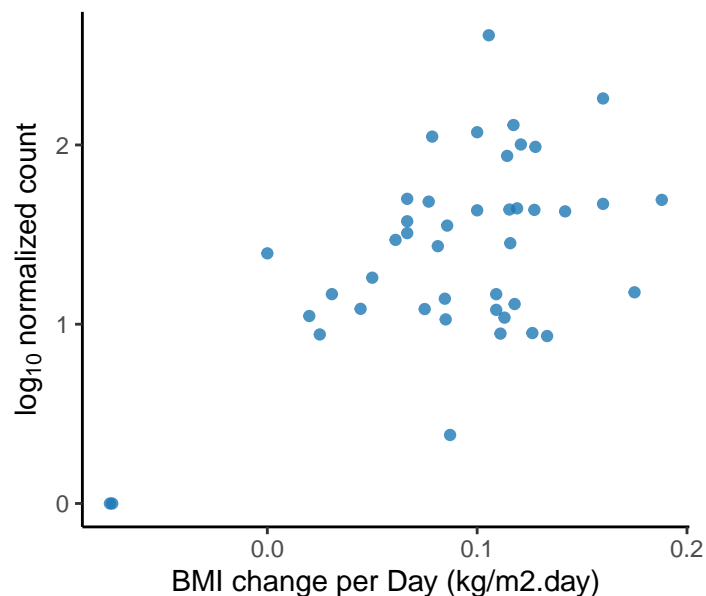


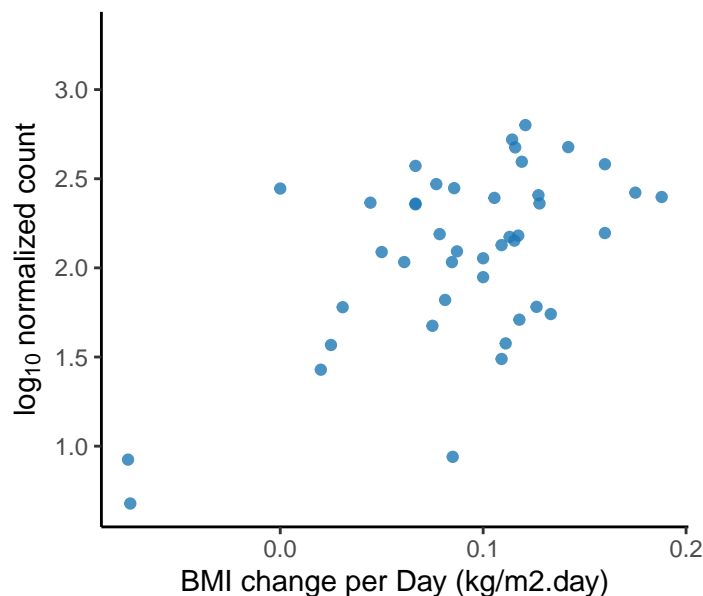
### Parvularculaceae

adjusted p = 0.0168



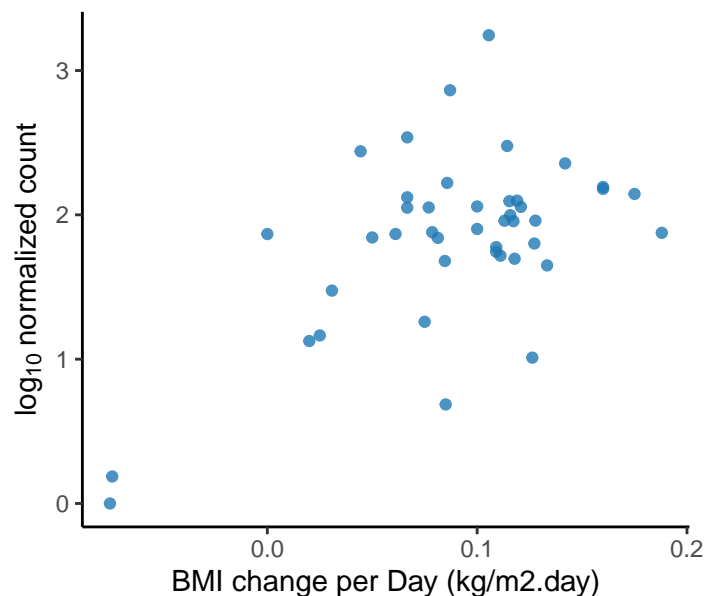
### Unclassified Chromatiales Order

adjusted p = 0.0168



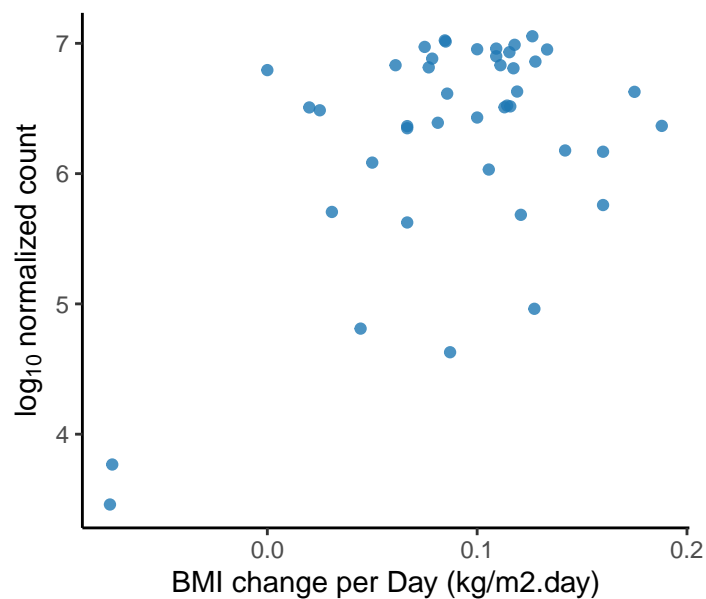
### Unclassified Haloferacales Order

adjusted p = 0.0168



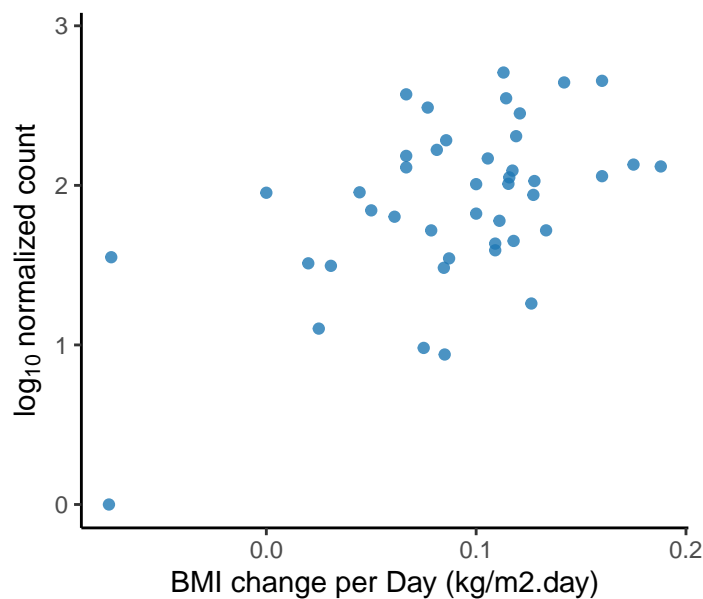
### Bacteroidaceae

adjusted p = 0.0174



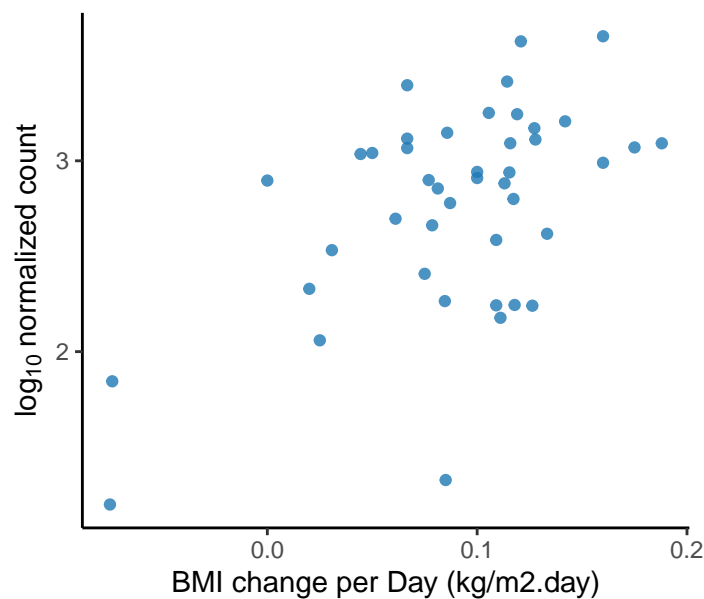
### Bradymonadaceae

adjusted p = 0.0174



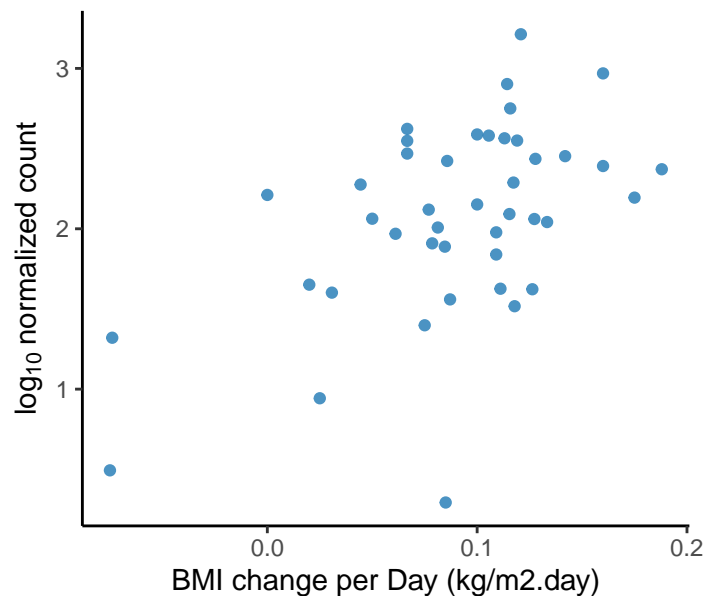
### Clostridiales Family XVII. Incertae Sedis

