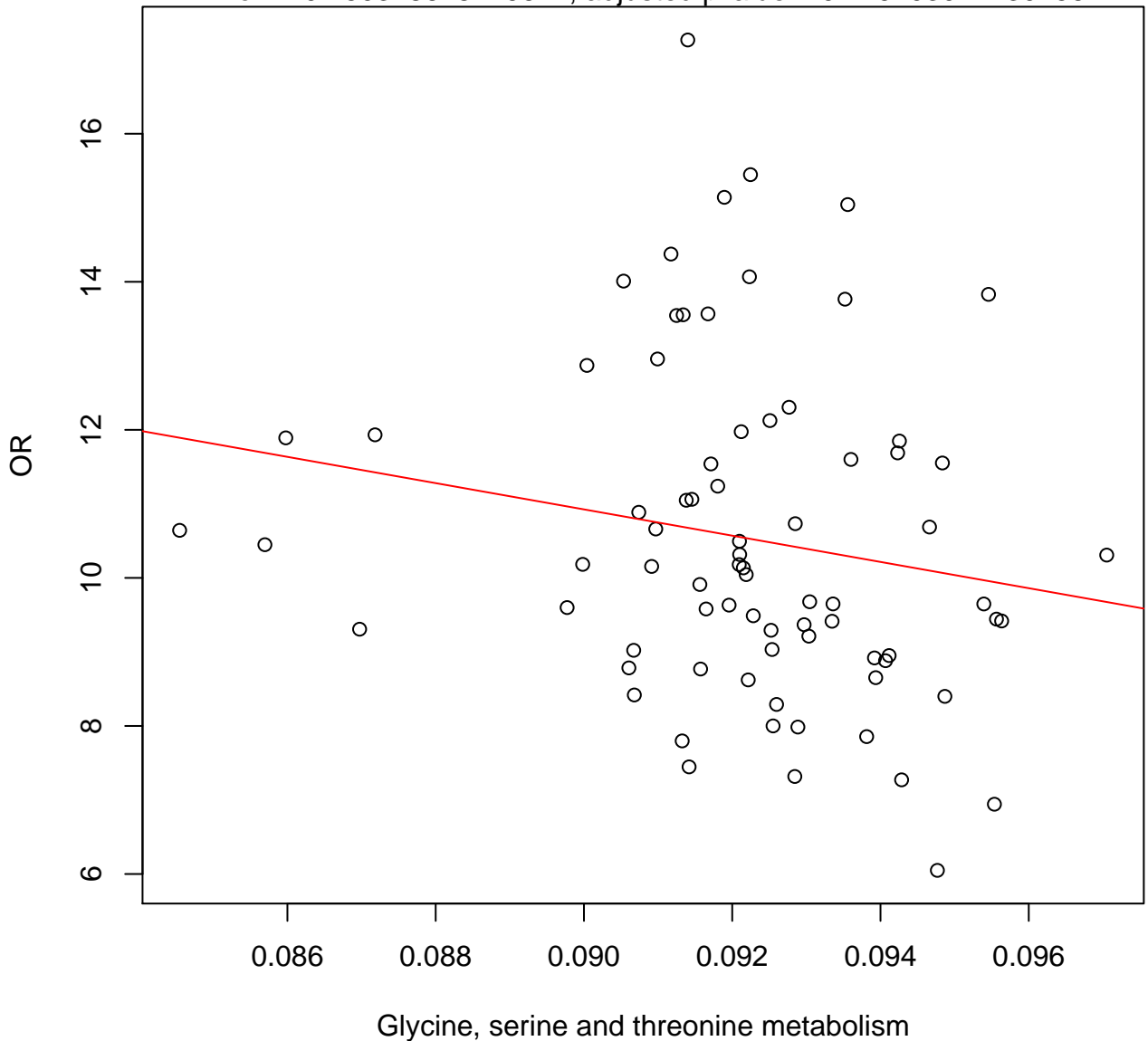
Timepoint 1 , OR ~ Glycerolipid metabolism

Rho = 0.223434460276566, adjusted pvalue = 0.179703044430456



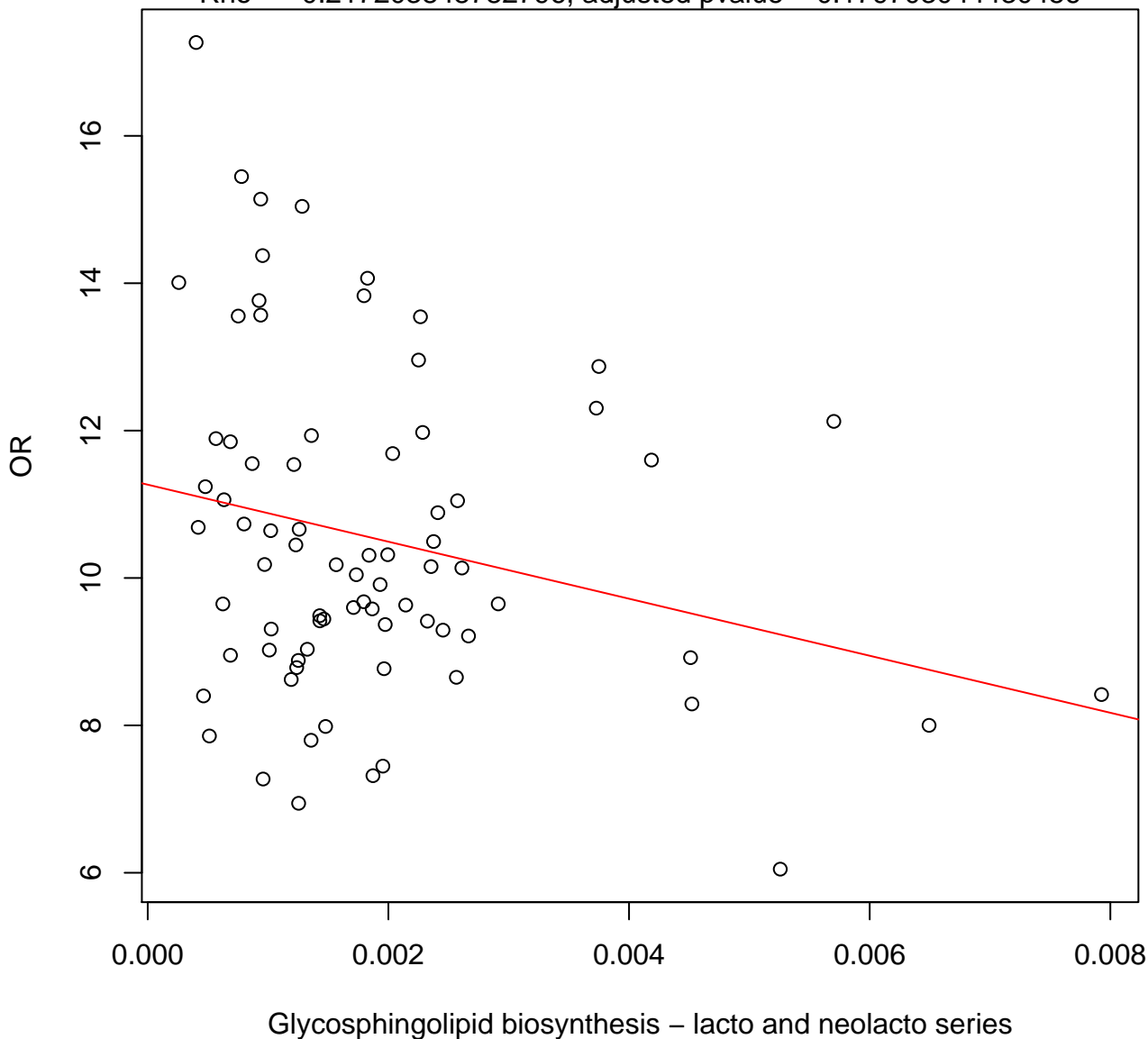
Timepoint 1 , OR ~ Glycine, serine and threonine metabolism

Rho = -0.250328618749671 , adjusted pvalue = 0.179703044430456



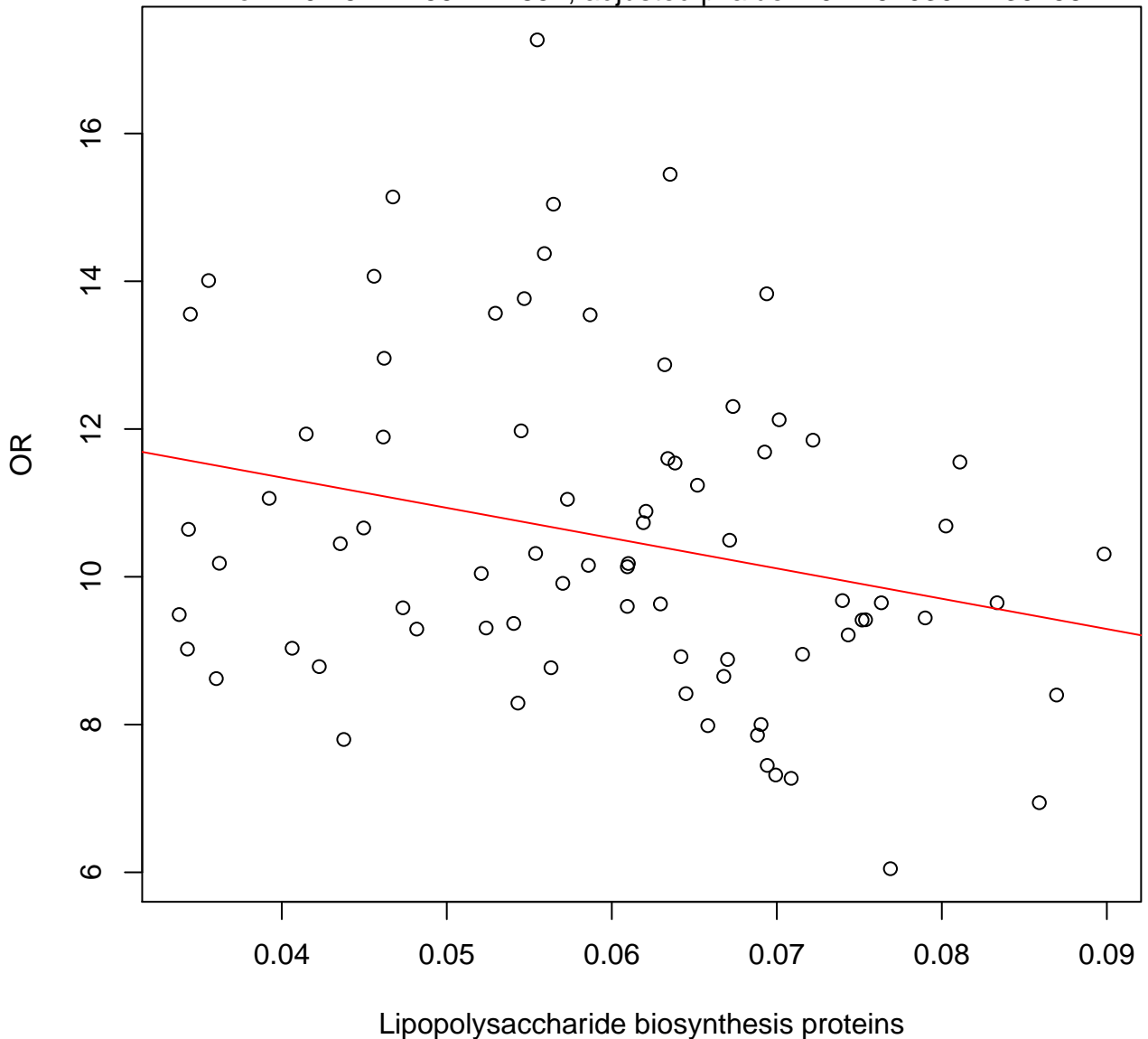
Timepoint 1 , OR ~ Glycosphingolipid biosynthesis – lacto and neolacto series

Rho = -0.217203848782796, adjusted pvalue = 0.179703044430456



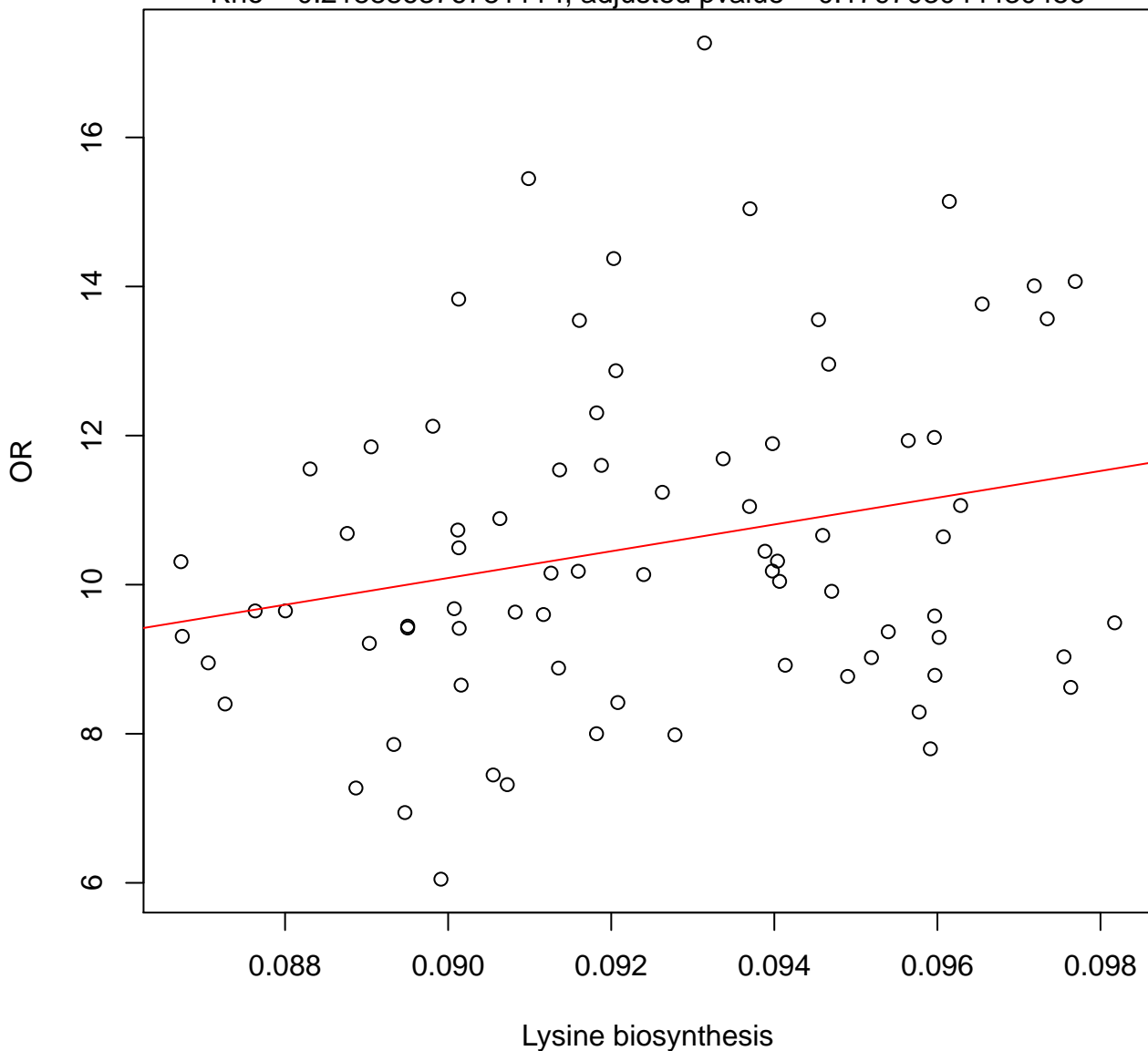
Timepoint 1 , OR ~ Lipopolysaccharide biosynthesis proteins

