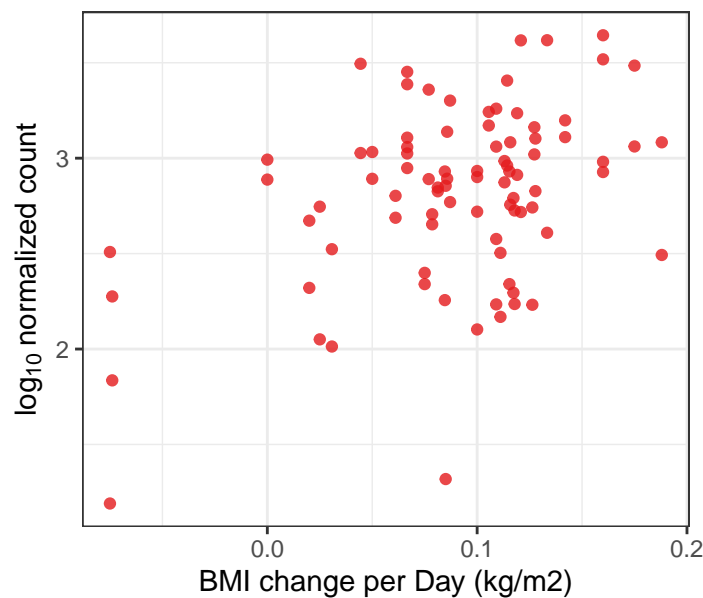


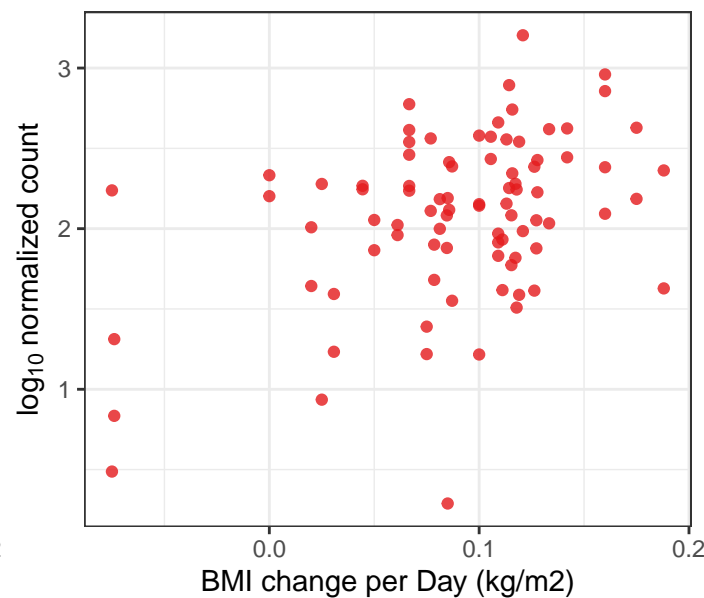
Clostridiales Family XVII. Incertae Sedis