adjusted p = 0.0174



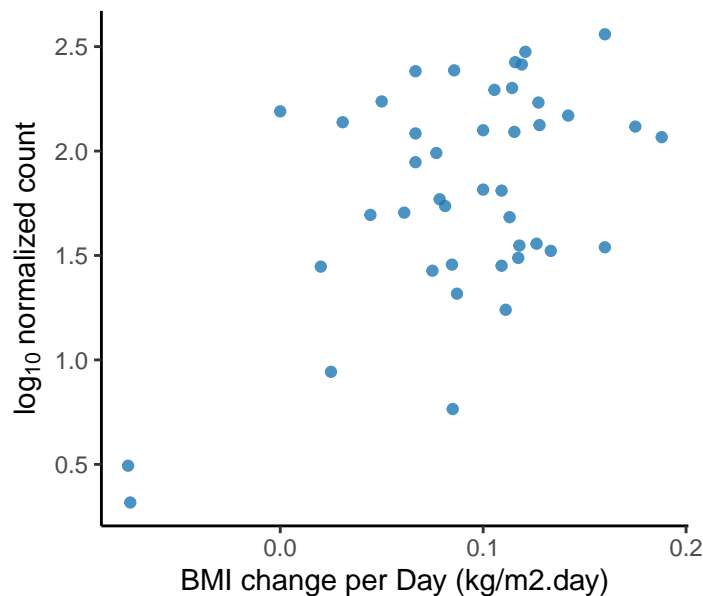
### Euzebyaceae

adjusted p = 0.0174



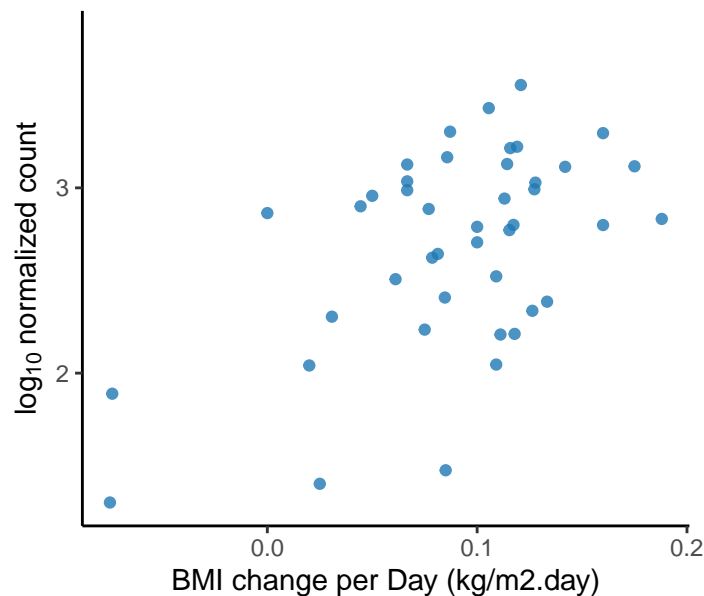
### Methanotrichaceae

adjusted p = 0.0174



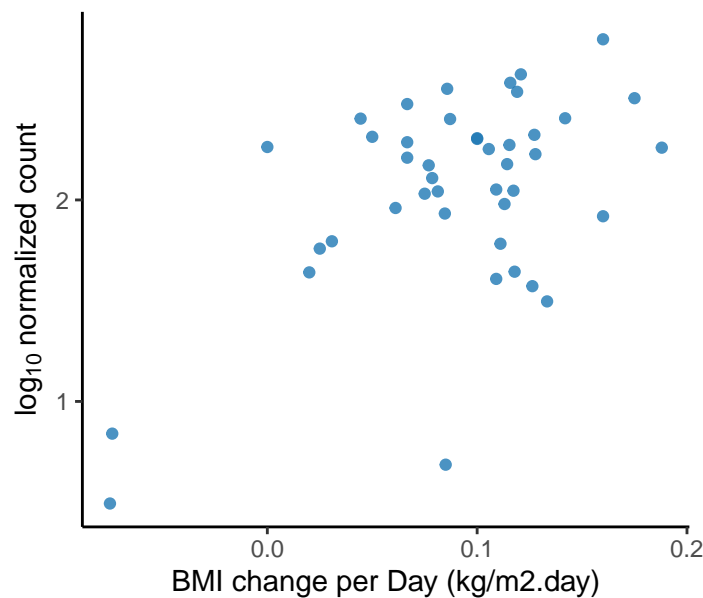
### Thermomonosporaceae

adjusted p = 0.0174



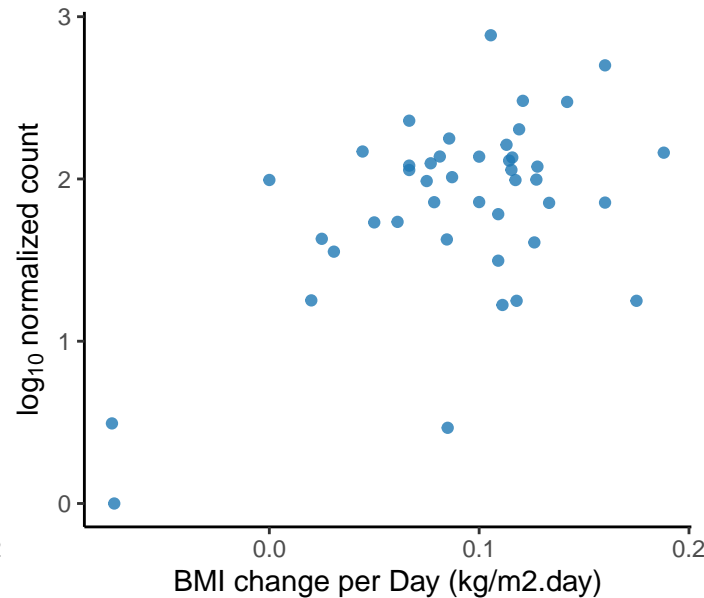
Unclassified Halobacteria Class

adjusted p = 0.0174



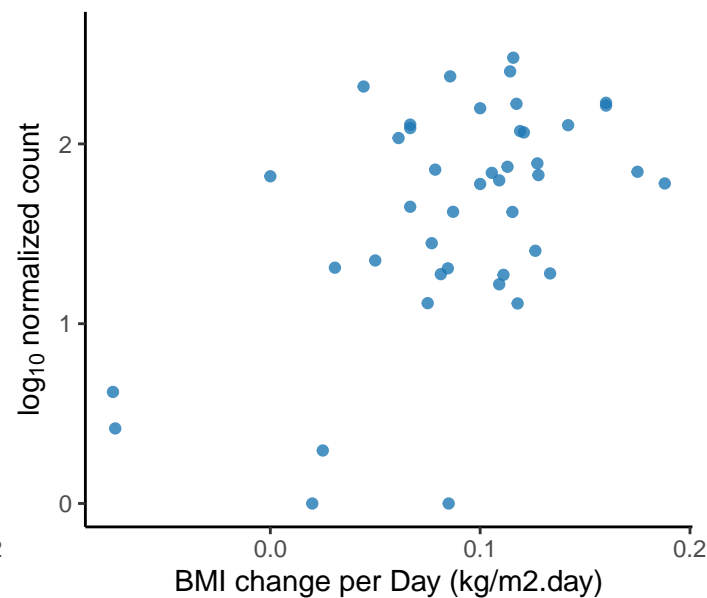
Unclassified Thermoplasmatales Order

adjusted p = 0.0174



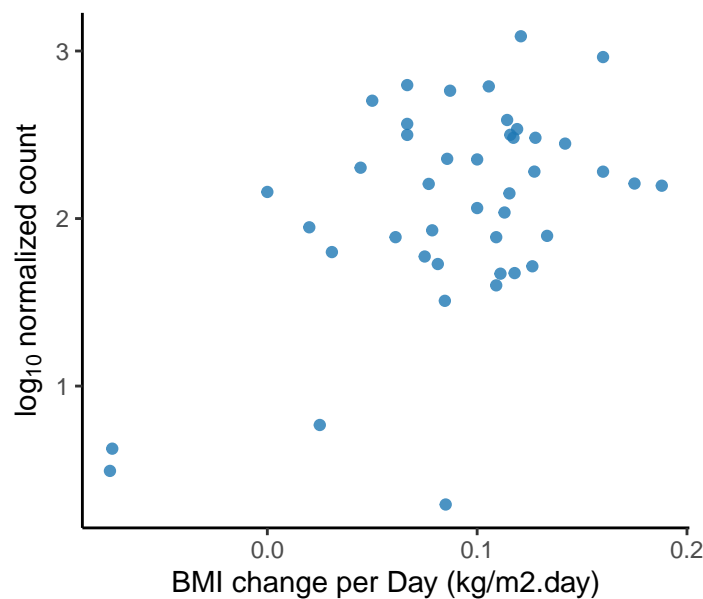
Wenzhouxiangellaceae

adjusted p = 0.0174



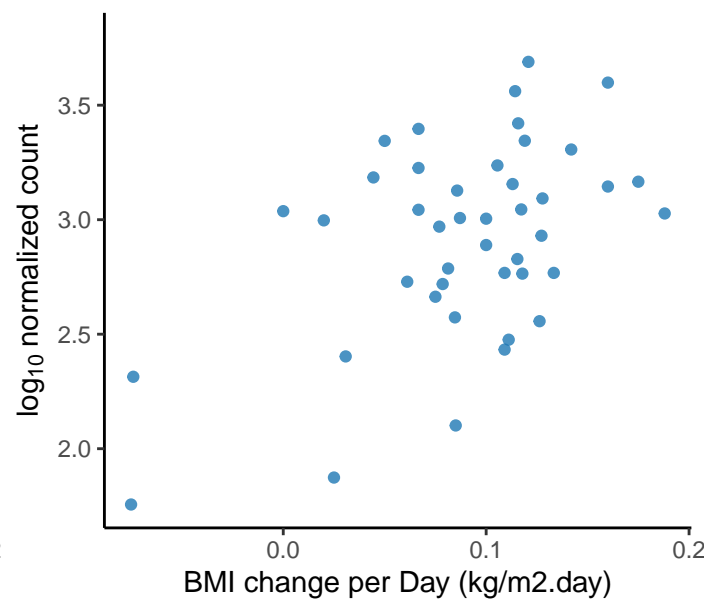
Glycomycetaceae

adjusted p = 0.0186



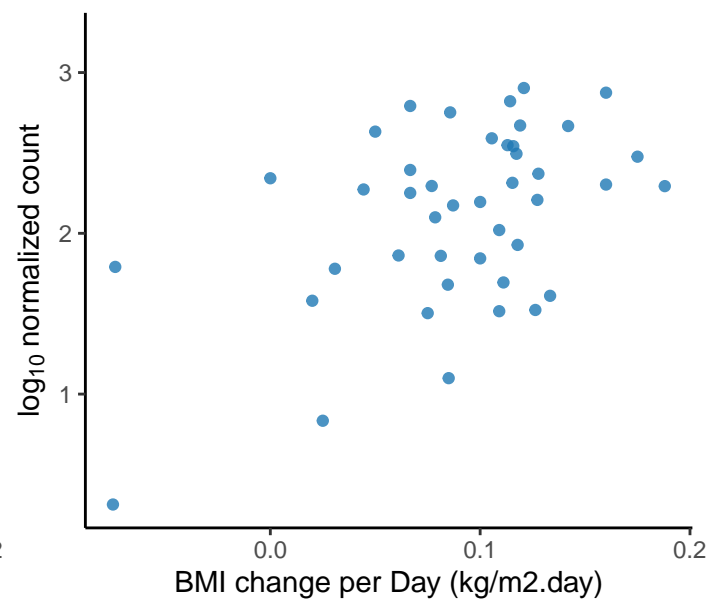
Streptosporangiaceae

adjusted p = 0.0212



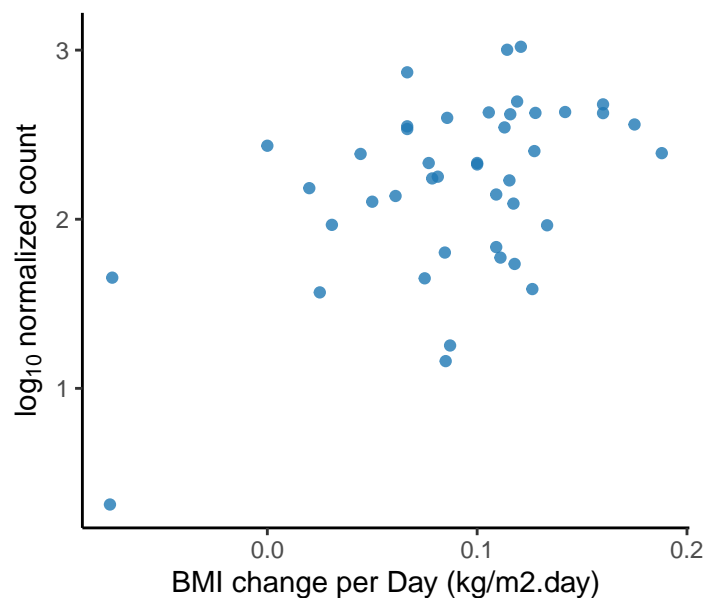
Chelatococcaceae

adjusted p = 0.0223



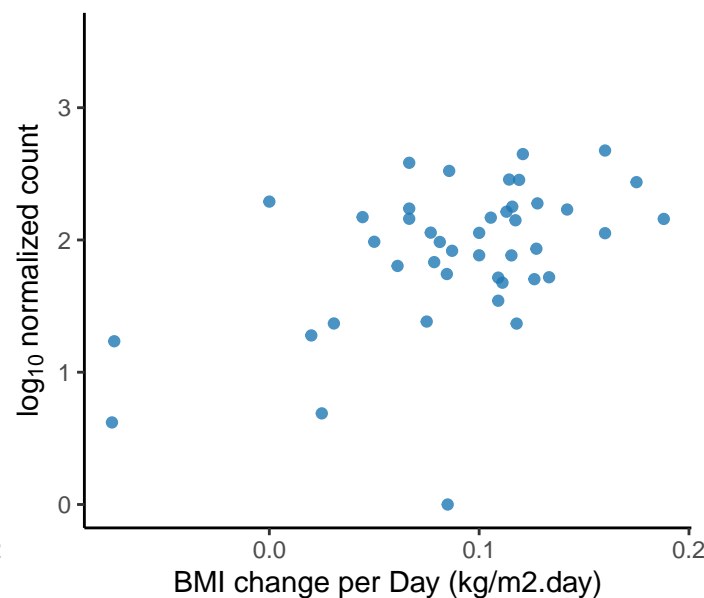
Desulfarculaceae

adjusted p = 0.0223



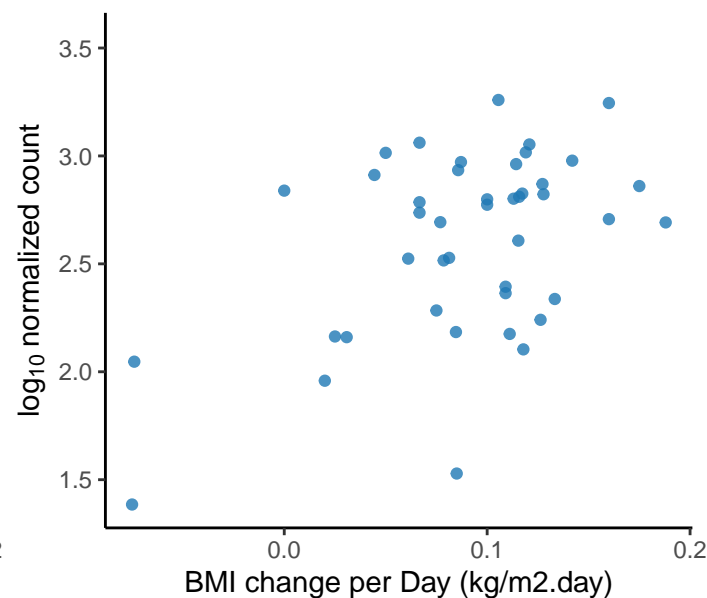
Egicoccaceae

adjusted p = 0.0223



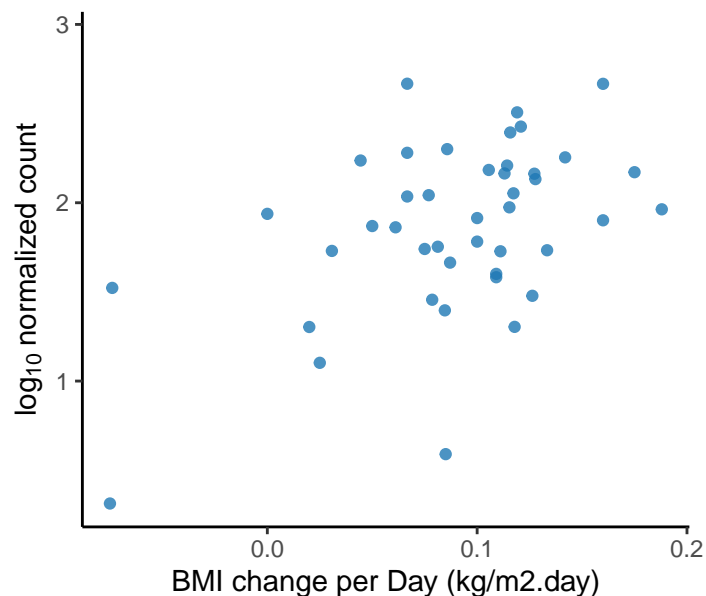
Haloarculaceae

adjusted p = 0.0223



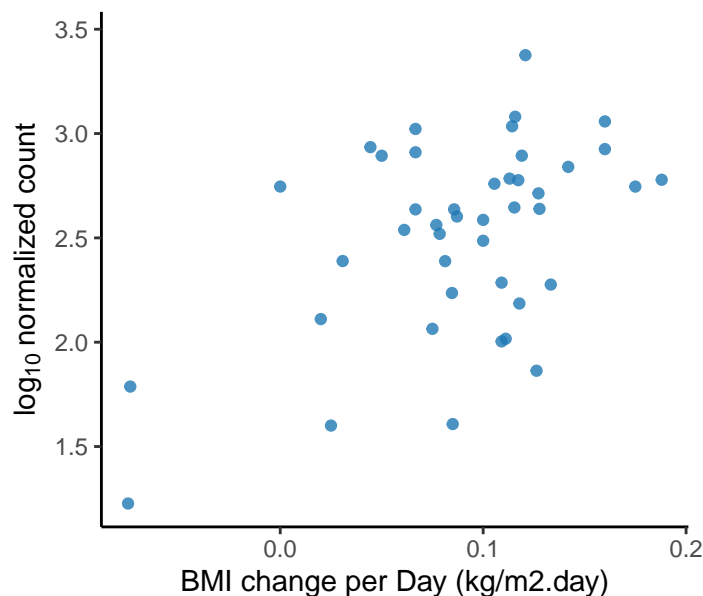
### Kiritimatiellaceae

adjusted p = 0.0223



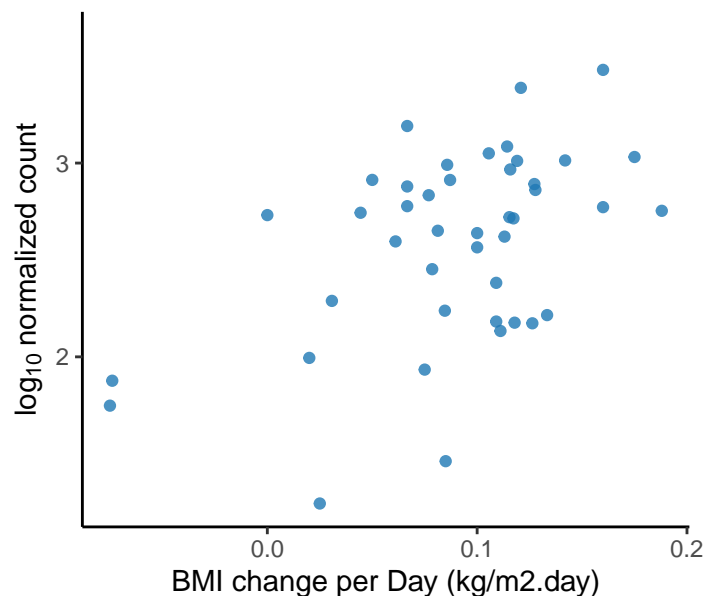
### Rhodocyclaceae

adjusted p = 0.0223



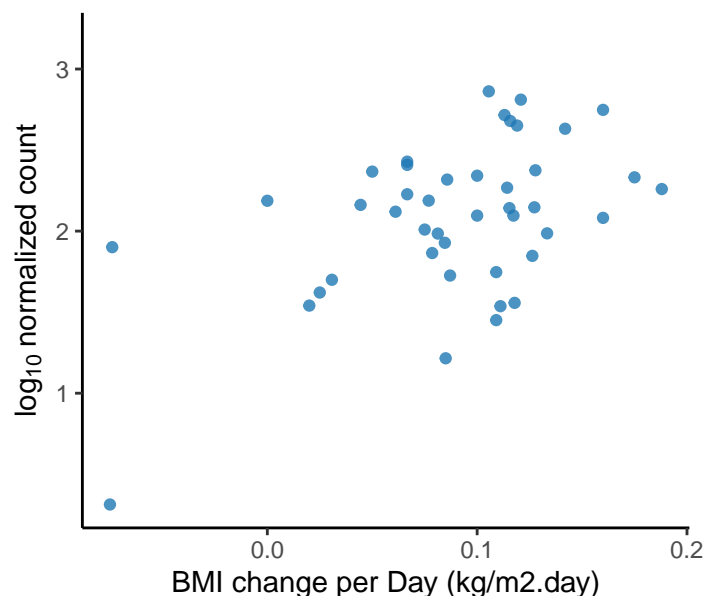
### Symbiobacteriaceae

adjusted p = 0.0223



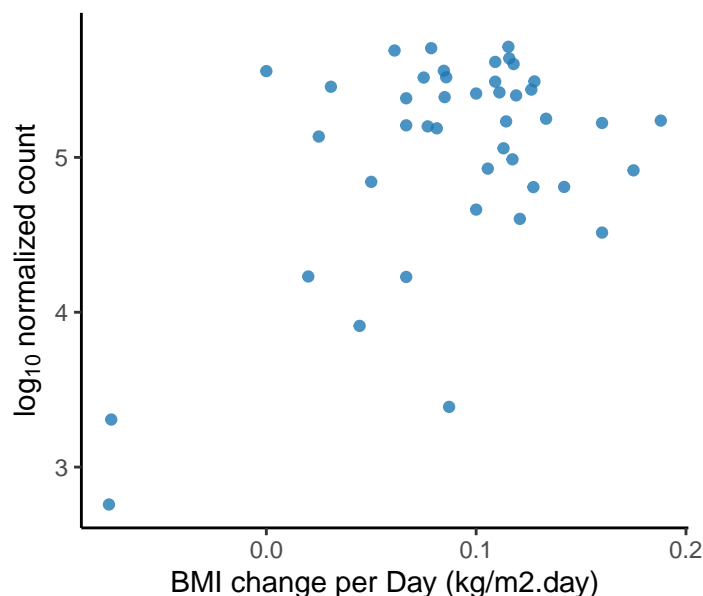
### Tepidiformaceae

adjusted p = 0.0223



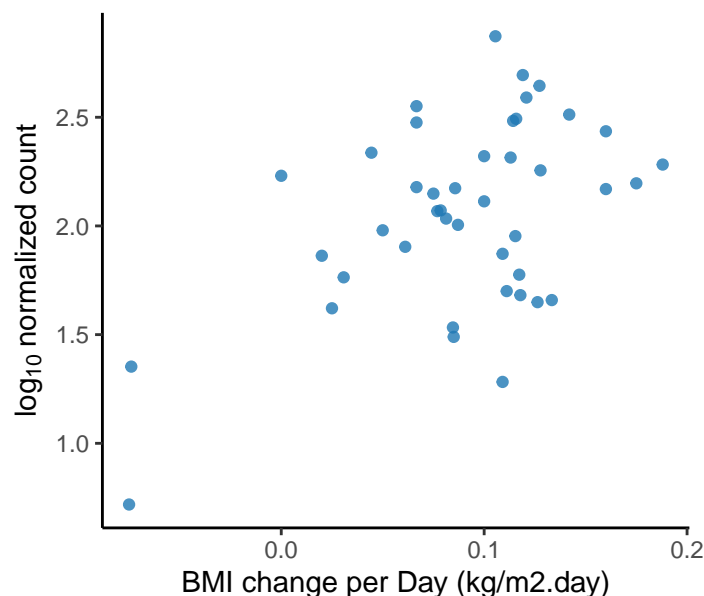
### Unclassified Bacteroidales Order

adjusted p = 0.0223



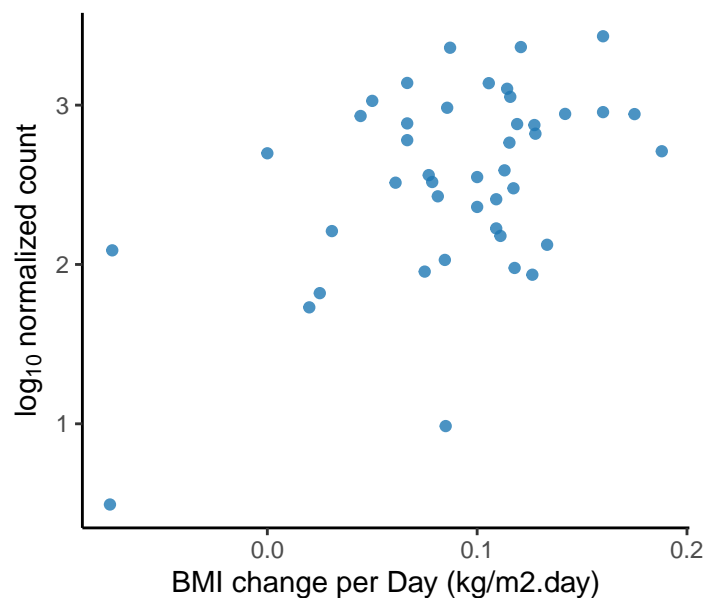
### Unclassified Kiritimatiellaeota Phylum

adjusted p = 0.0223



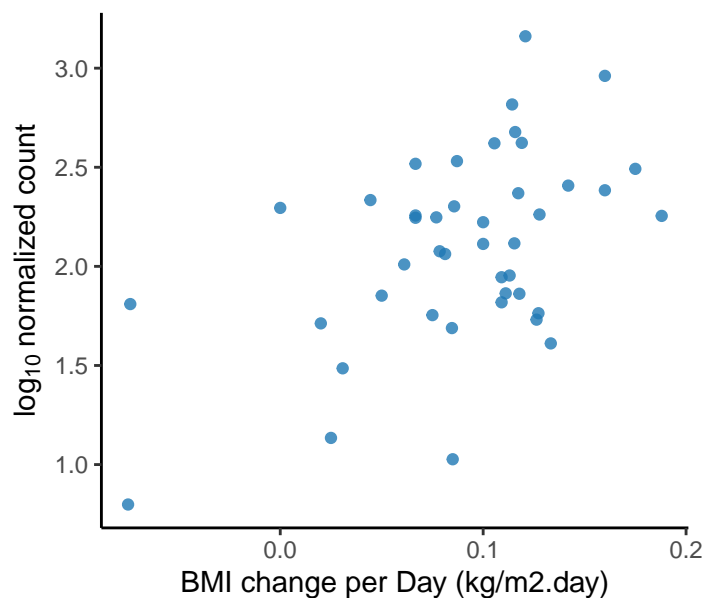
### Unclassified Myxococcales Order

adjusted p = 0.0223



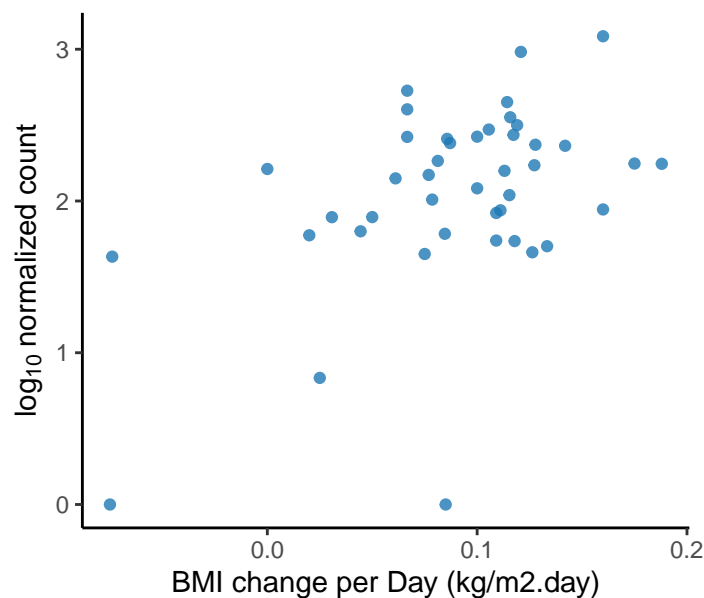
### Vicinamibacteraceae

adjusted p = 0.0223



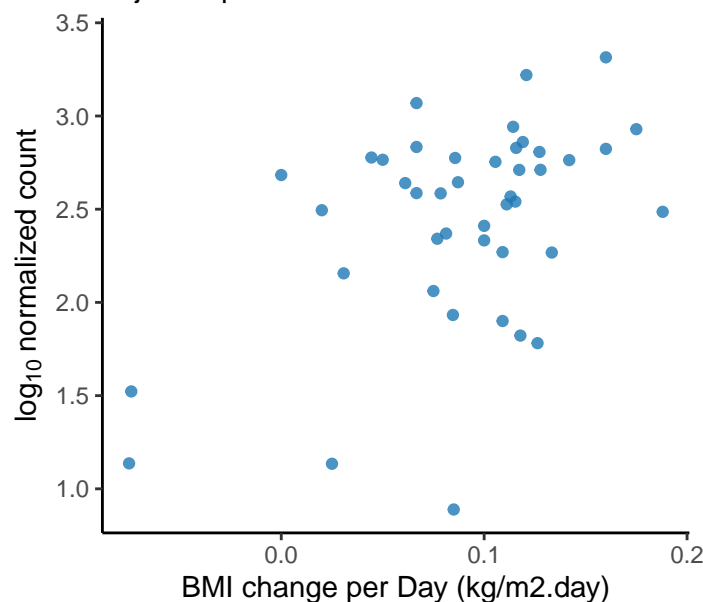
### Sphaerobacteraceae

adjusted p = 0.0223



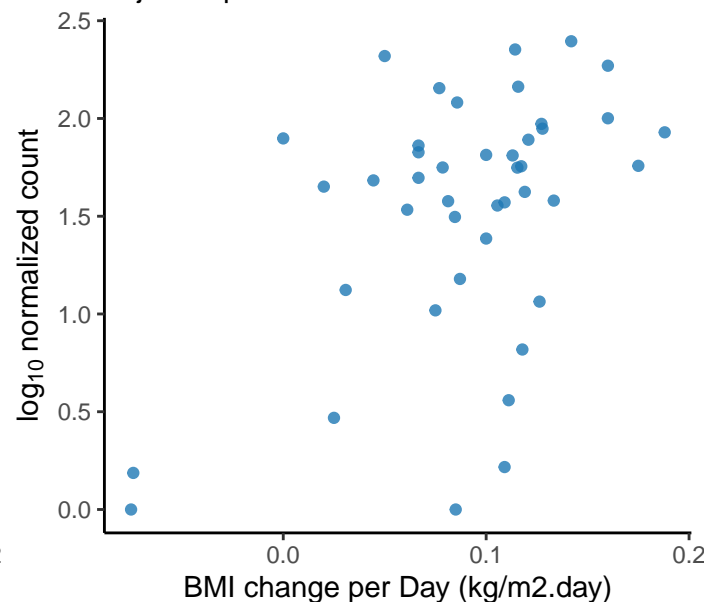
Unclassified Deltaproteobacteria Class

adjusted p = 0.025



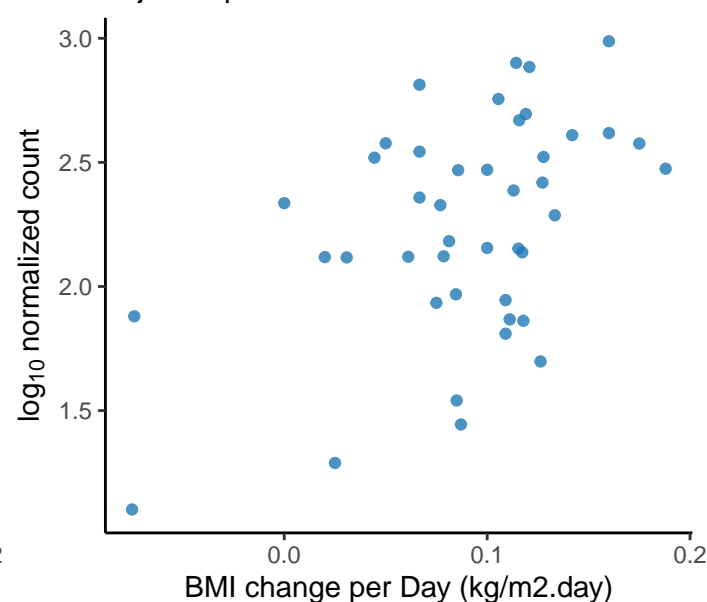
Candidatus Methanomethylophilaceae

adjusted p = 0.0256



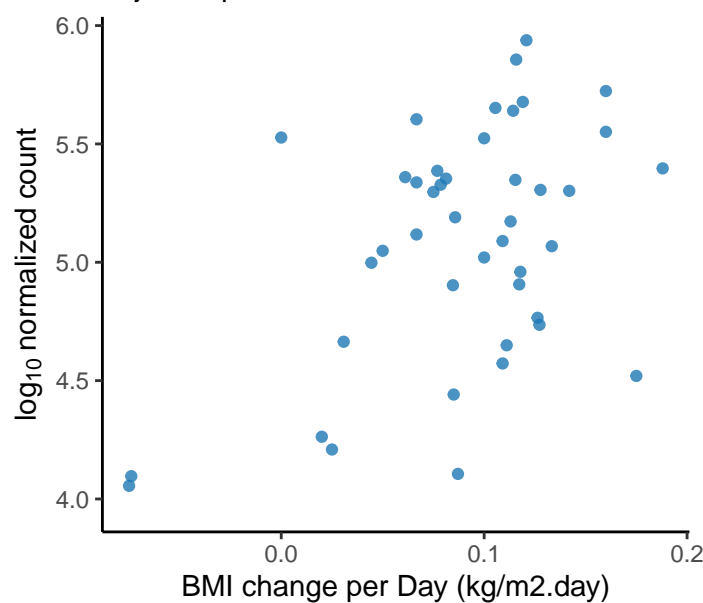
Nakamurellaceae

adjusted p = 0.0256



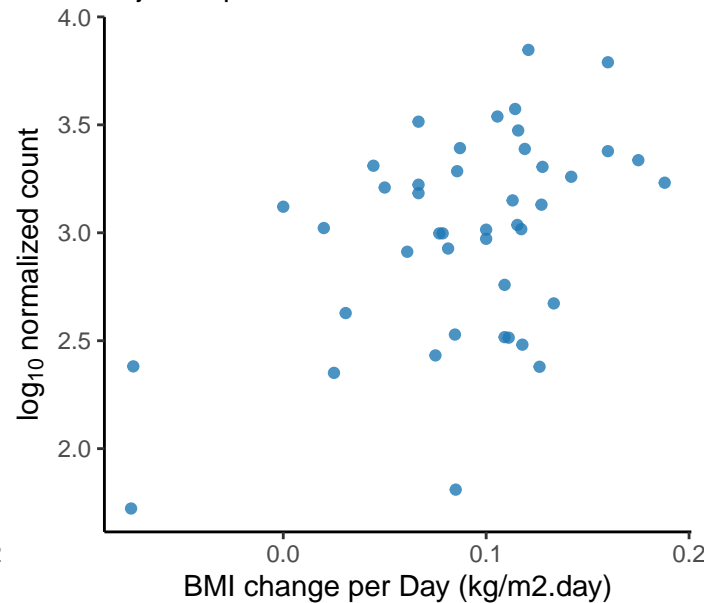
Oscillospiraceae

adjusted p = 0.0273



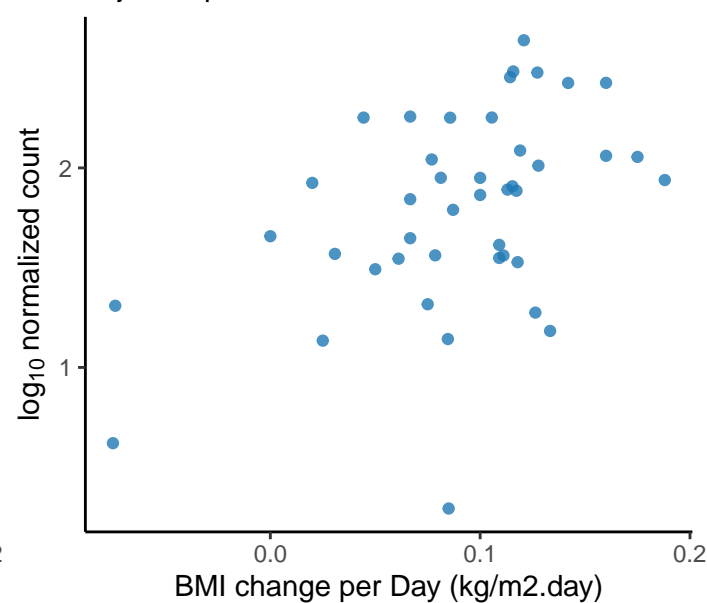
Myxococcaceae

adjusted p = 0.0279



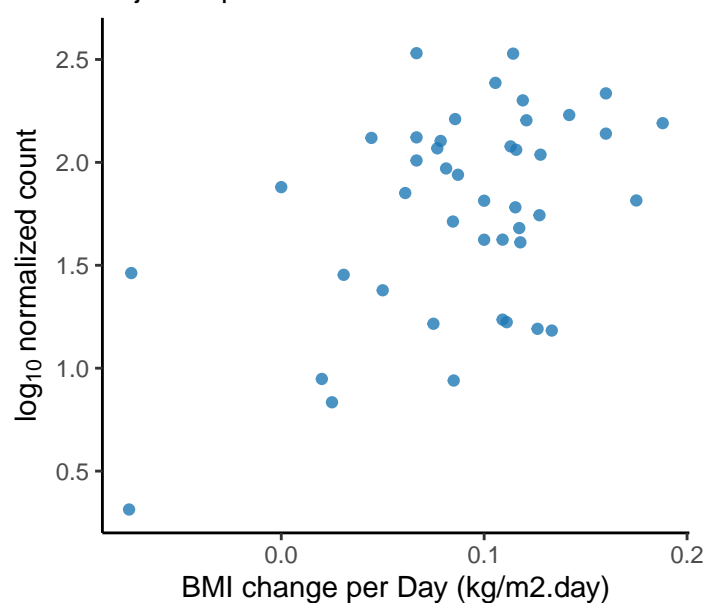
Unclassified Phycisphaerae Class

adjusted p = 0.0282



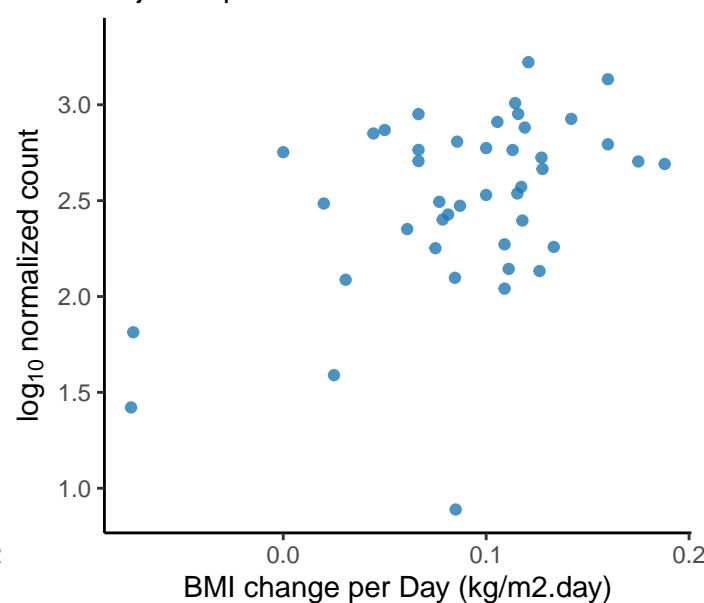
Unclassified Rhodocyclales Order

adjusted p = 0.0282



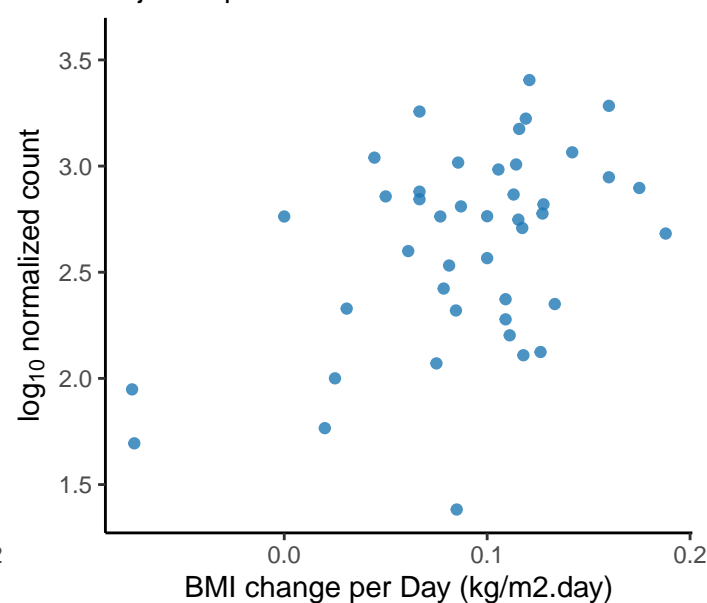
Aurantimonadaceae

adjusted p = 0.03



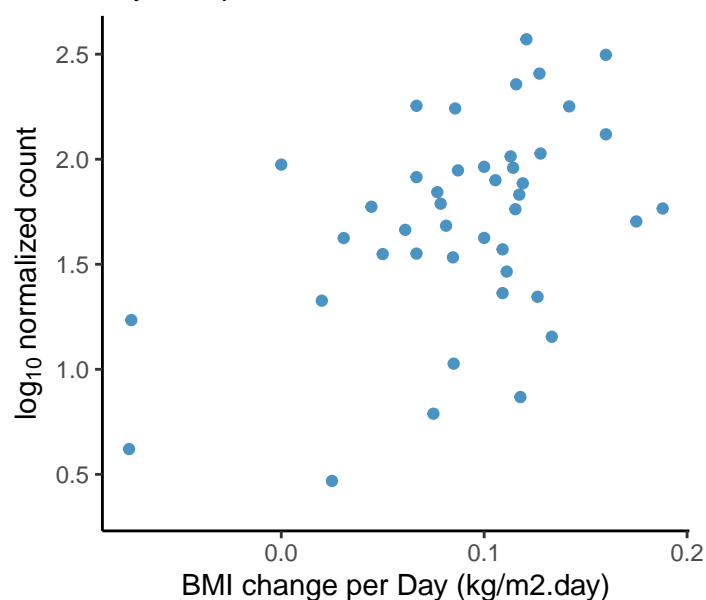
Isosphaeraceae

adjusted p = 0.03



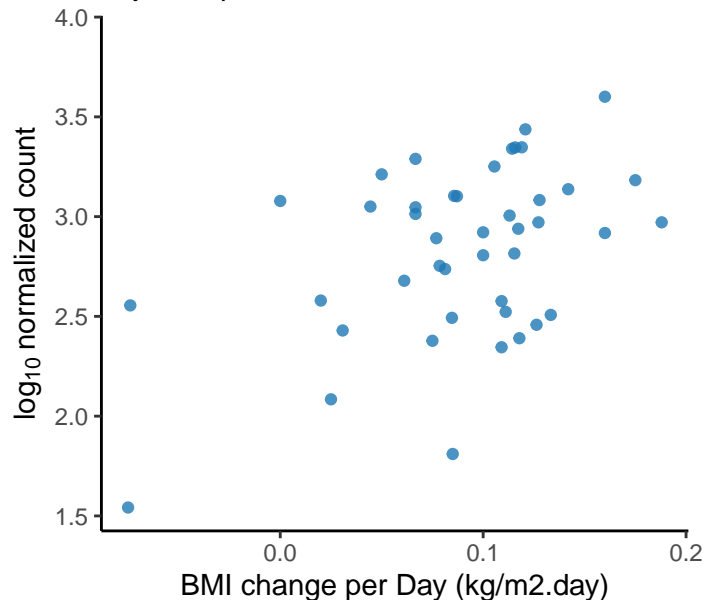
### Sporichthyaceae

adjusted p = 0.031



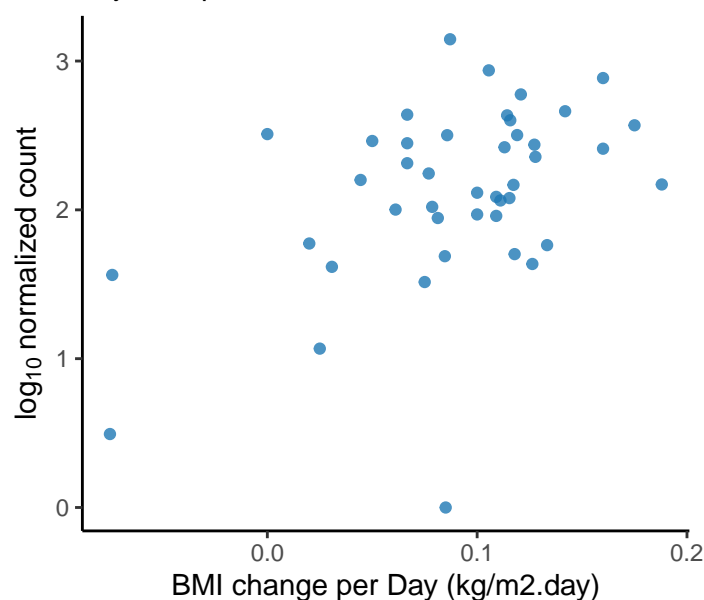
### Gordoniaceae

adjusted p = 0.0314



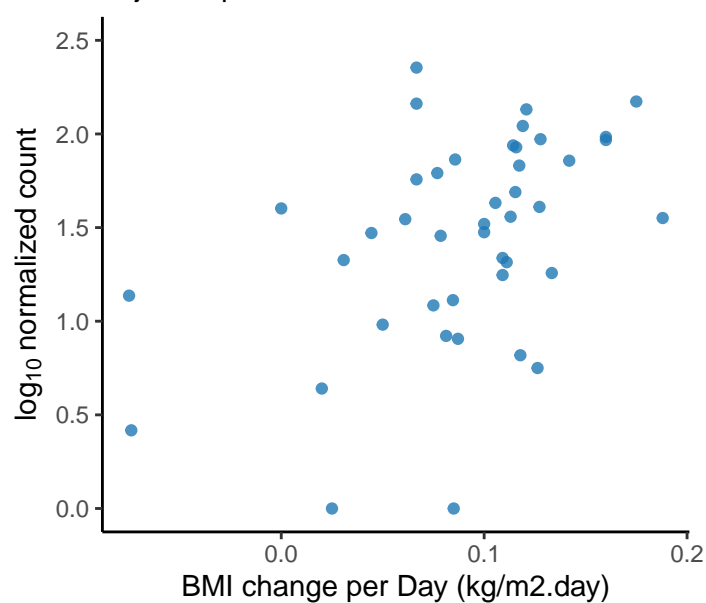
### Catenulisporaceae

adjusted p = 0.0327



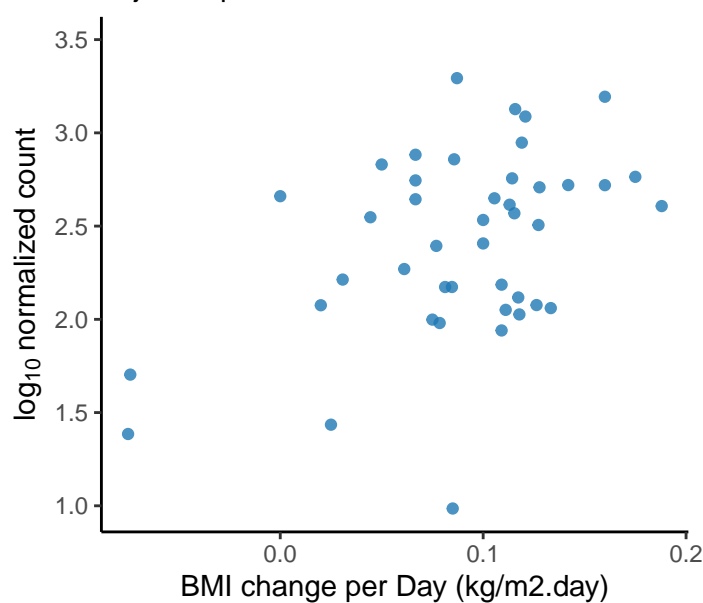
### Unclassified Candidatus Bipolaricaulota

