

# LEA\_obeso\_d: rank matrix & stability

|   |    |    |    |    |    |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|----|----|----|----|----|
| _*_Bacteroides                          | 2  | 1  | 1  | 3  | 1  | 2  | 1  | 1  | 1  | 2  | 1  | 1  |
| _*_*                                    | 1  | 2  | 3  | 4  | 2  | 1  | 2  | 2  | 3  | 1  | 2  | 4  |
| _*_Blautia                              | 3  | 4  | 2  | 1  | 5  | 6  | 3  | 5  | 4  | 5  | 2  | 2  |
| _*_Faecalibacterium                     | 9  | 3  | 9  | 6  | 9  | 3  | 6  | 3  | 2  | 3  | 12 | 13 |
| _*_Parabacteroides                      | 4  | 5  | 5  | 7  | 3  | 8  | 4  | 4  | 4  | 5  | 4  | 6  |
| _*_Lachnospiraceae;Other                | 6  | 7  | 6  | 5  | 10 | 5  | 5  | 6  | 6  | 7  | 3  | 10 |
| _*_[Eubacterium]                        | 8  | 6  | 4  | 2  | 11 | 11 | 8  | 7  | 13 | 6  | 6  | 3  |
| _*_*                                    | 7  | 9  | 8  | 8  | 8  | 4  | 7  | 8  | 8  | 8  | 7  | 8  |
| _*_Dořea                                | 5  | 10 | 11 | 9  | 6  | 10 | 11 | 12 | 10 | 9  | 8  | 5  |
| _*_Brevibacillus                        | 11 | 8  | 10 | 12 | 7  | 7  | 14 | 10 | 9  | 11 | 9  | 11 |
| _*_Oscillospira                         | 12 | 12 | 13 | 10 | 15 | 14 | 9  | 11 | 7  | 10 | 11 | 12 |
| _*_Clostridium                          | 14 | 13 | 20 | 14 | 4  | 9  | 12 | 14 | 15 | 16 | 14 | 18 |
| _*_Sutterella                           | 72 | 11 | 7  | 24 | 18 | 15 | 13 | 9  | 11 | 14 | 16 | 19 |
| _*_*                                    | 15 | 14 | 14 | 11 | 21 | 13 | 10 | 13 | 12 | 12 | 10 | 14 |
| _*_Coprobacillus                        | 23 | 24 | 35 | 23 | 68 | 18 | 29 | 27 | 27 | 19 | 22 | 7  |
| _*_Enterobacteriaceae;Other             | 16 | 39 | 16 | 15 | 12 | 19 | 21 | 19 | 16 | 15 | 15 | 15 |
| _*_Streptococcus                        | 10 | 17 | 18 | 17 | 14 | 12 | 18 | 16 | 17 | 18 | 21 | 22 |
| _*_Enterococcus                         | 21 | 20 | 19 | 13 | 13 | 28 | 15 | 25 | 22 | 29 | 23 | 25 |
| _*_*                                    | 54 | 15 | 12 | 18 | 23 | 36 | 22 | 22 | 14 | 13 | 27 | 21 |
| _*_Desulfovibrio                        | 13 | 21 | 15 | 19 | 32 | 22 | 16 | 15 | 18 | 21 | 19 | 24 |
| _*_Eggerthella                          | 17 | 18 | 17 | 16 | 19 | 21 | 17 | 17 | 19 | 20 | 17 | 20 |
| _*_Veillonella                          | 26 | 32 | 30 | 64 | 20 | 17 | 48 | 36 | 29 | 64 | 62 | 9  |
| _*_Betaproteobacteria;Other;Other;Other | 71 | 23 | 36 | 71 | 72 | 42 | 30 | 20 | 21 | 17 | 13 | 16 |
| _*_Holdemania                           | 20 | 19 | 22 | 20 | 22 | 20 | 19 | 18 | 20 | 22 | 18 | 23 |
| _*_Lactococcus                          | 18 | 31 | 21 | 21 | 17 | 24 | 23 | 21 | 25 | 30 | 36 | 61 |
