diets_h_pl_5_pre: rank matrix & stability

p_Bacteroidetes;**g_Bacteroides p_Verrucomicrobia;**g_Bacteroides p_Firmicutes;**g_Balutia p_Bacteroidetes;**g_Brevotella p_Bacteroidetes;**g_Brevotella p_Firmicutes;**g_Brevotella p_Firmicutes;**g_Balutia p_Bacteroidetes;**g_Brevotella p_Firmicutes;**g_Balutia p_Firmicutes;**g_Cobortia p_Firmicutes;**g		uiets_ii_p	n_5_pre. ra	lik iliatlix o	Stability
p_Verrucomicrobia;*g_ Dialister p_Verrucomicrobia;*g_ Pictomicrobia;*g_ Pictomicrobia;*g_ Prevetlal p_Bacteroidetes;*g_ Prevetlal p_Bacteroidetes;*g_ Prevetlal p_Bacteroidetes;*g_ Prevetlal p_Bacteroidetes;*g_ Prevetlal p_Bacteroidetes;*g_ Prevetlal p_Pictomicrobia;*g_ Prevet	p Bacteroidetes;*;q Bacteroides	1	1	2	1
p_Bacteroidetes;**g_Parabacterium p_Bacteroidetes;**g_Parabacterium p_Eirmicutes;**g_Bacealibacterium p_Bacteroidetes;**g_Bacealibacterium p_Bacteroidetes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Coprococcus p_Firmicutes;**g_Coprococcus p_Firmicutes;**g_Coprococcus p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Dacealibacterium p_Firmicutes;**		7	7	1	6
p_Bacteroidetes;**g_Parabacterium p_Bacteroidetes;**g_Parabacterium p_Eirmicutes;**g_Bacealibacterium p_Bacteroidetes;**g_Bacealibacterium p_Bacteroidetes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Eirmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Coprococcus p_Firmicutes;**g_Coprococcus p_Firmicutes;**g_Coprococcus p_Firmicutes;**g_Bacealibacterium p_Firmicutes;**g_Dacealibacterium p_Firmicutes;**	p Verrucomicrobia;*;g Akkermansia	37	2		3
p_Bacteroidetes;**g_Parabacteriodes p_Firmicutes;**g_17 p_Firmicutes;**g_17 p_Firmicutes;**g_14 p_Bacteroidetes;**g_14 p_Eacteroidetes;**g_14 p_Firmicutes;**g_12 p_Firmicutes;**g_14 p_Firmicutes;**g_15 p_Fi		8	4	4	4
p_Bacteroidetes;**g_Parabacteriodes p_Firmicutes;**g_17 p_Firmicutes;**g_17 p_Firmicutes;**g_14 p_Bacteroidetes;**g_14 p_Eacteroidetes;**g_14 p_Firmicutes;**g_12 p_Firmicutes;**g_14 p_Firmicutes;**g_15 p_Fi					2
p_Bacteroidetes;**g_Parabacteriodes p_Firmicutes;**g_17 p_Firmicutes;**g_17 p_Firmicutes;**g_14 p_Bacteroidetes;**g_14 p_Eacteroidetes;**g_14 p_Firmicutes;**g_12 p_Firmicutes;**g_14 p_Firmicutes;**g_15 p_Fi		3		5	9
p_Bacteroidetes;**g_Parabacteriodes p_Firmicutes;**g_17 p_Firmicutes;**g_17 p_Firmicutes;**g_14 p_Bacteroidetes;**g_14 p_Eacteroidetes;**g_14 p_Firmicutes;**g_12 p_Firmicutes;**g_14 p_Firmicutes;**g_15 p_Fi		2		22	12
p_Bacteroidetes;*g_ Parabacteroides p_Firmicutes;*g		5	6	7	
p_Firmicutes;*g_ facalibacterium		6	9	13	5
p_Firmicutes;*g_Faecalibacterium			12	6	14
Pacteroidetes;*1g		4	16	10	10
p_Firmicutes;**g_ Lachnospira			5	19	7
p_Firmicutes;**g_Ruminococcus p_Firmicutes;**g_Oscillospira	p Firmicutes:*:a				
