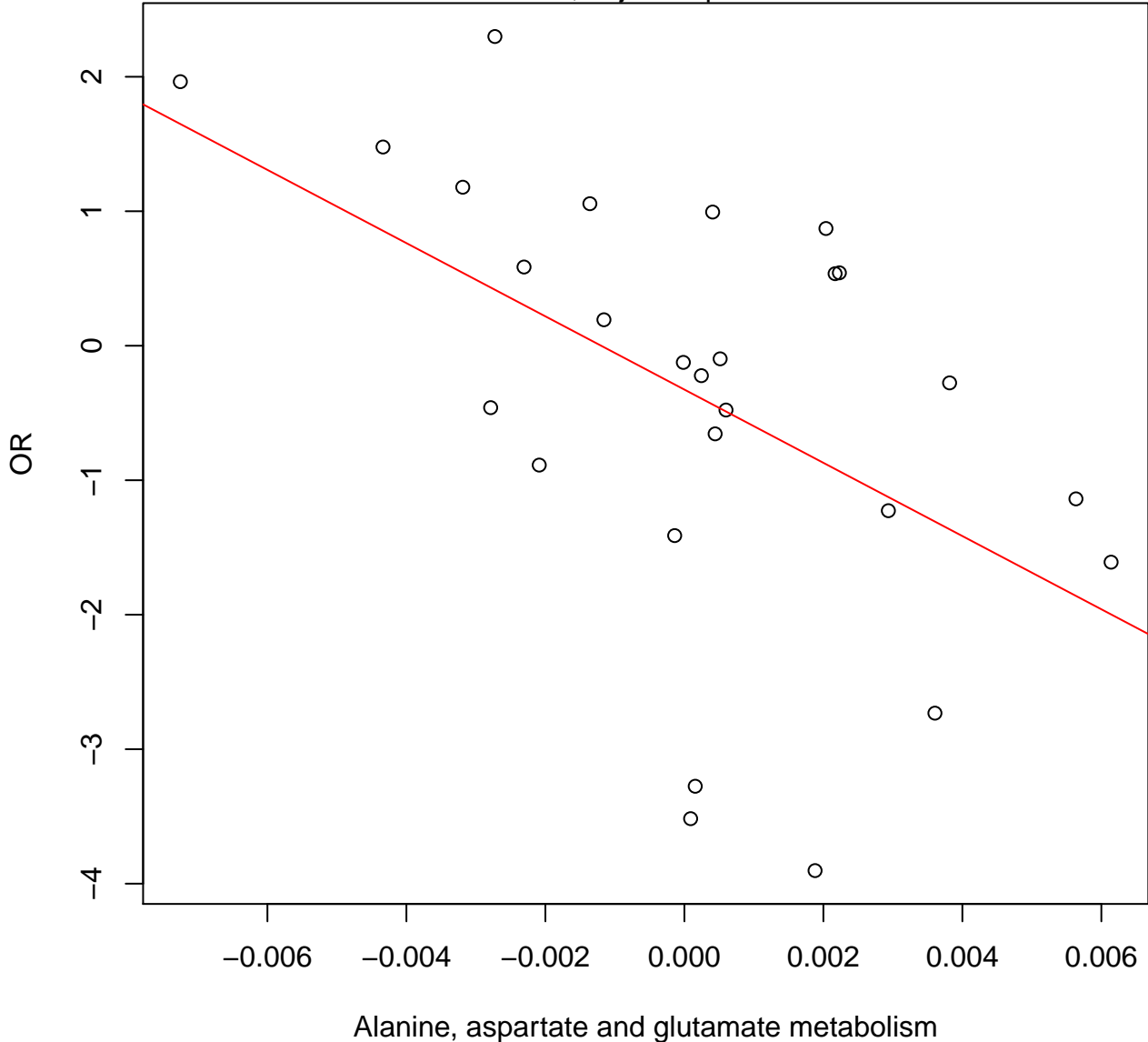


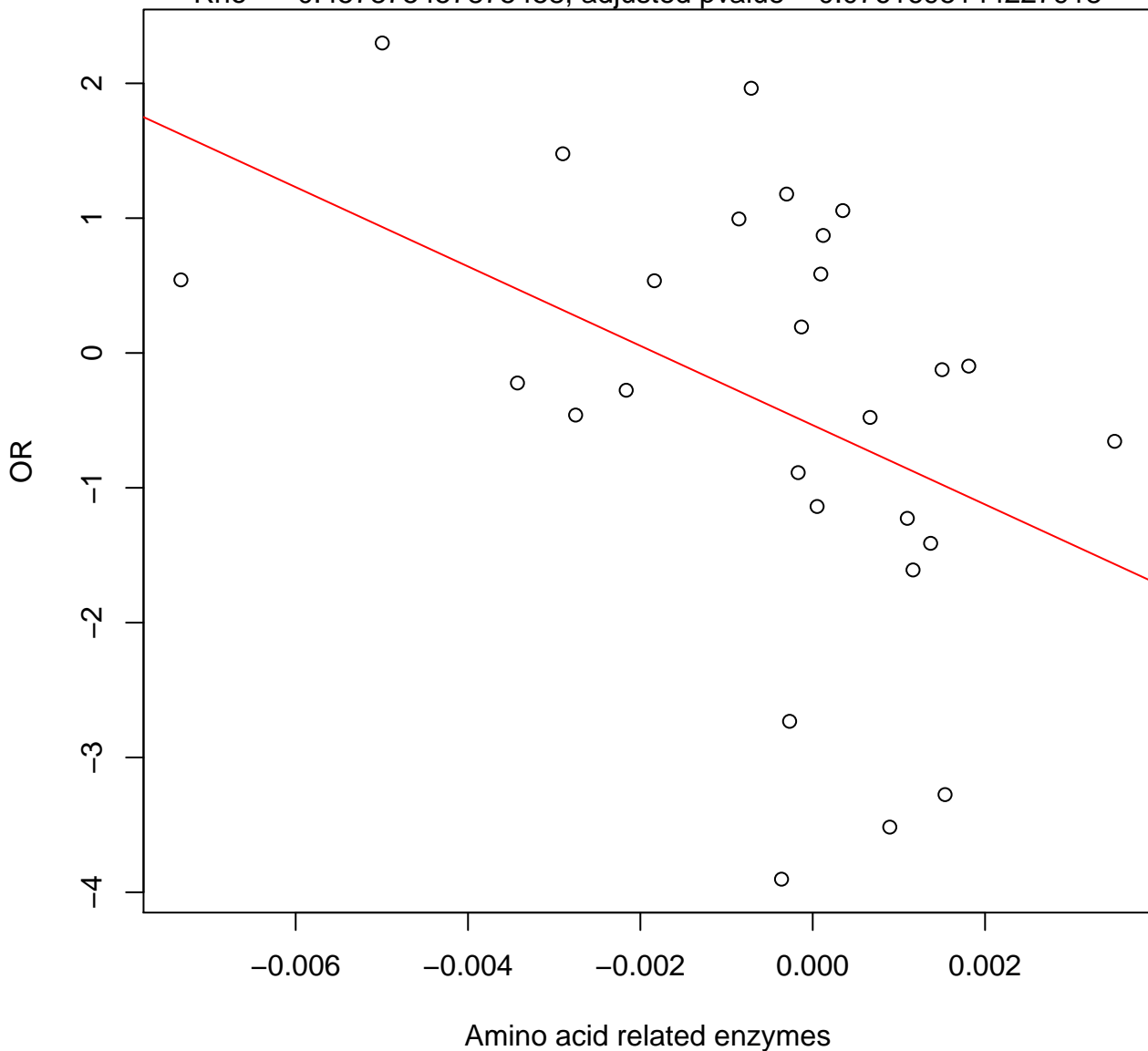
Group A, Delta OR ~ Delta Alanine, aspartate and glutamate metabolism

Rho = -0.510989010989011, adjusted pvalue = 0.065448600636407



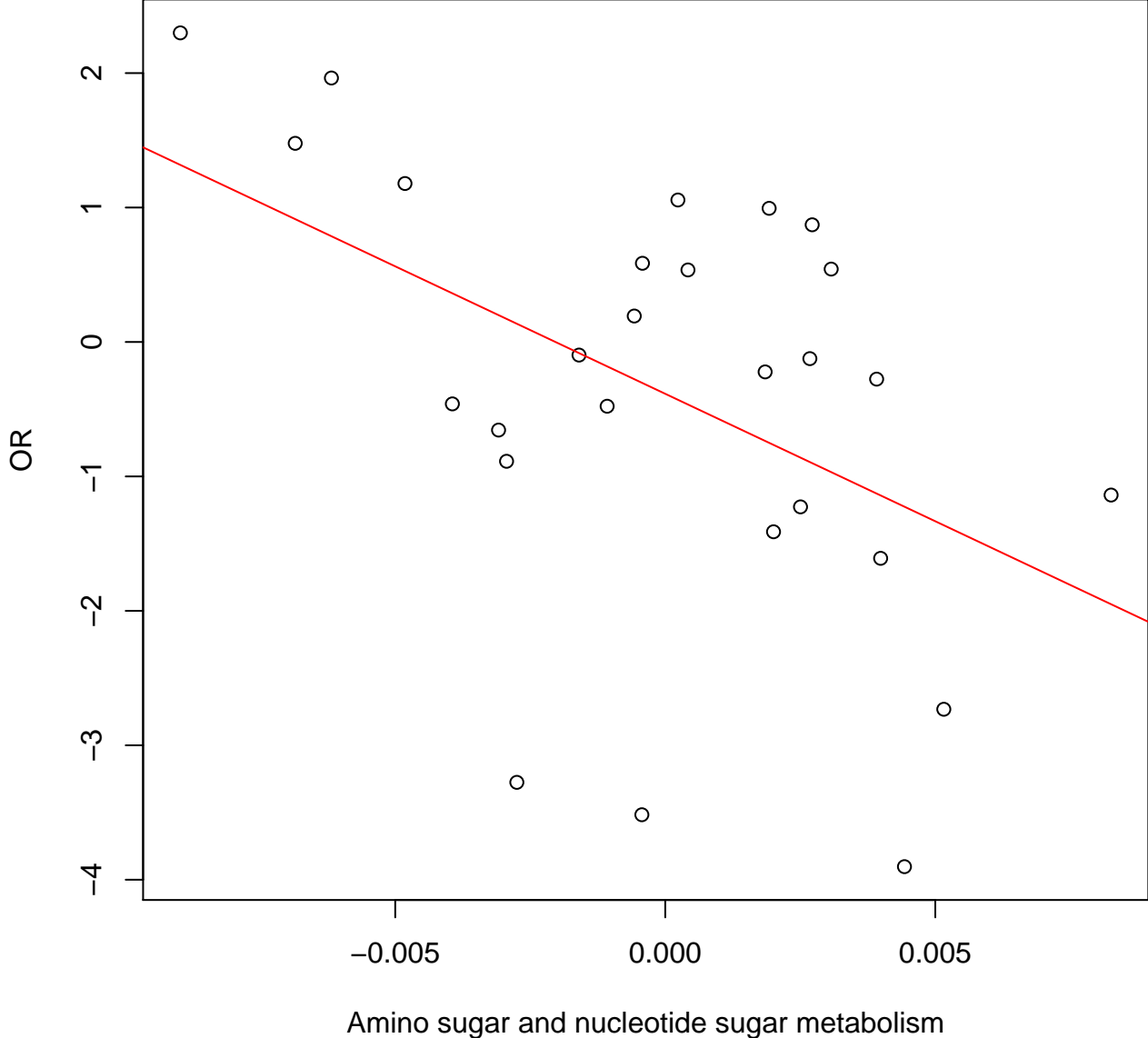
Group A, Delta OR ~ Delta Amino acid related enzymes

Rho = -0.457875457875458 , adjusted pvalue = 0.0761695144227918



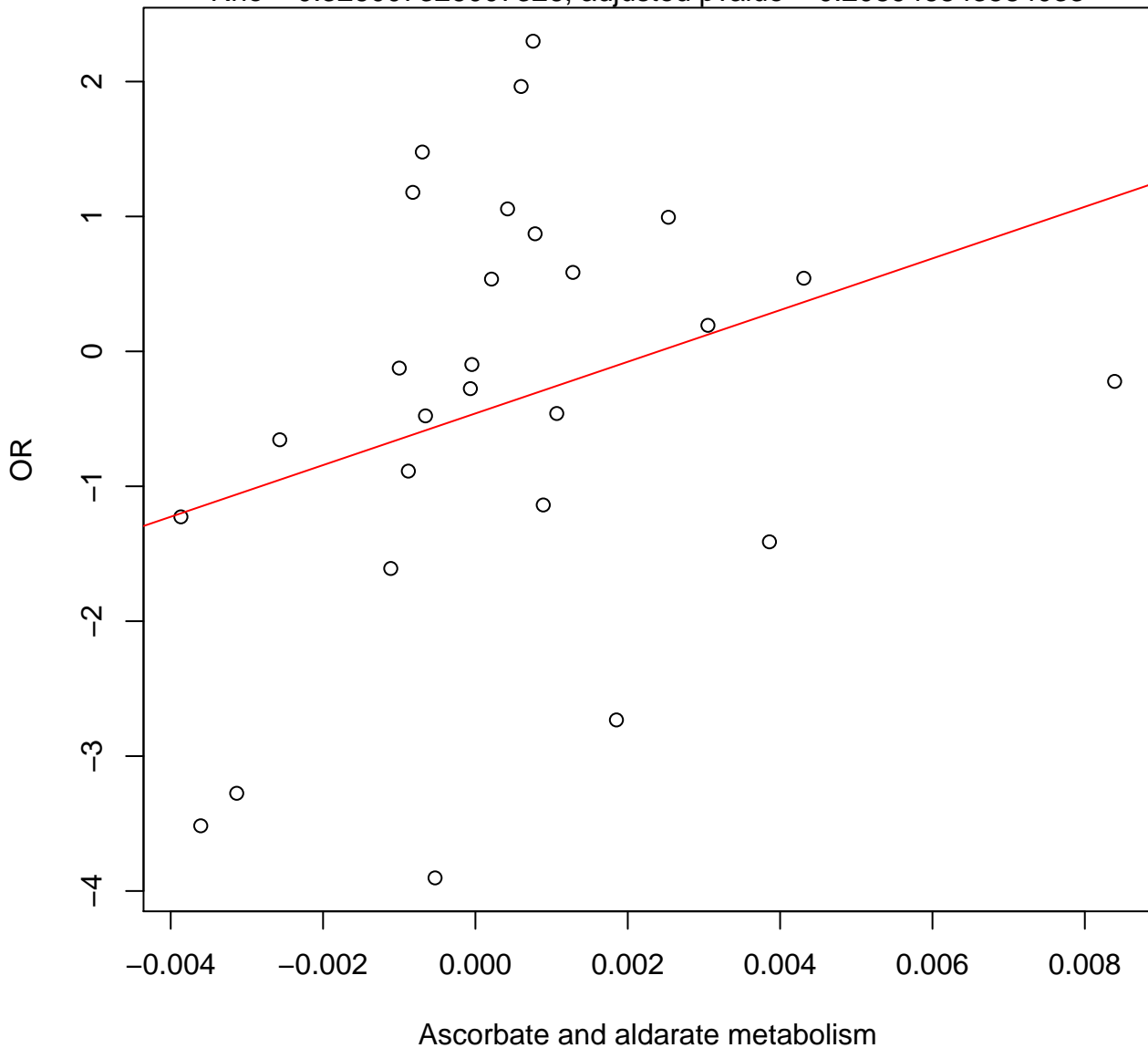
Group A, Delta OR ~ Delta Amino sugar and nucleotide sugar metabolism

Rho = -0.460927960927961 , adjusted pvalue = 0.0761695144227918



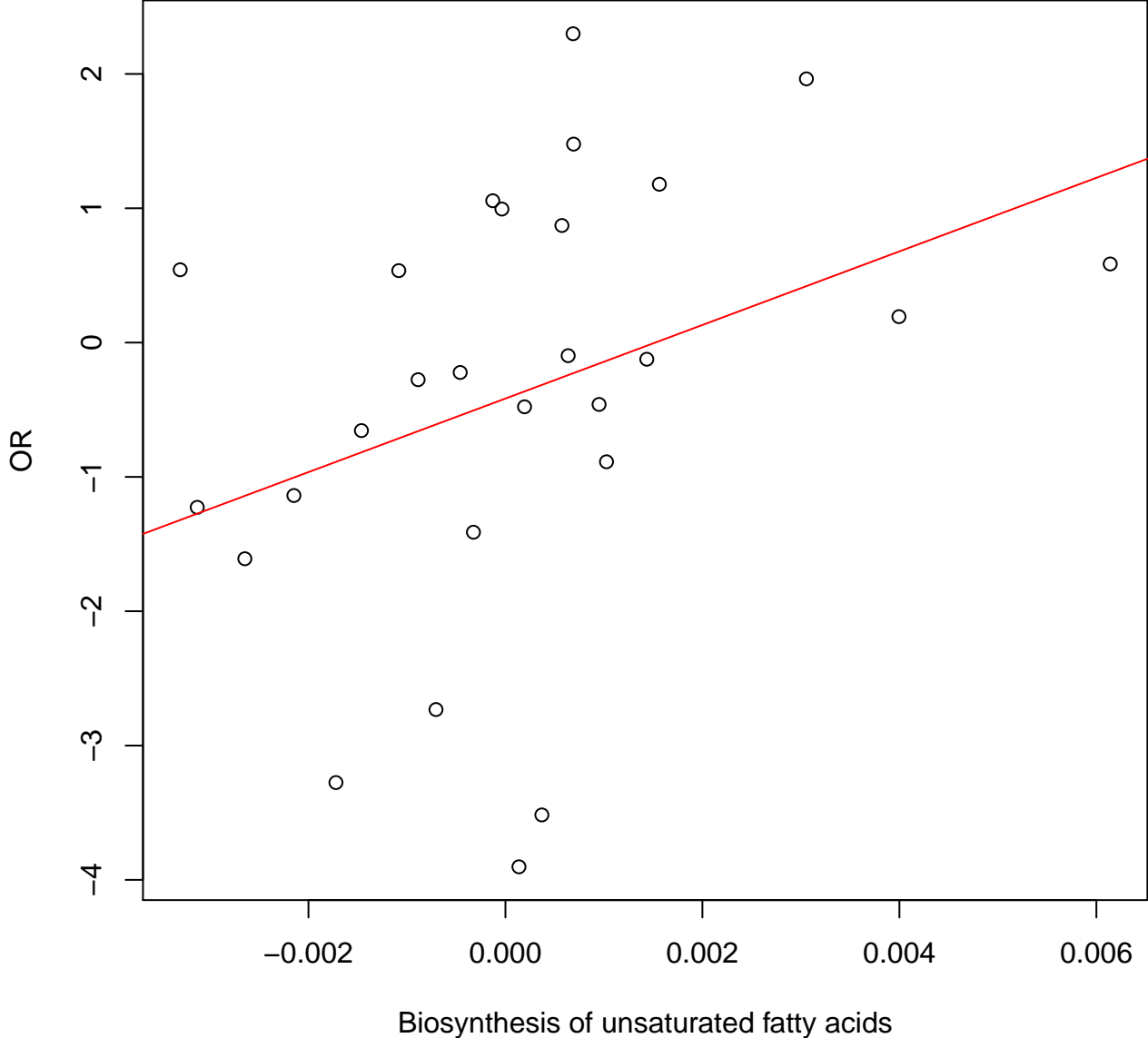
Group A, Delta OR ~ Delta Ascorbate and aldarate metabolism

Rho = 0.326007326007326, adjusted pvalue = 0.208946843584033



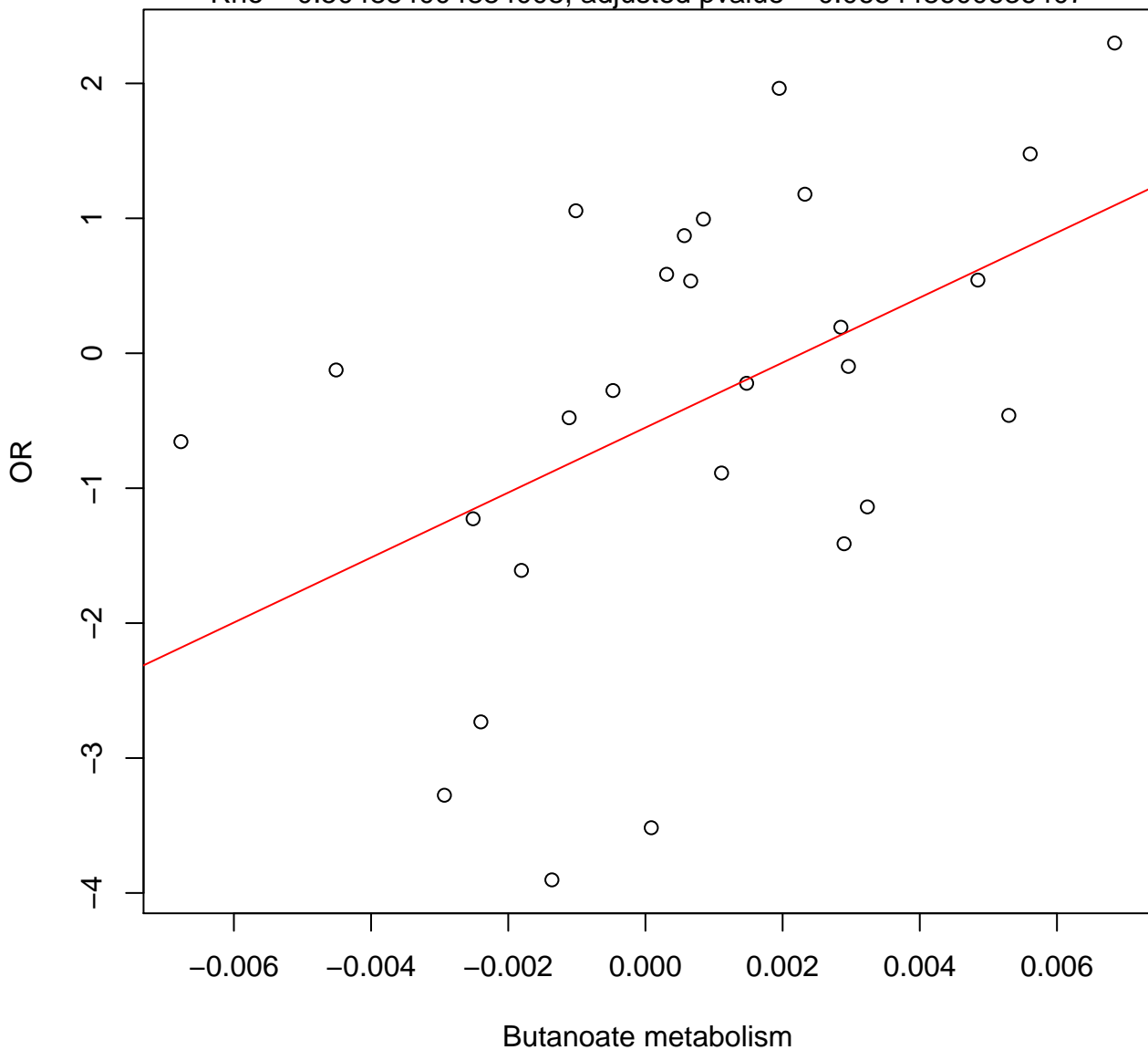
Group A, Delta OR ~ Delta Biosynthesis of unsaturated fatty acids