Rho = -0.252142594247857 , adjusted pvalue = 0.179703044430456



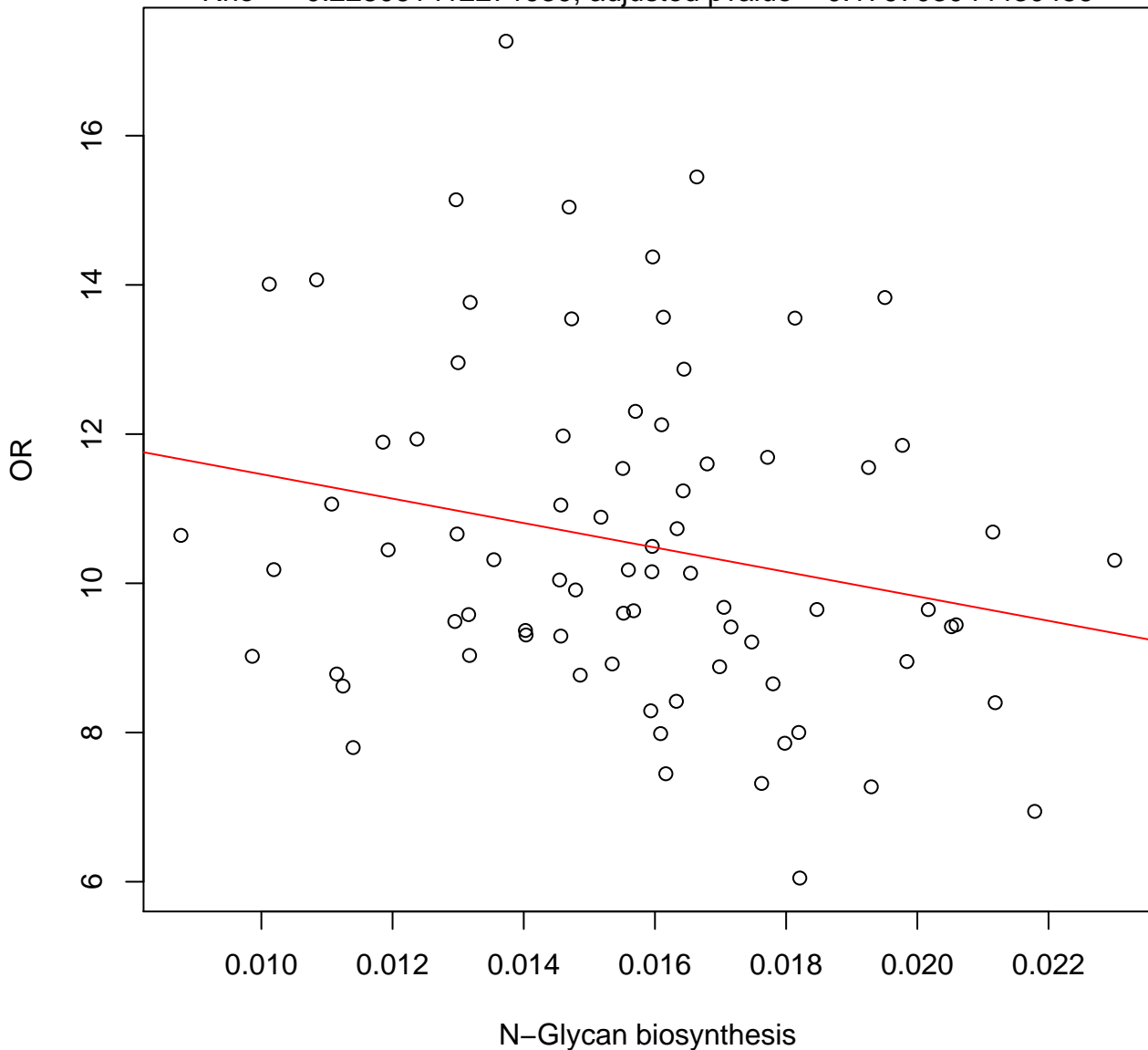
Timepoint 1 , OR ~ Lysine biosynthesis

Rho = 0.218886376781114, adjusted pvalue = 0.179703044430456



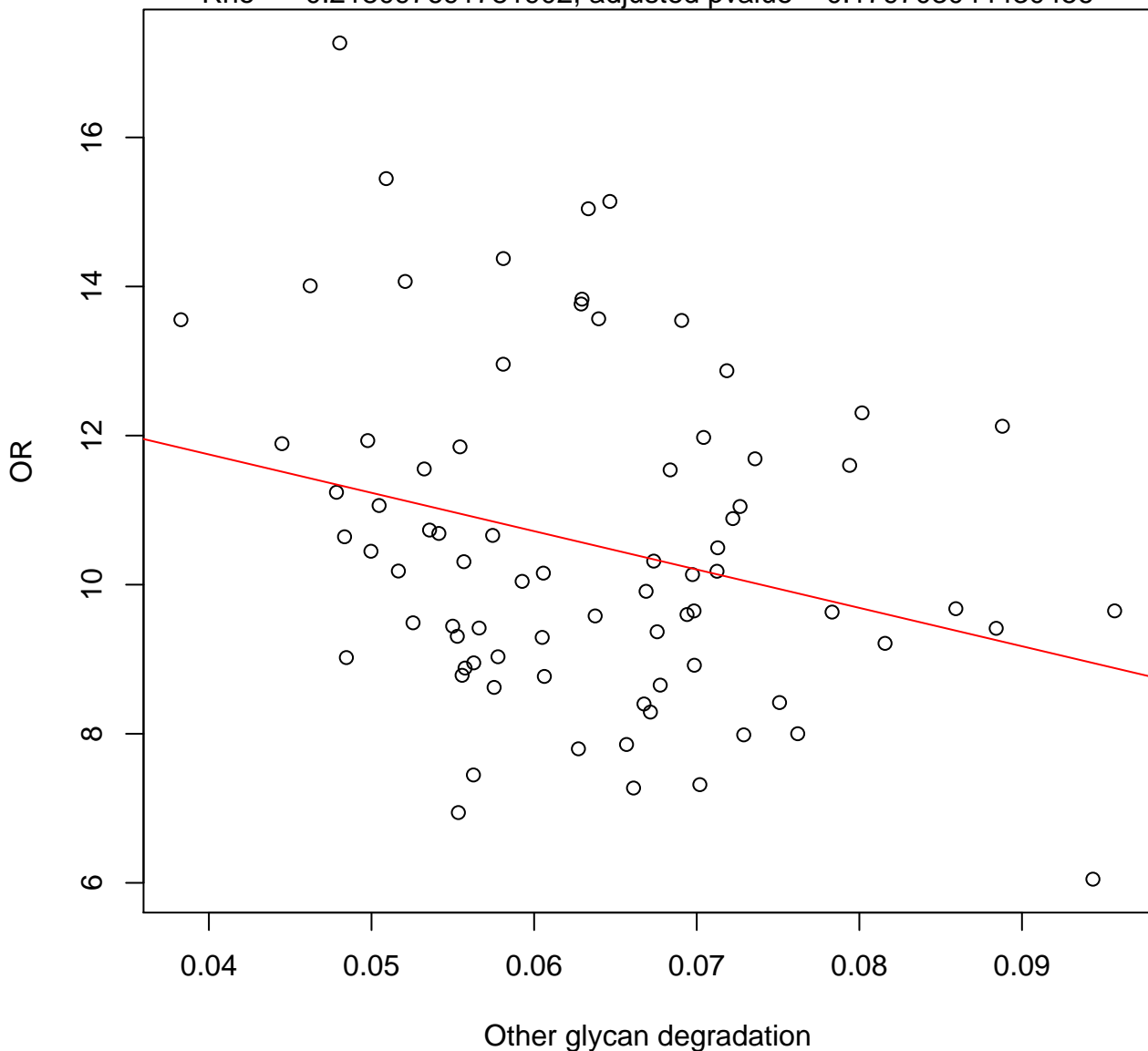
Timepoint 1 , OR ~ N-Glycan biosynthesis

Rho = -0.228061412271939, adjusted pvalue = 0.179703044430456



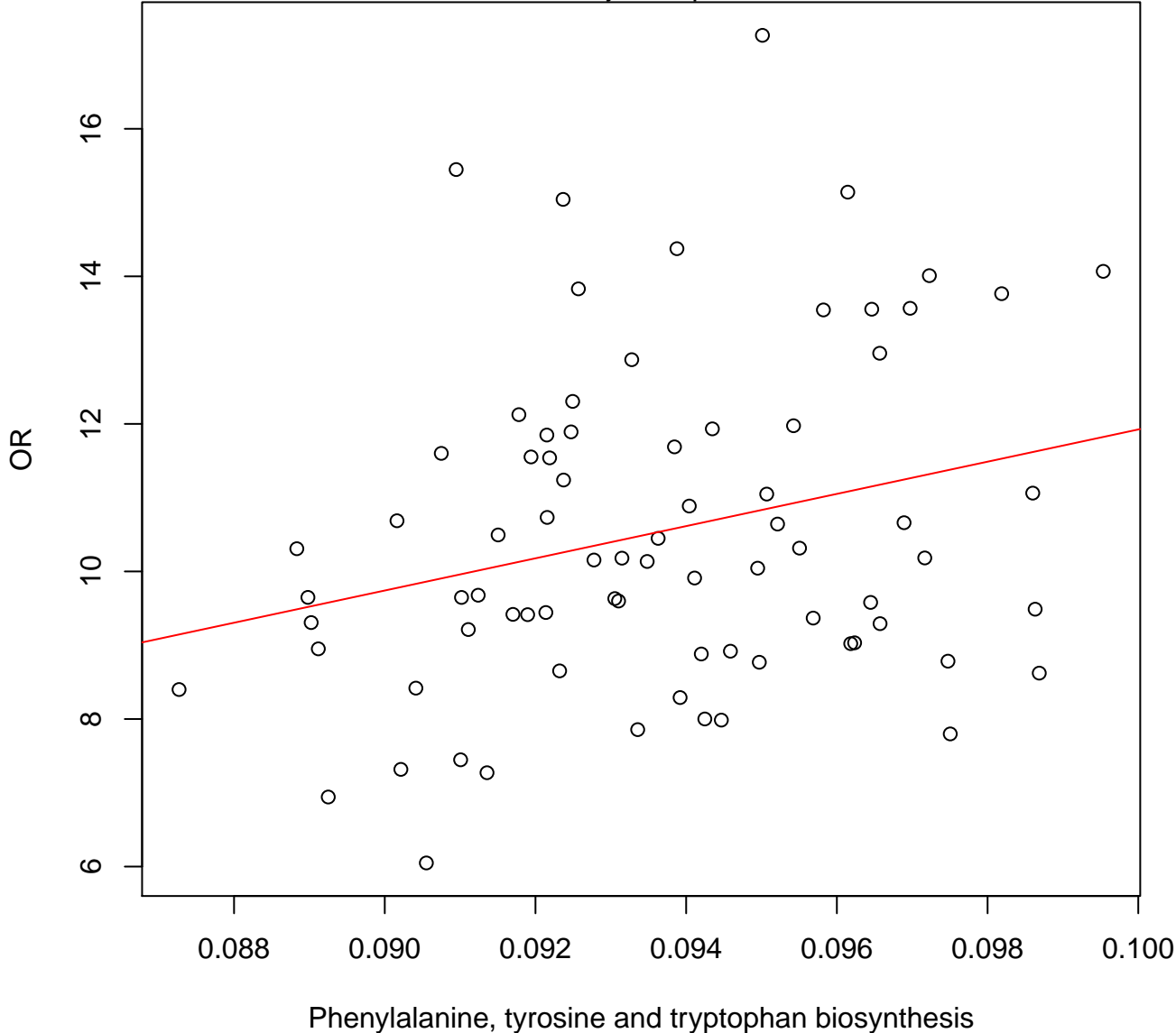
Timepoint 1 , OR ~ Other glycan degradation

Rho = -0.218097691781902 , adjusted pvalue = 0.179703044430456



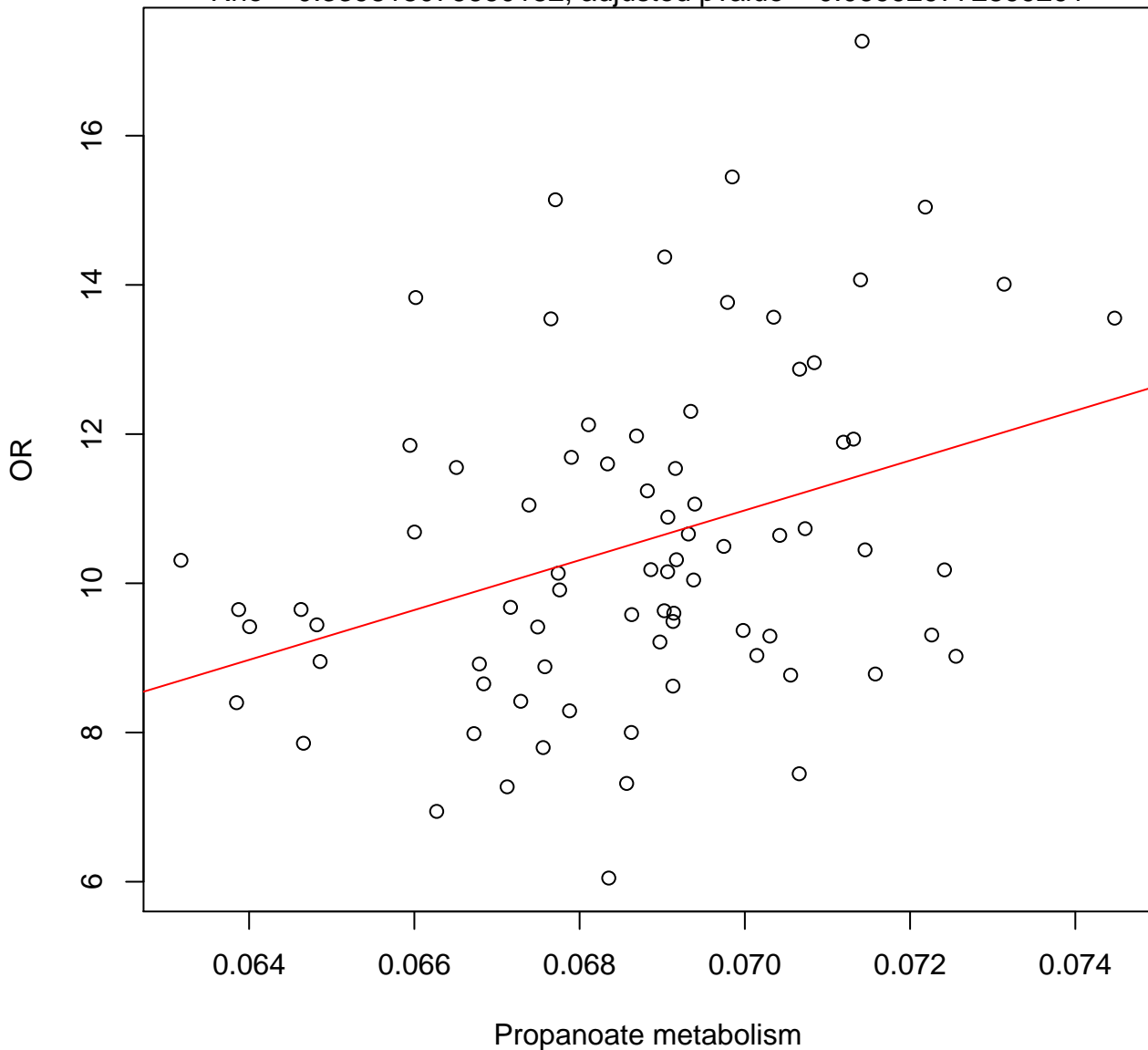
Timepoint 1 , OR ~ Phenylalanine, tyrosine and tryptophan biosynthesis

