Figure 3. Tissue Microbiome Abundances

```
knitr::opts_chunk$set(fig.path="./Figures/",
                      fig.process = function(filename){
                        new_filename <- stringr::str_remove(string = filename,
                                                            pattern = "-1")
                        fs::file_move(path = filename, new_path = new_filename)
                        ifelse(fs::file_exists(new_filename), new_filename, filename)
                      })
#setwd("/Users/vilkal/work/Brolidens_work/Projects/Gabriella_repo/reports/rmarkdown/manuscript")
```

```
##       x   y  w u1 x_orig y_orig order1 order2          y1           y2
## 1   001 001  5 93     L1     T1      1      1 1.00000000  9.526882e-01
## 2   001 002  1 88     L1     T2      2      2 0.95268817  9.432258e-01
## 3   001 003  3 87     L1     T3      3      4 0.94322581  9.148387e-01
## 4   002 002 11 84     L2     T2      4      3 0.88483871  7.807527e-01
## 5   002 003 14 73     L2     T3      5      5 0.78075269  6.482796e-01
## 6   003 003 14 59     L3     T3      6      6 0.61827957  4.858065e-01
## 7   003 005  1 45     L3     T5      7      8 0.48580645  4.763441e-01
## 8   004 003  9 44     L4     T3      8     10 0.44634409  3.611828e-01
## 9   004 004 28 35     L4     T4      9      9 0.36118280  9.623656e-02
## 10  005 003  4  7     L5     T3     10     11 0.06623656  2.838710e-02
## 11  005 004  1  3     L5     T4     11      7 0.02838710  1.892473e-02
## 12  005 005  2  2     L5     T5     12     12 0.01892473 -1.491862e-16
##            y3           y4
## 1  1.00000000  9.526882e-01
## 2  0.92268817  9.132258e-01
## 3  0.77913978  7.507527e-01
## 4  0.91322581  8.091398e-01
## 5  0.75075269  6.182796e-01
## 6  0.61827957  4.858065e-01
## 7  0.02838710  1.892473e-02
## 8  0.48580645  4.006452e-01
## 9  0.33279570  6.784946e-02
## 10 0.40064516  3.627957e-01
## 11 0.06784946  5.838710e-02
## 12 0.01892473 -1.422473e-16
```