p_Firmicutes;*g_Qosilospira p_Firmicutes;*g_Oscilospira p_Firmicutes;*g_Oscilospira p_Firmicutes;*g_Oscilospira p_Firmicutes;*g_Cother p_Bacteroidetes;*g_Dilpinia p_Firmicutes;*g_Clostridium p_Froteobacteria;*g_Bilophila p_Firmicutes;*;g_Cother p		9			
p_Firmicutes;*;9_Roseburia	p Firmicutes:*:a [Ruminococcus]	18		8	22
P Firmicutes;*; Q Roseburia 10	p Firmicutes:*:g Oscillospira	23		12	
p_Firmicutes;*;0ther p_Bacteroidetes;*g_19		10		18	15
p_Bacteroidetes;*;g		11		14	16
p_Firmicutes;*;g_Clostridium	p Bacteroidetes:*:a	19			
p_Frimicutes;*;g_Bilophila	p Firmicutes:*:a Clostridium				
p_Firmicutes;*,9 Coprococcus					25
p_Firmicutes;*;0ther p_Firmicutes;*;9		16			21
p_Actinobacteria;*;g_Bifidobacterium				23	
p_Actinobacteria;*;g_Bifidobacterium		34		15	29
p_Actinobacteria;*;0_Colinsella p_Bacteroidetes;*;g_Odoribacter p_Firmicutes;*;g_Dorea p_Eirmicutes;*;g_Dorea p_Eirmicutes;*;g_Dorea p_Eirmicutes;*;g_Dorea p_Eirmicutes;*;g_Dorea p_Eirmicutes;*;g_Dorea p_Eirmicutes;*;g_Dorea p_Eirmicutes;*;g_Dorea p_Eirmicutes;*;g_Dorea p_Firmicutes;*;g_Dorea p_Fi	n Actinobacteria *: a Bifidobacterium				24
p_Actinobacteria;*;g_Collinsella 36 29 21 27 p_Bacteroidetes;*;g_Ordoribacter 32 17 34 26 p_Firmicutes;*;g_Drevatellal 26 30 25 31 p_Firmicutes;*;g_Ruminococcus 13 31 28 28 p_Eirmicutes;*;g_Irrevotellal 62 56 44 18 p_Fiusobacteria;*;g_Oxalobacter 77 21 42 40 p_Firmicutes;*;Other 27 69 29 52 p_Firmicutes;*;Other 27 69 29 52 p_Firmicutes;*;Other 25 38 33 51 p_Firmicutes;*;Other 25 38 33 51 p_Firmicutes;*;Other 27 89 32 38 p_Proteobacteria;*;g_Haemophilus 82 35 46 34 p_Bacteroidetes;*;g_Begerthella 56 47 35 47 p_Eirmicutes;*;g_Veillonella 49 74 36 65 p_Actinobacte	Other:*:Other				
p_Firmicutes;*;g_Dorea	n Actinobacteria:*:a Collinsella				
p_Firmicutes;*;g_Dorea p_Firmicutes;*;g_Ruminococcus 13 31 28 28 28 p_Firmicutes;*;g_Prevotellal 162 56 44 18 p_Fusobacteria;*;g_Fusobacterium 72 25 30 32 p_Fusobacteria;*;g_Oxalobacter 77 21 42 40 p_Firmicutes;*;g_Streptococcus 30 59 29 52 p_Firmicutes;*;g_Streptococcus 30 59 32 38 p_Firmicutes;*;g_Megasphaera 22 71 56 39 p_Proteobacteria;*;g_Megasphaera 22 71 56 39 p_Proteobacteria;*;g_Megasphaera 22 71 56 39 p_Proteobacteria;*;g_Megasphaera 22 71 56 39 p_Pacteroidetes;*;g_Megasphaera 22 71 56 39 p_Firmicutes;*;g_Megasphaera 22 71 56 39 p_Pacteroidetes;*;g_Megasphaera 35 46 34 p_Bacteroidetes;*;g_Megasphaera 35 46 34 33 p_Actinobacteria;*;g_Figerthella 56 47 35 47 p_Firmicutes;*;0ther 35 67 45 46 p_Firmicutes;*;g_Butyricimonas 31 53 69 42 p_Firmicutes;*;g_Butyricimonas 31 53 69 42 p_Firmicutes;*;g_Veillonella 49 74 36 65 p_Firmicutes;*;g_Veillonella 49 74 36 65 p_Bacteroidetes;*;g_Veillonella 44 55 53 35 35 p_Bacteroidetes;*;g_Veillonella 49 74 36 65 p_Bacteroidetes;*;g_Veillonella 49 74 36 65 p_Bacteroidetes;*;g_Vei	n Bacteroidetes:*:a Odoribacter	32			26