p = 0.00878



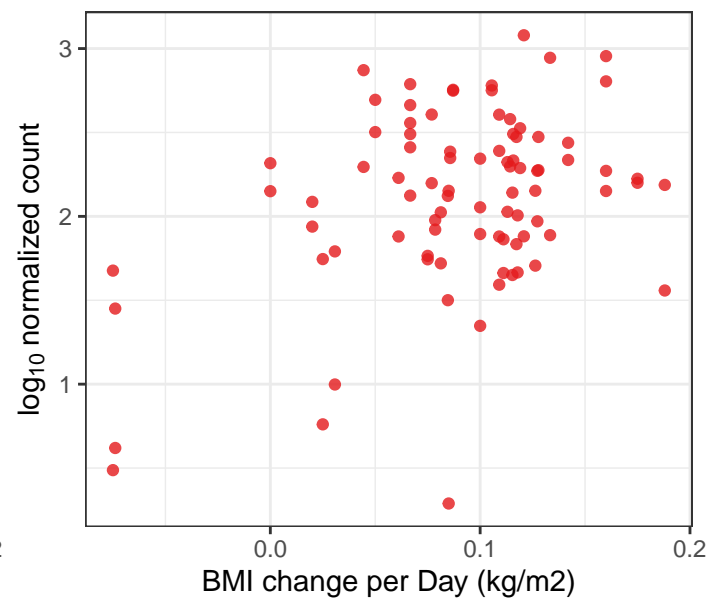
Euzebyaceae

p = 0.00878



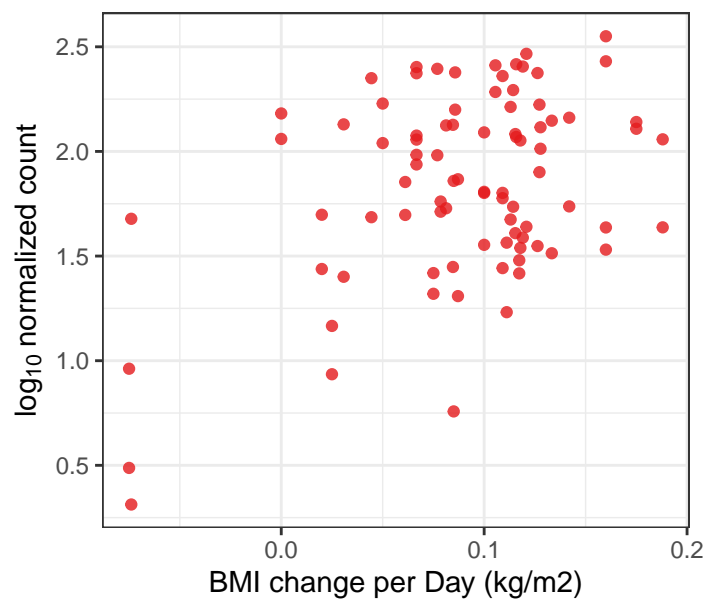
Glycomycetaceae

p = 0.00878



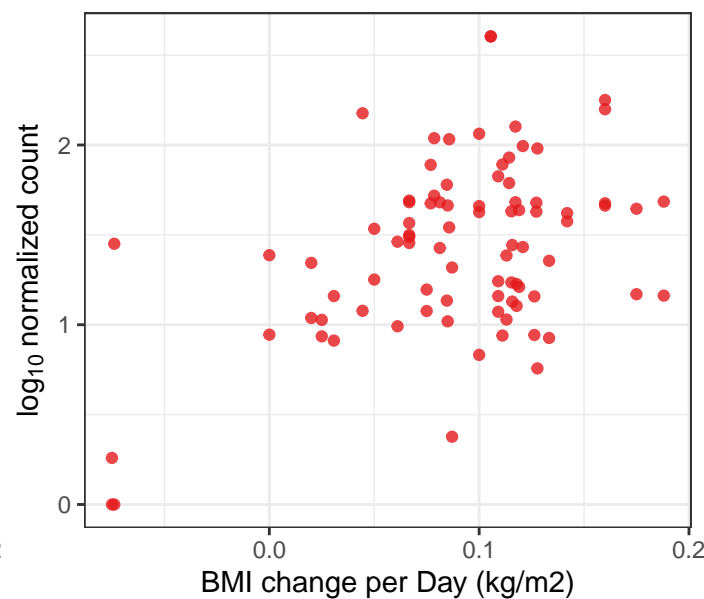
Methanotrichaceae

p = 0.00878



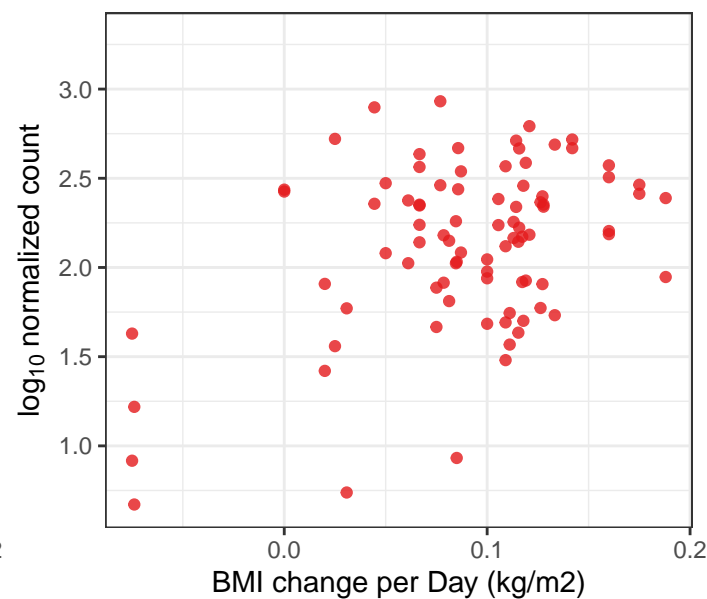
Parvularculaceae

p = 0.00878



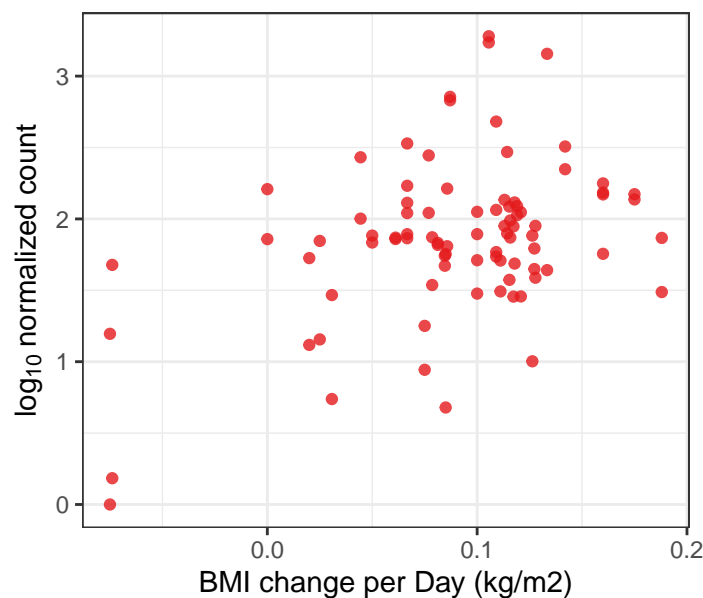
Unclassified Chromatiales Order

p = 0.00878



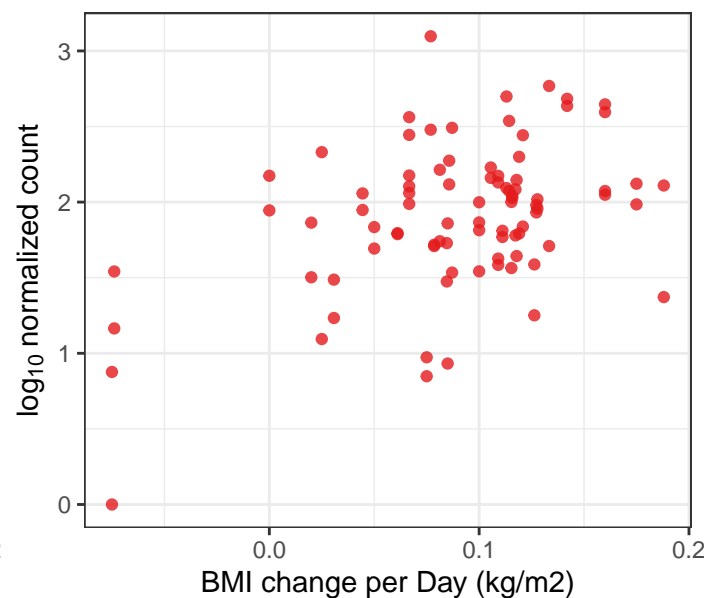
Unclassified Haloferacales Order

p = 0.00878



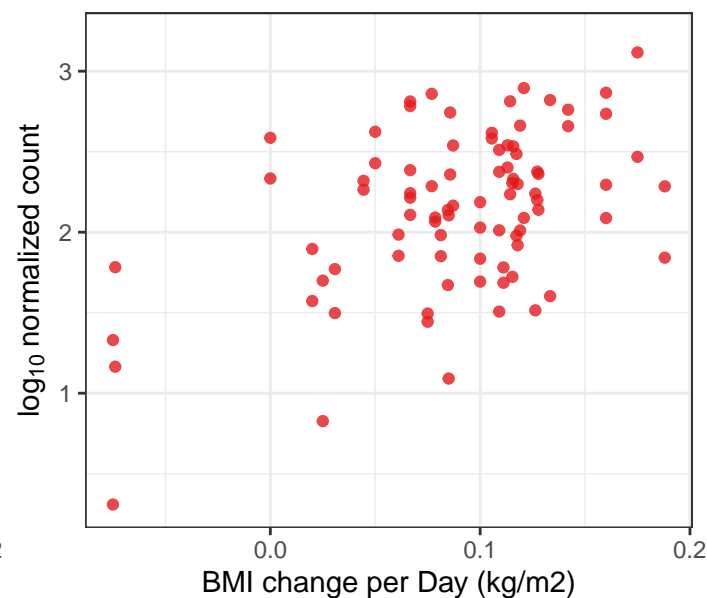
Bradymonadaceae

p = 0.0104



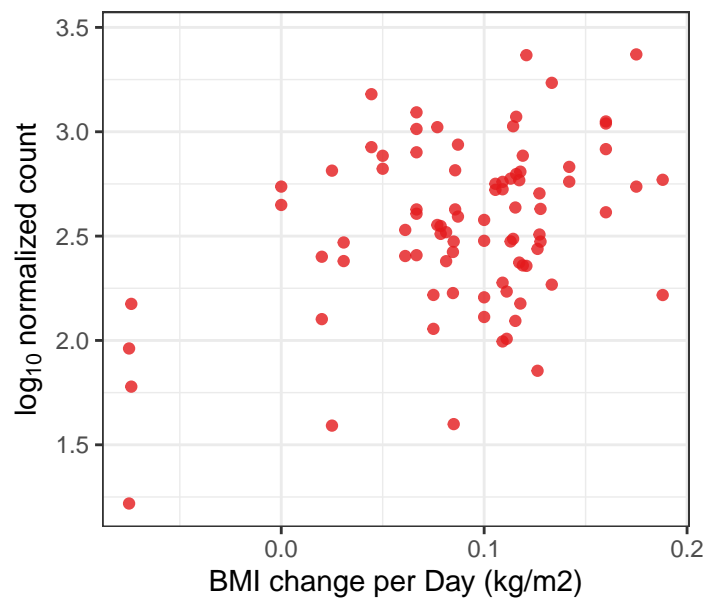
Chelatococcaceae

p = 0.0104



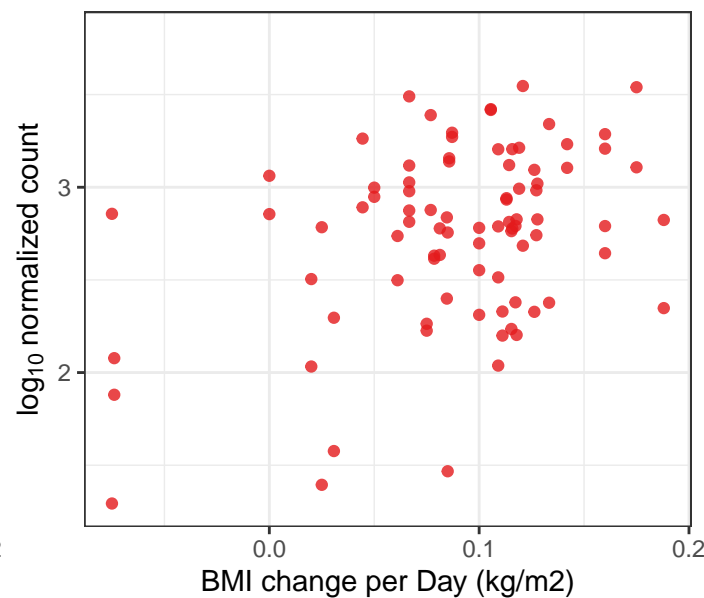
Rhodocyclaceae

p = 0.0104



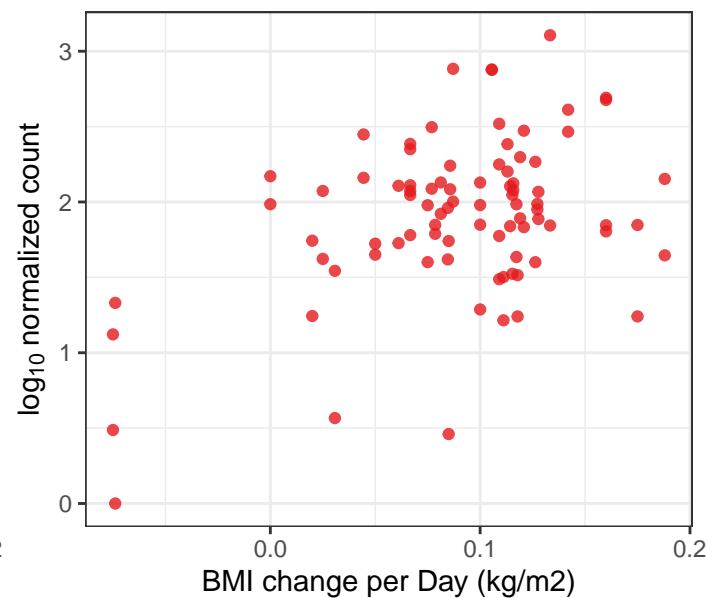
Thermomonosporaceae

p = 0.0104



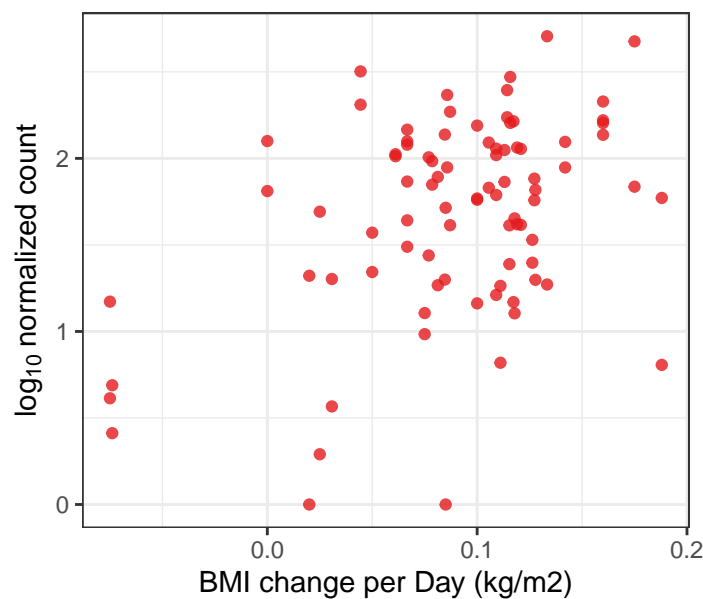
Unclassified Thermoplasmatales Order

p = 0.0104



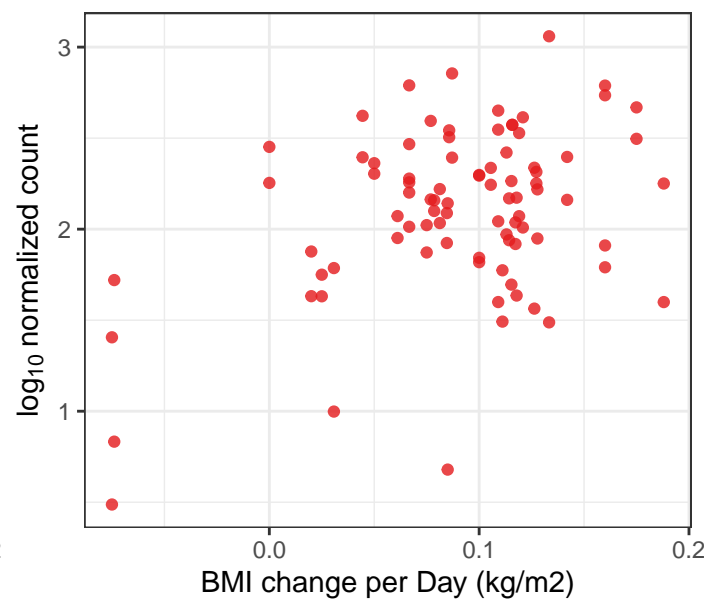
Wenzhouxiangellaceae

p = 0.0104



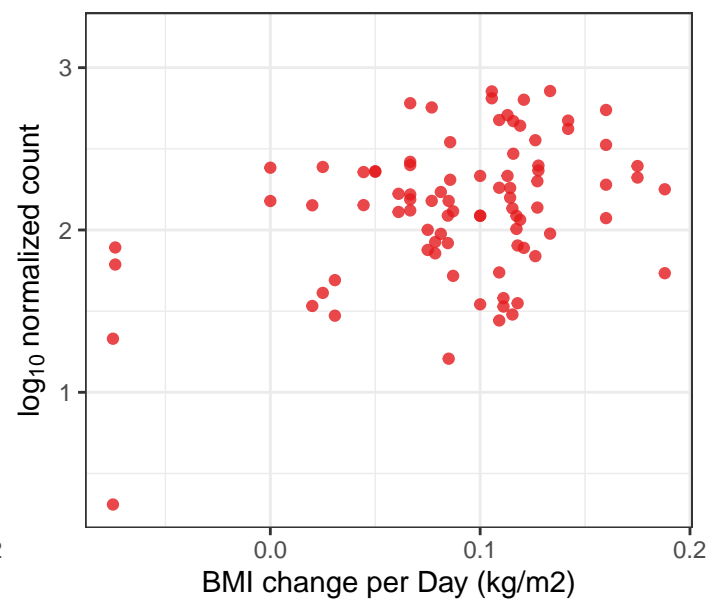
Unclassified Halobacteria Class

p = 0.0107



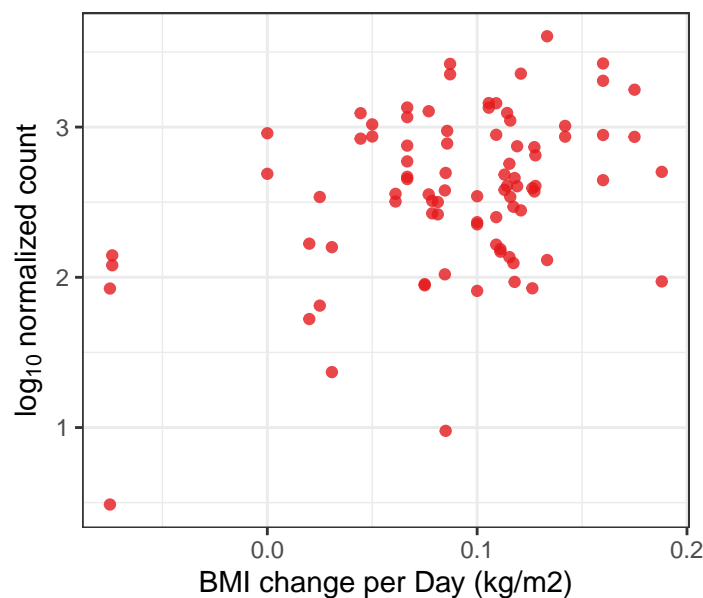
Tepidiformaceae

p = 0.0148



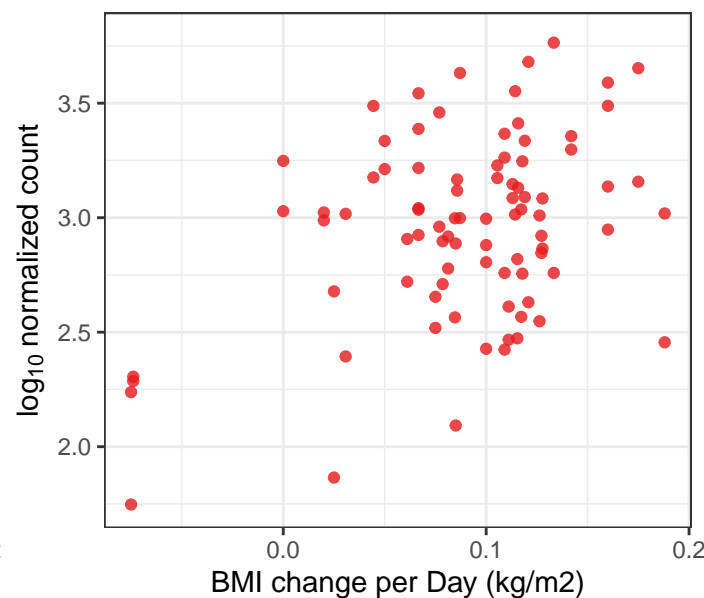
Unclassified Myxococcales Order

p = 0.0148



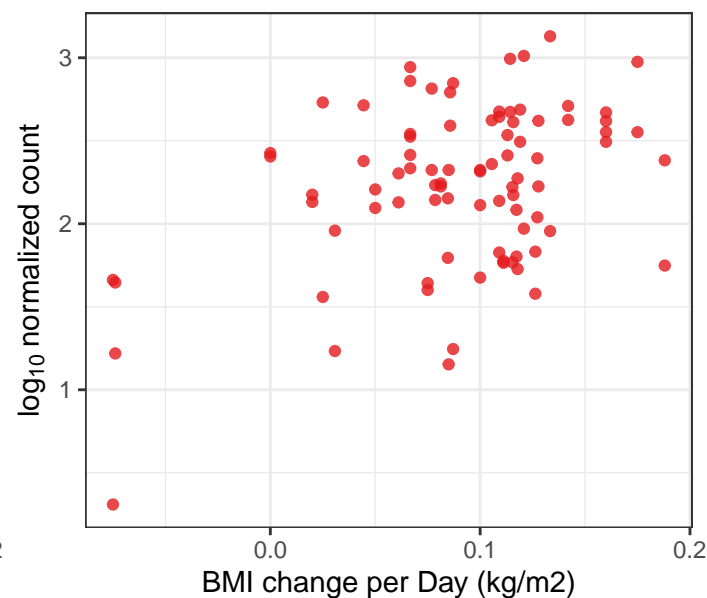
Streptosporangiaceae

p = 0.0157



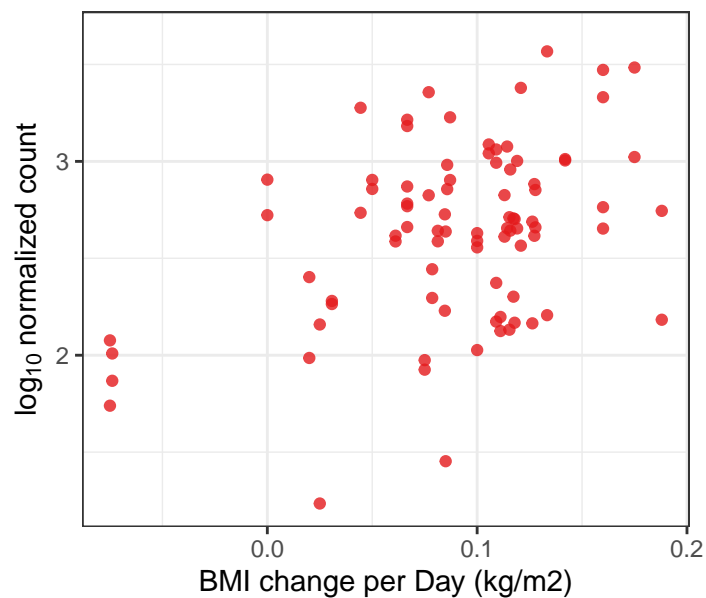
Desulfarculaceae

p = 0.0171



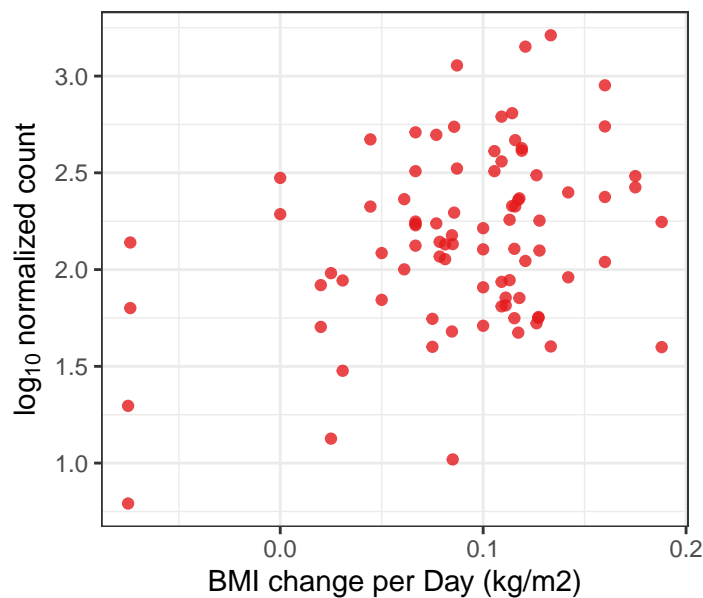
Symbiobacteriaceae

p = 0.0189



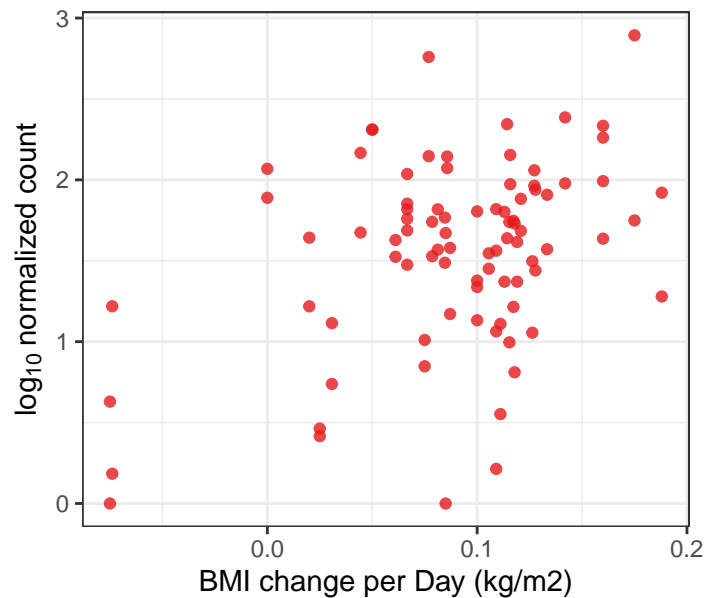
Vicinamibacteraceae

p = 0.0189



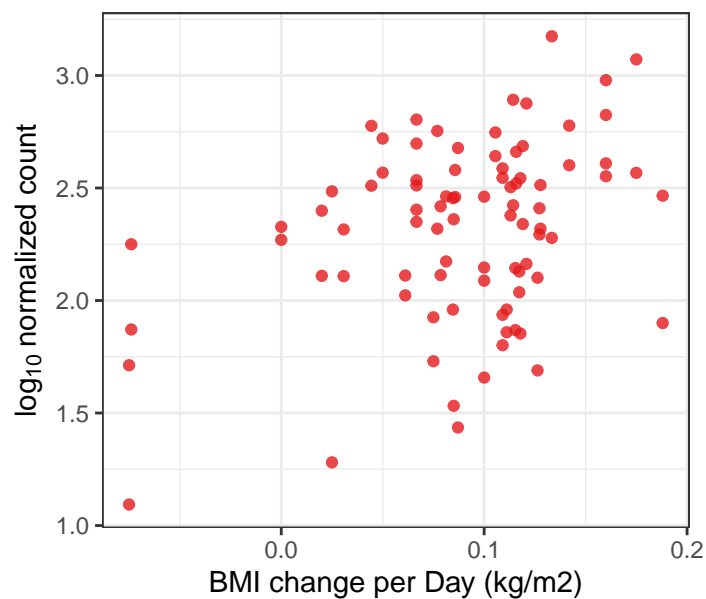
Candidatus Methanomethylophilaceae

p = 0.0191



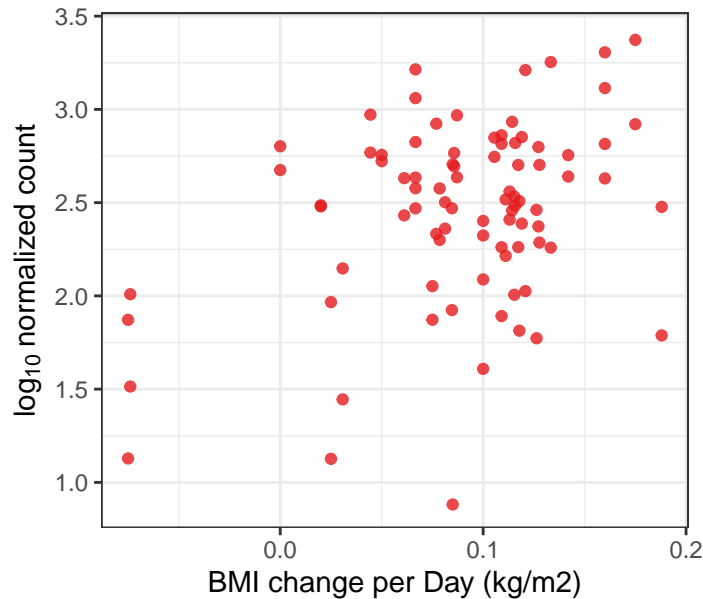
Nakamurellaceae

p = 0.0191



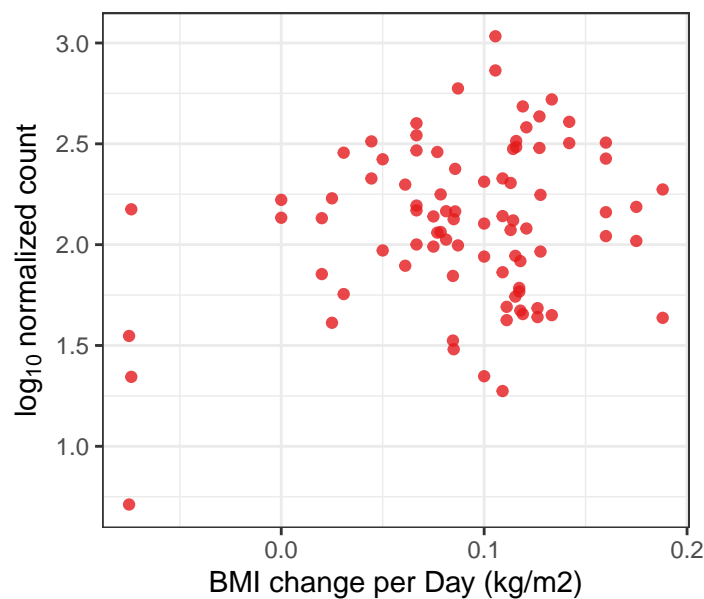
Unclassified Deltaproteobacteria Class

p = 0.0191



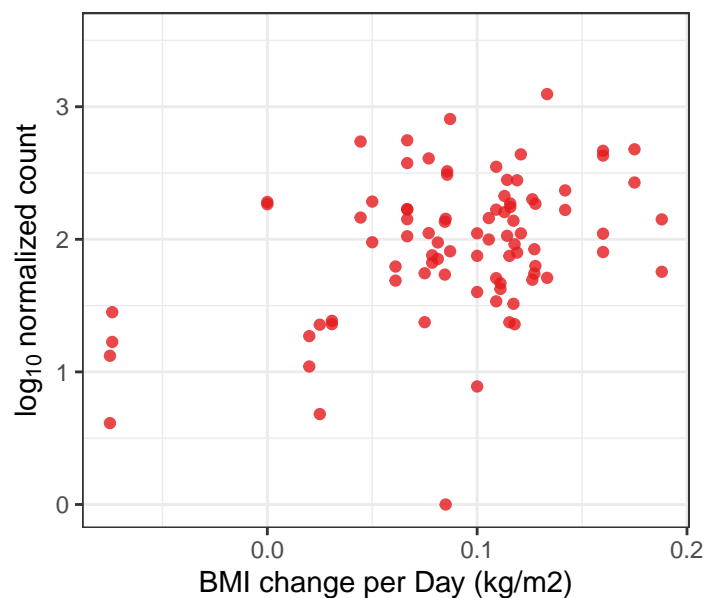
Unclassified Kiritimatiellaeota Phylum

p = 0.0191



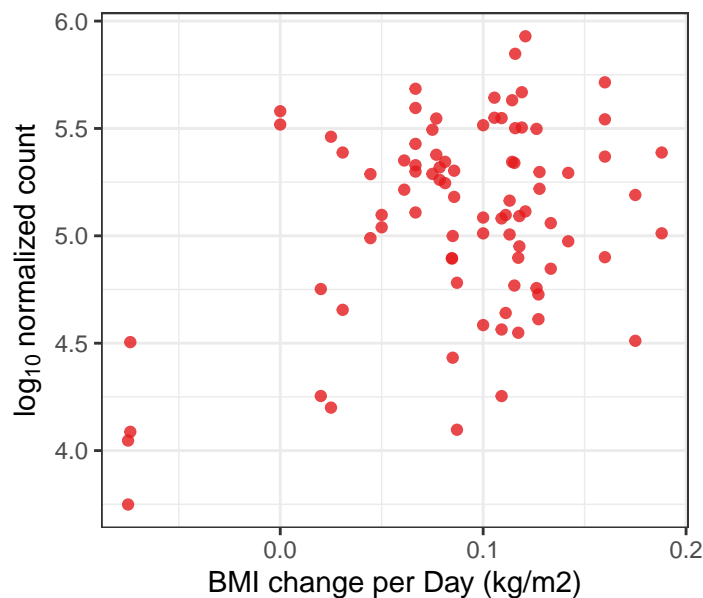
Egicoccaceae

p = 0.0198



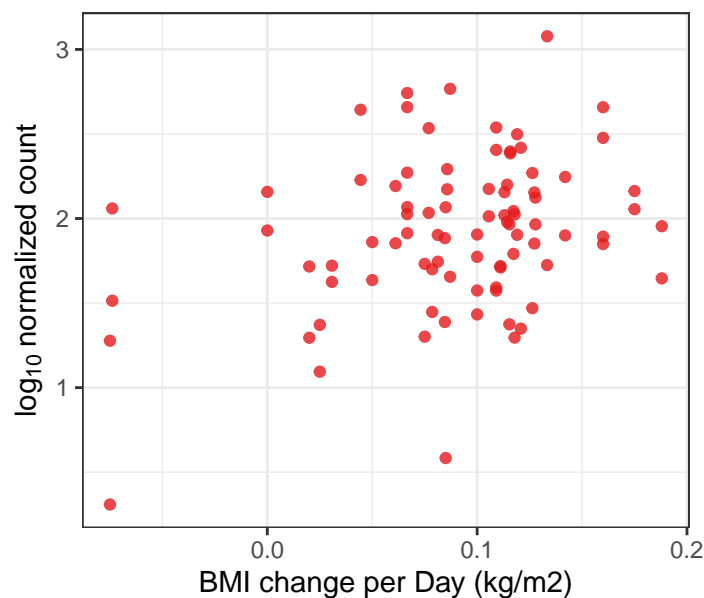
Oscillospiraceae

