diets_h_an_8_pre: rank matrix & stability

| | diets_n_a | n_o_pre: ra | ink matrix c | x Stability |
|--|-----------|---------------------|----------------|------------------|
| p Bacteroidetes;*;g Bacteroides | 1 | 1 | 1 | 1 |
| p Firmicutes;*;g | 4 | 2 | 2 | 2 |
| p Firmicutes;*;g Faecalibacterium | 2 7 | 3 | 11 | 3 |
| p Actinobacteria;*;g Bifidobacterium | 7 | 10 | 3 6 | 3 4 5 6 |
| p Firmicutes;*;g | 3 | 4 | 6 | 5 |
| p Firmicutes;*;g Blautia | 8 | 9 | 4 | 6 |
| p_Proteobacteria;*;g_Sutterella p_Bacteroidetes;*;g_Parabacteroides | 8 6 | 5 | 18 | 10 |
| p Bacteroidetes;*;g Parabacteroides | 9 | 6 | 8 | 7 |
| p Firmicutes;*;g Coprococcus | 14 | 13 | 5 | 8 |
| pFirmicutes;*;gPhascolarctobacterium | 13 | 7 | 17 | 9 |
| p Firmicutes;*;g Oscillospira | 10 | 8 | 14 | 15 |
| p Firmicutes;*;Other | 11 | 11 | 10 | 11 |
| p Firmicutes;*;g Lachnospira | 5 | 12 | 26 | 13 |
| p Firmicutes;*;Other | 16 | 16 | 12 | 12 |
| p Firmicutes;*;g | 22 | 24 | 7 | 23 |
| p Firmicutes;*;g Streptococcus | 24 | 20 | 9 | 24 |
| p Firmicutes;*;q | 17 | 19 | 7 9 15 | 14 |
| pFirmicutes;*;gDorea | 19 | 15 | 1.3 | 18 |
| p Firmicutes:*:a Roseburia l | 12 | 17 | 23 | 21 |
| pProteobacteria;*;gBilophila | 23 | 25 | 16 | 22 |
| p Proteobacteria;*;g Haemophilus | 21 | 14 | 28 | 34 |
| p Firmicutes;*;g Clostridium | 26 | 32 | 16 28 22 | 16 |
| Other;*;Other | 20 | 22 | 24 | 25 |
| p_Bacteroidetes;*;g | 18 | 21 | 29 | 26 |
| p Firmicutes;*;Other | 30 | 18 | 29 30 | 30 |
| p Firmicutes;*;g [Ruminococcus] | 31 | 29 | 19 20 31 | 28 |
| p Firmicutes;*;g Turicibacter | 41 | 27 | 20 | 20 |
| p Proteobacteria;*;g | 15 | 51 | 31 | 19 |
| pFirmicutes;*;gRuminococcus | 28 | 23 | 27 | 27 |
| p Actinobacteria;*;g Collinsella | 32 | 28 | 21 | 31 |
| p Firmicutes;*;g | 34 | 30 | 21 25 | 32 |
| p Firmicutes:*:a Anaerostipes | 33 | 26 | 34 | 29 |
| p_Bacteroidetes;*;g_Prevotella | 48 | 42 | 56 | 17 |
| pFirmicutes;*;gVeillonella | 25 | 31 | 38 | 33 |
| p Firmicutes;*;g Holdemania | 43 | 33 | 32 | 51 |
| p Actinobacteria;*;g | 46 | 35 | 35 | 35 |
| p Firmicutes;*;g Lachnobacterium | 40 | 38 | 36 | 36 |
| p Proteobacteria;*;Other | 27 | 66 | 46 | 39 |
| p Firmicutes;*;Other | 35 | 34 | 39 | 38 |
| pFirmicutes;*;gLactococcus | 52 | 84 | 33 | 94 |
| pFirmicutes;*;gSMB53 | 42 | 36 | 44 | 50 |
| p_Firmicutes;*;g_Dialister | 39 | 44 | 85 | 40 |
| p Proteobacteria;*;Other | 29 | 41 | 99 | 103 |
| pFirmicutes;*;g | 89 | 43 | 42 | 44 |
| p Proteobacteria;*;g | 44 | 37 | 51 | 83 |
| p_Bacteroidetes;*;g_[Prevotella] | 71 | 53 | 58 | 37 |
| pBacteroidetes;*;Other | 47 | 69 | 47 | 41 |
| pbacteroidetes, ,other pProteobacteria;*;g | 36 | 40 | 107 | 108 |
| p Bacteroidetes;*;g | 37 | 39 | 68 | 91 |
| p Bacteroidetes;*;g | 67 | 46 | 57 | 42 |
| p_bacteroractes, ,g_ | | | | |
| | > | $\hat{\mathcal{D}}$ | \mathcal{P} | .~ |

Rank Stability Index (in %