Rho = 0.221436458278564, adjusted pvalue = 0.179703044430456



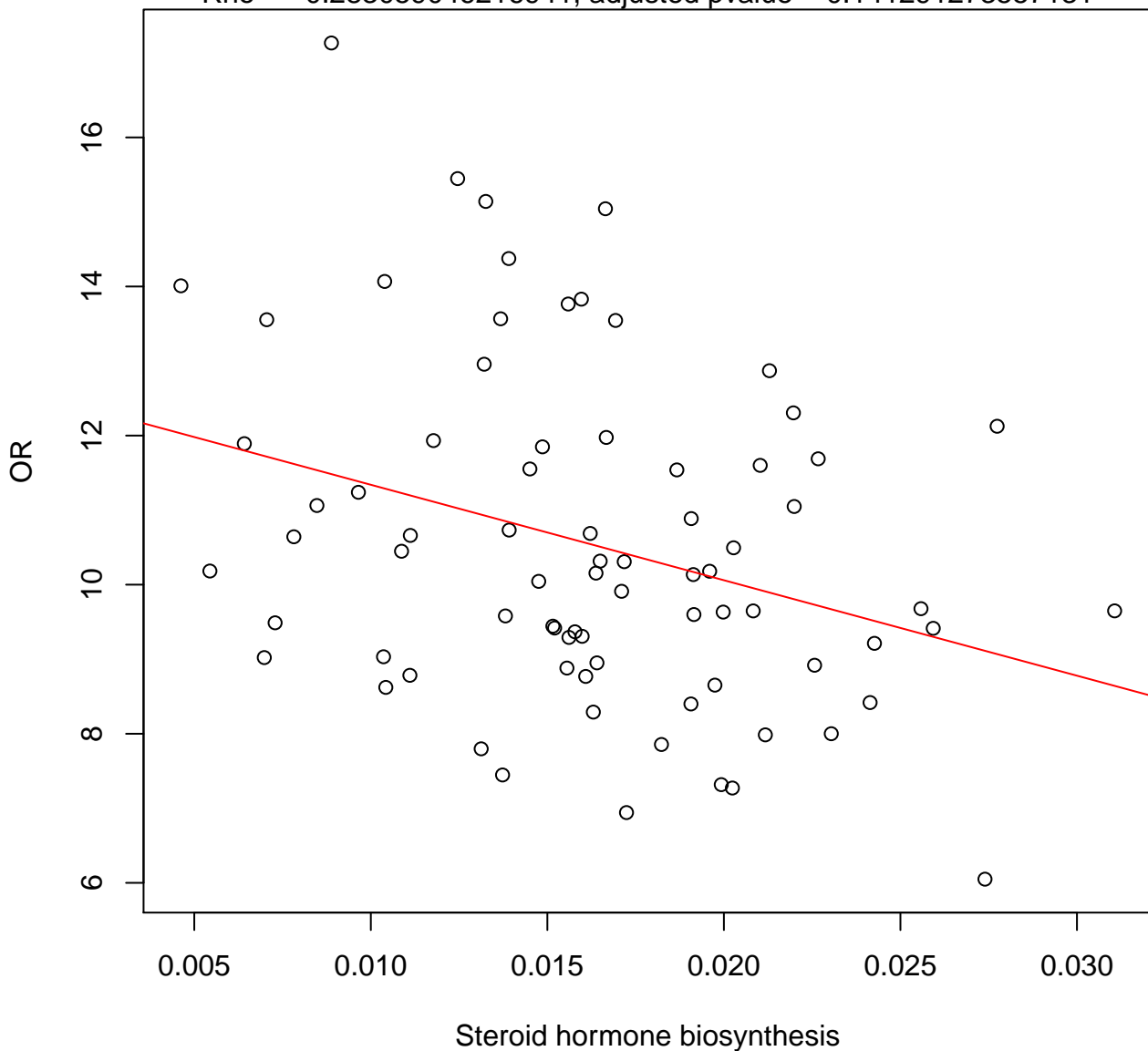
Timepoint 1 , OR ~ Propanoate metabolism

Rho = 0.339818076660182, adjusted pvalue = 0.069929772899291



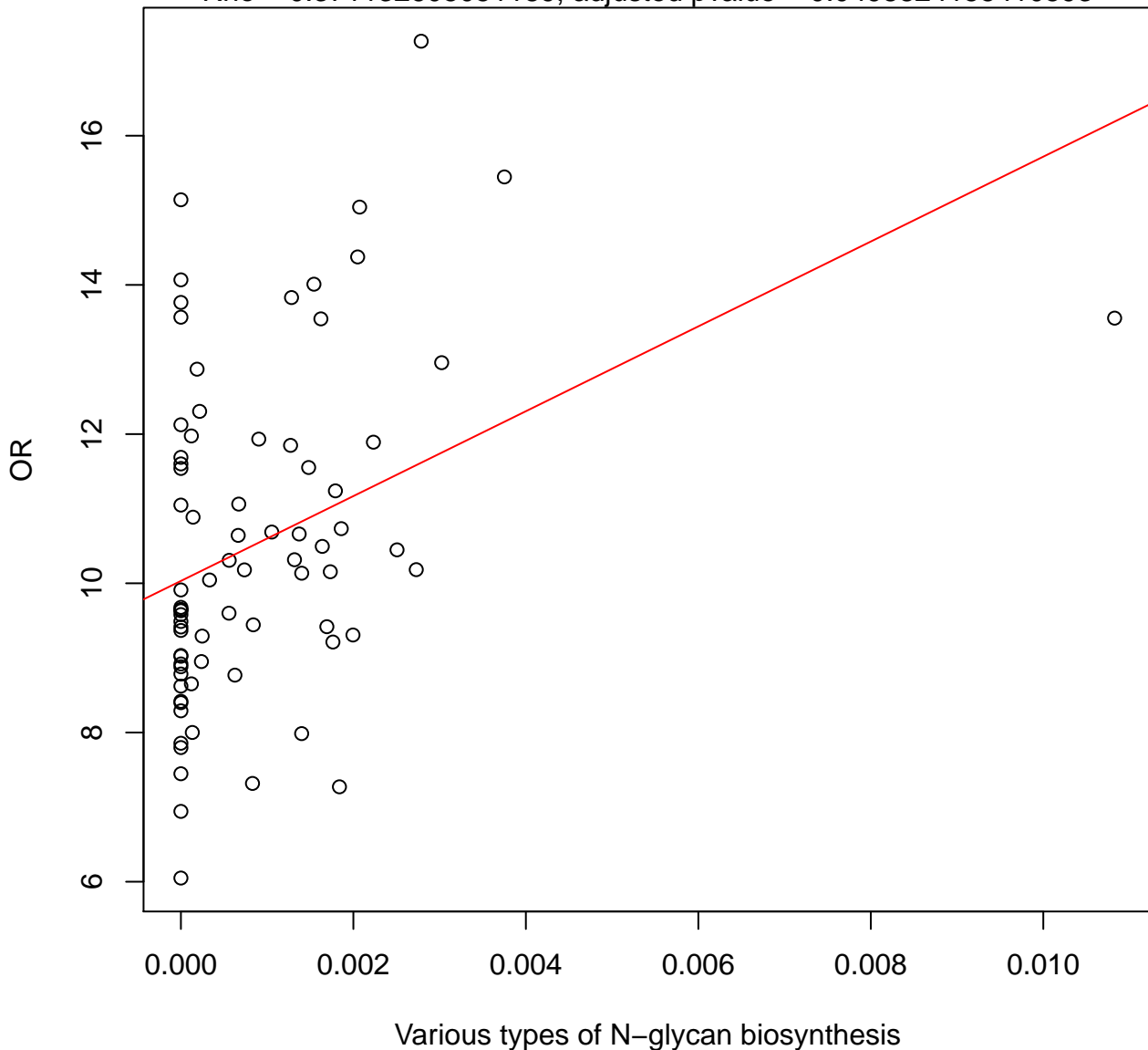
Timepoint 1 , OR ~ Steroid hormone biosynthesis

Rho = -0.283059046216941 , adjusted pvalue = 0.141291273557131



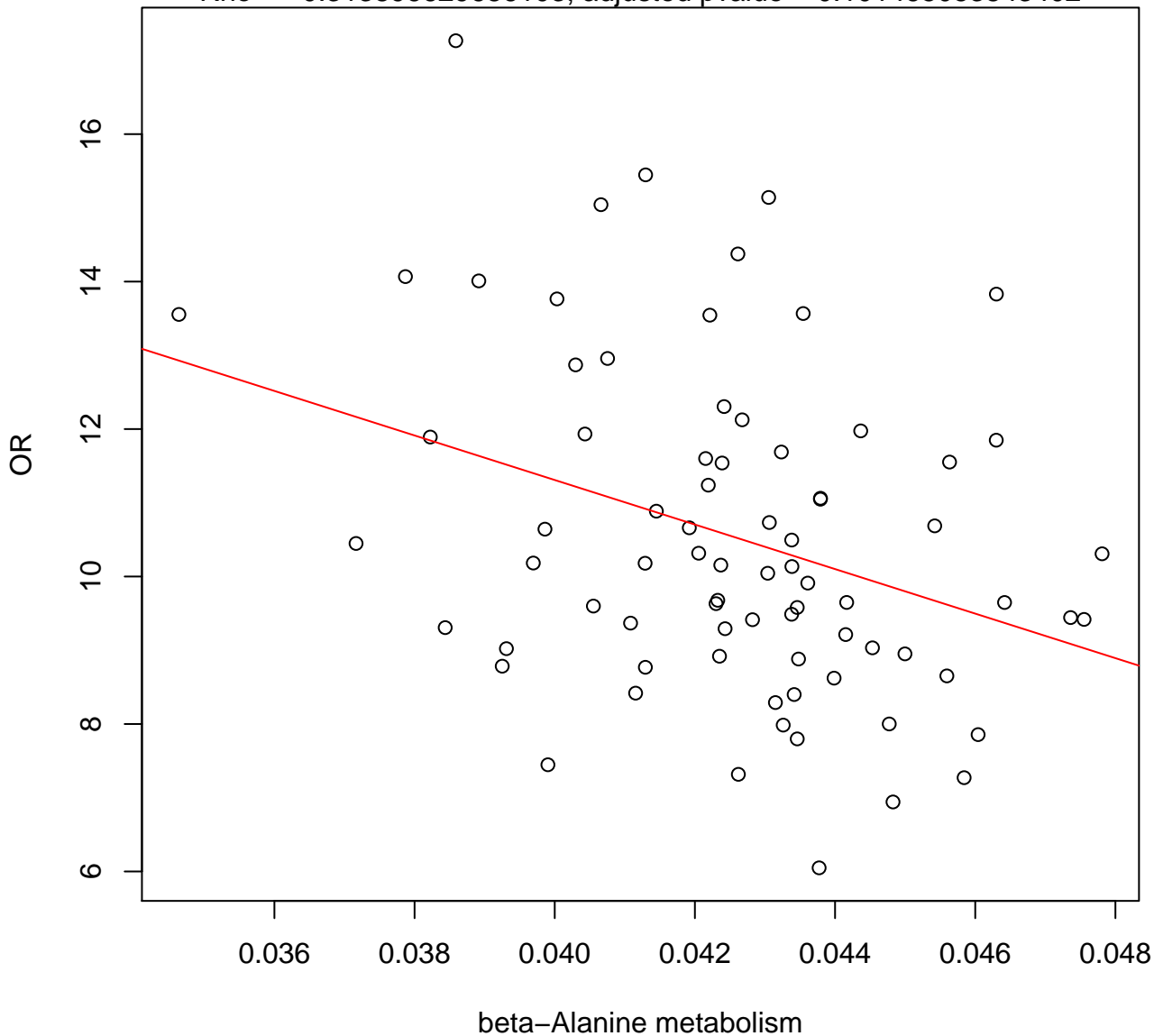
Timepoint 1 , OR ~ Various types of N-glycan biosynthesis

Rho = 0.371132605051189, adjusted pvalue = 0.0498824155410593



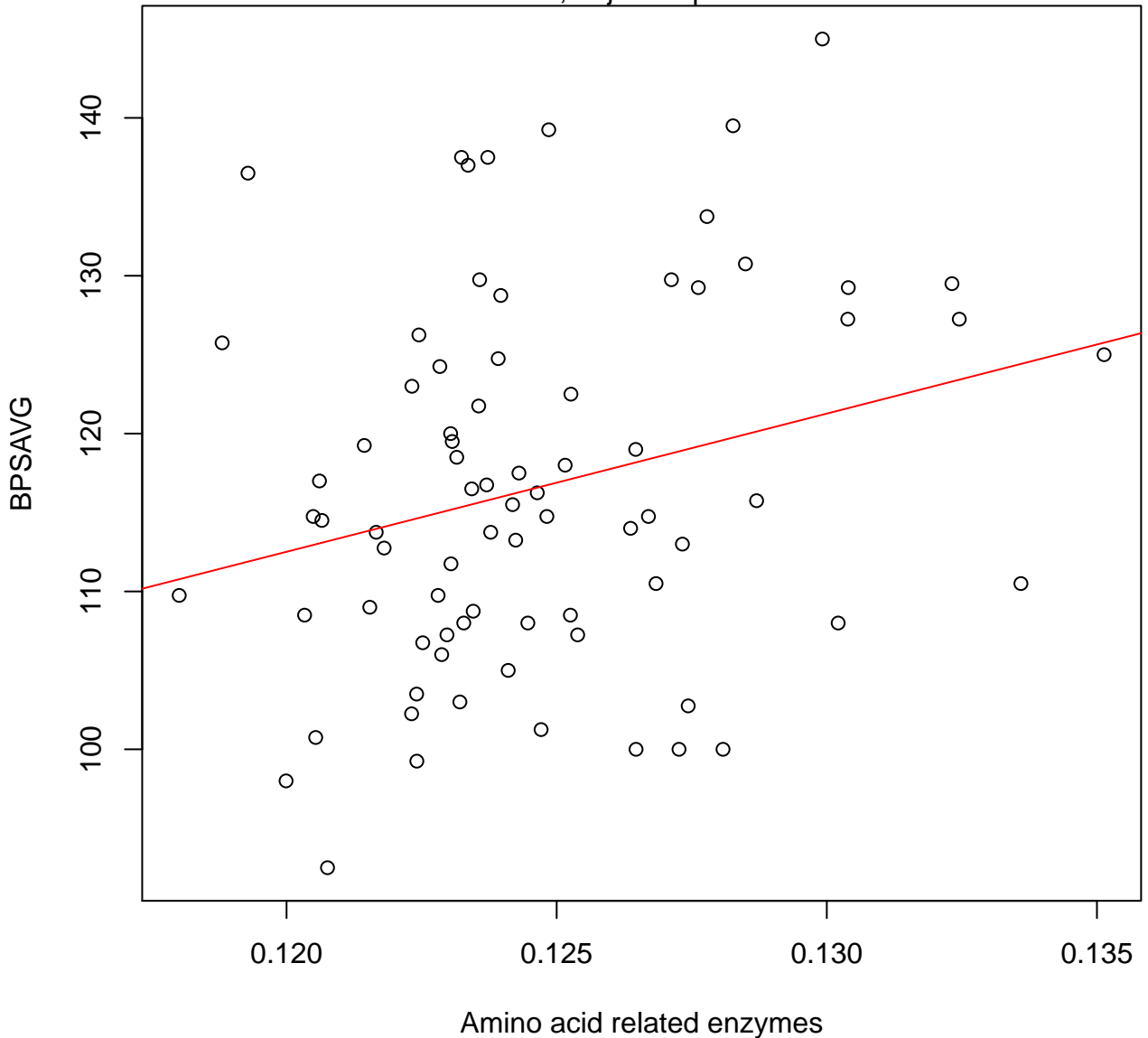
Timepoint 1 , OR ~ beta-Alanine metabolism