p = 0.0198



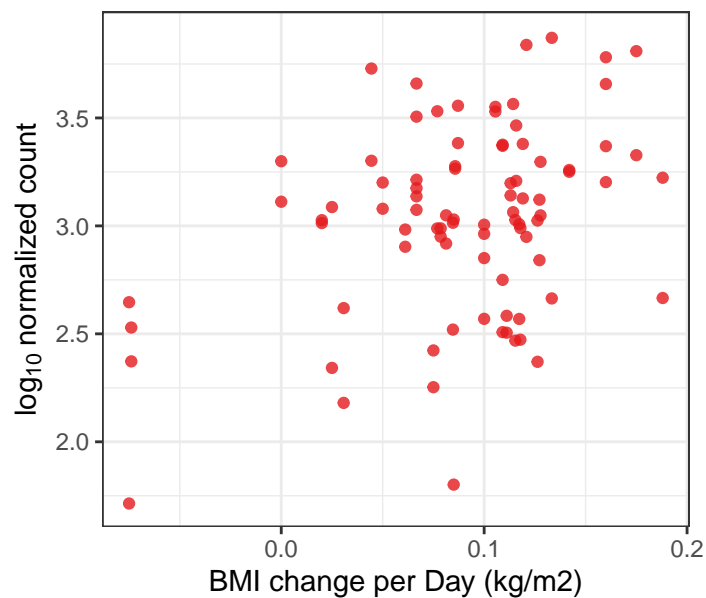
Kiritimatiellaceae

p = 0.0216



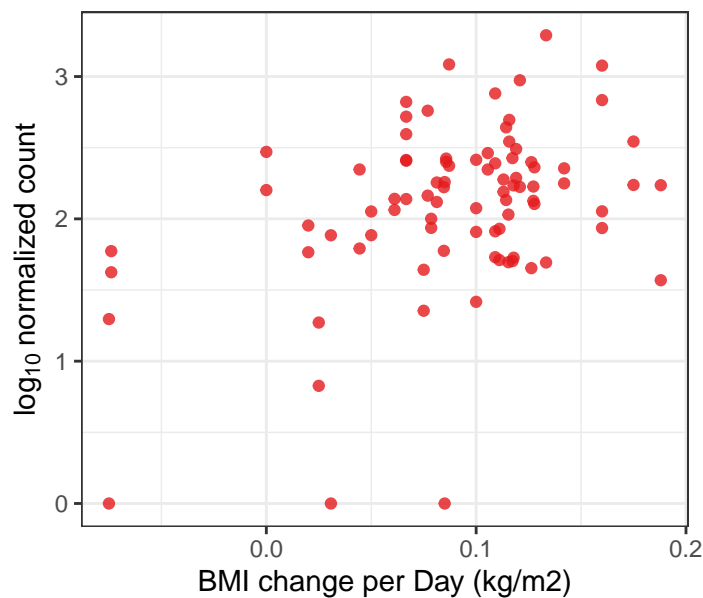
Myxococcaceae

p = 0.0216



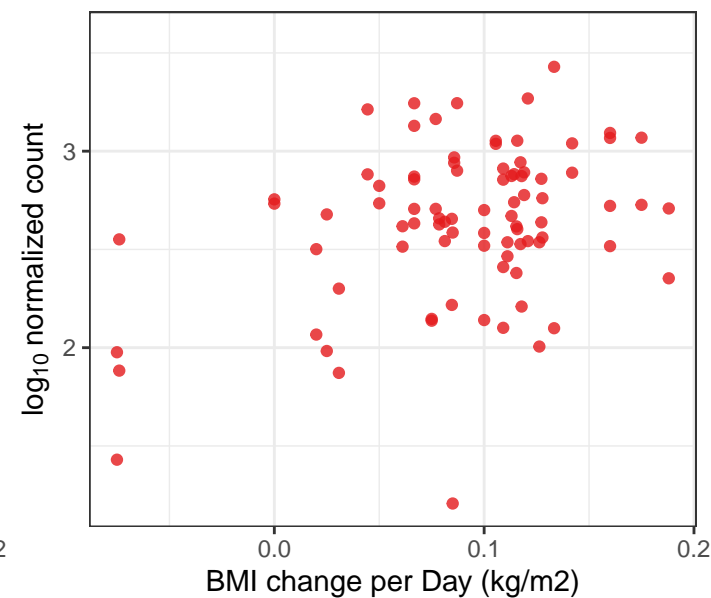
Sphaerobacteraceae

p = 0.0216



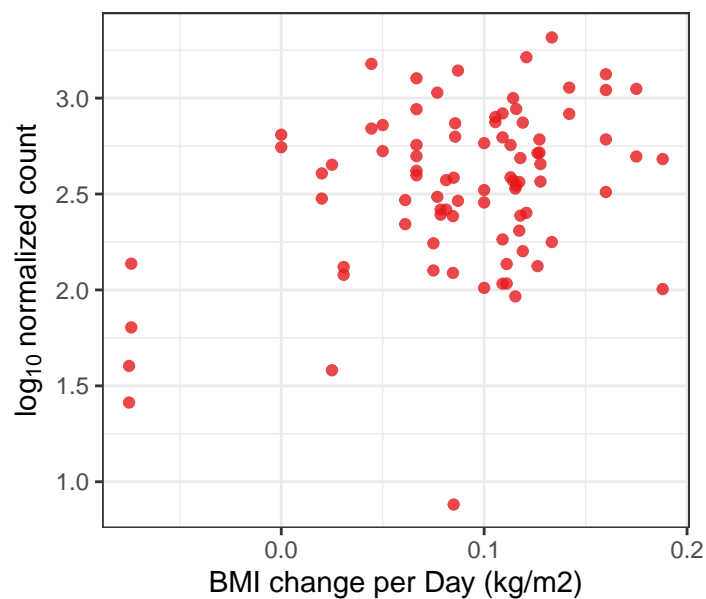
Sterolibacteriaceae

p = 0.0216



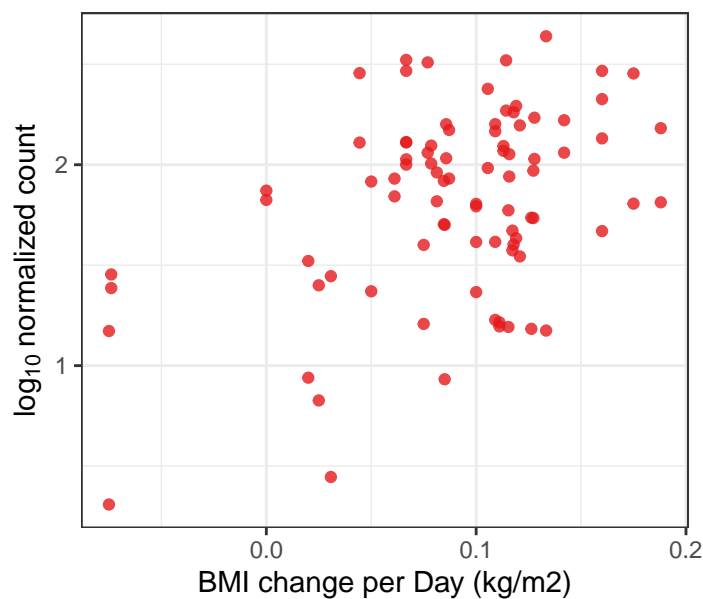
Aurantimonadaceae

p = 0.0219



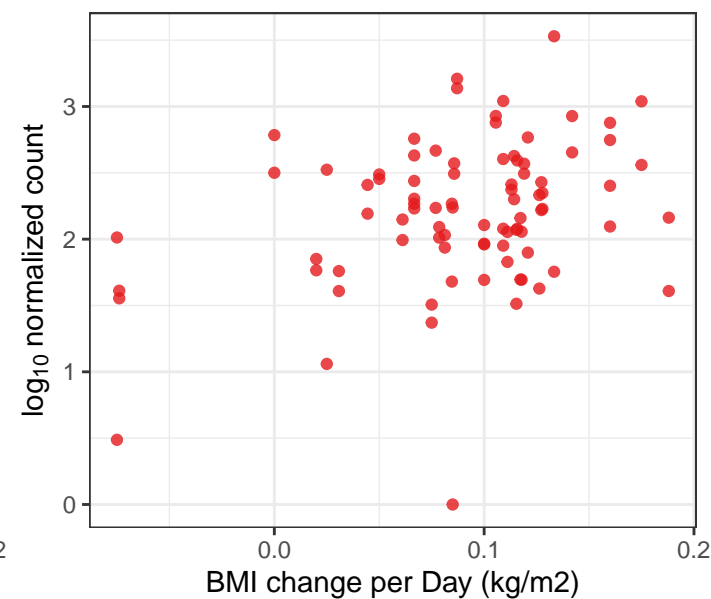
Unclassified Rhodocyclales Order

p = 0.0221



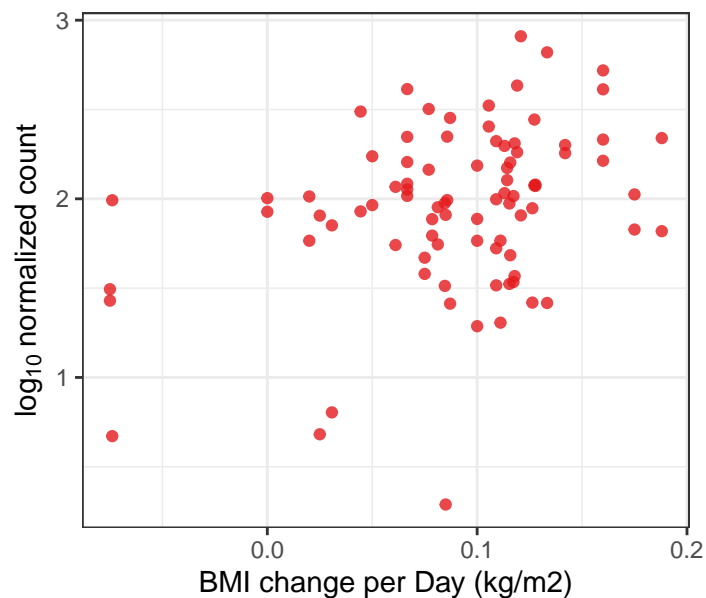
Catenulisporaceae

p = 0.0224



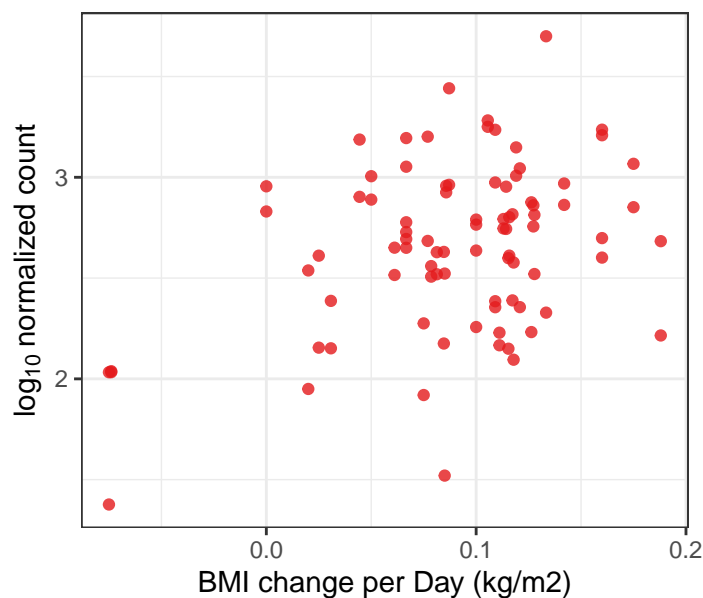
Coleofasciculaceae

p = 0.0224



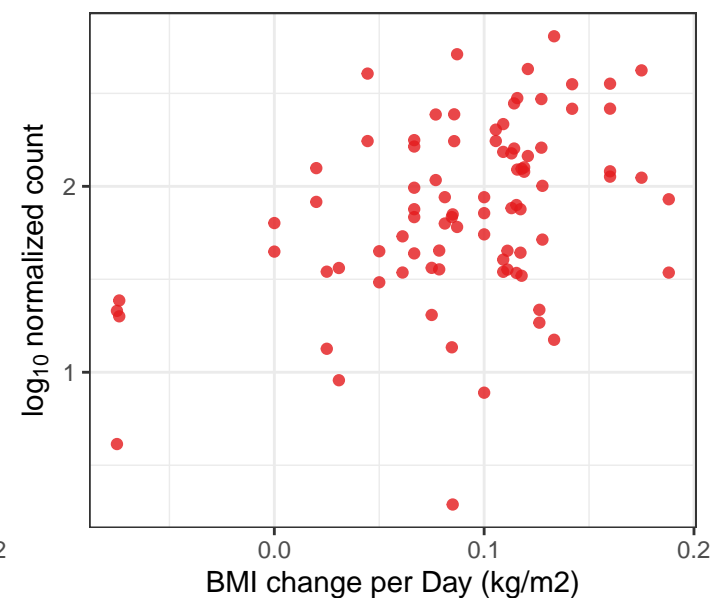
Haloarculaceae

p = 0.0224



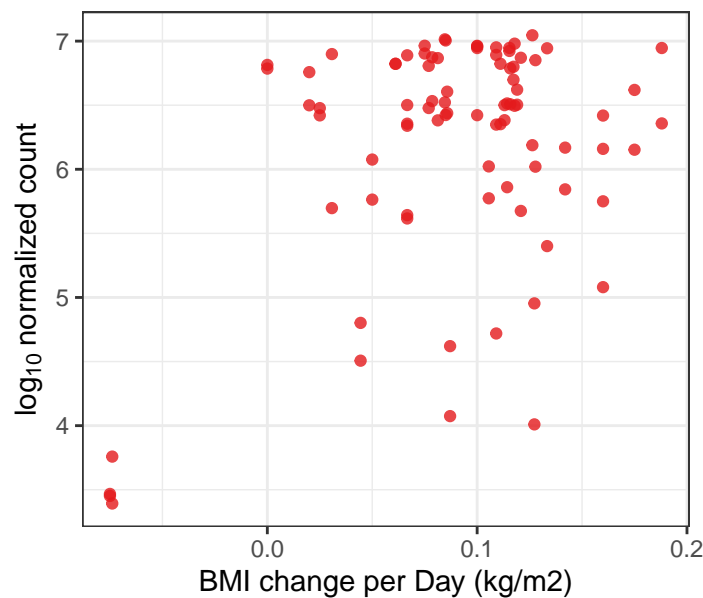
Unclassified Phycisphaerae Class

p = 0.0224



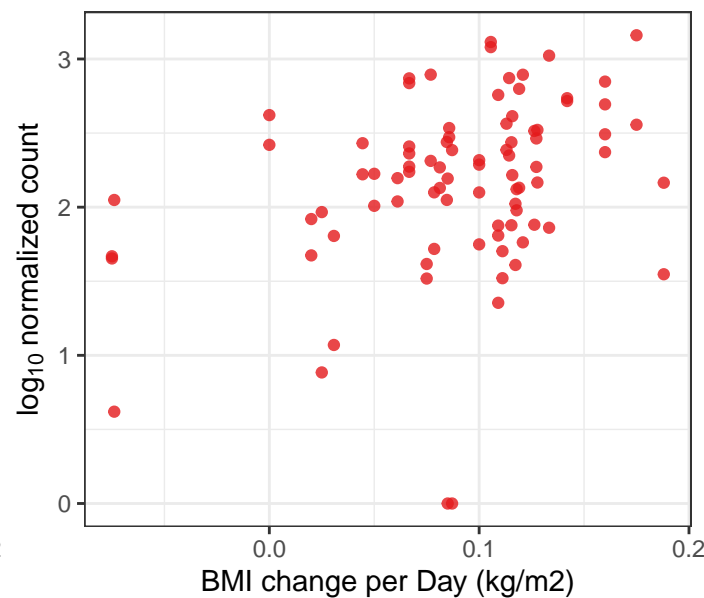
Bacteroidaceae

p = 0.0232



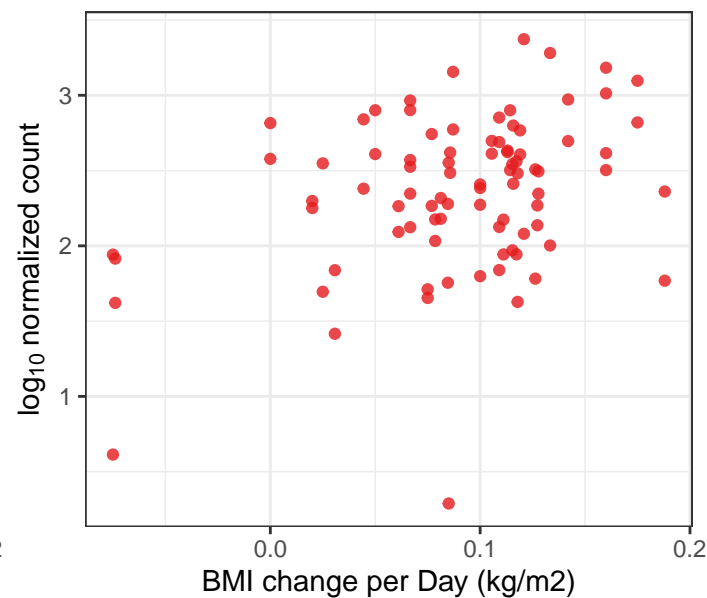
Ardenticatenaceae

p = 0.0271



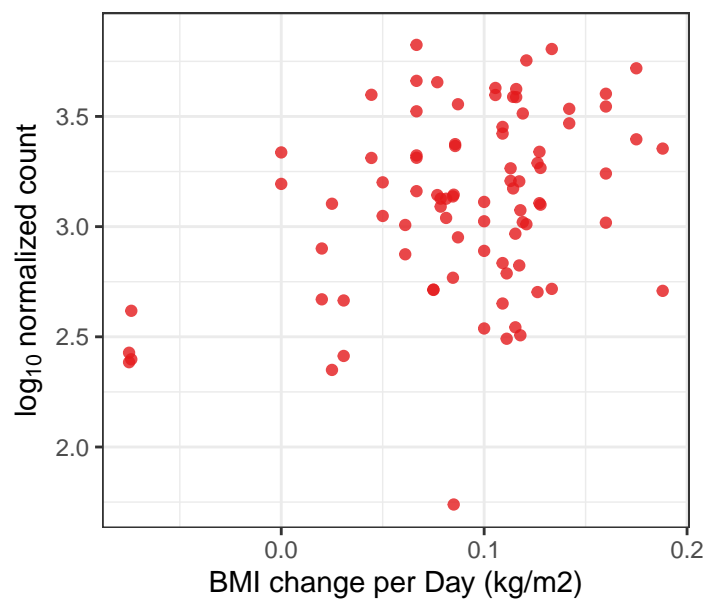
Bogoriellaceae

p = 0.0271



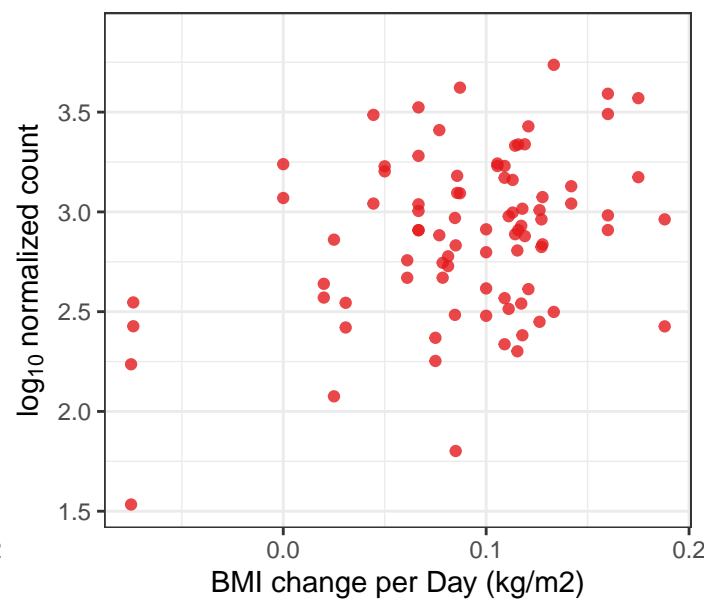
Ectothiorhodospiraceae

p = 0.0271



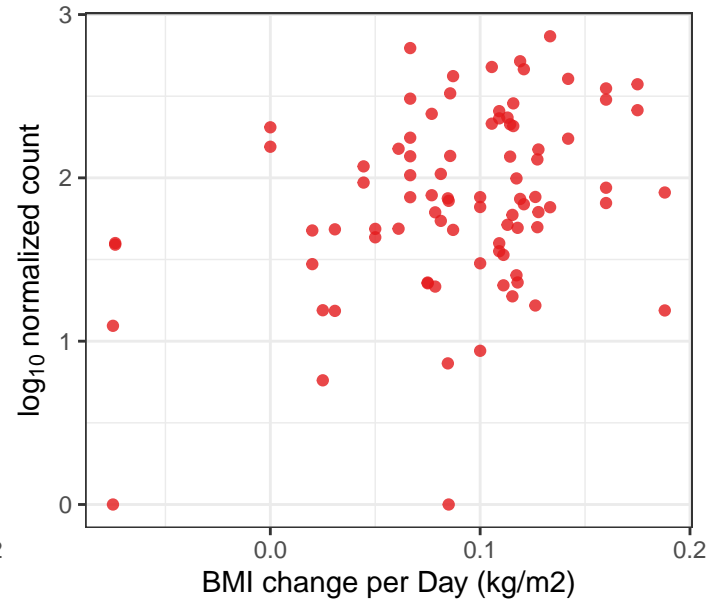
Gordoniaceae

p = 0.0271



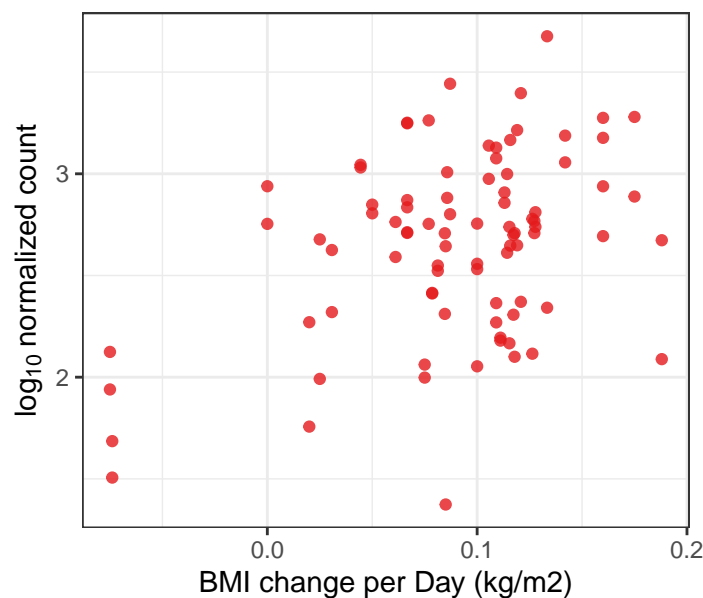
Ilumatobacteraceae

p = 0.0271



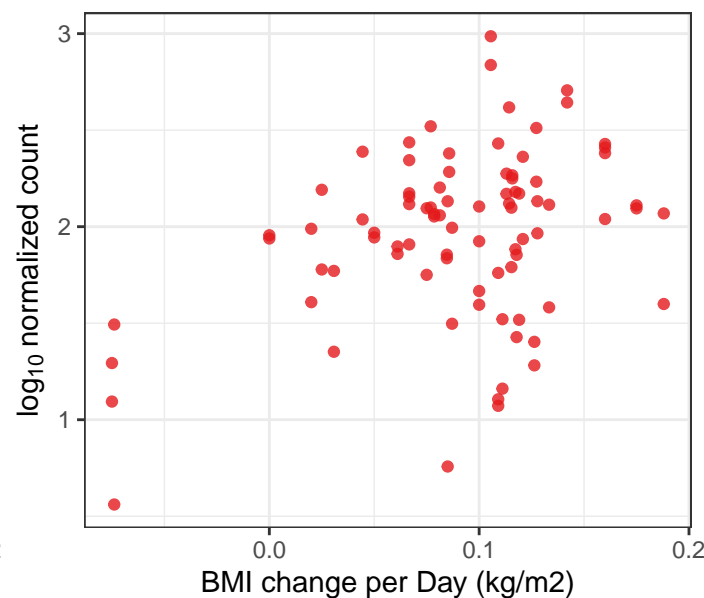
Isosphaeraceae

p = 0.0271



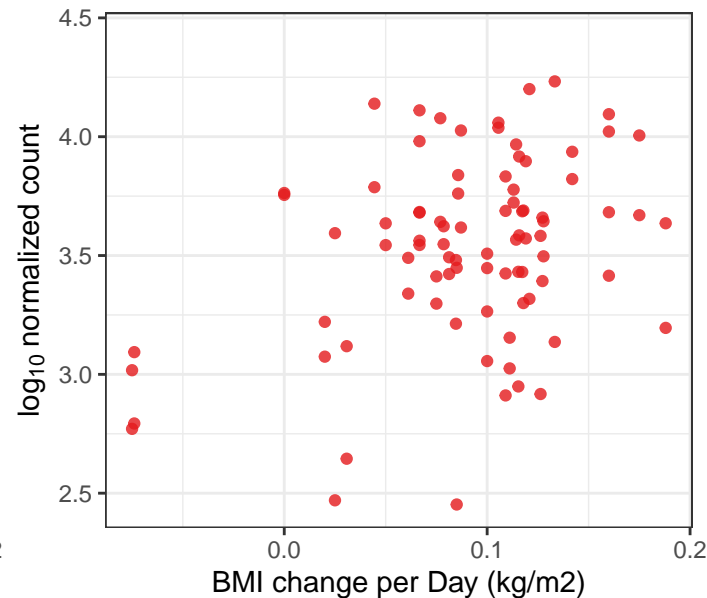
Lacipirellulaceae

p = 0.0271



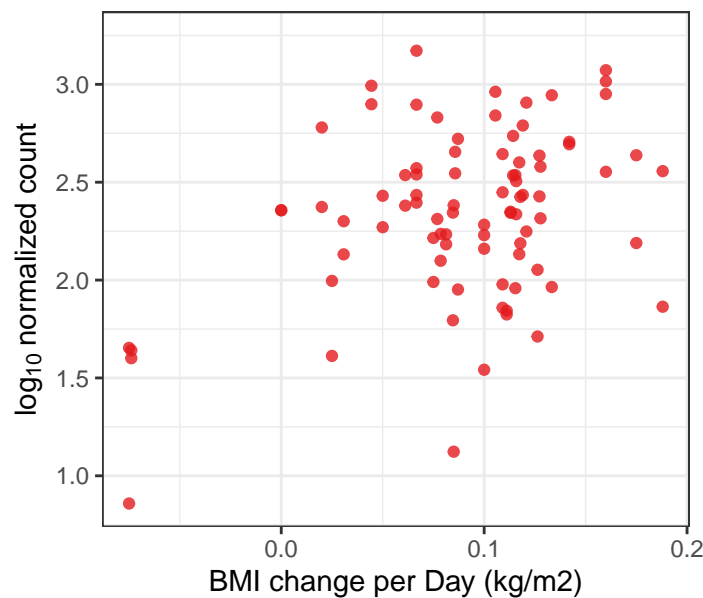
Unclassified Burkholderiales Order

p = 0.0271



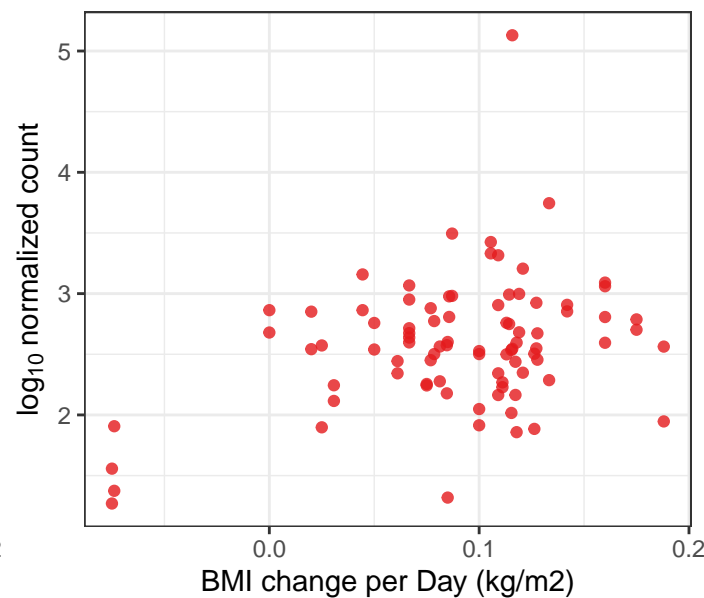
Unclassified Verrucomicrobia Phylum

p = 0.0271



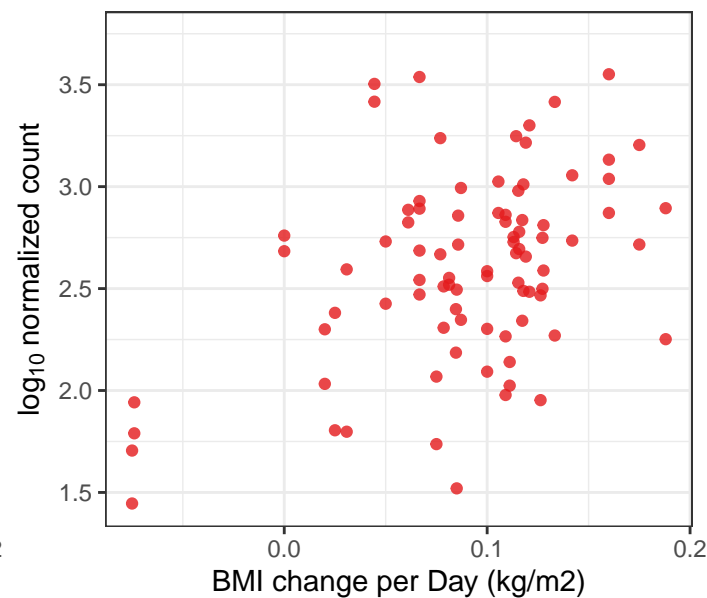
Unclassified Victivallales Order

p = 0.0271



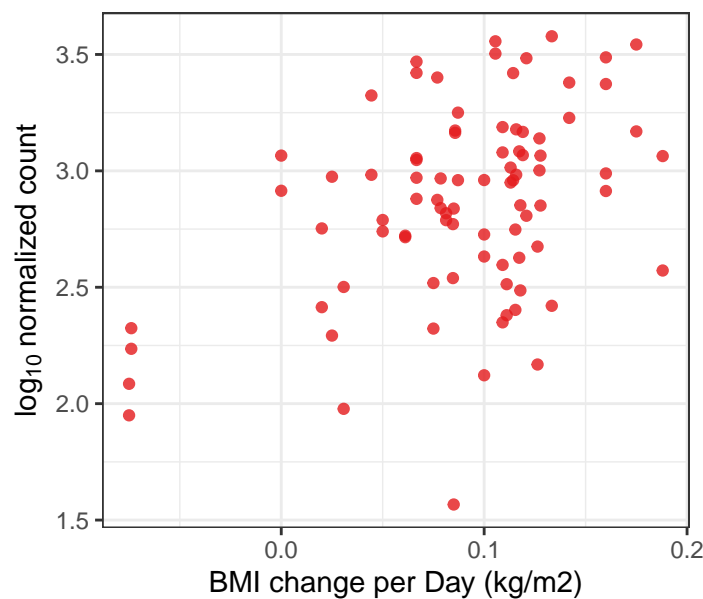
Verrucomicrobiaceae

p = 0.0271



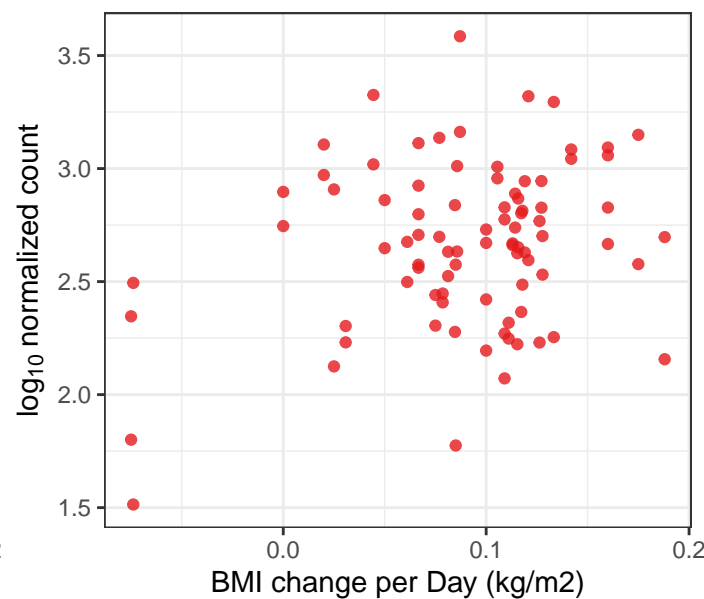
Xanthobacteraceae

p = 0.0271



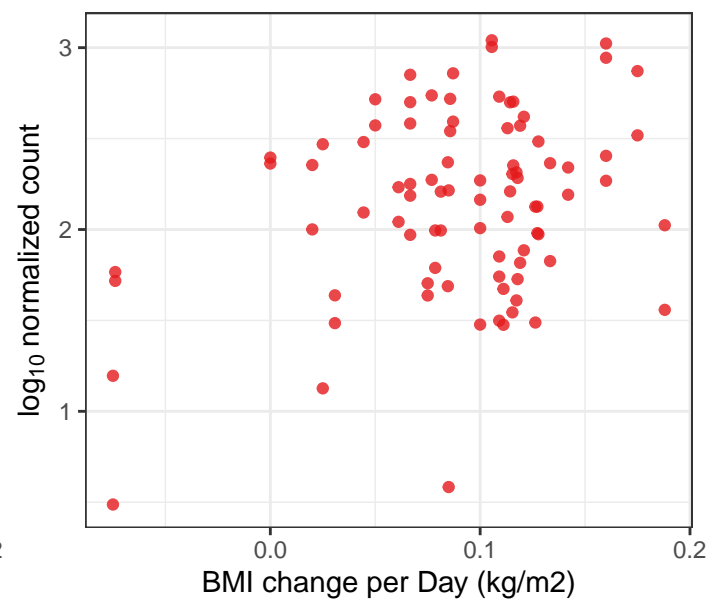
Alcanivoracaceae

p = 0.0284



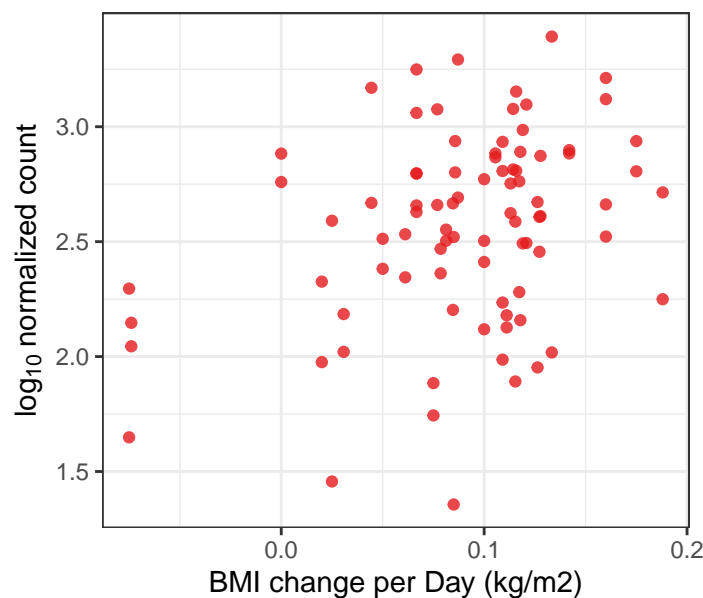
Sandaracinaceae

p = 0.0284



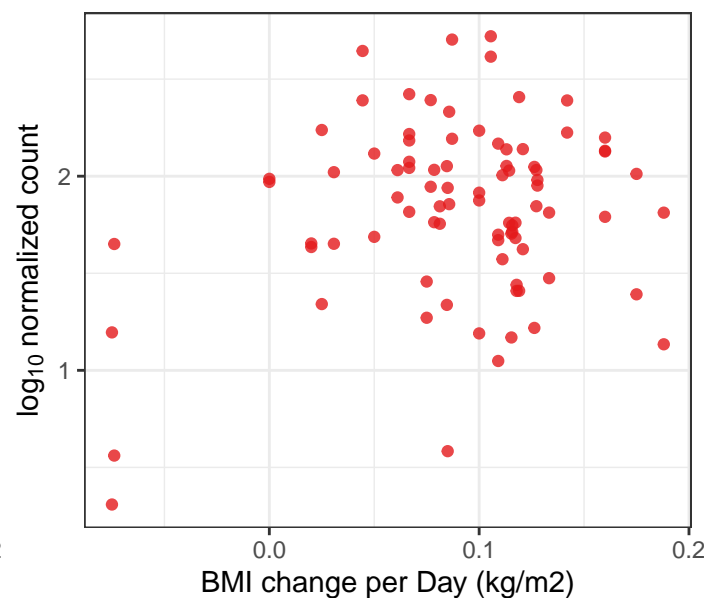