adjusted p = 0.0338



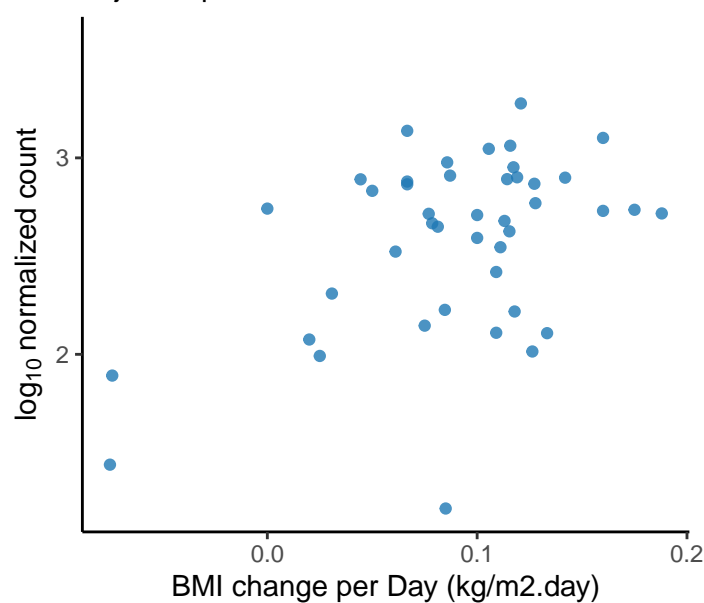
### Jiangellaceae

adjusted p = 0.0339



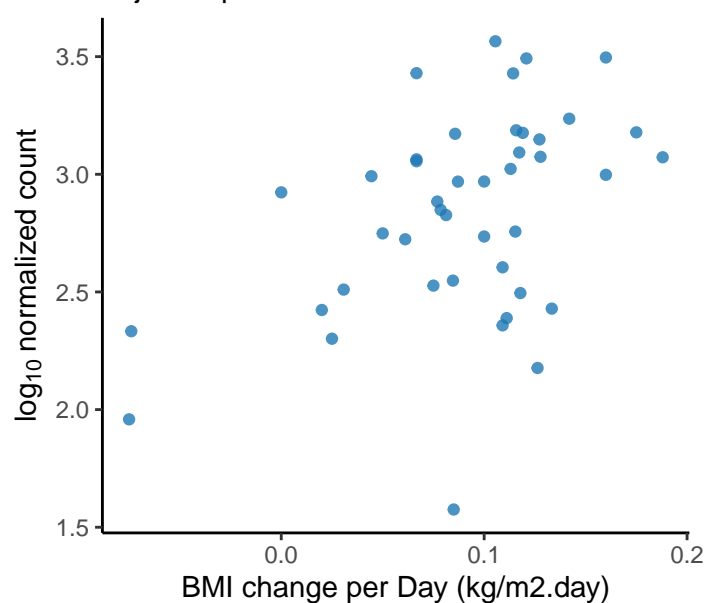
### Sterolibacteriaceae

adjusted p = 0.0339



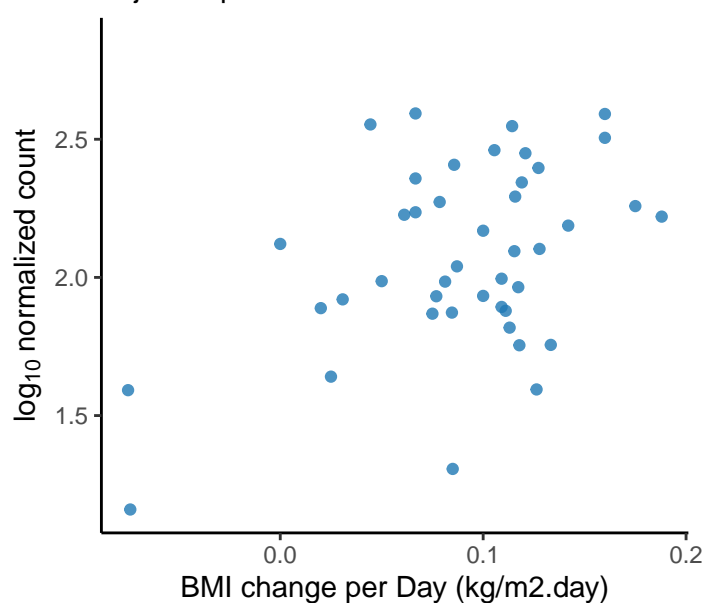
### Xanthobacteraceae

adjusted p = 0.0339



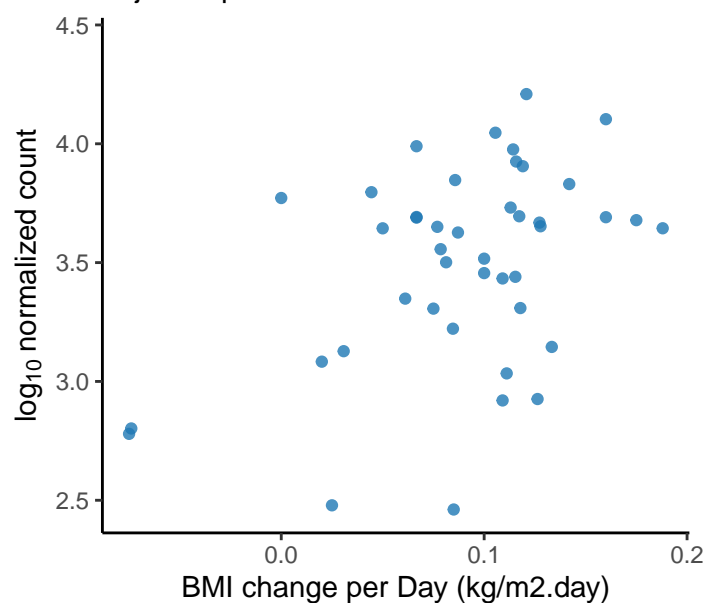
### Hahellaceae

adjusted p = 0.0354



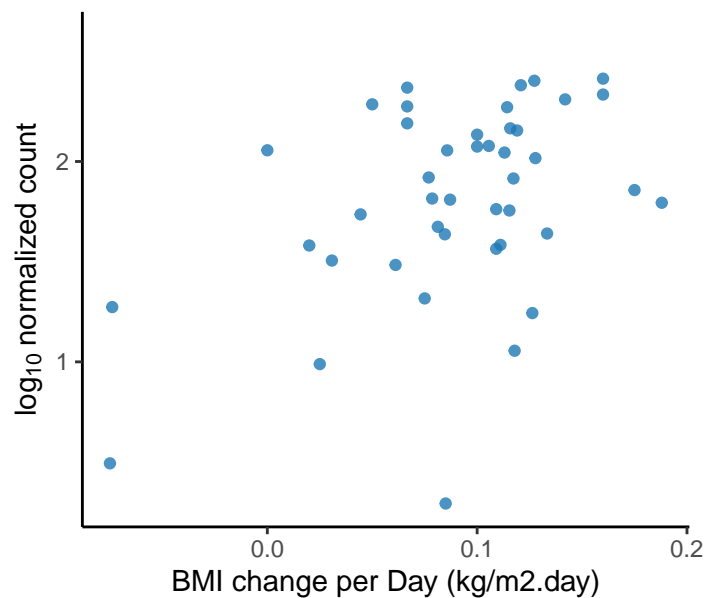
### Unclassified Burkholderiales Order

adjusted p = 0.0365



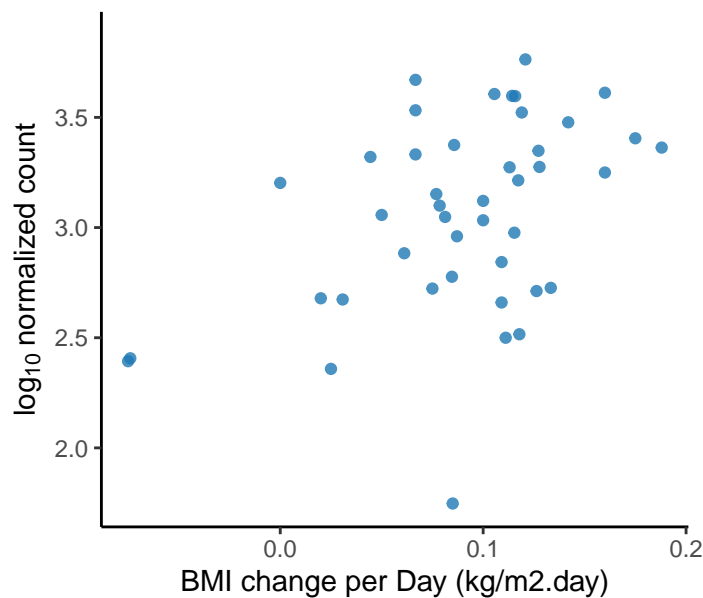
Unclassified Propionibacteriales Order

adjusted p = 0.0365



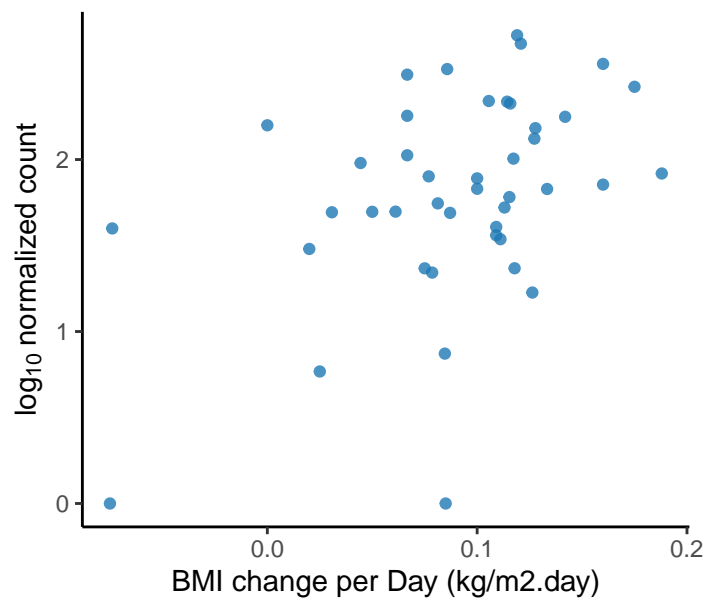
Ectothiorhodospiraceae

adjusted p = 0.0373



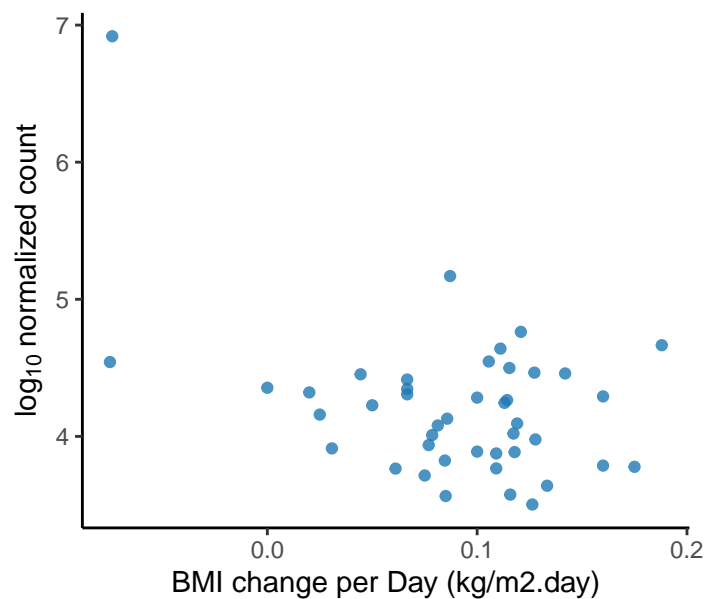
Ilumatobacteraceae

adjusted p = 0.0373



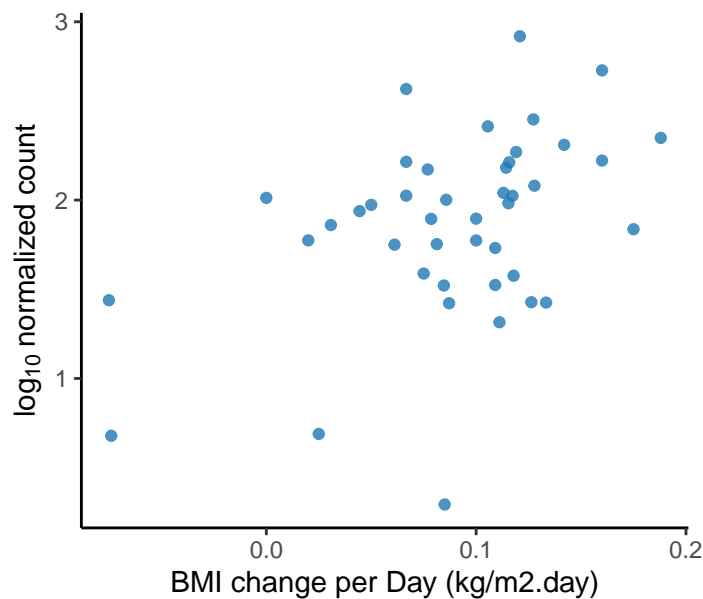
Lactobacillaceae

adjusted p = 0.0373



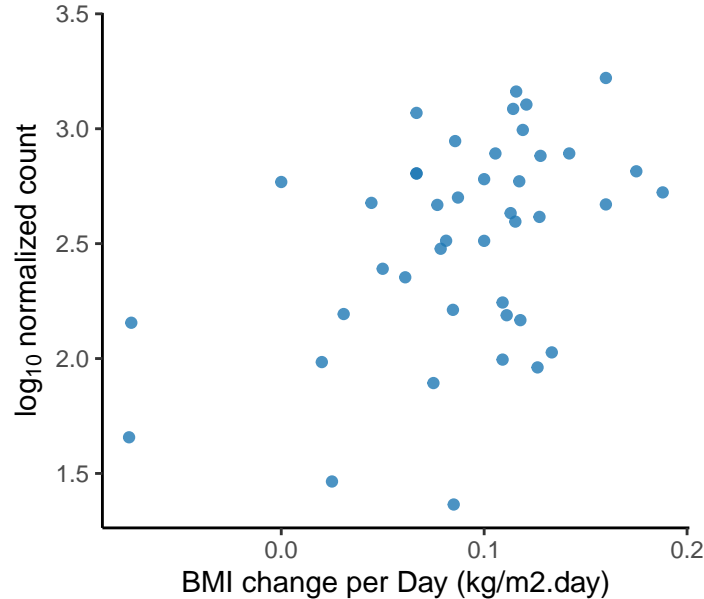
Coleofasciculaceae

adjusted p = 0.0379



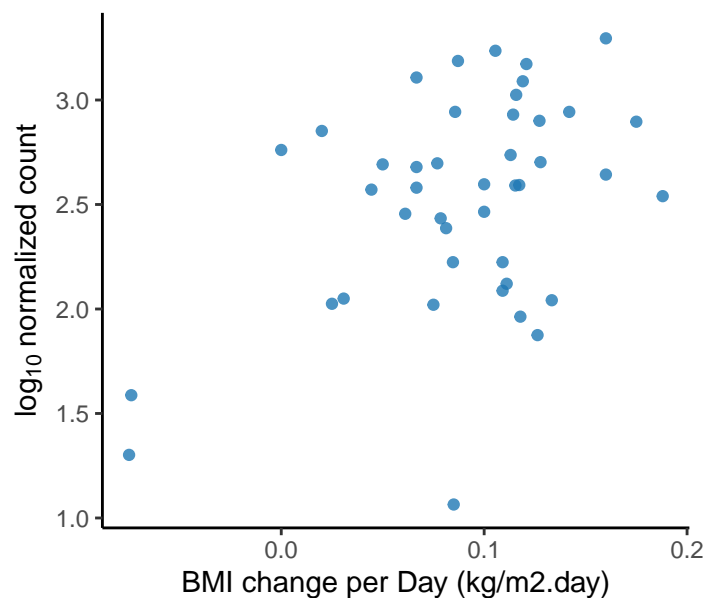
Gemmatimonadaceae

adjusted p = 0.0424



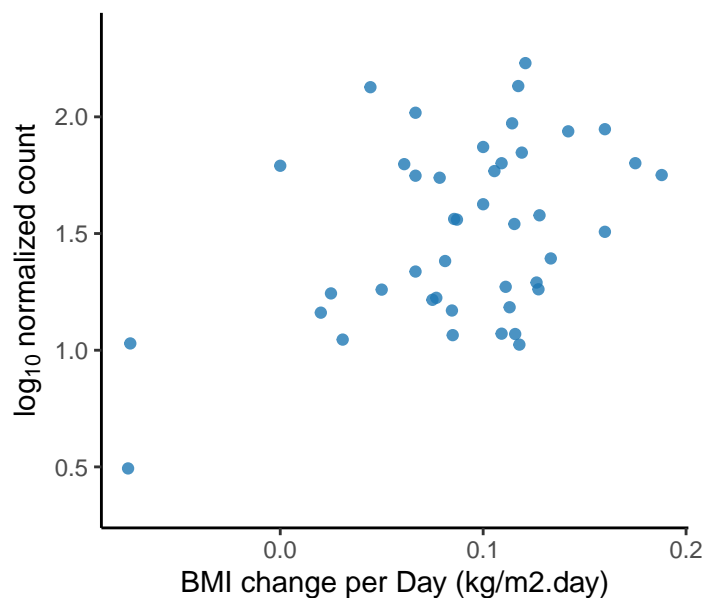
Halobacteriaceae

adjusted p = 0.0424



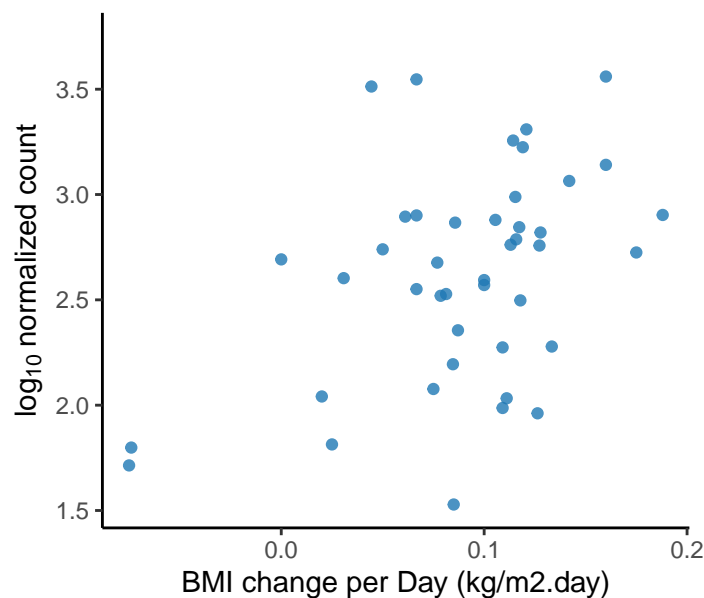
Unclassified Aquificales Order

adjusted p = 0.0424



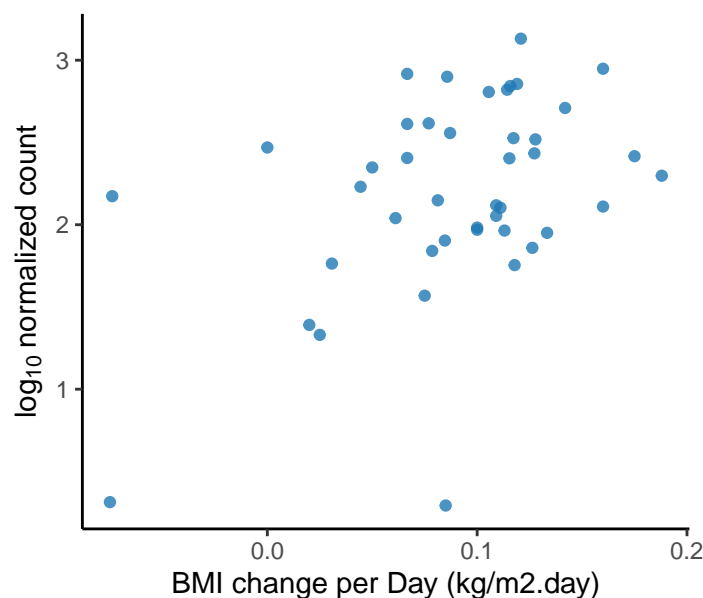
Verrucomicrobiaceae

adjusted p = 0.0424

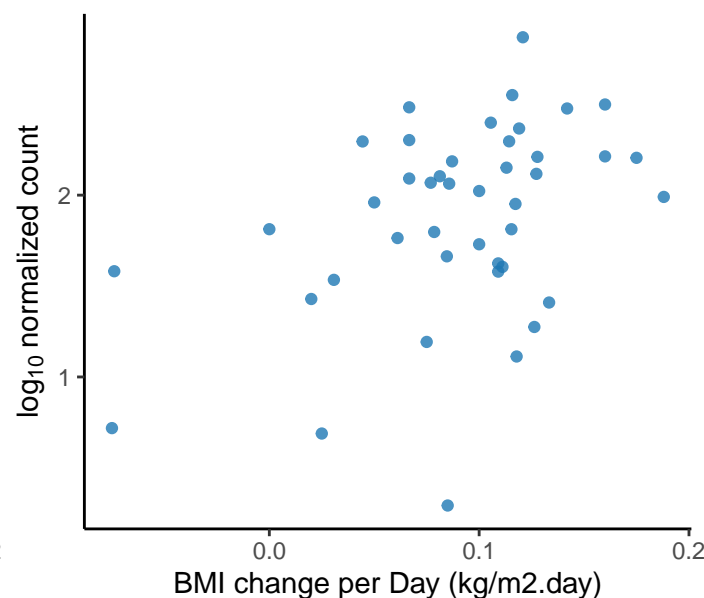


**Baekduiaceae**

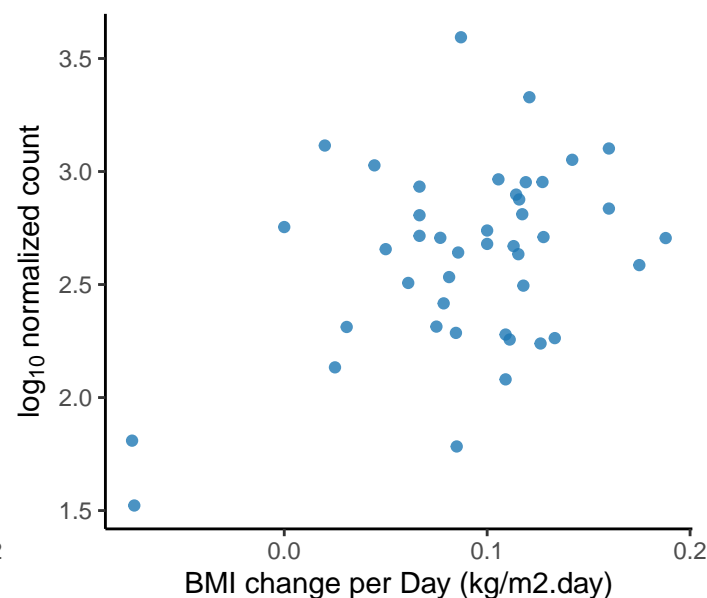
adjusted p = 0.043

**Actinopolysporaceae**

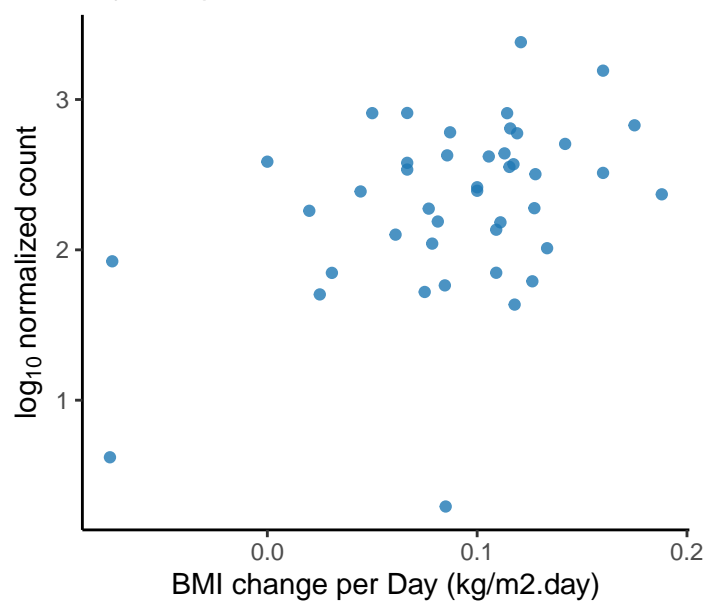
adjusted p = 0.0448

**Alcanivoracaceae**

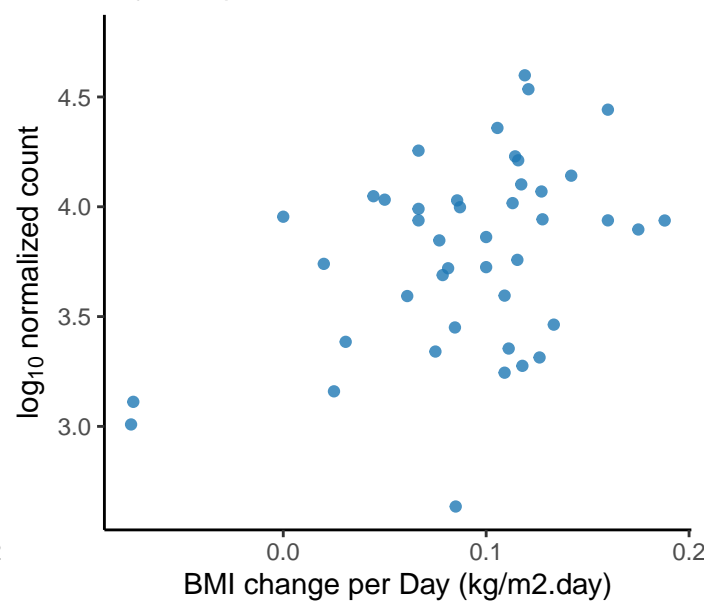
adjusted p = 0.0448

**Bogoriellaceae**

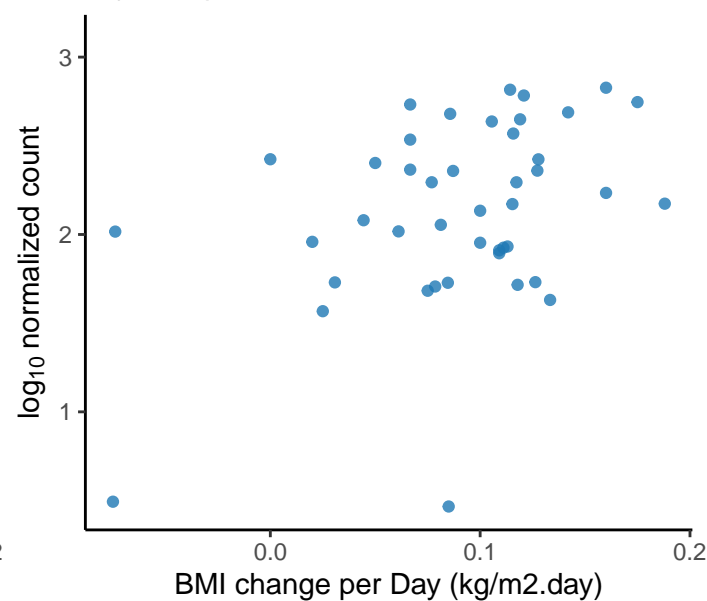
adjusted p = 0.0448

**Comamonadaceae**

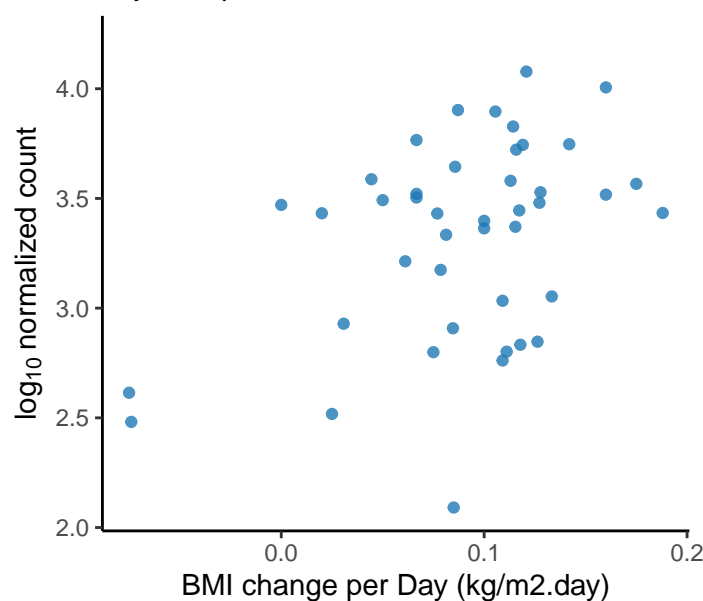
adjusted p = 0.0448

**Conexibacteraceae**

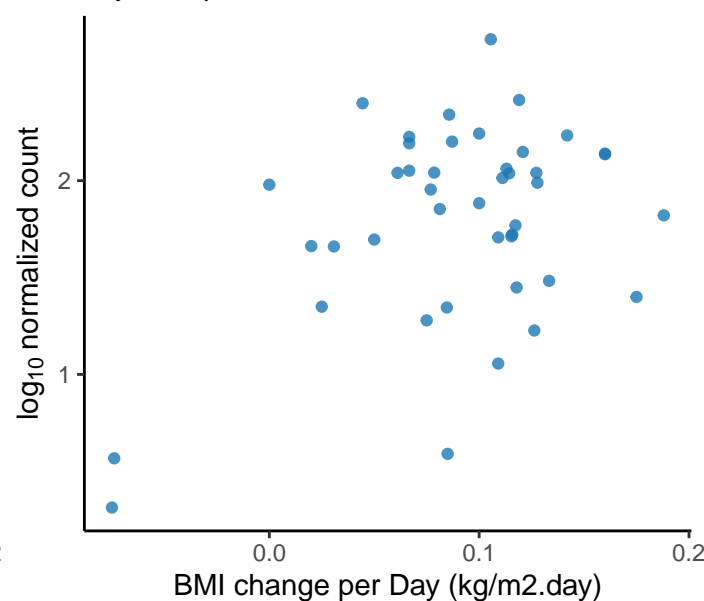
adjusted p = 0.0448

**Deinococcaceae**

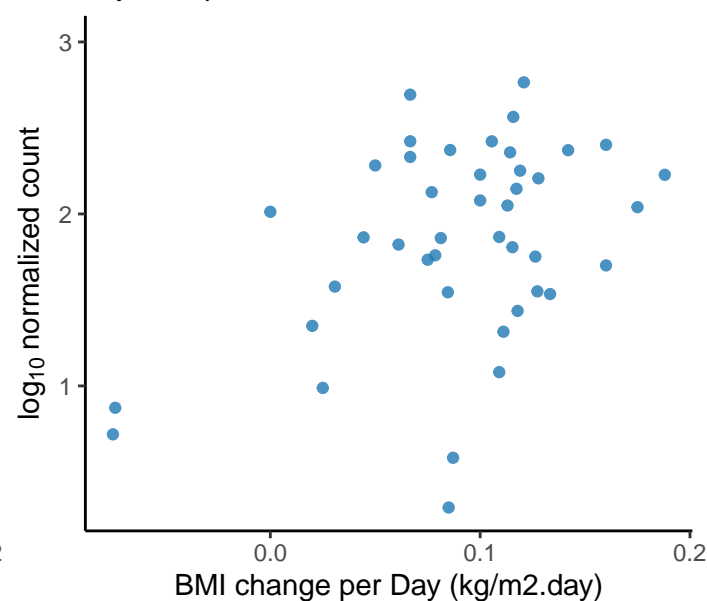
adjusted p = 0.0448