Rho = 0.469474969474969, adjusted pvalue = 0.0761695144227918



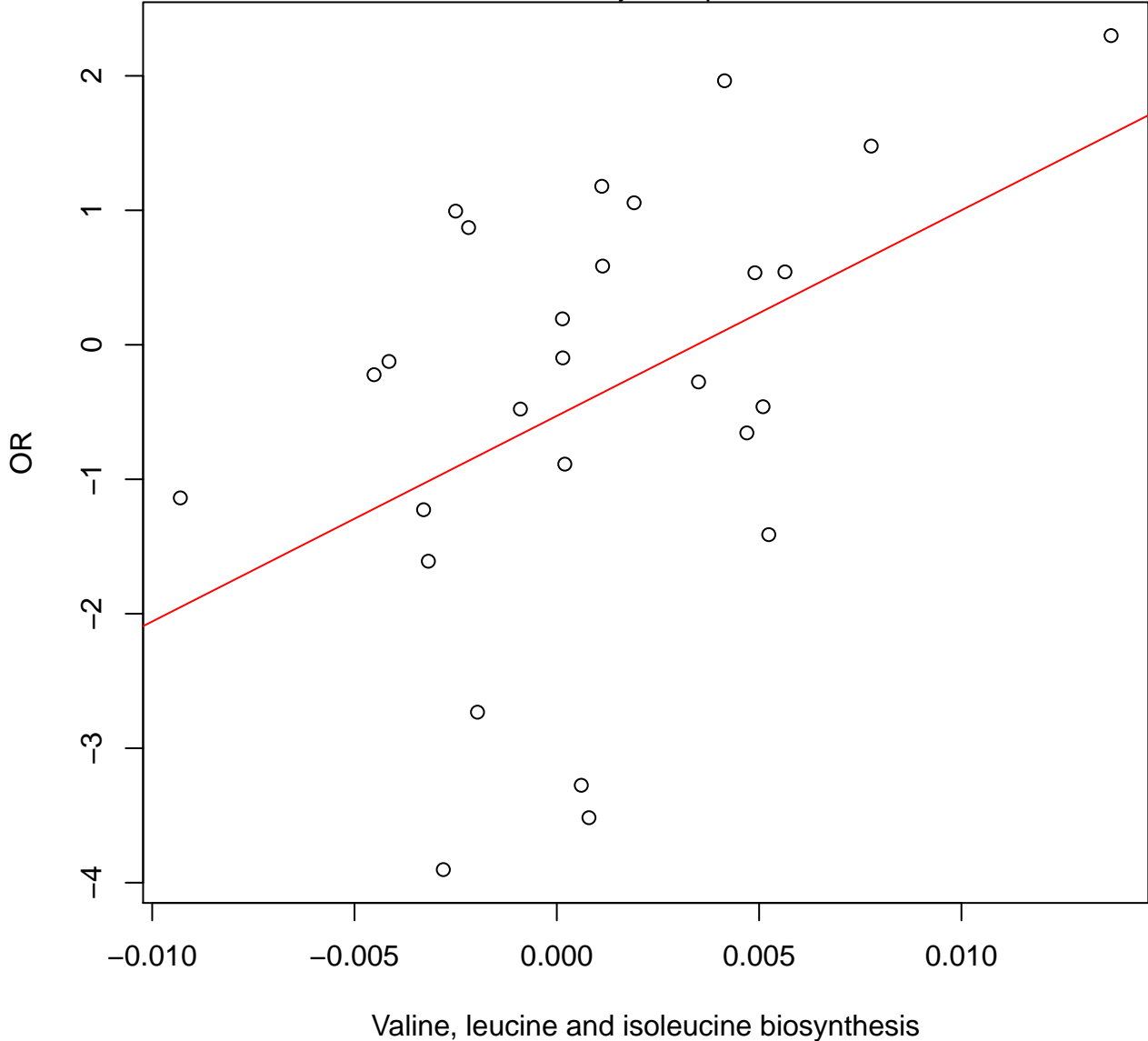
Group A, Delta OR ~ Delta Butanoate metabolism

Rho = 0.504884004884005, adjusted pvalue = 0.065448600636407



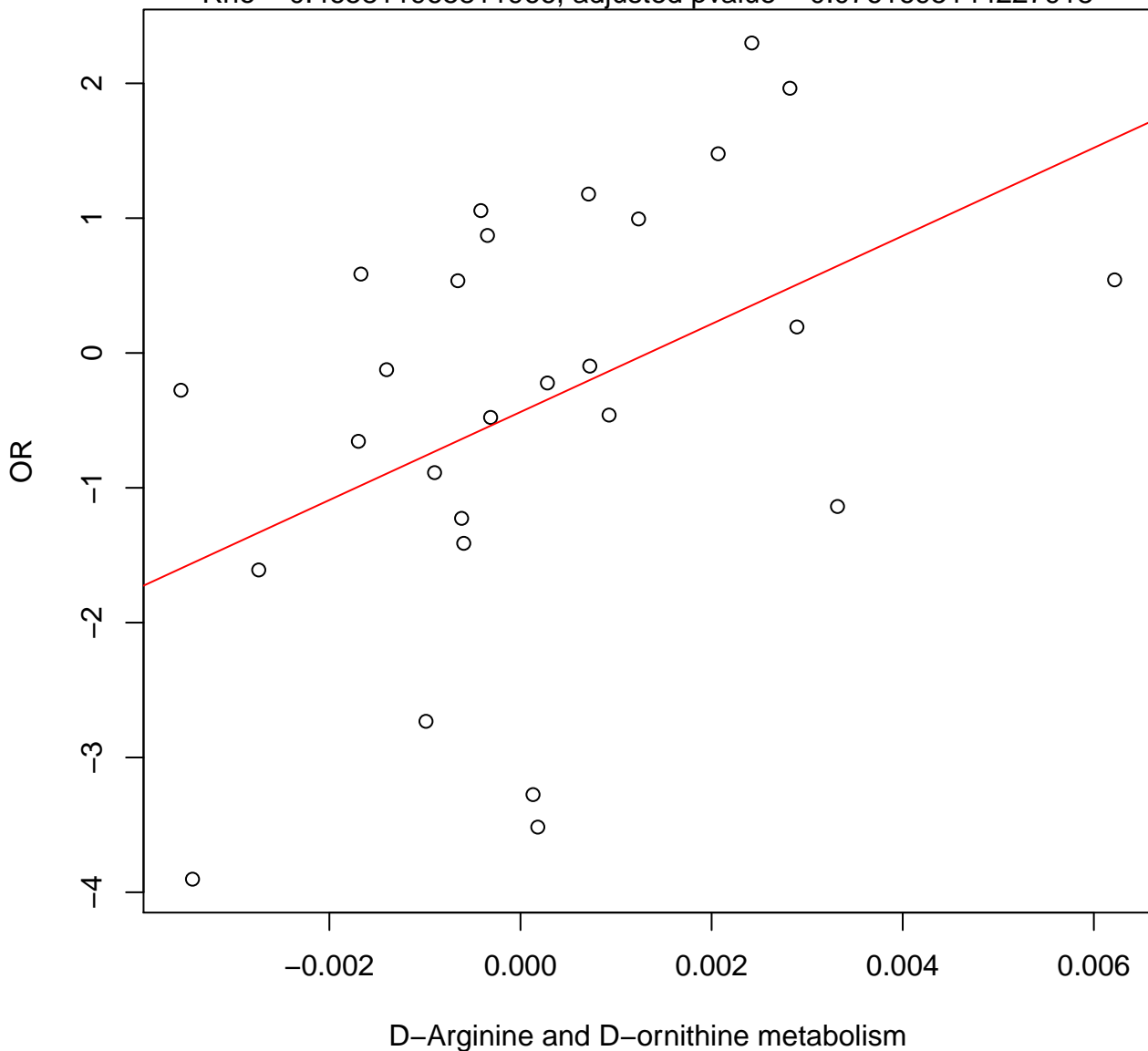
Group A, Delta OR ~ Delta Valine, leucine and isoleucine biosynthesis

Rho = 0.408424908424908, adjusted pvalue = 0.12049000330176



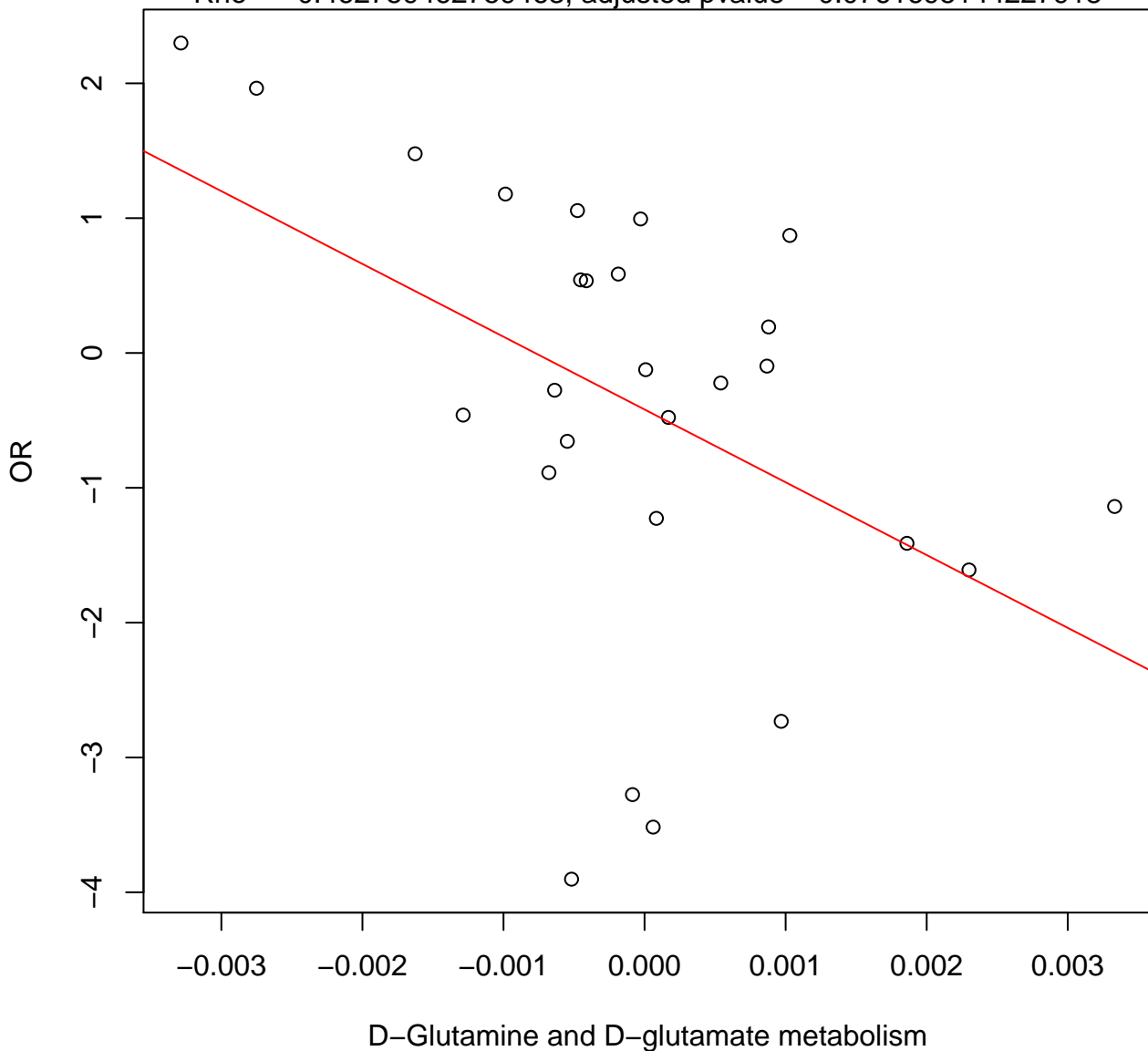
Group A, Delta OR ~ Delta D-Arginine and D-ornithine metabolism

Rho = 0.465811965811966, adjusted pvalue = 0.0761695144227918



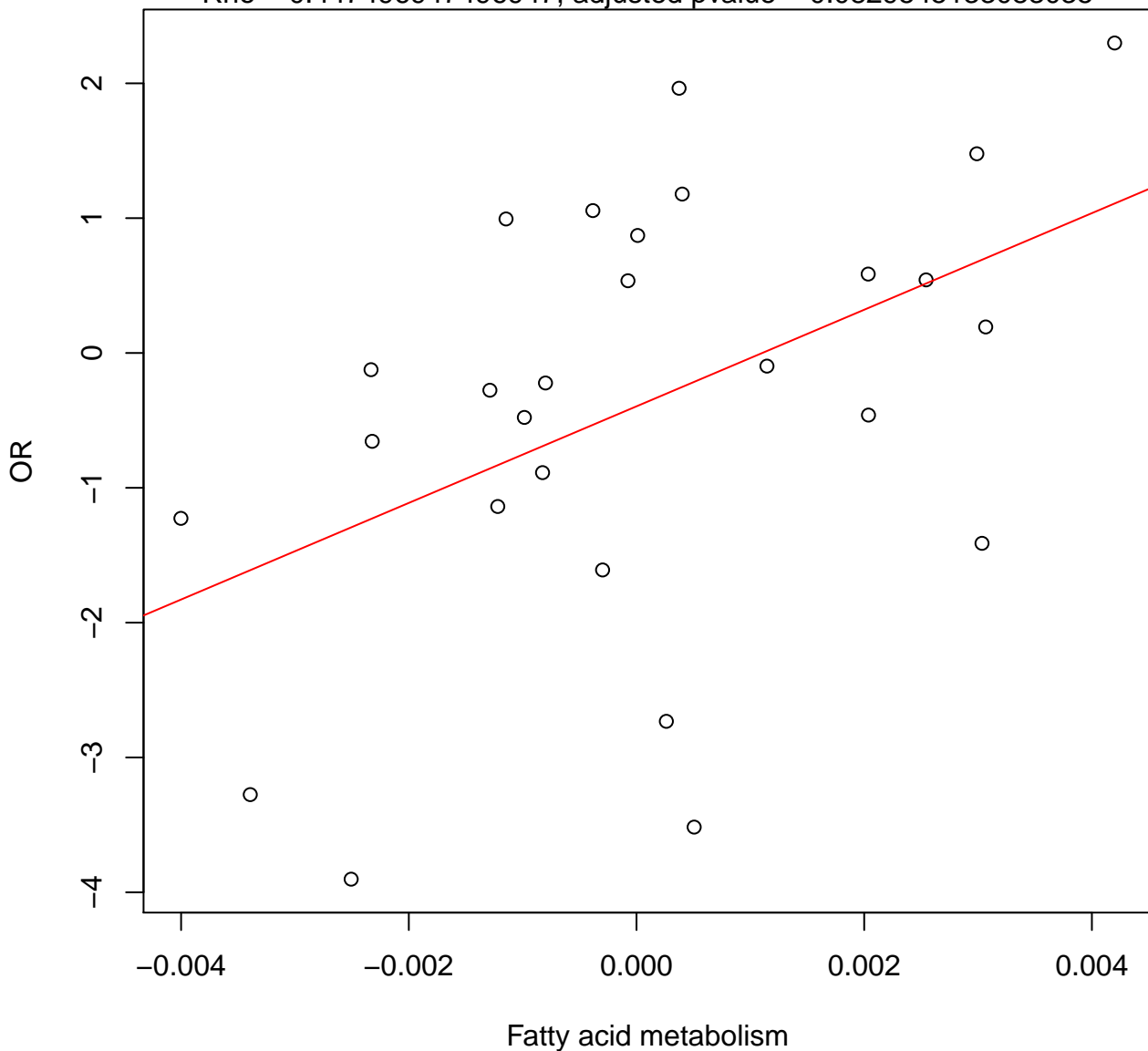
Group A, Delta OR ~ Delta D-Glutamine and D-glutamate metabolism

Rho = -0.462759462759463 , adjusted pvalue = 0.0761695144227918



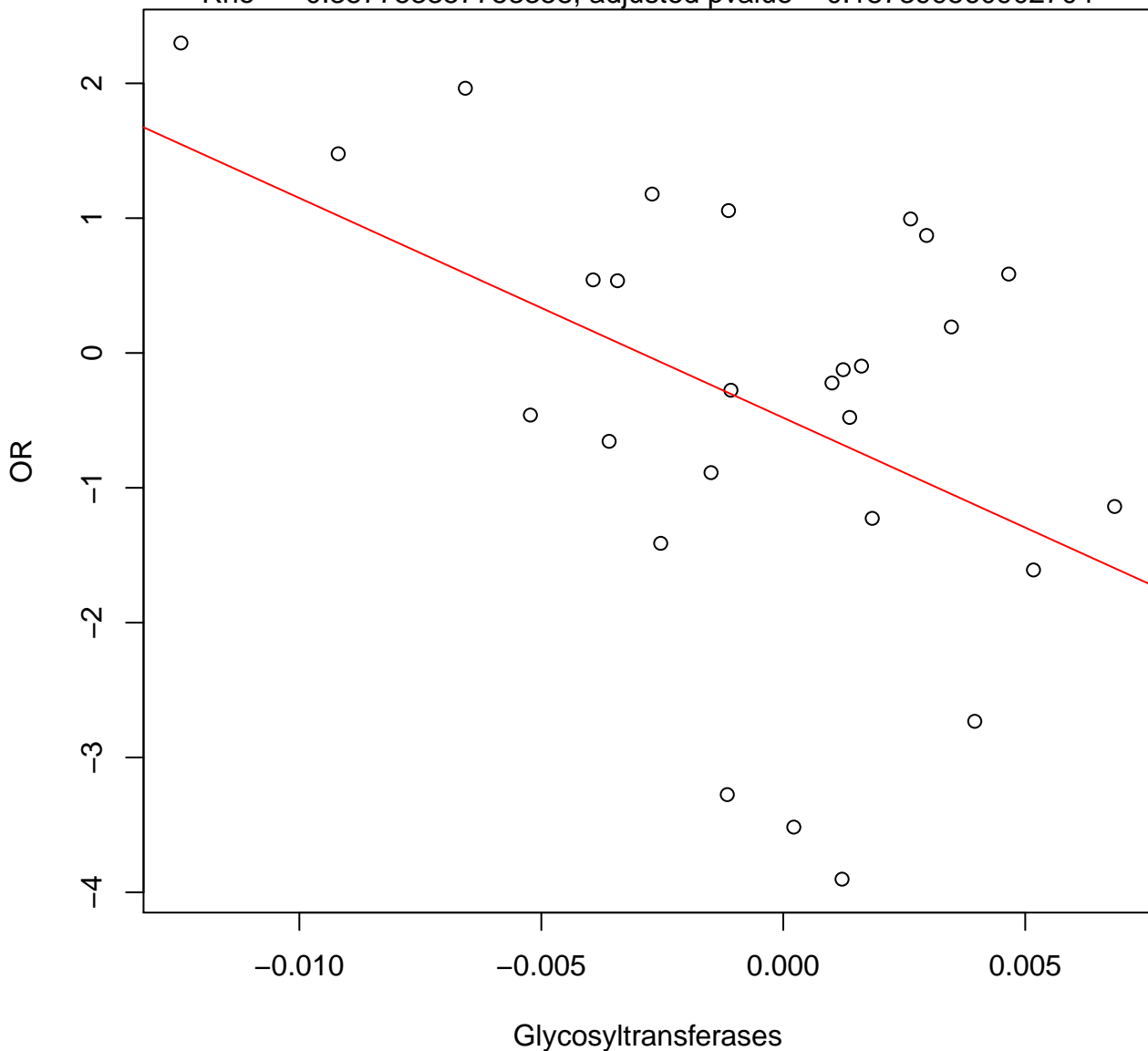
Group A, Delta OR ~ Delta Fatty acid metabolism

Rho = 0.447496947496947, adjusted pvalue = 0.0829545133083035



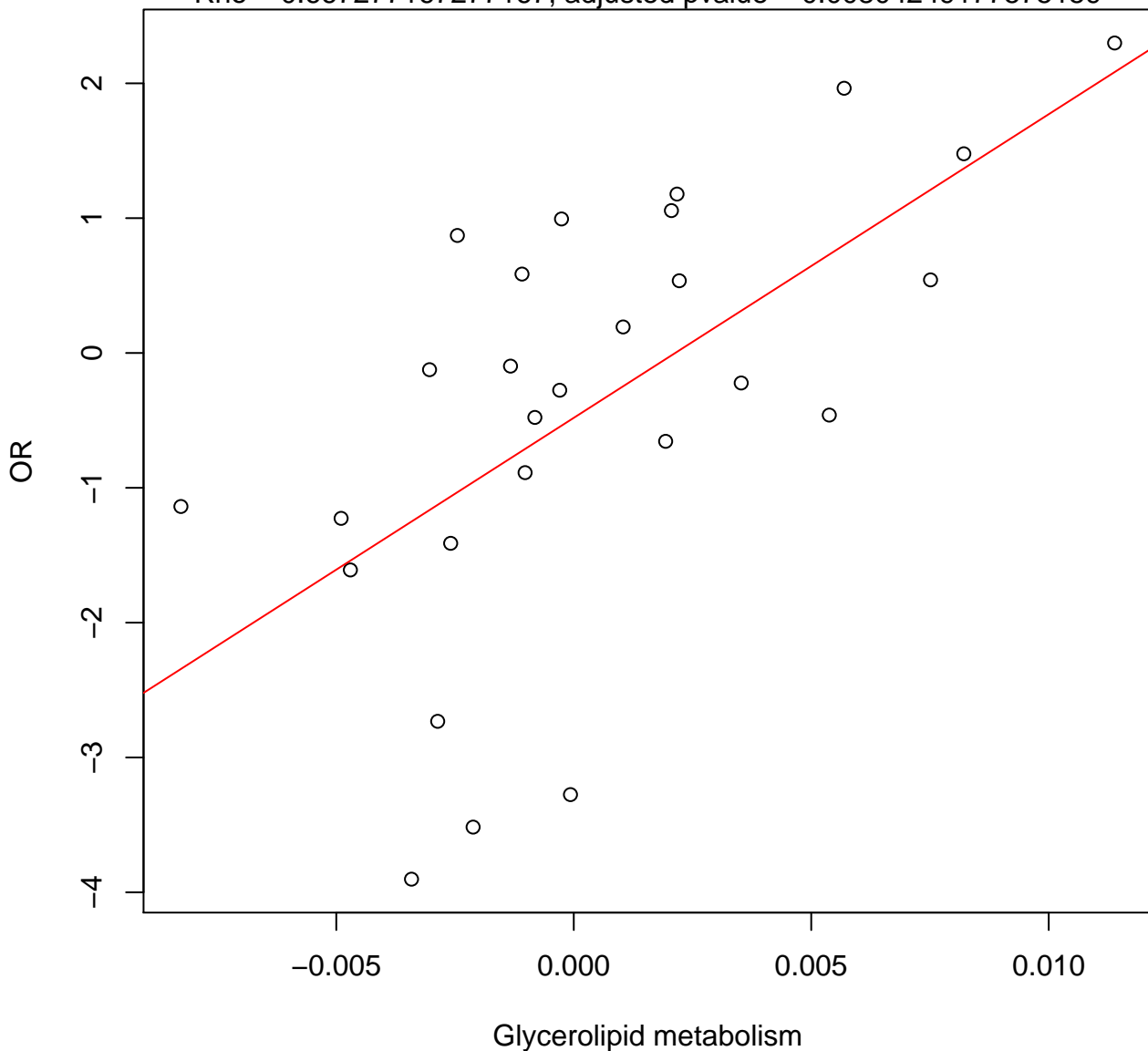
Group A, Delta OR ~ Delta Glycosyltransferases

Rho = -0.357753357753358, adjusted pvalue = 0.187399560902704



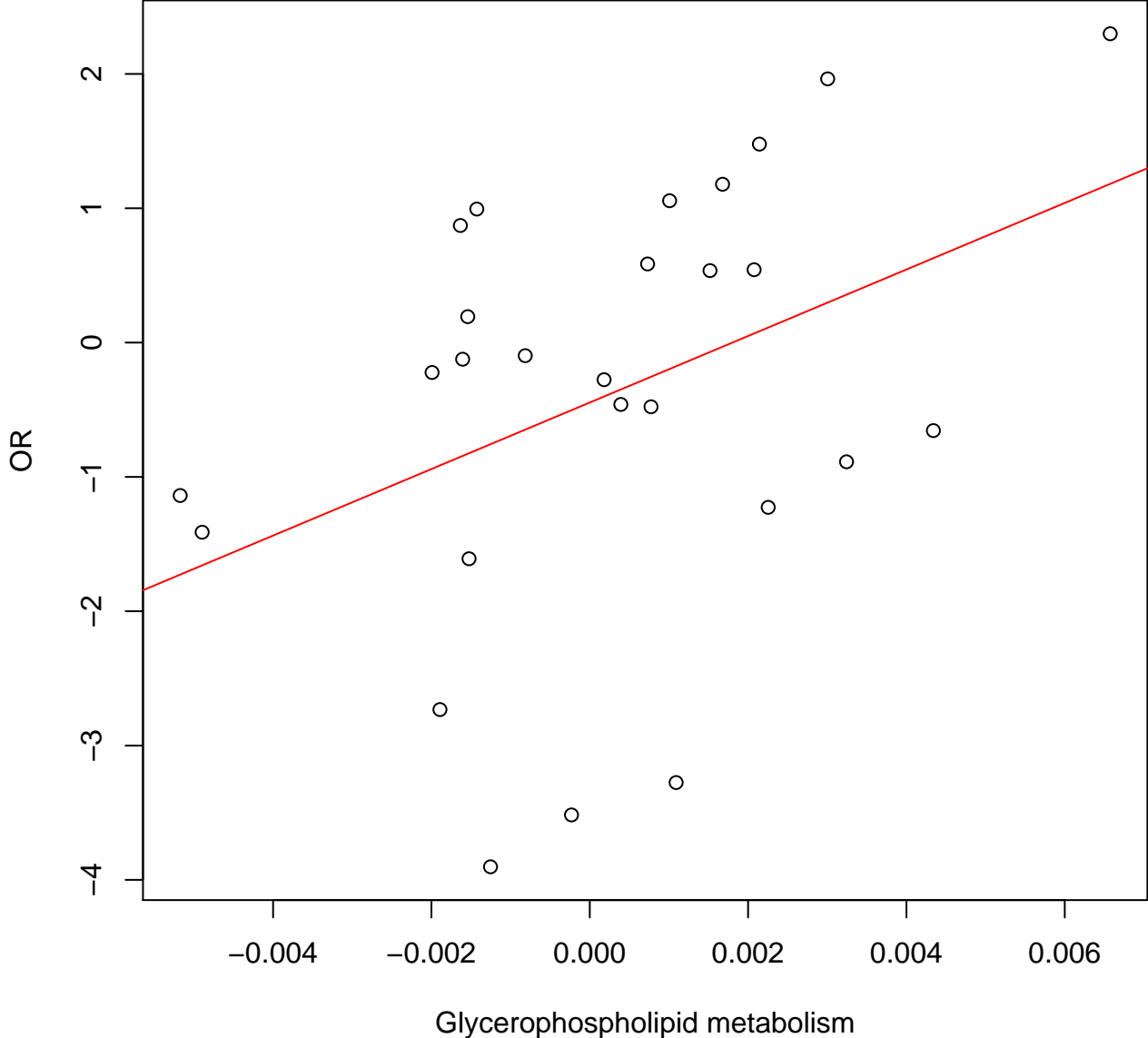
Group A, Delta OR ~ Delta Glycerolipid metabolism