Gemmatimonadaceae

p = 0.029



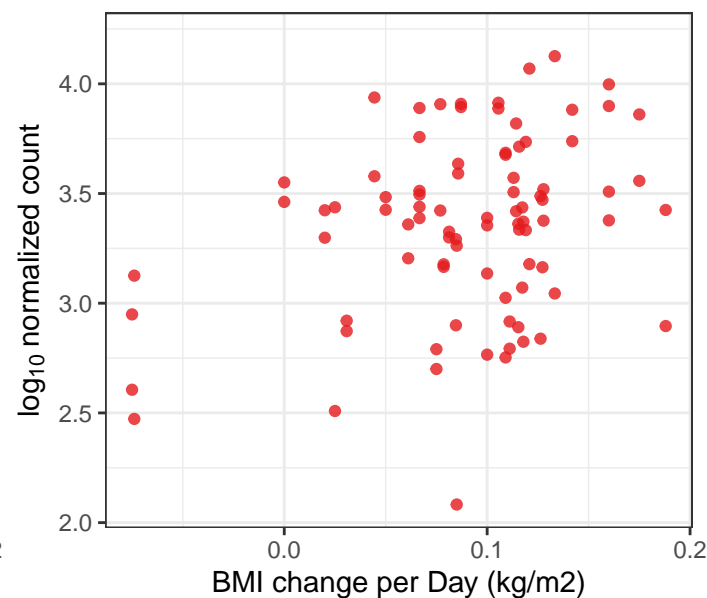
Desulfohalobiaceae

p = 0.0292



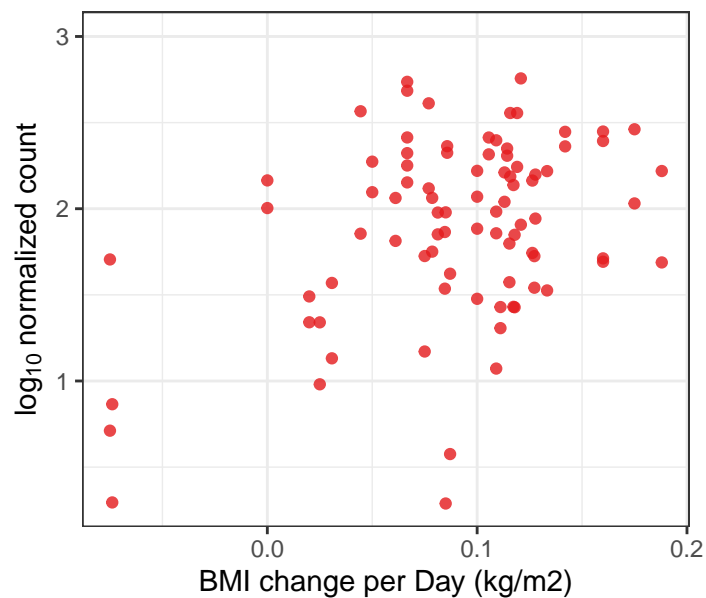
Deinococcaceae

p = 0.0301



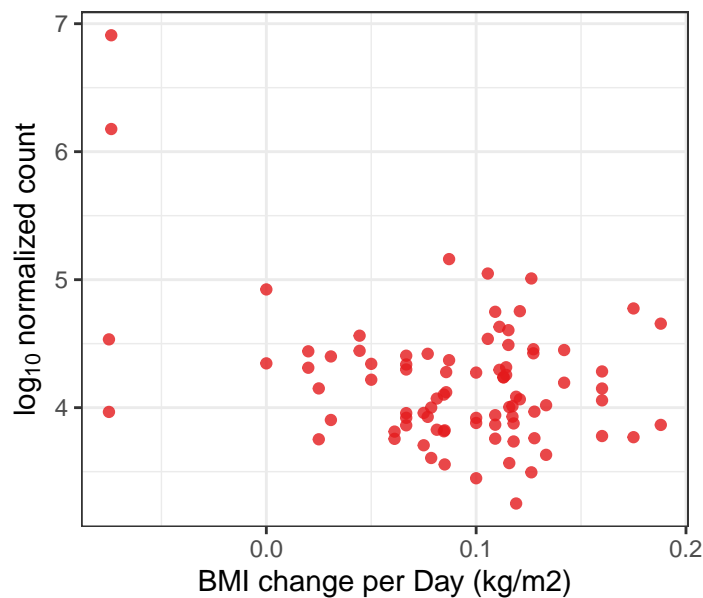
Immundisolibacteraceae

p = 0.0301



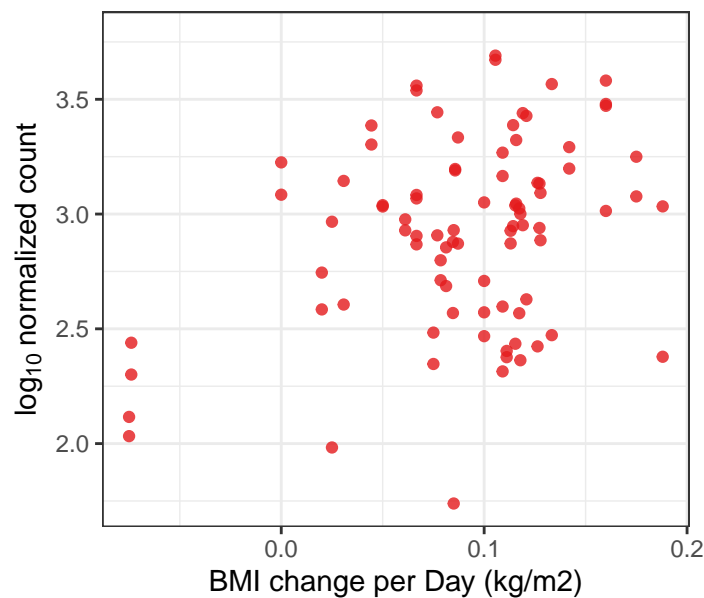
Lactobacillaceae

p = 0.0301



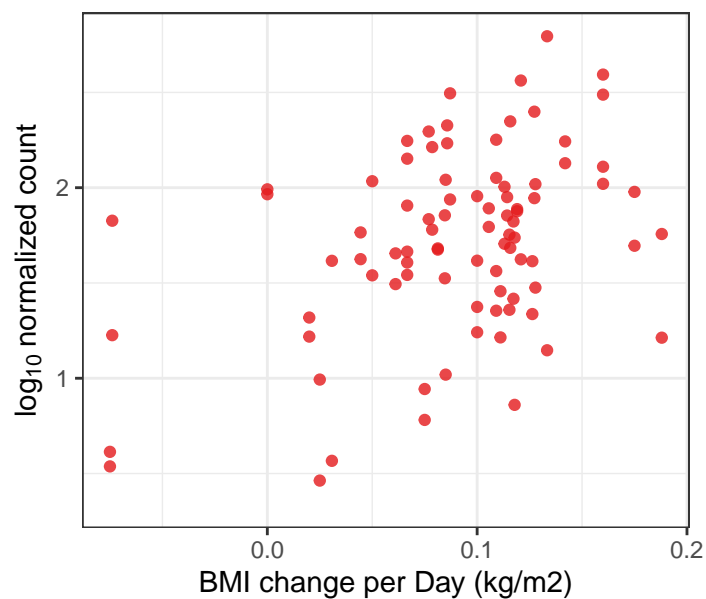
Opitutaceae

p = 0.0301



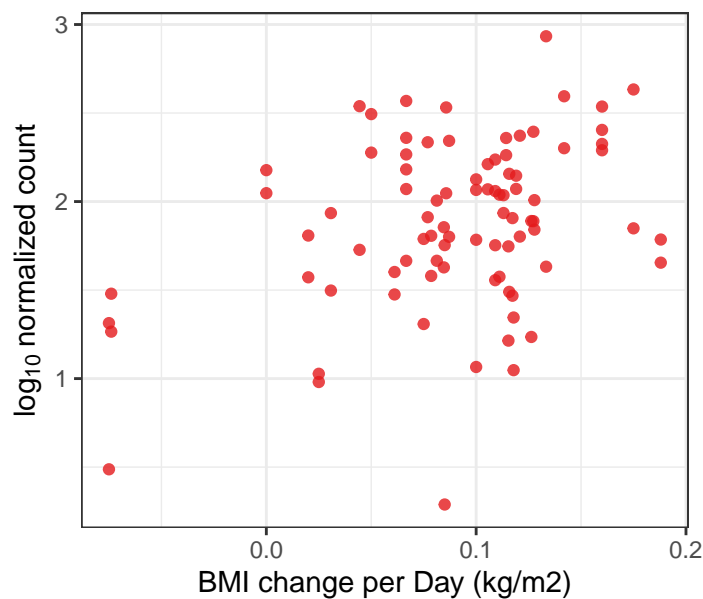
Sporichthyaceae

p = 0.0301



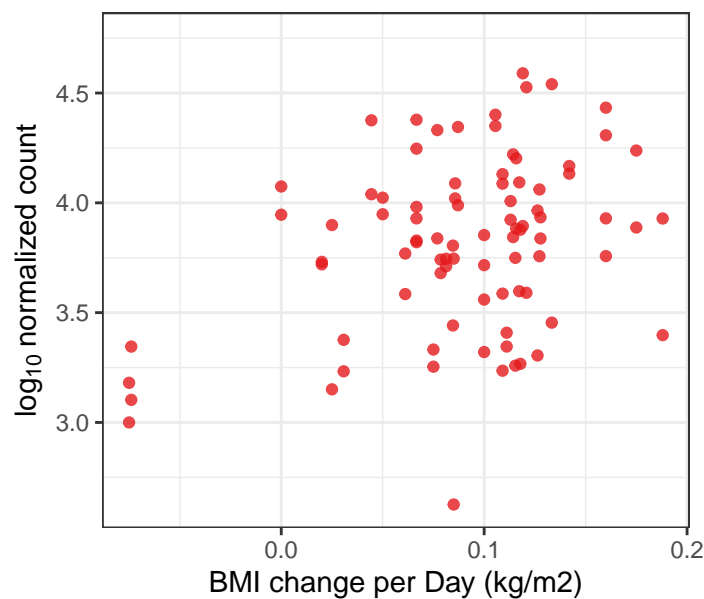
Unclassified Propionibacteriales Order

p = 0.0301



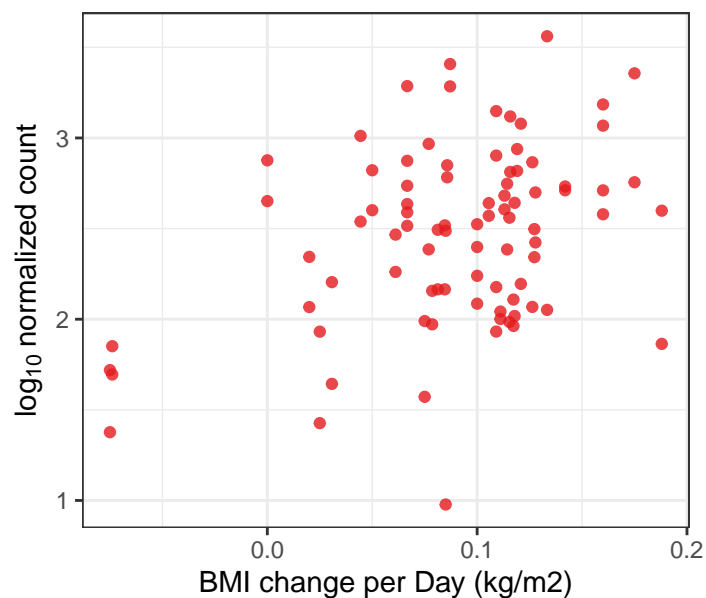
Comamonadaceae

p = 0.0306



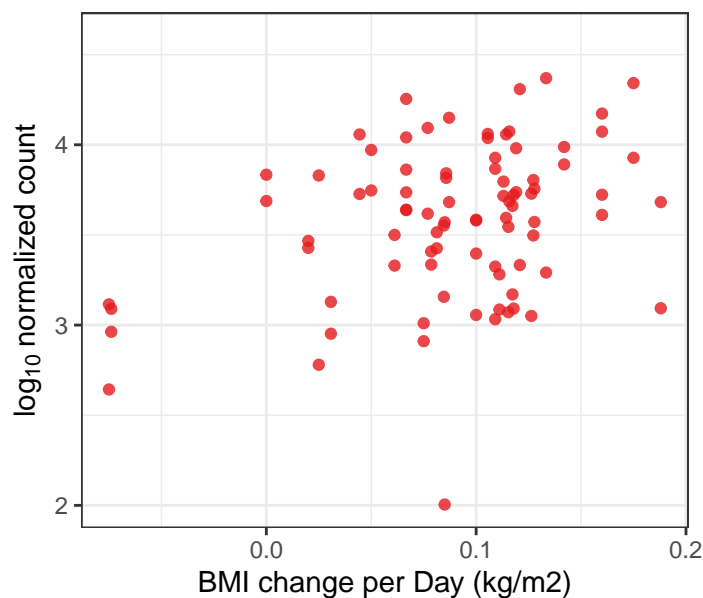
Jiangellaceae

p = 0.0306



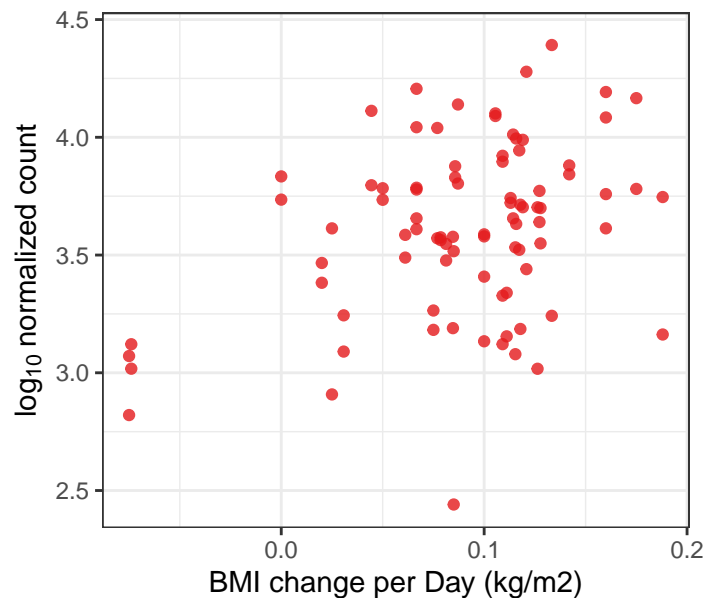
Micromonosporaceae

p = 0.0306



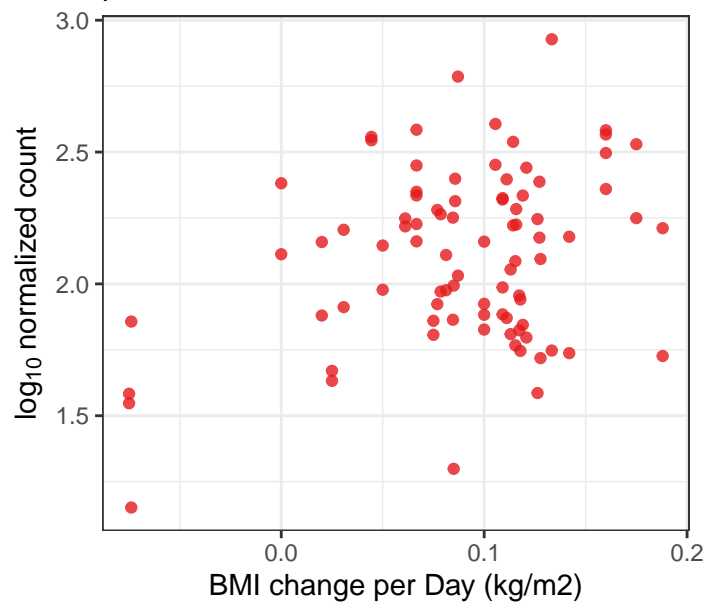
Rhodospirillaceae

p = 0.0306



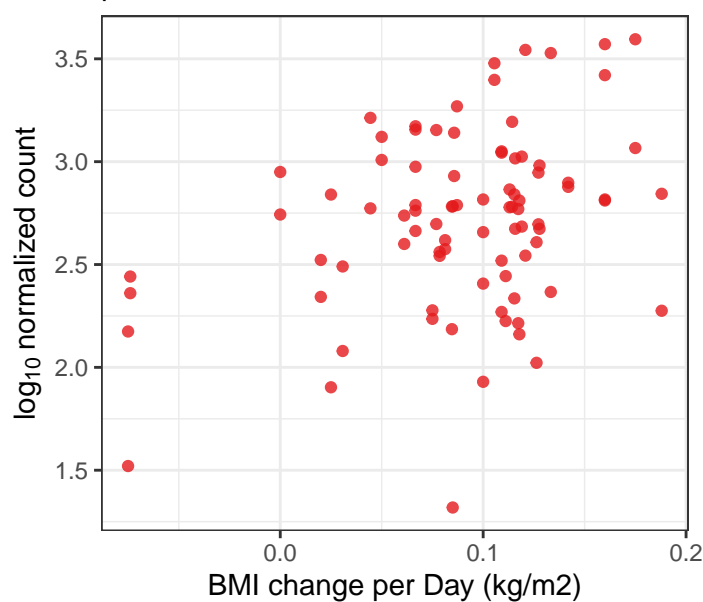
Hahellaceae

$p = 0.0312$



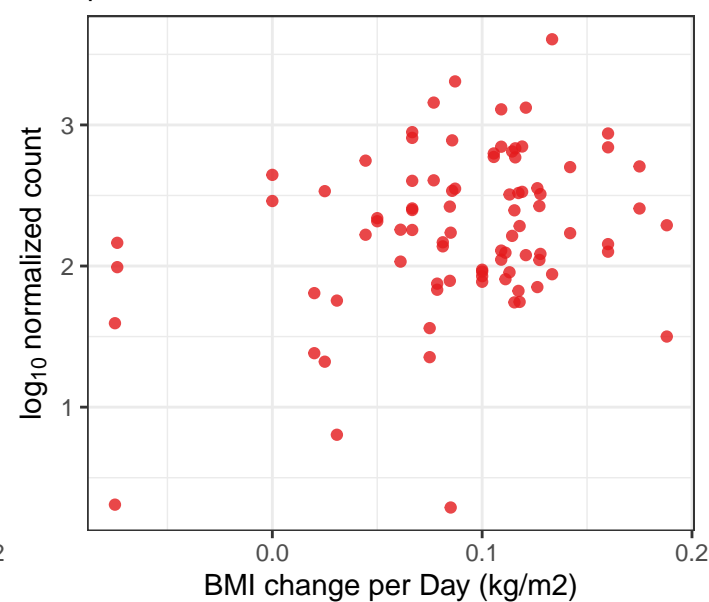
Rubrobacteraceae

$p = 0.0325$



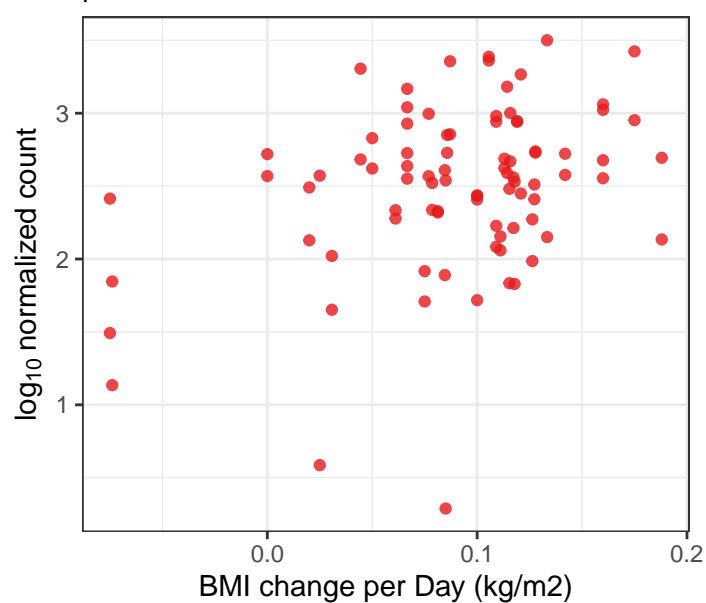
Baekduiaceae

$p = 0.0327$



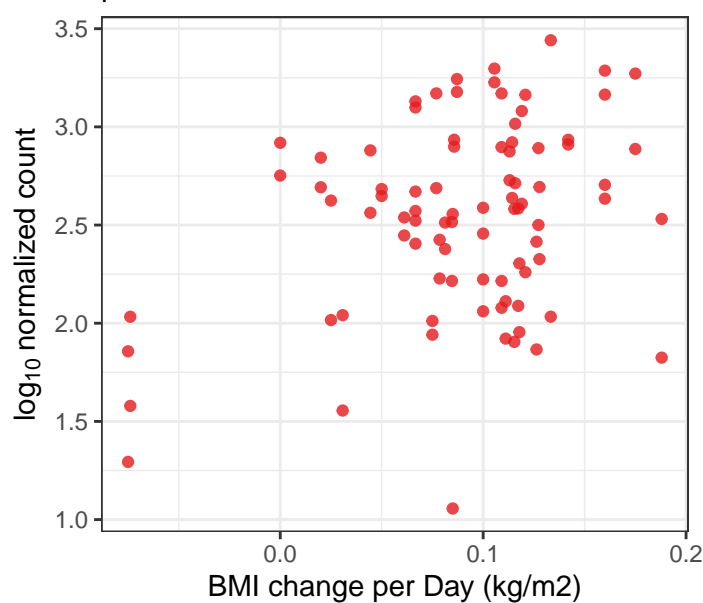
Geodermatophilaceae

$p = 0.0327$



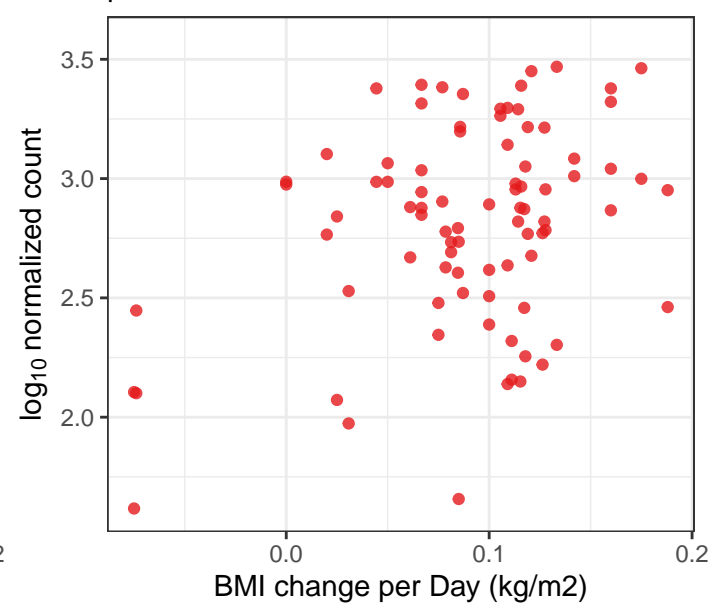
Halobacteriaceae

$p = 0.0327$



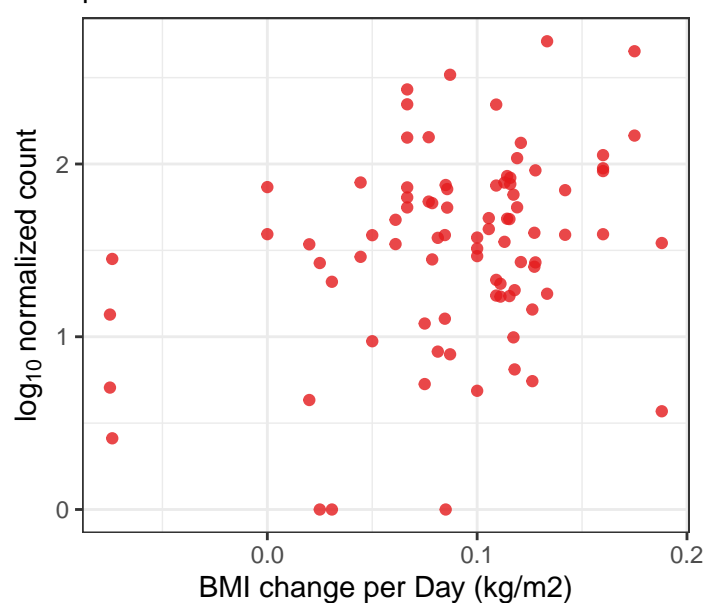
Rhodothermaceae

$p = 0.0327$



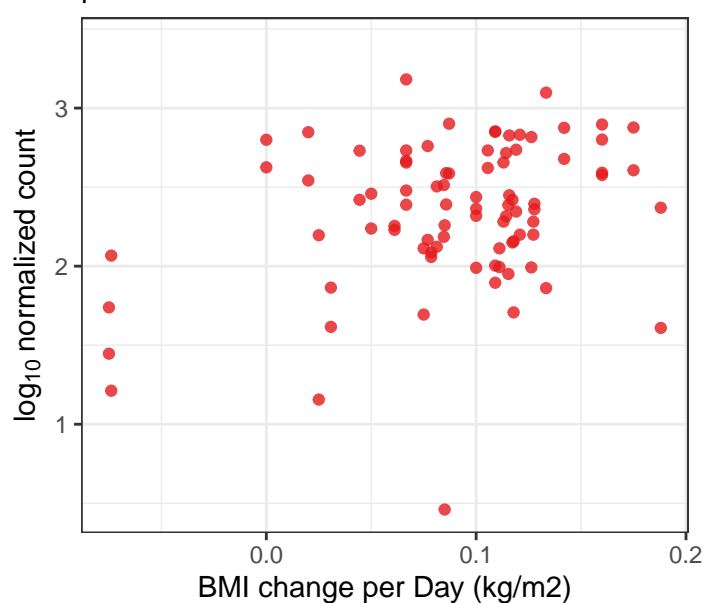
Unclassified Candidatus Bipolaricaulota

$p = 0.0327$



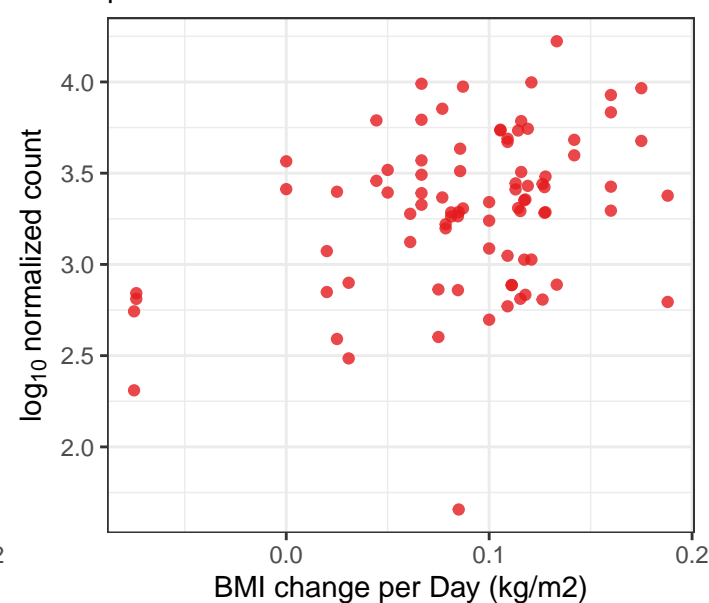
Ruaniaceae

$p = 0.033$



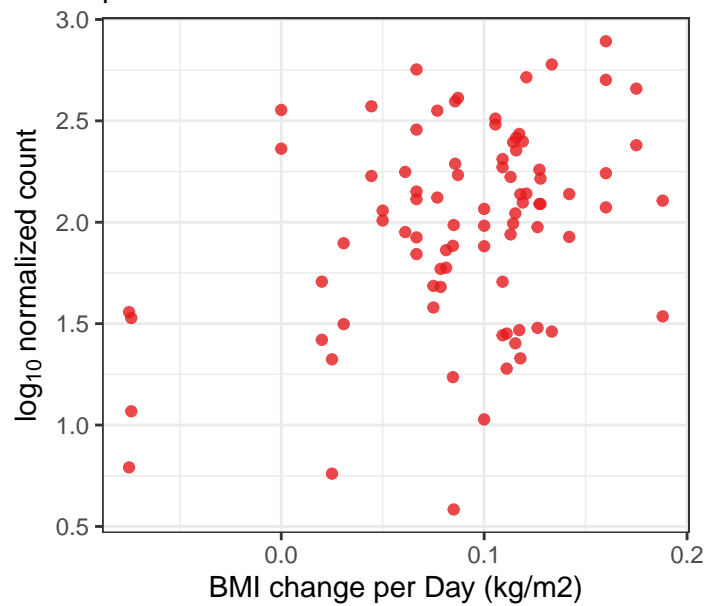
Methylobacteriaceae

$p = 0.0347$



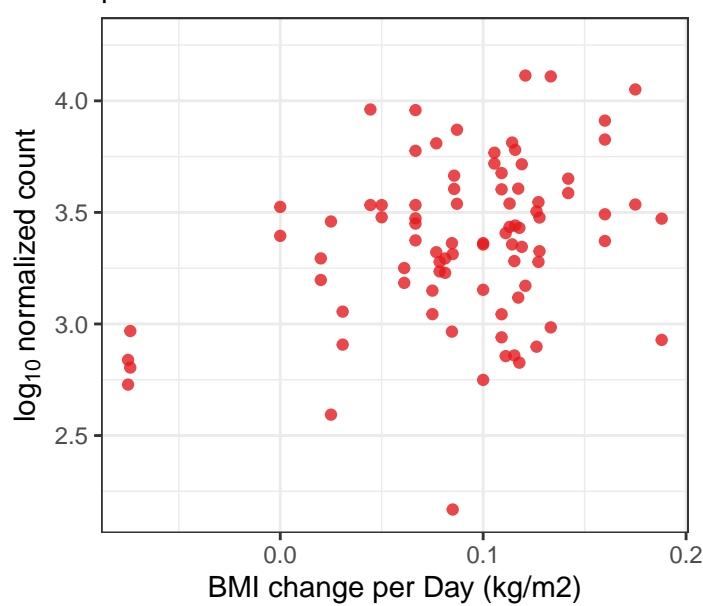
Lamiaceae

$p = 0.0354$



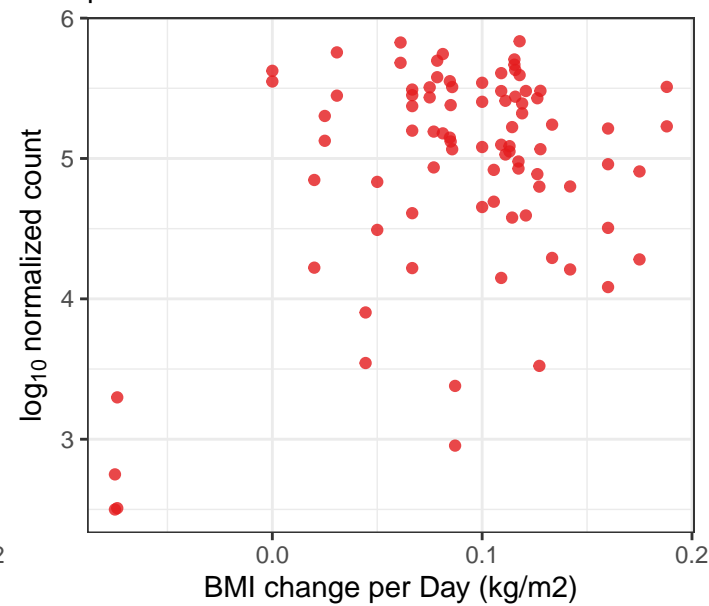
Caulobacteraceae

$p = 0.0355$



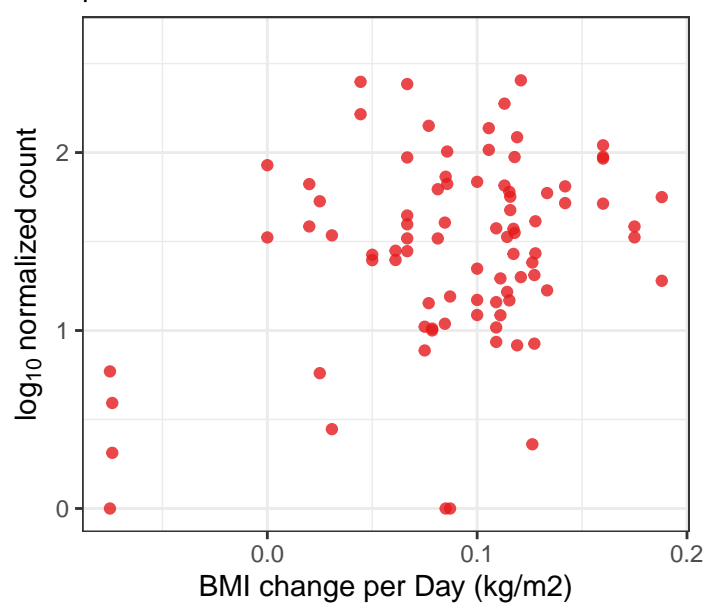
Unclassified Bacteroidales Order

$p = 0.0355$



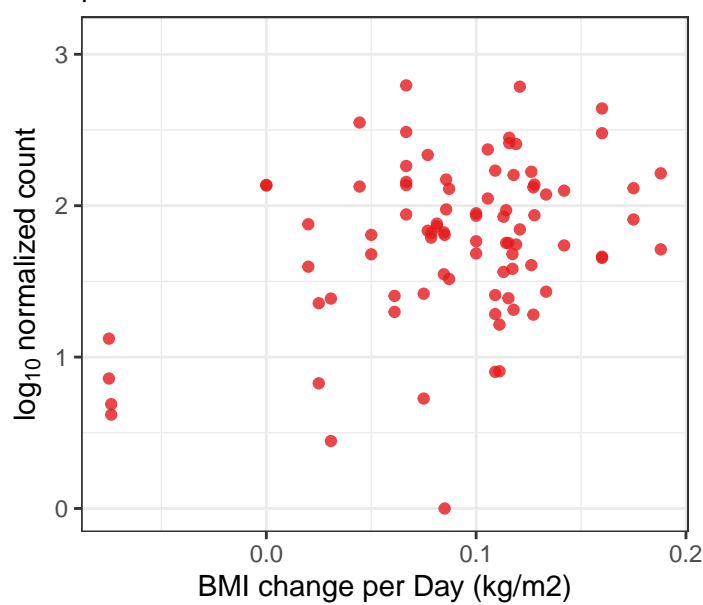
Unclassified Planctomycetia Class

$p = 0.0355$



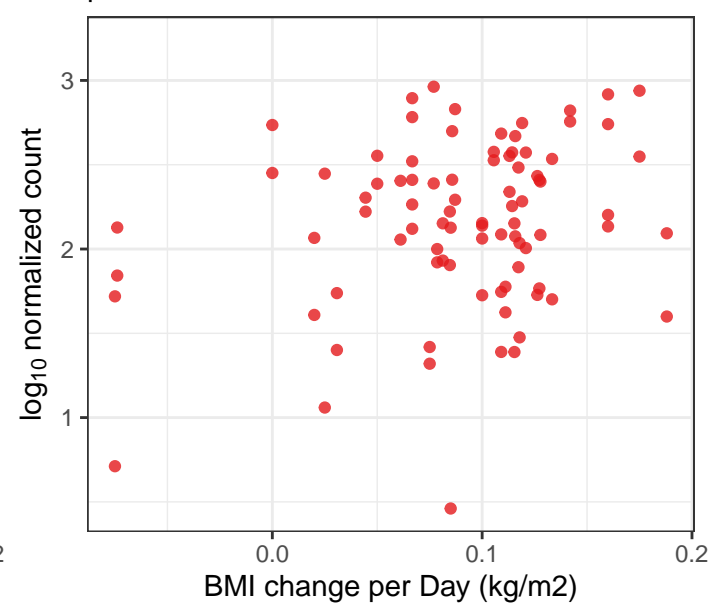
Salinisphaeraceae

$p = 0.0362$