**Desulfohalobiaceae**

adjusted p = 0.0448

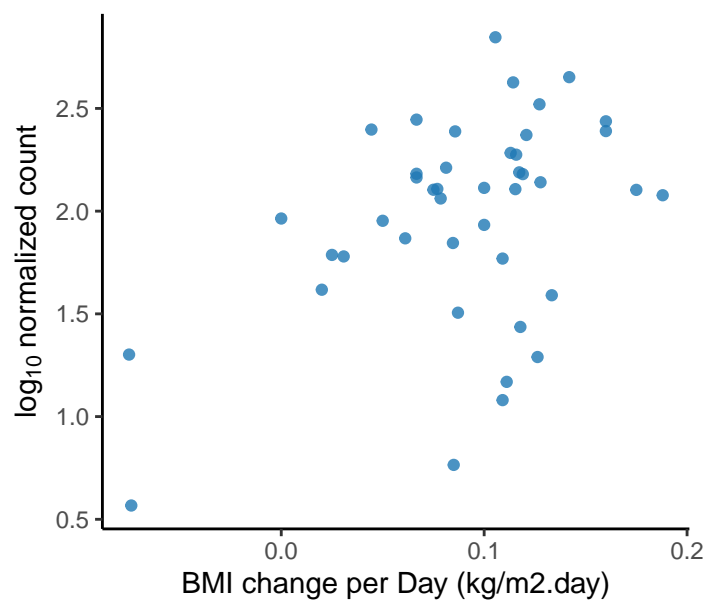
**Immundisolibacteraceae**

adjusted p = 0.0448



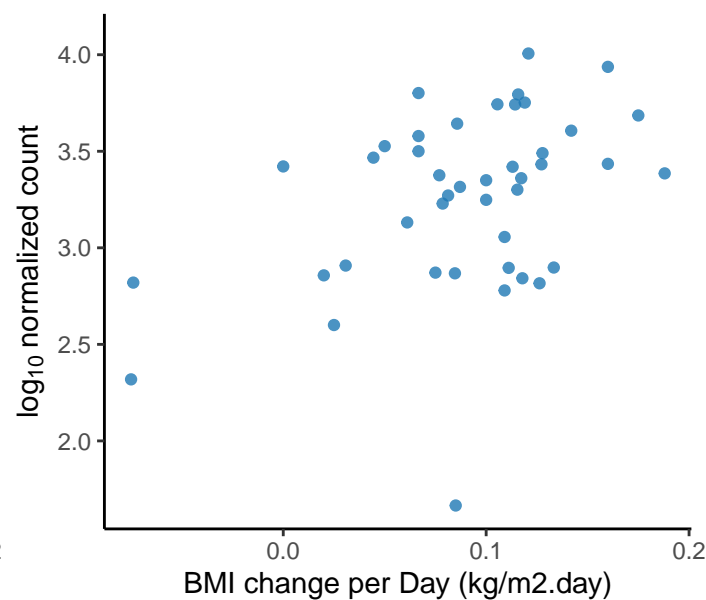
Lacipirellulaceae

adjusted p = 0.0448



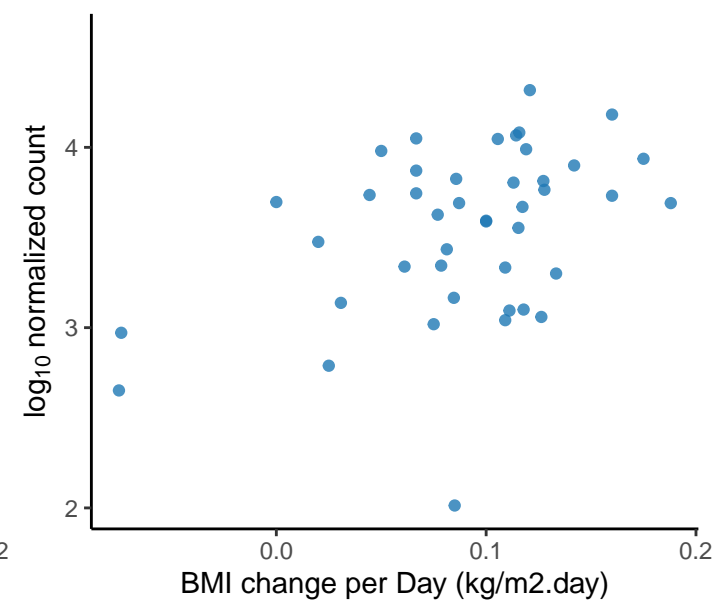
Methylobacteriaceae

adjusted p = 0.0448



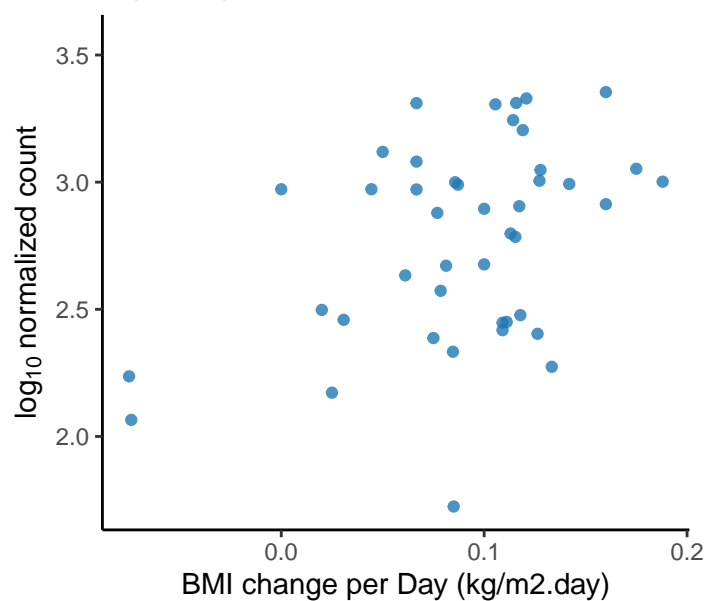
Micromonosporaceae

adjusted p = 0.0448



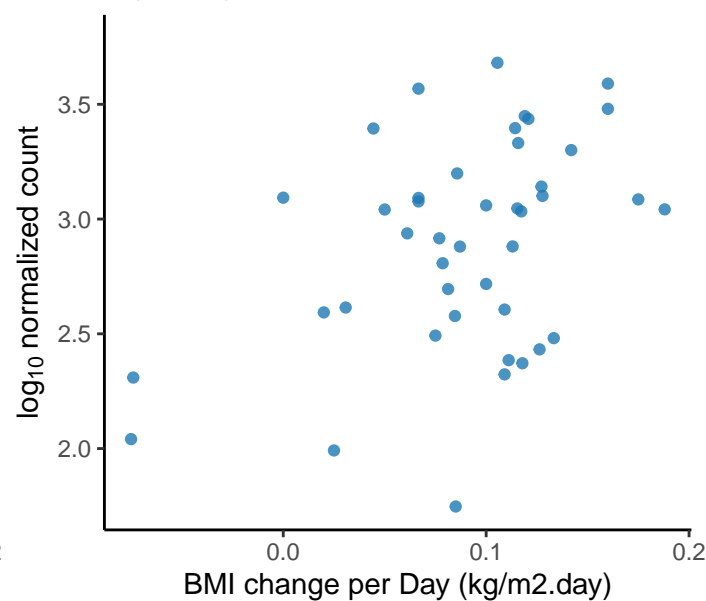
Natrialbaceae

adjusted p = 0.0448



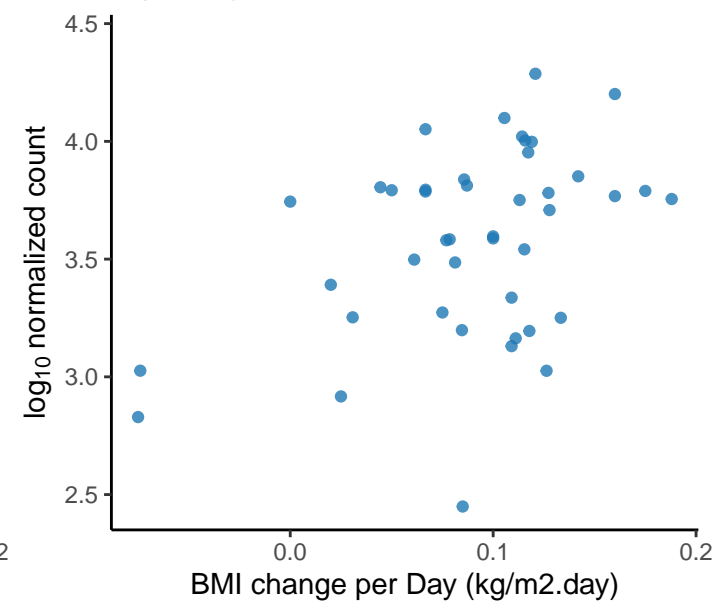
Opitutaceae

adjusted p = 0.0448



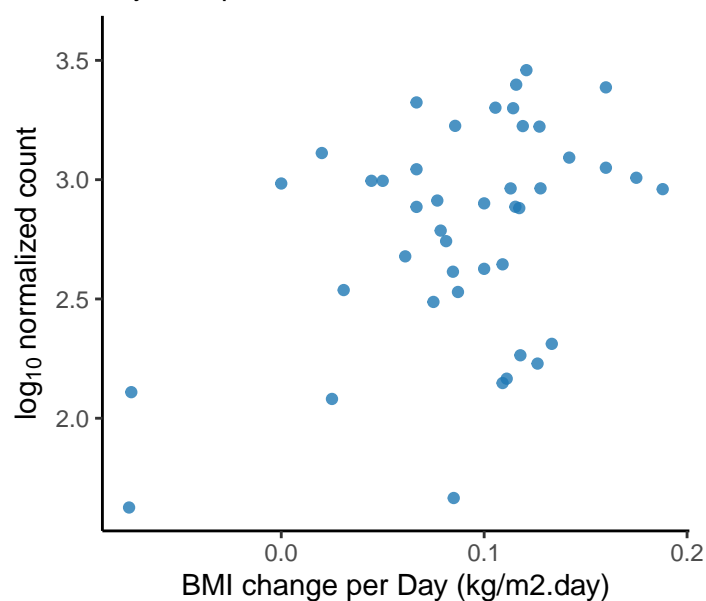
Rhodospirillaceae

adjusted p = 0.0448



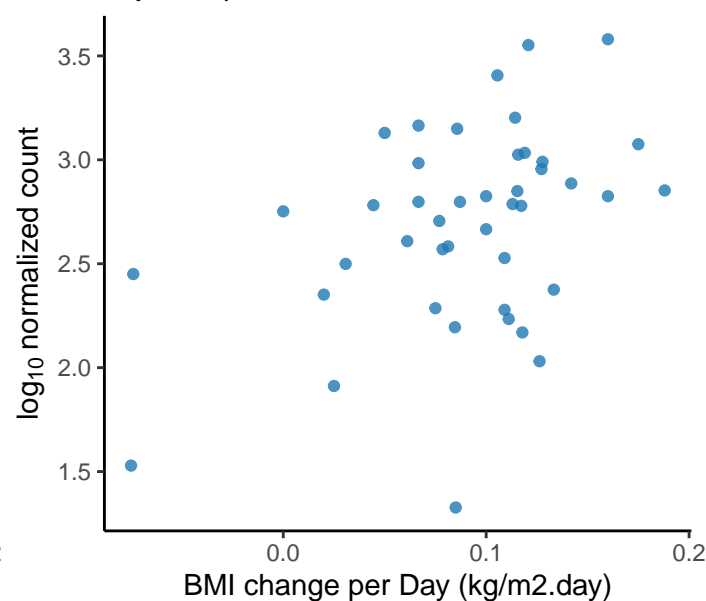
Rhodothermaceae

adjusted p = 0.0448



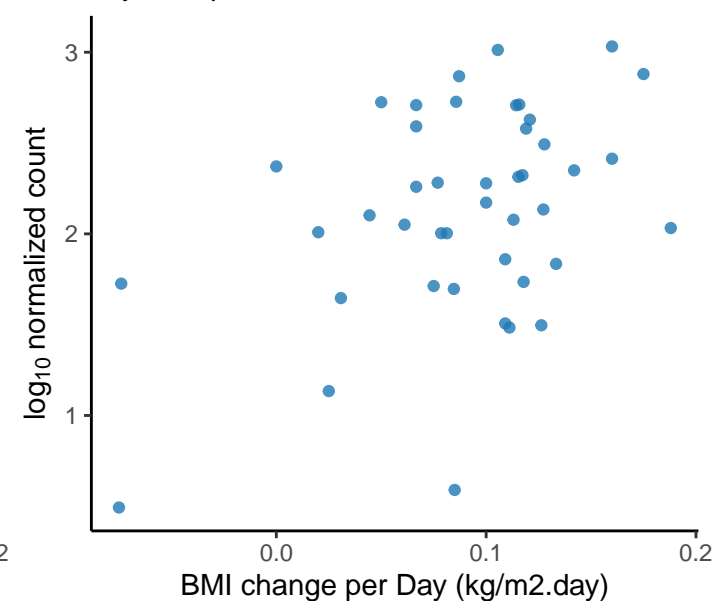
Rubrobacteraceae

adjusted p = 0.0448



Sandaracinaceae

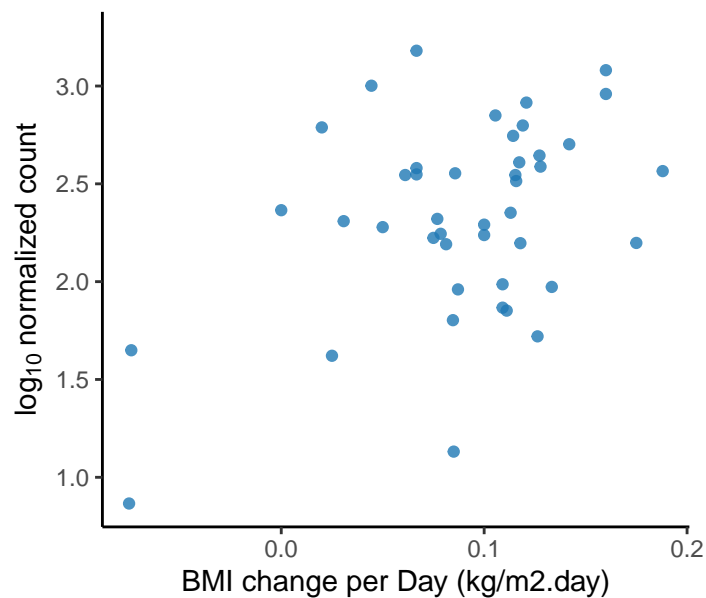
adjusted p = 0.0448





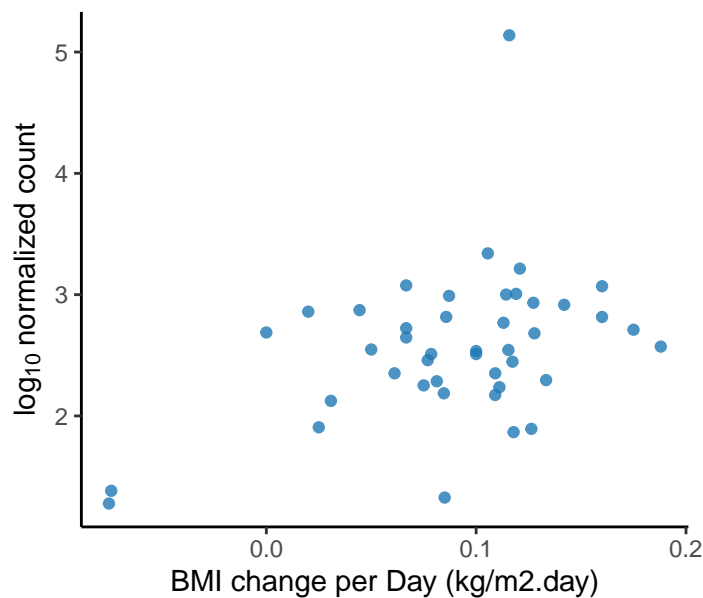
Unclassified Verrucomicrobia Phylum

adjusted p = 0.0448



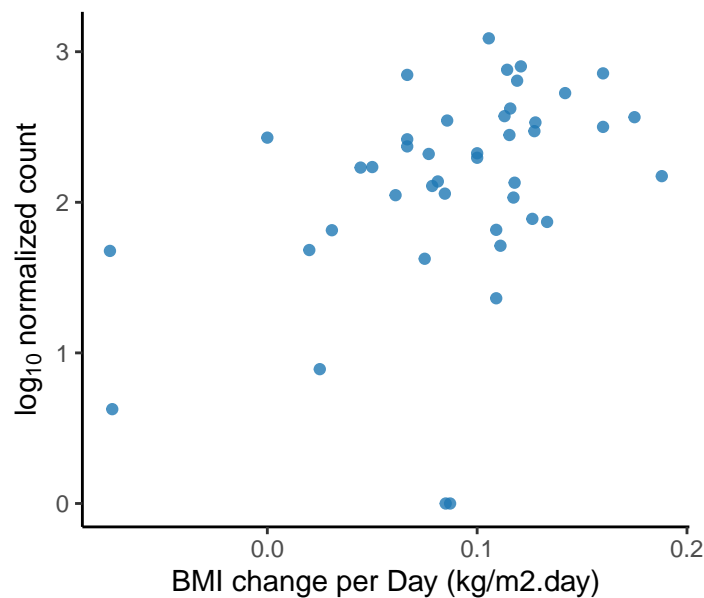
Unclassified Victivallales Order

adjusted p = 0.0448



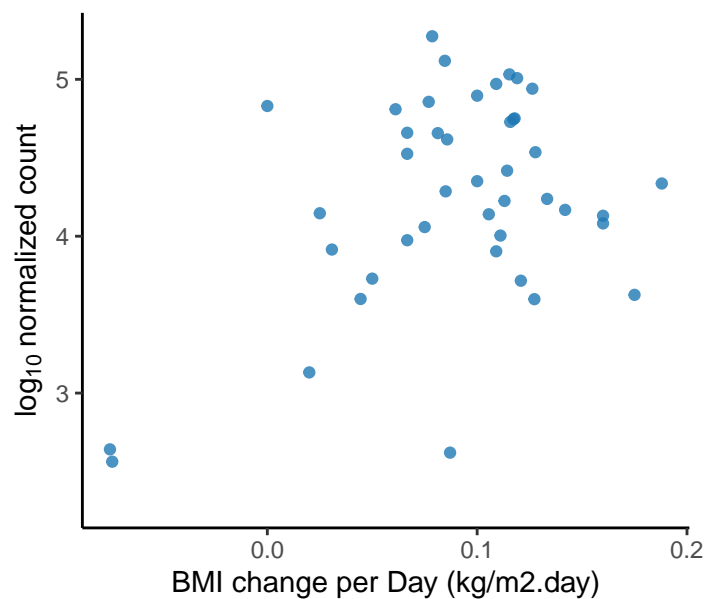
Ardenticatenaceae

adjusted p = 0.046



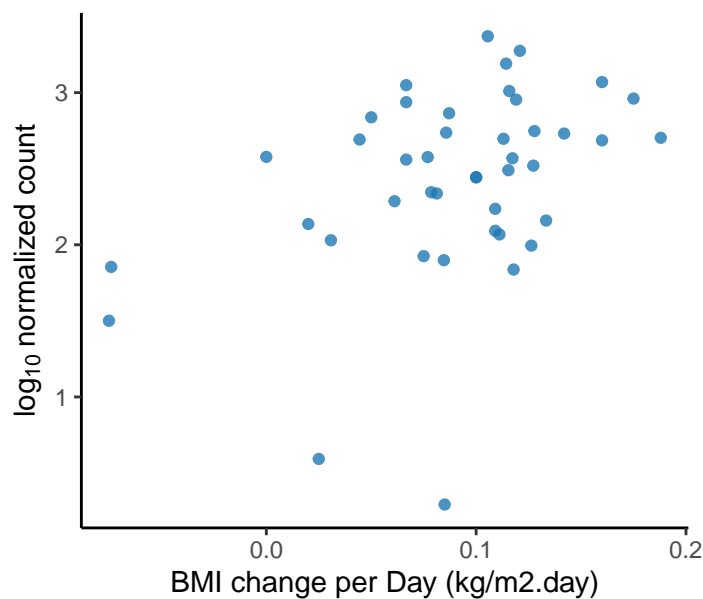
Odoribacteraceae

adjusted p = 0.046



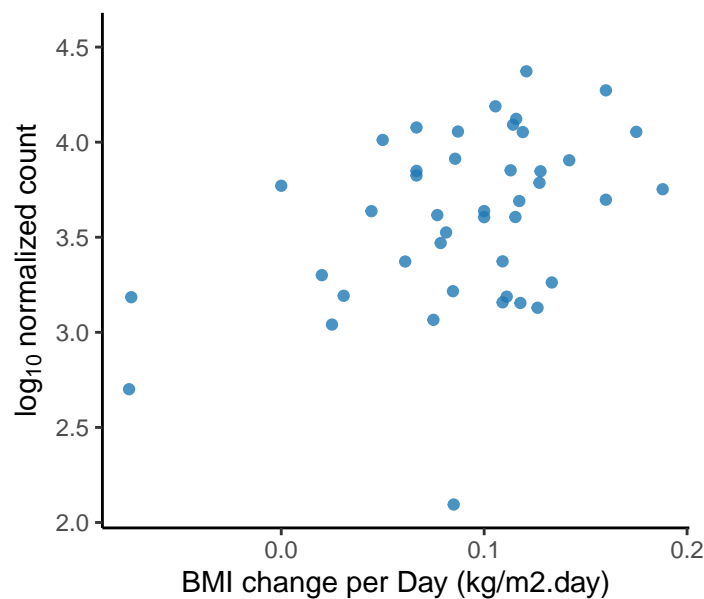
Geodermatophilaceae

adjusted p = 0.049



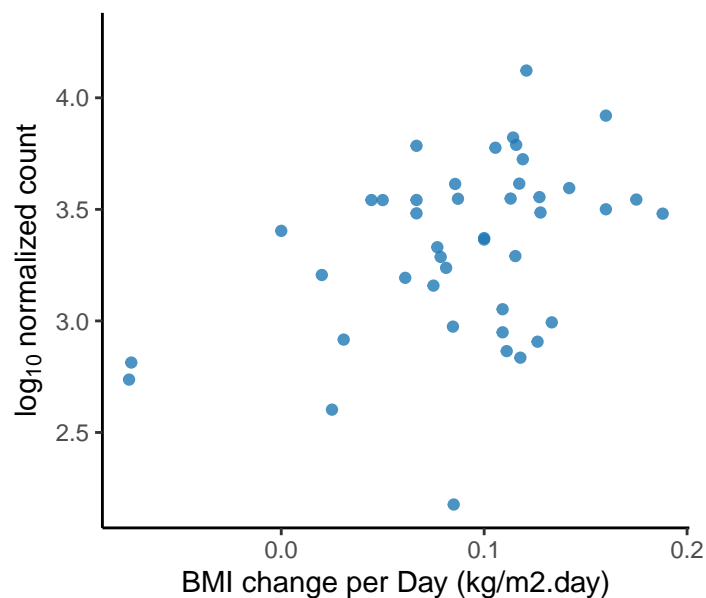
Pseudonocardiaceae

adjusted p = 0.049



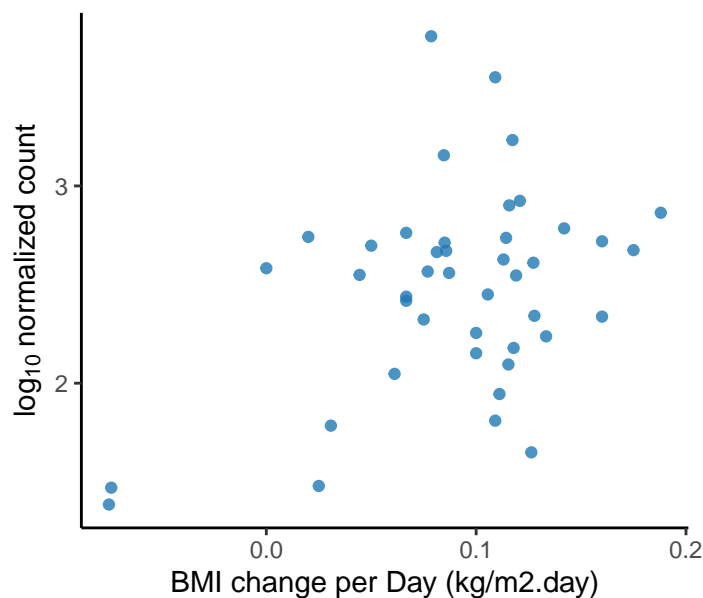
Caulobacteraceae

adjusted p = 0.0496



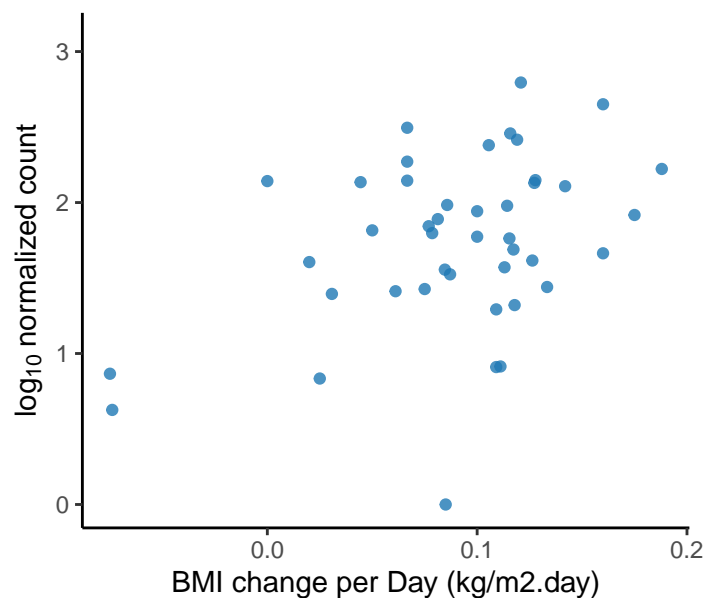
Sutterellaceae

adjusted p = 0.0496



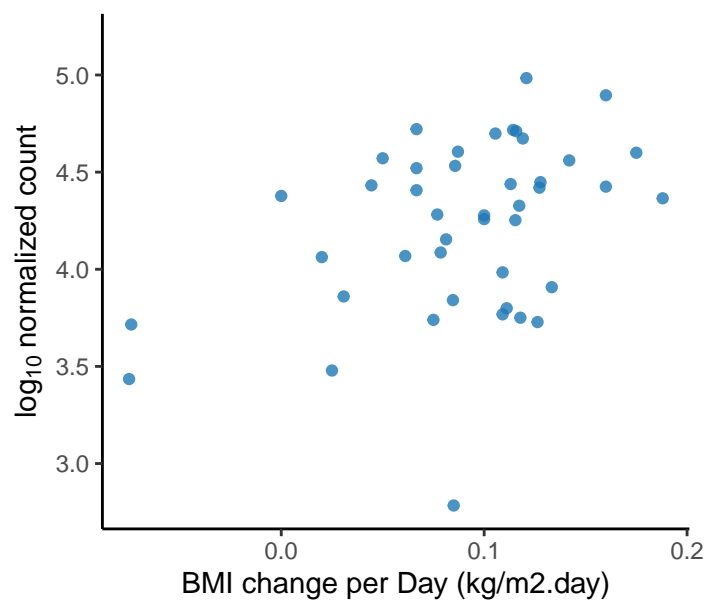
Salinisphaeraceae

adjusted p = 0.0499



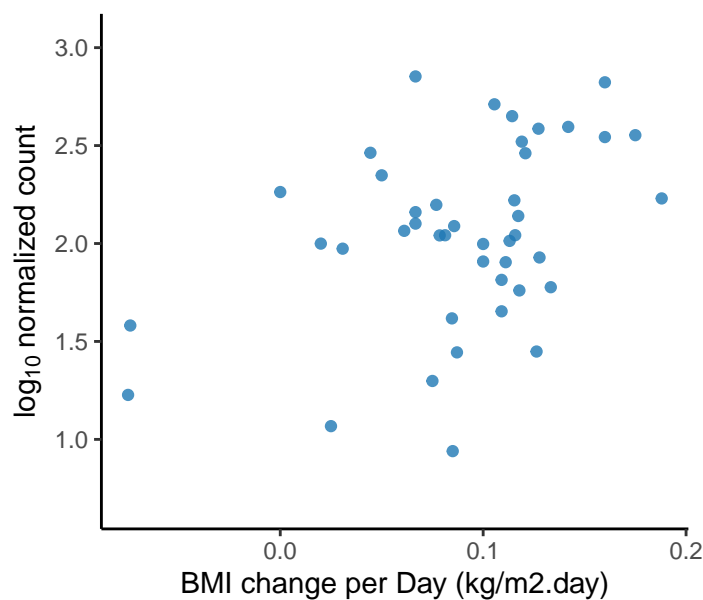
**Streptomycetaceae**

adjusted p = 0.0499



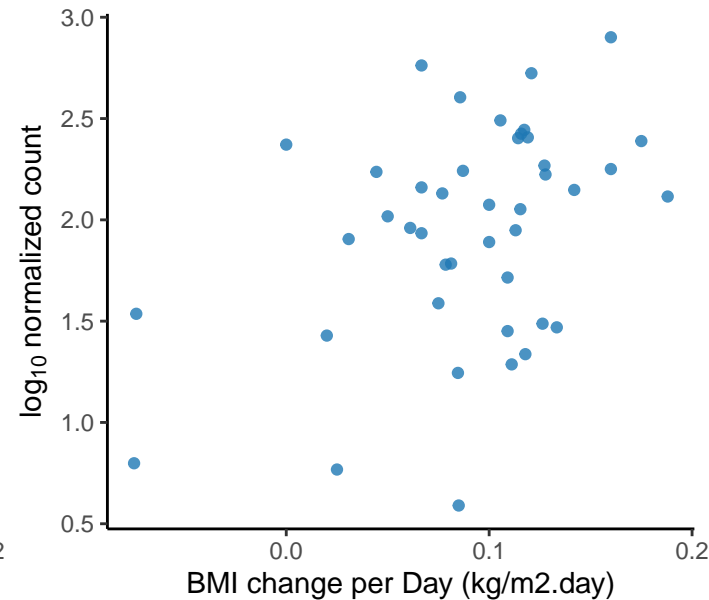
**Unclassified Planctomycetales Order**

adjusted p = 0.0499



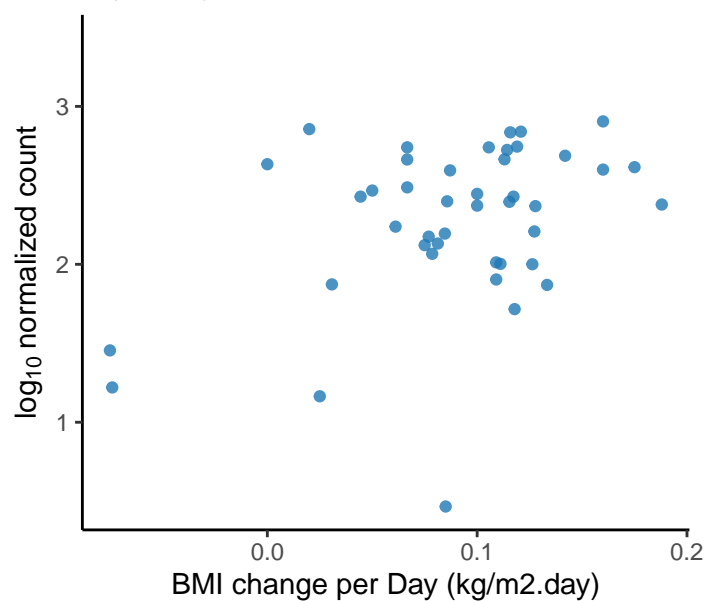