| _*_*                                    | 64 | 29 | 61 | 62 | 16 | 16 | 46 | 49 | 63 | 61 | 58 | 65 |
| _*_*                                    | 27 | 22 | 24 | 28 | 43 | 35 | 20 | 24 | 24 | 27 | 24 | 31 |
| _*_*                                    | 66 | 43 | 23 | 25 | 61 | 66 | 25 | 26 | 23 | 26 | 20 | 33 |
| _*_Coprococcus                          | 61 | 69 | 57 | 58 | 53 | 61 | 62 | 65 | 59 | 57 | 55 | 17 |
| _*_Clostridiales;Other;Other            | 60 | 25 | 25 | 22 | 50 | 58 | 24 | 31 | 26 | 23 | 28 | 44 |
| _*_Actinomyces                          | 19 | 58 | 28 | 30 | 25 | 23 | 31 | 23 | 30 | 31 | 26 | 26 |
| _*_*                                    | 69 | 16 | 71 | 69 | 70 | 71 | 71 | 72 | 71 | 70 | 70 | 72 |
| _*_Ruminococcaceae;Other                | 29 | 33 | 27 | 26 | 58 | 25 | 27 | 28 | 28 | 25 | 25 | 66 |
| _*_Alkaliphilus                         | 42 | 26 | 56 | 31 | 51 | 59 | 26 | 48 | 31 | 38 | 54 | 45 |
| _*_Ruminococcus                         | 65 | 27 | 63 | 27 | 59 | 65 | 28 | 69 | 64 | 63 | 60 | 67 |
| _*_Anaerofustis                         | 35 | 30 | 26 | 29 | 52 | 60 | 33 | 44 | 41 | 24 | 37 | 62 |
| _*_*                                    | 33 | 46 | 43 | 32 | 39 | 48 | 32 | 29 | 36 | 32 | 29 | 42 |
| _*_[Ruminococcus]                       | 25 | 55 | 34 | 37 | 24 | 40 | 36 | 40 | 42 | 35 | 30 | 32 |
| _*_*                                    | 22 | 42 | 52 | 54 | 47 | 38 | 35 | 30 | 56 | 34 | 35 | 58 |
| _*_Anaerococcus                         | 31 | 34 | 29 | 33 | 63 | 68 | 49 | 45 | 44 | 36 | 64 | 30 |
| _*_Finegoldia                           | 37 | 36 | 31 | 39 | 64 | 26 | 67 | 32 | 37 | 40 | 65 | 37 |
| _*_Peptoniphilus                        | 32 | 37 | 66 | 66 | 65 | 29 | 68 | 52 | 32 | 41 | 66 | 28 |
| _*_Prevotella                           | 53 | 28 | 47 | 36 | 42 | 51 | 42 | 43 | 52 | 49 | 45 | 36 |
| _*_Coriobacteriaceae;Other              | 39 | 51 | 42 | 34 | 38 | 47 | 34 | 35 | 40 | 33 | 31 | 51 |
| _*_Acinetobacter                        | 24 | 57 | 37 | 75 | 75 | 75 | 75 | 38 | 38 | 75 | 75 | 75 |
| _*_Bulleidia                            | 28 | 47 | 68 | 44 | 67 | 30 | 50 | 37 | 68 | 67 | 38 | 69 |
| _*_Bacilli;Other;Other;Other            | 56 | 65 | 49 | 51 | 29 | 27 | 43 | 34 | 34 | 28 | 48 | 55 |
| _*_Porphyromonas                        | 52 | 40 | 46 | 41 | 41 | 34 | 41 | 47 | 51 | 48 | 44 | 27 |
| _*_*_1855D                              | 68 | 35 | 67 | 43 | 66 | 69 | 69 | 41 | 67 | 66 | 67 | 48 |
| _*_Adlercreutzia                        | 51 | 38 | 44 | 35 | 40 | 49 | 56 | 59 | 49 | 37 | 34 | 52 |

Rank Stability Index (in %)

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