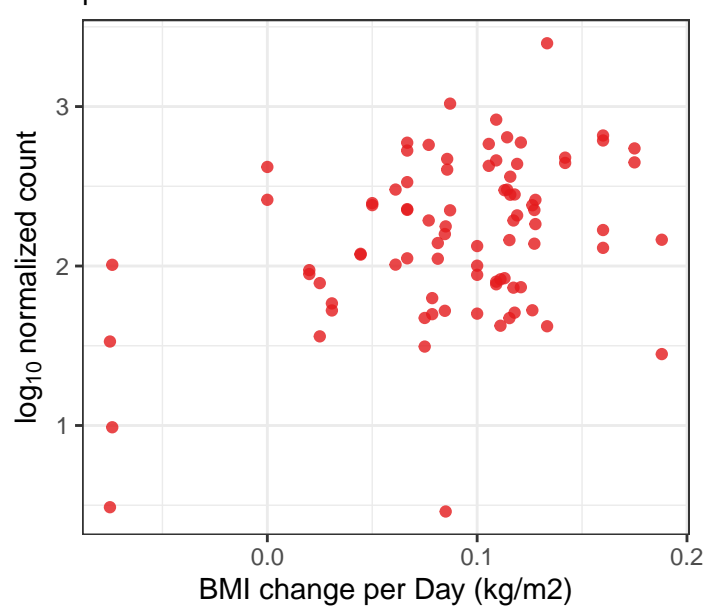
Sanguibacteraceae

$p = 0.0362$



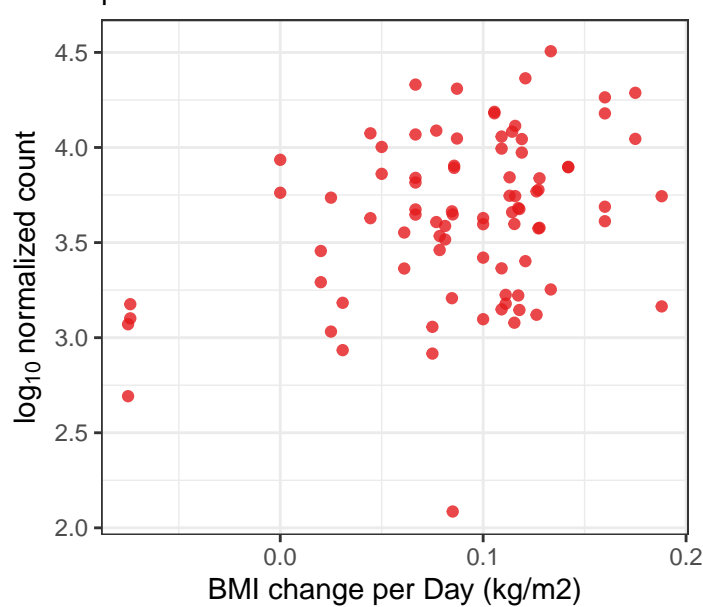
Conexibacteraceae

$p = 0.0368$



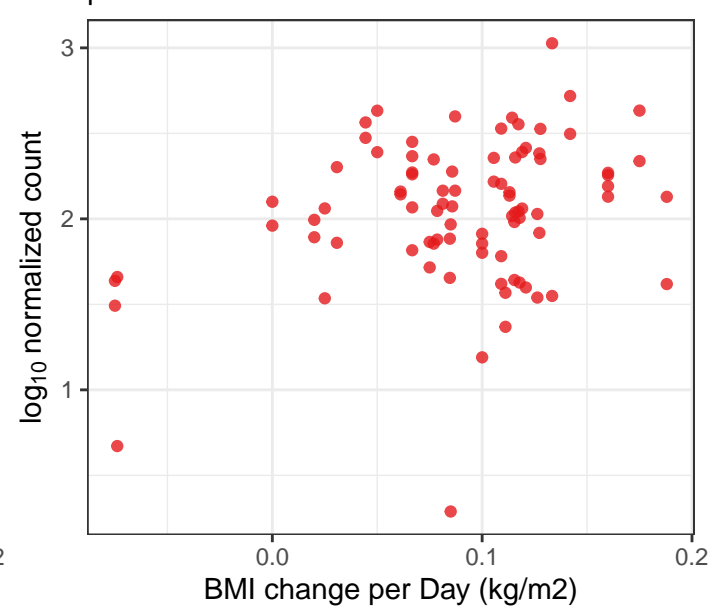
Pseudonocardiaceae

$p = 0.0377$

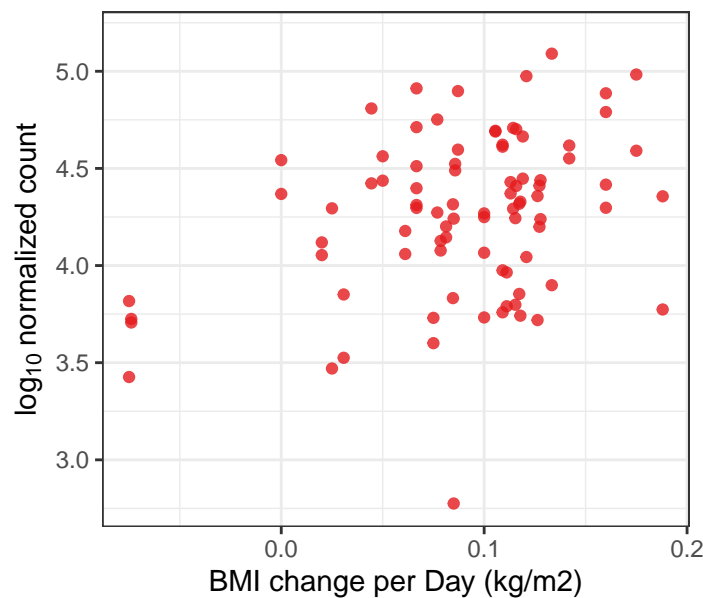


Unclassified Armatimonadetes Phylum

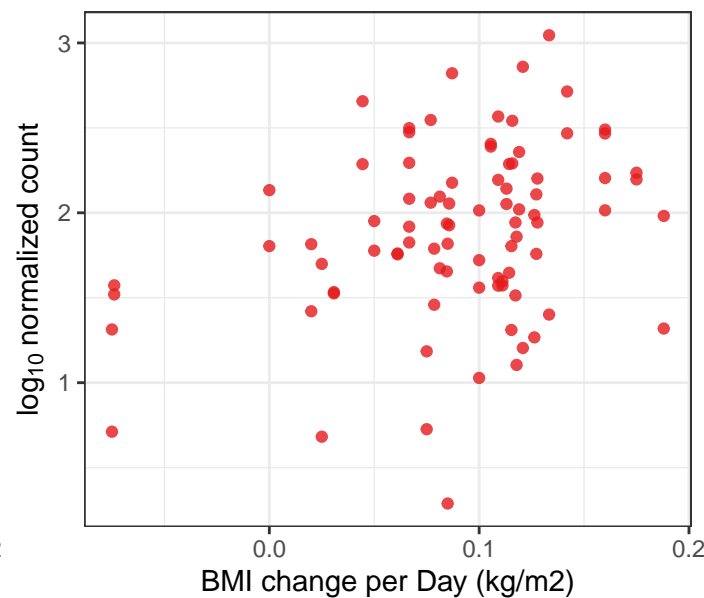
$p = 0.0377$



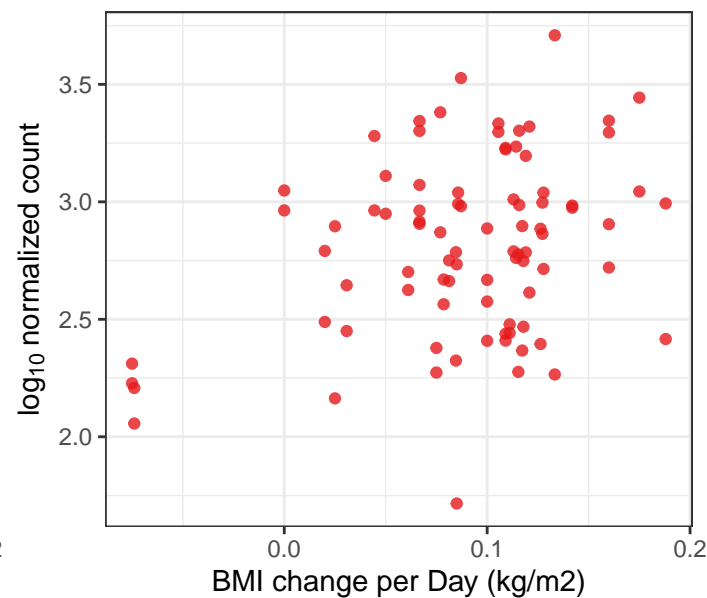
Streptomycetaceae

 $p = 0.0377$ 

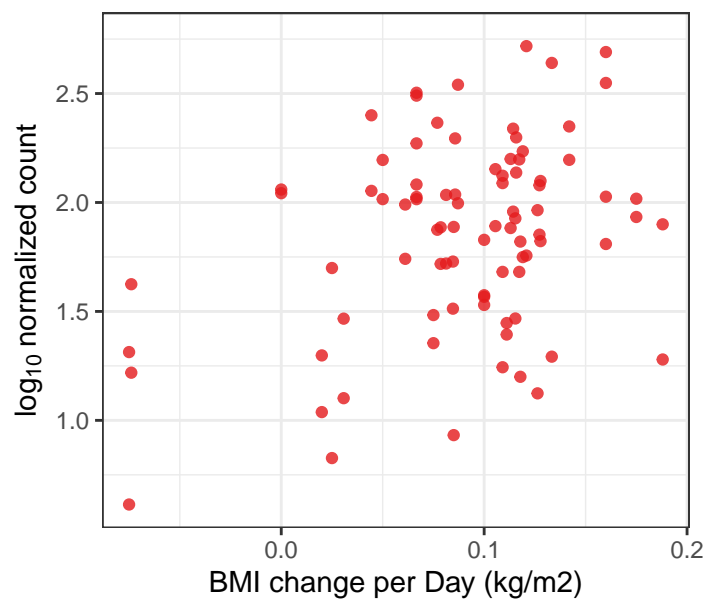
Actinopolysporaceae

 $p = 0.0381$ 

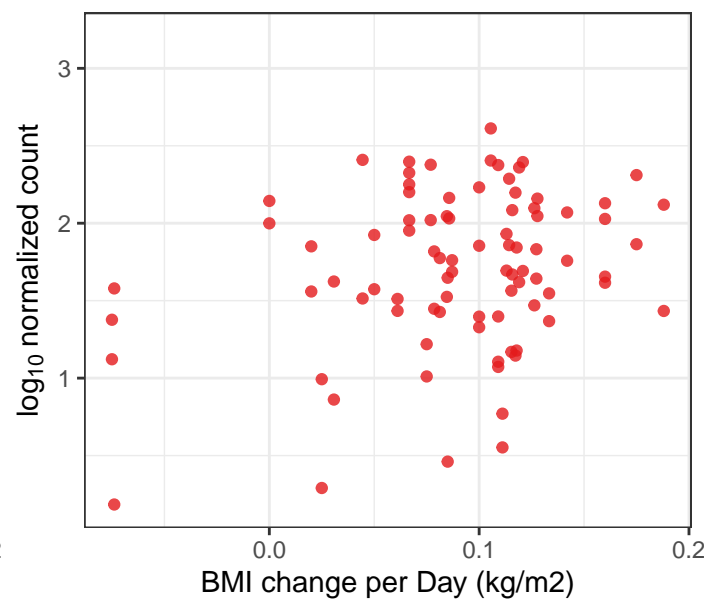
Natrialbaceae

 $p = 0.0391$ 

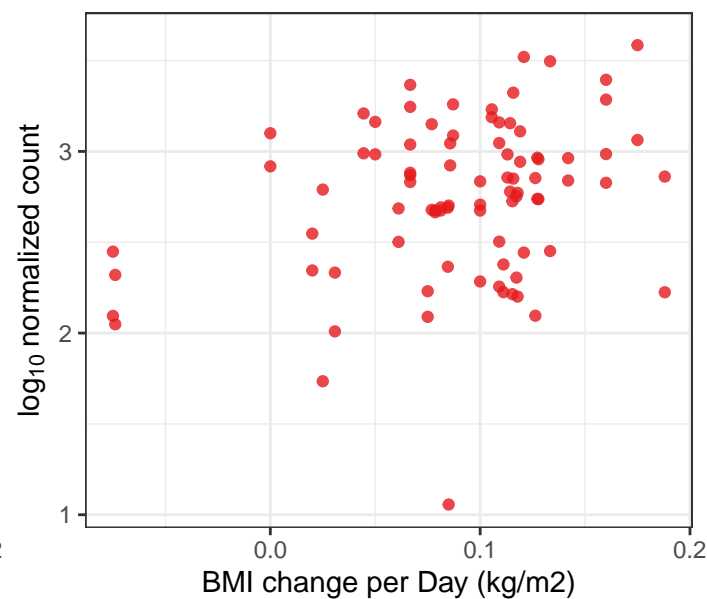
Unclassified Xanthomonadales Order

 $p = 0.0391$ 

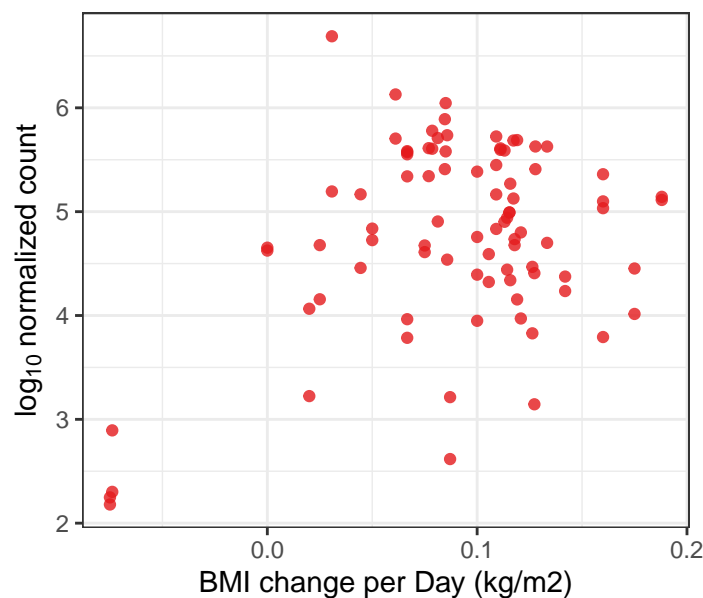
Segniliparaceae

 $p = 0.0391$ 

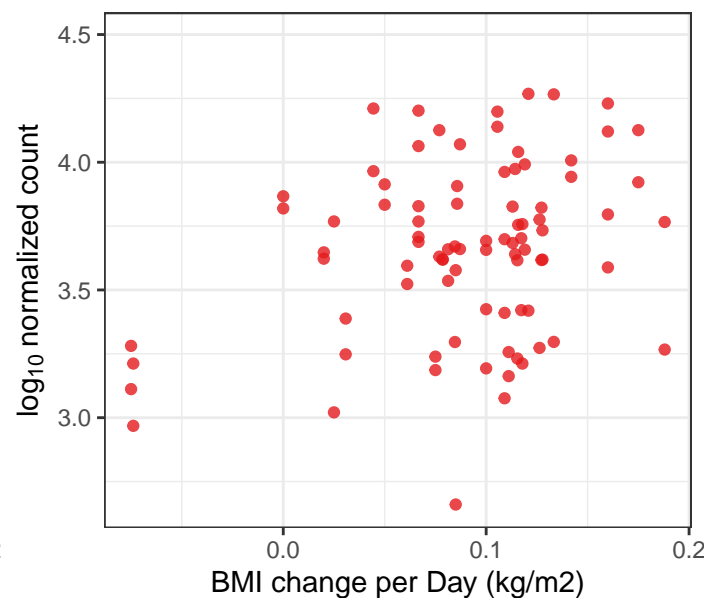
Nocardiopsaceae

 $p = 0.04$ 

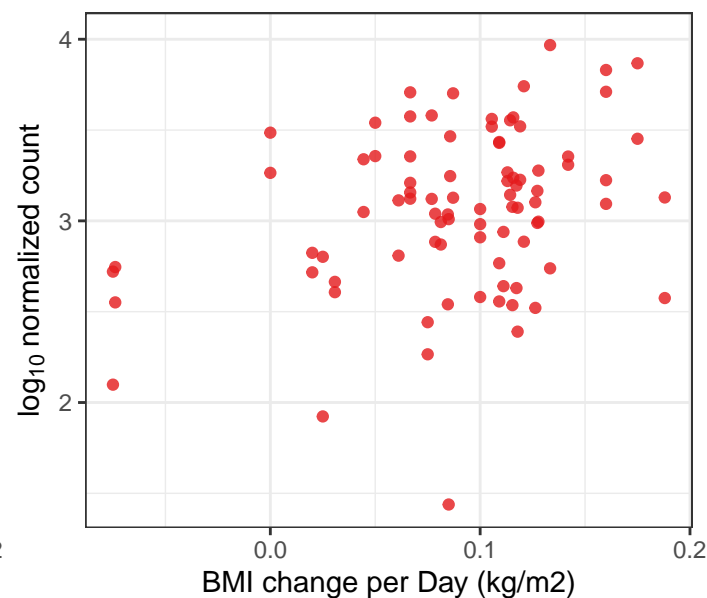
Tannerellaceae

 $p = 0.0405$ 

Alcaligenaceae

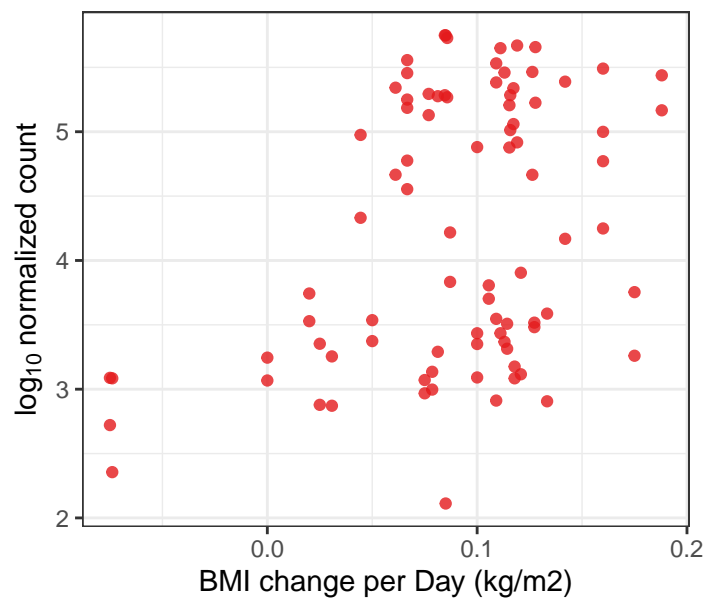
 $p = 0.0407$ 

Intrasporangiaceae

 $p = 0.0414$ 

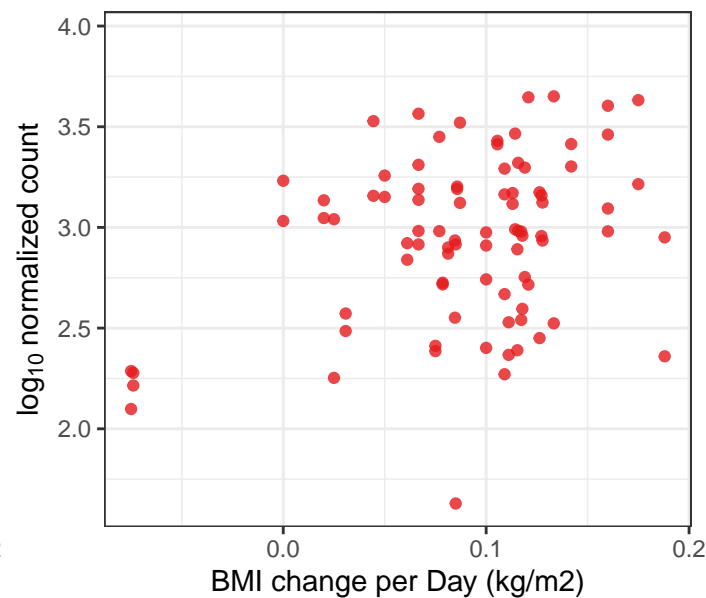
Acidaminococcaceae

p = 0.0417



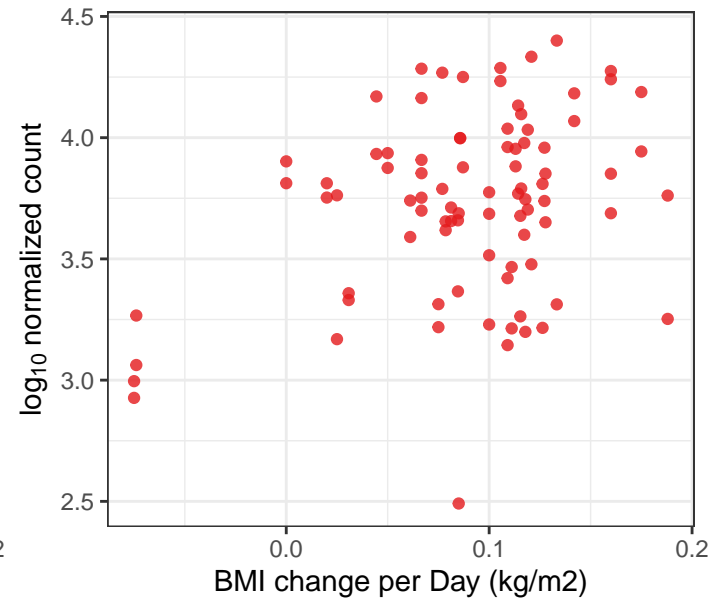
Archangiaceae

p = 0.0417



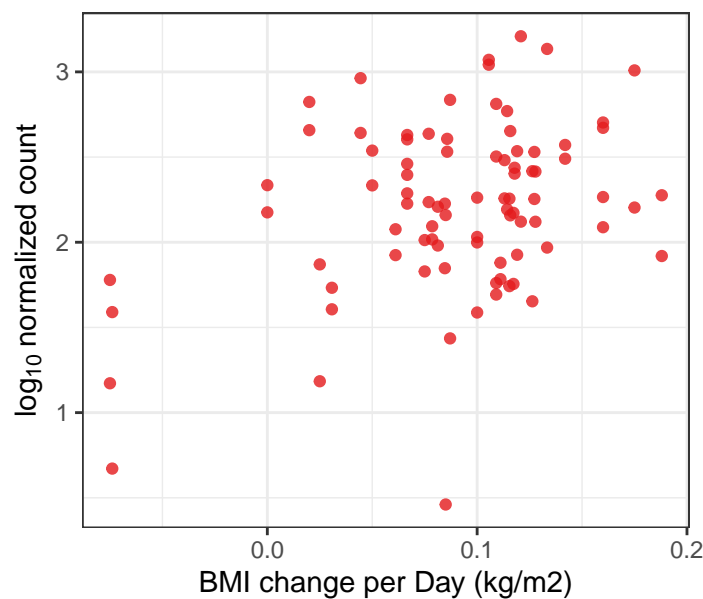
Sphingomonadaceae

p = 0.0417



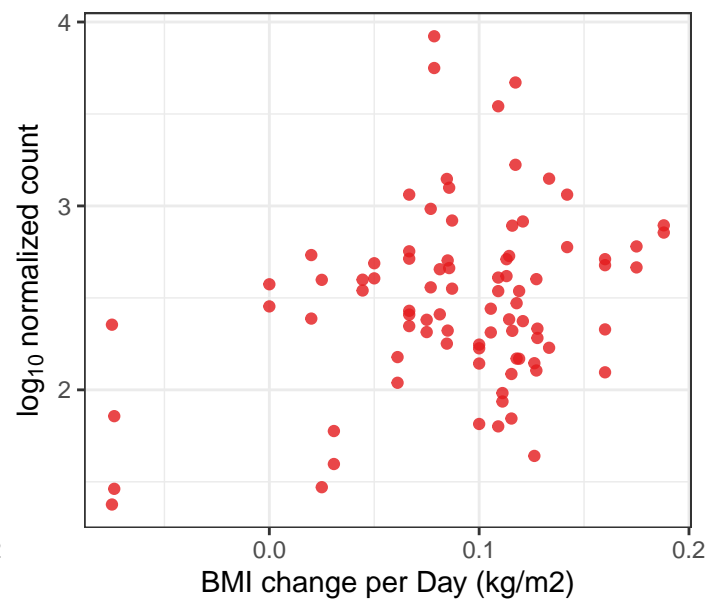
Unclassified Dehalococcoidia Class

p = 0.0417



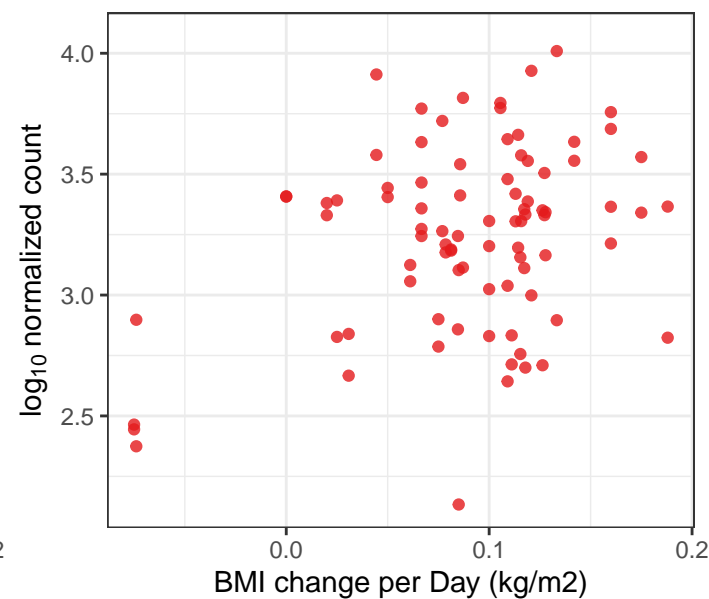
Sutterellaceae

p = 0.042



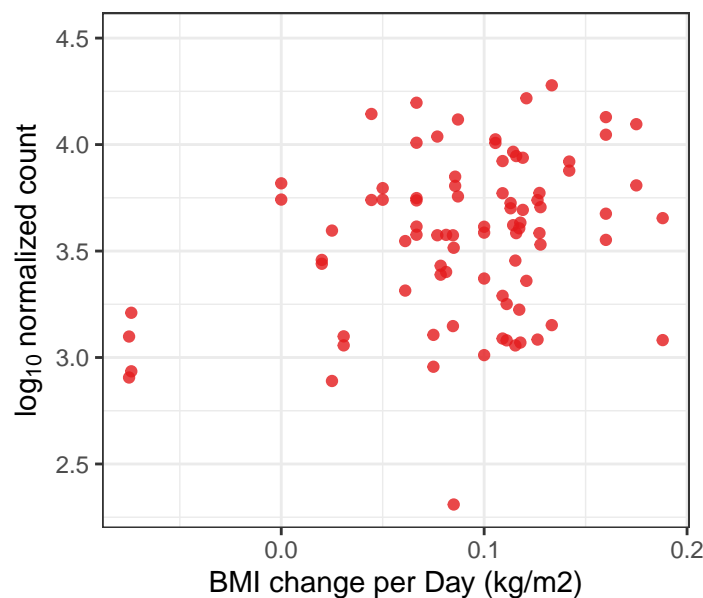
Chromobacteriaceae

p = 0.0428



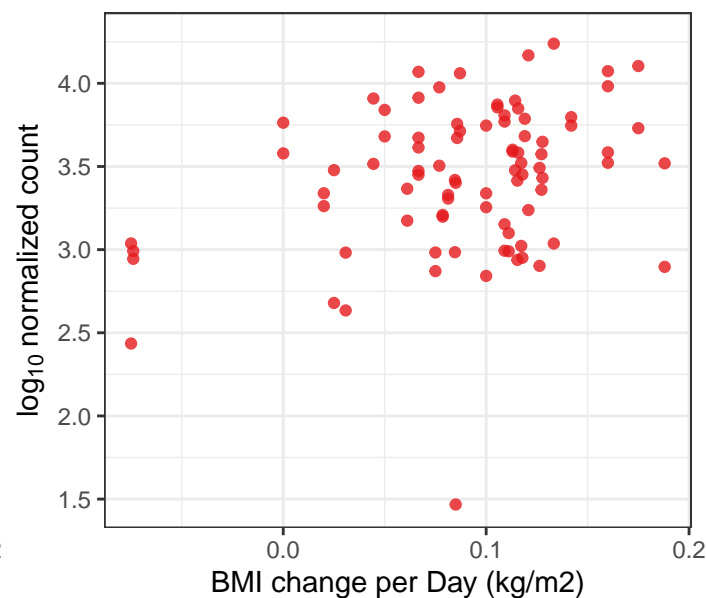
Nocardiaceae

p = 0.0428



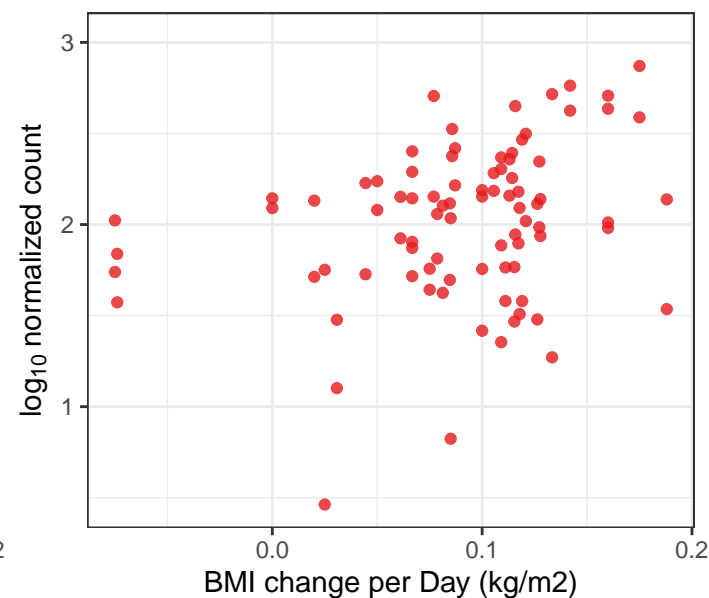
Nocardioidaceae

p = 0.0428



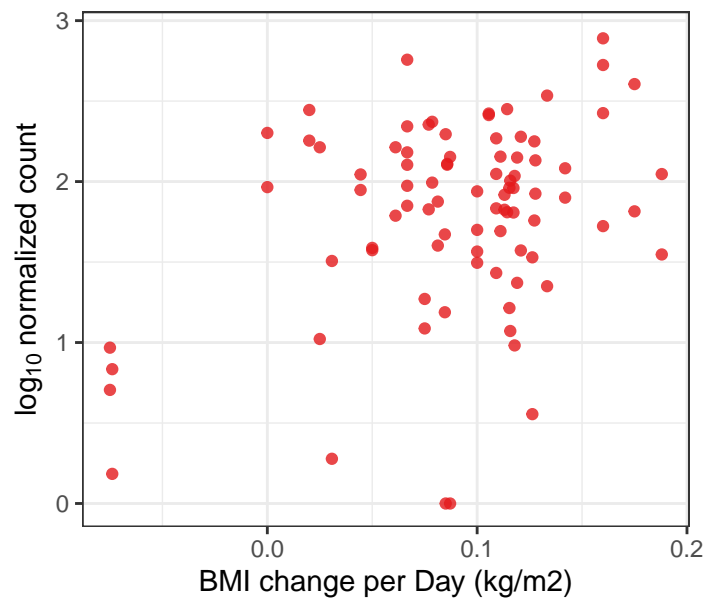
Thioalkalibacteraceae

p = 0.0428



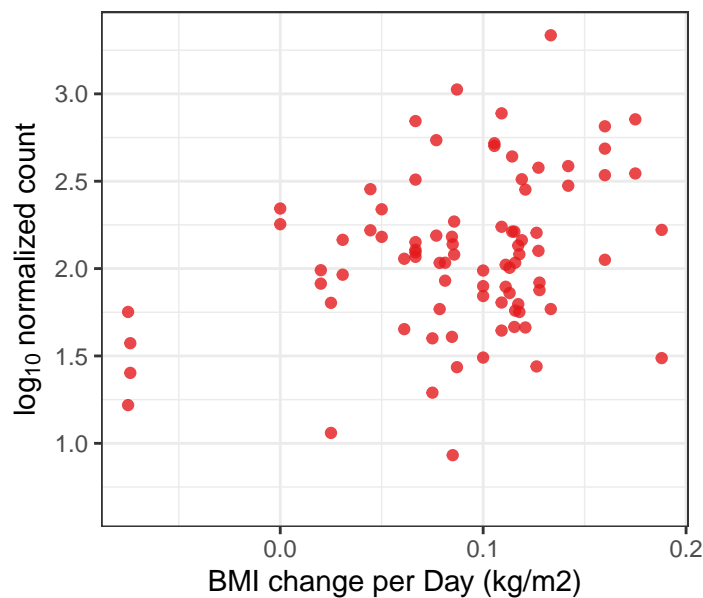
Unclassified Desulfovibrionales Order

p = 0.0428



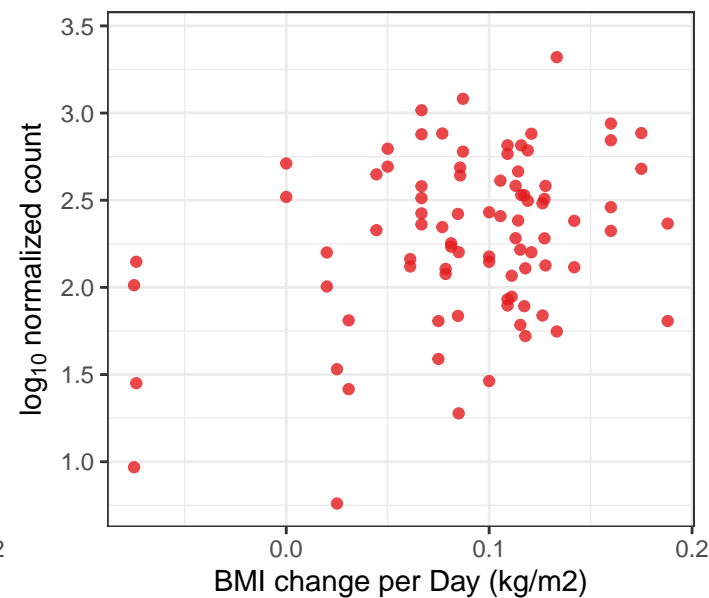
Unclassified Planctomycetales Order

p = 0.0428



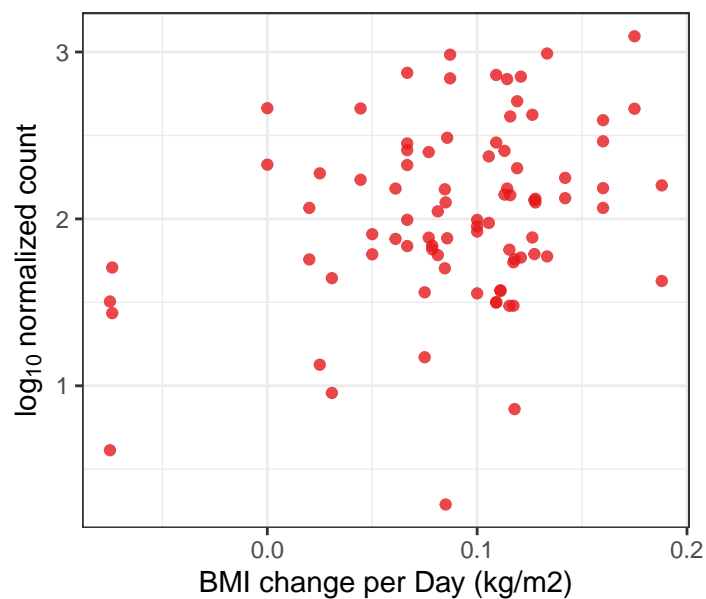
Dermacoccaceae

p = 0.0434



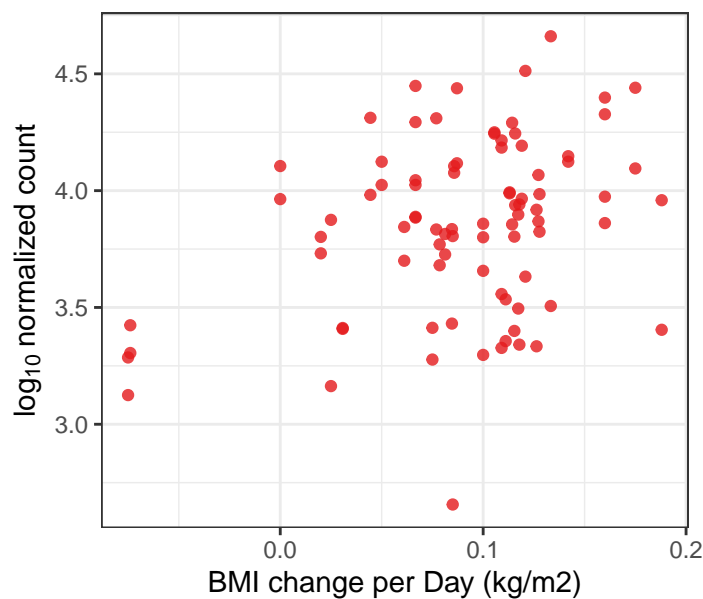