Rho = 0.667277167277167, adjusted pvalue = 0.00804249177575159



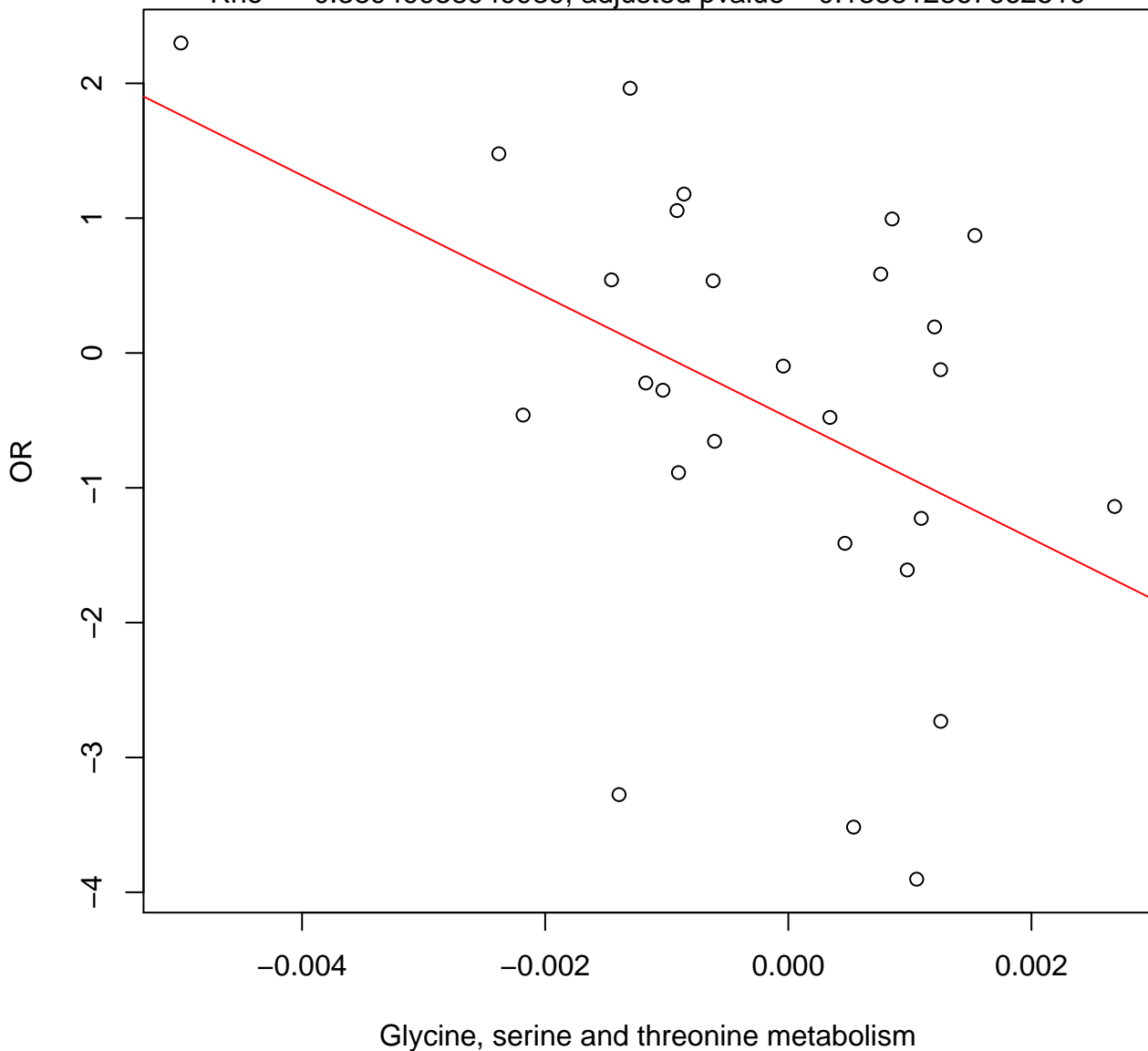
Group A, Delta OR ~ Delta Glycerophospholipid metabolism

Rho = 0.351648351648352, adjusted pvalue = 0.18888176946494



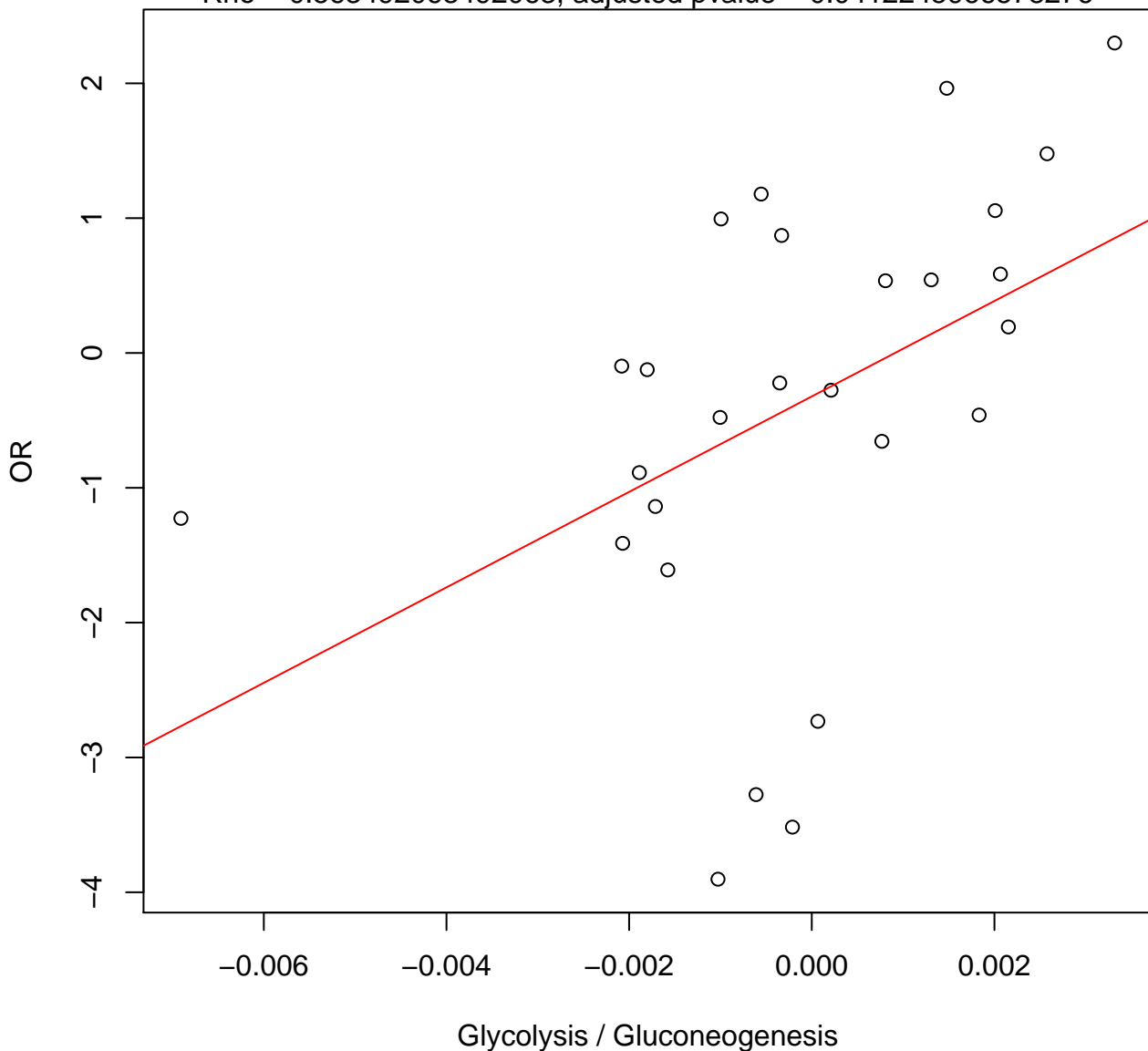
Group A, Delta OR ~ Delta Glycine, serine and threonine metabolism

Rho = -0.38949938949939 , adjusted pvalue = 0.138812367662519



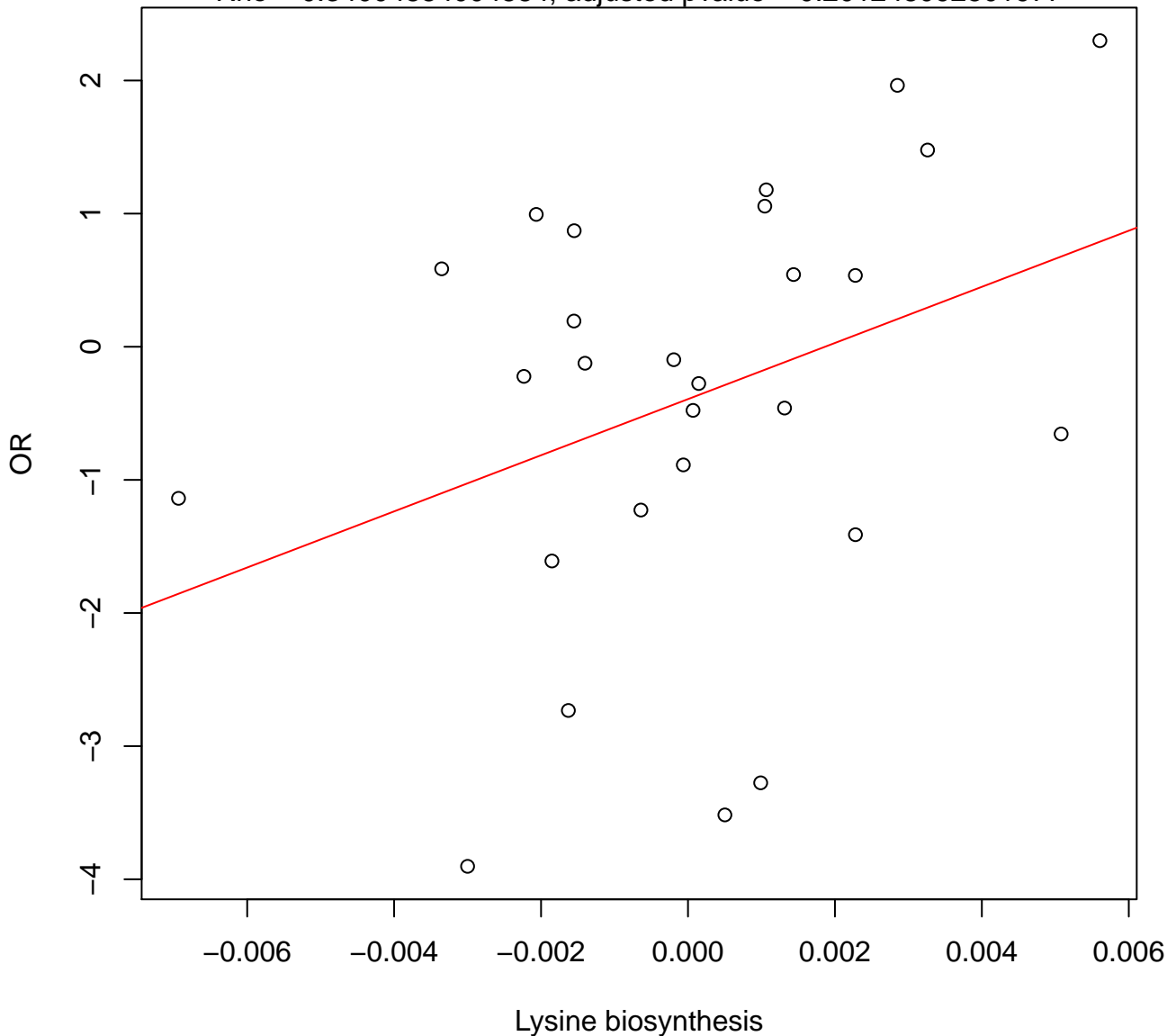
Group A, Delta OR ~ Delta Glycolysis / Gluconeogenesis

Rho = 0.563492063492063, adjusted pvalue = 0.0412245966578276



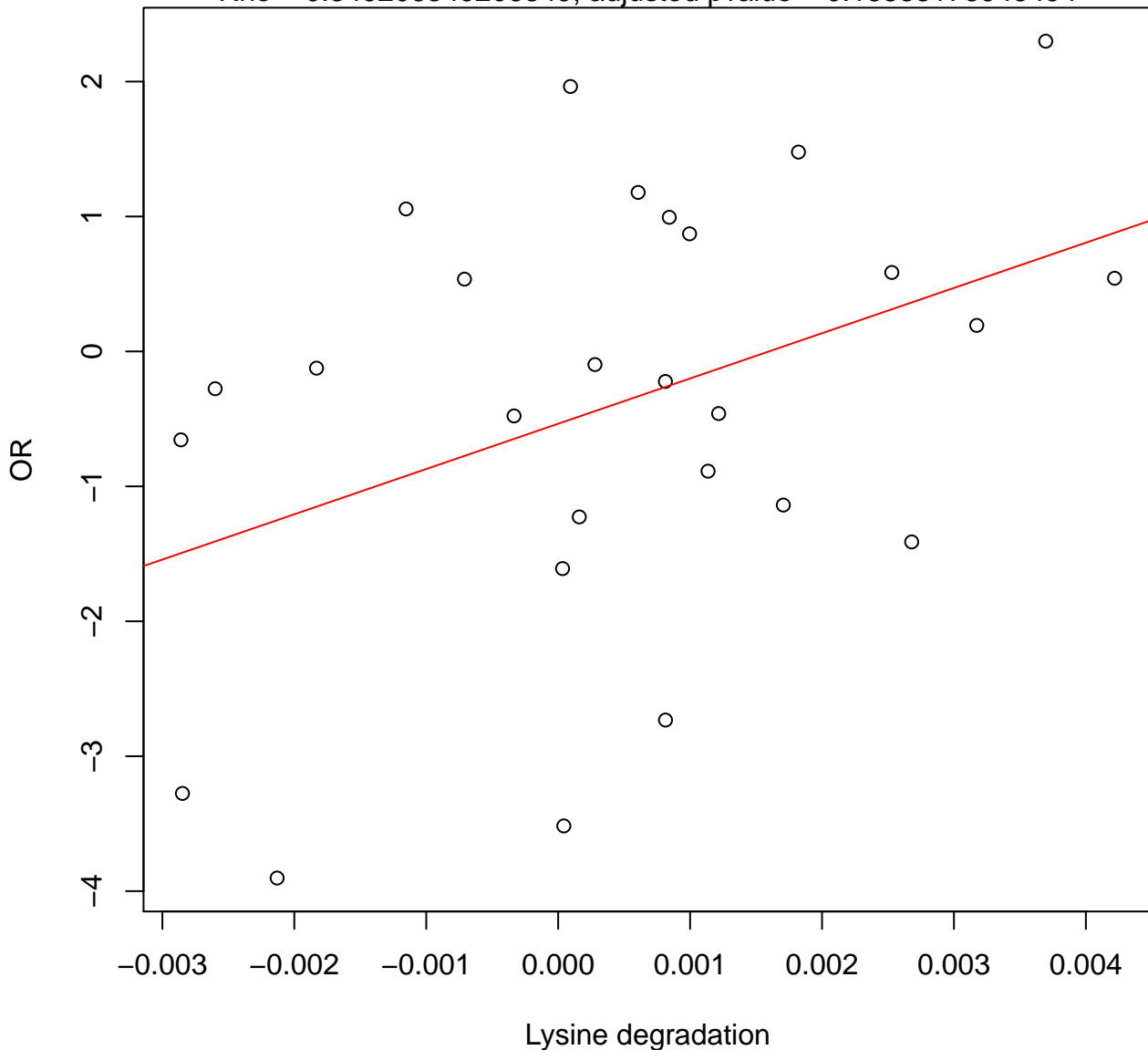
Group A, Delta OR ~ Delta Lysine biosynthesis

Rho = 0.34004884004884, adjusted pvalue = 0.201248092501977



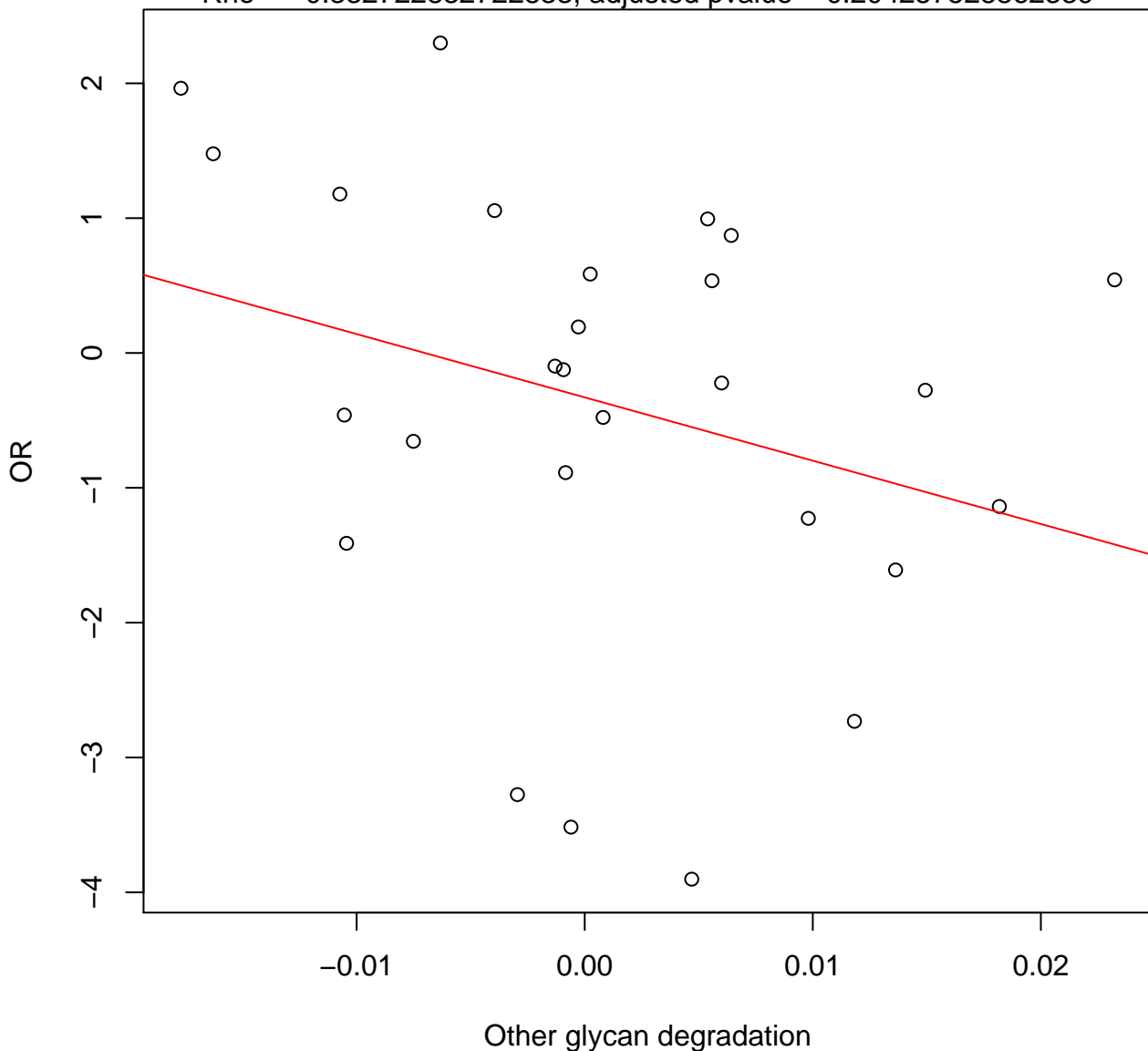
Group A, Delta OR ~ Delta Lysine degradation

Rho = 0.349206349206349, adjusted pvalue = 0.18888176946494



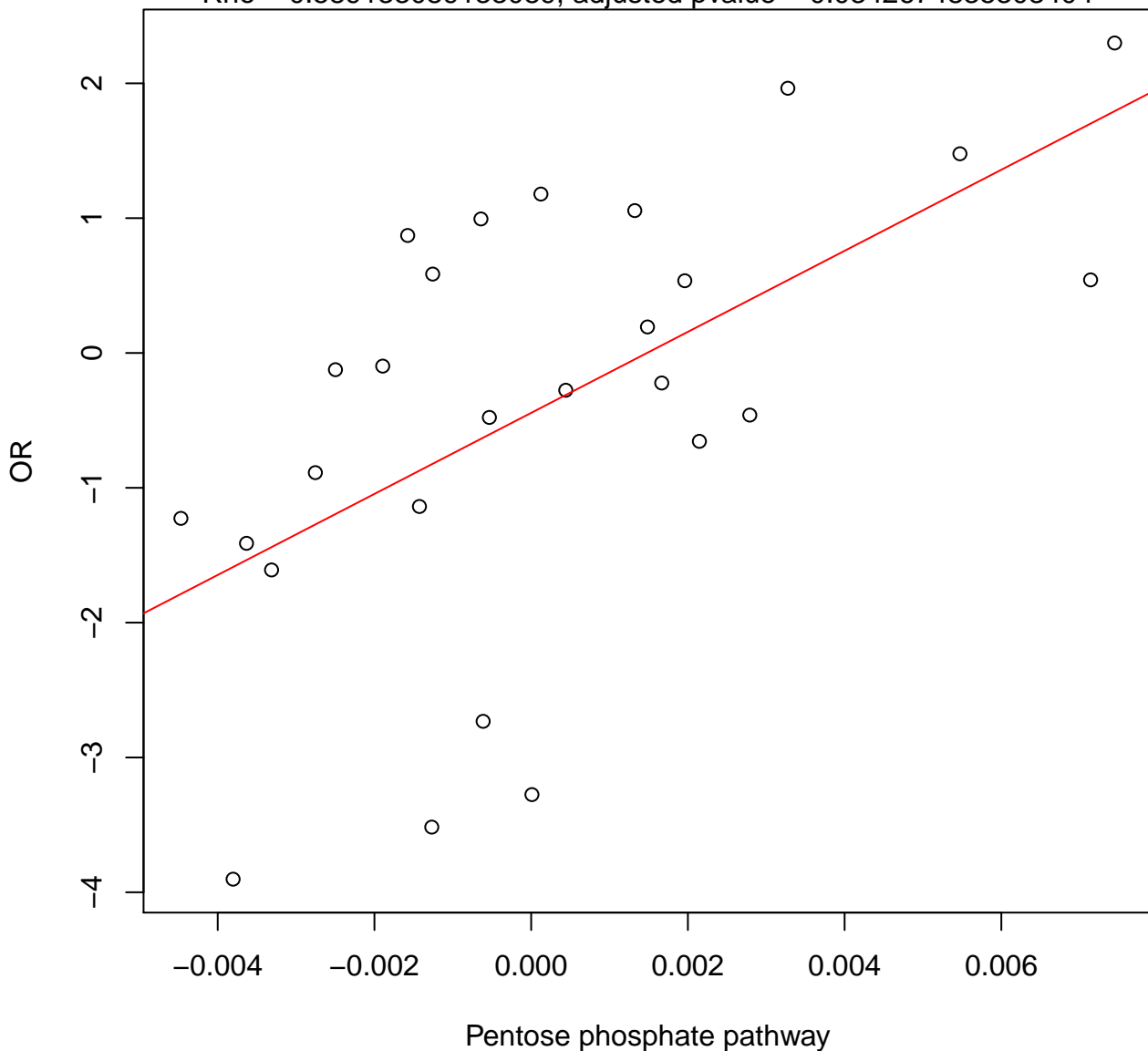
Group A, Delta OR ~ Delta Other glycan degradation