Rho = -0.313896629686103 , adjusted pvalue = 0.101465053843402



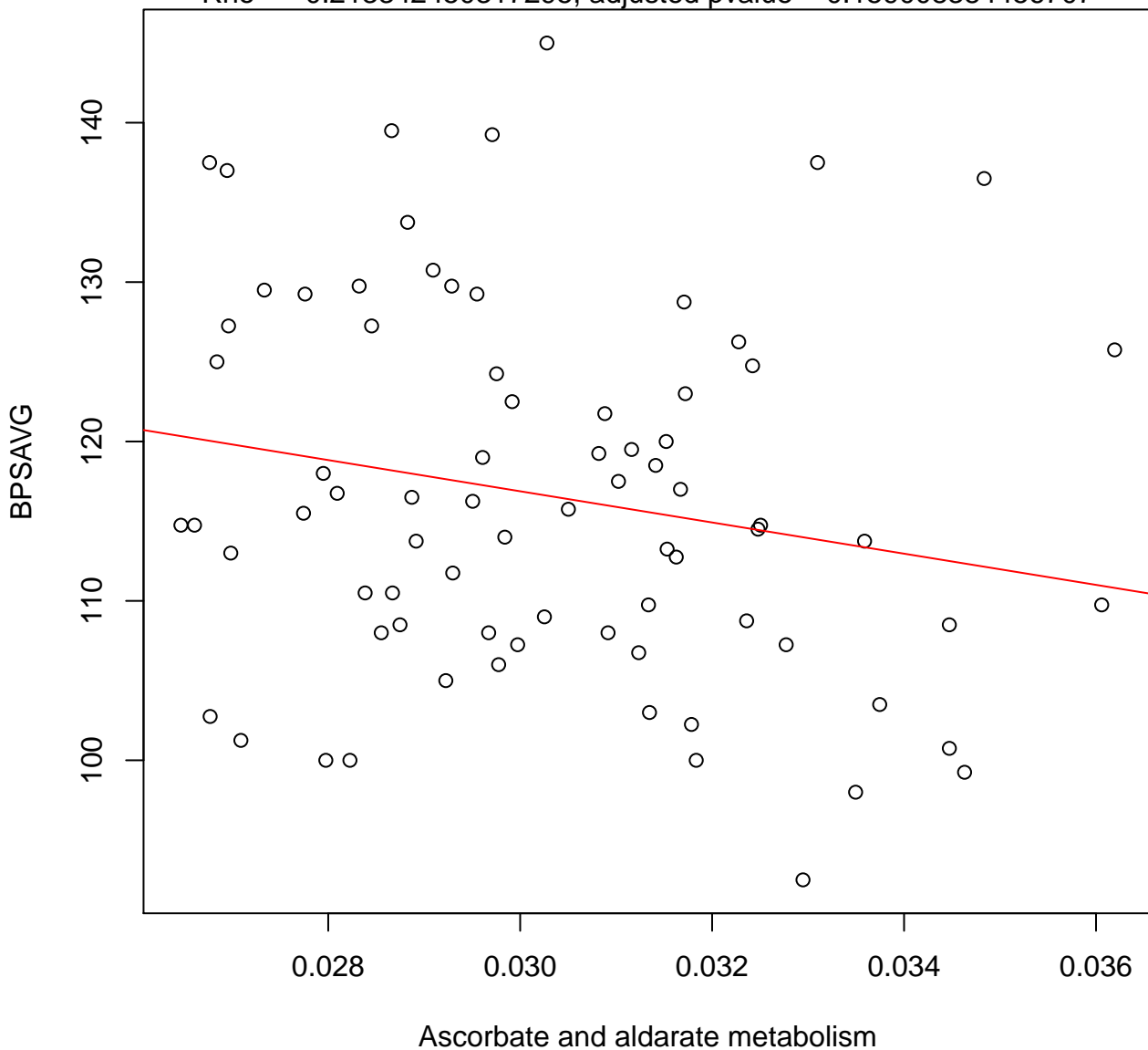
Timepoint 1 , BPSAVG ~ Amino acid related enzymes

Rho = 0.251861884593218, adjusted pvalue = 0.101274703242047



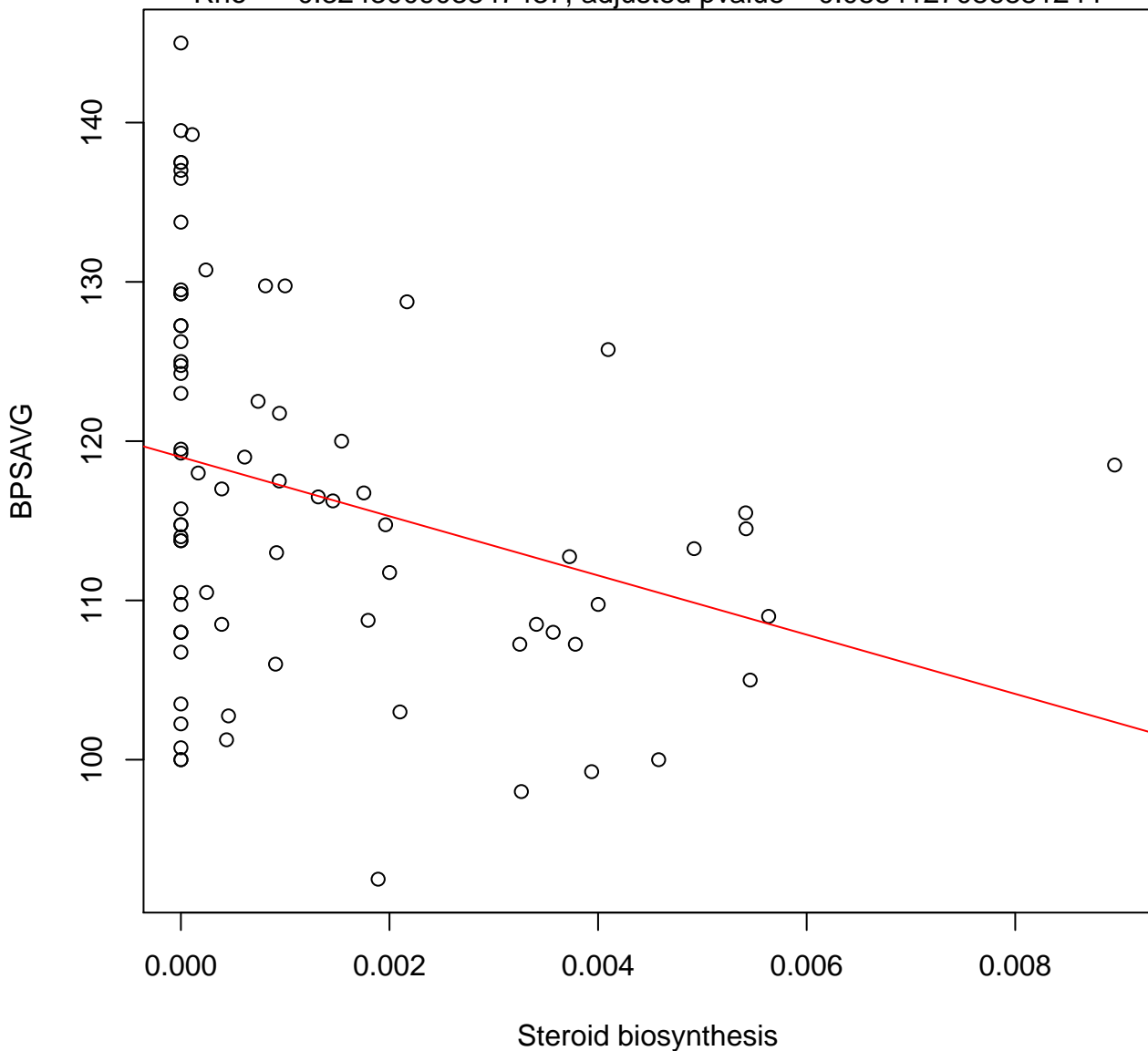
Timepoint 1 , BPSAVG ~ Ascorbate and aldarate metabolism

Rho = -0.213342450317295 , adjusted pvalue = 0.159008384456707



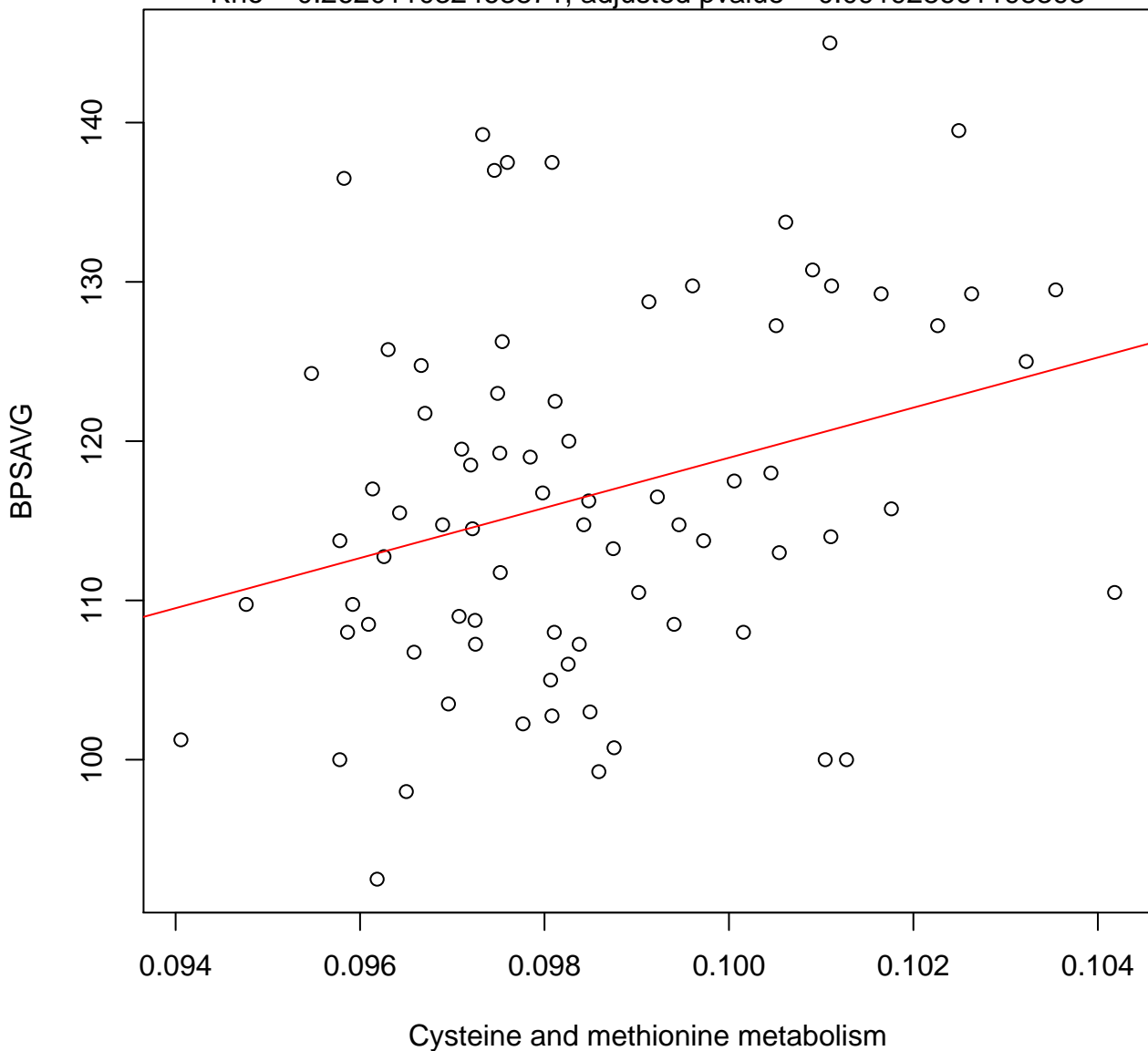
Timepoint 1 , BPSAVG ~ Steroid biosynthesis

Rho = -0.324300903347437 , adjusted pvalue = 0.0554127086881244



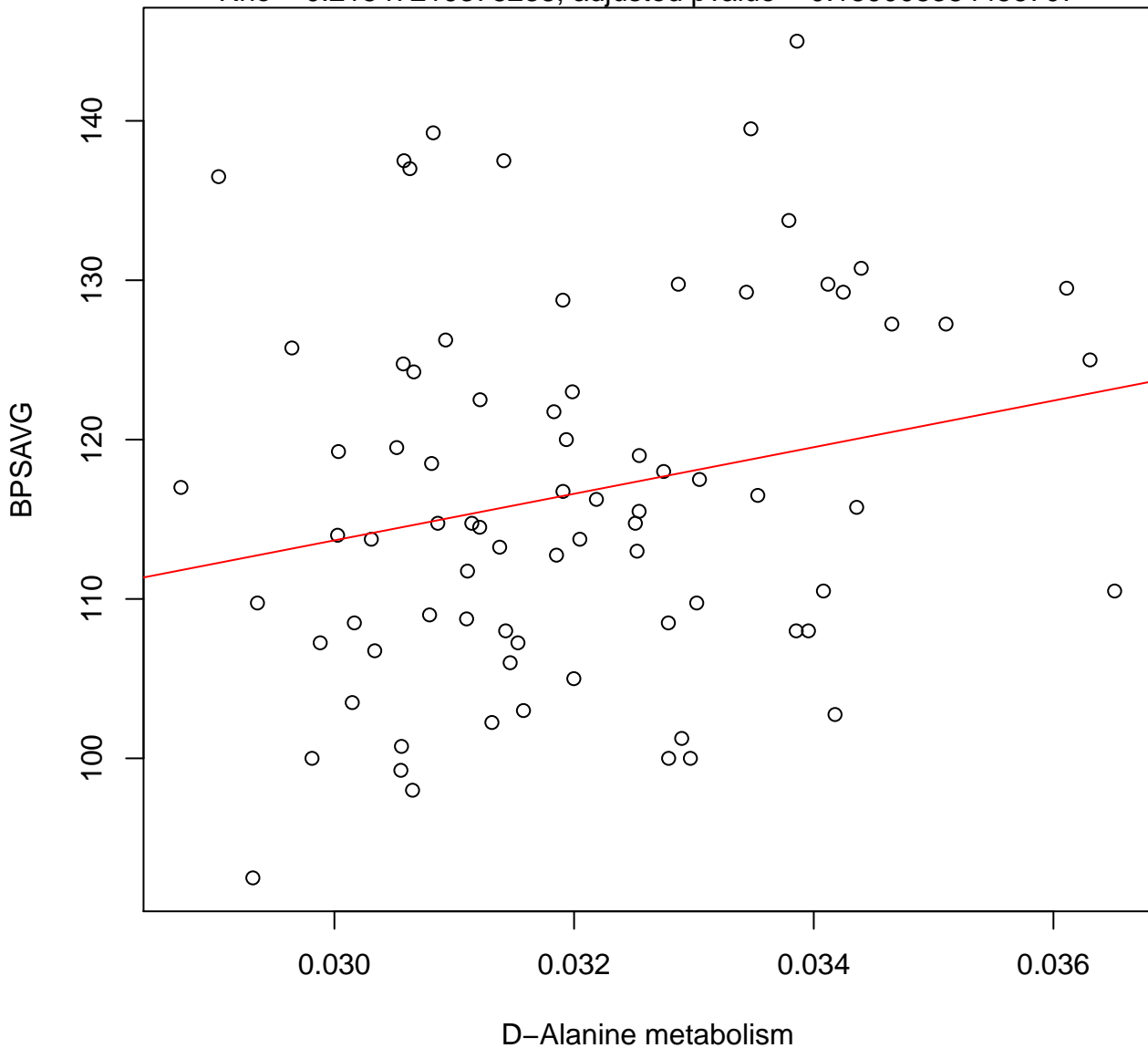
Timepoint 1 , BPSAVG ~ Cysteine and methionine metabolism

Rho = 0.262011032463871, adjusted pvalue = 0.091928661198393



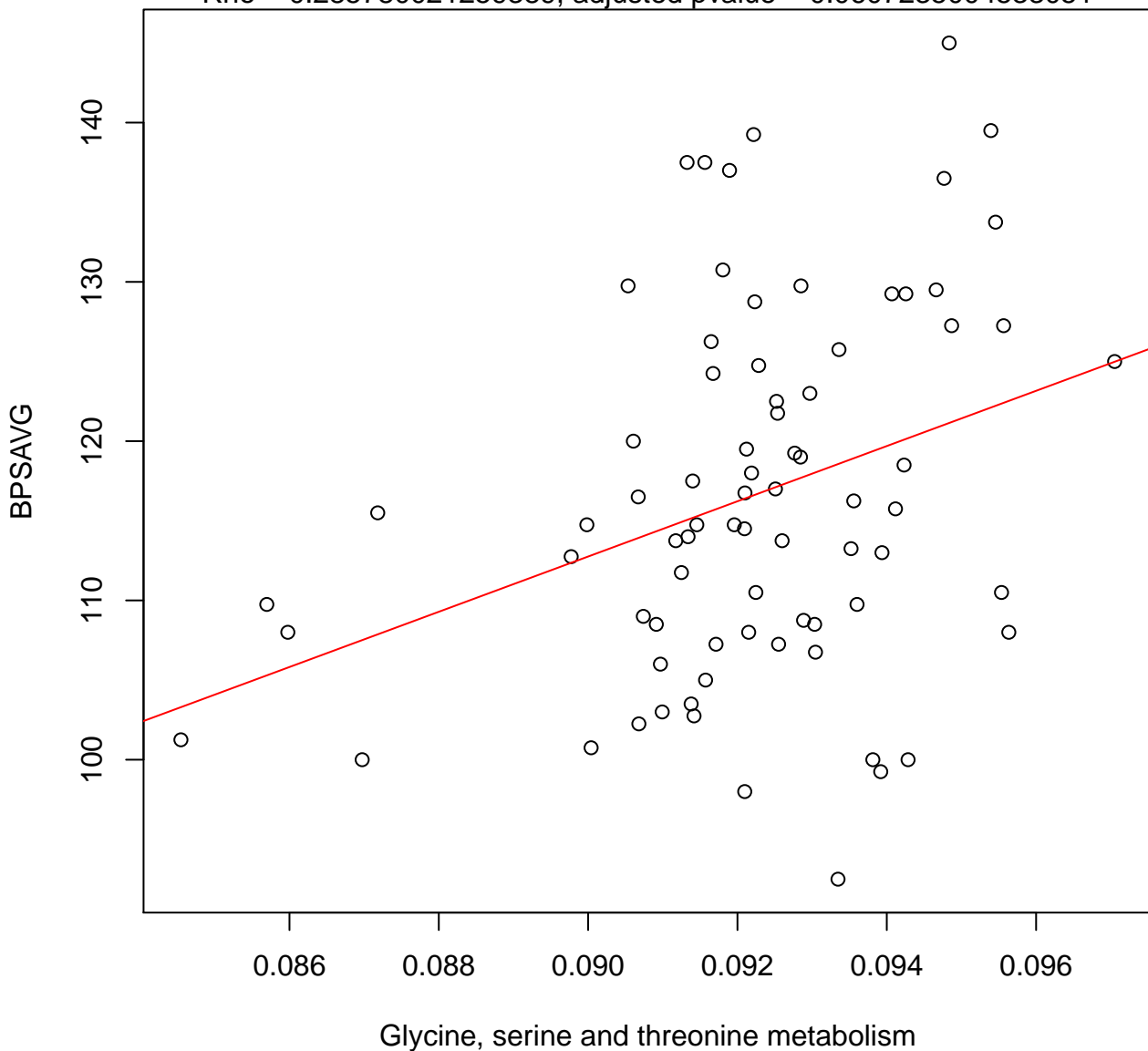
Timepoint 1 , BPSAVG ~ D-Alanine metabolism