Kineosporiaceae

p = 0.0434



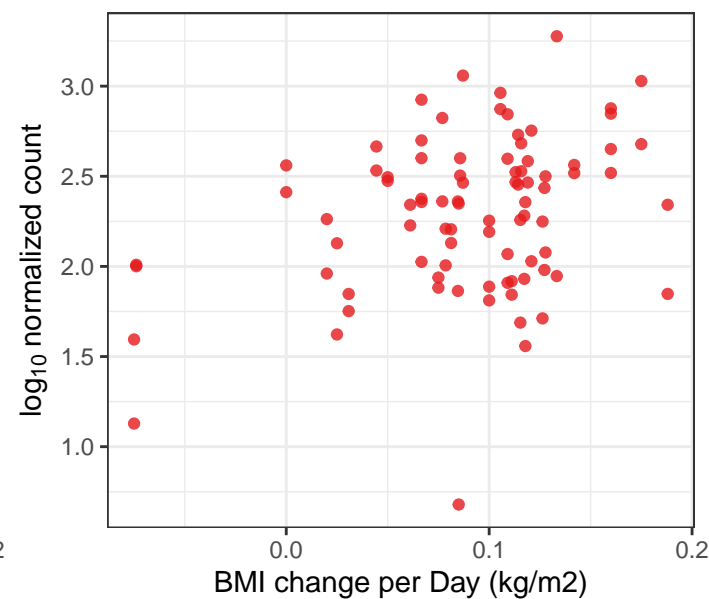
Mycobacteriaceae

p = 0.0434



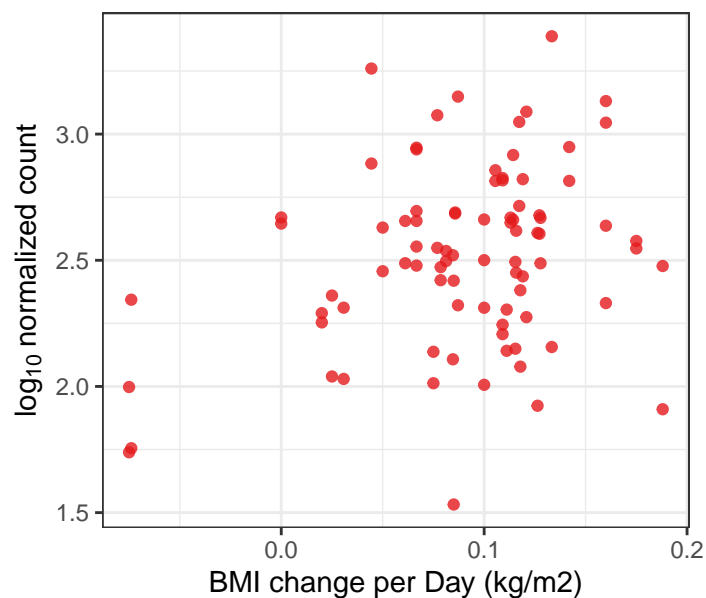
Unclassified Bradymonadales Order

p = 0.0447



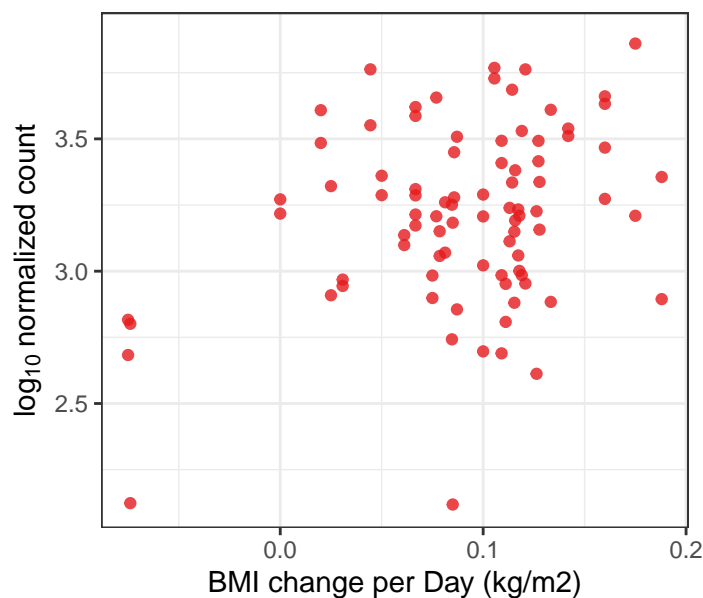
Hyphomonadaceae

p = 0.0497



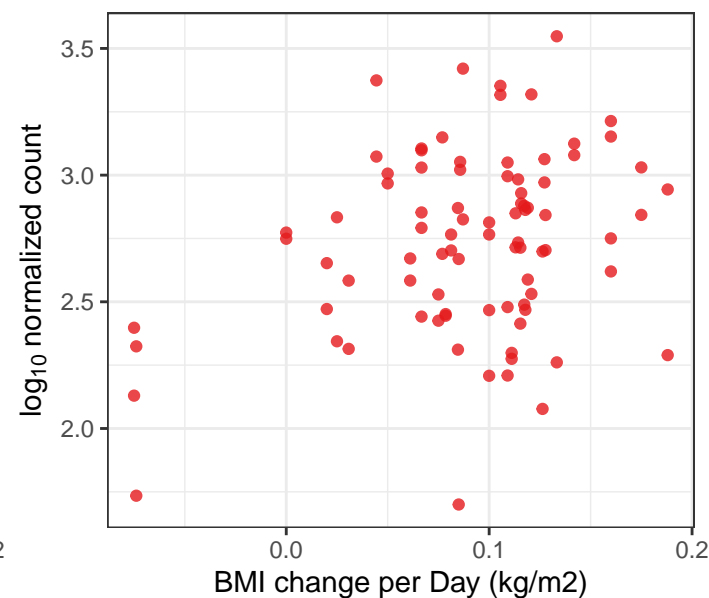
Desulfobacteraceae

p = 0.0498



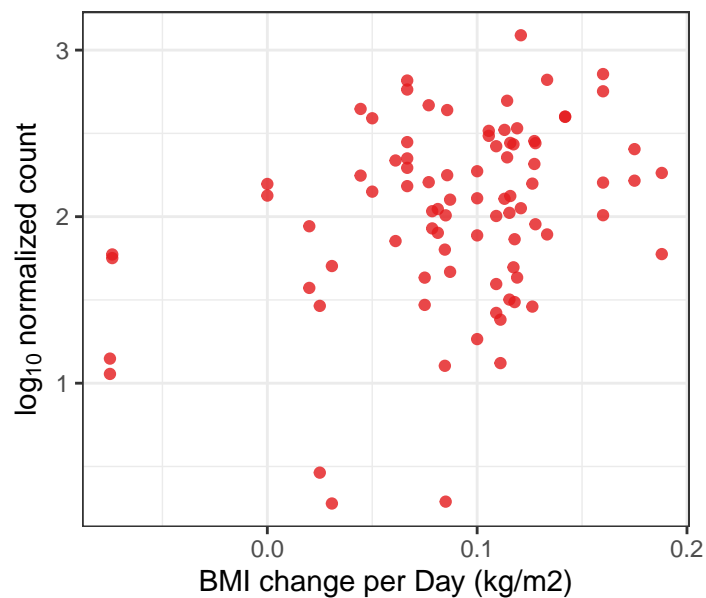
Anaerolineaceae

p = 0.0499



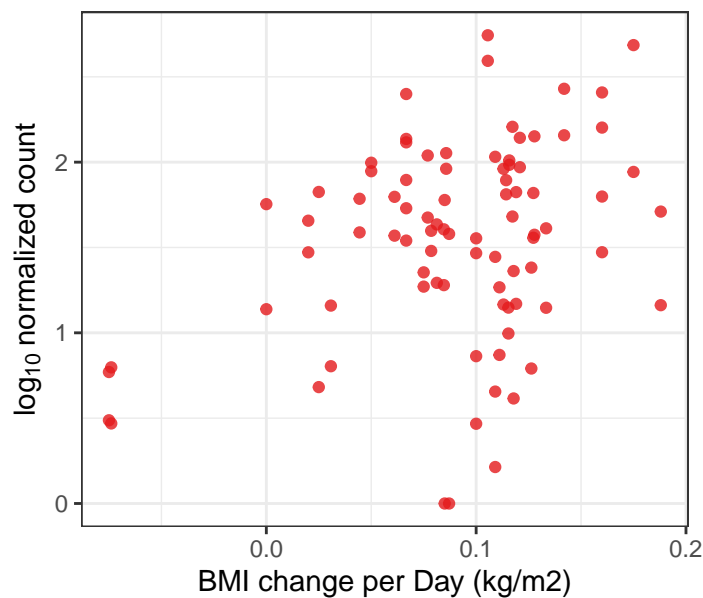
Phycisphaeraceae

p = 0.0499



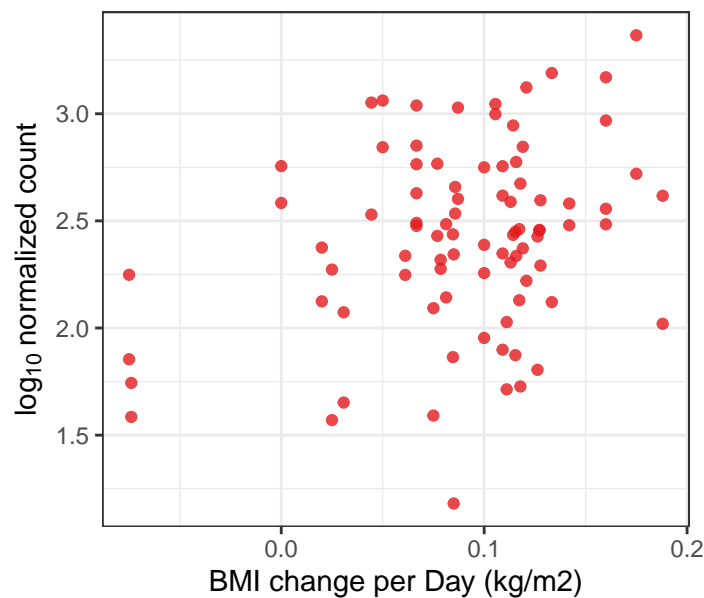
Unclassified Rhodospirillales Order

p = 0.0507



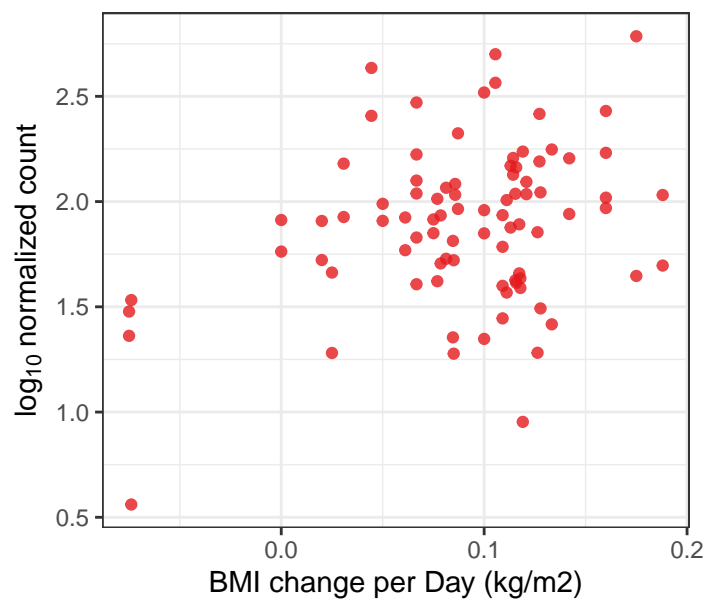
Limnochordaceae

p = 0.0518



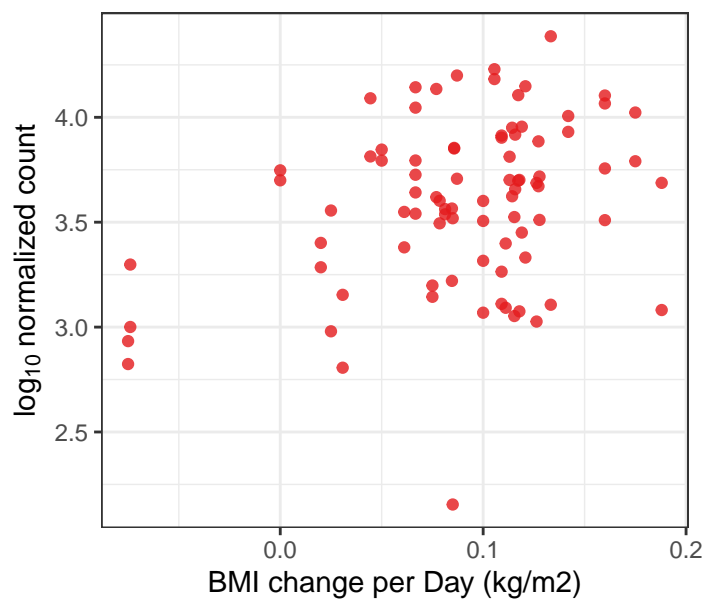
Merismopediaceae

p = 0.0518



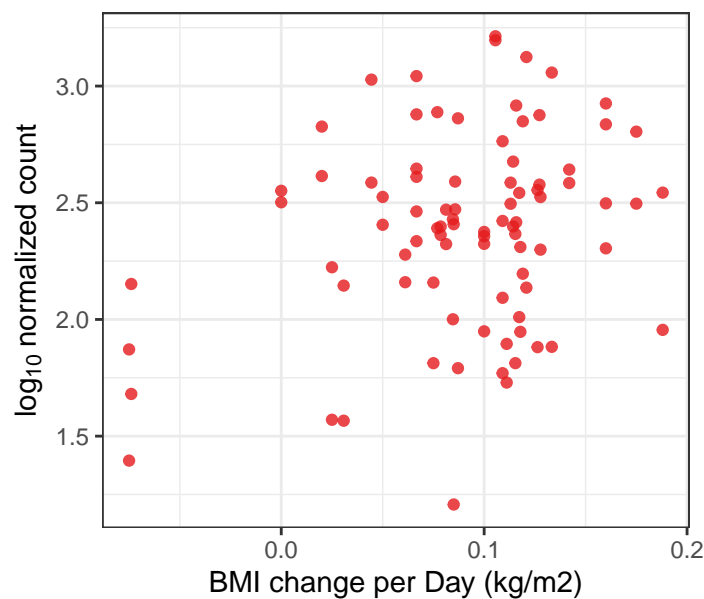
Unclassified Alphaproteobacteria Class

p = 0.0518



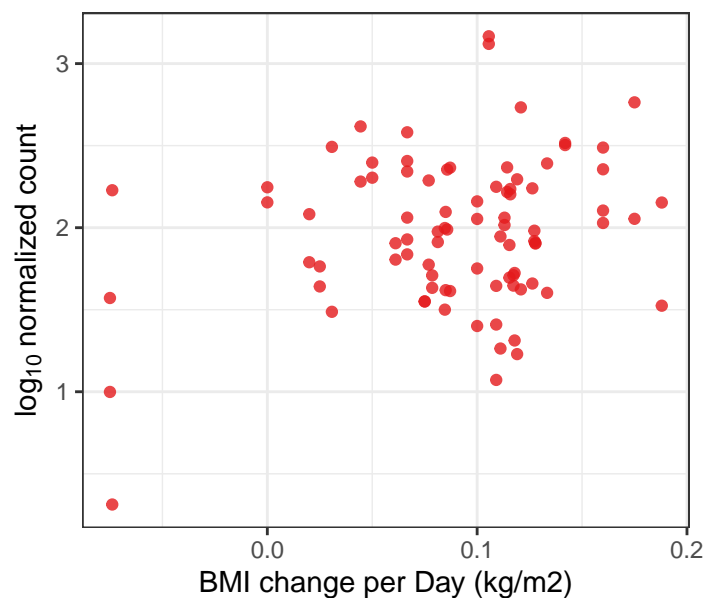
Gloeobacteraceae

p = 0.0519



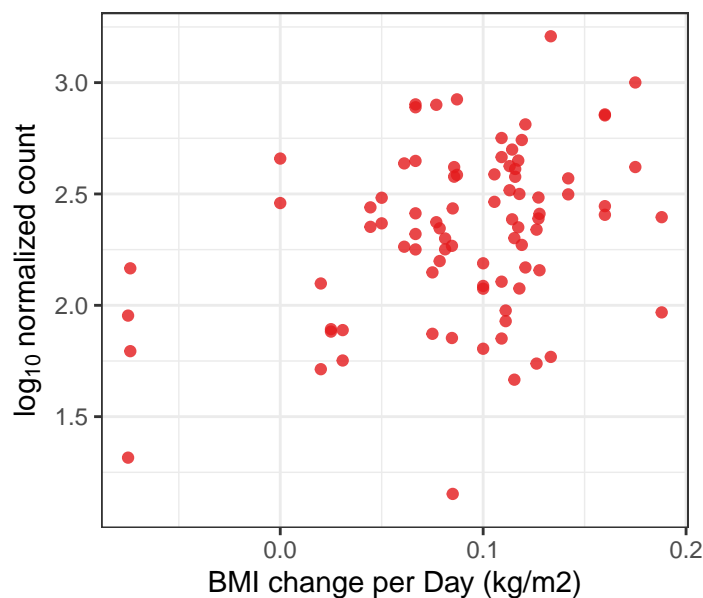
Ktedonosporobacteraceae

p = 0.0519



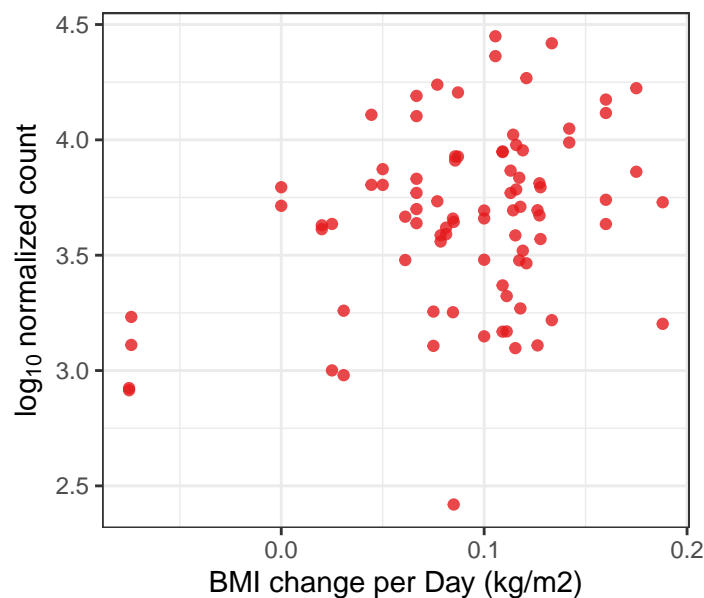
Acidiferrobacteraceae

p = 0.0519



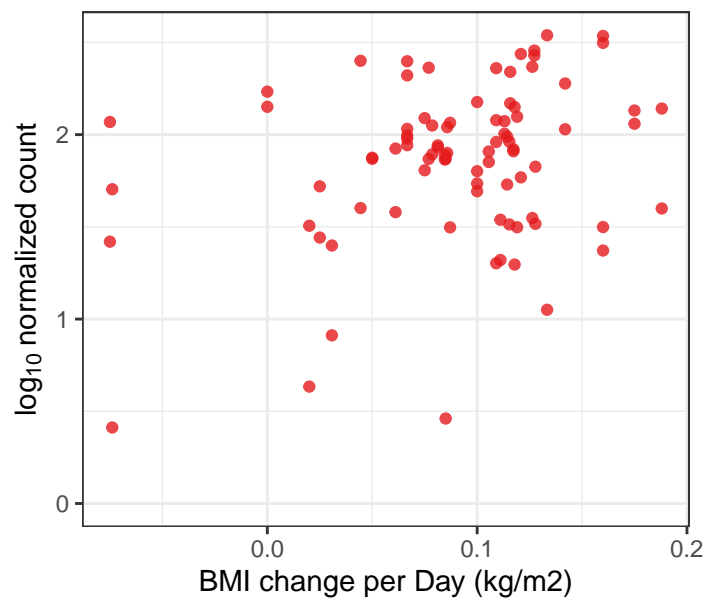
Bradyrhizobiaceae

p = 0.0519



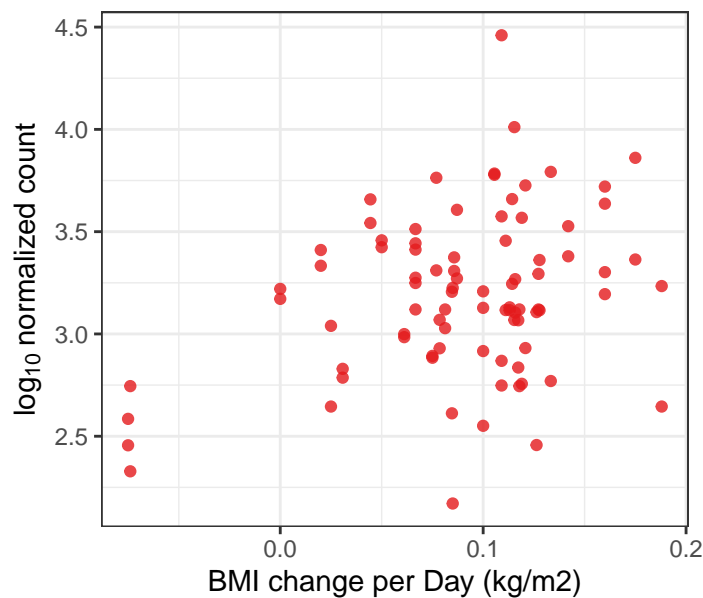
Casimicrobiaceae

p = 0.0519



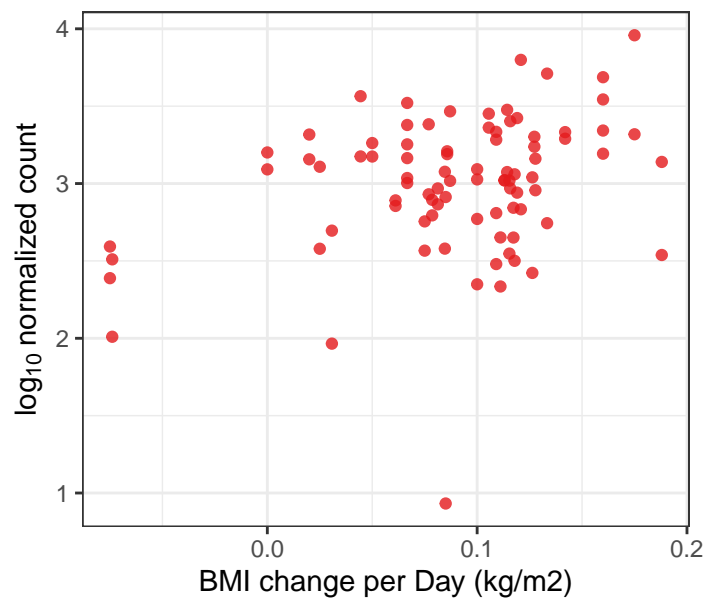
Synergistaceae

p = 0.0519



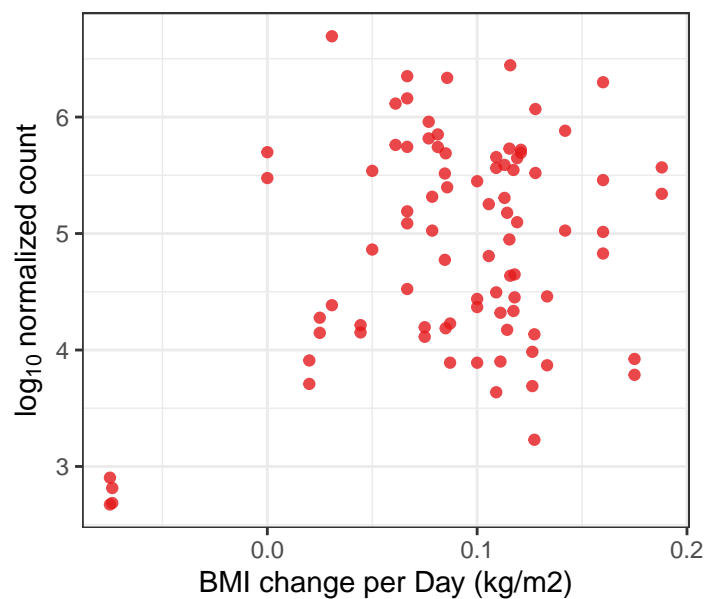
Thermaceae

p = 0.0519



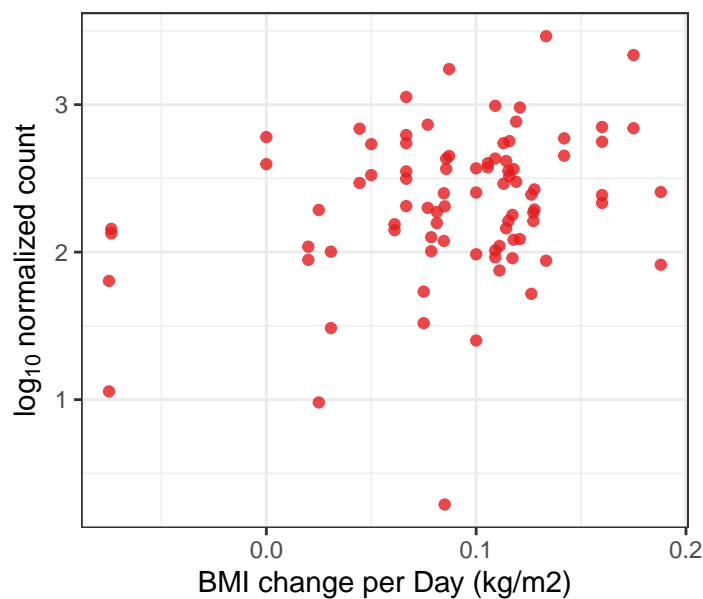
Rikenellaceae

p = 0.0544



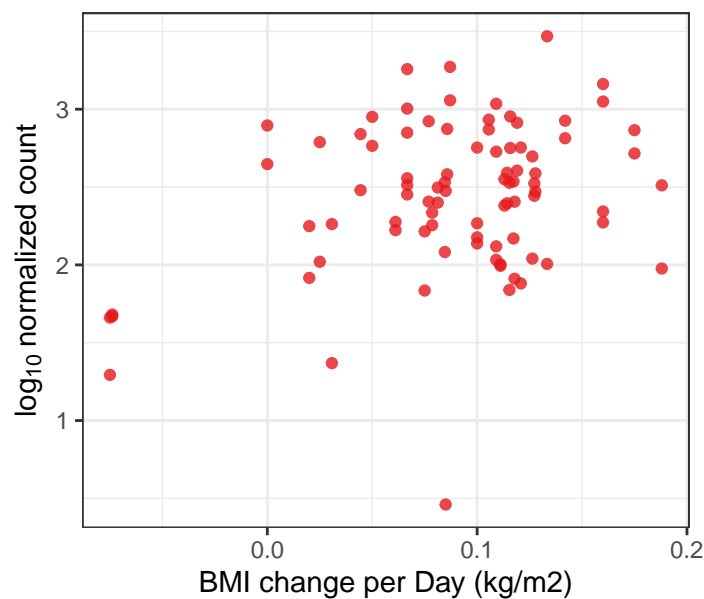
Tsukamurellaceae

p = 0.0544



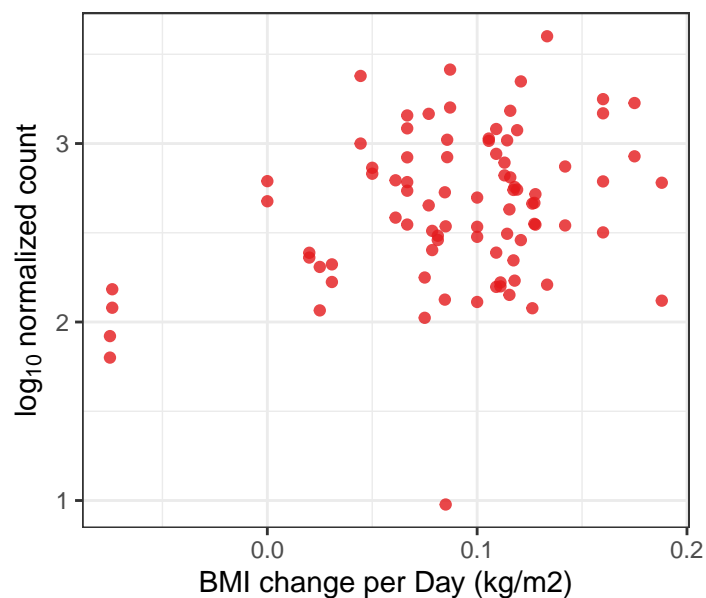
Halorubraceae

p = 0.055



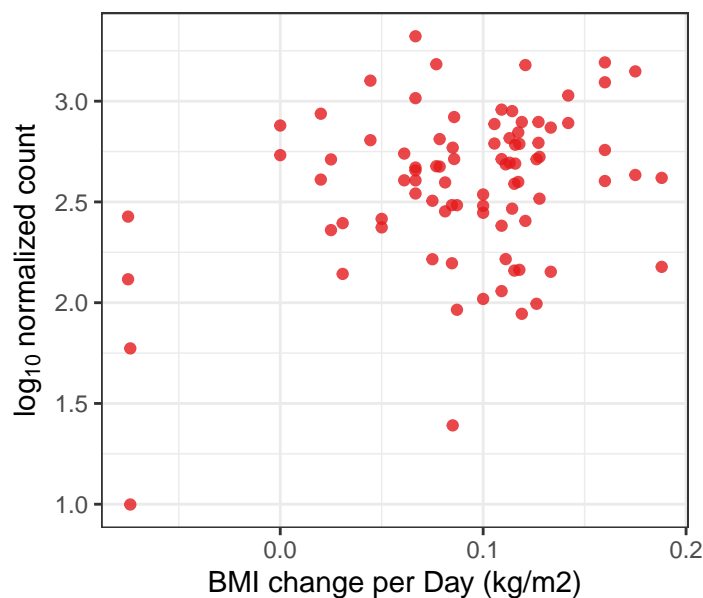
Gemmataceae

p = 0.0553



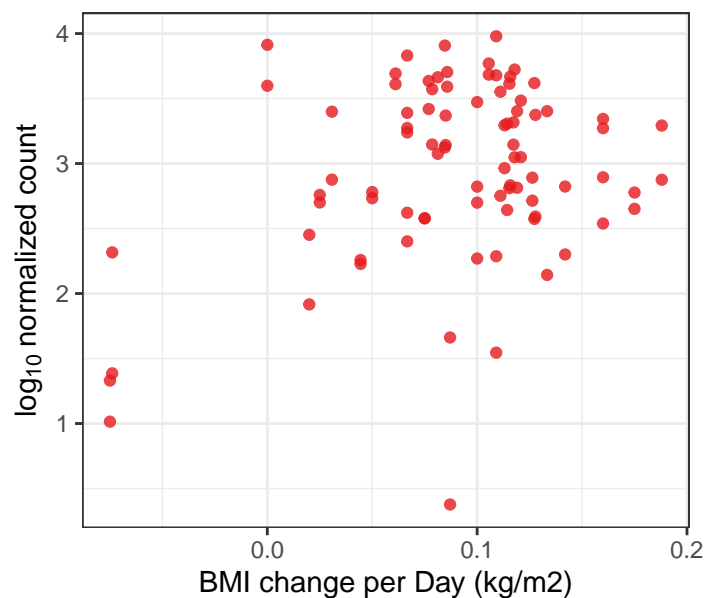
Desulfomicrobiaceae

p = 0.0569



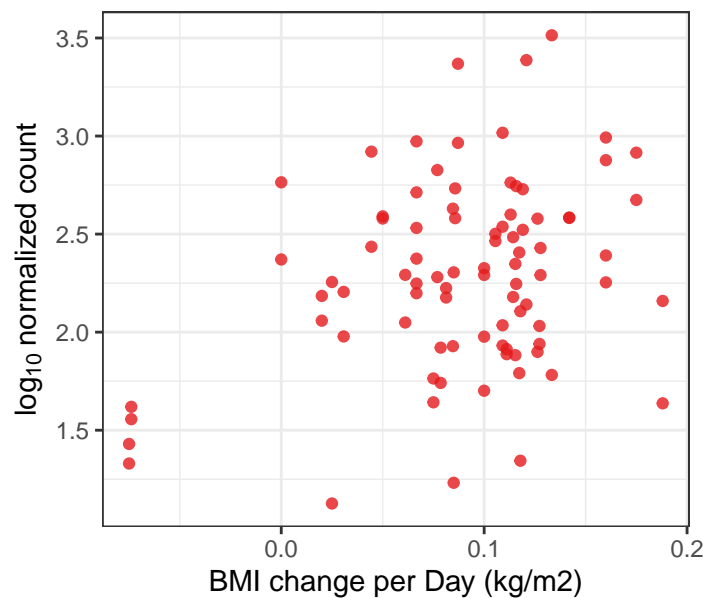
Barnesiellaceae

p = 0.0573



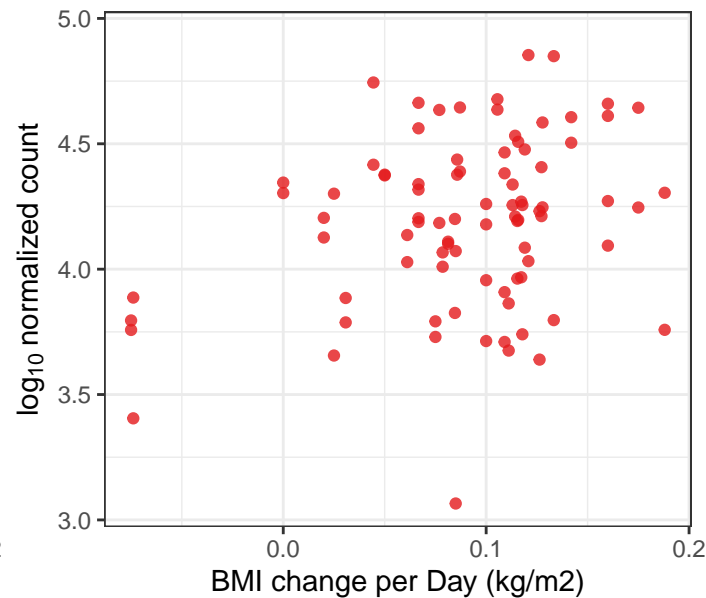
Beutenbergiaceae

$p = 0.0573$



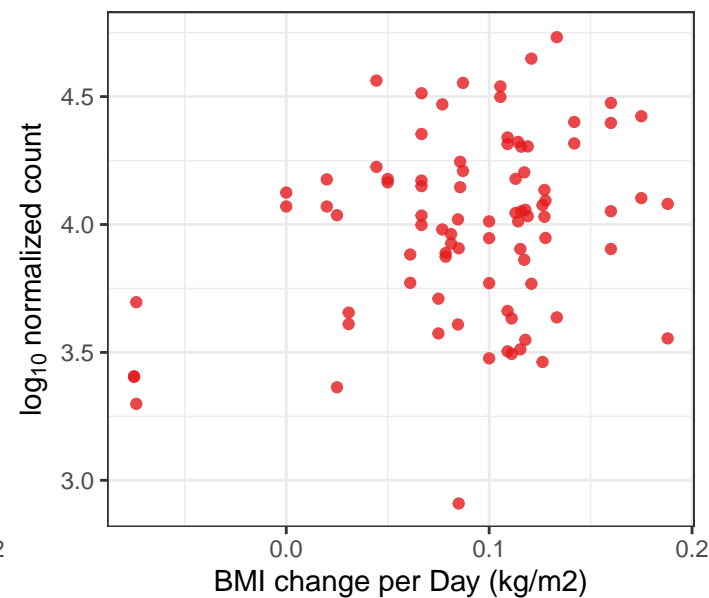
Pseudomonadaceae

$p = 0.0573$



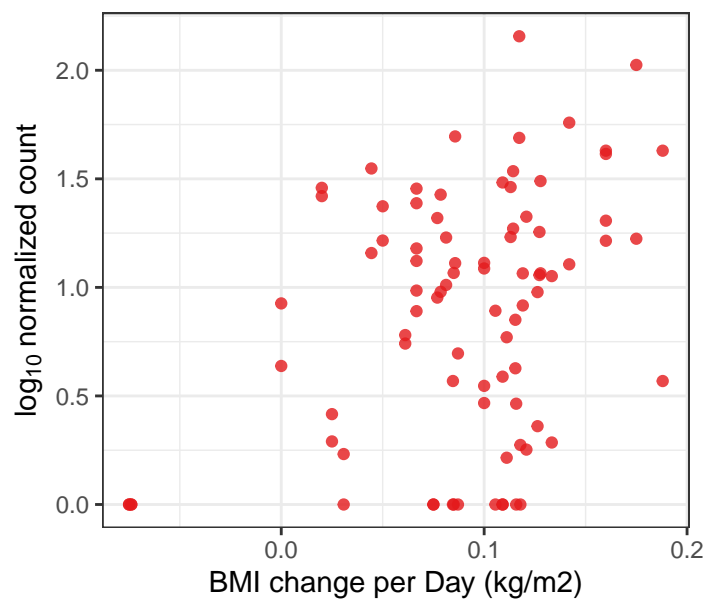
Rhodobacteraceae