Rho = -0.332722832722833 , adjusted pvalue = 0.204257528862339



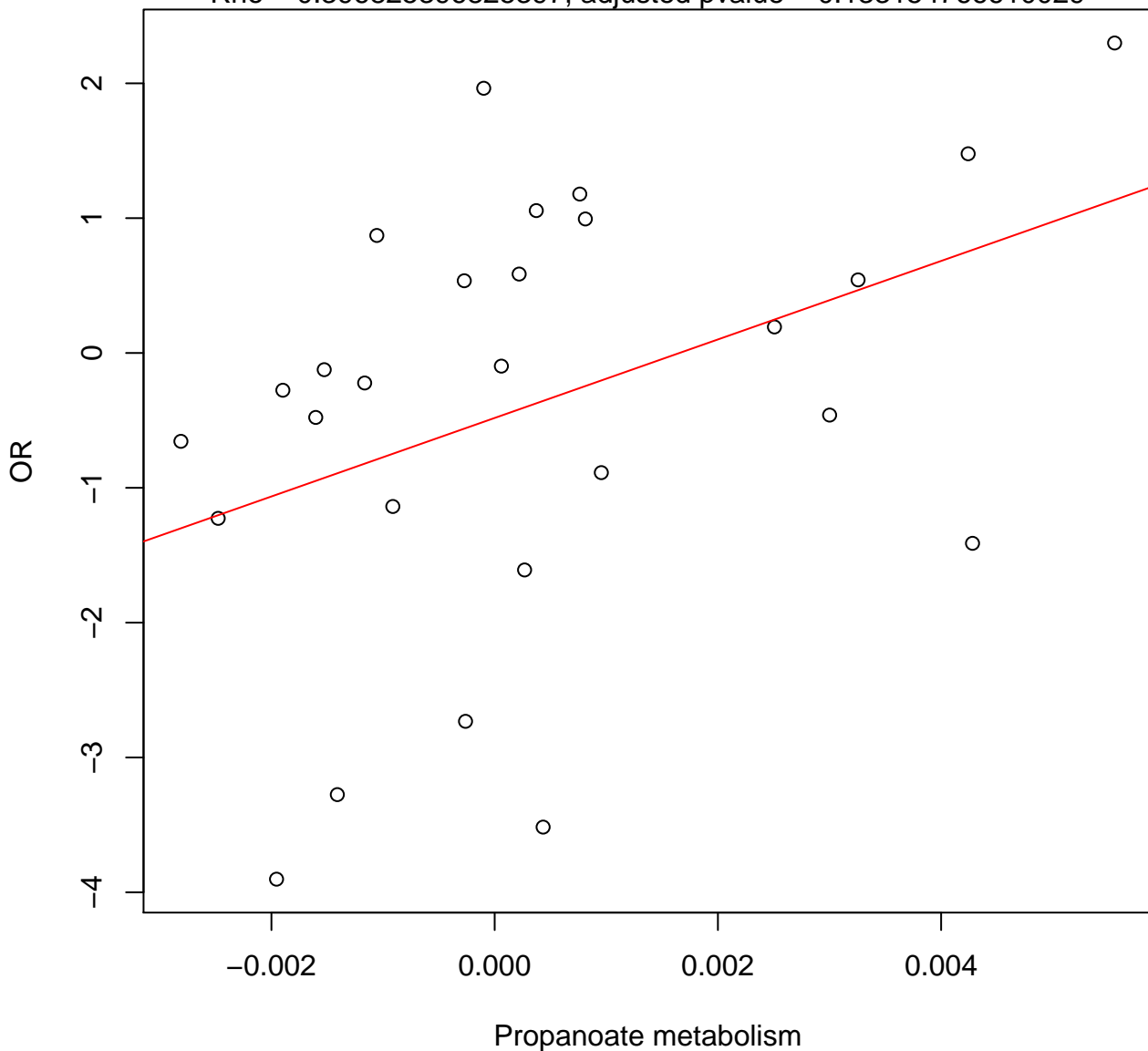
Group A, Delta OR ~ Delta Pentose phosphate pathway

Rho = 0.589133089133089, adjusted pvalue = 0.0342674835303404



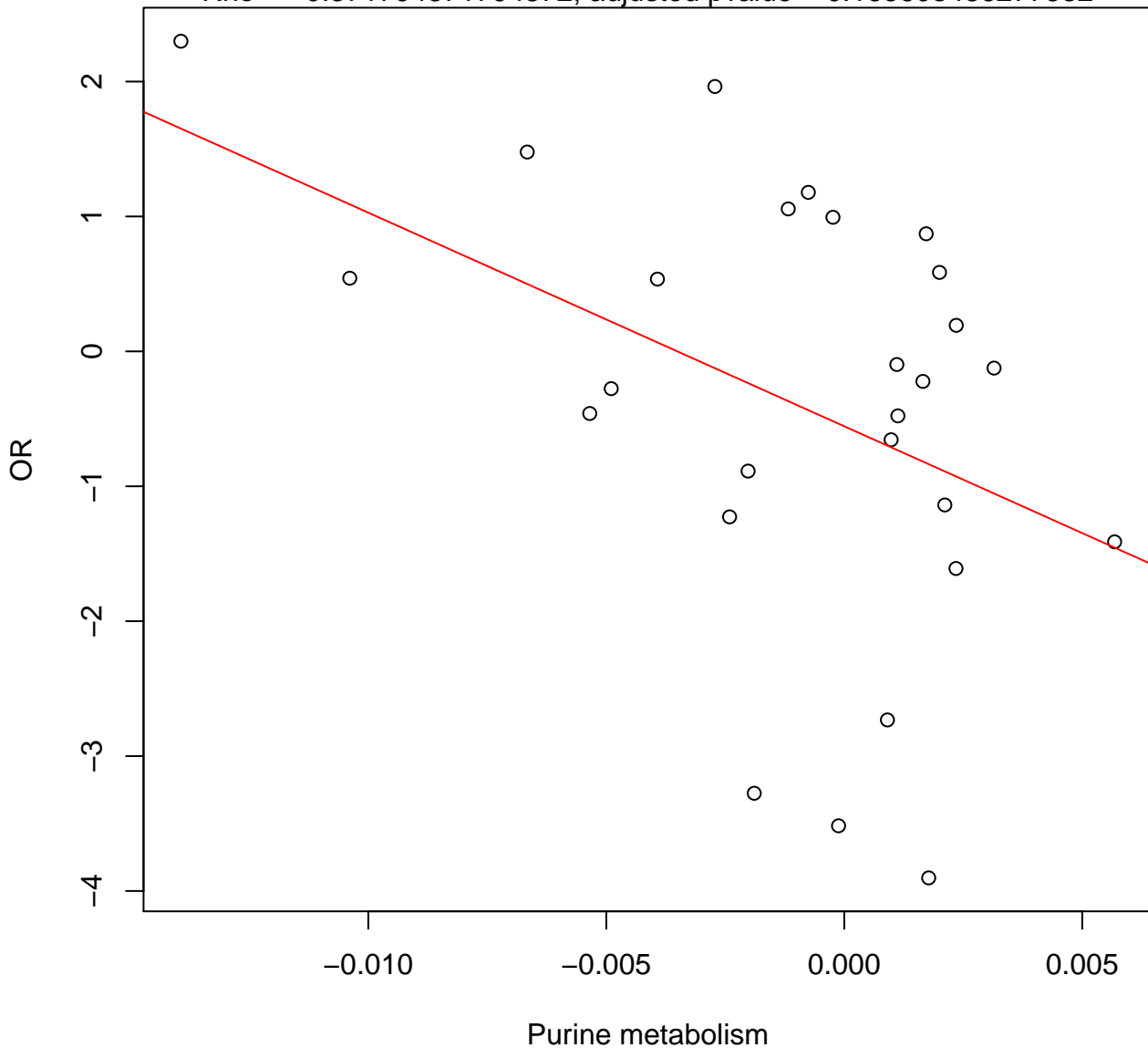
Group A, Delta OR ~ Delta Propanoate metabolism

Rho = 0.396825396825397, adjusted pvalue = 0.133154766610029



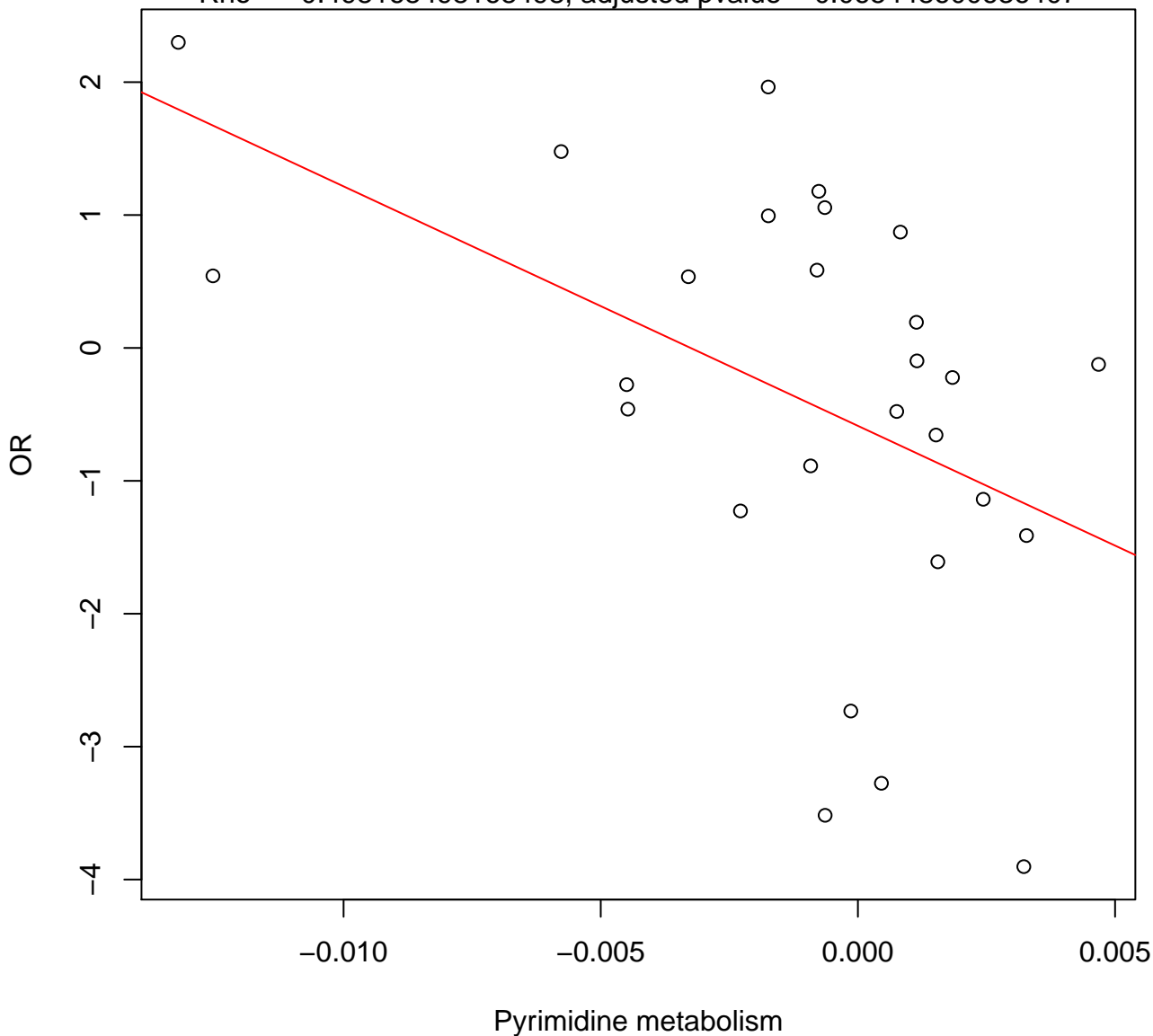
Group A, Delta OR ~ Delta Purine metabolism

Rho = -0.371794871794872 , adjusted pvalue = 0.165603486277532



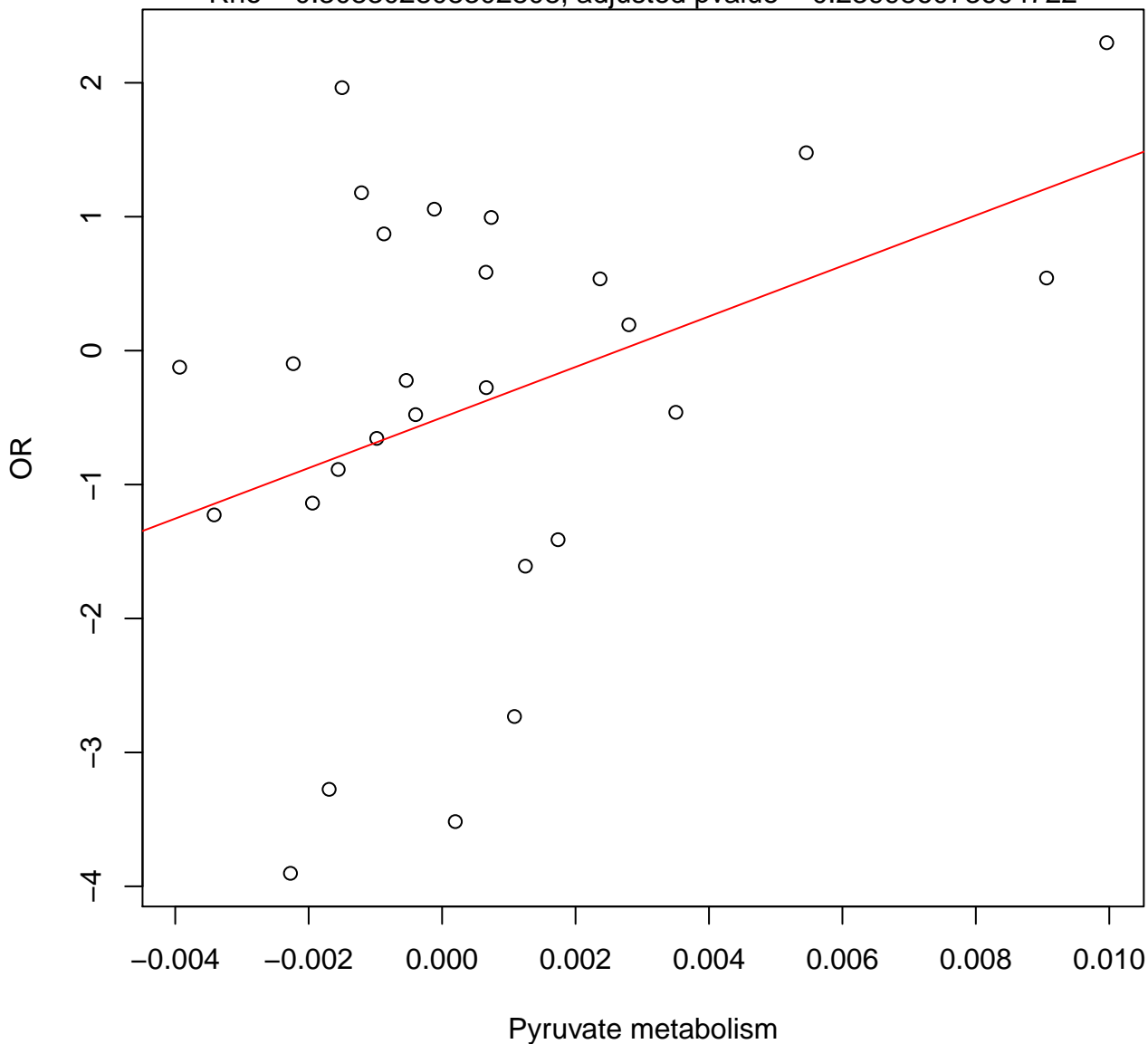
Group A, Delta OR ~ Delta Pyrimidine metabolism

Rho = -0.498168498168498, adjusted pvalue = 0.065448600636407



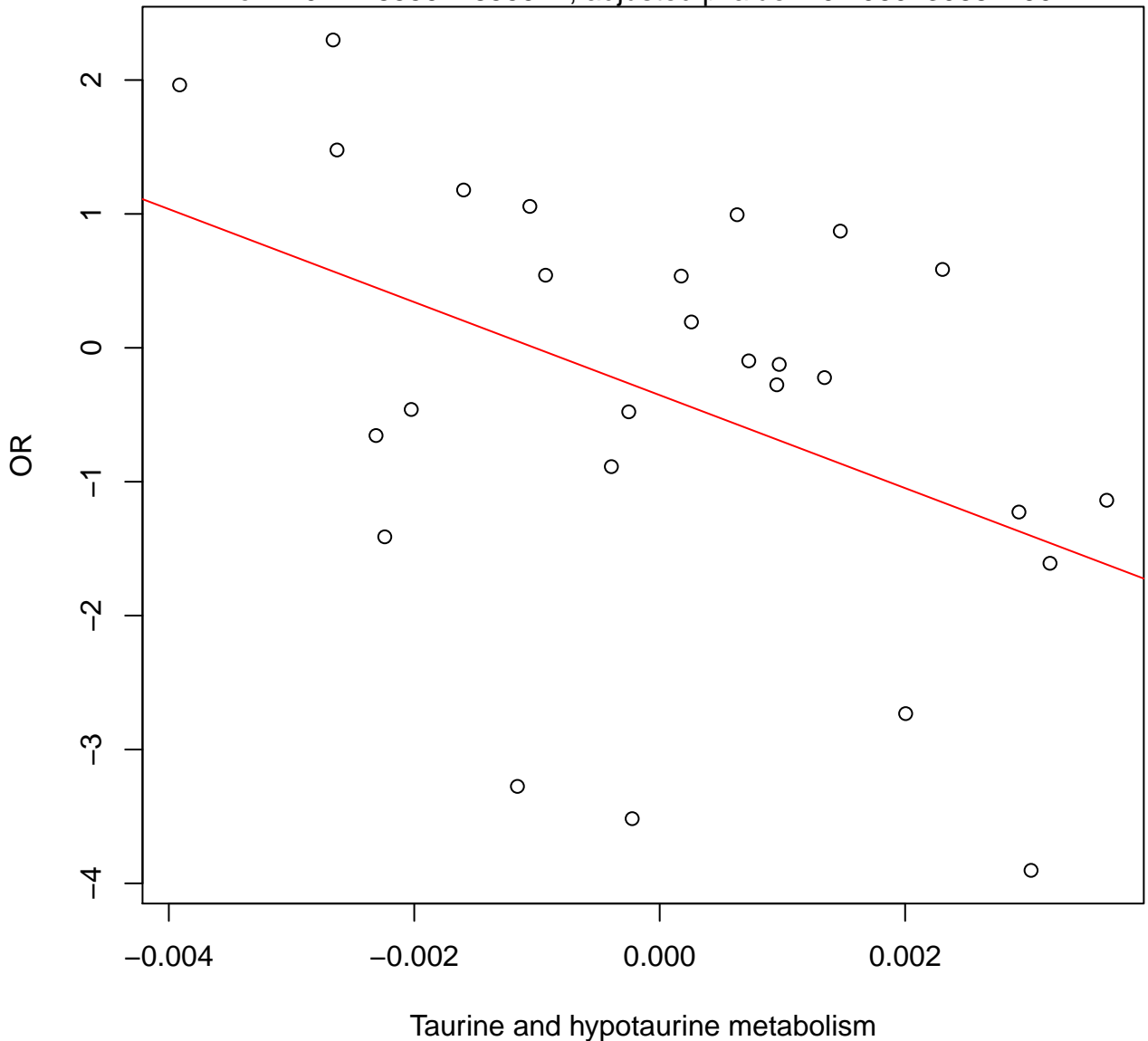
Group A, Delta OR ~ Delta Pyruvate metabolism

Rho = 0.308302808302808, adjusted pvalue = 0.239986073604722



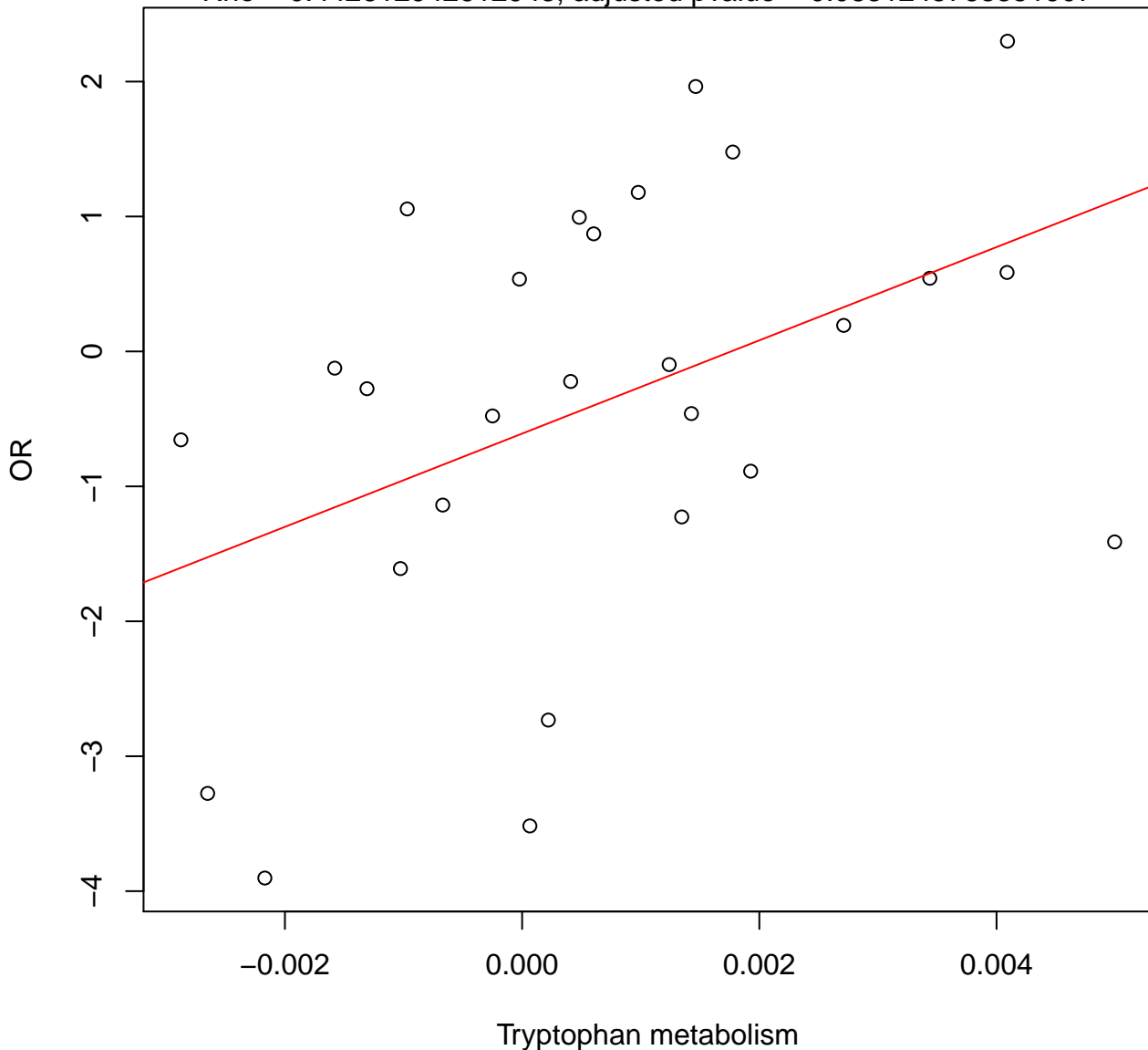
Group A, Delta OR ~ Delta Taurine and hypotaurine metabolism