Rho = 0.21547219378238, adjusted pvalue = 0.159008384456707



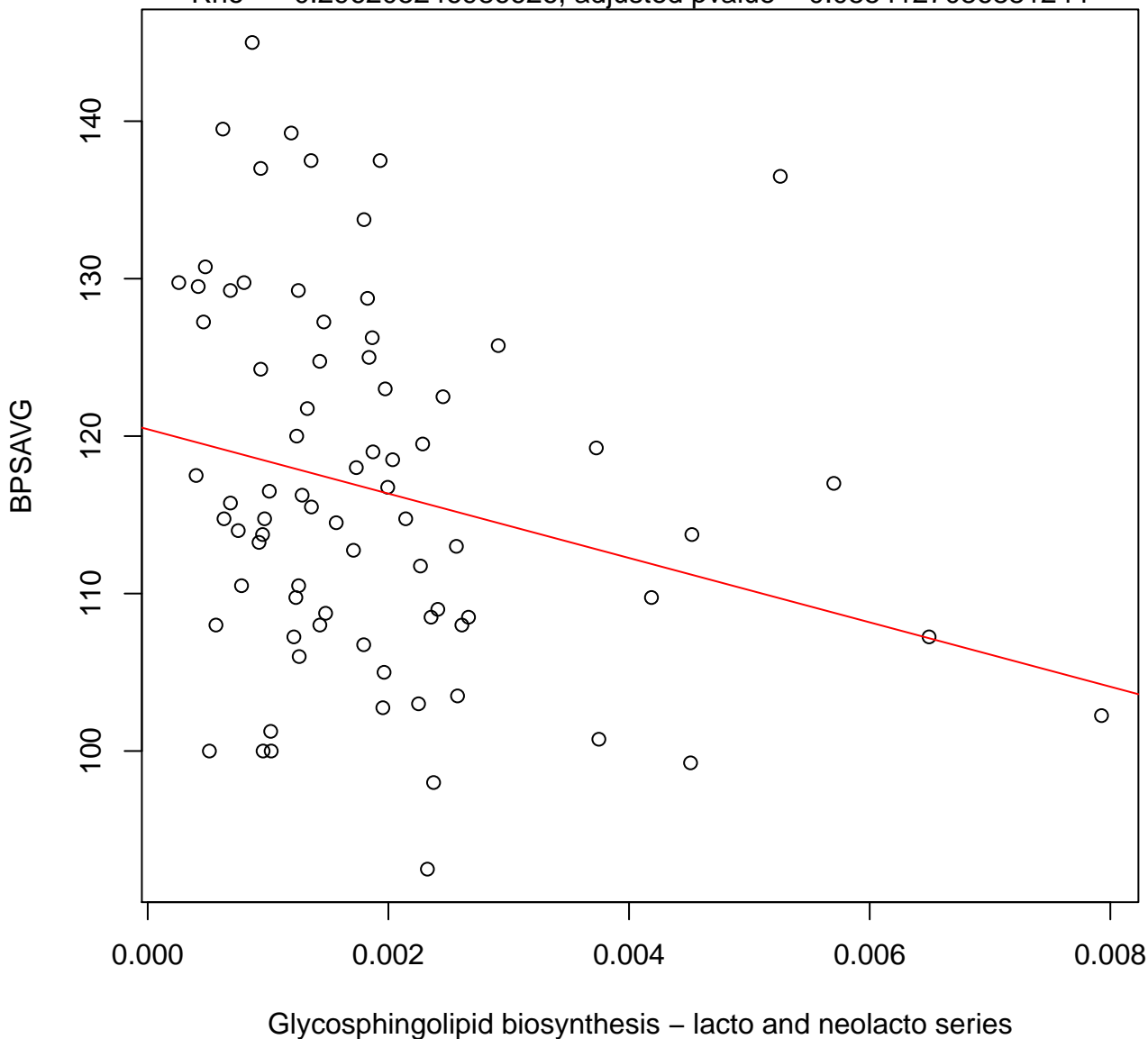
Timepoint 1 , BPSAVG ~ Glycine, serine and threonine metabolism

Rho = 0.285780021259389, adjusted pvalue = 0.0607235004533051



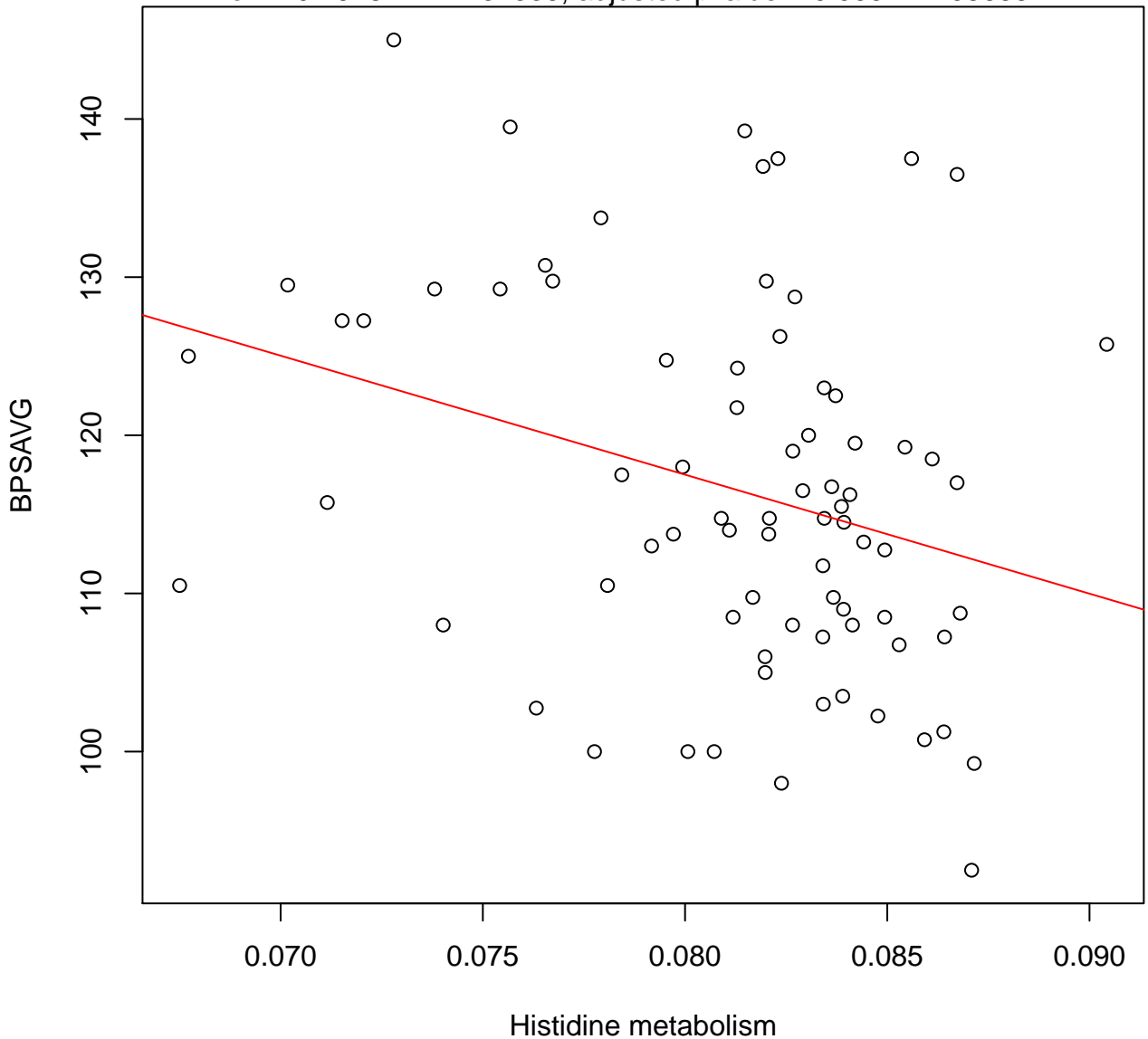
meppoint 1 , BPSAVG ~ Glycosphingolipid biosynthesis – lacto and neolacto

Rho = -0.296205246986626, adjusted pvalue = 0.0554127086881244



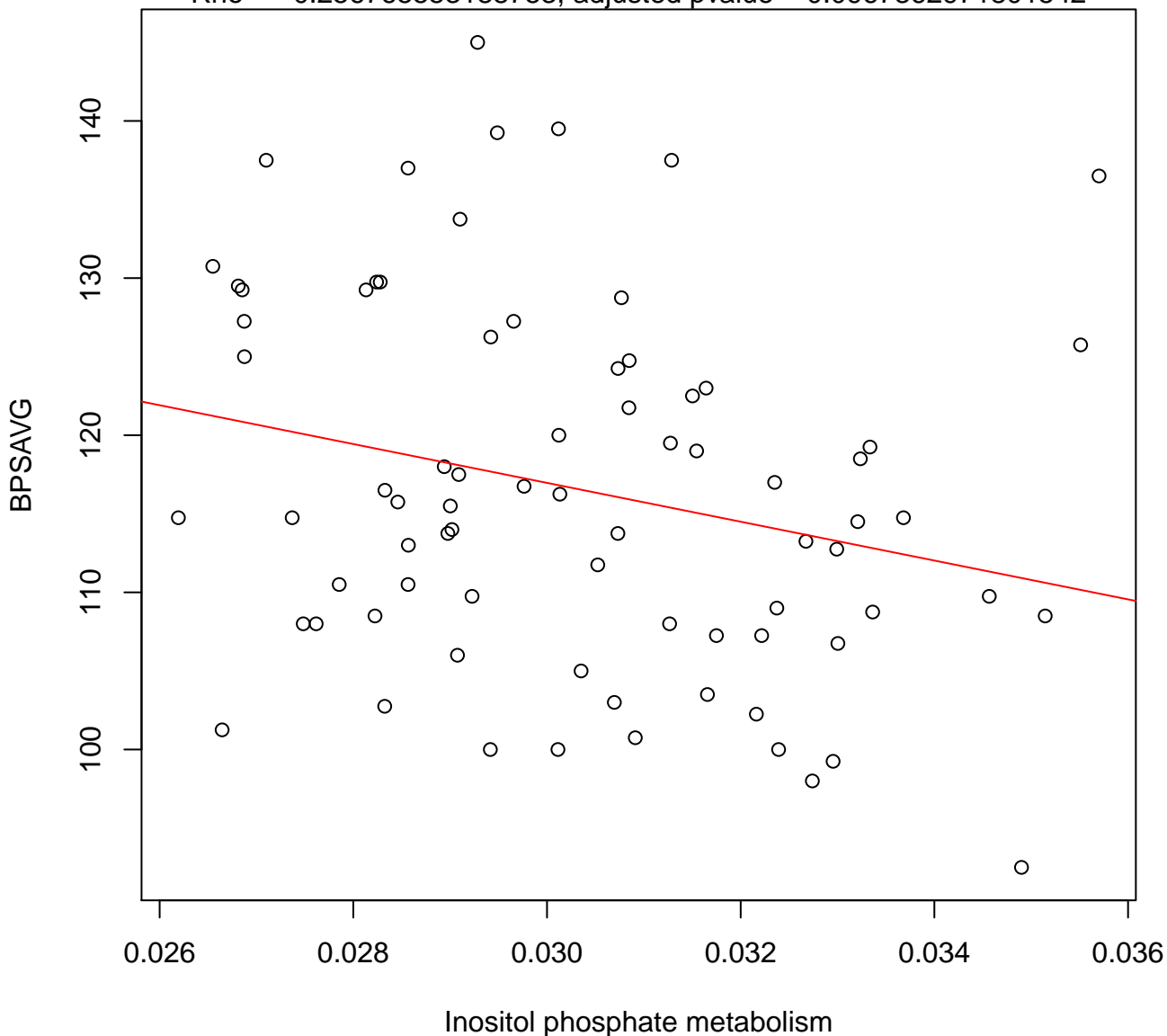
Timepoint 1 , BPSAVG ~ Histidine metabolism

Rho = -0.297822274432339 , adjusted pvalue = 0.0554127086881244



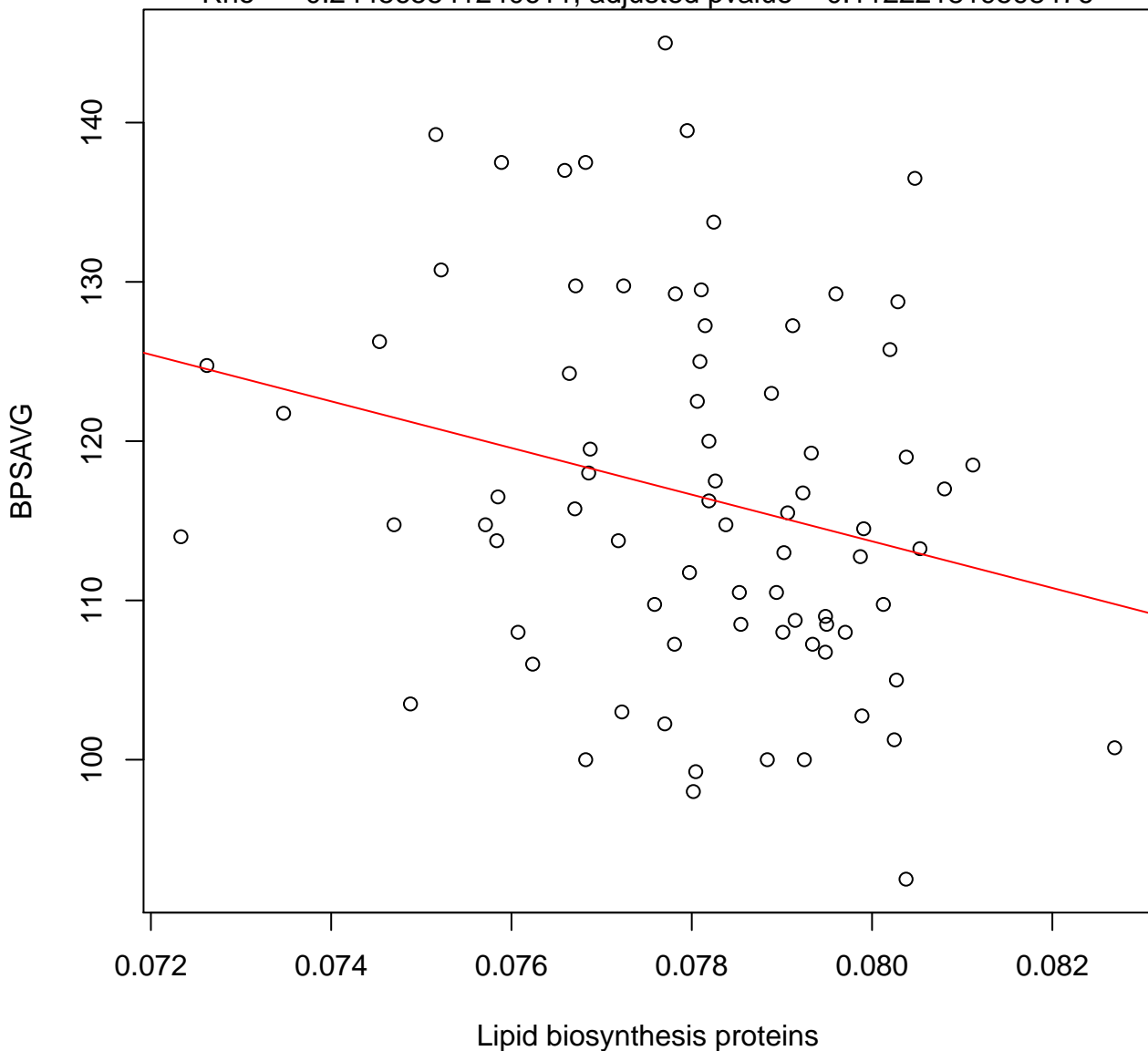
Timepoint 1 , BPSAVG ~ Inositol phosphate metabolism