$p = 0.0573$



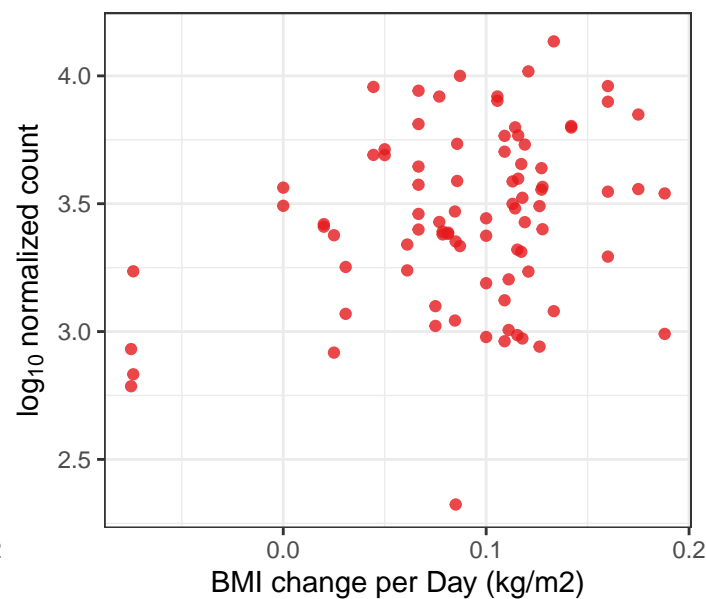
Unclassified Rhodobacterales Order

$p = 0.0573$



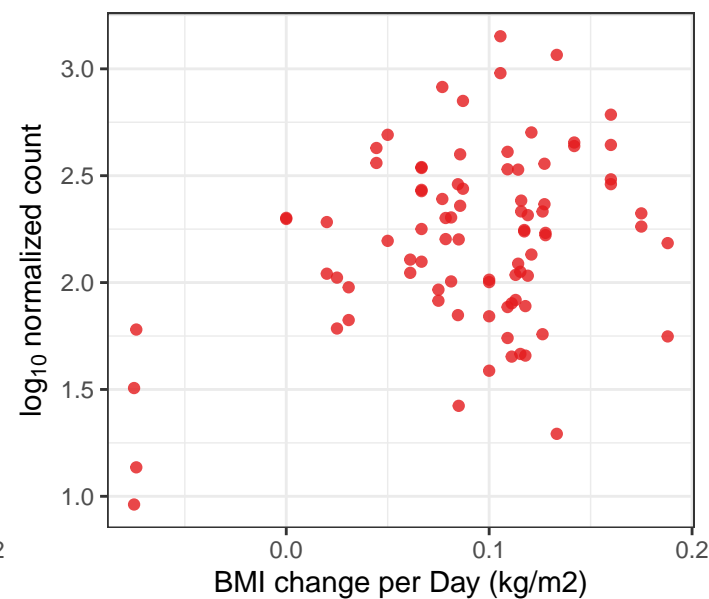
Phyllobacteriaceae

$p = 0.0575$



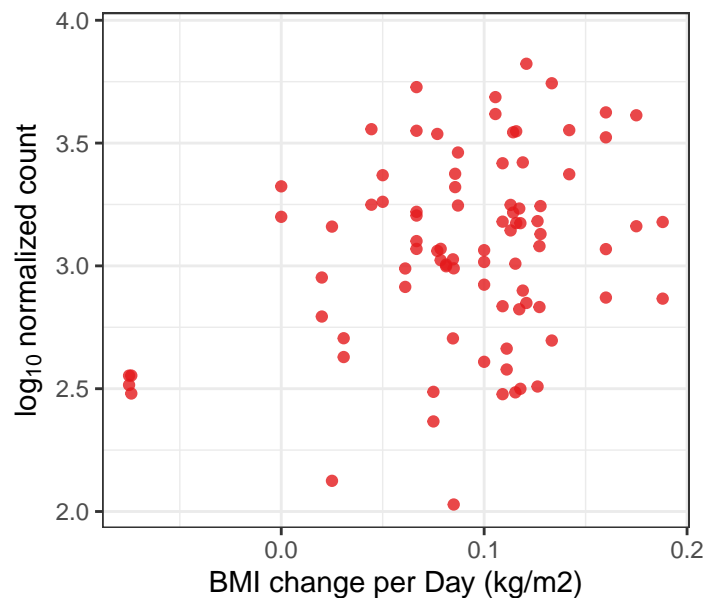
Cardiobacteriaceae

$p = 0.0581$



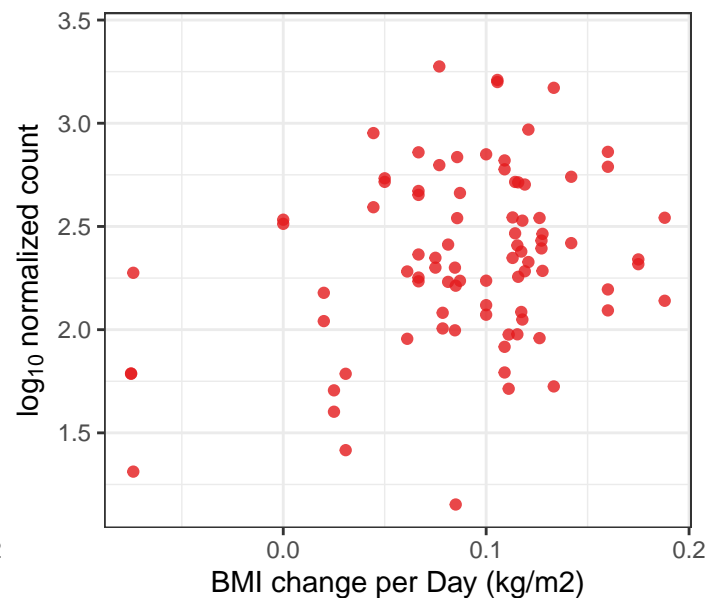
Zoogloeaceae

$p = 0.059$



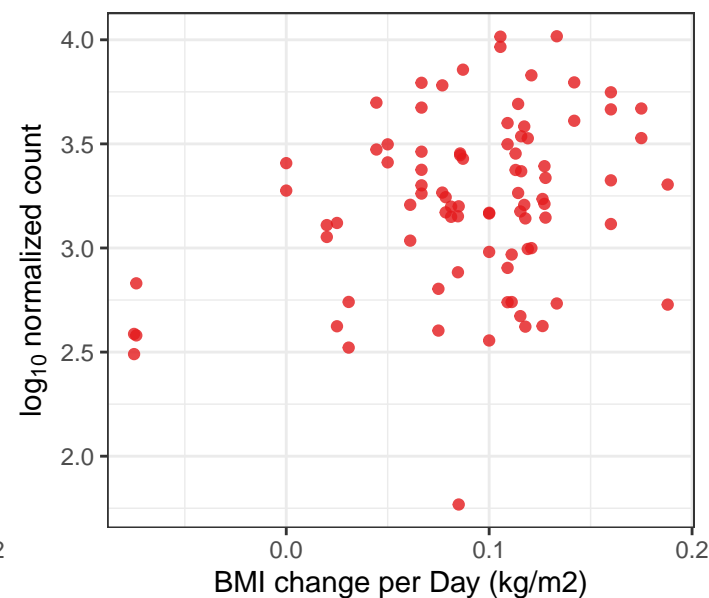
Glomerellaceae

$p = 0.0603$



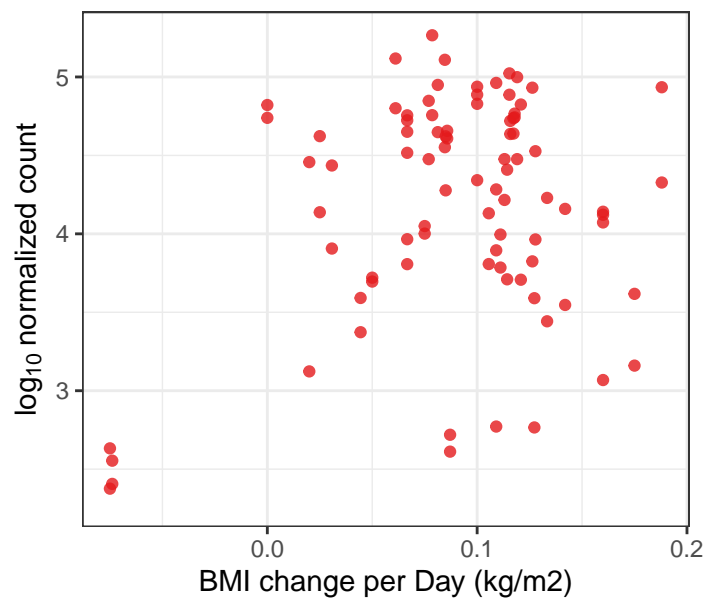
Unclassified Rhizobiales Order

$p = 0.0616$



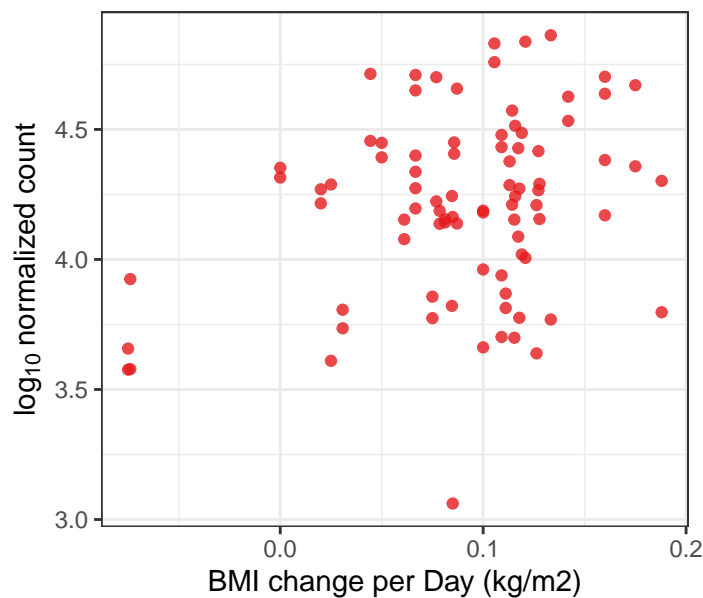
Odoribacteraceae

p = 0.0623



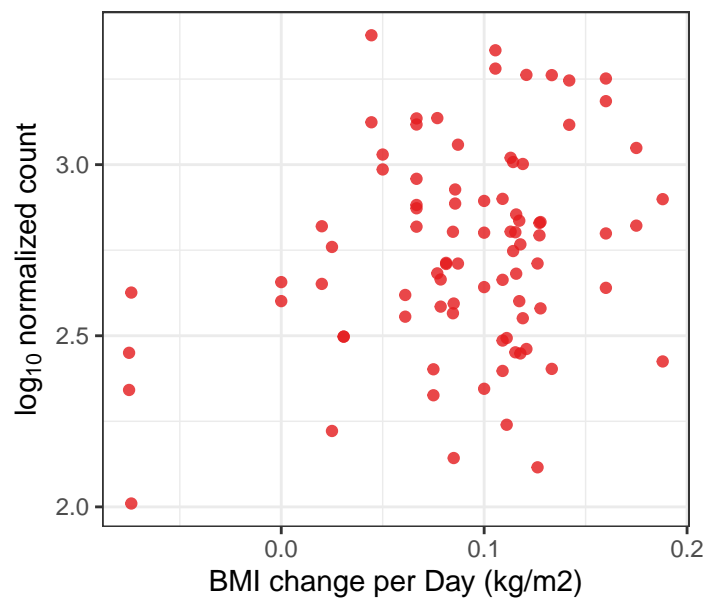
Unclassified Proteobacteria Phylum

p = 0.0623



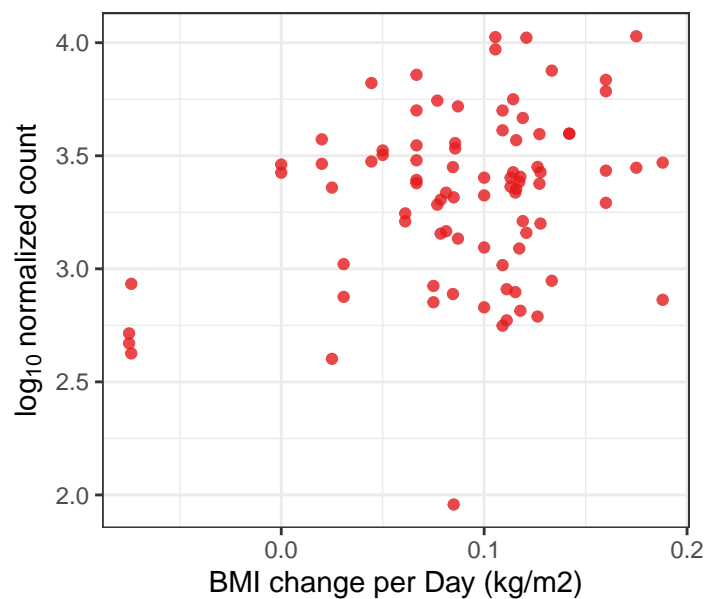
Microbulbiferaceae

p = 0.0641



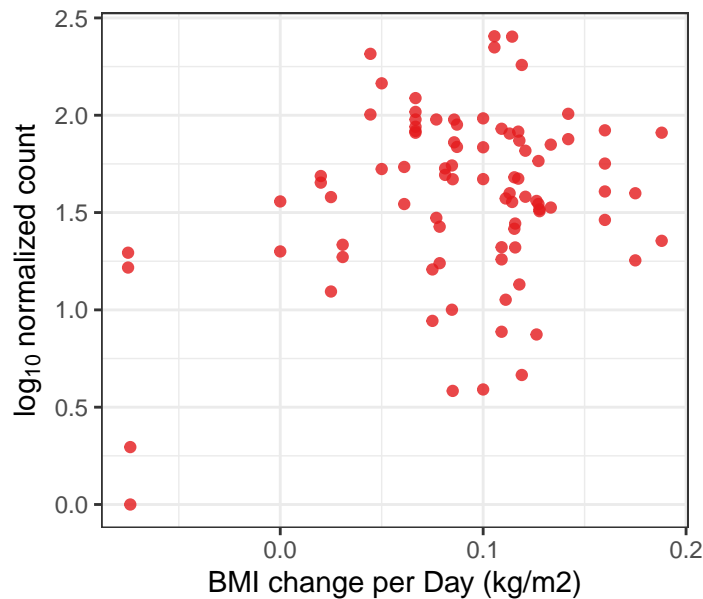
Geobacteraceae

p = 0.0648



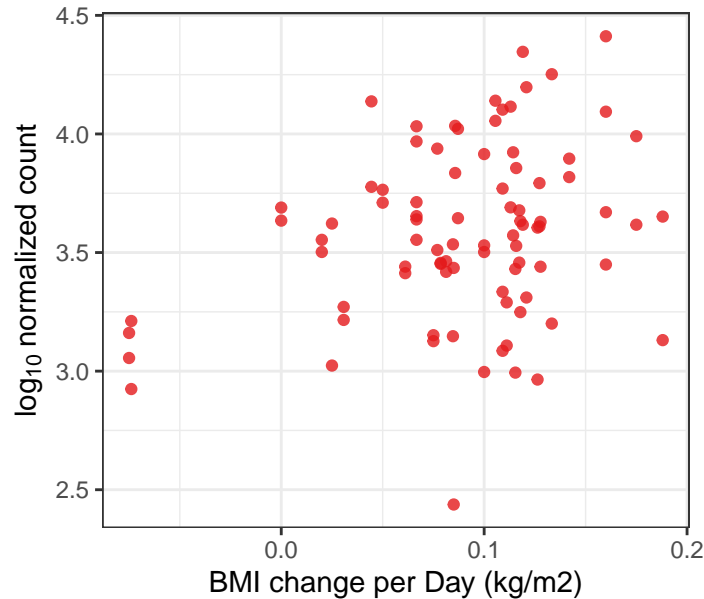
Gloeomargaritaceae

p = 0.0648



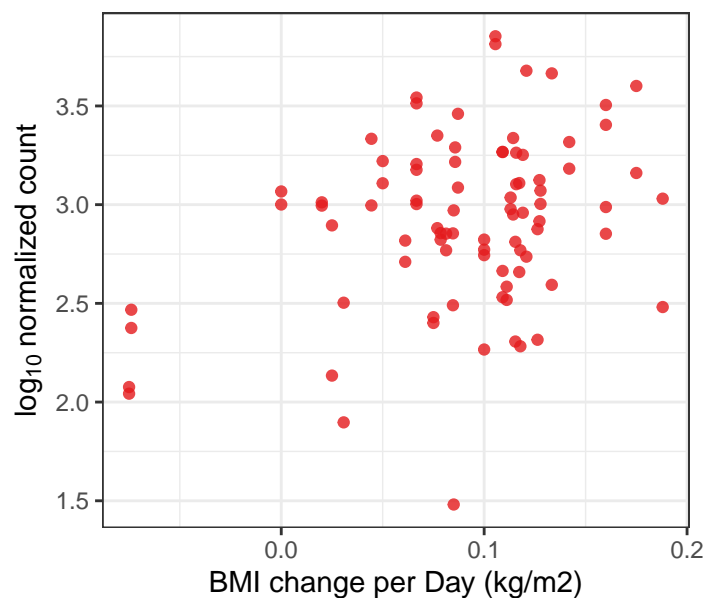
Oxalobacteraceae

p = 0.0648



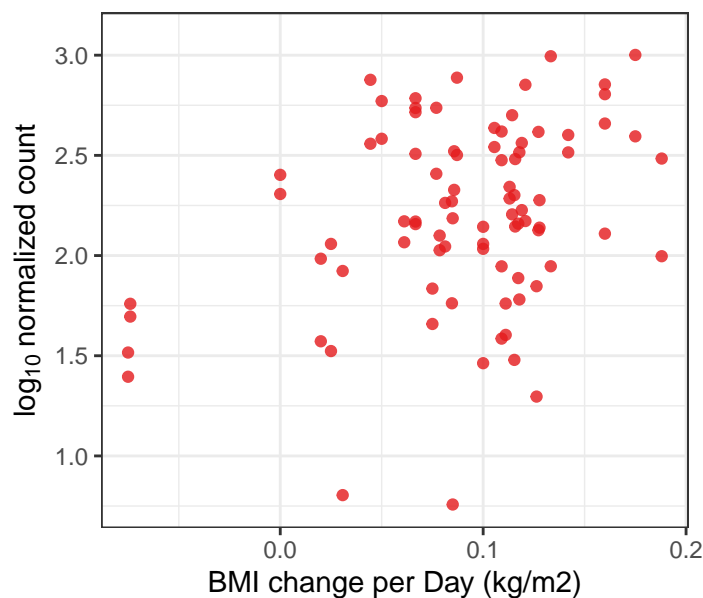
Rhodanobacteraceae

p = 0.0648



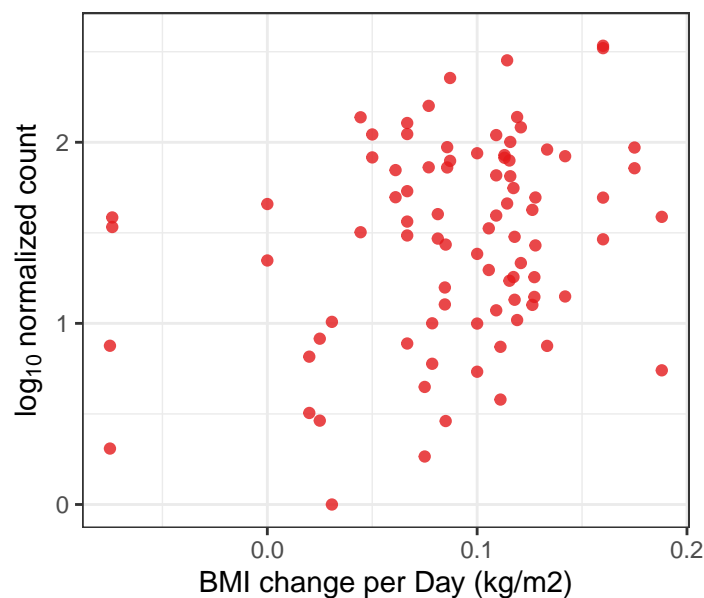
Sinobacteraceae

p = 0.0648



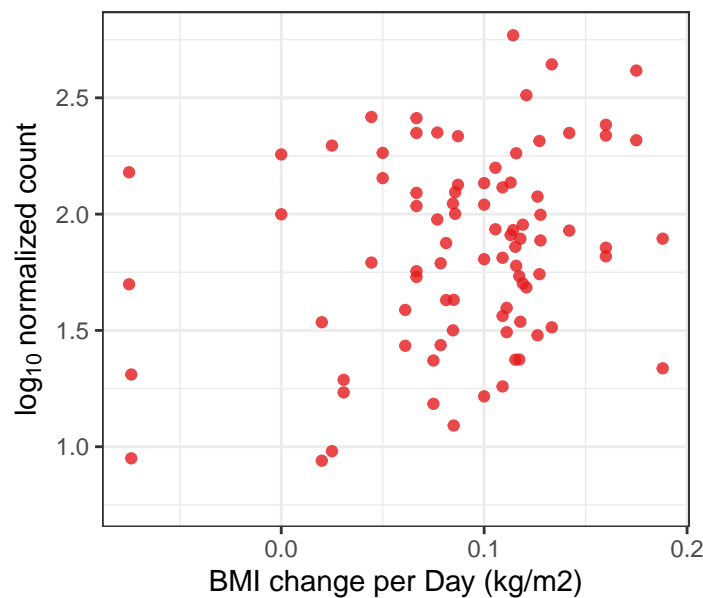
Unclassified Halobacteriales Order

p = 0.07



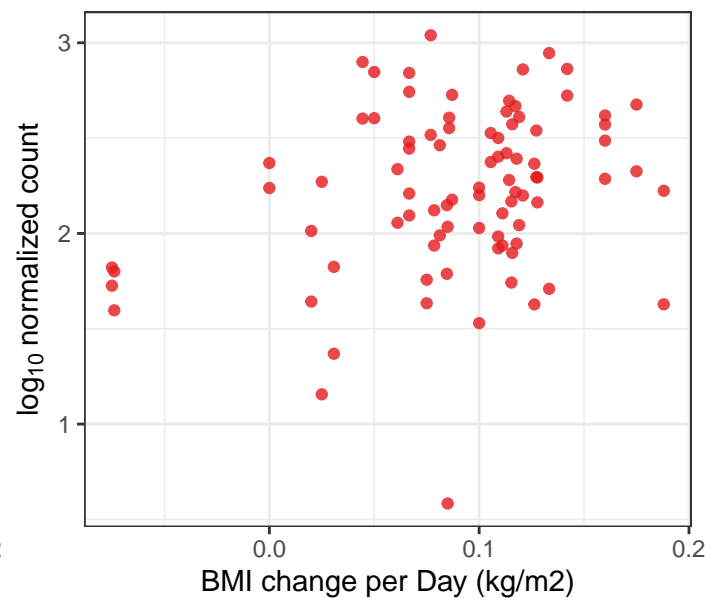
Unclassified Frankiales Order

p = 0.0708



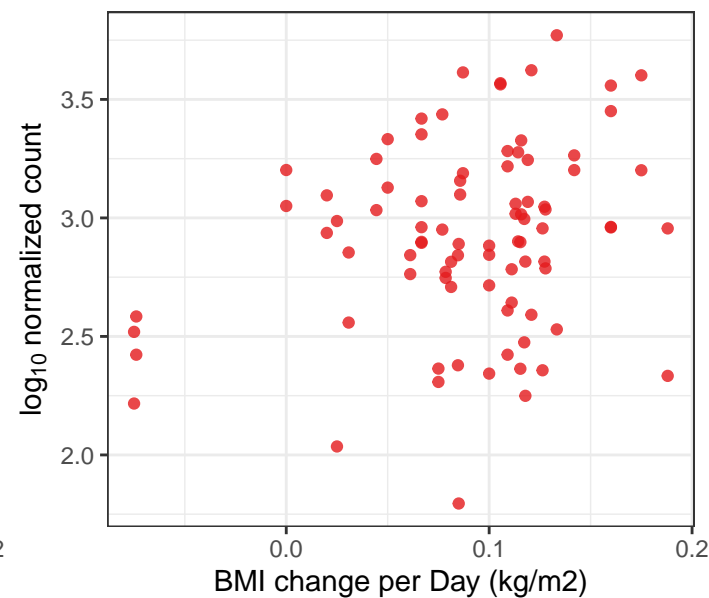
Cohaesibacteraceae

p = 0.0737



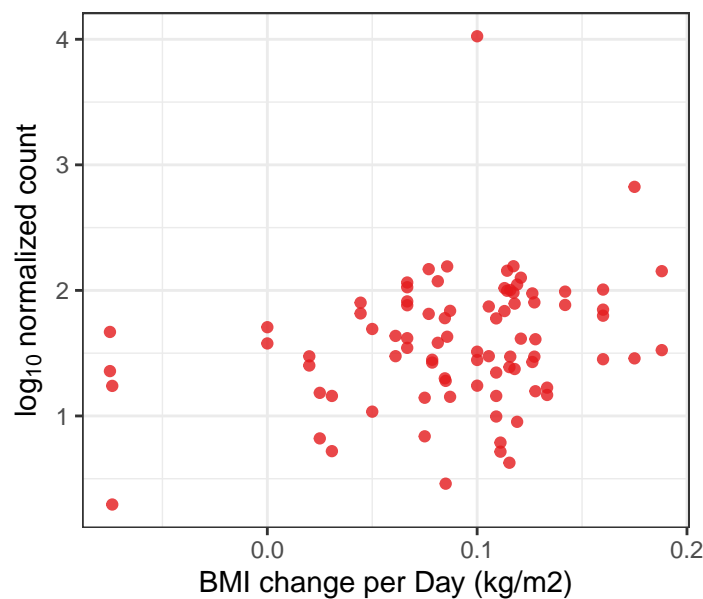
Dermabacteraceae

p = 0.0737



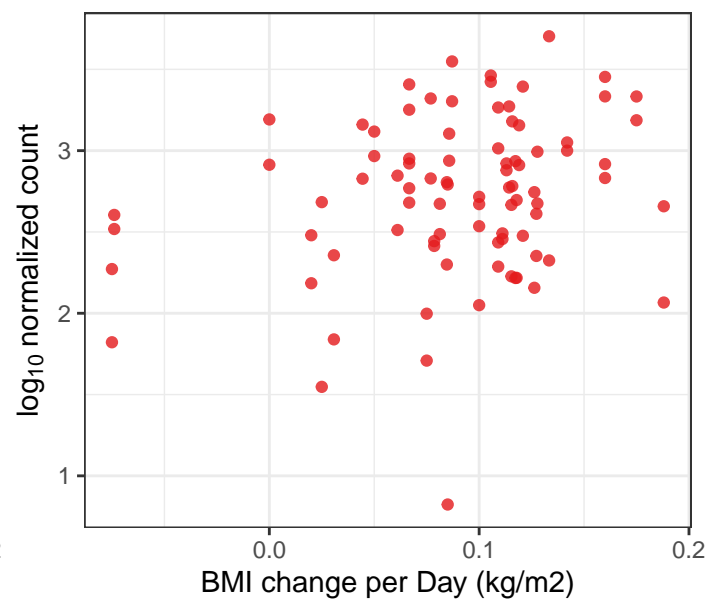
Malasseziaceae

p = 0.0737



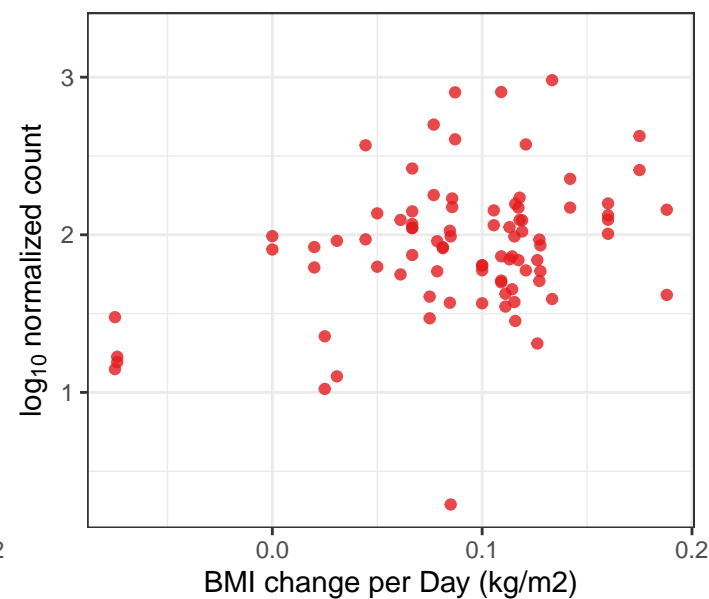
Promicromonosporaceae

p = 0.0737



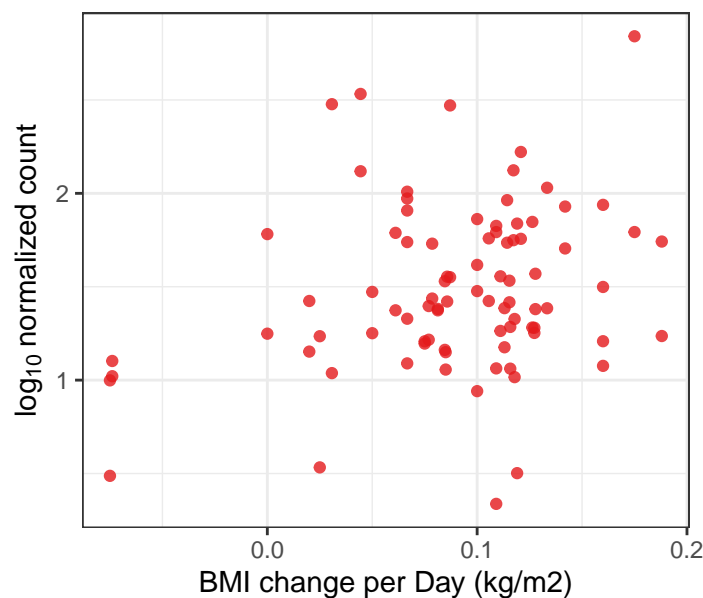
Steroidobacteraceae

p = 0.0737



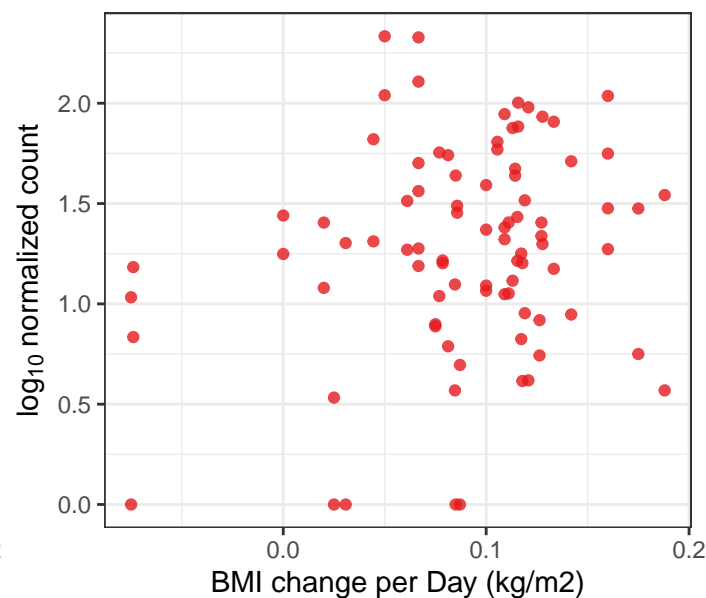
Unclassified Aquificales Order

p = 0.0737



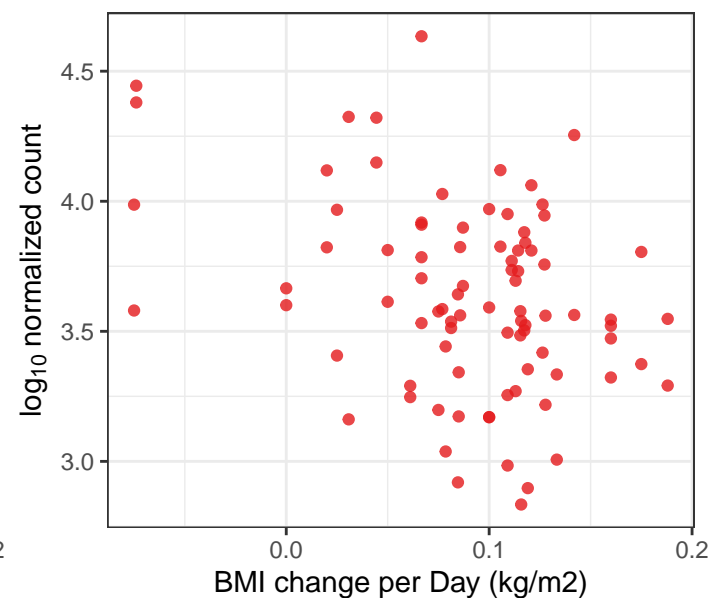
Unclassified Deinococci Class

p = 0.0737



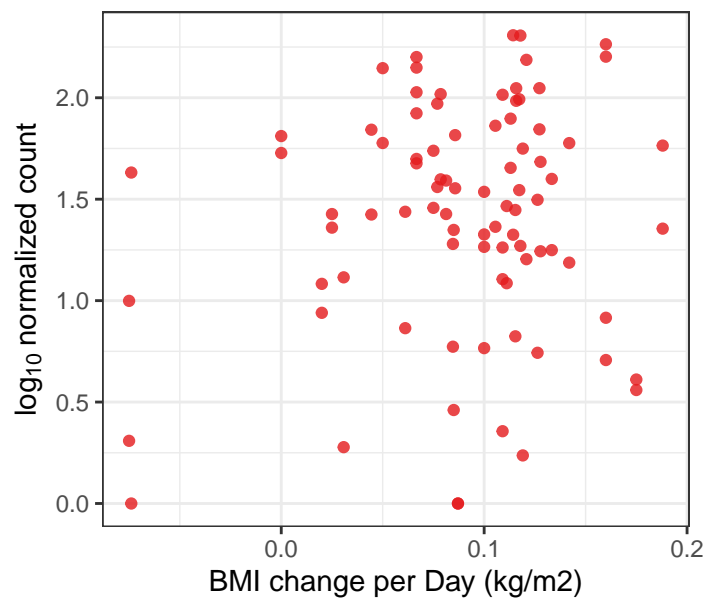
Unclassified Lactobacillales Order

p = 0.0737



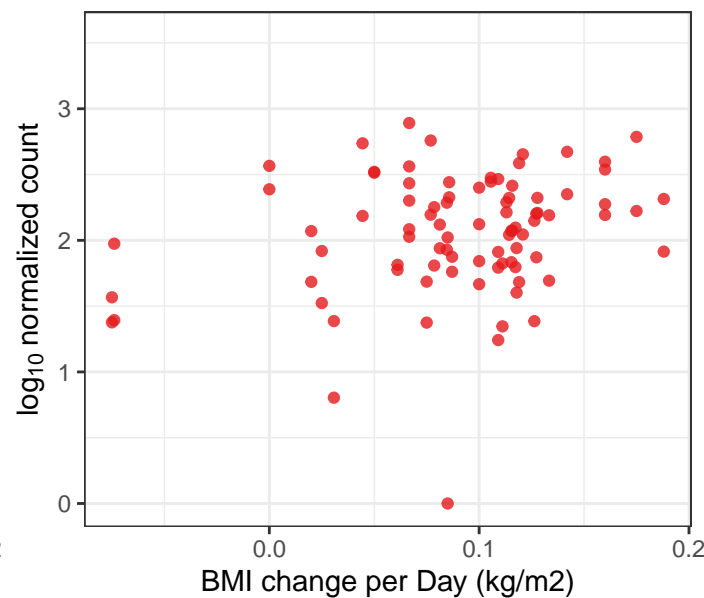