**Lamiaceae**

adjusted p = 0.0507



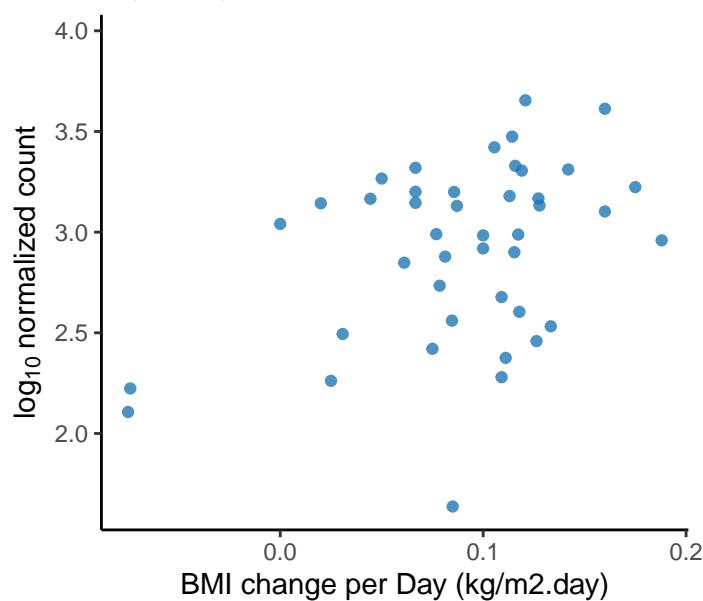
**Ruaniaceae**

adjusted p = 0.052



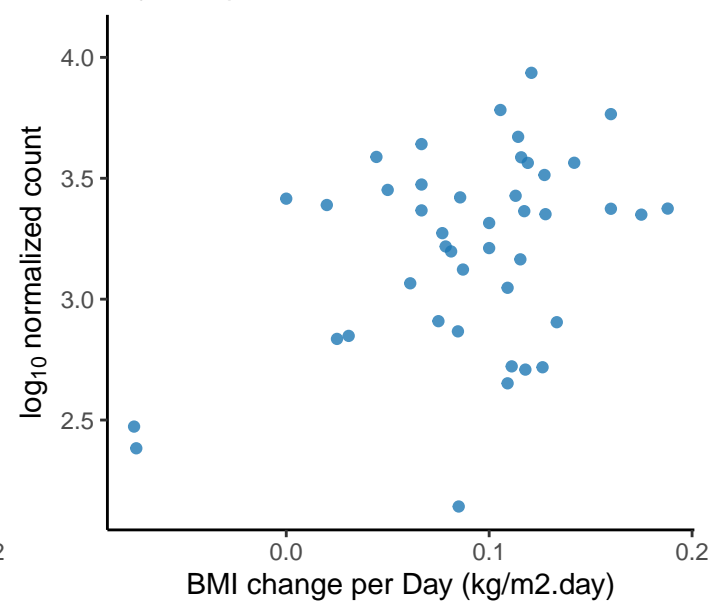
**Archangiaceae**

adjusted p = 0.0551



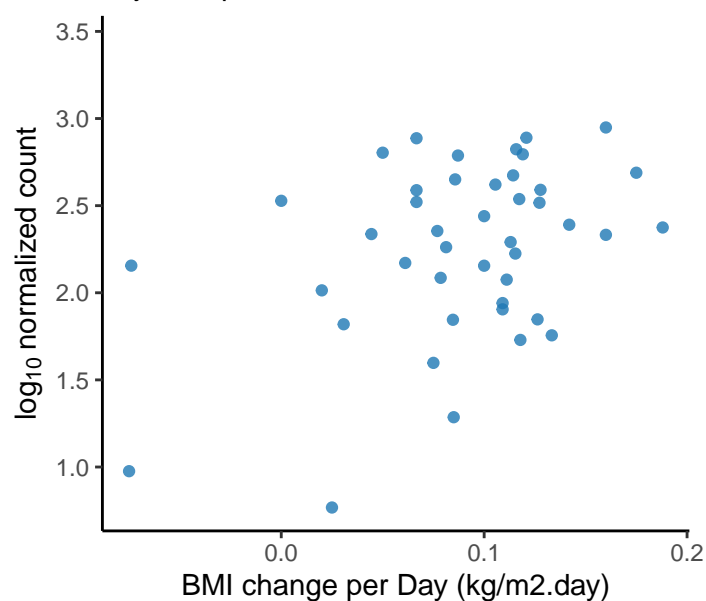
**Chromobacteriaceae**

adjusted p = 0.0551



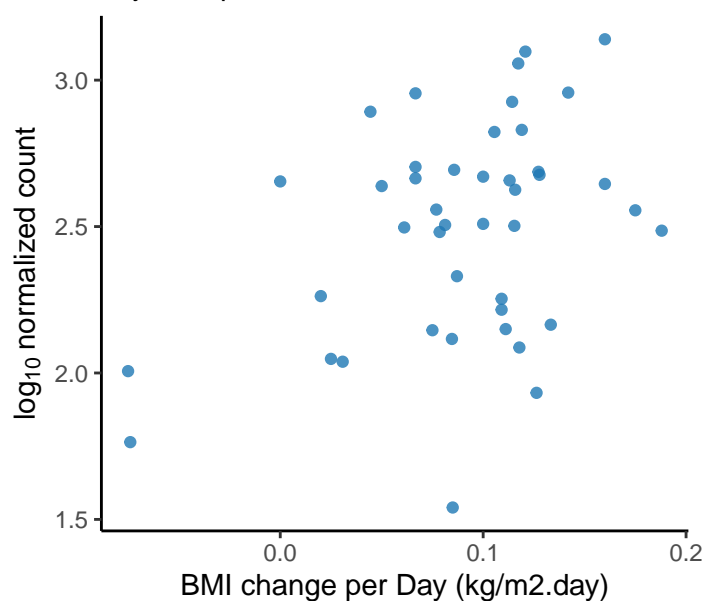
**Dermacoccaceae**

adjusted p = 0.0551



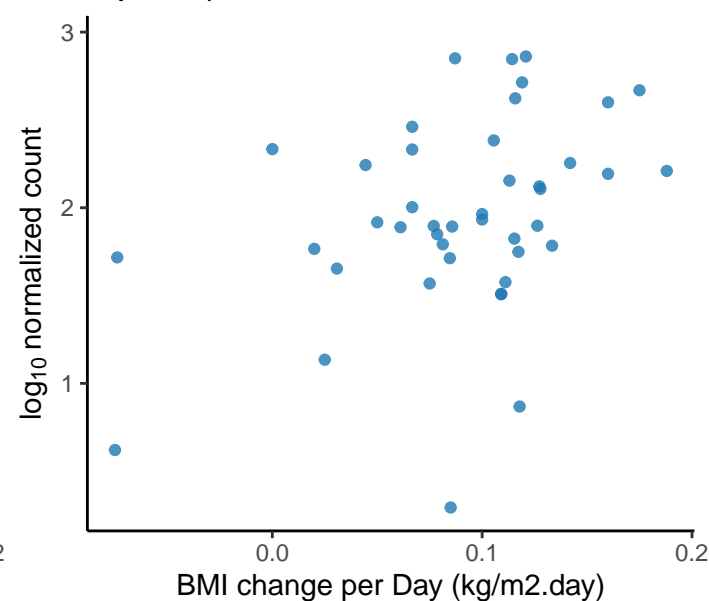
**Hyphomonadaceae**

adjusted p = 0.0551



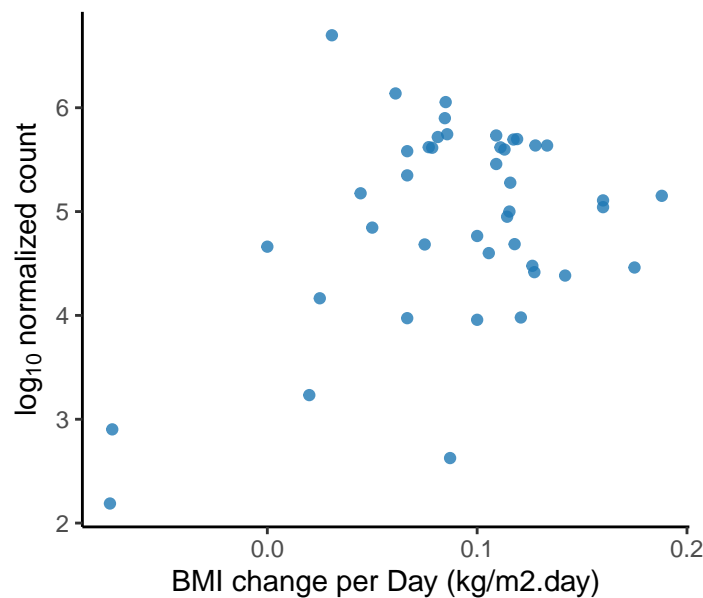
**Kineosporiaceae**

adjusted p = 0.0551



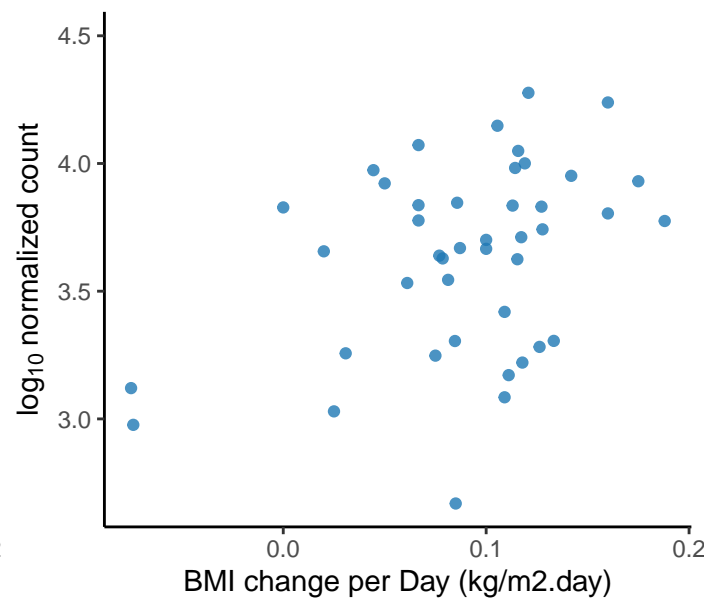
### Tannerellaceae

adjusted p = 0.0551



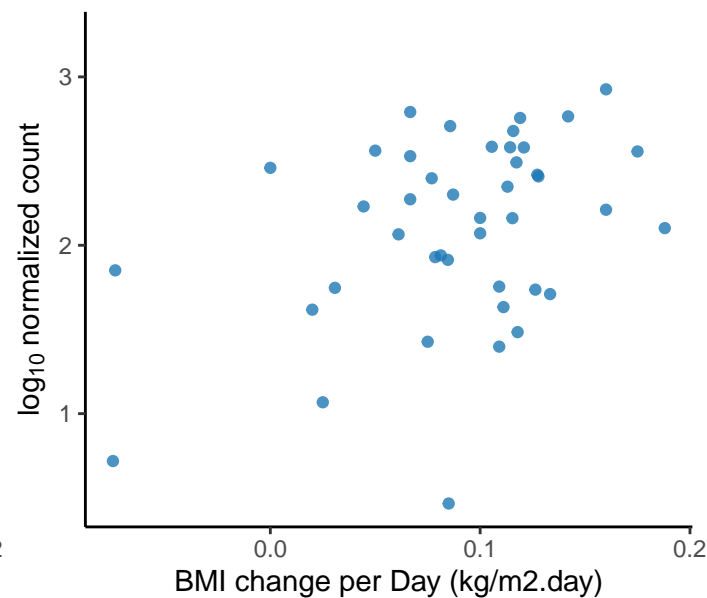
### Alcaligenaceae

adjusted p = 0.0551



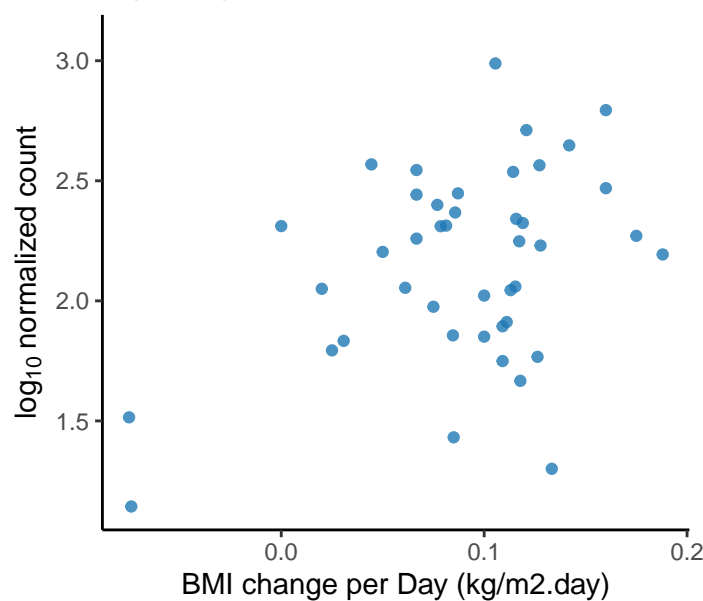
### Sanguibacteraceae

adjusted p = 0.0551



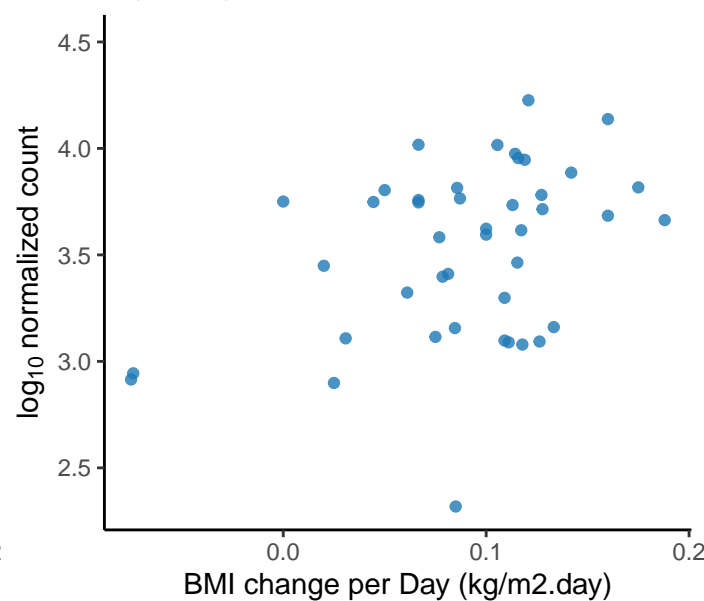
### Cardiobacteriaceae

adjusted p = 0.0557



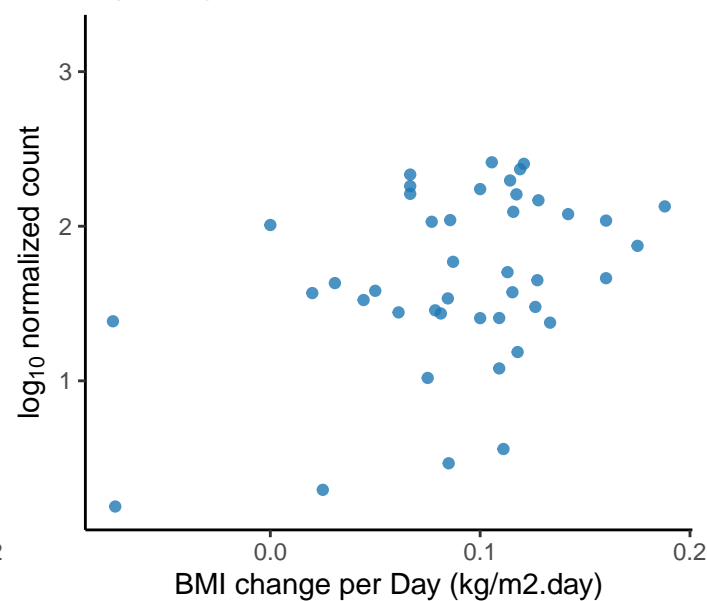
### Nocardiaceae

adjusted p = 0.0561



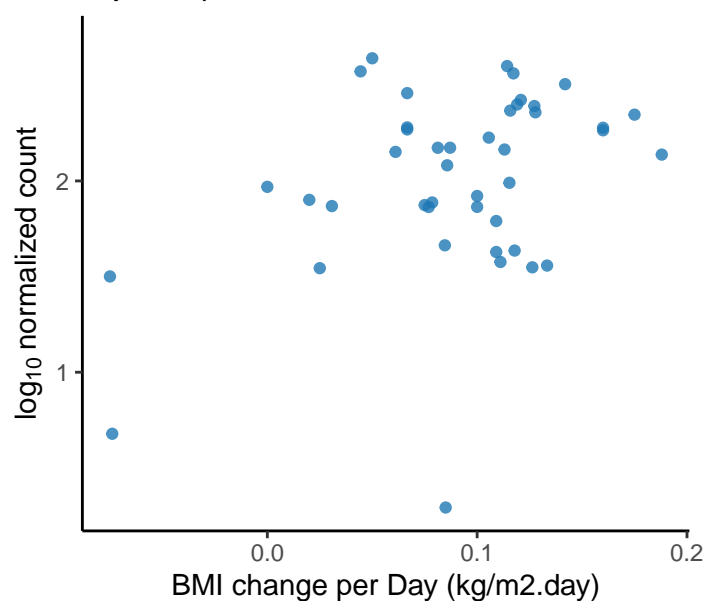
### Segniliparaceae

adjusted p = 0.0561



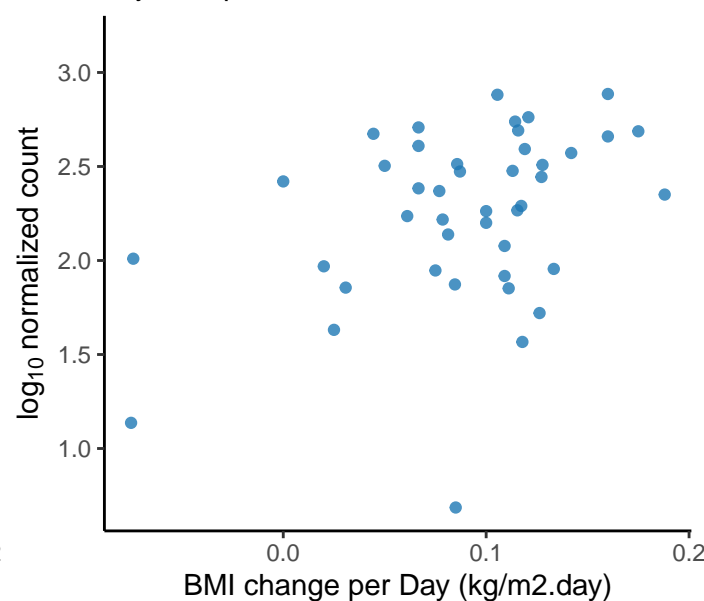
### Unclassified Armatimonadetes Phylum

adjusted p = 0.0561



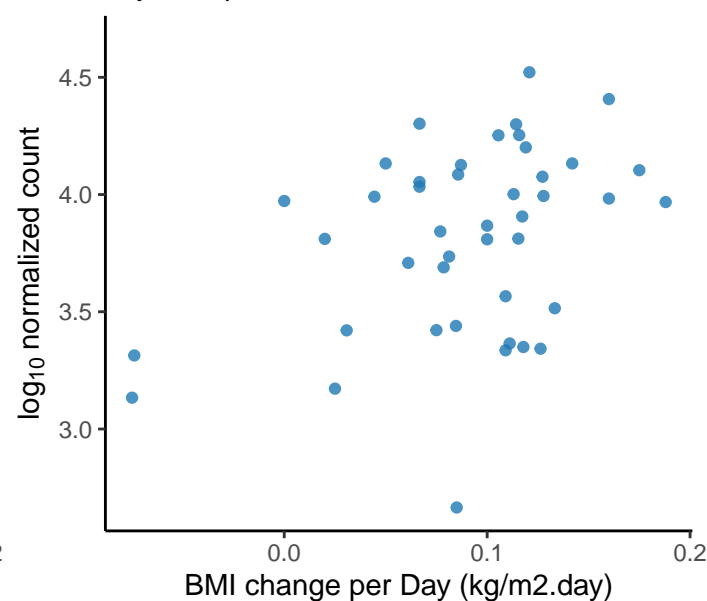
### Unclassified Bradymonadales Order

adjusted p = 0.0561



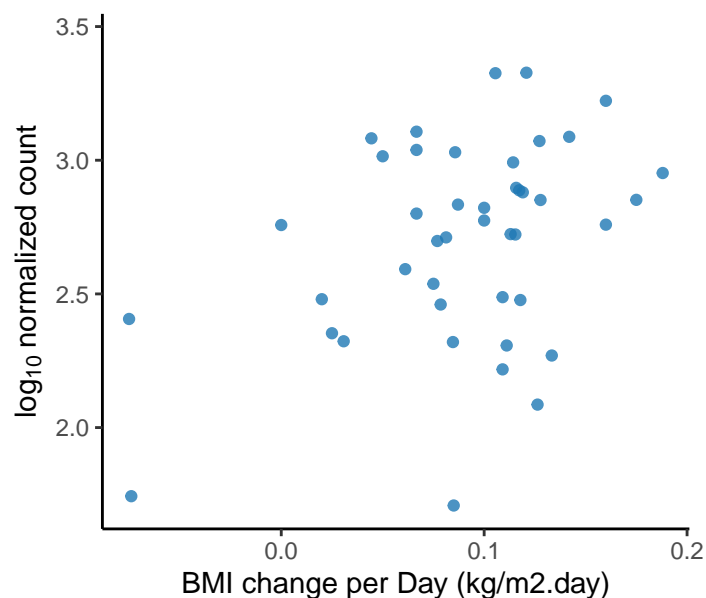
### Mycobacteriaceae

adjusted p = 0.0569



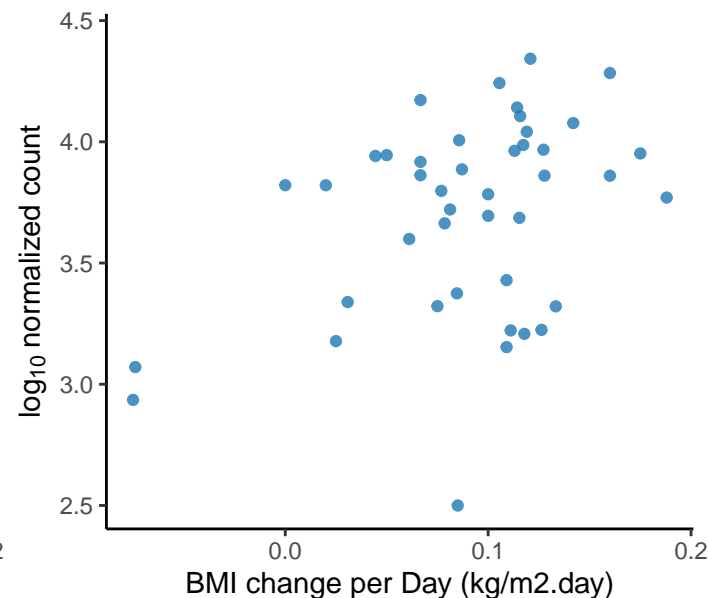
### Anaerolineaceae

adjusted p = 0.0572



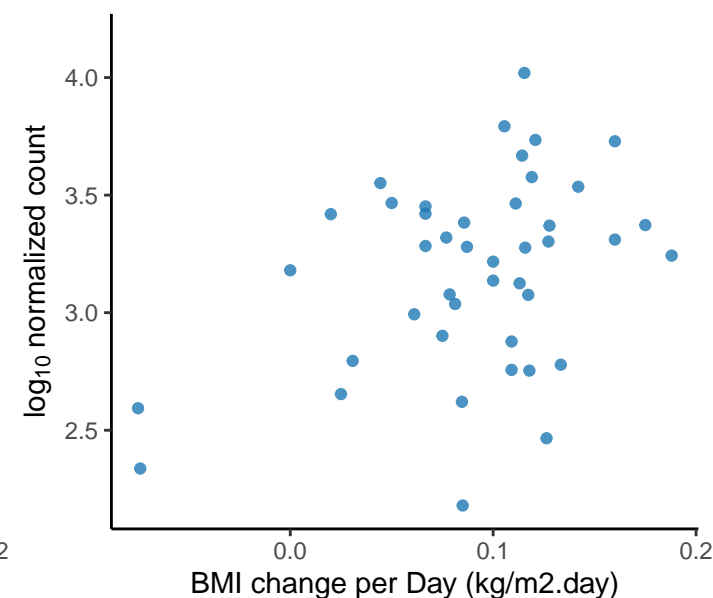
### Sphingomonadaceae

adjusted p = 0.0572



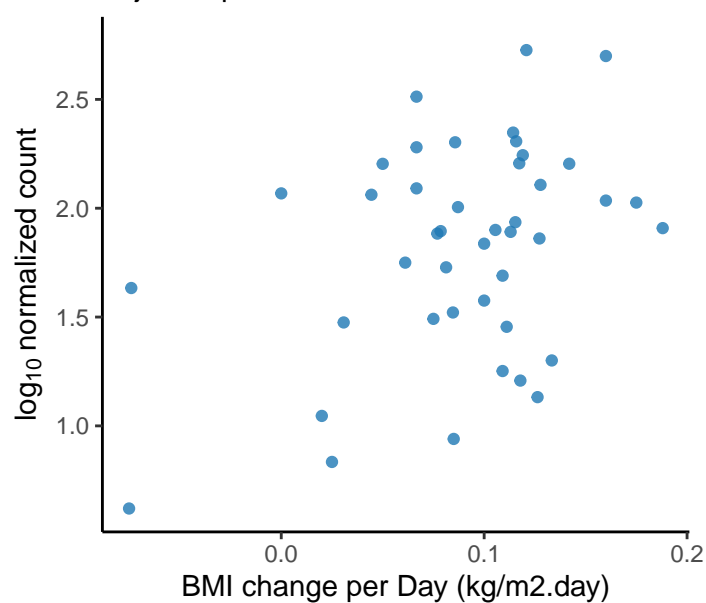
### Synergistaceae

adjusted p = 0.0572



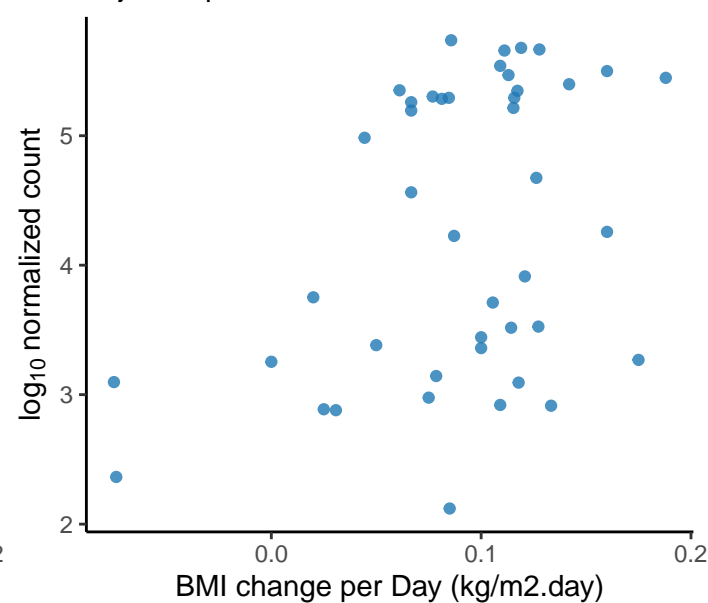
### Unclassified Xanthomonadales Order

adjusted p = 0.0572



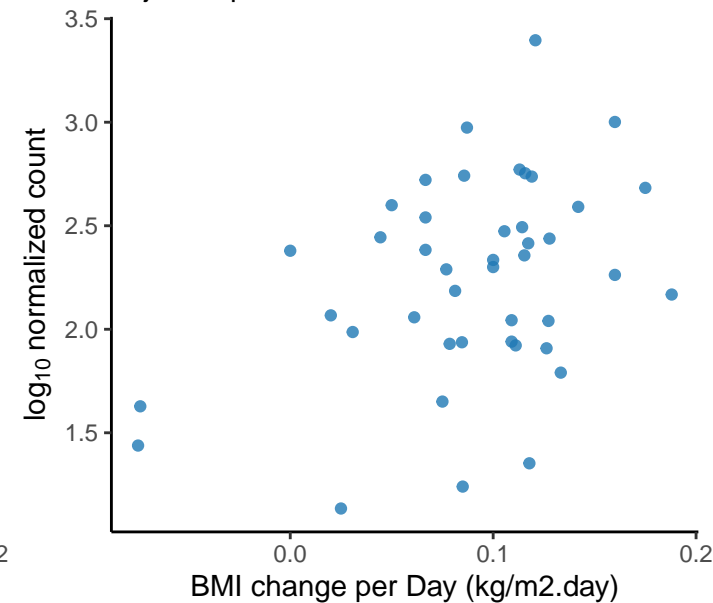
### Acidaminococcaceae

adjusted p = 0.0573



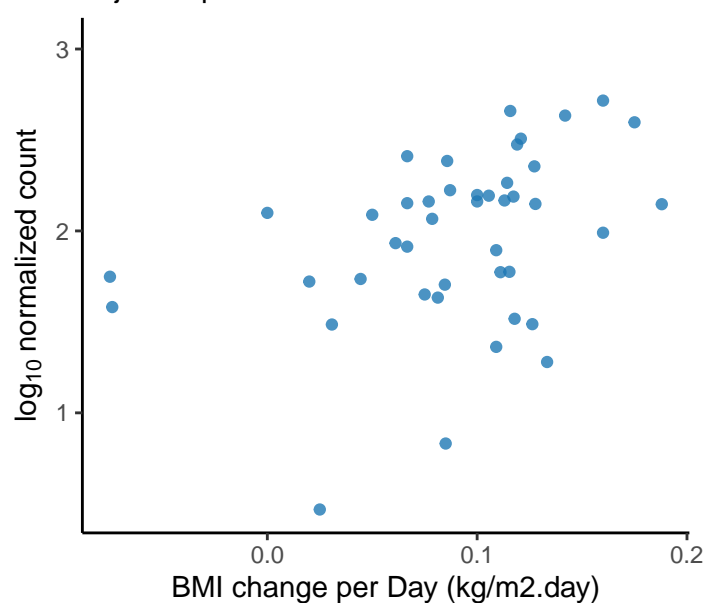
### Beutenbergiaceae

adjusted p = 0.0584