Rho = -0.256765553188753 , adjusted pvalue = 0.0967362971801542



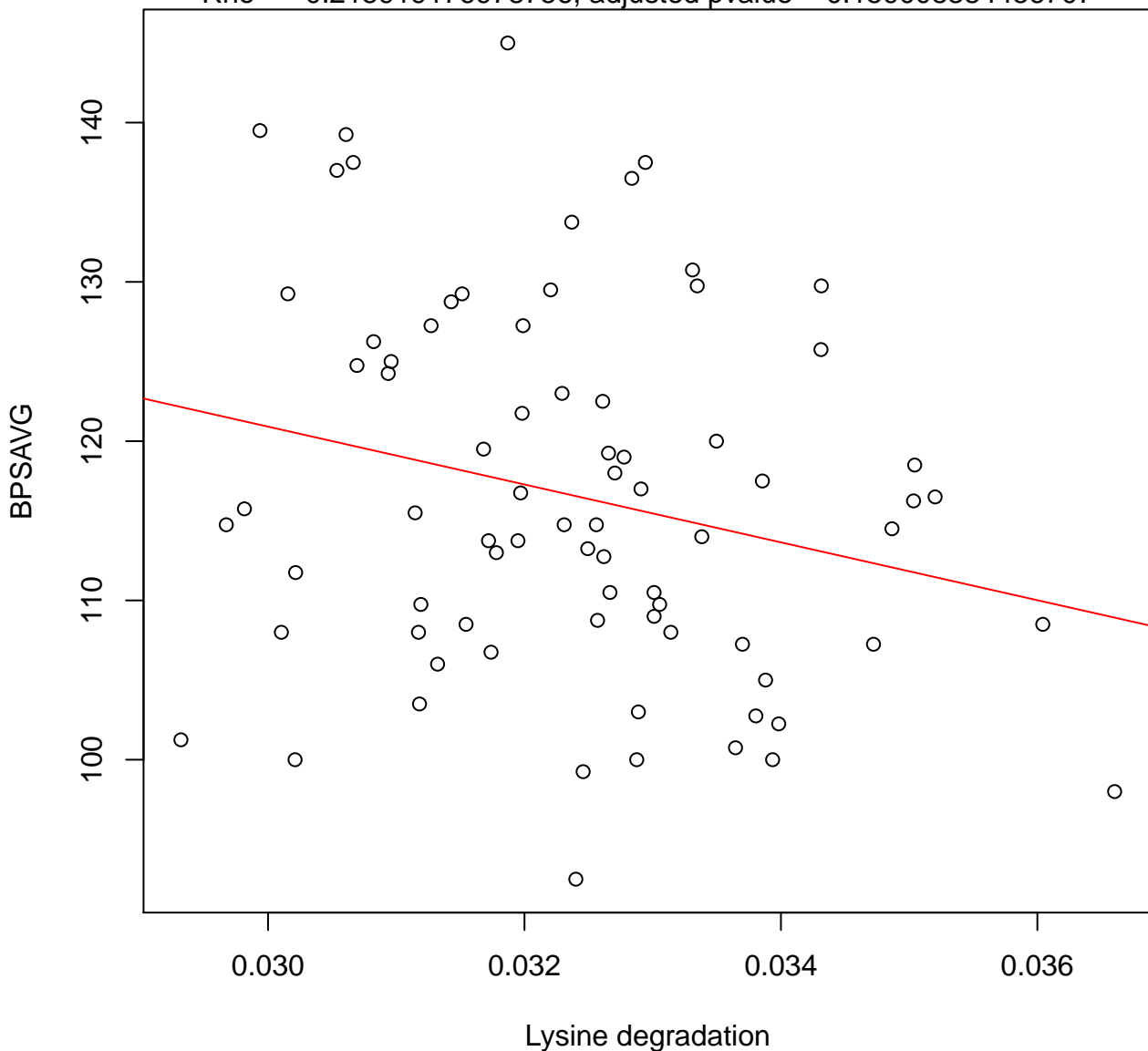
Timepoint 1 , BPSAVG ~ Lipid biosynthesis proteins

Rho = -0.244565541240611 , adjusted pvalue = 0.112221819598476



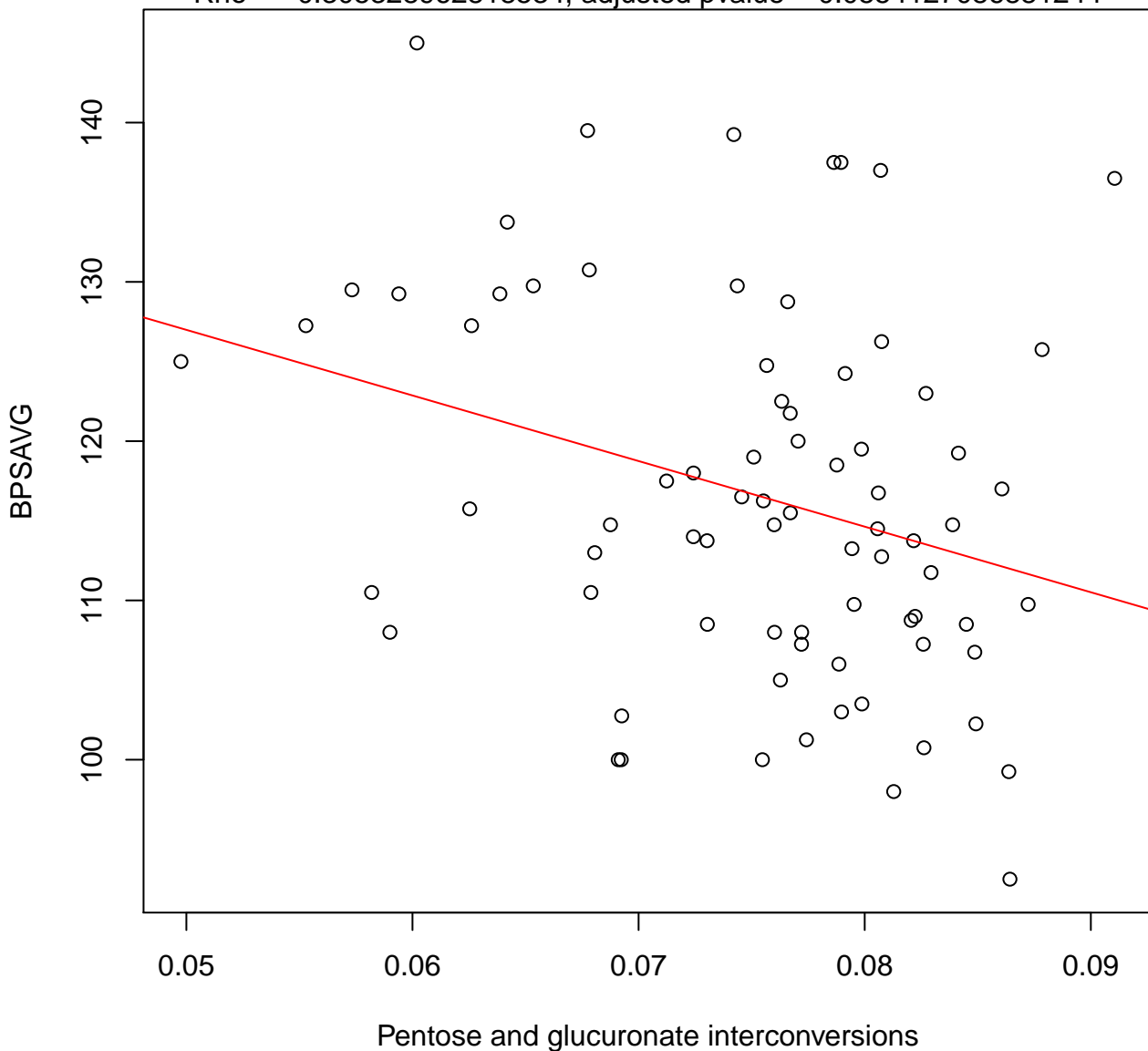
Timepoint 1 , BPSAVG ~ Lysine degradation

Rho = -0.215919176978756 , adjusted pvalue = 0.159008384456707



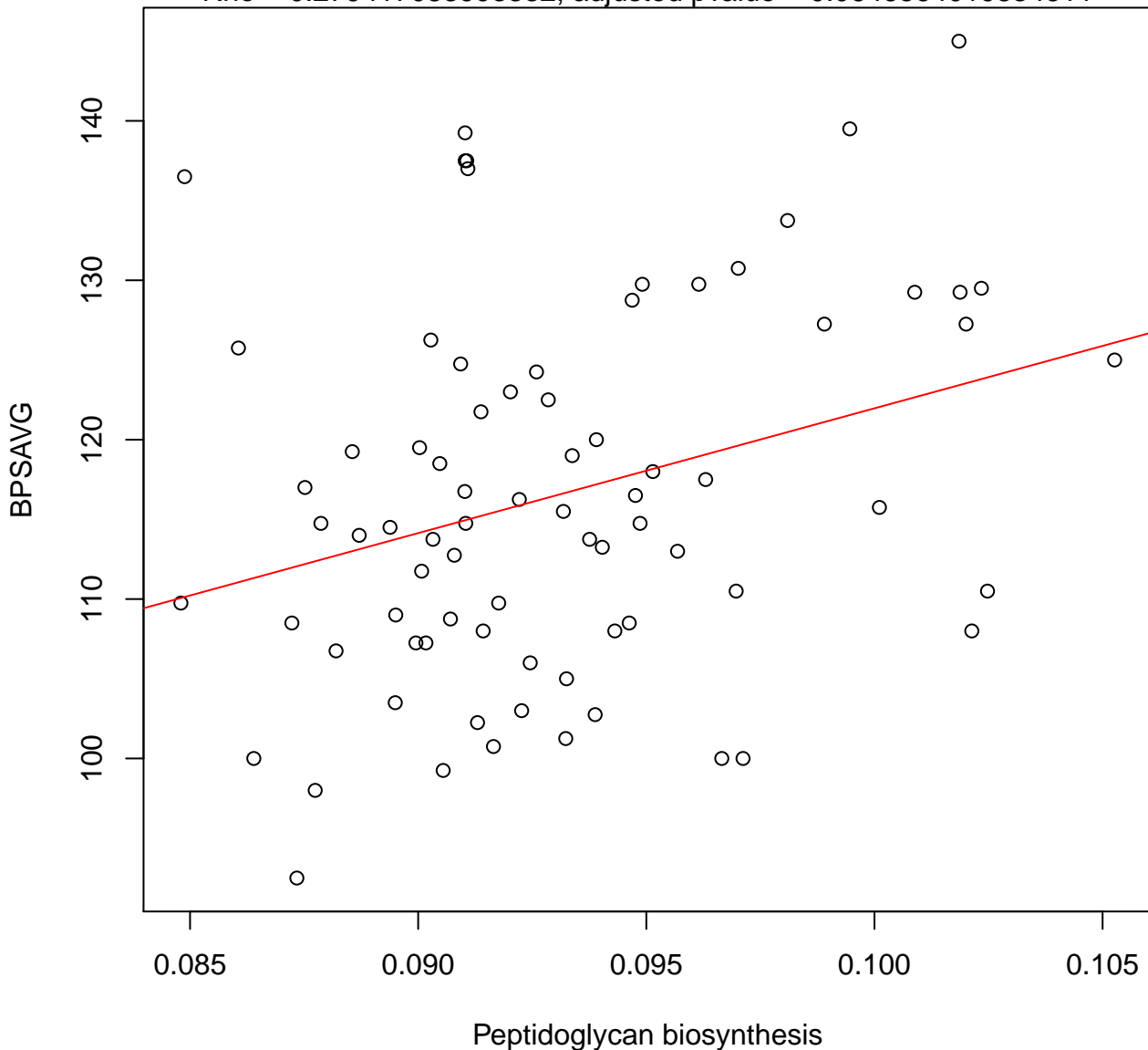
Timepoint 1 , BPSAVG ~ Pentose and glucuronate interconversions

Rho = -0.305328962818534 , adjusted pvalue = 0.0554127086881244



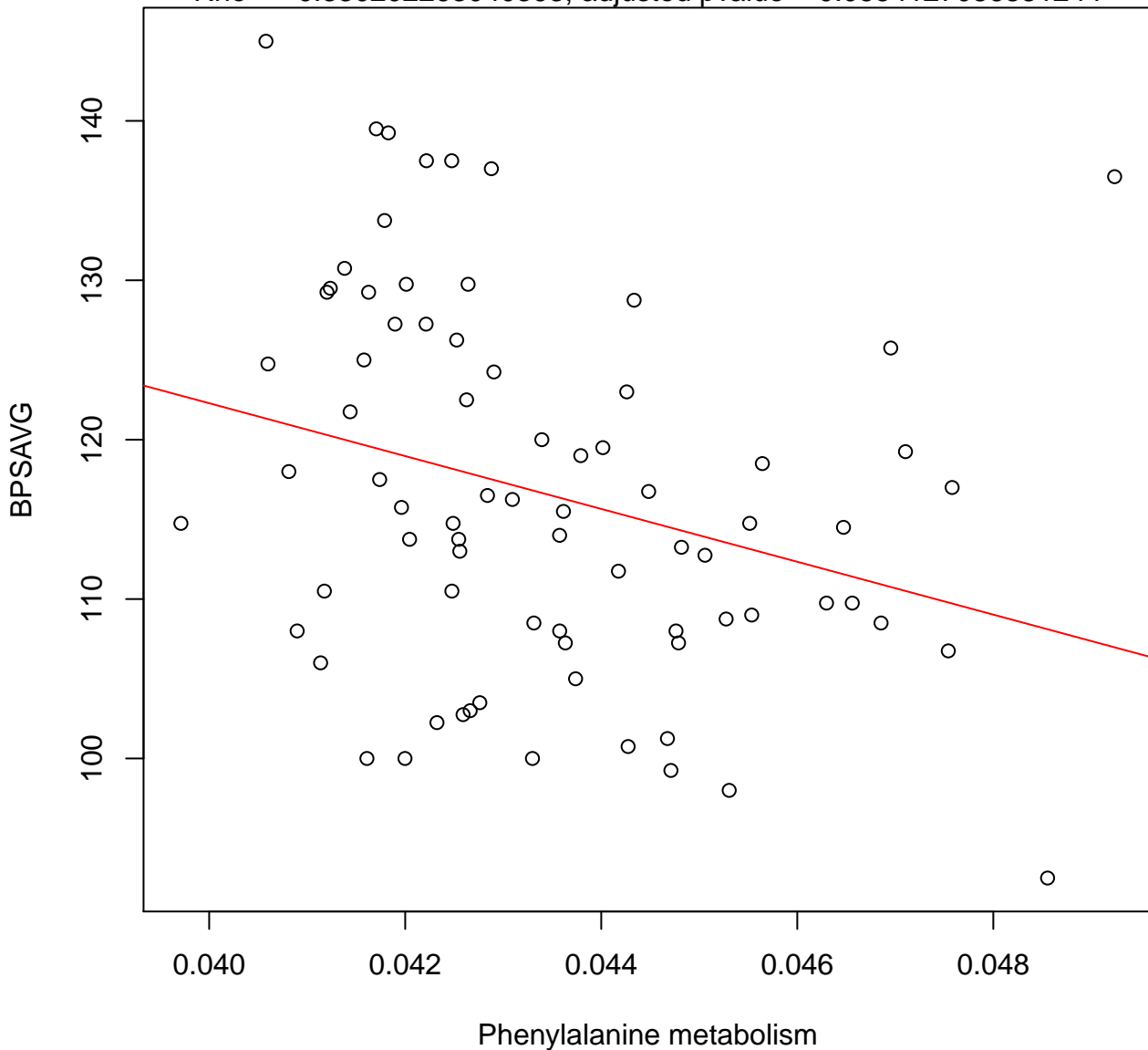
Rho = 0.279417083993332, adjusted pvalue = 0.0646564019834611