Rho = -0.421855921855922 , adjusted pvalue = 0.106013068149041



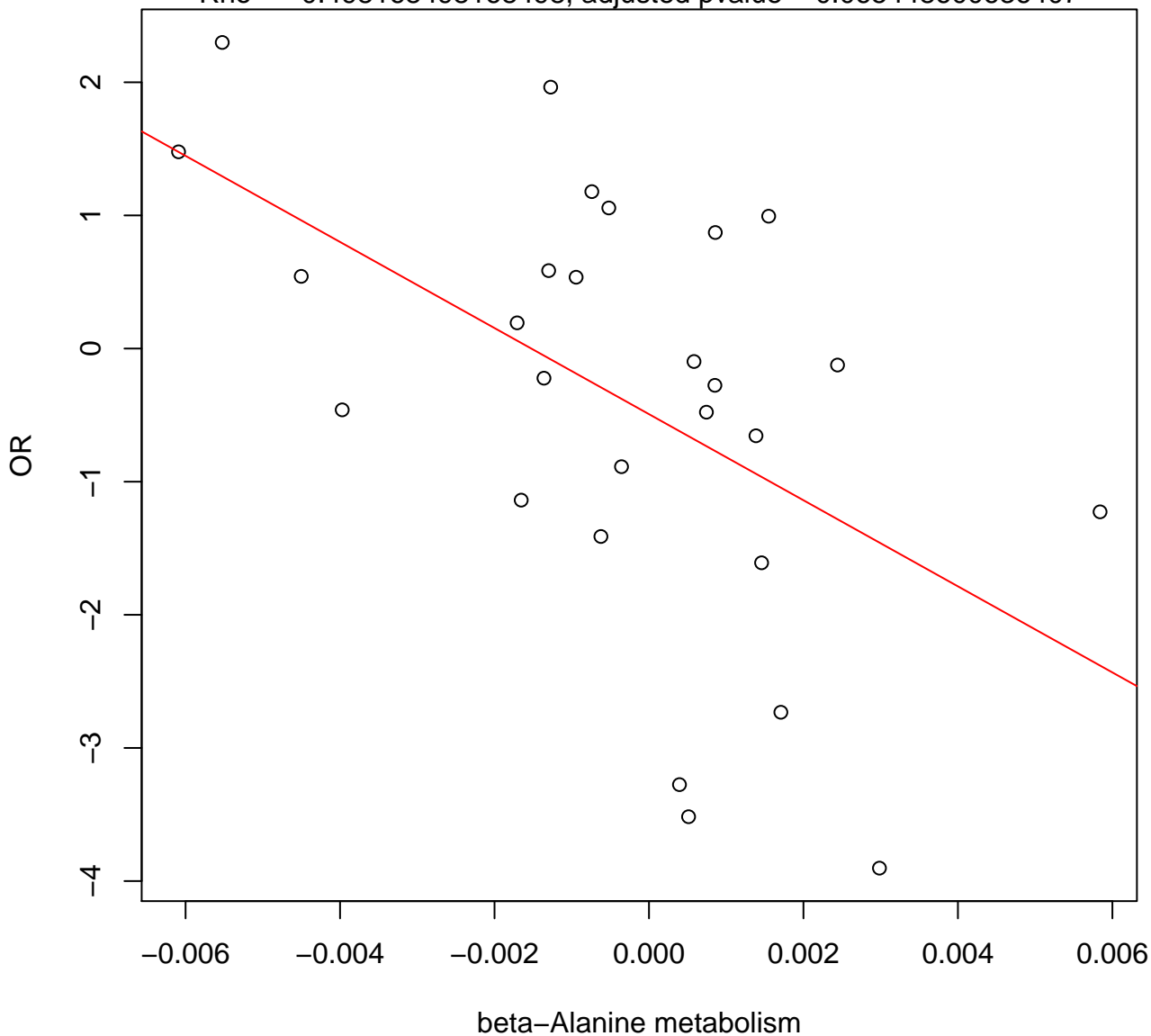
Group A, Delta OR ~ Delta Tryptophan metabolism

Rho = 0.442612942612943, adjusted pvalue = 0.0831245763351907



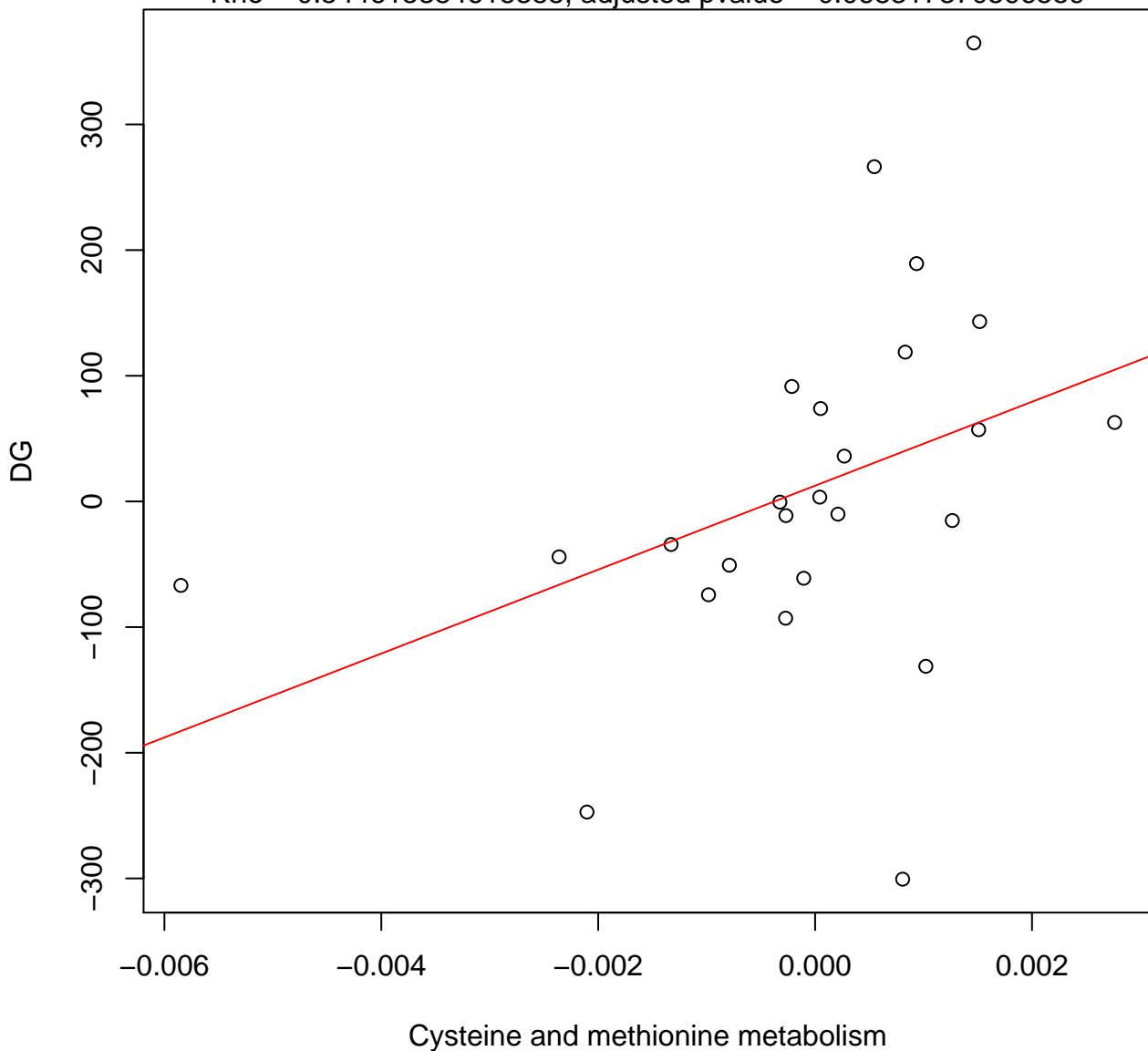
Group A, Delta OR ~ Delta beta-Alanine metabolism

Rho = -0.498168498168498, adjusted pvalue = 0.065448600636407



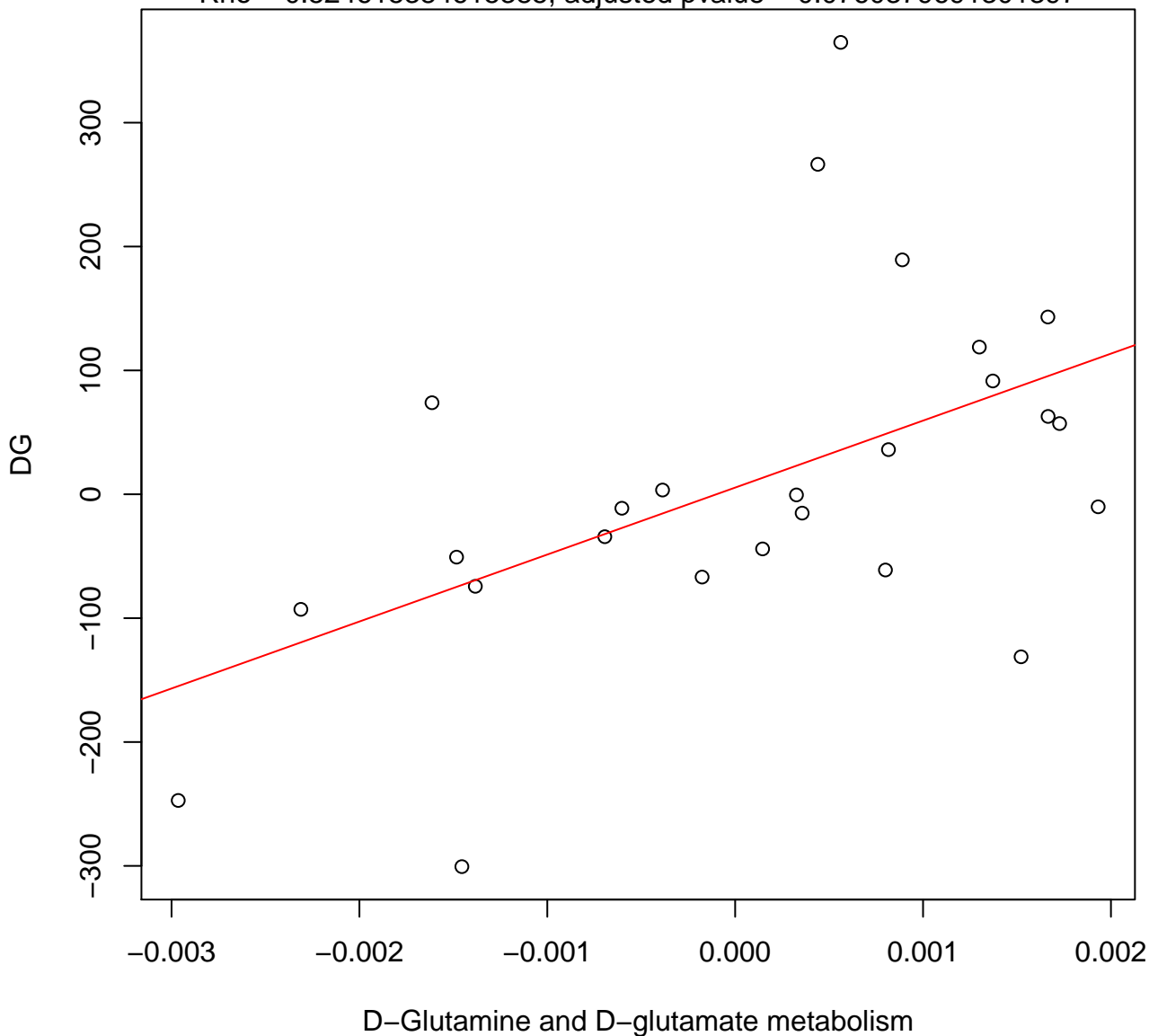
Group B, Delta DG ~ Delta Cysteine and methionine metabolism

Rho = 0.544615384615385, adjusted pvalue = 0.068317370596559



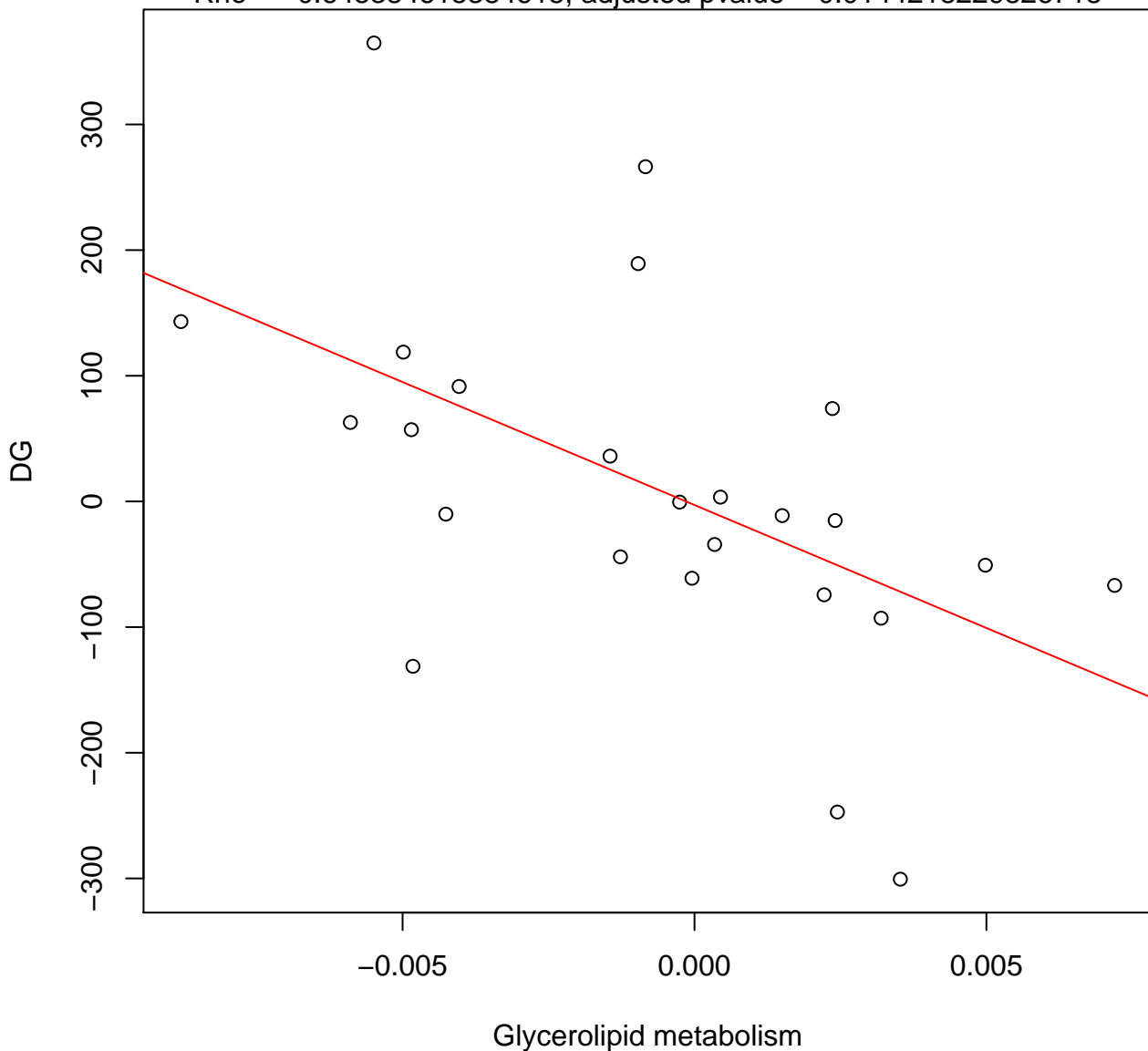
Group B, Delta DG ~ Delta D-Glutamine and D-glutamate metabolism

Rho = 0.524615384615385, adjusted pvalue = 0.0760379691301397



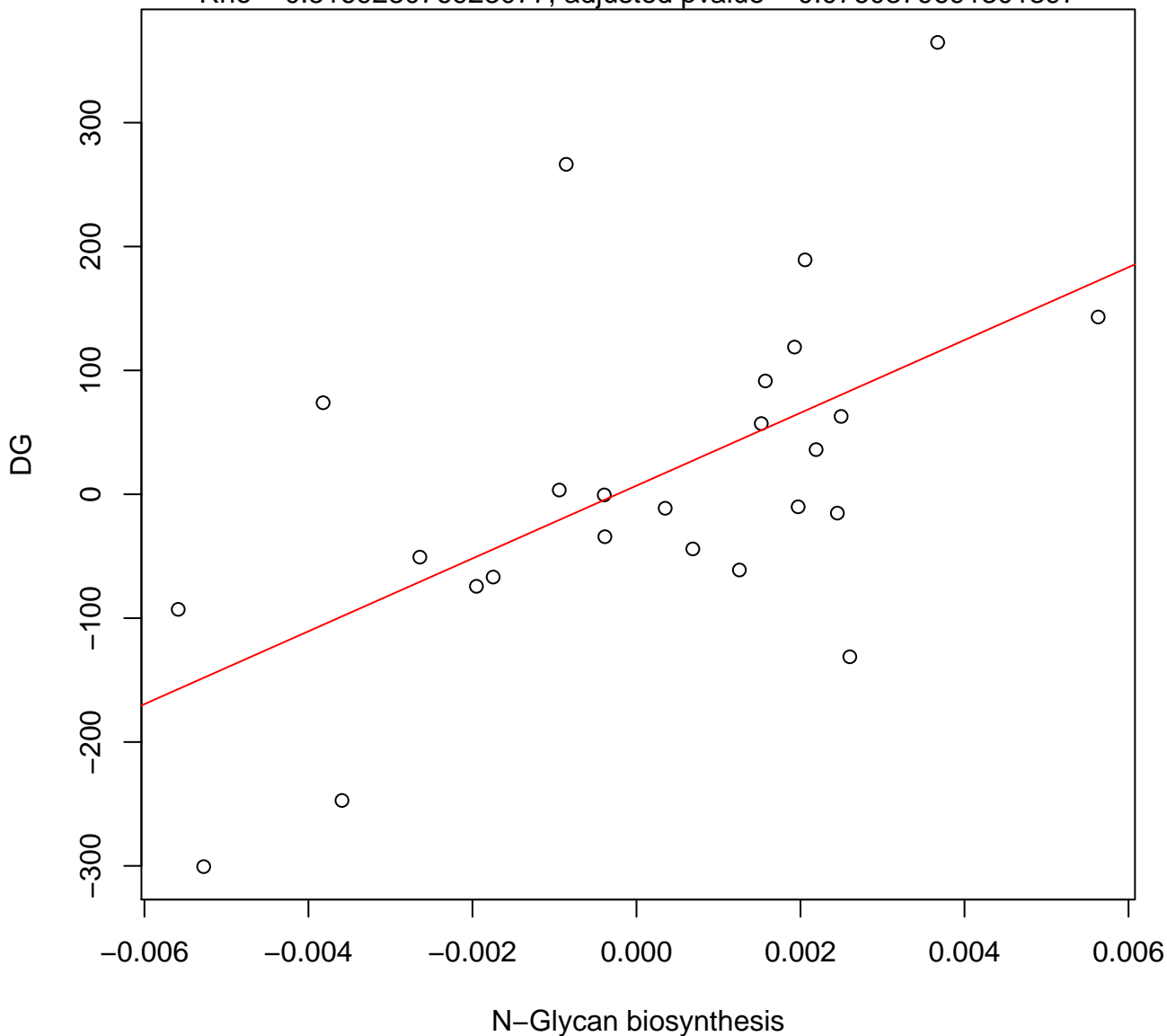
Group B, Delta DG ~ Delta Glycerolipid metabolism

Rho = -0.645384615384615 , adjusted pvalue = 0.0144218229826718



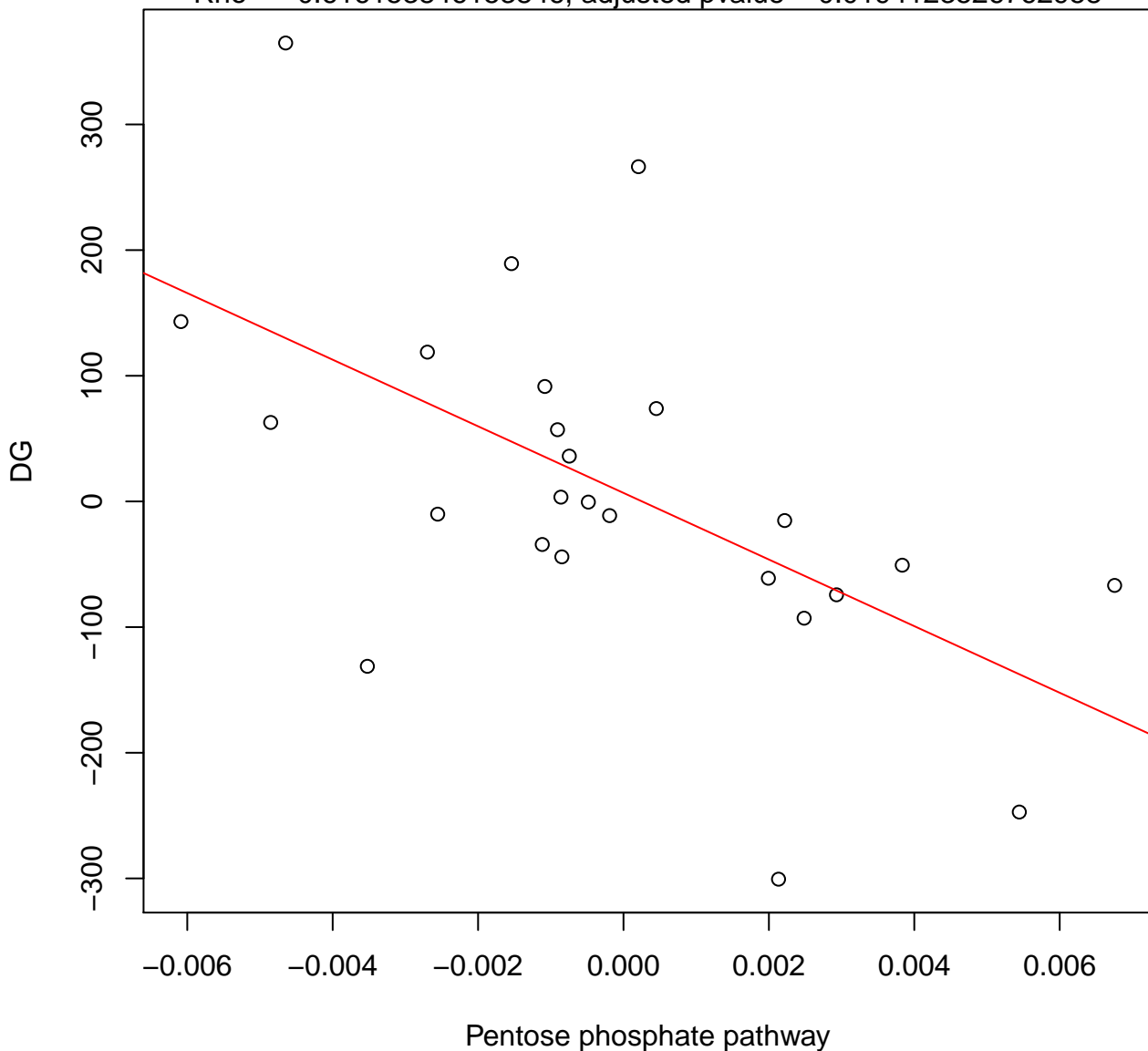
Group B, Delta DG ~ Delta N-Glycan biosynthesis