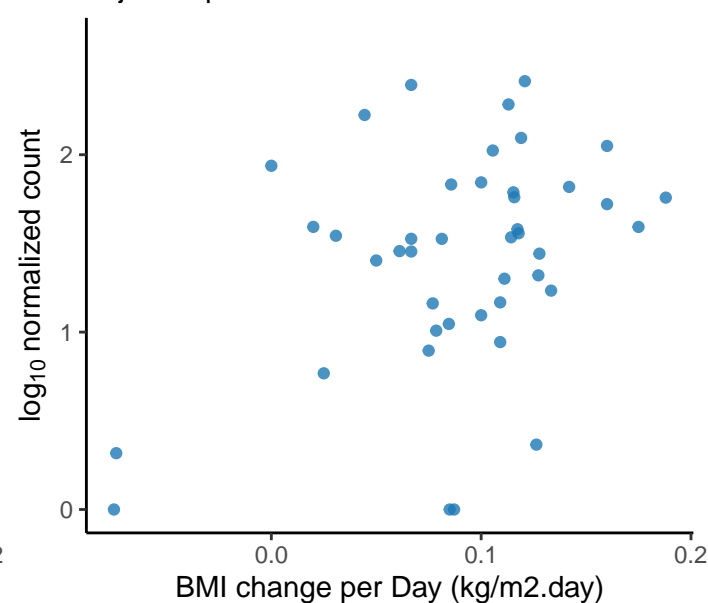
### Thioalkalibacteraceae

adjusted p = 0.0584



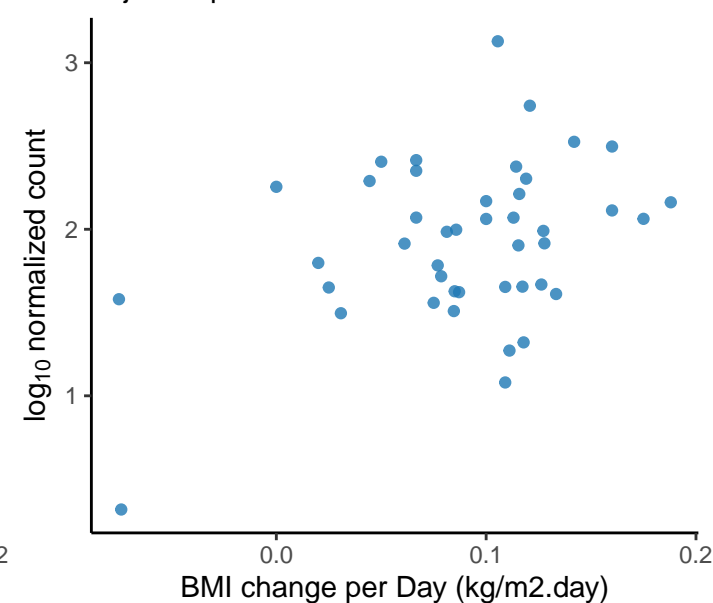
### Unclassified Planctomycetia Class

adjusted p = 0.0584



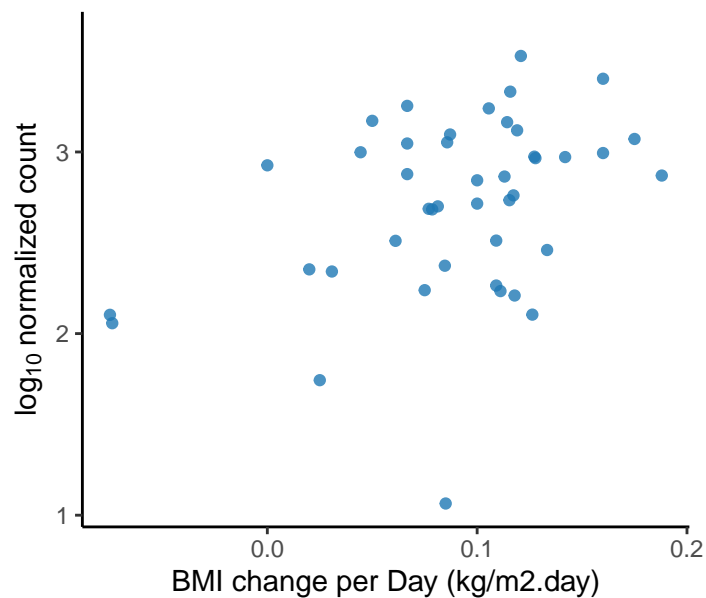
### Ktedonosporobacteraceae

adjusted p = 0.0592



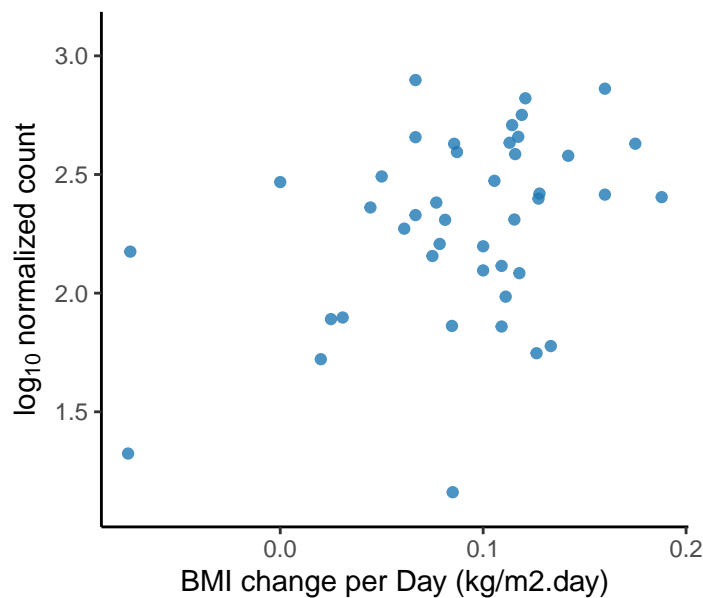
### Nocardiopsaceae

adjusted p = 0.0592



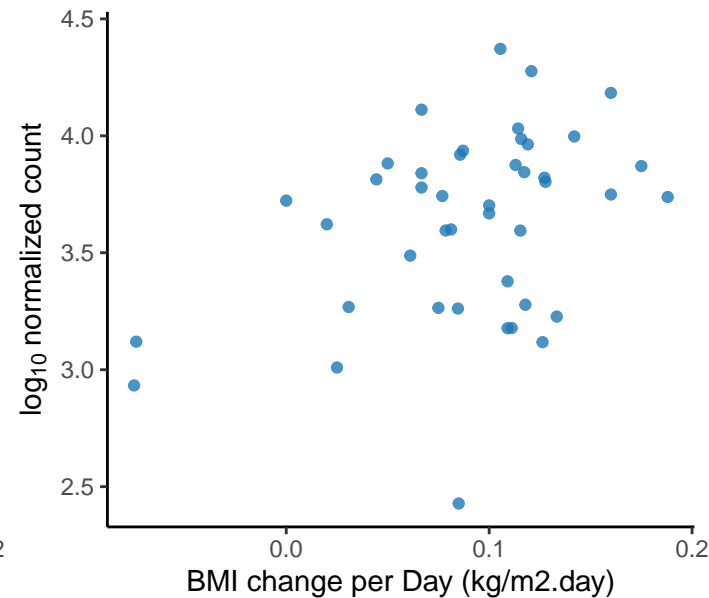
### Acidiferrobacteraceae

adjusted p = 0.0595



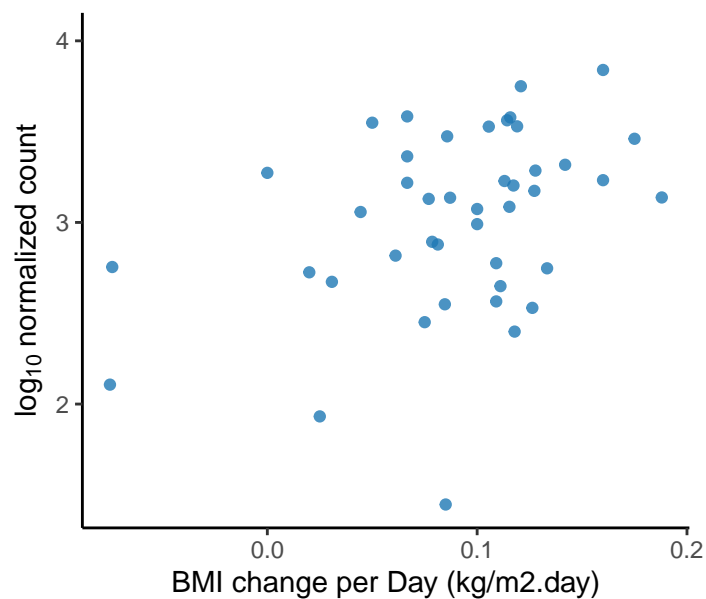
### Bradyrhizobiaceae

adjusted p = 0.0595



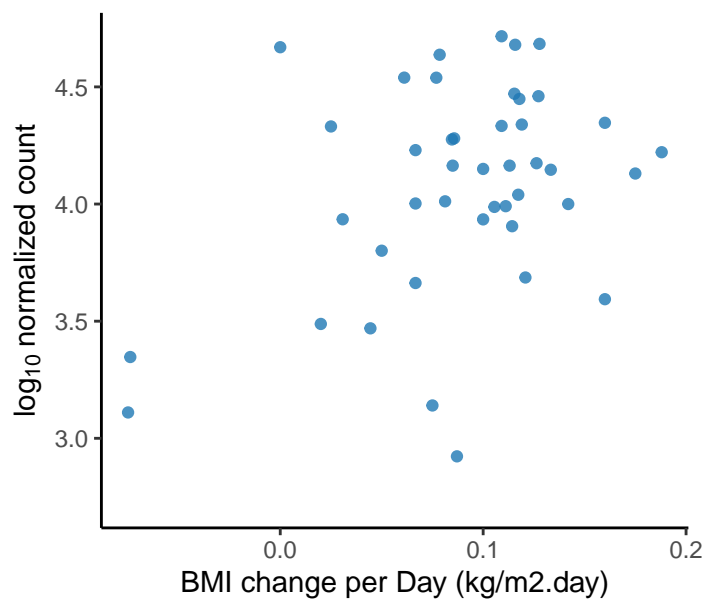
### Intrasporangiaceae

adjusted p = 0.0595



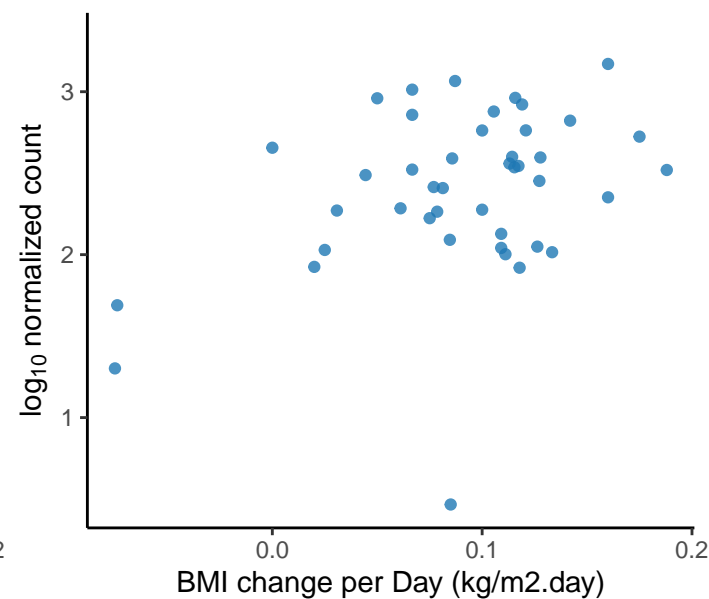
### Unclassified Bacteroidetes Phylum

adjusted p = 0.0595



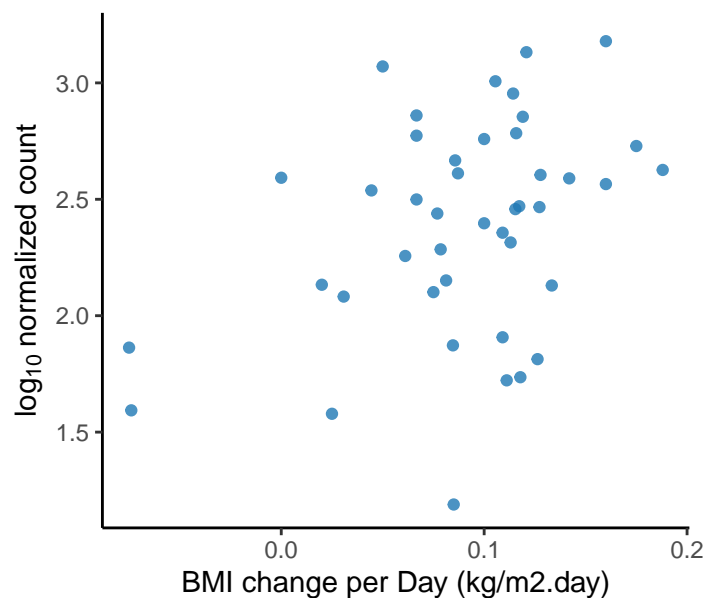
### Halorubraceae

adjusted p = 0.0611



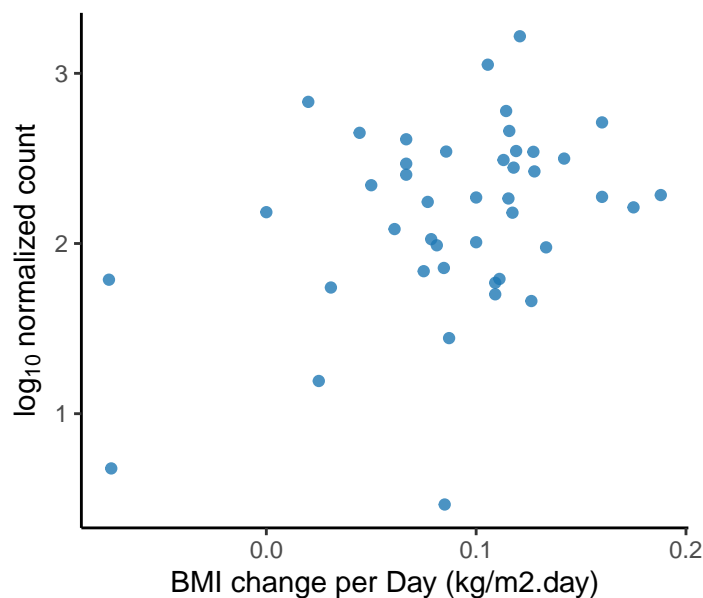
### Limnochordaceae

adjusted p = 0.0611



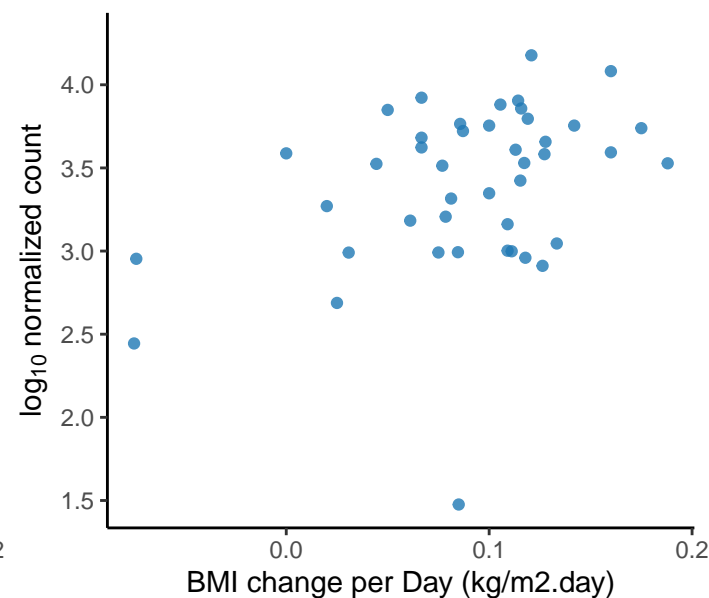
### Unclassified Dehalococcoidia Class

adjusted p = 0.0613



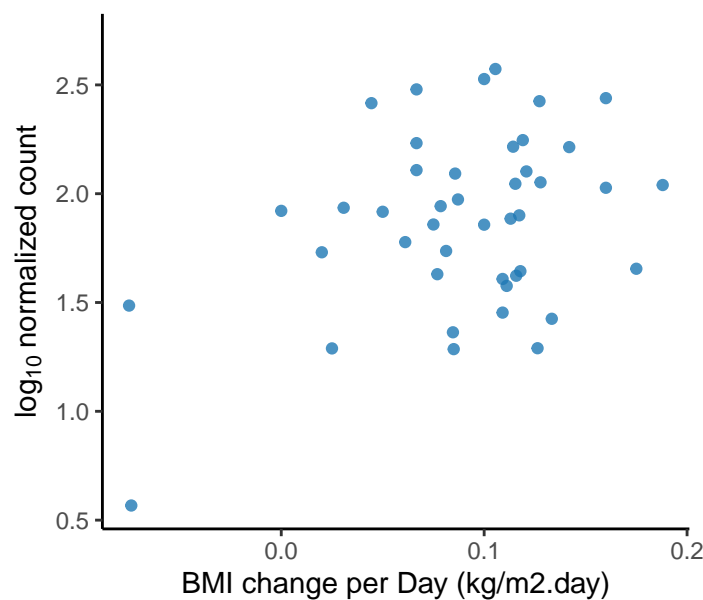
### Nocardioidaceae

adjusted p = 0.0627



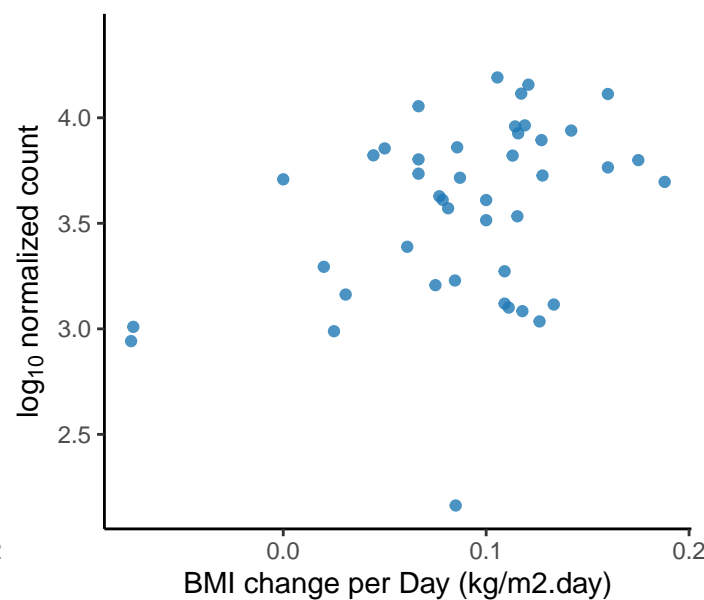
Merismopediaceae

adjusted p = 0.0638



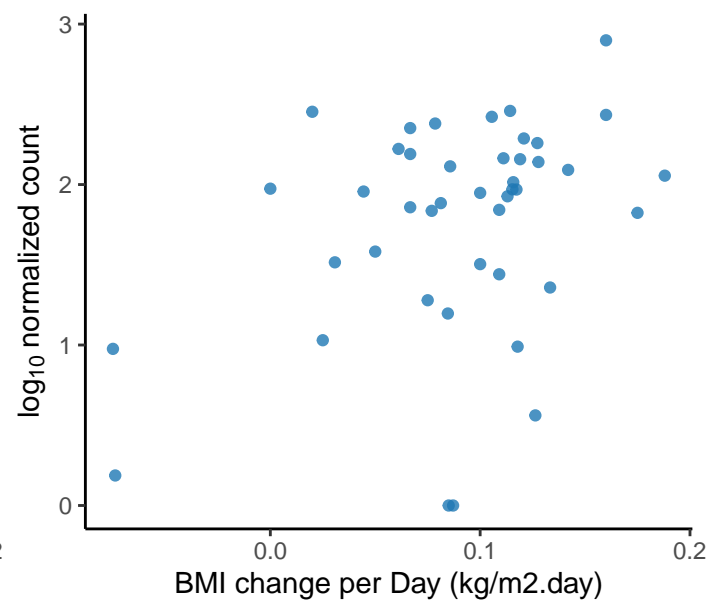
Unclassified Alphaproteobacteria Class

adjusted p = 0.0639



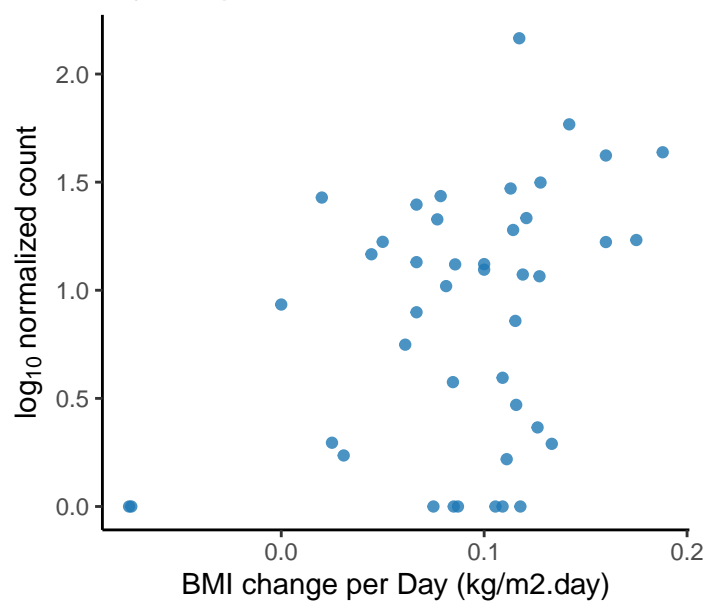
Unclassified Desulfovibrionales Order

adjusted p = 0.065



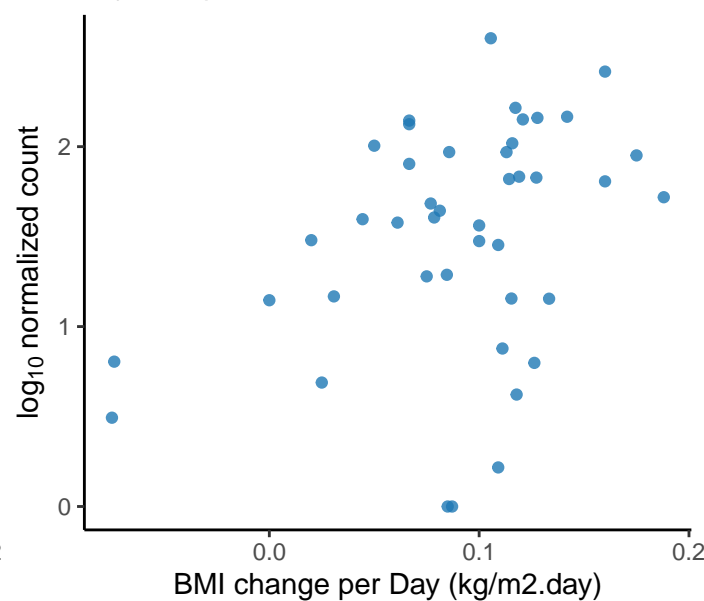
Unclassified Rhodobacterales Order

adjusted p = 0.0669



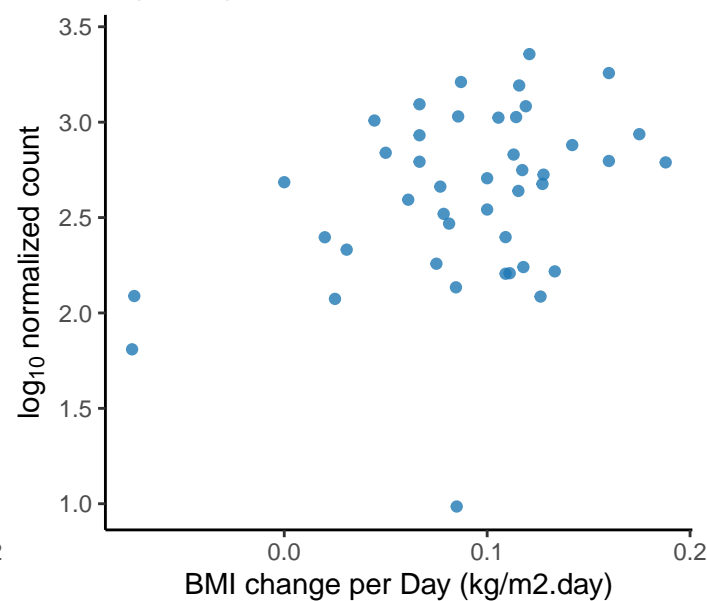
Unclassified Rhodospirillales Order

adjusted p = 0.0669



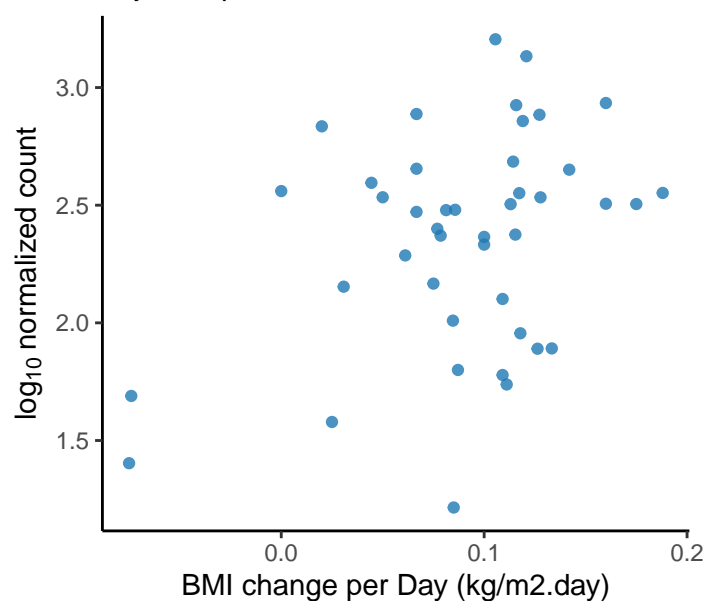
Gemmataceae

adjusted p = 0.0675



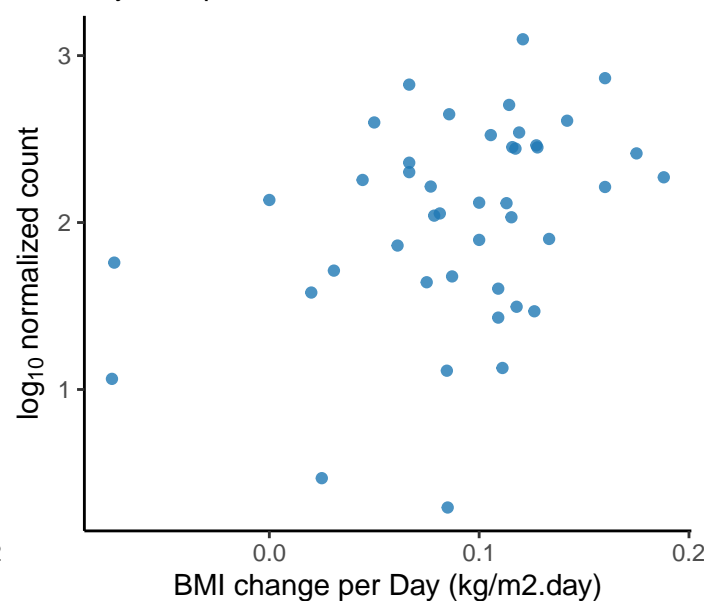
Gloeobacteraceae

adjusted p = 0.0675



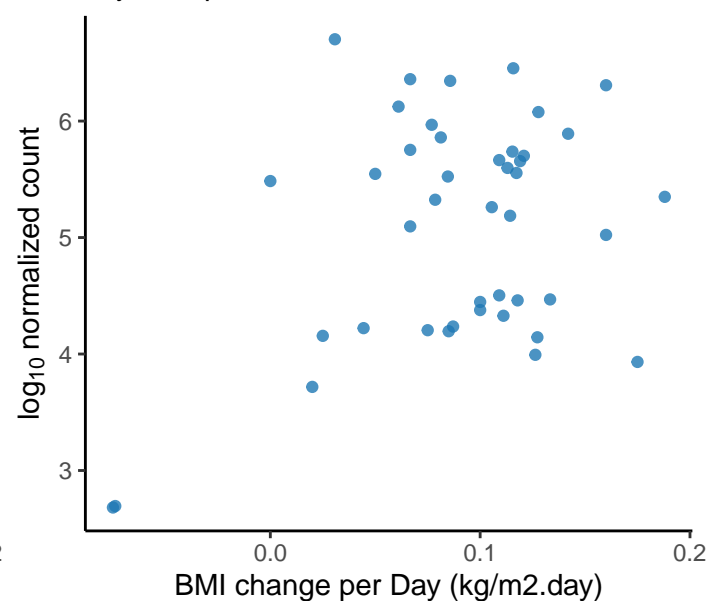
Phycisphaeraceae

adjusted p = 0.0675



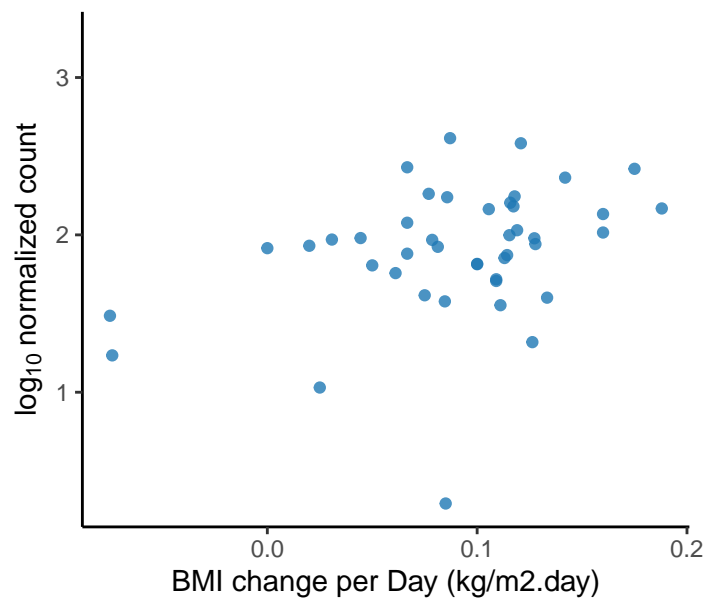
