Document contains the stacked bar chart comparing the results of both msm and msw sets.

Stacked bar chart showing the relative abundance of each bacteria per subject.

**FEATURE STATISTICS**

This table represents the basic statistical measures of the features of MSM dataset in decreasing order of count.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| count | feature\_name | max | mean | median | min | stdev |
| 638083 | d5\_\_lactobacillus | 27204 | 14839.14 | 15916 | 3916 | 5489.047 |
| 301354 | d5\_\_corynebacterium1 | 24430 | 7008.233 | 6260 | 975 | 3579.505 |
| 133703 | d5\_\_gardnerella | 21206 | 3109.372 | 1980 | 645 | 4359.411 |
| 100775 | d5\_\_sneathia | 23609 | 2343.605 | 1186 | 678 | 3863.11 |
| 71918 | d5\_\_finegoldia | 15562 | 1672.512 | 585 | 148 | 2915.56 |
| 68404 | d5\_\_anaerococcus | 10192 | 1590.791 | 721 | 205 | 2110.163 |
| 50180 | d5\_\_peptoniphilus | 4617 | 1166.977 | 1048 | 157 | 775.6906 |
| 45257 | d5\_\_staphylococcus | 7337 | 1052.488 | 870 | 253 | 1118.131 |
| 35204 | d5\_\_streptococcus | 6006 | 818.6977 | 517 | 319 | 980.2752 |
| 34141 | d5\_\_veillonella | 5001 | 793.9767 | 402 | 96 | 997.1351 |
| 32813 | d5\_\_prevotella | 5699 | 763.093 | 343 | 60 | 1162.247 |
| 17128 | d5\_\_ezakiella | 2937 | 398.3256 | 247 | 98 | 474.7935 |
| 15796 | d5\_\_shuttleworthia | 3511 | 367.3488 | 83 | 9 | 665.2205 |
| 15565 | d4\_\_prevotellaceaeother | 2593 | 361.9767 | 124 | 31 | 629.291 |

This table represents the basic statistical measures of the features of MSW dataset in decreasing order of count.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| count | feature\_name | max | mean | median | min | stdev |
| 527594 | d5\_\_corynebacterium1 | 63503 | 12269.63 | 7368 | 85 | 13575.58 |
| 271074 | d5\_\_lactobacillus | 43769 | 6304.047 | 2227 | 0 | 9703.926 |
| 211671 | d5\_\_gardnerella | 40810 | 4922.581 | 2682 | 0 | 8186.758 |
| 192423 | d5\_\_sneathia | 28609 | 4474.953 | 1033 | 0 | 7411.633 |
| 178918 | d5\_\_streptococcus | 55673 | 4160.884 | 876 | 1 | 9972.949 |
| 169451 | d5\_\_anaerococcus | 21735 | 3940.721 | 1596 | 35 | 4963.101 |
| 151083 | d5\_\_staphylococcus | 18231 | 3513.558 | 1399 | 12 | 4682.758 |
| 112399 | d5\_\_veillonella | 22021 | 2613.93 | 212 | 0 | 5695.943 |
| 78739 | d5\_\_finegoldia | 18289 | 1831.14 | 702 | 16 | 3267.41 |
| 59329 | d5\_\_peptoniphilus | 8126 | 1379.744 | 433 | 0 | 2005.251 |
| 43182 | d5\_\_prevotella | 9985 | 1004.233 | 422 | 0 | 1790.916 |
| 25211 | d5\_\_granulicatella | 6672 | 586.3023 | 66 | 0 | 1506.798 |
| 23303 | d5\_\_escherichiashigella | 17929 | 541.9302 | 5 | 0 | 2731.92 |
| 22204 | d5\_\_acinetobacter | 18262 | 516.3721 | 18 | 0 | 2793.881 |