Rho = 0.516923076923077, adjusted pvalue = 0.0760379691301397



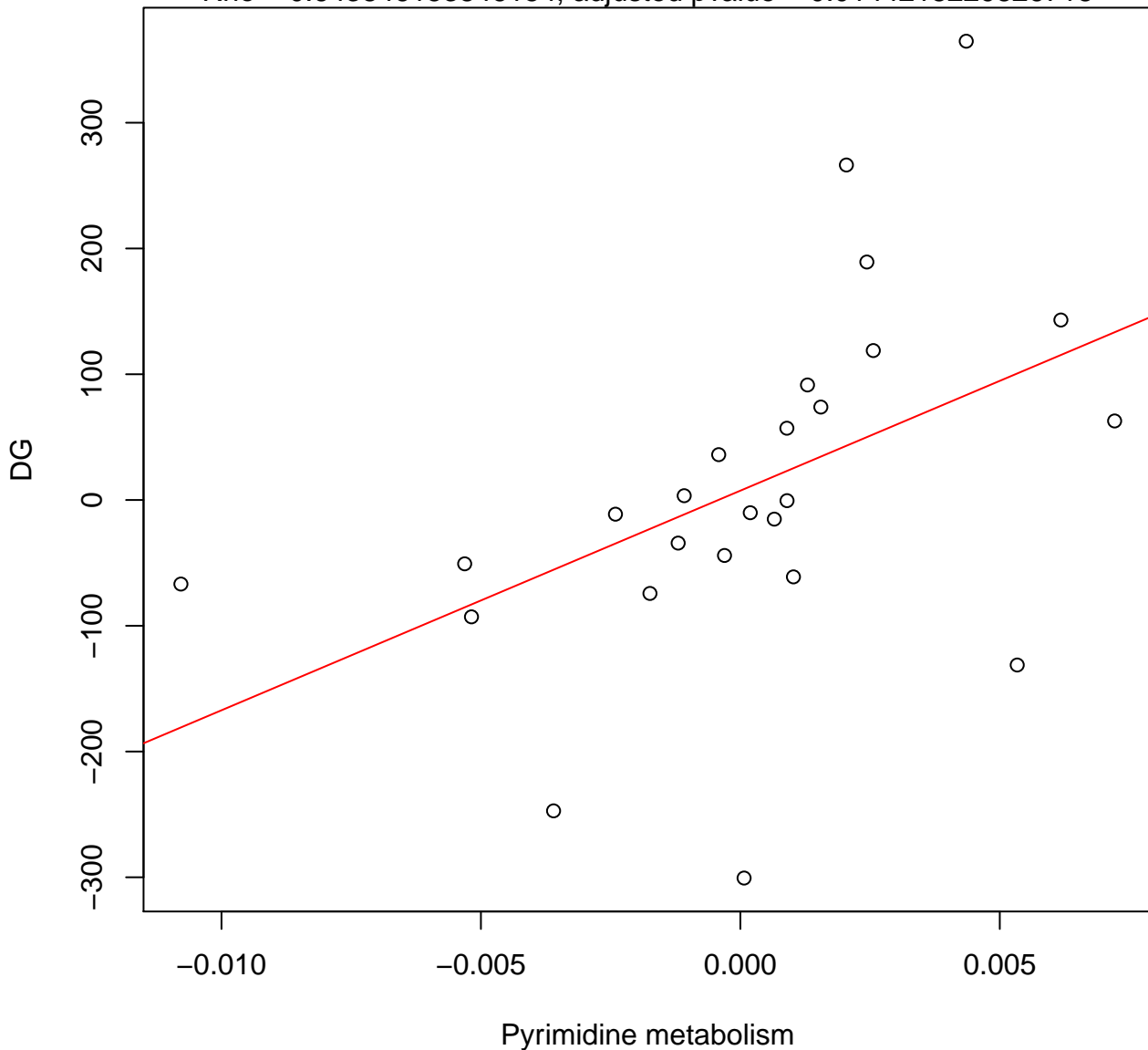
Group B, Delta DG ~ Delta Pentose phosphate pathway

Rho = -0.616153846153846 , adjusted pvalue = 0.0194123526762958



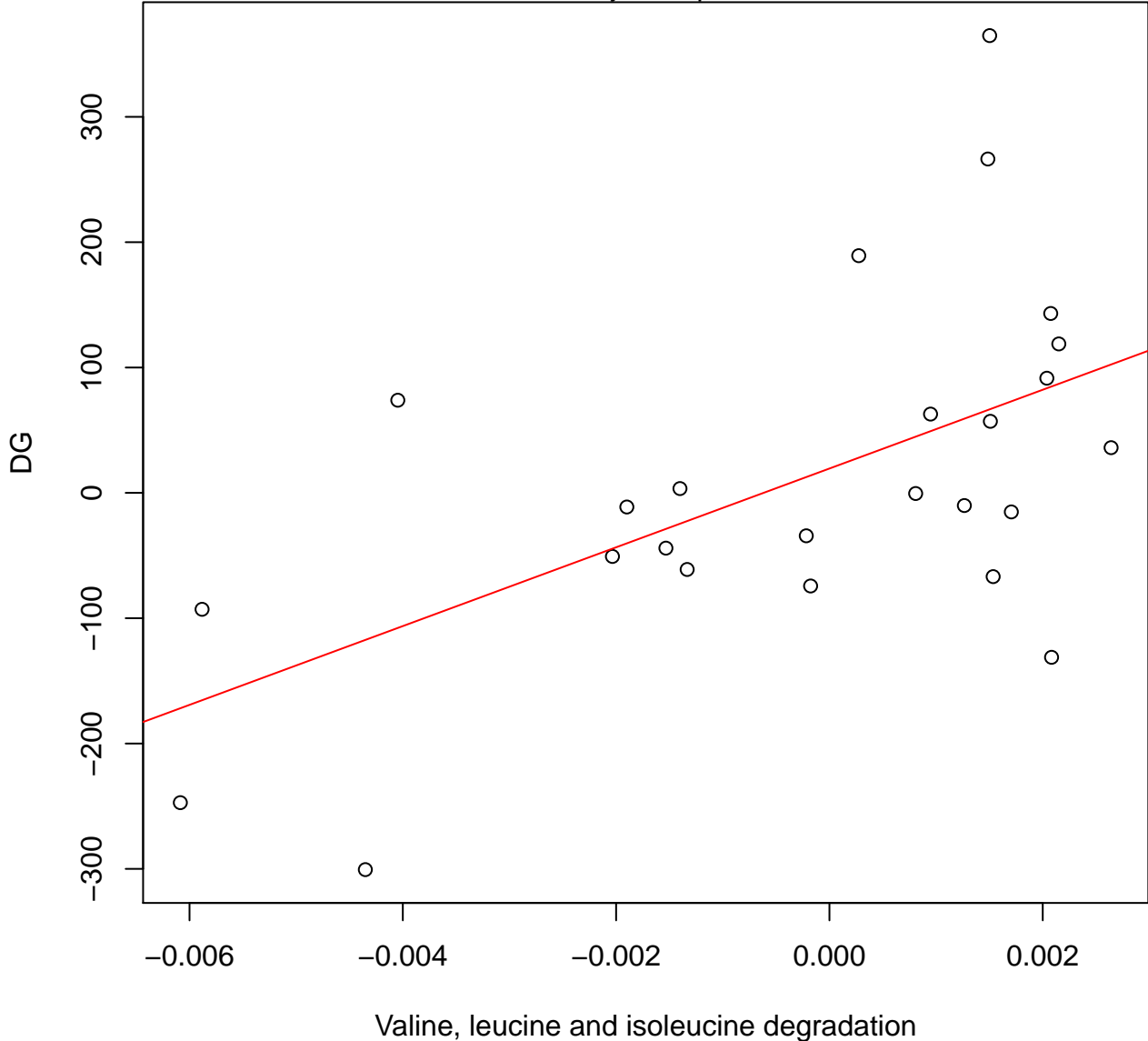
Group B, Delta DG ~ Delta Pyrimidine metabolism

Rho = 0.643846153846154, adjusted pvalue = 0.0144218229826718



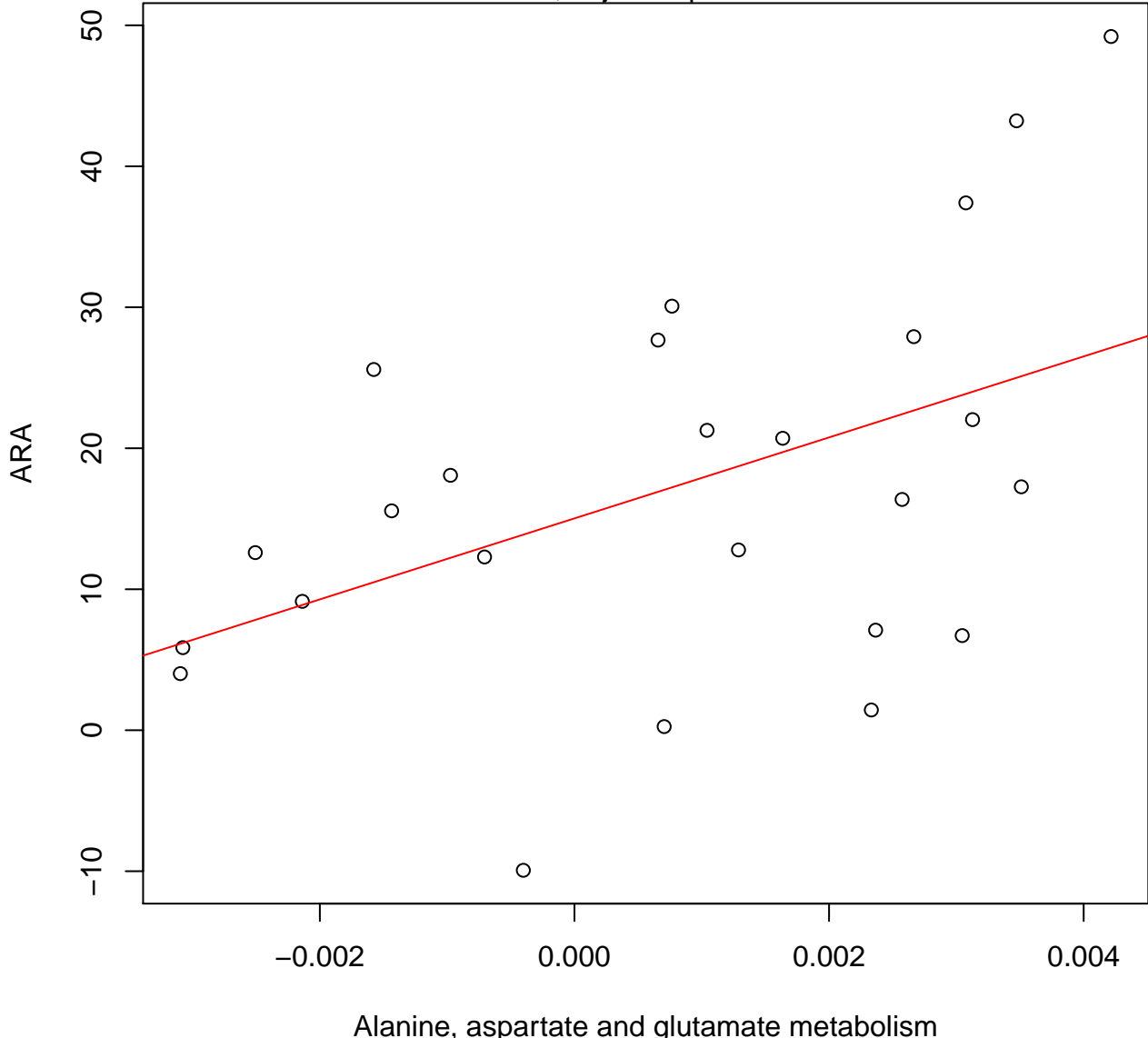
Group B, Delta DG ~ Delta Valine, leucine and isoleucine degradation

Rho = 0.467692307692308, adjusted pvalue = 0.128785613246867



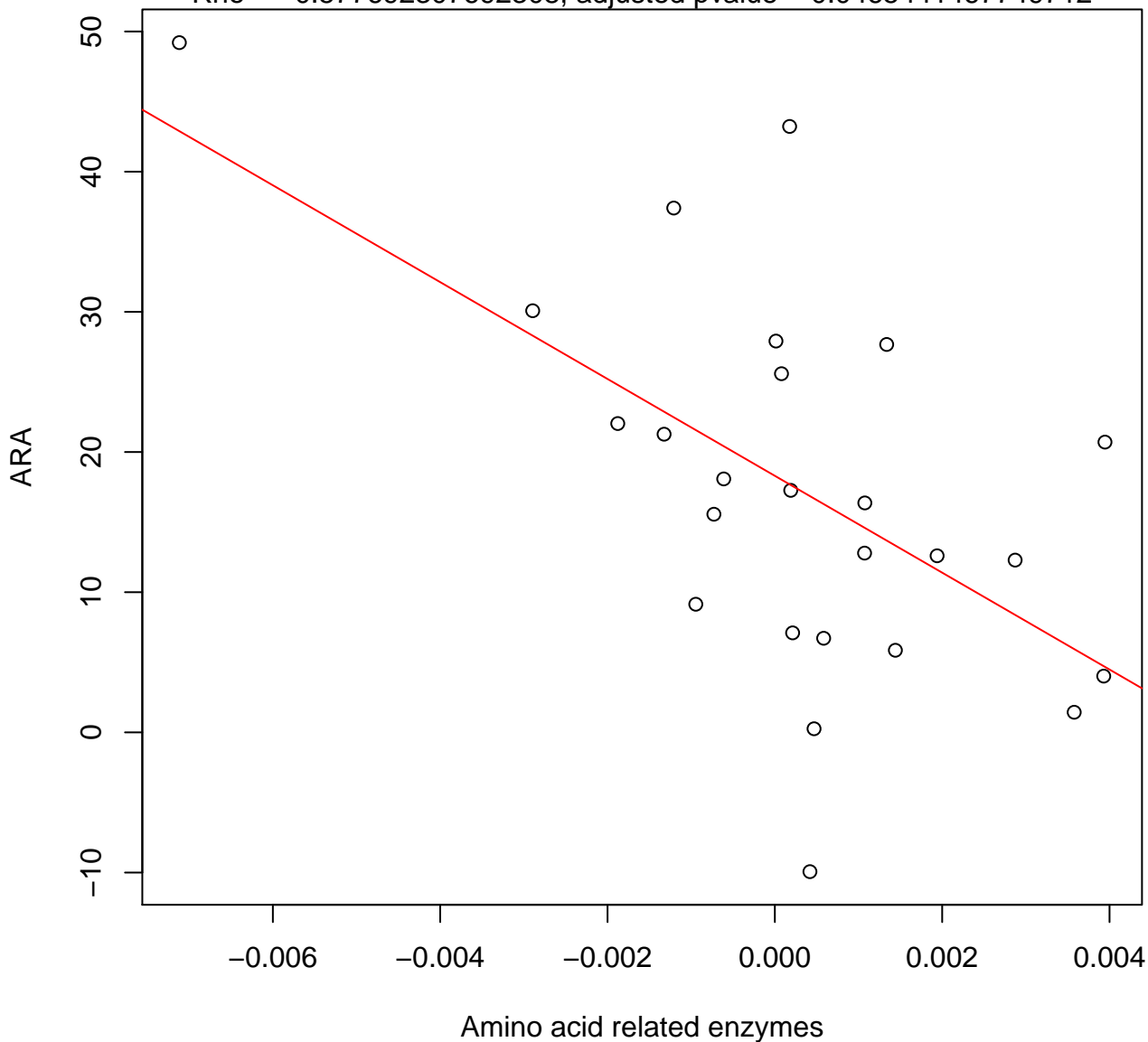
Group B, Delta ARA ~ Delta Alanine, aspartate and glutamate metabolism

Rho = 0.474615384615385, adjusted pvalue = 0.0925078138040404



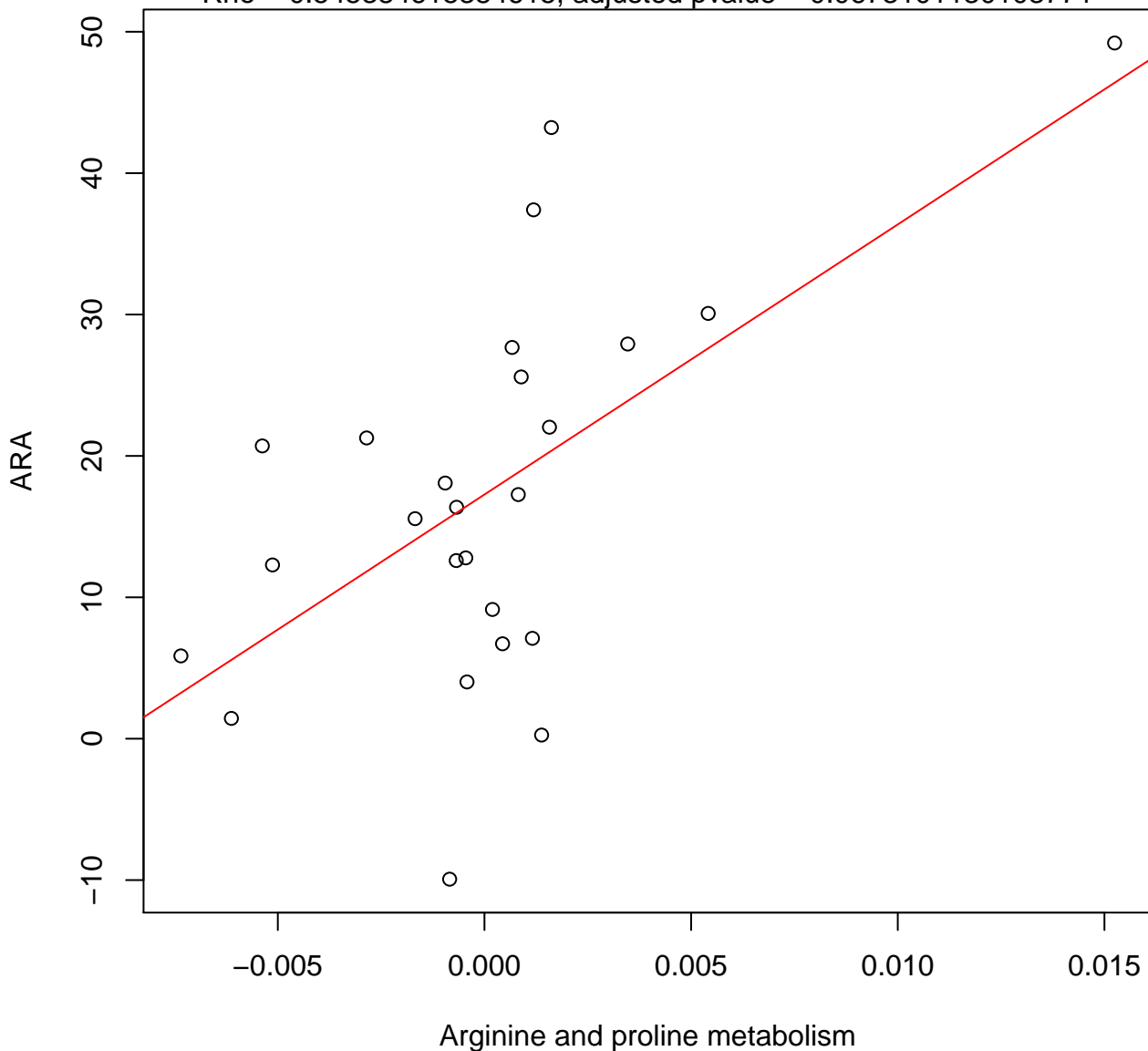
Group B, Delta ARA ~ Delta Amino acid related enzymes

Rho = -0.577692307692308 , adjusted pvalue = 0.0465441467749712



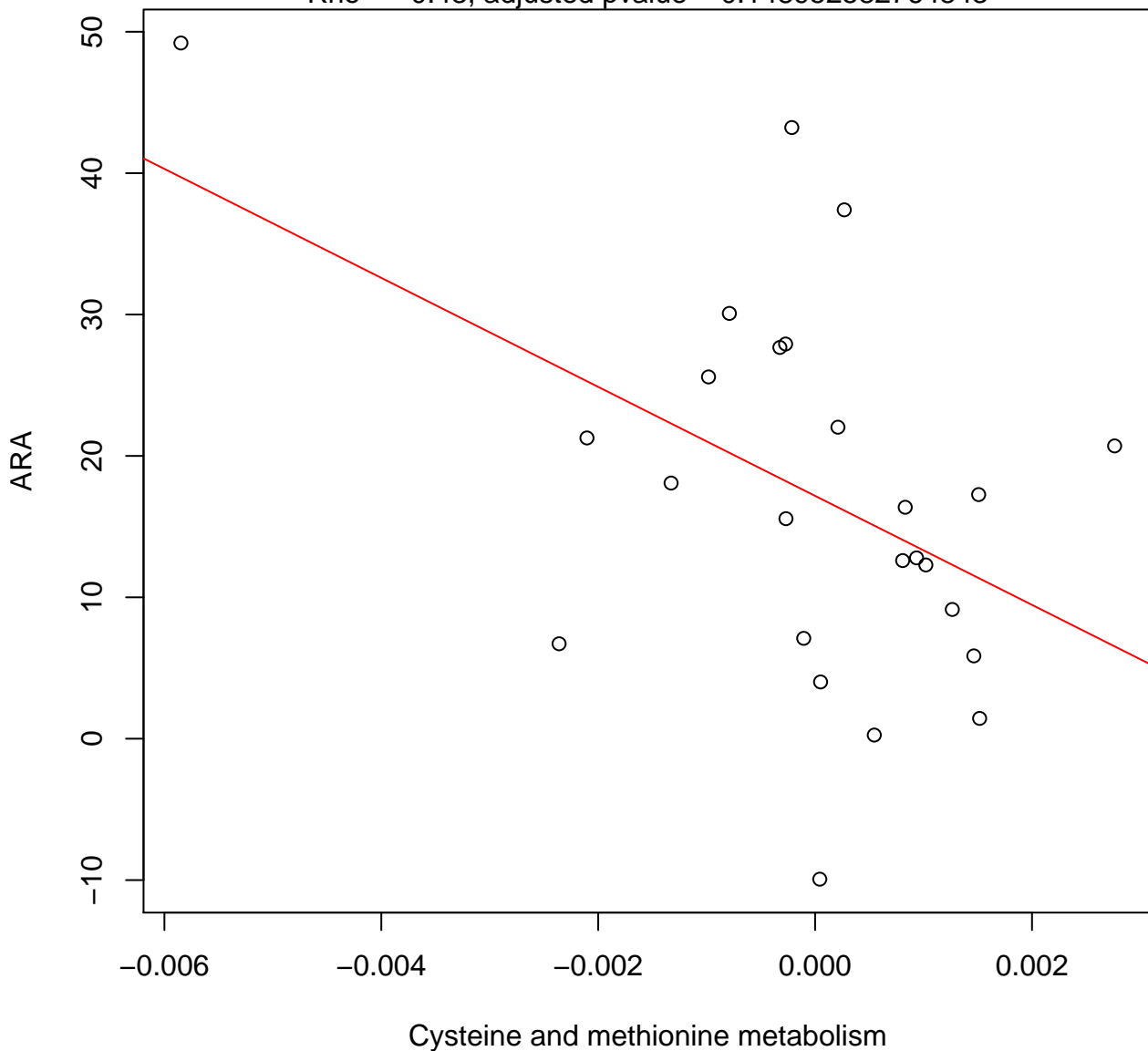
Group B, Delta ARA ~ Delta Arginine and proline metabolism

Rho = 0.545384615384615, adjusted pvalue = 0.0673101130103771



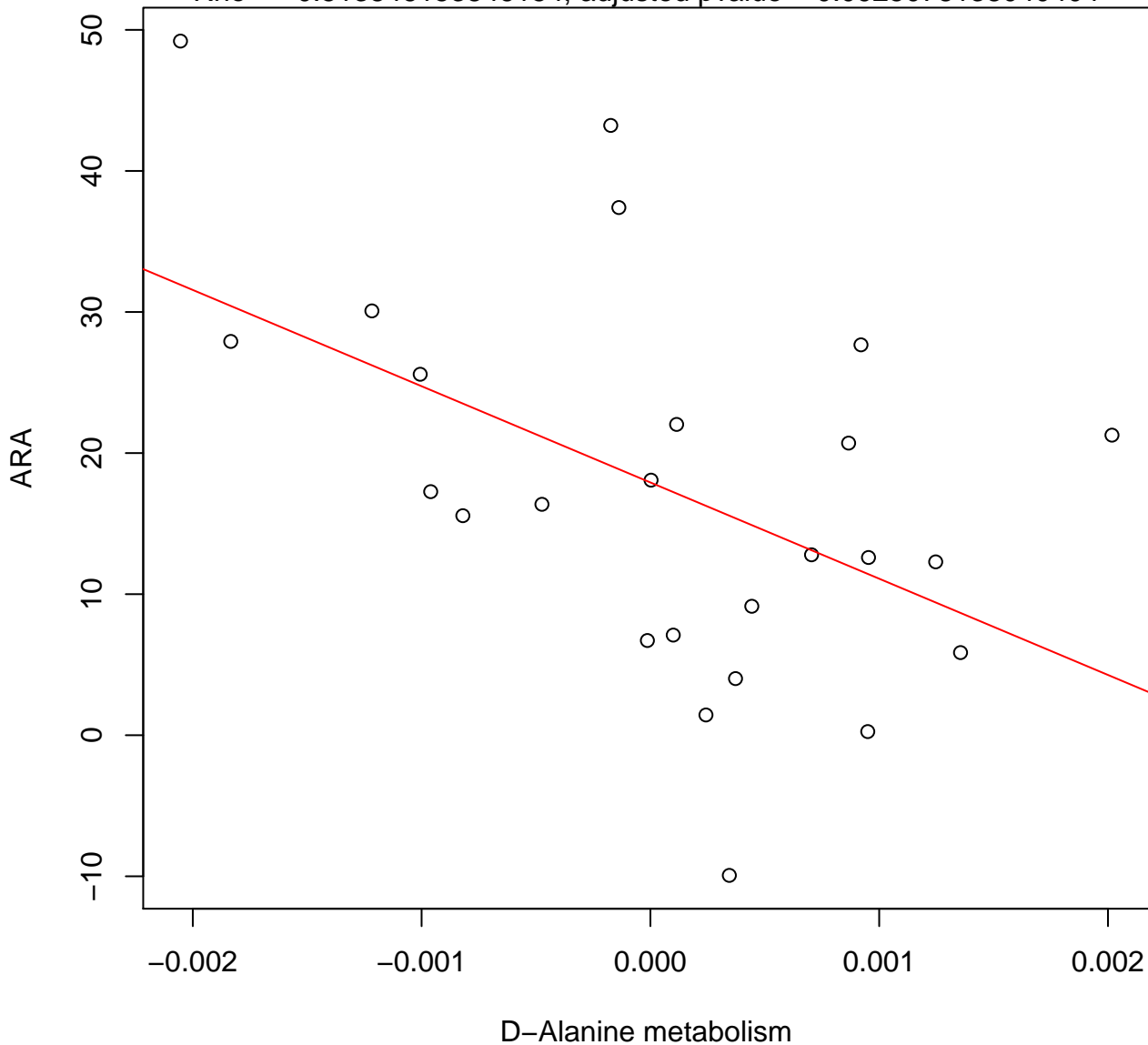
Group B, Delta ARA ~ Delta Cysteine and methionine metabolism