0



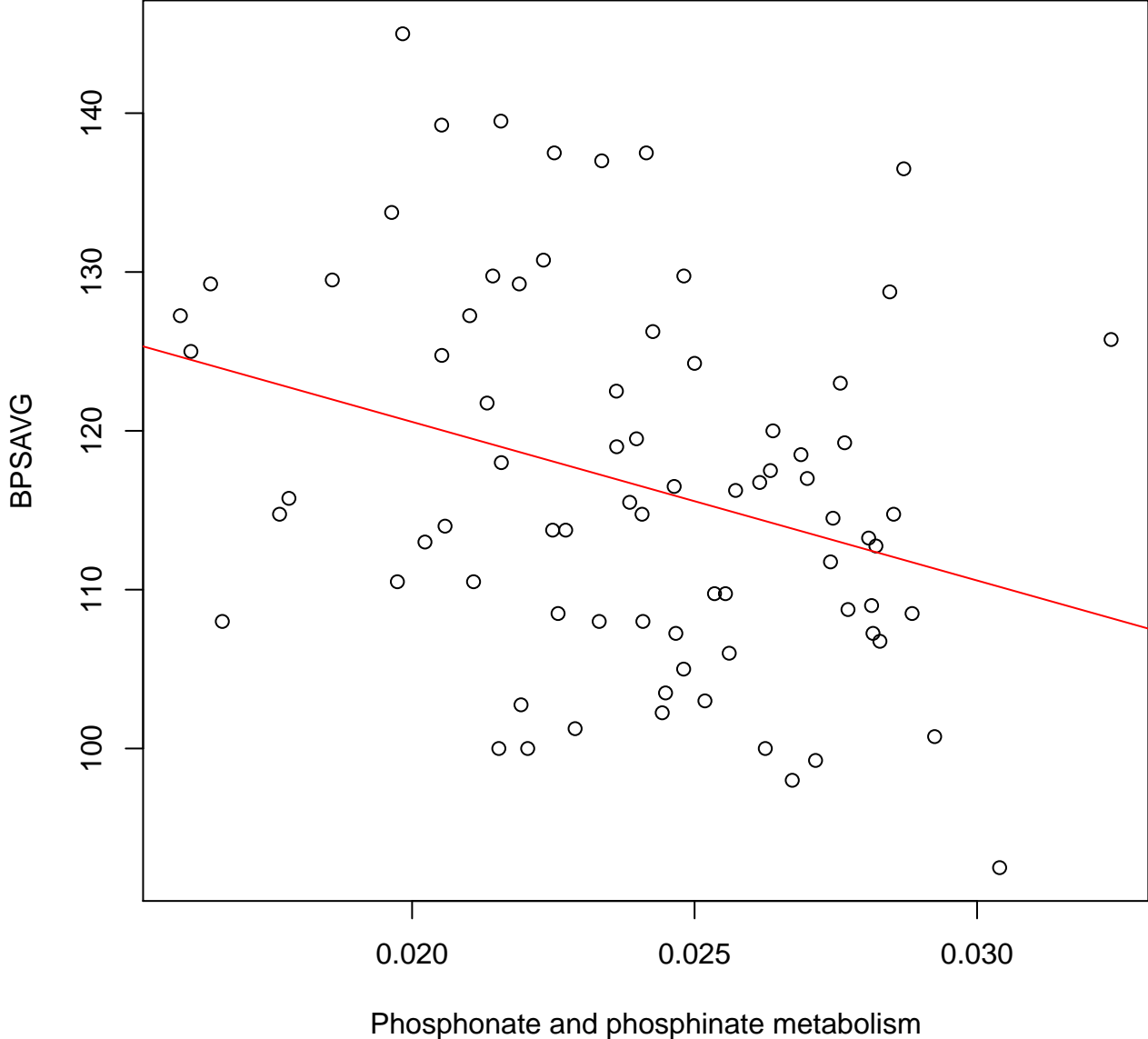
Timepoint 1 , BPSAVG ~ Phenylalanine metabolism

Rho = -0.330202263040393 , adjusted pvalue = 0.0554127086881244



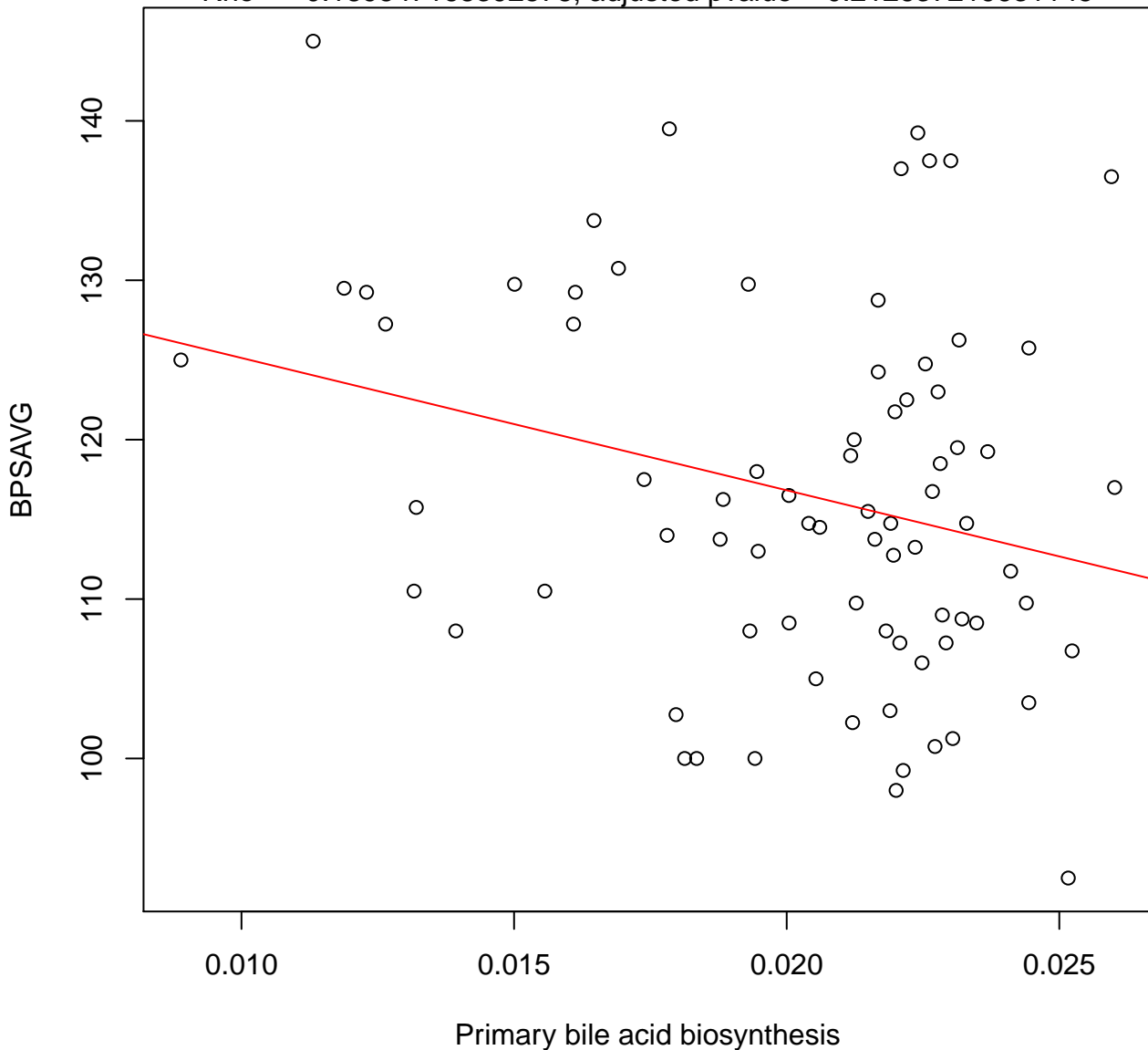
Timepoint 1 , BPSAVG ~ Phosphonate and phosphinate metabolism

Rho = -0.309207199375325 , adjusted pvalue = 0.0554127086881244



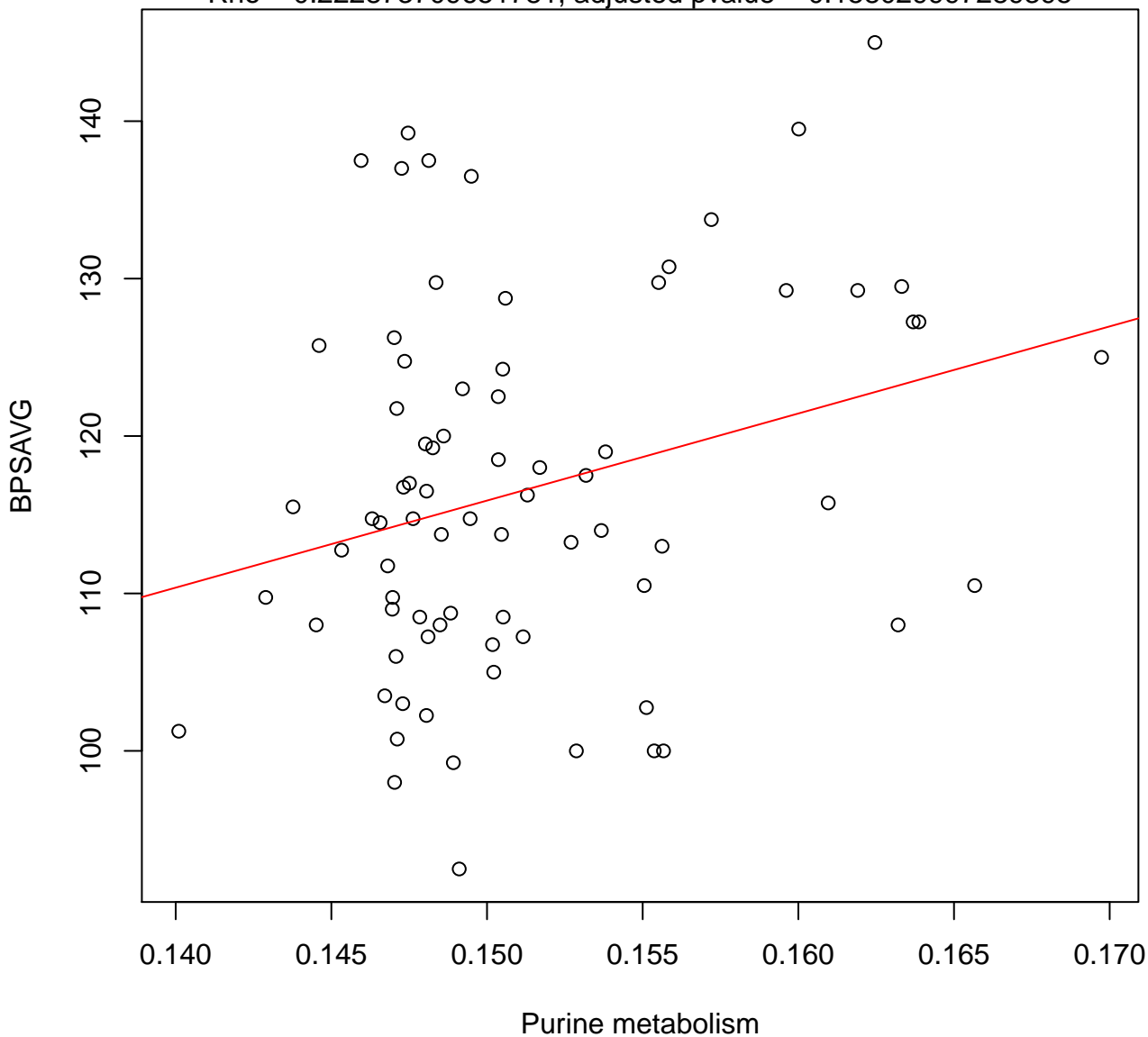
Timepoint 1 , BPSAVG ~ Primary bile acid biosynthesis

Rho = -0.189547168392578 , adjusted pvalue = 0.212637219631145



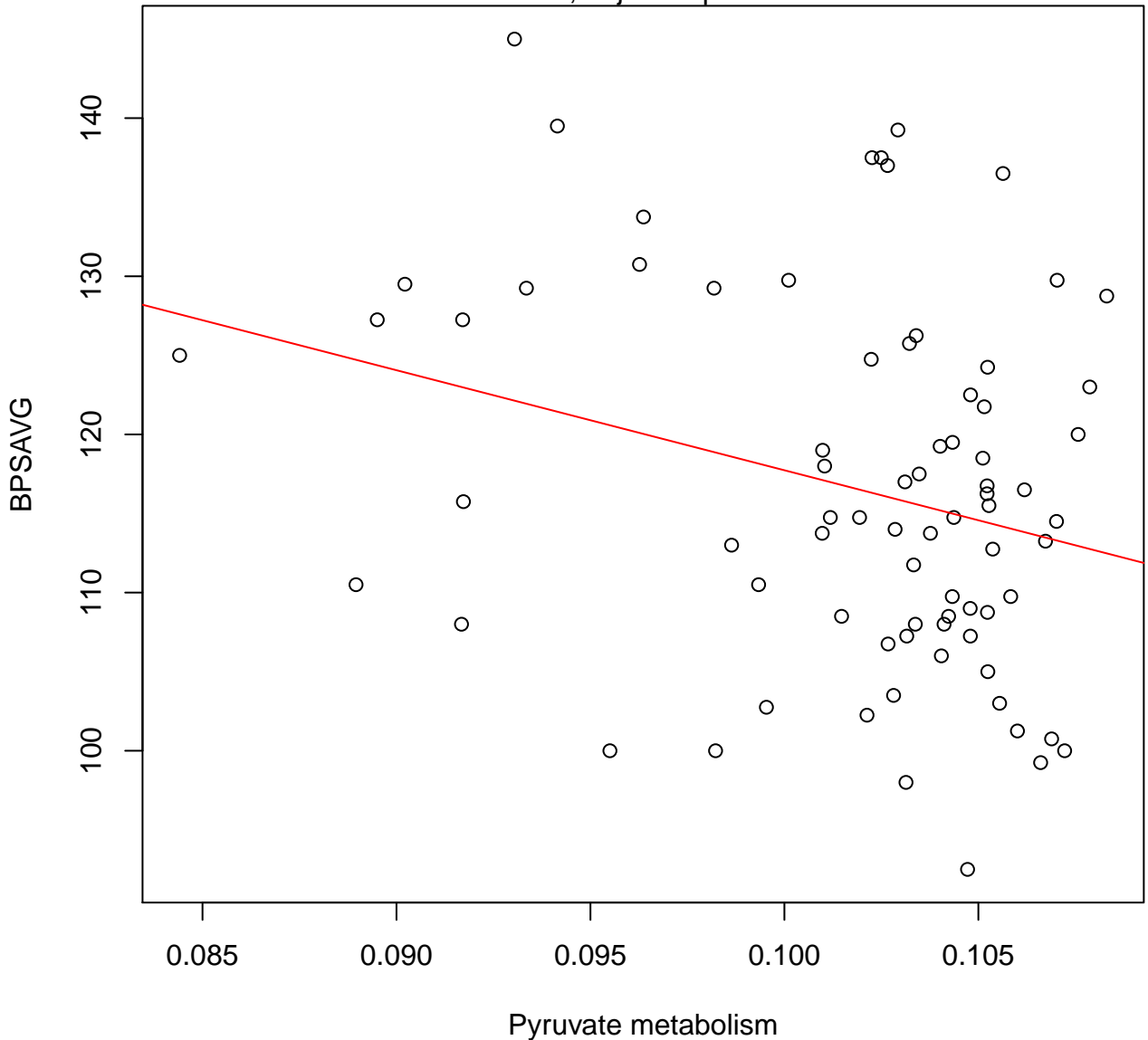
Timepoint 1 , BPSAVG ~ Purine metabolism