Unclassified Neisseriales Order

p = 0.0737



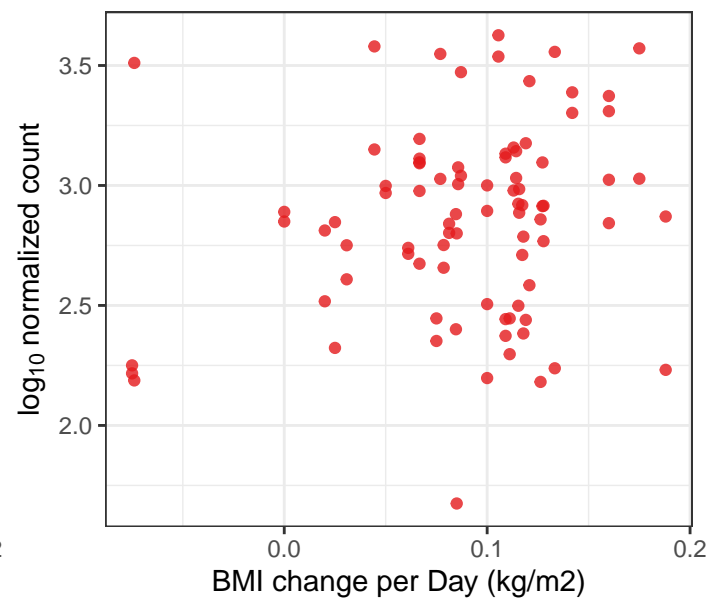
Vulgatibacteraceae

p = 0.0737



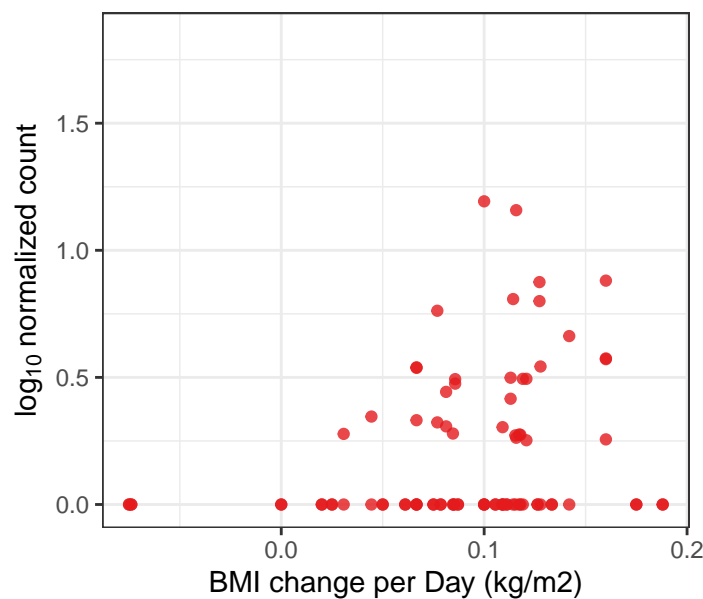
Heliobacteriaceae

p = 0.0742



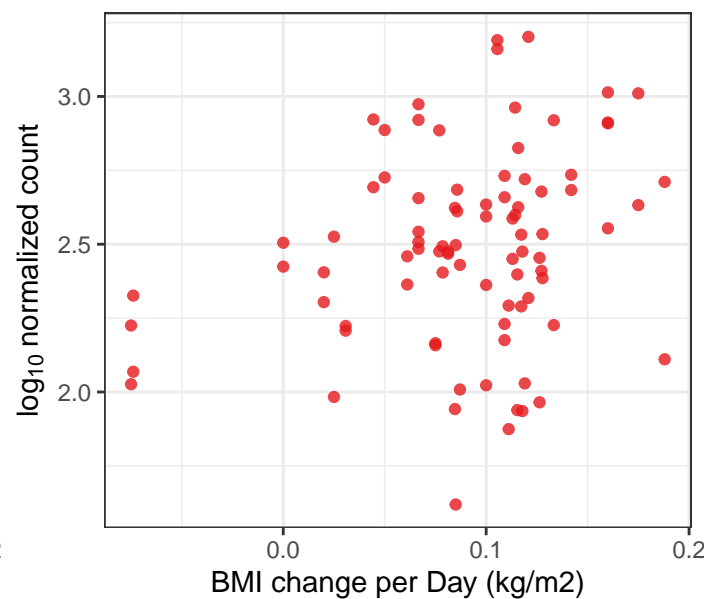
Unclassified Methanomicrobiales Order

p = 0.0742



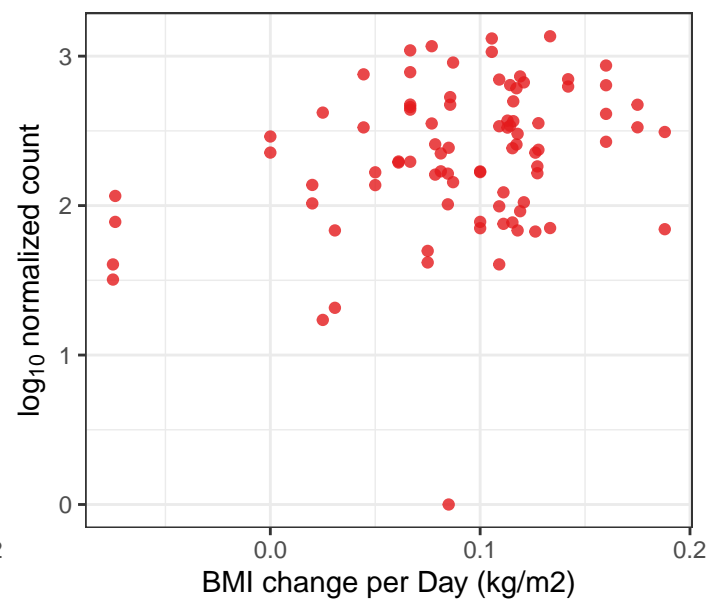
Halieaceae

p = 0.0744



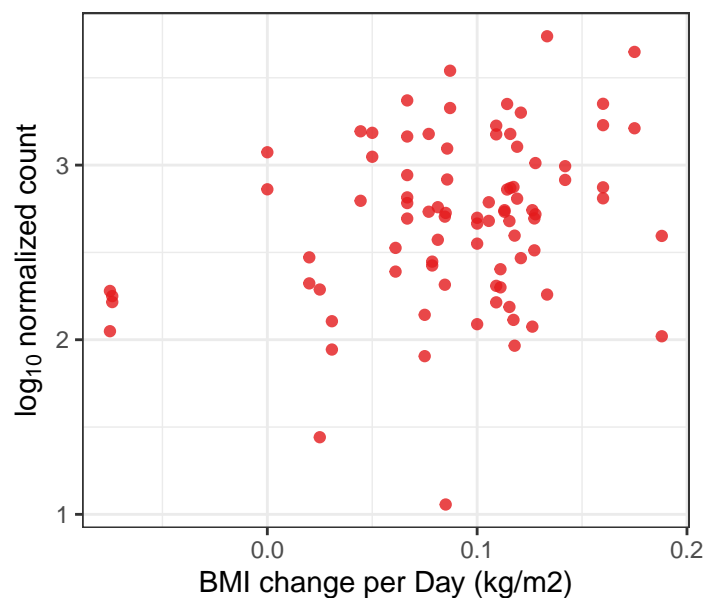
Unclassified Sphingomonadales Order

p = 0.0744



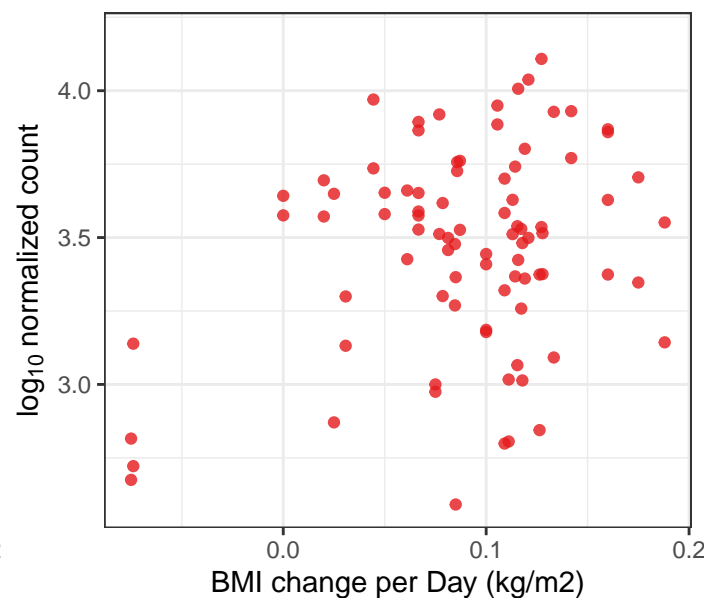
Anaeromyxobacteraceae

p = 0.0749



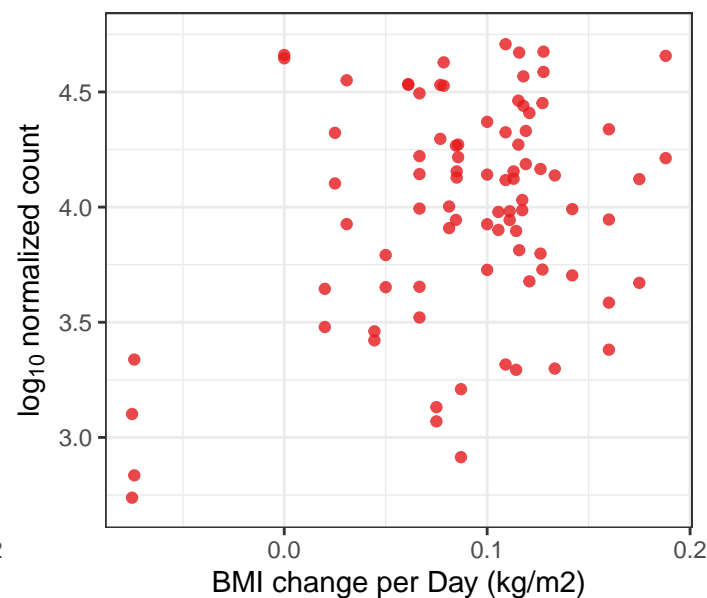
Hymenobacteraceae

p = 0.0749



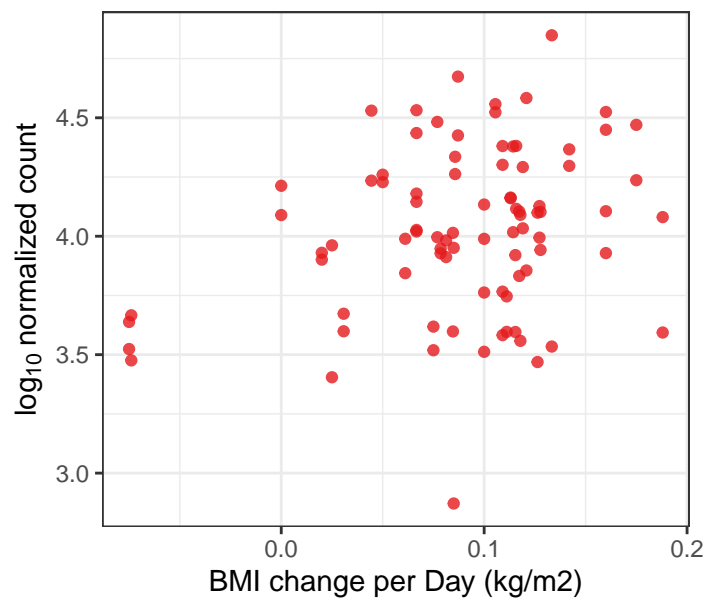
Unclassified Bacteroidetes Phylum

p = 0.0749



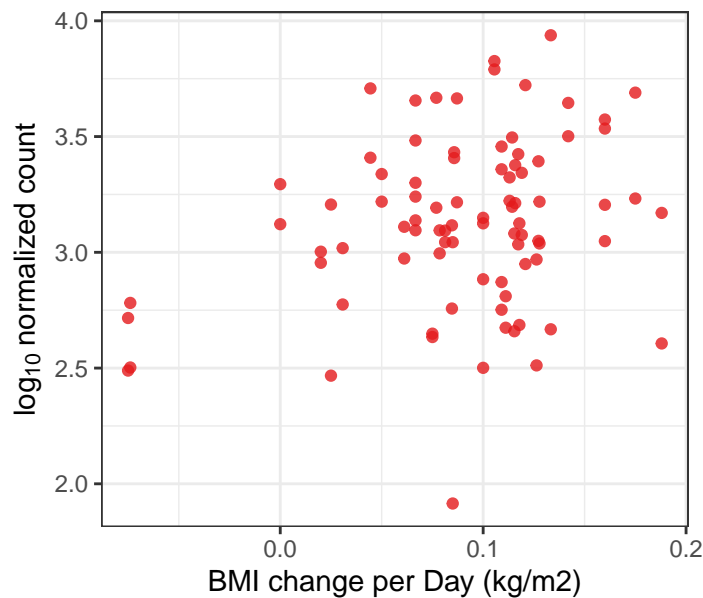
Burkholderiaceae

p = 0.0766



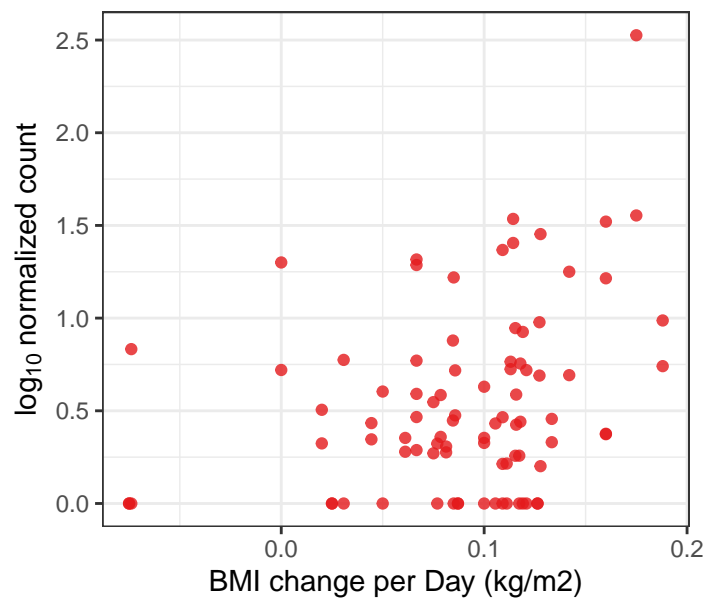
Hyphomicrobiaceae

p = 0.0777



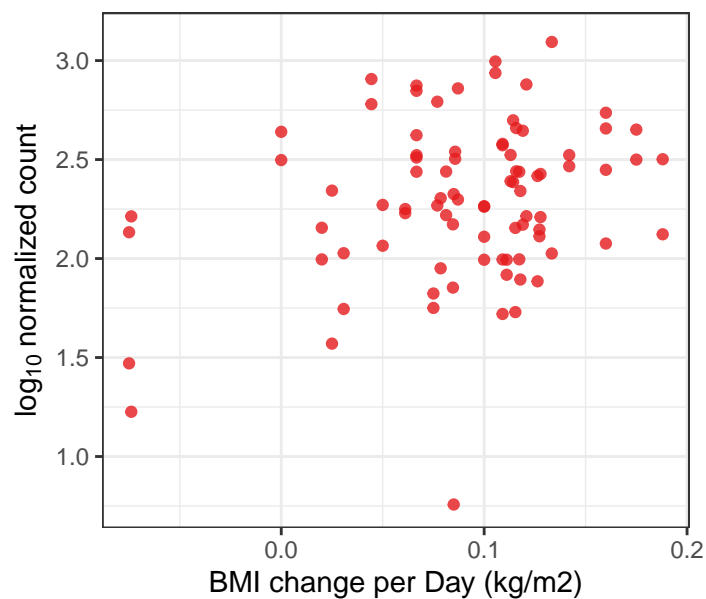
Unclassified Methanomicrobia Class

p = 0.0777



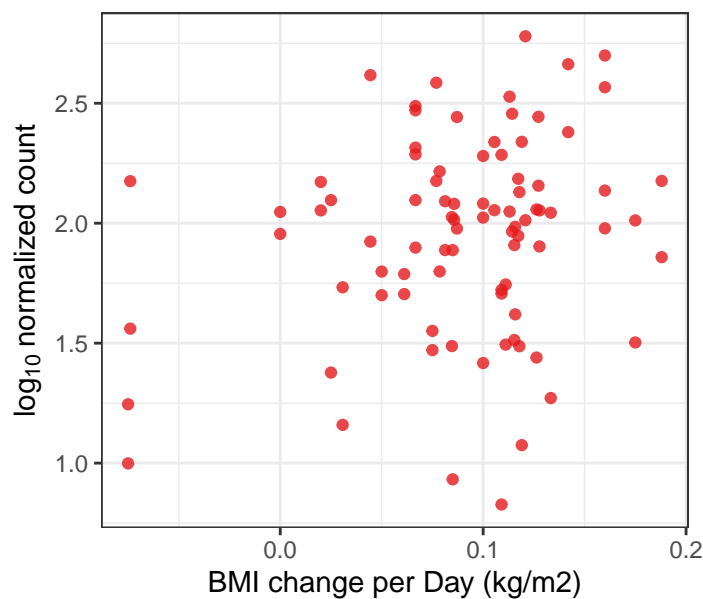
Roseiflexaceae

p = 0.0802



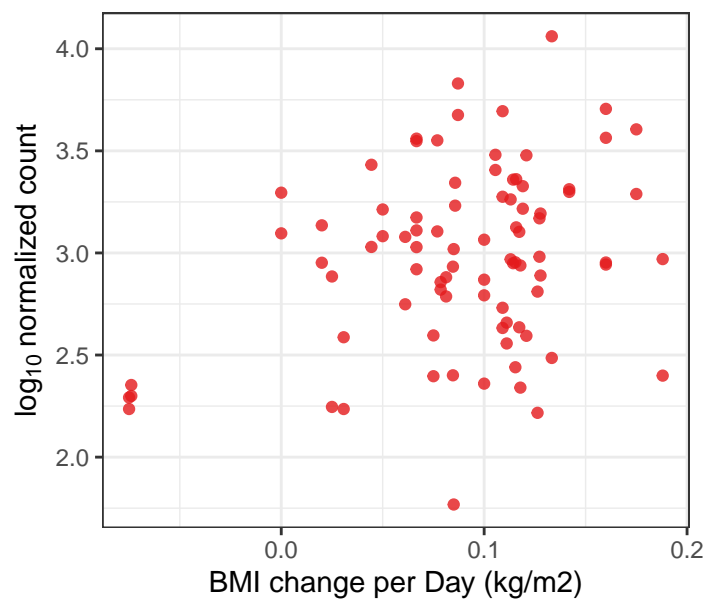
Halothiobacillaceae

p = 0.0829



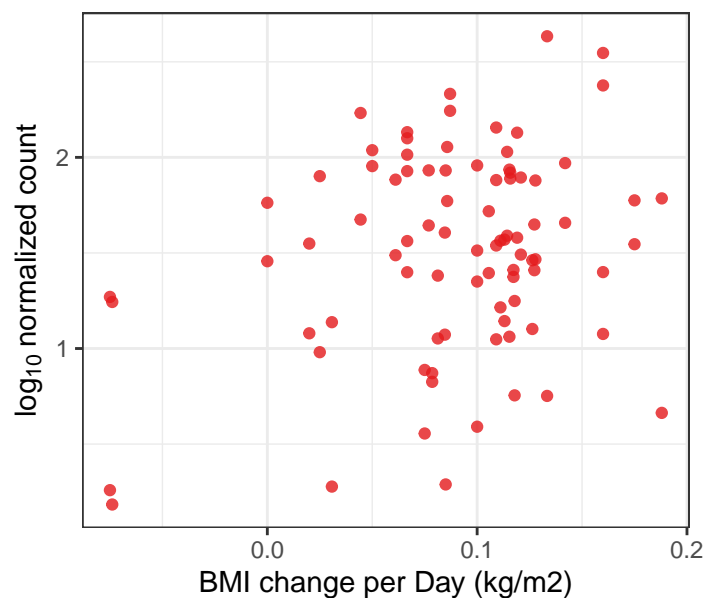
Polyangiaceae

p = 0.0837



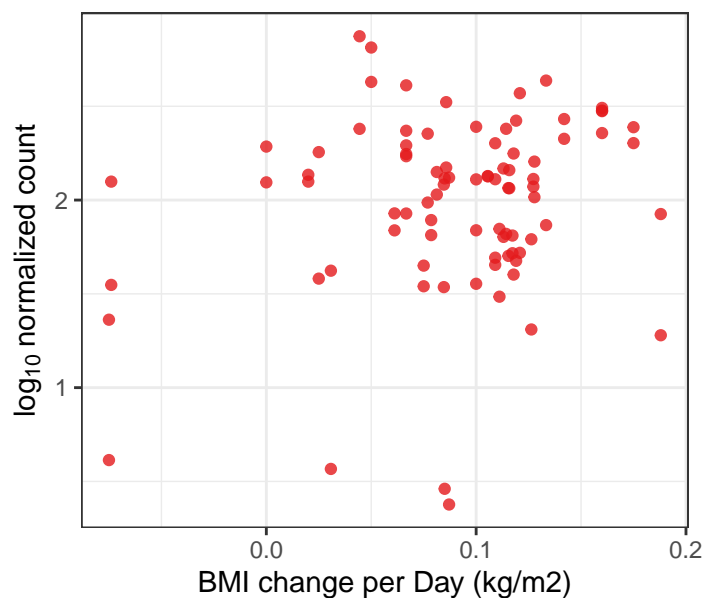
Thermomicrobiaceae

p = 0.0849



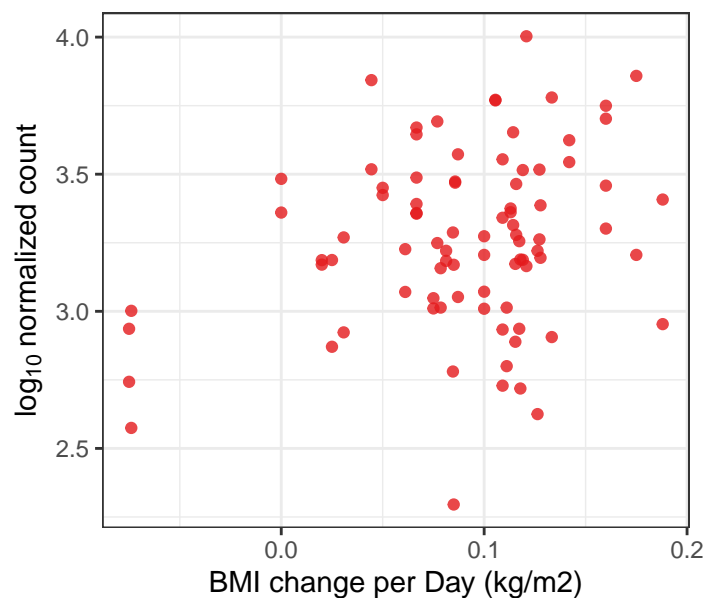
Methanocellaceae

p = 0.086



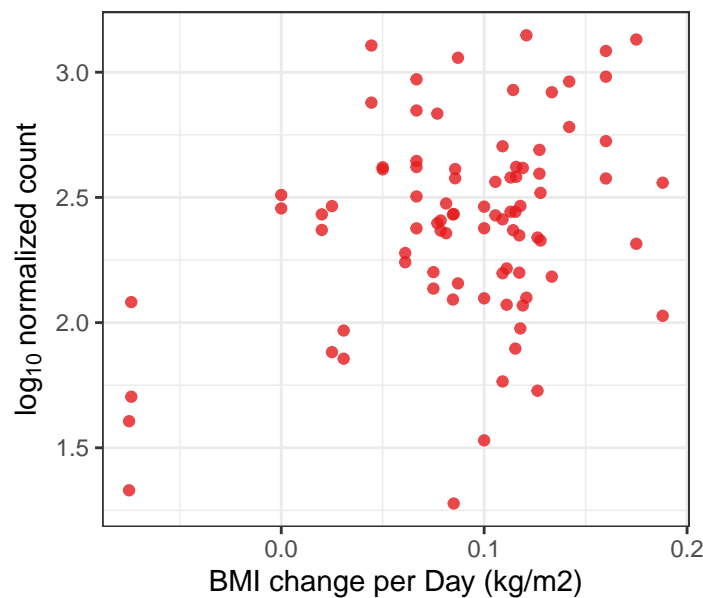
Synechococcaceae

p = 0.0906



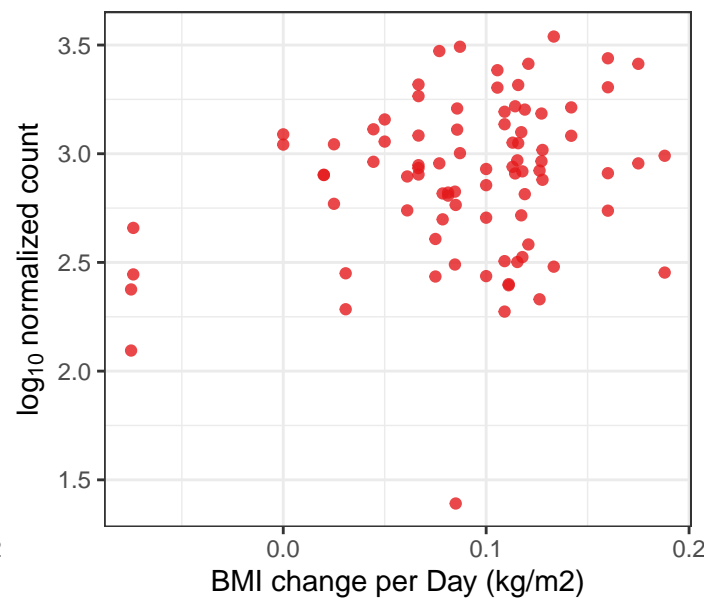
Syntrophobacteraceae

p = 0.0916



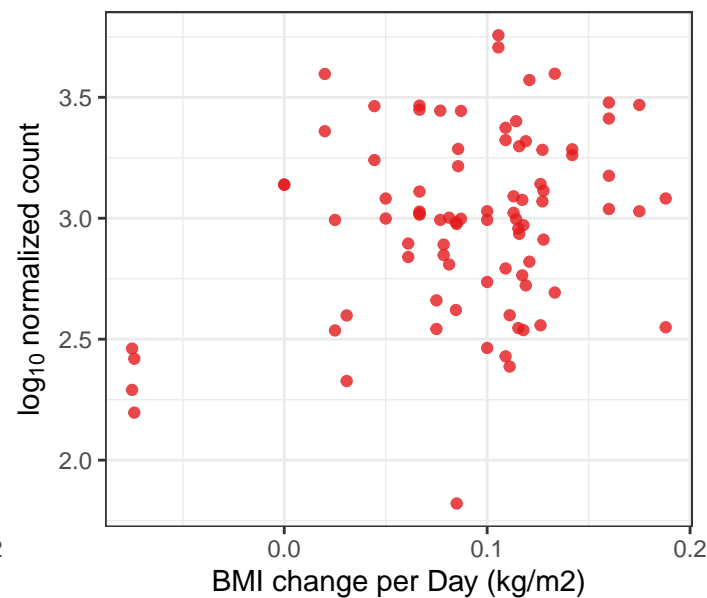
Brevibacteriaceae

p = 0.0933



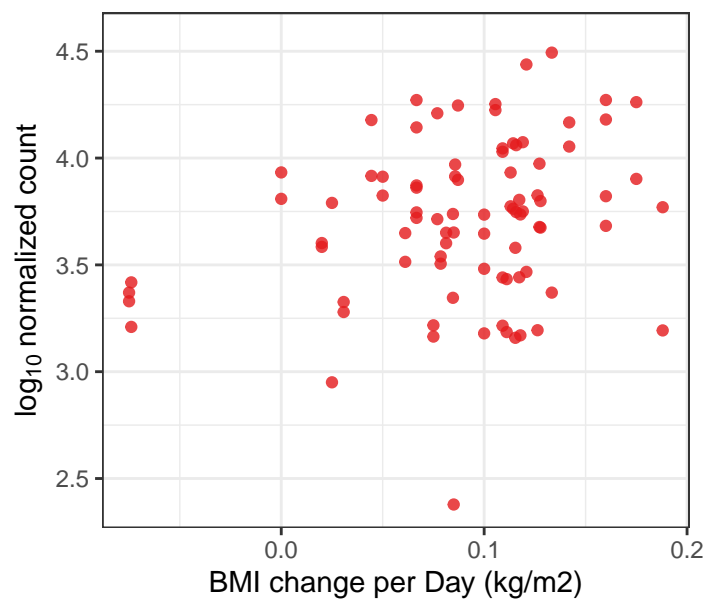
Desulfuromonadaceae

p = 0.0933



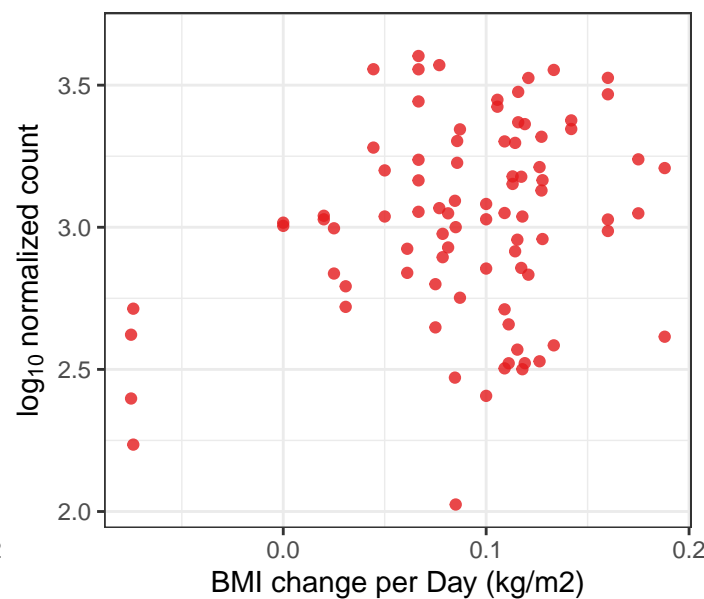
Xanthomonadaceae

p = 0.0933



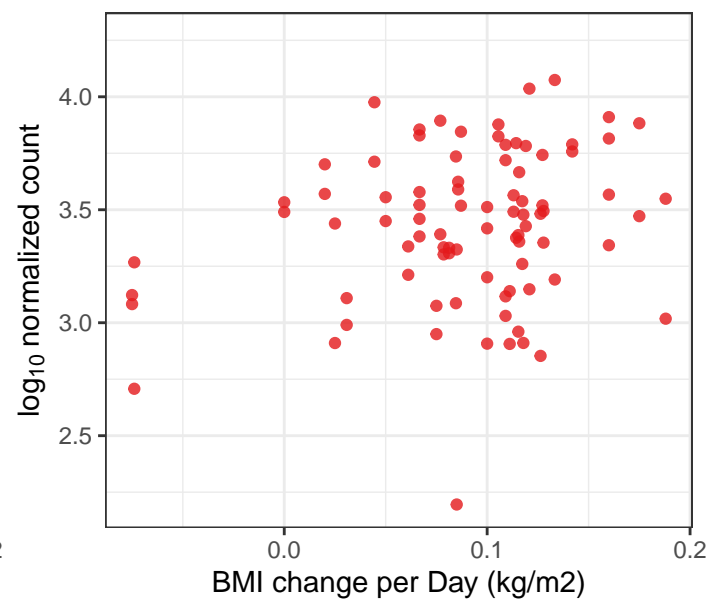
Acidobacteriaceae

p = 0.0939



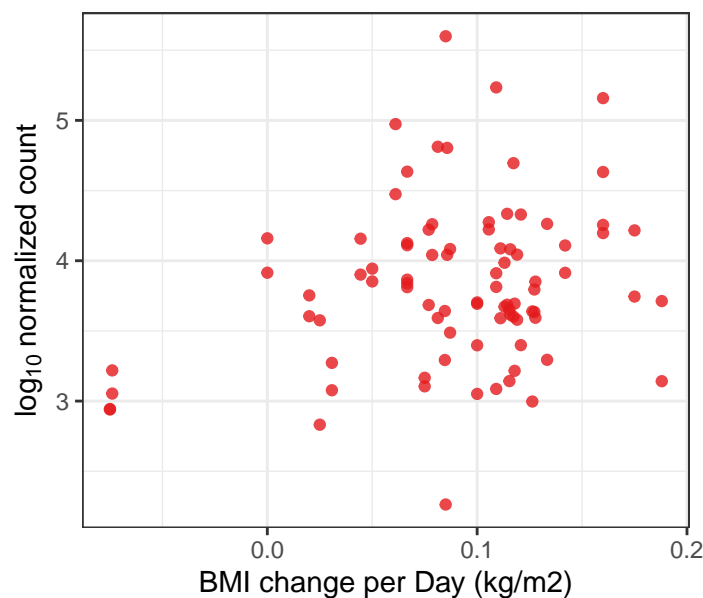
Halomonadaceae

p = 0.0964



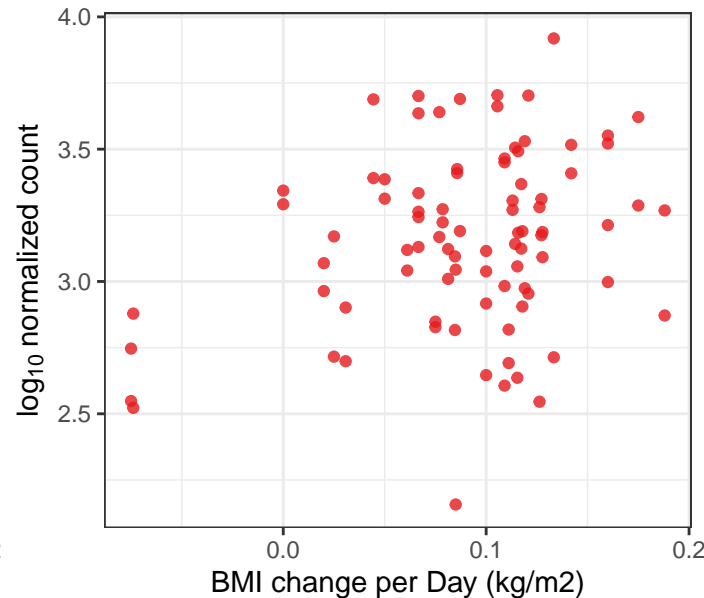
Desulfovibrionaceae

p = 0.0984



Unclassified Betaproteobacteria Class

p = 0.0984



Unclassified Opitutae Class

p = 0.0988