Rho = -0.43, adjusted pvalue = 0.148952582764843



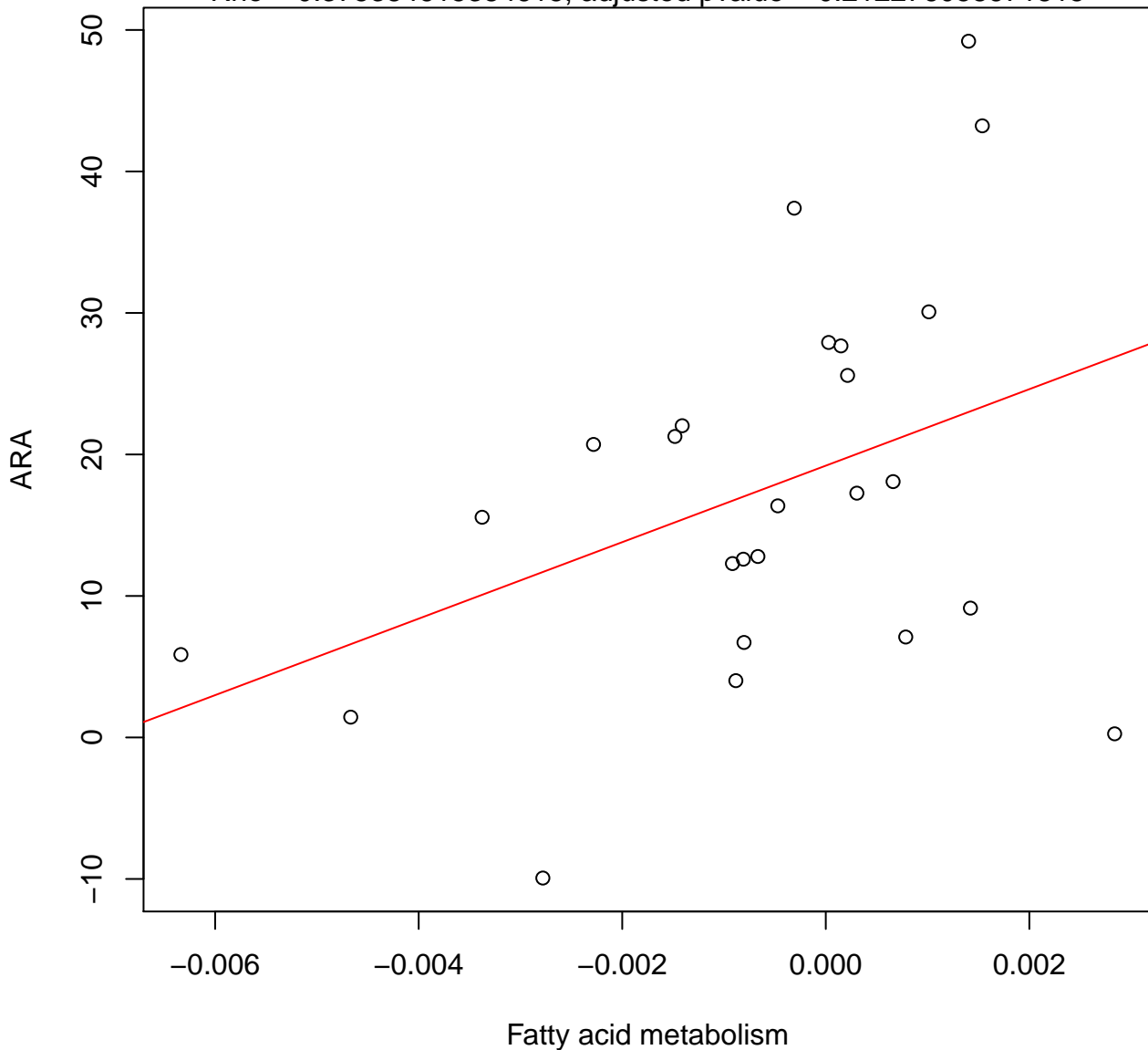
Group B, Delta ARA ~ Delta D-Alanine metabolism

Rho = -0.513846153846154 , adjusted pvalue = 0.0925078138040404



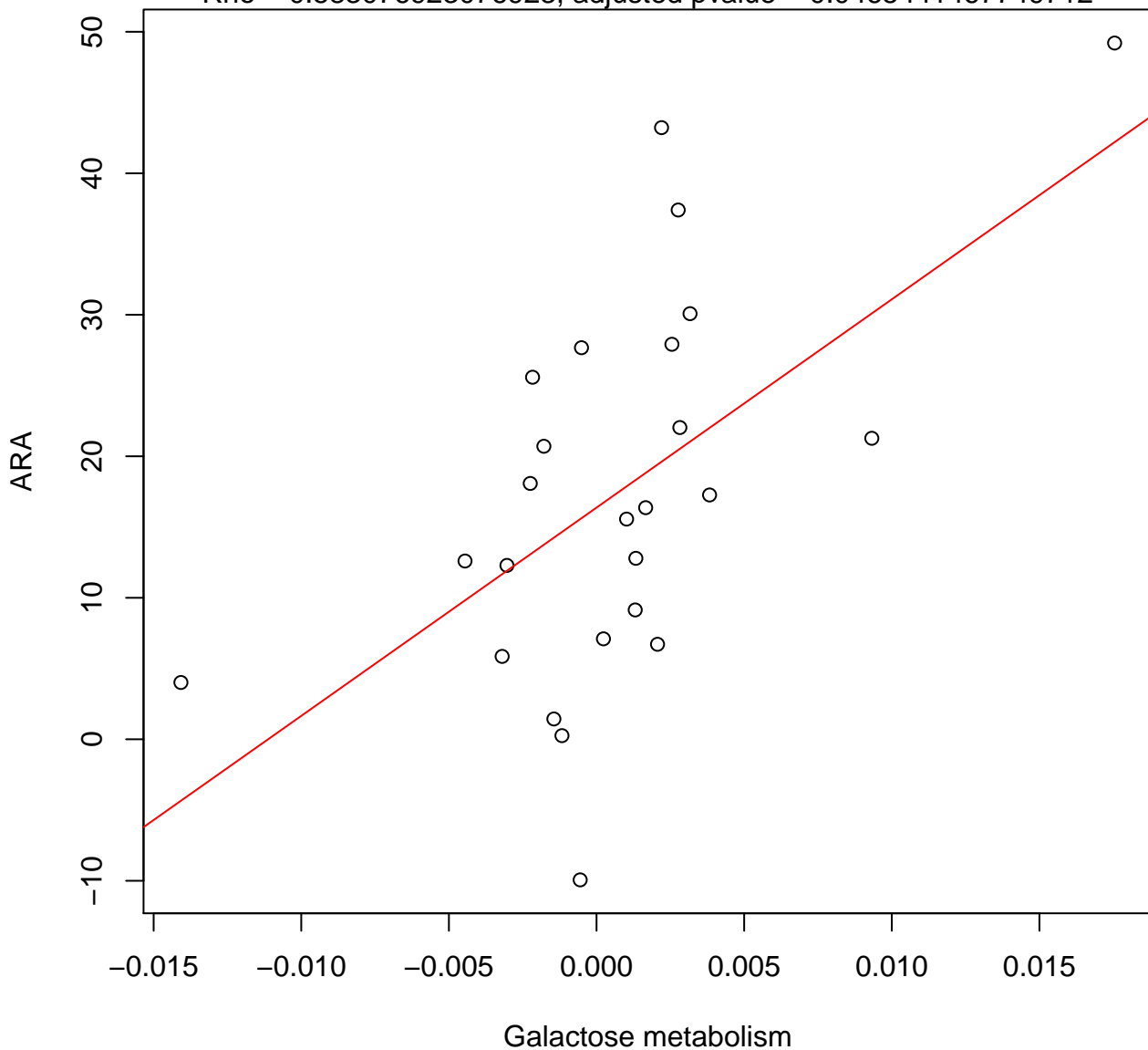
Group B, Delta ARA ~ Delta Fatty acid metabolism

Rho = 0.375384615384615, adjusted pvalue = 0.212276058671815



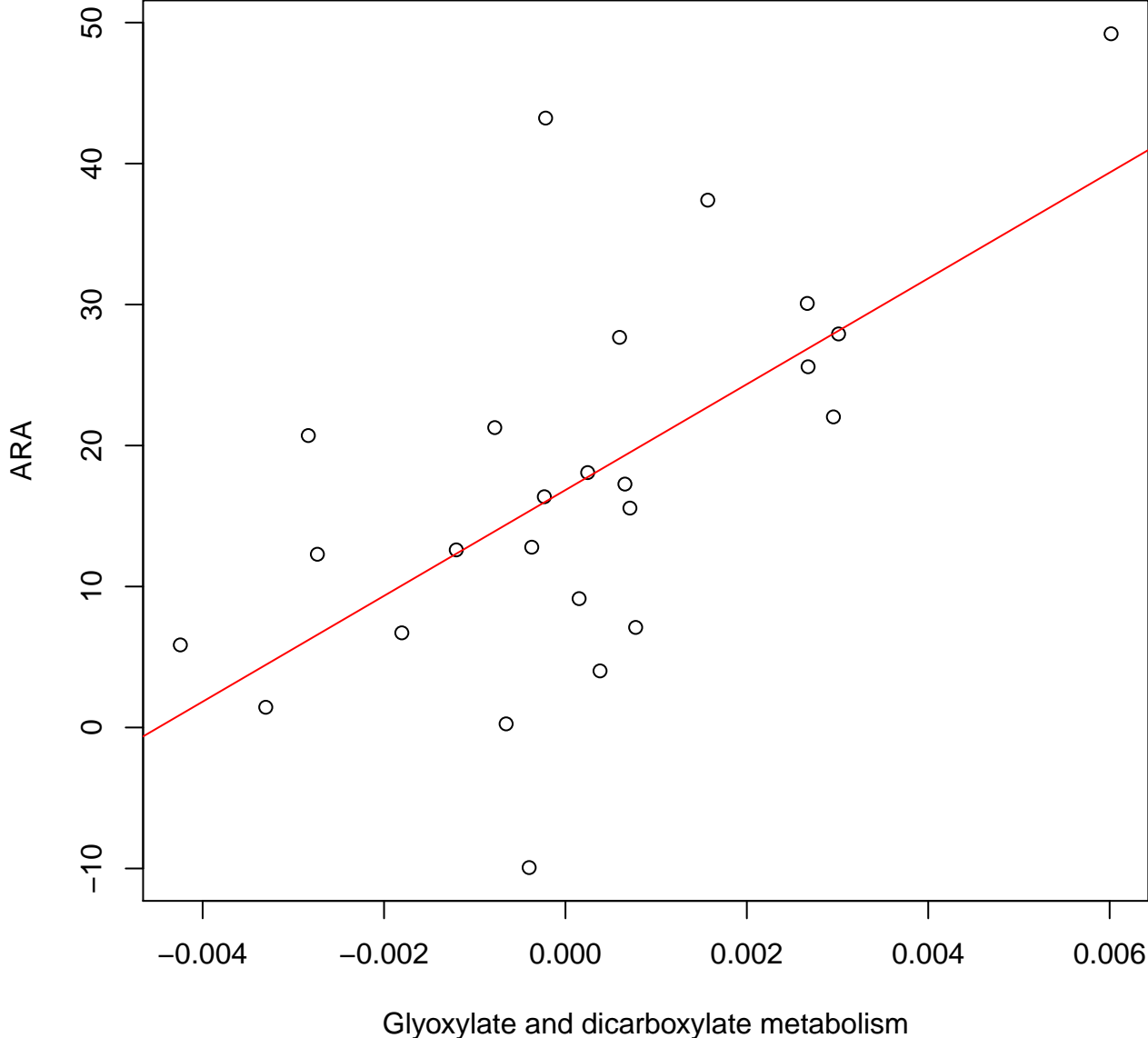
Group B, Delta ARA ~ Delta Galactose metabolism

Rho = 0.583076923076923, adjusted pvalue = 0.0465441467749712



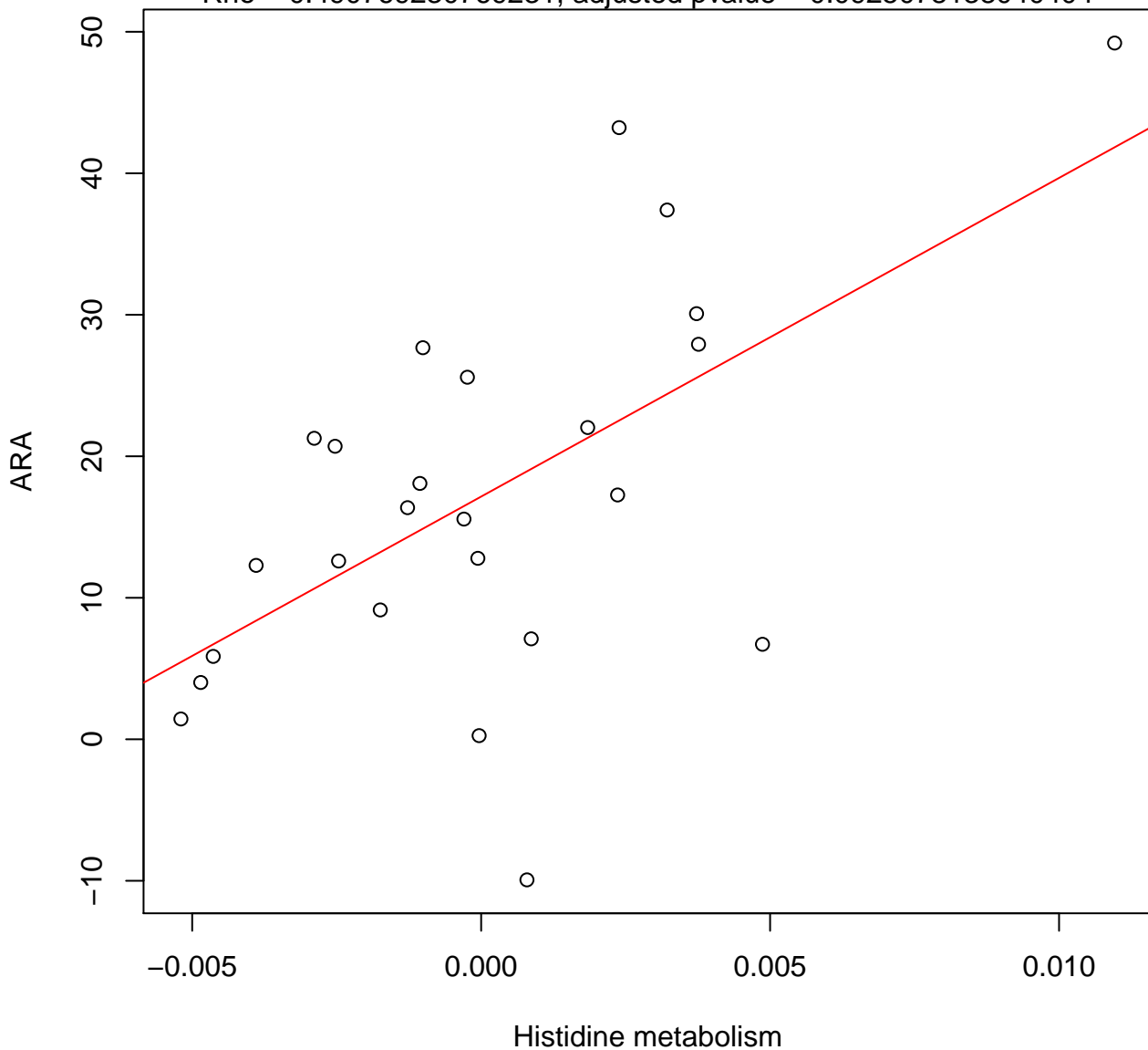
Group B, Delta ARA ~ Delta Glyoxylate and dicarboxylate metabolism

Rho = 0.622307692307692, adjusted pvalue = 0.0465441467749712



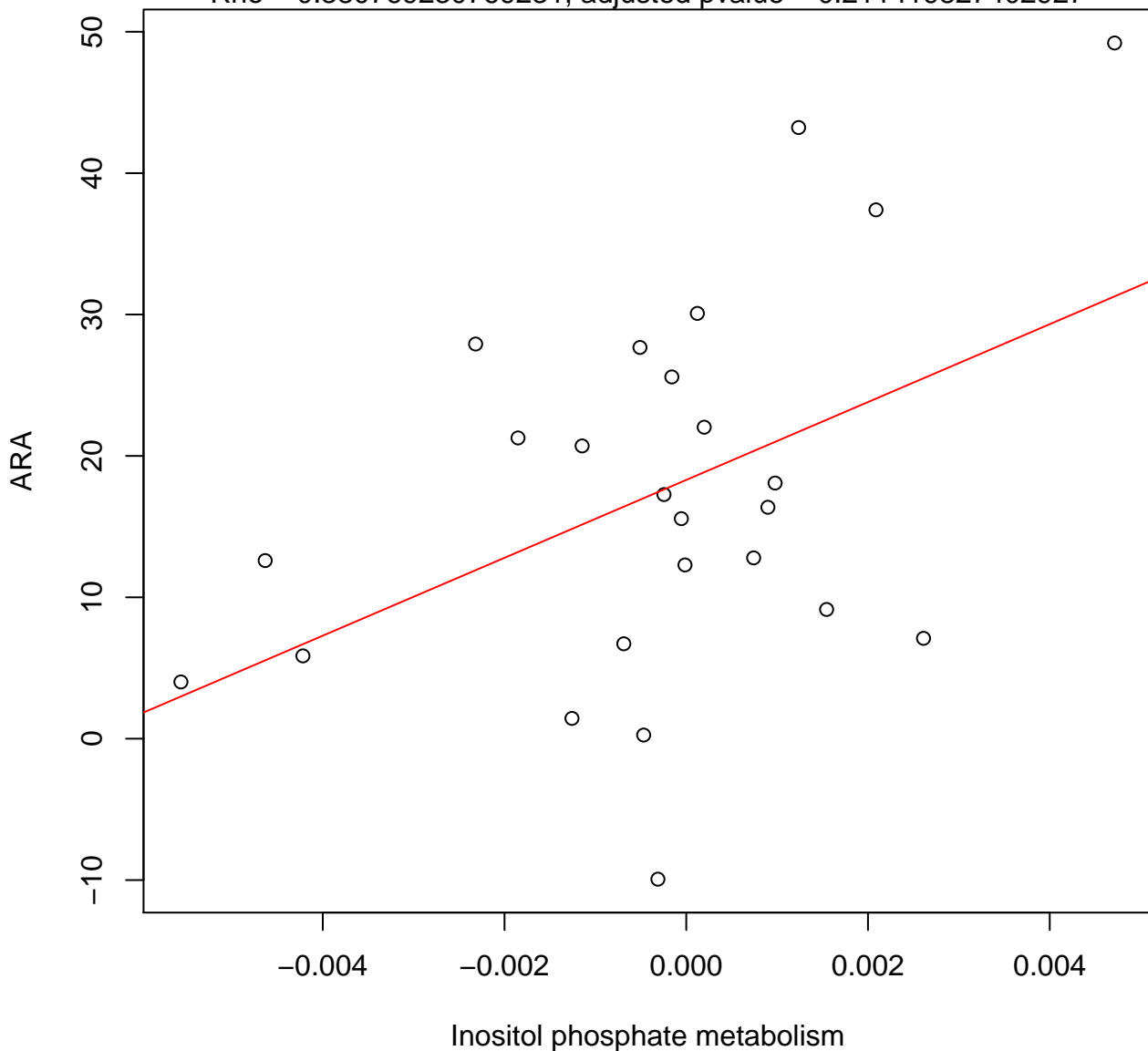
Group B, Delta ARA ~ Delta Histidine metabolism

Rho = 0.490769230769231, adjusted pvalue = 0.0925078138040404



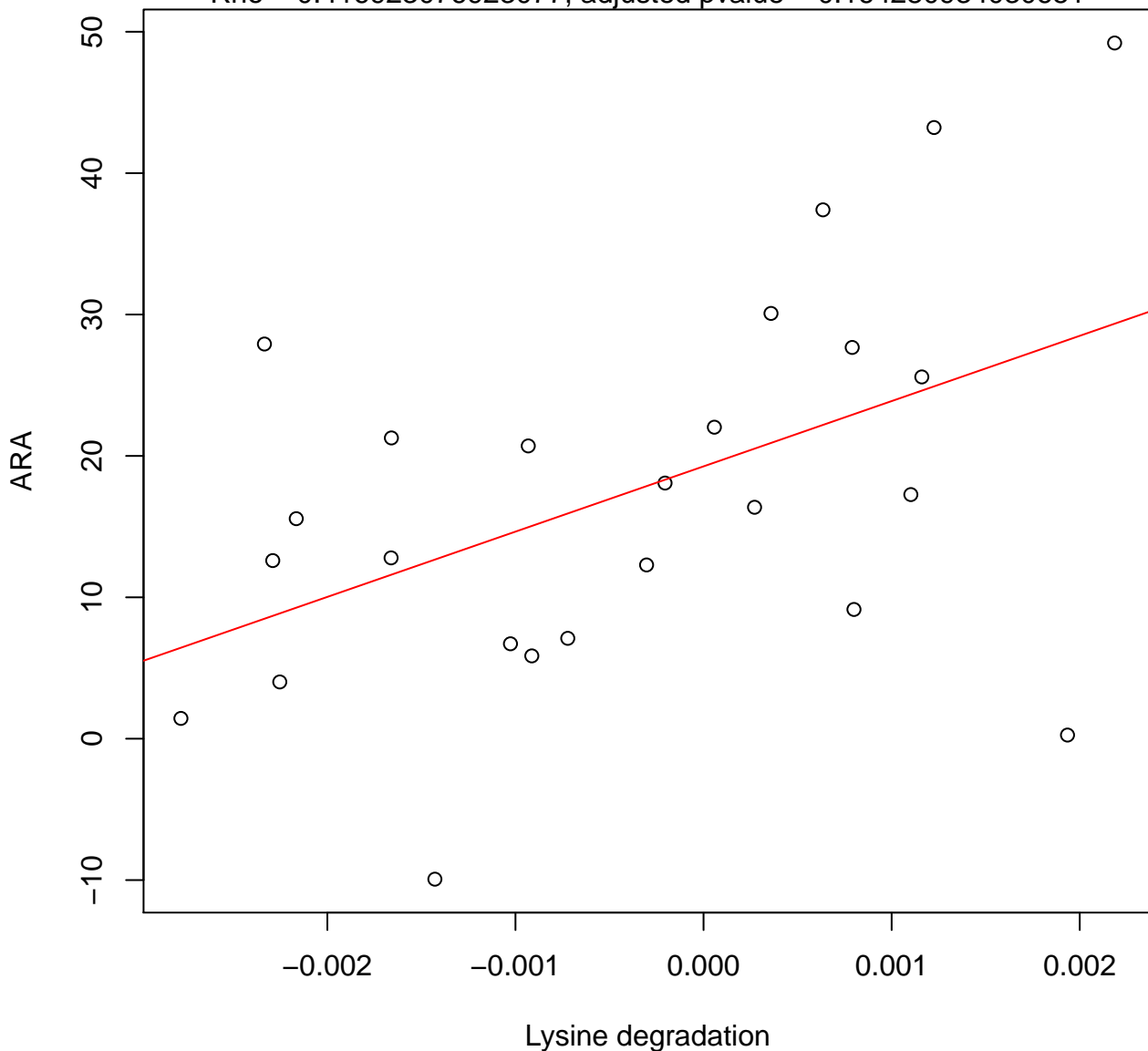
Group B, Delta ARA ~ Delta Inositol phosphate metabolism