Rikenellaceae

adjusted p = 0.0675



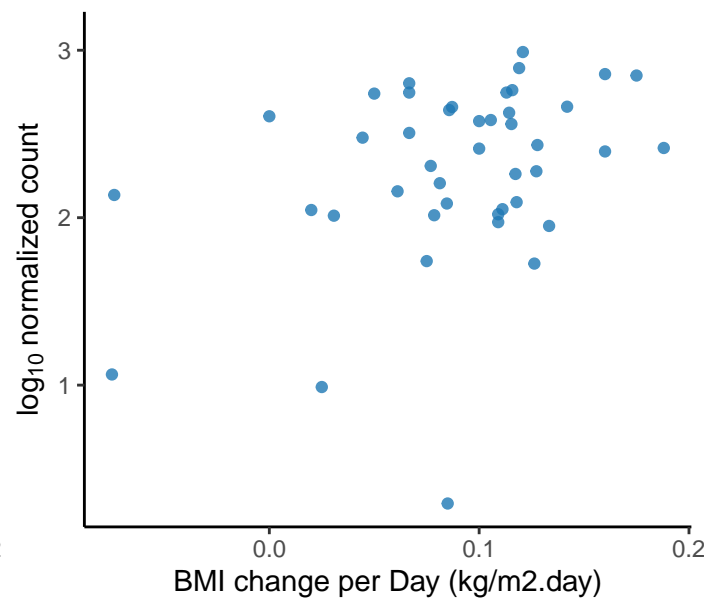
### Steroidobacteraceae

adjusted p = 0.0675



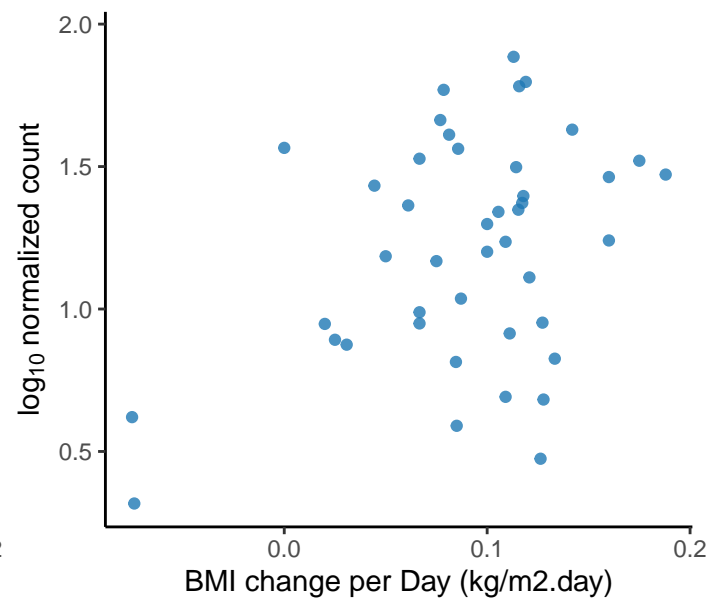
### Tsukamurellaceae

adjusted p = 0.0675



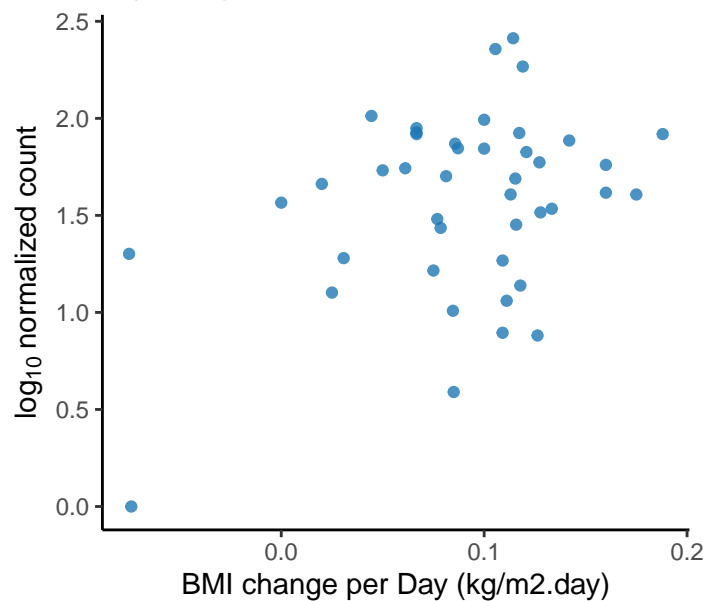
### Unclassified Pseudomonadales Order

adjusted p = 0.0675



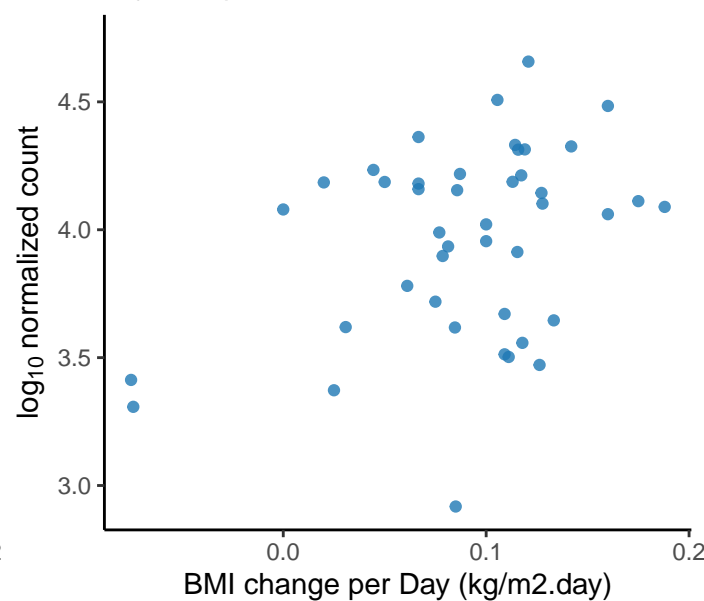
### Gloeomargaritaceae

adjusted p = 0.0687



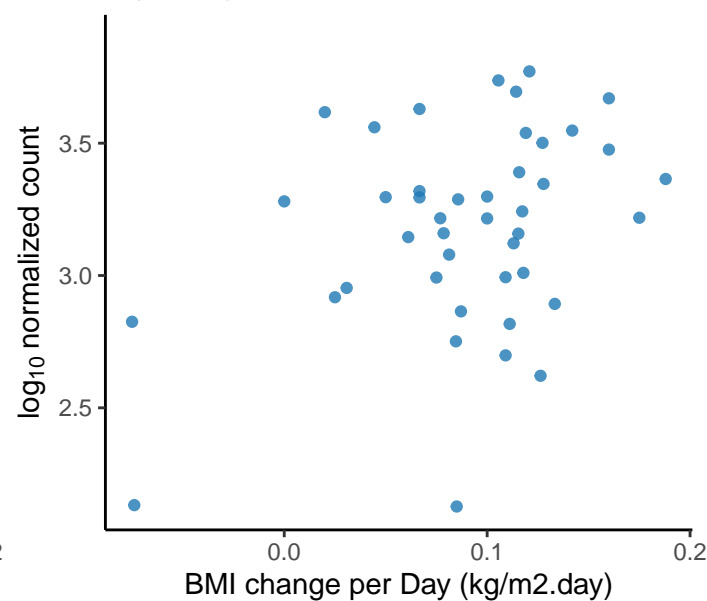
### Rhodobacteraceae

adjusted p = 0.0687



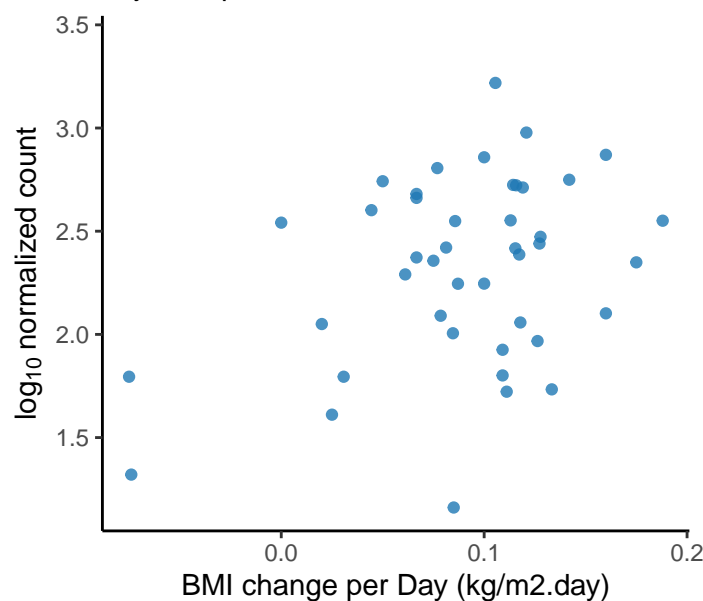
### Desulfobacteraceae

adjusted p = 0.0718



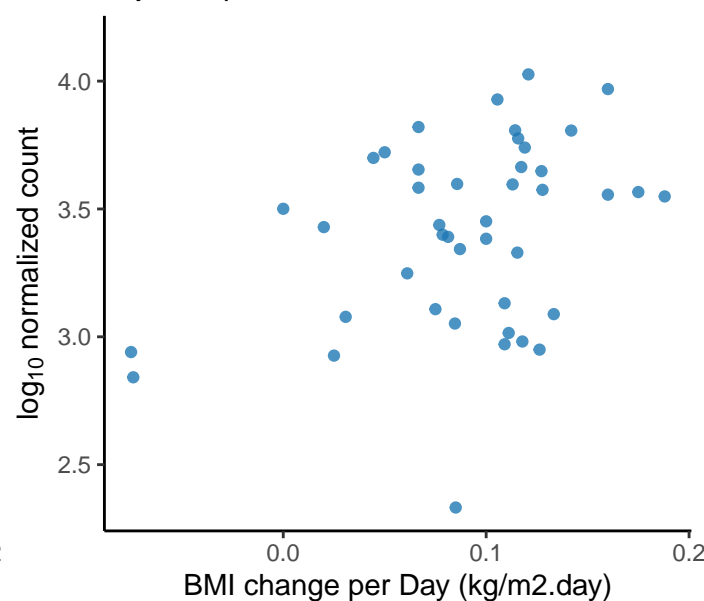
### Glomerellaceae

adjusted p = 0.0718



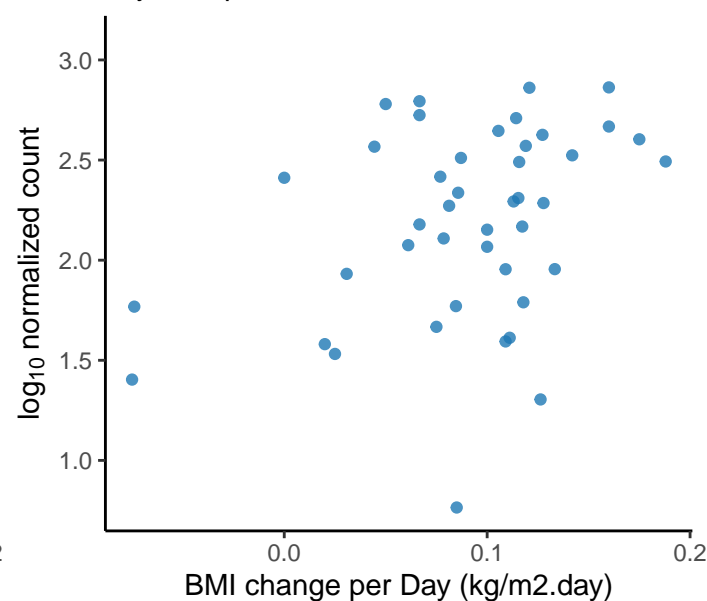
### Phyllobacteriaceae

adjusted p = 0.0718



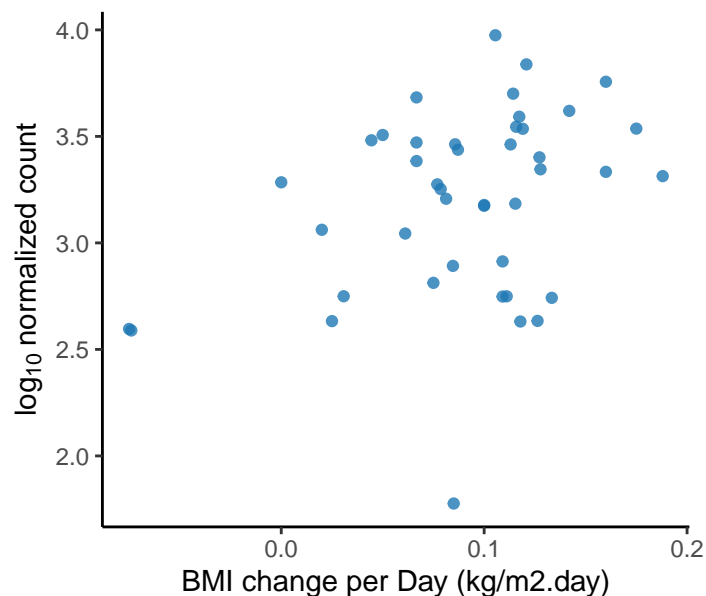
### Sinobacteraceae

adjusted p = 0.0718



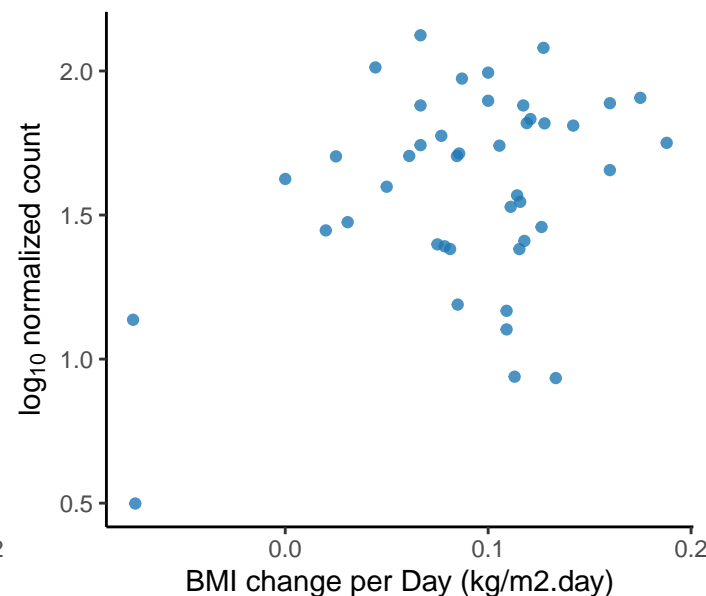
Unclassified Rhizobiales Order

adjusted p = 0.0718



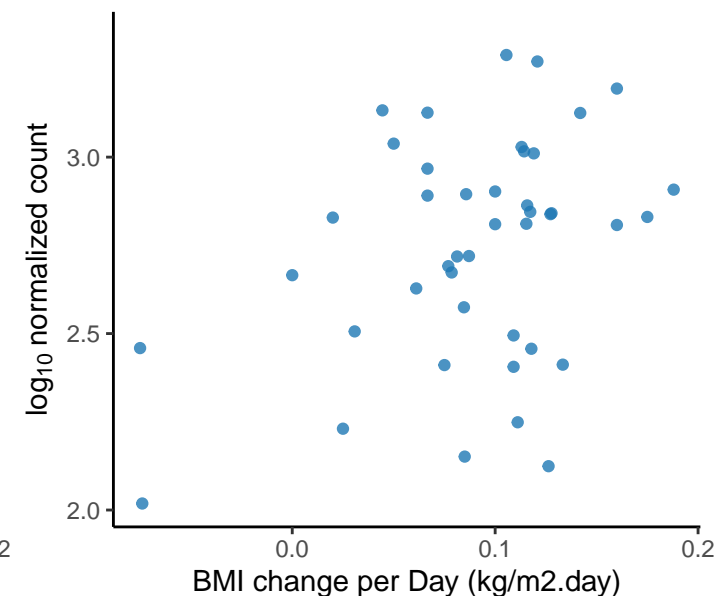
Acaryochloridaceae

adjusted p = 0.073



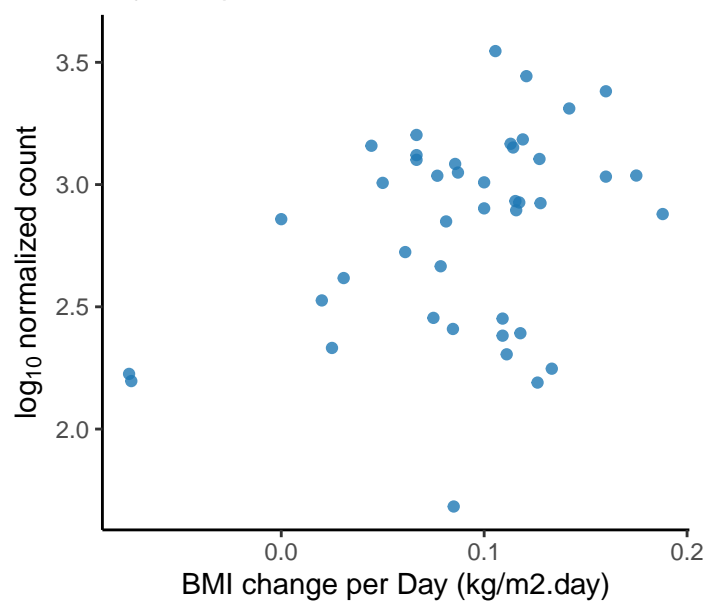
Microbulbiferaceae

adjusted p = 0.0733



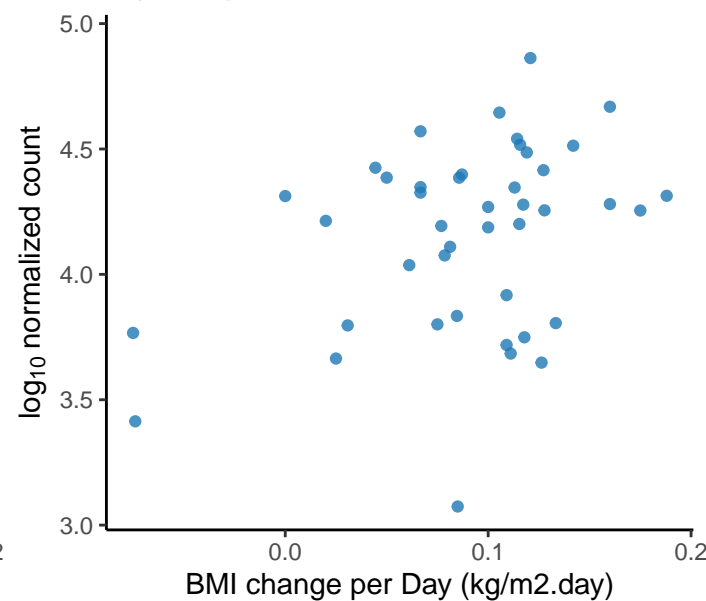
Heliobacteriaceae

adjusted p = 0.0739



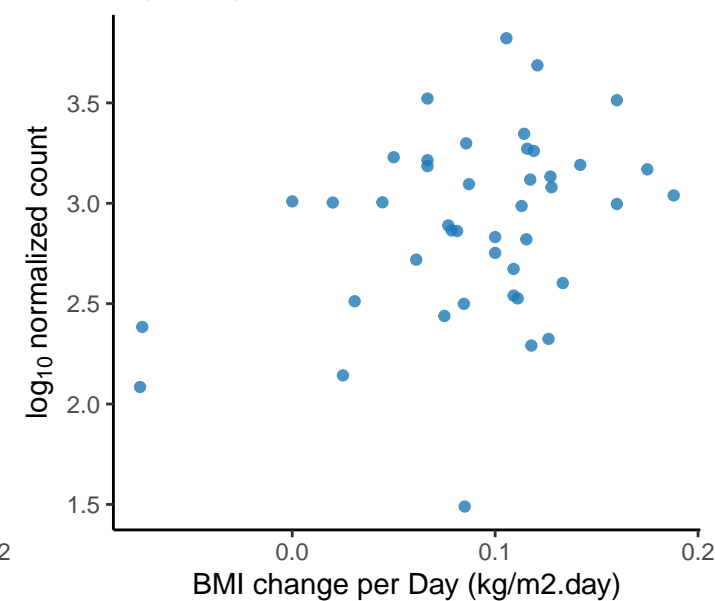
Pseudomonadaceae

adjusted p = 0.0739



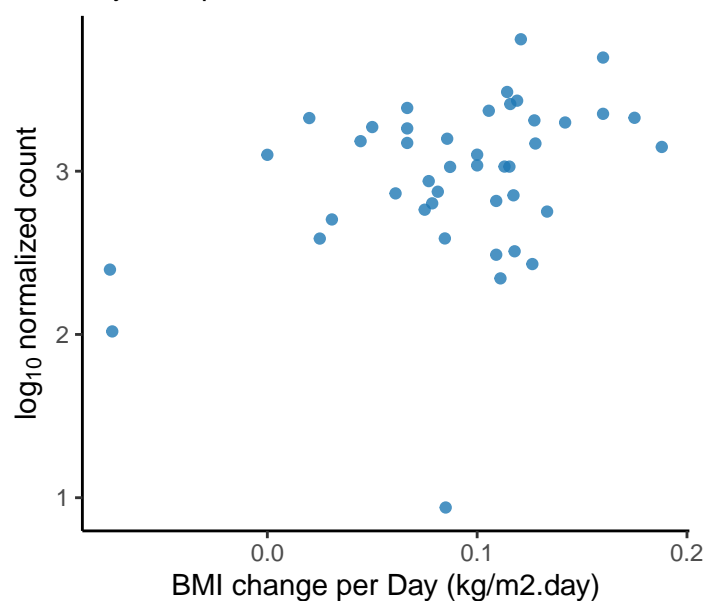
Rhodanobacteraceae

adjusted p = 0.0739



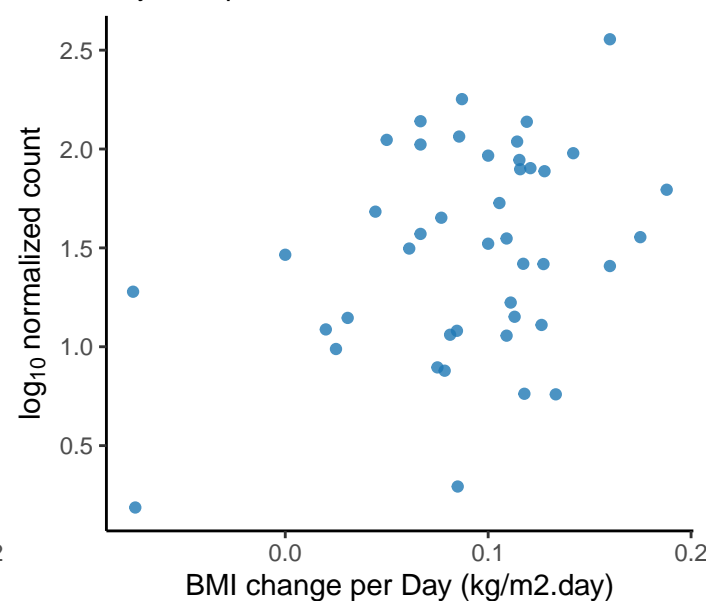
Thermaceae

adjusted p = 0.0739



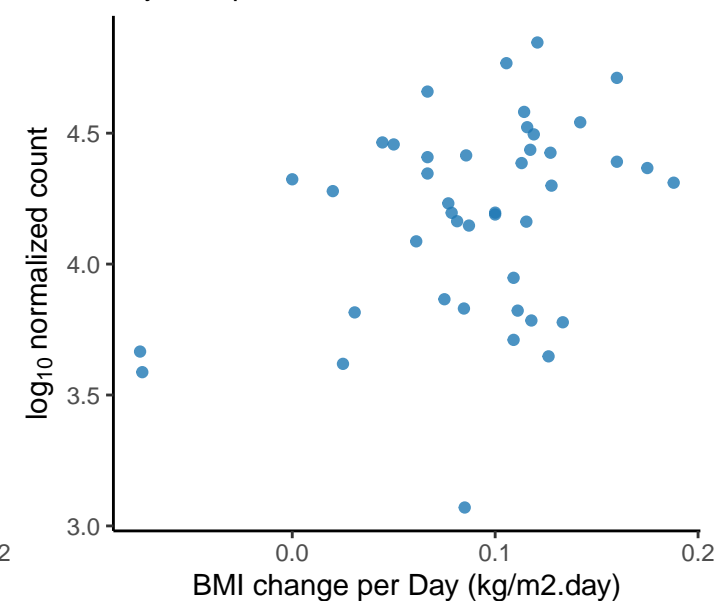
Thermomicrobiaceae

adjusted p = 0.0739



Unclassified Proteobacteria Phylum

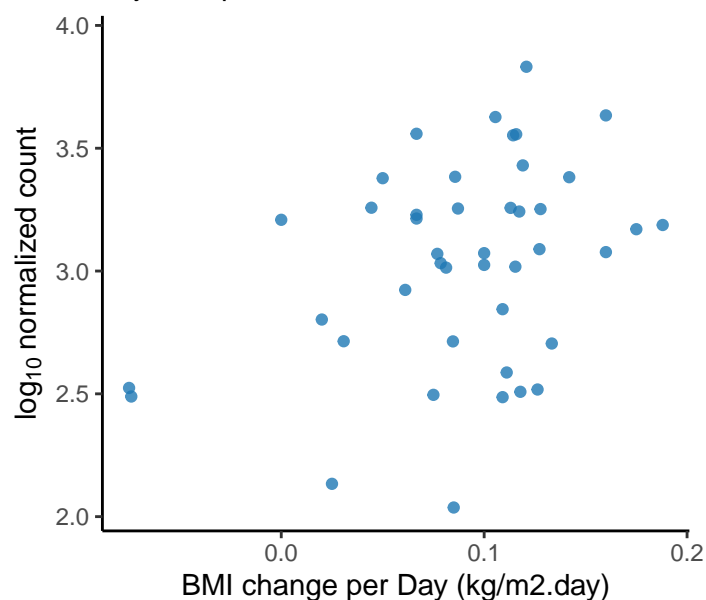
adjusted p = 0.0739





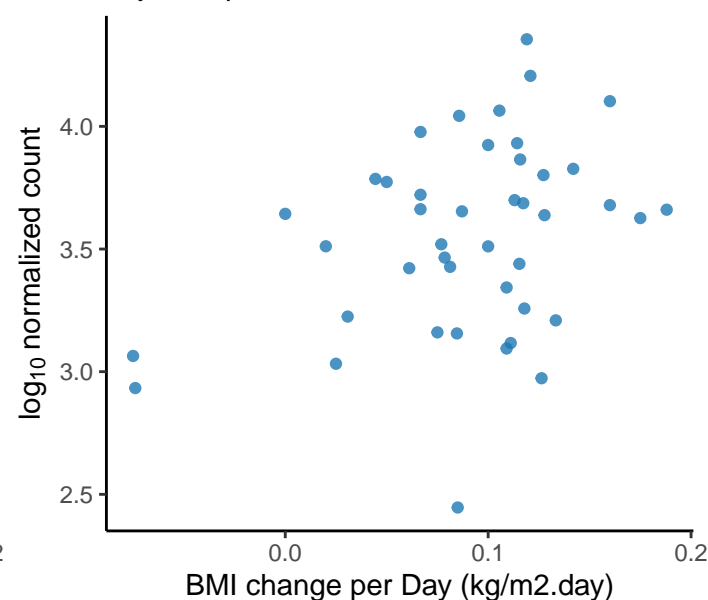
### Zoogloeaceae

adjusted p = 0.0739



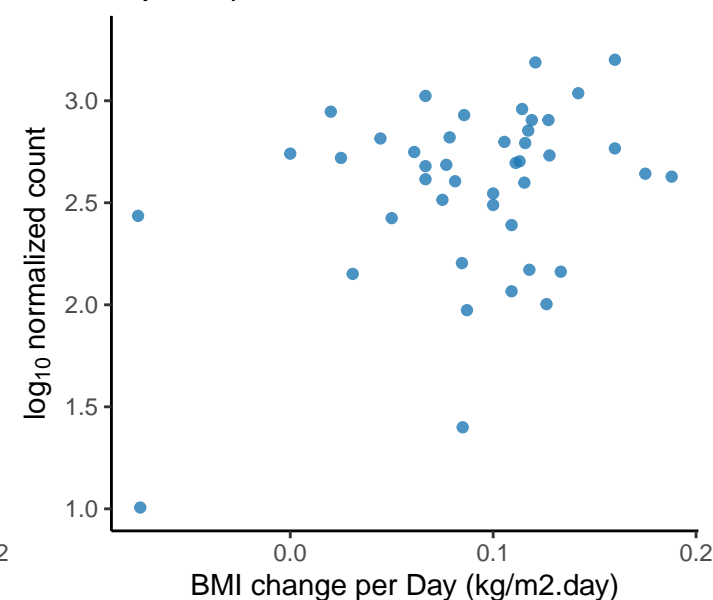
### Oxalobacteraceae

adjusted p = 0.0746



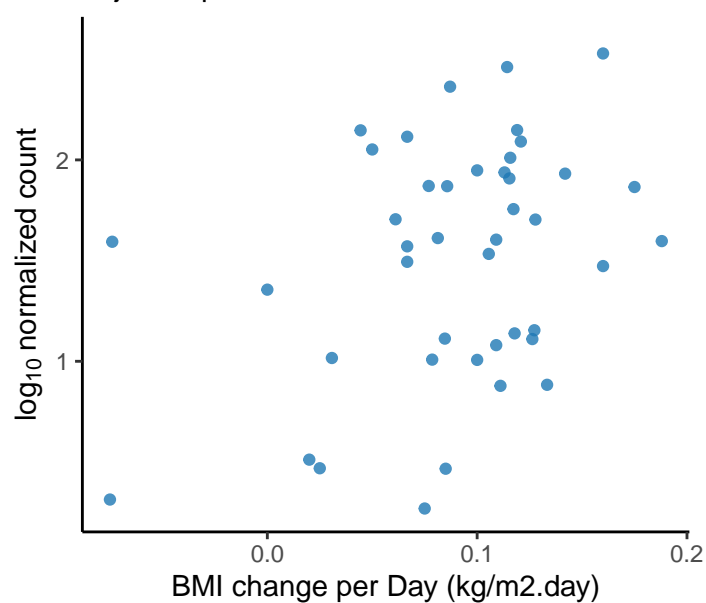
### Desulfomicrobiaceae

adjusted p = 0.0792