Rho = 0.222873709651781, adjusted pvalue = 0.158029997289395



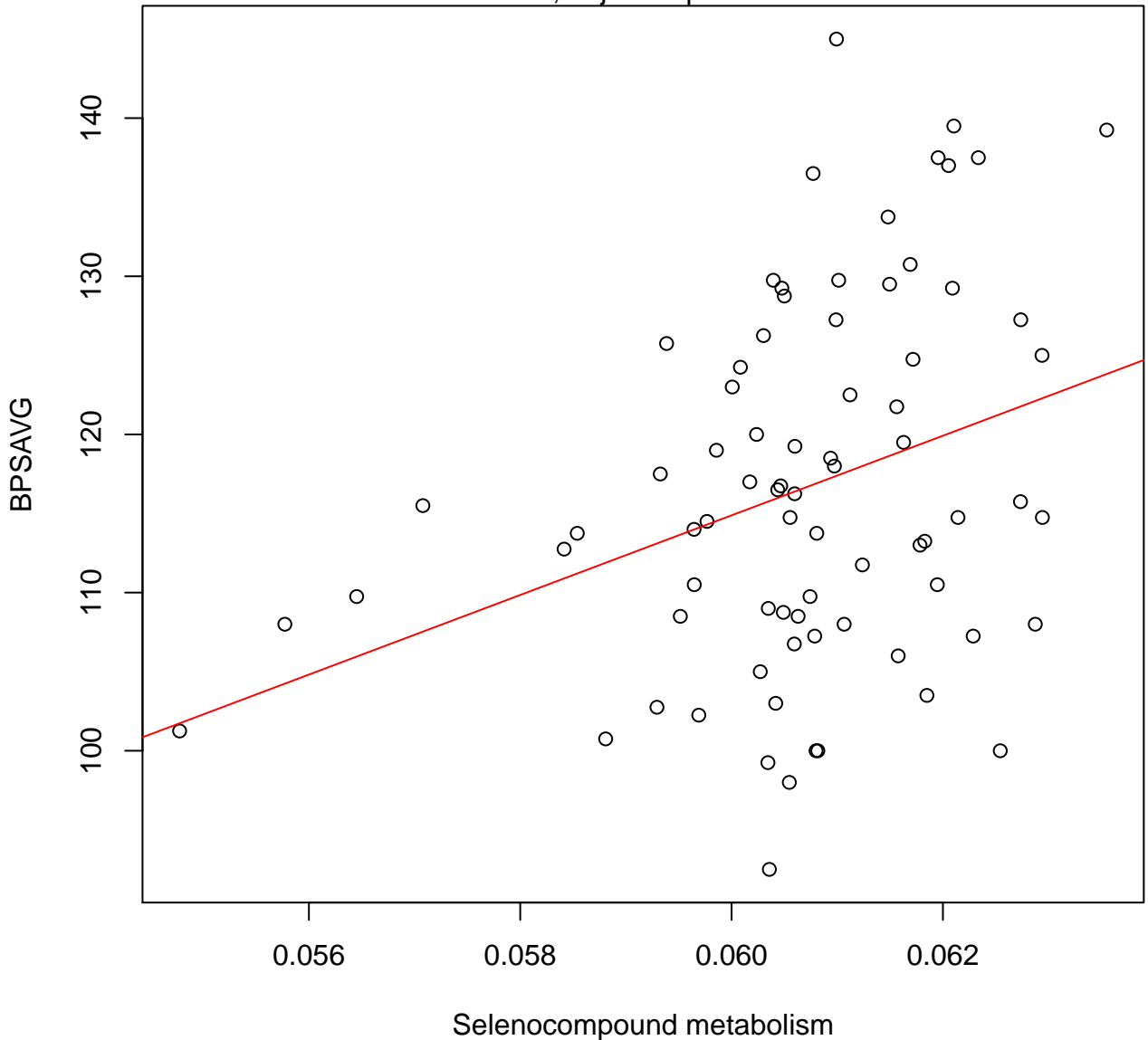
Timepoint 1 , BPSAVG ~ Pyruvate metabolism

Rho = -0.225884272945019 , adjusted pvalue = 0.158029997289395



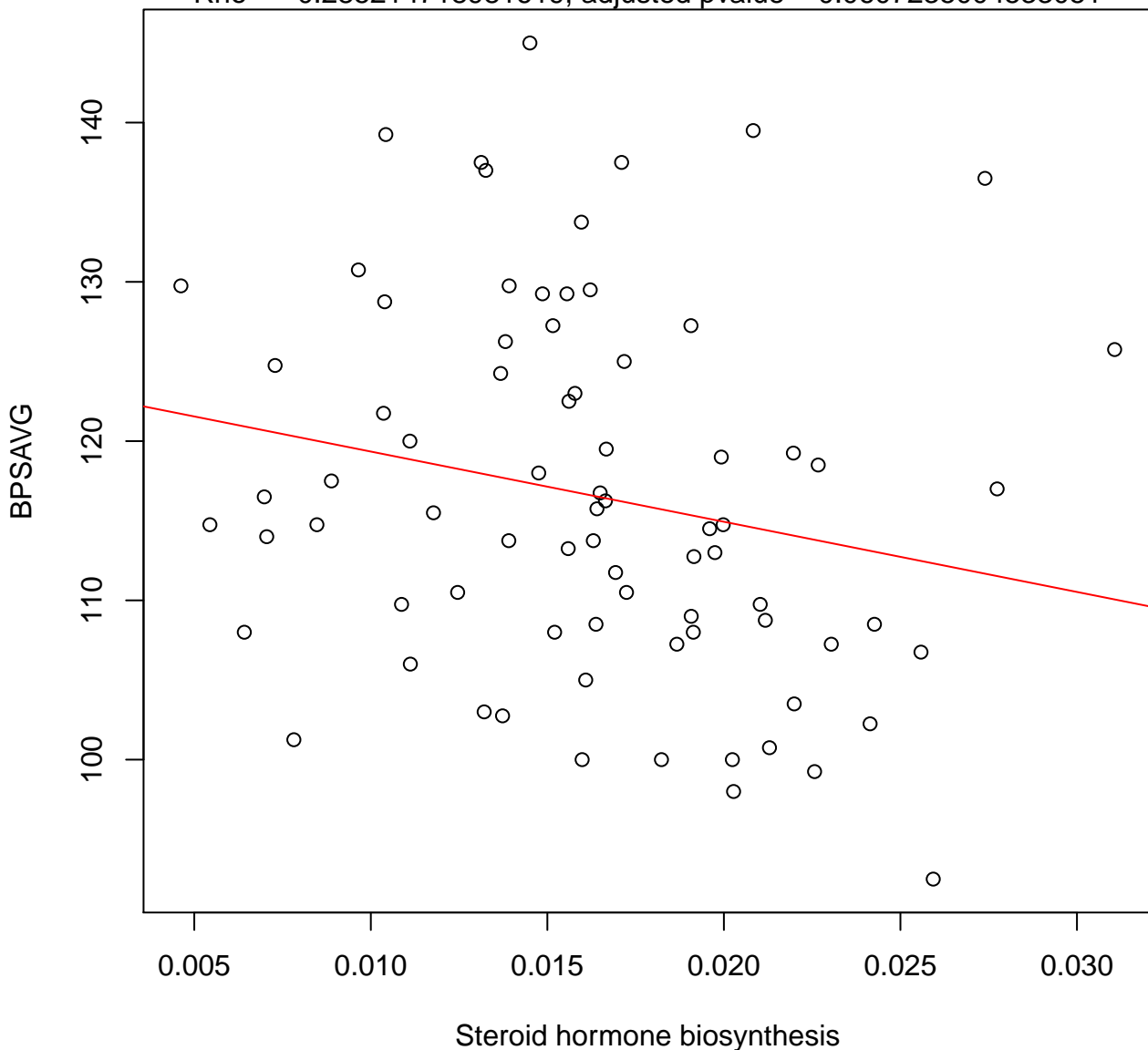
Timepoint 1 , BPSAVG ~ Selenocompound metabolism

Rho = 0.305828532273308, adjusted pvalue = 0.0554127086881244



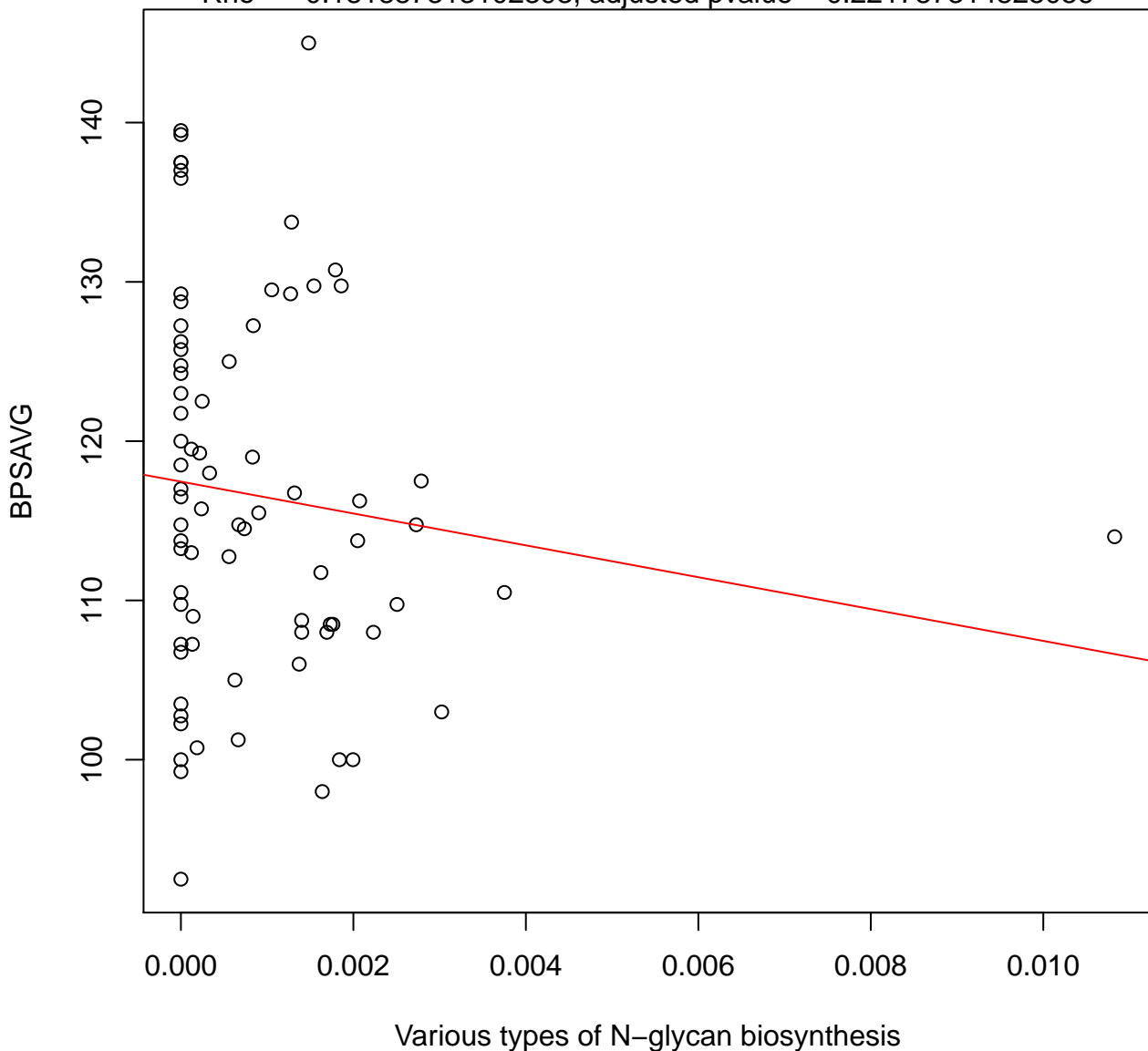
Timepoint 1 , BPSAVG ~ Steroid hormone biosynthesis

Rho = -0.285214718981619 , adjusted pvalue = 0.0607235004533051



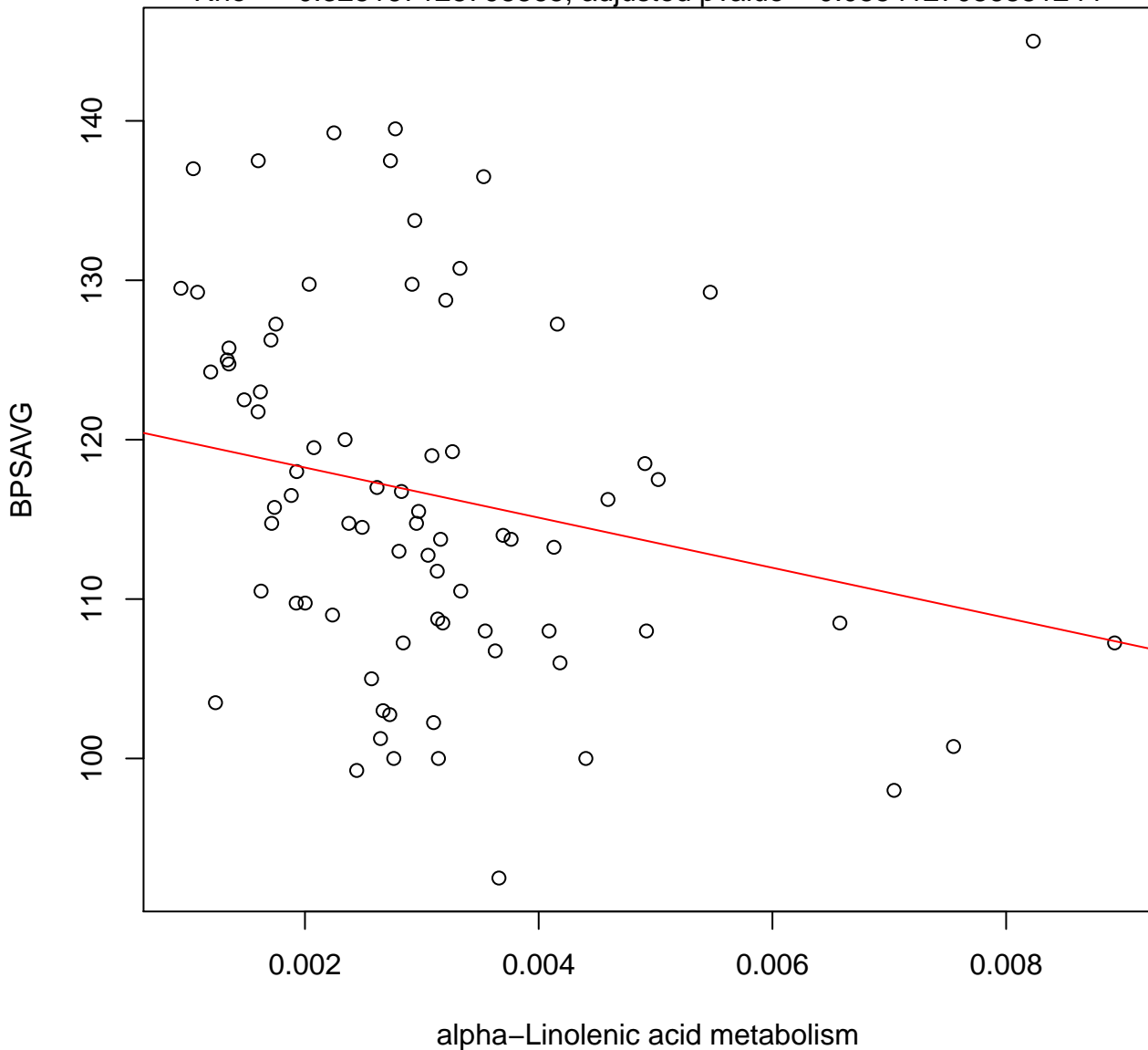
Timepoint 1 , BPSAVG ~ Various types of N-glycan biosynthesis

Rho = -0.181887313102393 , adjusted pvalue = 0.221787314825056



Timepoint 1 , BPSAVG ~ alpha-Linolenic acid metabolism

Rho = -0.325167128798865 , adjusted pvalue = 0.0554127086881244



Timepoint 1 , BPSAVG ~ beta-Alanine metabolism

Rho = 0.296270979809623, adjusted pvalue = 0.0554127086881244