Rho = 0.380769230769231, adjusted pvalue = 0.211419827402927



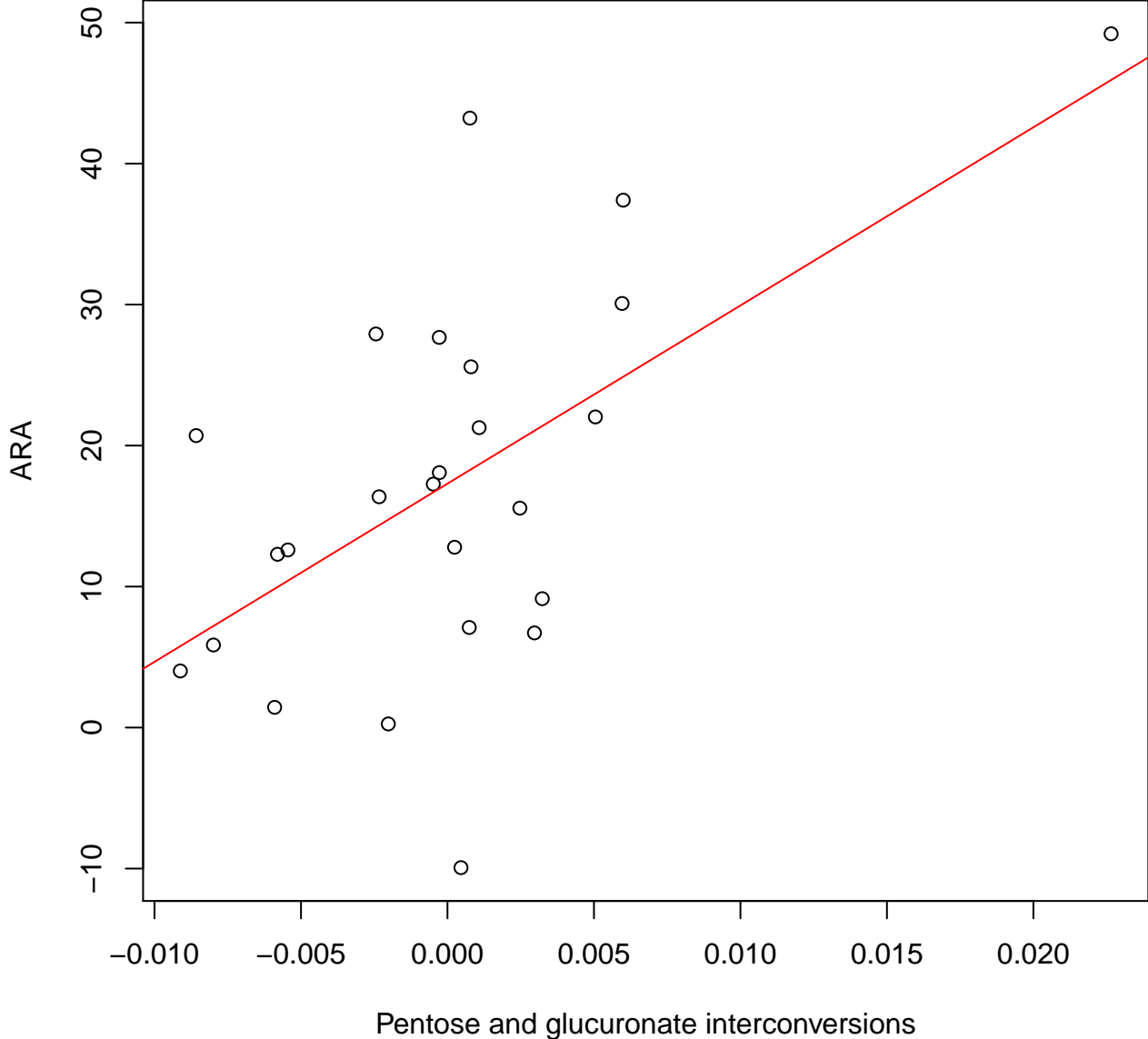
Group B, Delta ARA ~ Delta Lysine degradation

Rho = 0.416923076923077, adjusted pvalue = 0.164280934030651



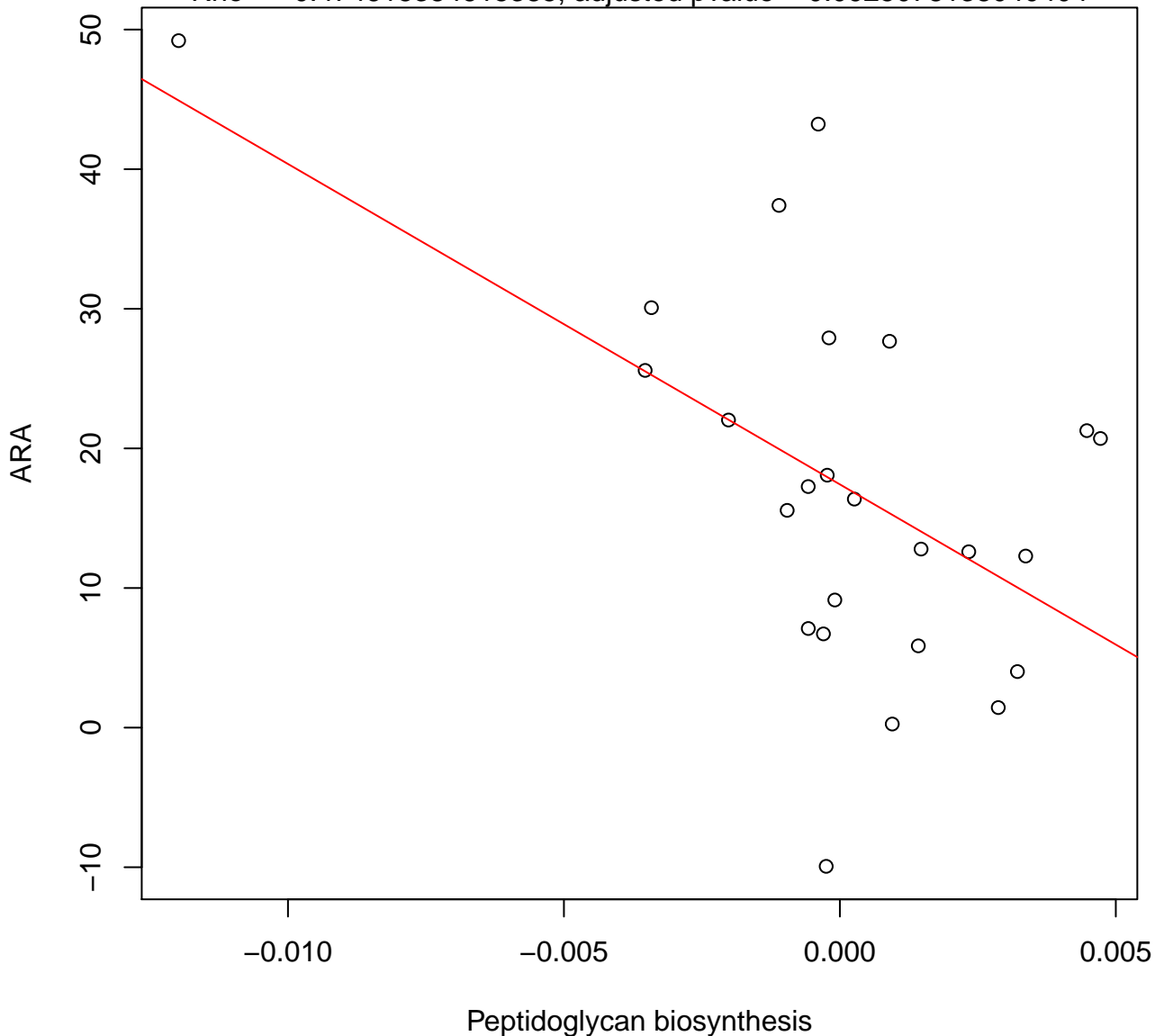
Group B, Delta ARA ~ Delta Pentose and glucuronate interconversions

Rho = 0.478461538461538, adjusted pvalue = 0.0925078138040404



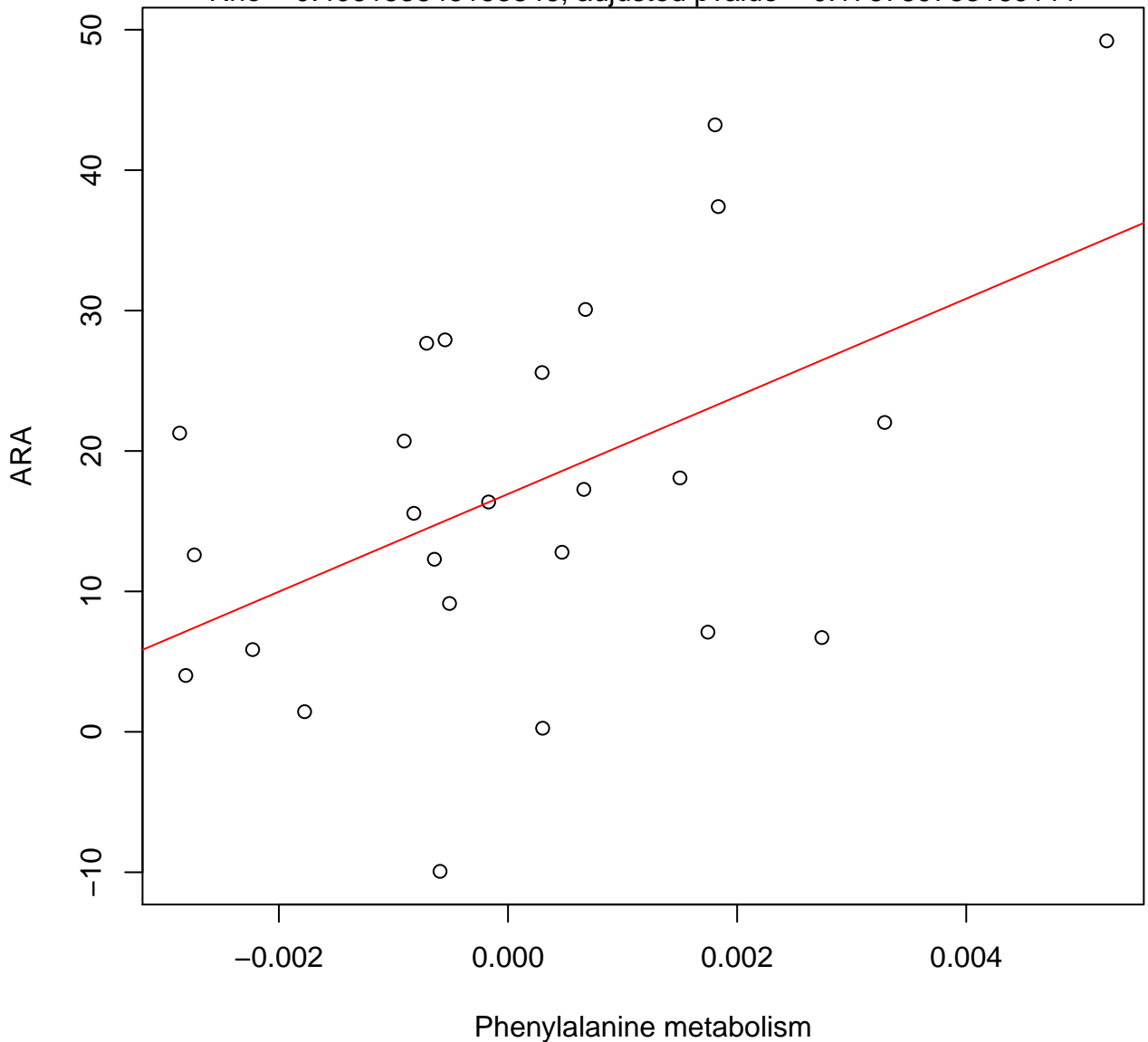
Group B, Delta ARA ~ Delta Peptidoglycan biosynthesis

Rho = -0.474615384615385 , adjusted pvalue = 0.0925078138040404



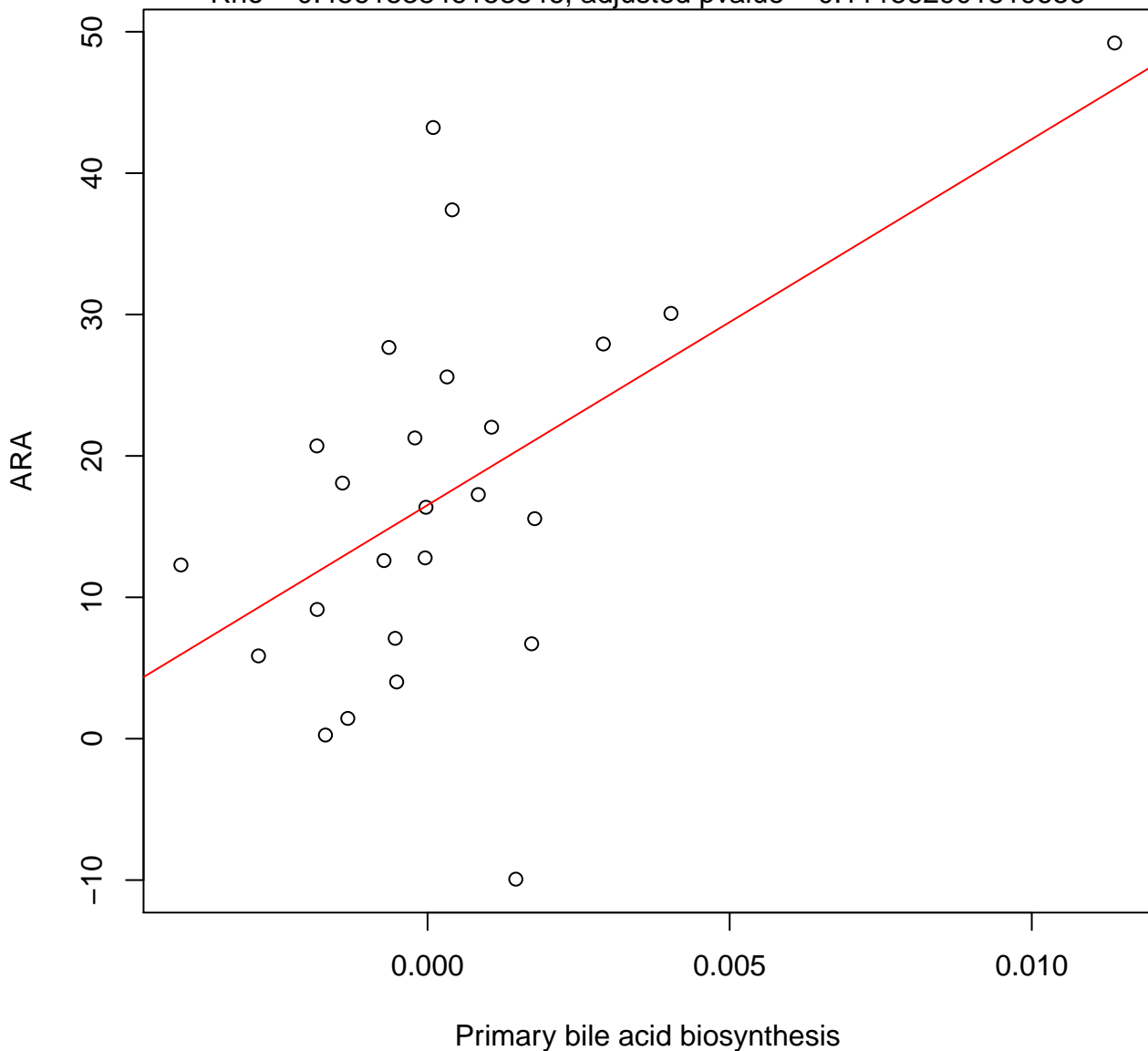
Group B, Delta ARA ~ Delta Phenylalanine metabolism

Rho = 0.406153846153846, adjusted pvalue = 0.175789753169111



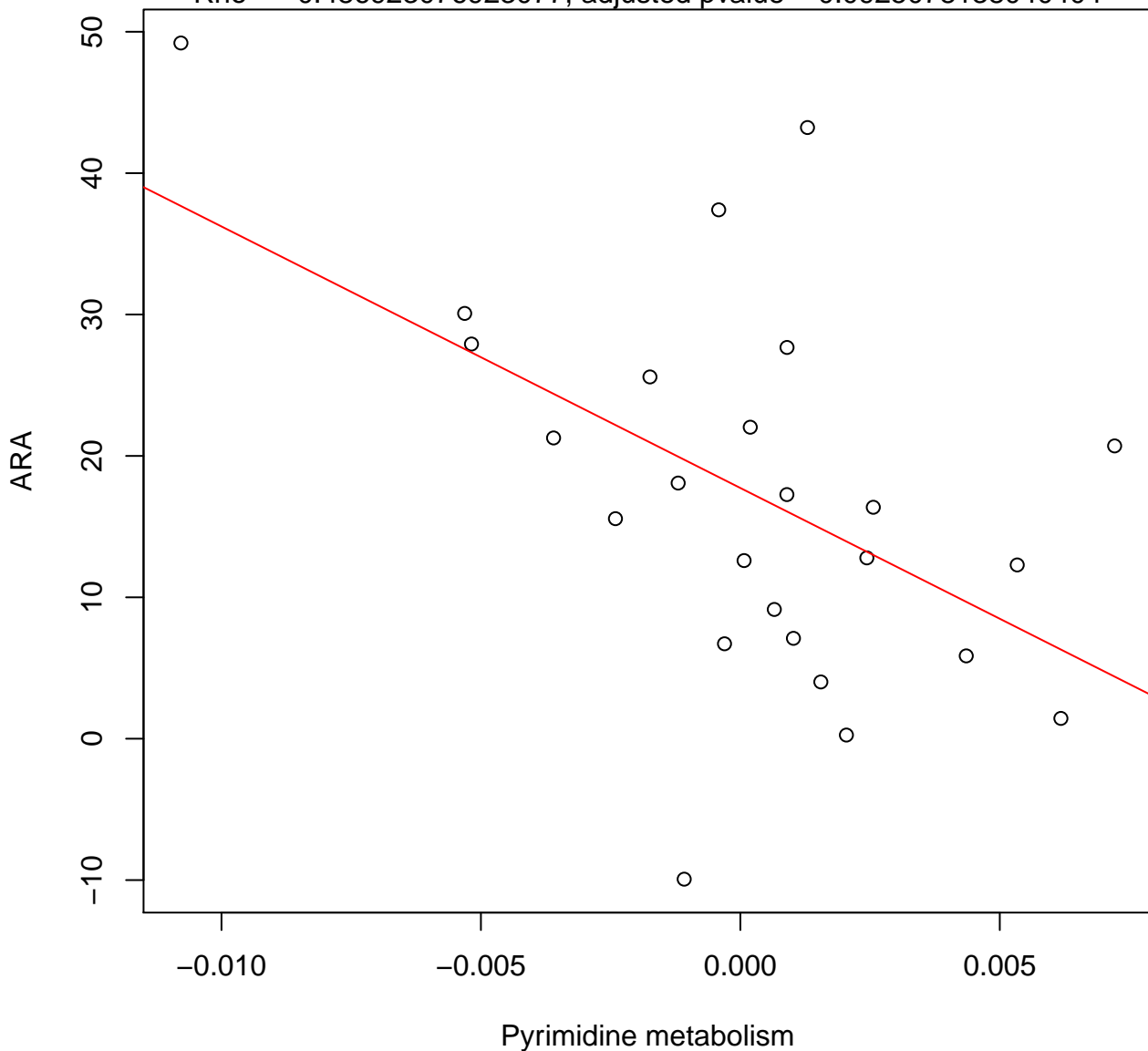
Group B, Delta ARA ~ Delta Primary bile acid biosynthesis

Rho = 0.456153846153846, adjusted pvalue = 0.111562901819656



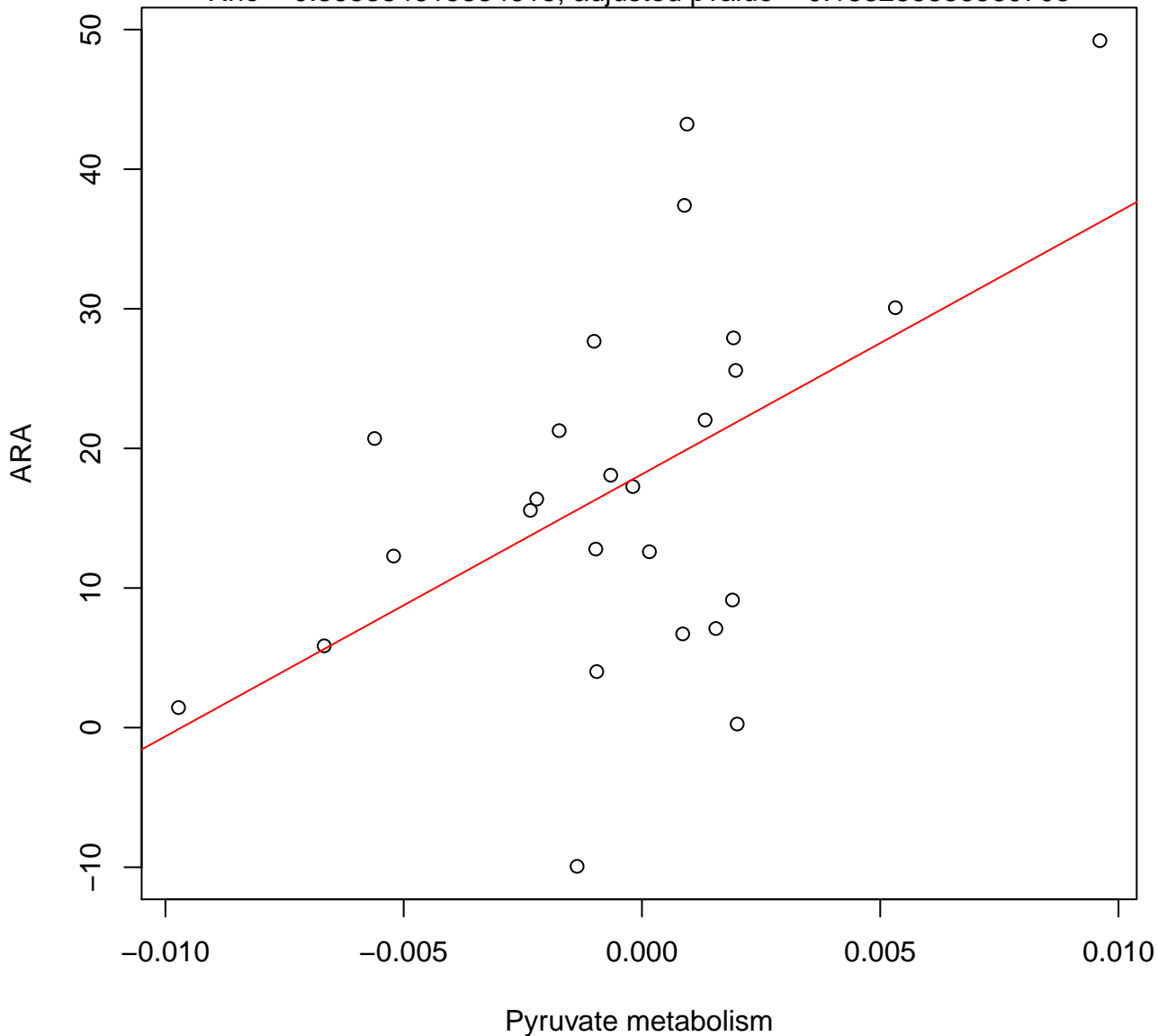
Group B, Delta ARA ~ Delta Pyrimidine metabolism

Rho = -0.486923076923077 , adjusted pvalue = 0.0925078138040404



Group B, Delta ARA ~ Delta Pyruvate metabolism

Rho = 0.395384615384615, adjusted pvalue = 0.188285856560708



Group B, Delta HDL ~ Delta Various types of N-glycan biosynthesis

Rho = -0.63976026625093, adjusted pvalue = 0.0321309612972387