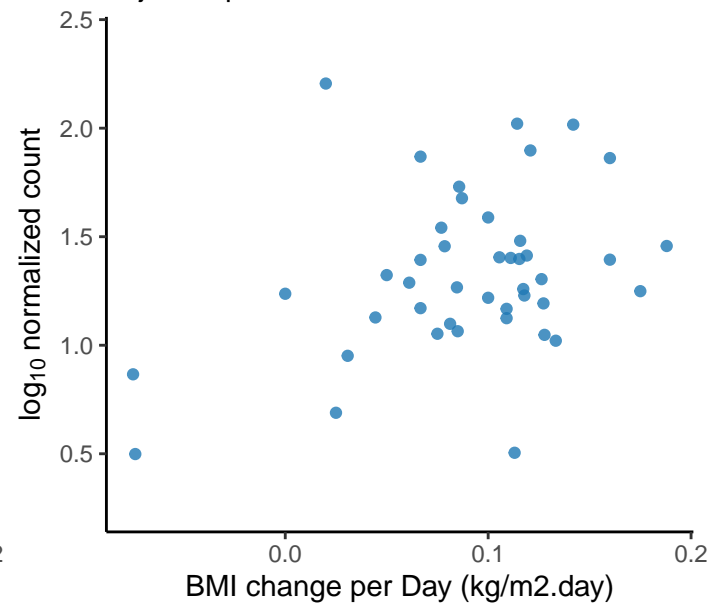
### Unclassified Halobacteriales Order

adjusted p = 0.0792



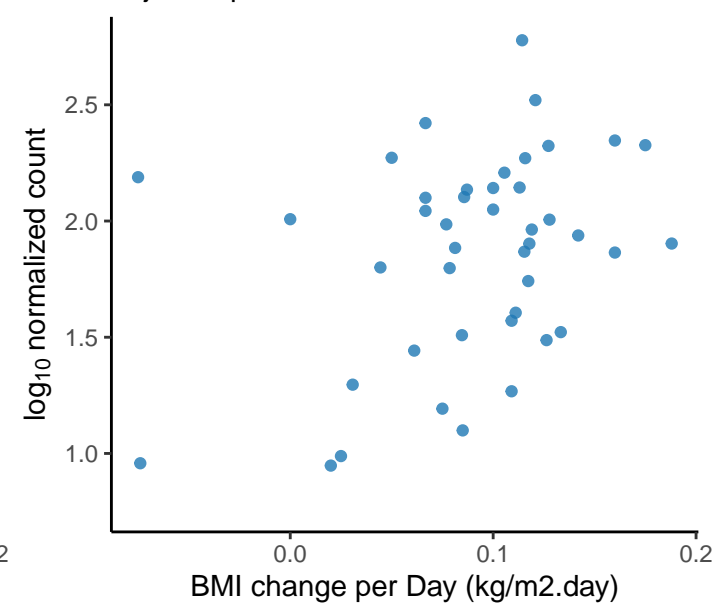
### Simkaniaceae

adjusted p = 0.0796



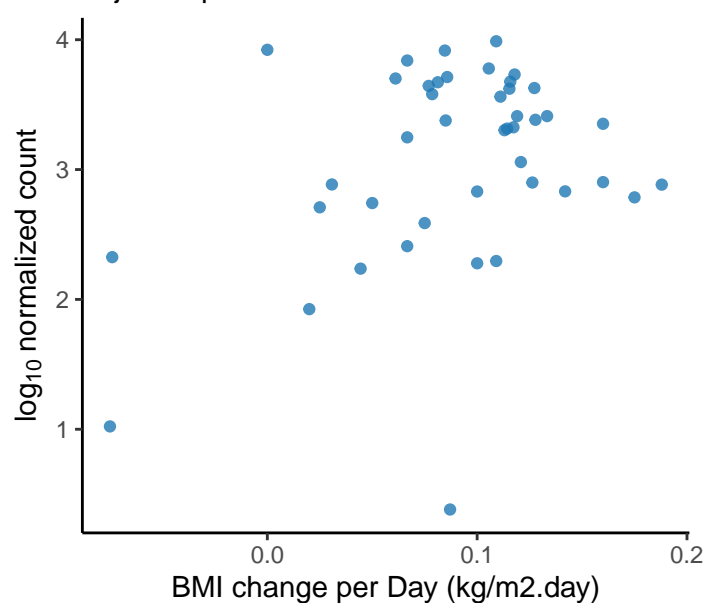
### Unclassified Frankiales Order

adjusted p = 0.0796



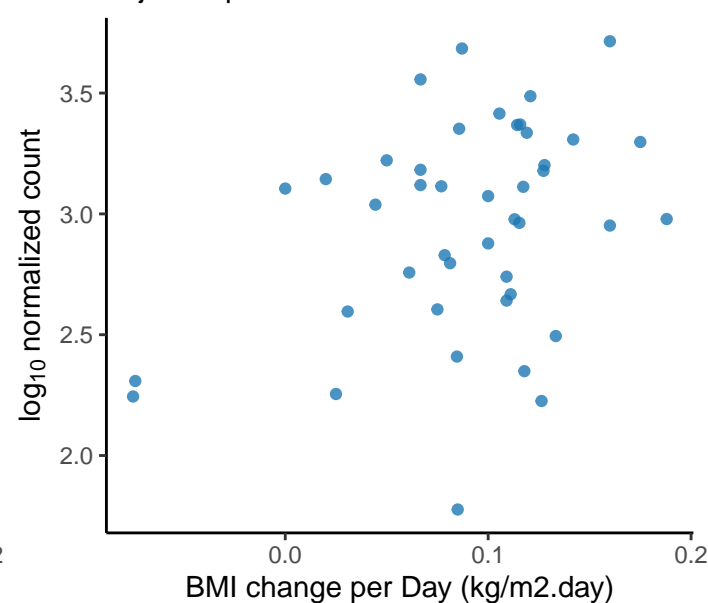
### Barnesiellaceae

adjusted p = 0.0796



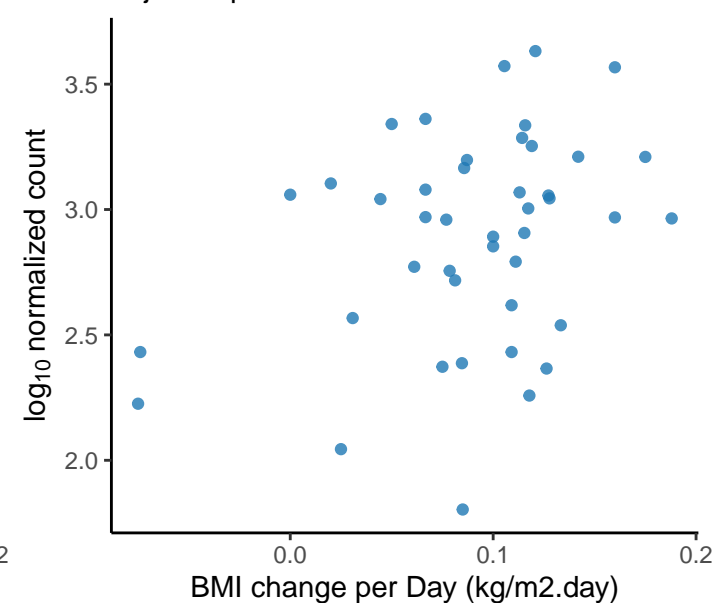
### Polyangiaceae

adjusted p = 0.0803



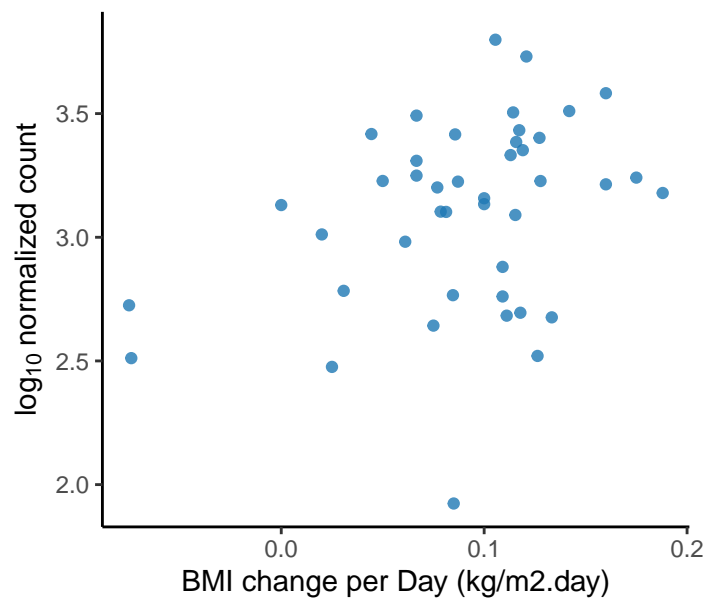
### Dermabacteraceae

adjusted p = 0.0824



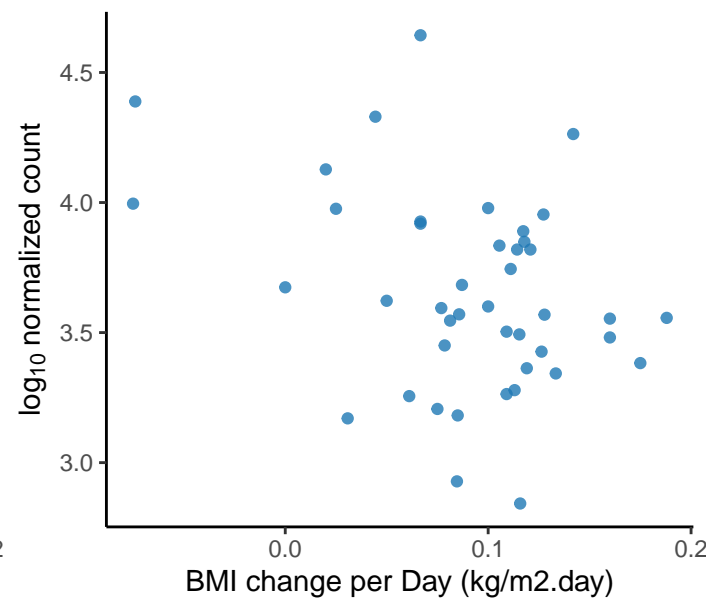
Hyphomicrobiaceae

adjusted p = 0.0824



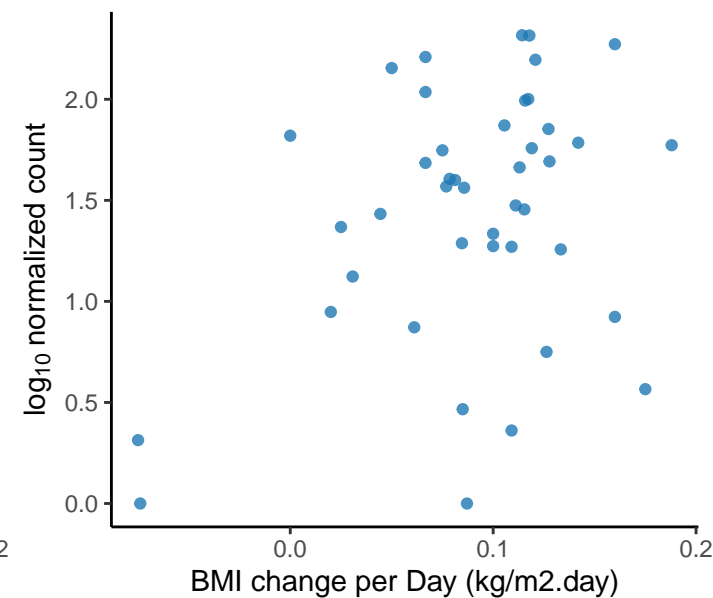
Unclassified Lactobacillales Order

adjusted p = 0.0824



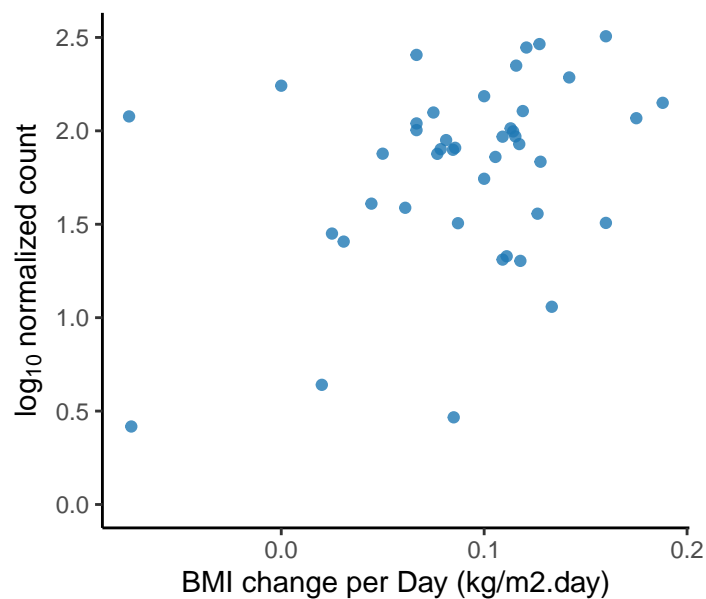
Unclassified Neisseriales Order

adjusted p = 0.0824



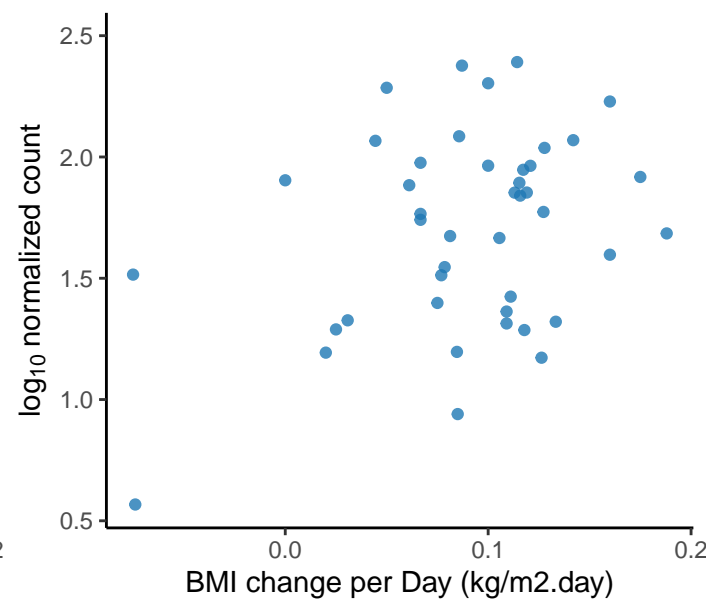
Casimicrobiaceae

adjusted p = 0.0832



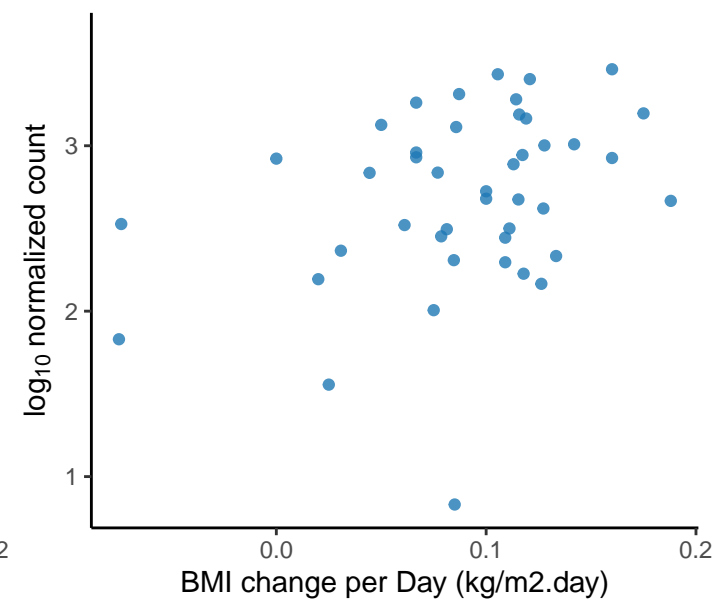
Chthonomonadaceae

adjusted p = 0.0861



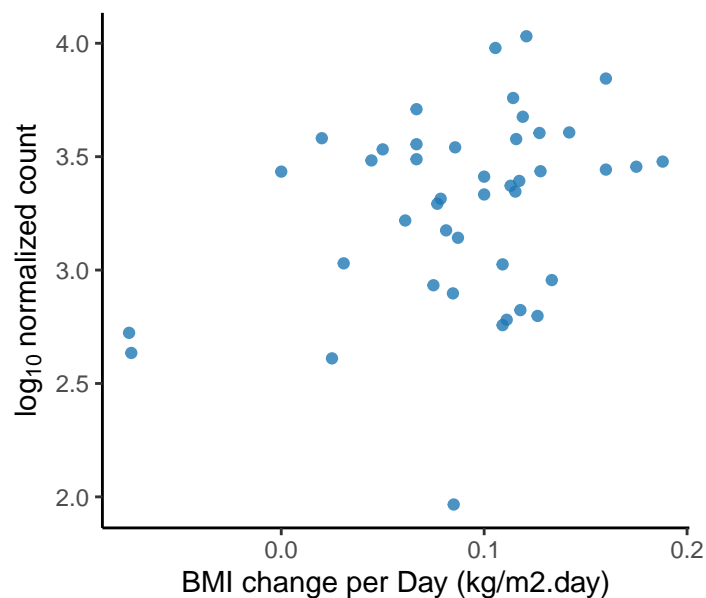
Promicromonosporaceae

adjusted p = 0.0862



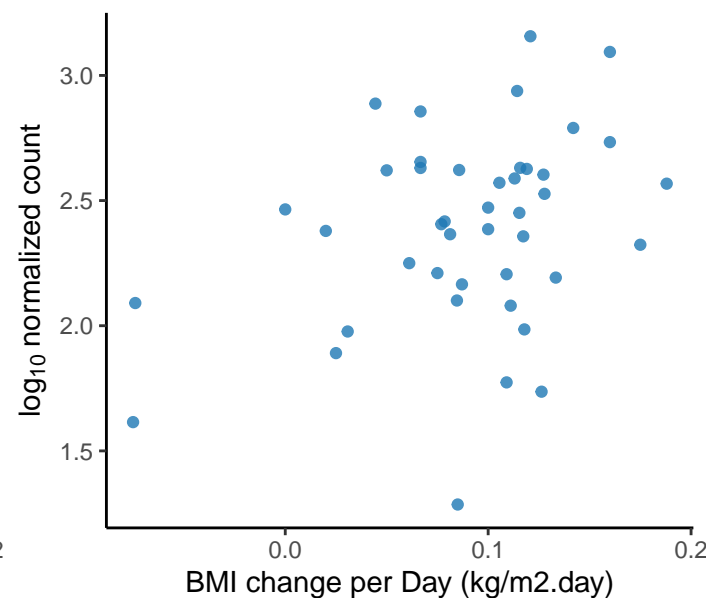
Geobacteraceae

adjusted p = 0.0862



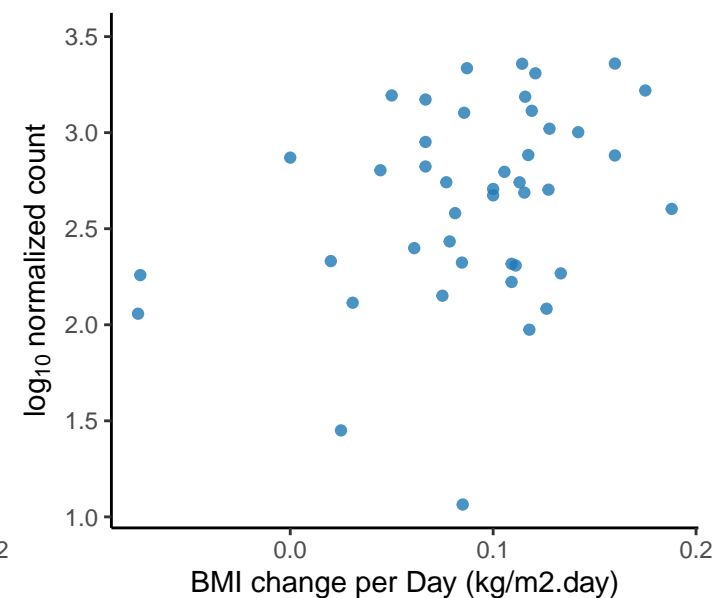
Syntrophobacteraceae

adjusted p = 0.0864



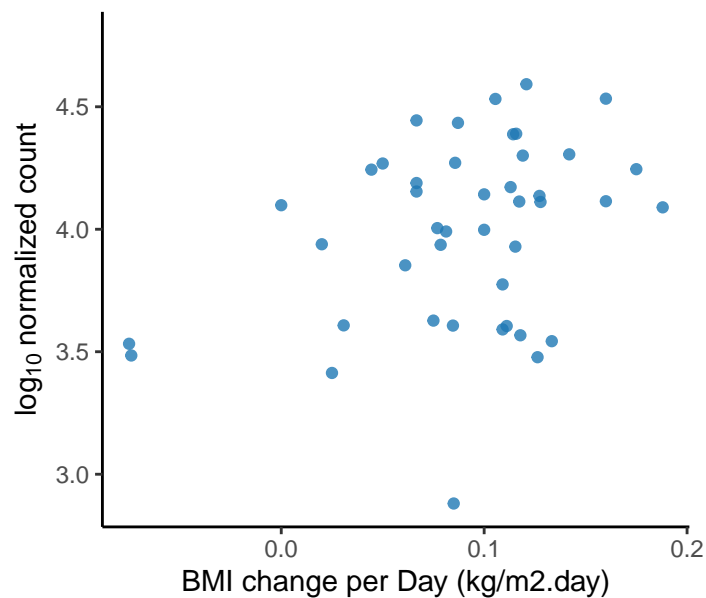
Anaeromyxobacteraceae

adjusted p = 0.089



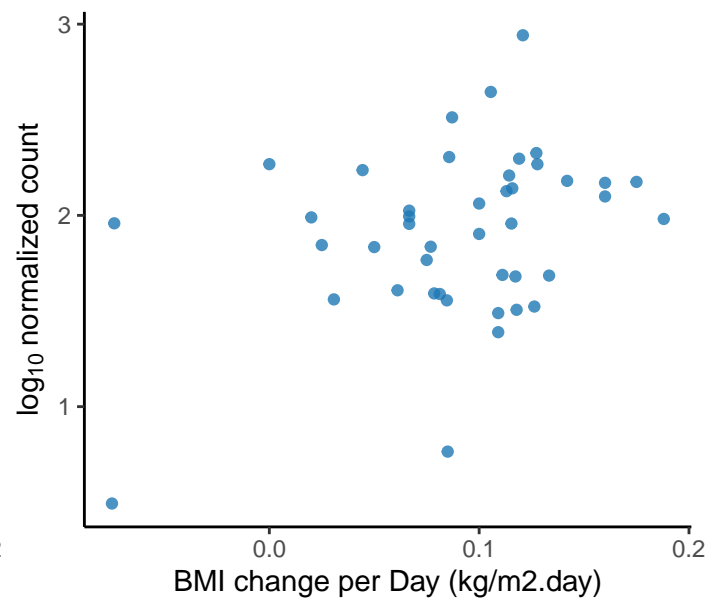
**Burkholderiaceae**

adjusted p = 0.0914



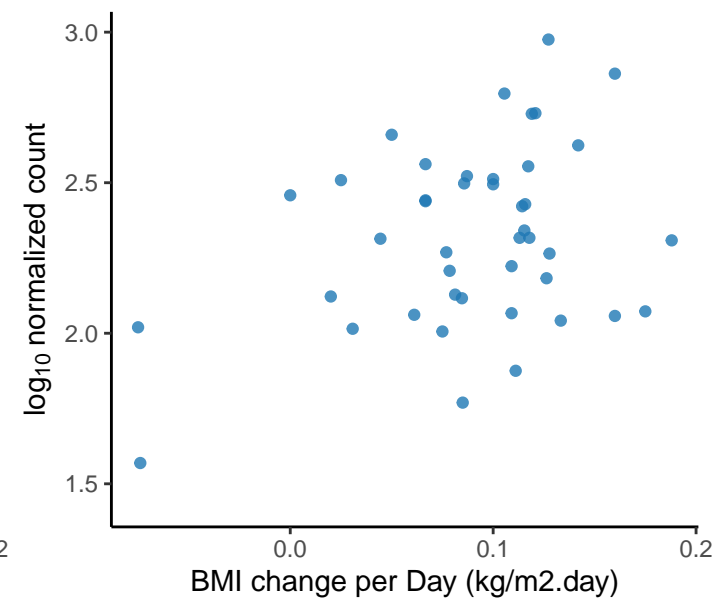
**Fimbriimonadaceae**

adjusted p = 0.0935



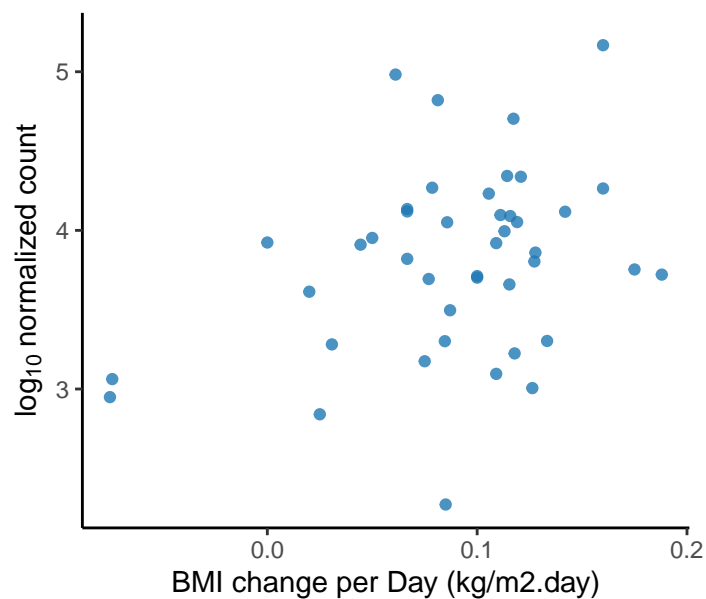
**Aspergillaceae**

adjusted p = 0.0947



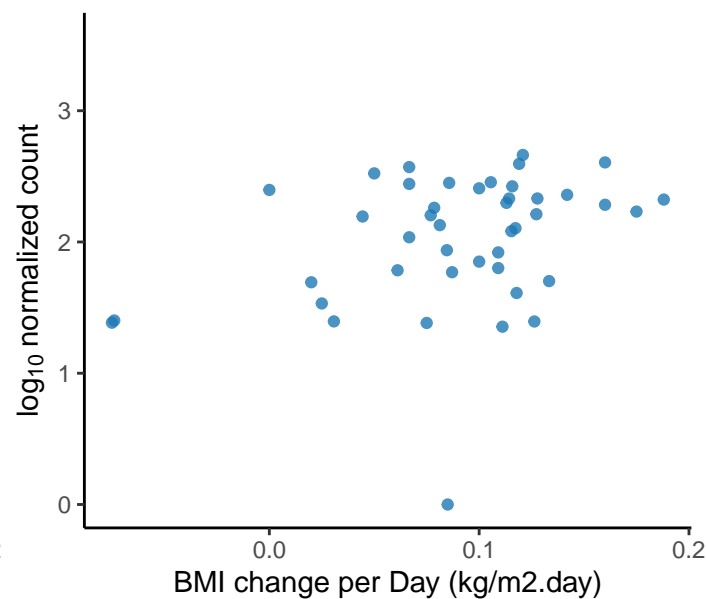
**Desulfovibrionaceae**

adjusted p = 0.0947



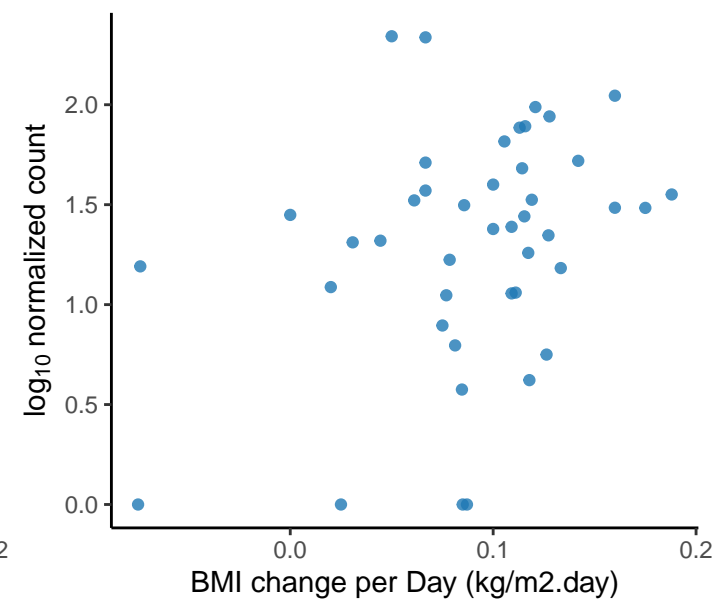
**Vulgatibacteraceae**

adjusted p = 0.0947



**Unclassified Deinococci Class**

adjusted p = 0.0963



**Cohaesibacteraceae**

adjusted p = 0.0967

