**Supplemental Digital Content 3**. Comparison of the microbiota compositions of patients with normal (n=15) and abnormal (n=19) stool consistency.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Taxon | Estimate | p-value | model | FoldChange | FDR-p-value |
| Actinobacteria\_Actinobacteria\_Actinomycetales\_Actinomycetaceae\_Actinomyces | 0,795 | 0,002 | MASS::glm.nb | 2,215 | 0,033 |
| Actinobacteria\_Coriobacteriia\_Coriobacteriales\_Coriobacteriaceae\_uncultured | 1,490 | 0,007 | MASS::glm.nb | 4,437 | 0,089 |
| Firmicutes\_Clostridia\_Clostridiales\_FamilyXIIIIncertaeSedis\_IncertaeSedis | 0,742 | 0,033 | MASS::glm.nb | 2,100 | 0,286 |
| Firmicutes\_Clostridia\_Clostridiales\_Lachnospiraceae\_Marvinbryantia | 2,038 | 0,008 | MASS::glm.nb | 7,672 | 0,098 |
| Firmicutes\_Negativicutes\_Selenomonadales\_Acidaminococcaceae\_Phascolarctobacterium | -1,638 | 0,024 | MASS::glm.nb | 0,194 | 0,254 |
| Proteobacteria\_Betaproteobacteria\_Burkholderiales\_Alcaligenaceae\_Bordetella | -0,801 | 0,040 | MASS::glm.nb | 0,449 | 0,331 |
| Actinobacteria\_Actinobacteria\_Actinomycetales\_Actinomycetaceae | 0,795 | 0,002 | MASS::glm.nb | 2,215 | 0,033 |
| Firmicutes\_Clostridia\_Clostridiales\_FamilyXIIIIncertaeSedis | 0,742 | 0,033 | MASS::glm.nb | 2,100 | 0,286 |
| Actinobacteria\_Actinobacteria\_Actinomycetales | 0,795 | 0,002 | MASS::glm.nb | 2,215 | 0,033 |
| Actinobacteria | 0,587 | 0,029 | MASS::glm.nb | 1,798 | 0,286 |
| Proteobacteria | -1,654 | 0,000 | MASS::glm.nb | 0,191 | 0,002 |