p_Firmicutes;*;g_Ruminococcus p_Bacteroidetes;*;g_[Prevotella] p_Fusobacteria;*;g_Fusobacterium p_Proteobacteria;*;g_Oxalobacter p_Firmicutes;*;Other p_Firmicutes;*;Other p_Firmicutes;*;g_Megasphaera p_Froteobacteria;*;g_Megasphaera p_Proteobacteria;*;g_Megasphaera p_Proteobacteria;*;g_Megasphaera p_Firmicutes;*;g_Megasphaera p_Firmicutes;*;g_Megasphaera p_Firmicutes;*;g_Megasphaera p_Firmicutes;*;g_Megasphaera p_Proteobacteria;*;g_Megasphaera p_Firmicutes;*;g_Megasphaera p_Firmicutes;*;g_Baugasphaera p_Firmicutes;*;g_Baugasphaera p_Firmicutes;*;g_Baugasphaera p_Firmicutes;*;g_Baugasphaera p_Firmicutes;*;g_Baugasphaera p_Firmicutes;*;g_Baugasphaera p_Firmicutes;*;g_Baugasphaera p_Firmicutes;*;g_Baugasphaera p_Firmicutes;*;g_Paraprevotella p_Firmicutes;*;g_Paraprevotella p_Firmicutes;*;g_Phascolarctobacterium p_Firmicutes;*;g_Phascolarctobacterium p_Firmicutes;*;g_Floldemania p_Floldemania p_Fl	n Firmicutes:*:a Dorea	26		25	31
p_Bacteroidetes;*;g_[Prevotella] p_Fusobacteria;*;g_Fusobacterium p_Proteobacteria;*;g_Oxalobacter p_Firmicutes;*;Other p_Proteobacteria;*;g_Dacteroidetes;*;g_Dac					28
p_Fusobacteria;*;g_Fusobacterium	n Bacteroidetes:*:g [Prevotella]				
p_Proteobacteria;*;g_Oxalobacter p_Firmicutes;*;Other p_Firmicutes;*;Other p_Firmicutes;*;Other p_Firmicutes;*;Other p_Firmicutes;*;Other p_Firmicutes;*;Other p_Firmicutes;*;Other p_Proteobacteria;*;g_Megasphaera p_Proteobacteria;*;g_Megasphaera p_Proteobacteria;*;g_Megasphaera p_Bacteroidetes;*;g_Megasphaera p_Bacteroidetes;*;g_Megasphaera p_Bacteroidetes;*;g_Megasphaera p_Bacteroidetes;*;g_Megasphaera p_Bacteroidetes;*;g_Megasphaera p_Bacteroidetes;*;g_Megasphaera p_Bacteroidetes;*;g_Megasphaera p_Bacteroidetes;*;g_Megasphaera p_Bacteroidetes;*;g_Begerthella p_Firmicutes;*;g_Megasphaera p_Bacteroidetes;*;g_Begerthella p_Firmicutes;*;g_Veillonella p_Firmicutes;*;g_Veillonella p_Proteobacteria;*;g_Megasphaera p_Bacteroidetes;*;g_Veillonella p_Bacteroidetes;*;g_Veillonella p_Bacteroidetes;*;g_Adlercreutzia p_Bacteroidetes;*;g_Adlercreutzia p_Bacteroidetes;*;g_Phascolarctobacterium p_Firmicutes;*;g_Phascolarctobacterium p_Firmicutes;*;g_Holdemania p_Firmicutes;*;g_Holdemania p_Firmicutes;*;g_Elubacterium] solution solutio	n Fusohacteria:*:g Fusohacterium				
p_Firmicutes;*;Other p_Firmicutes;*;Other p_Firmicutes;*;Qther p_Firmicutes;*;Qther p_Firmicutes;*;Qther p_Firmicutes;*;Qther p_Firmicutes;*;Qther p_Firmicutes;*;Qther p_Froteobacteria;*;Qther p_Proteobacteria;*;Qther p_Bacteroidetes;*;Qther p_Bacteroidetes;*;Qther p_Bacteroidetes;*;Qther p_Firmicutes;*;Other p_Bacteroidetes;*;Other p_Bacteroidetes;*;Qther p_Firmicutes;*;Other p_Bacteroidetes;*;Qther p_Bacteroidetes;*;Qther p_Bacteroidetes;*;Qther p_Bacteroidetes;*;Qther p_Bacteroidetes;*;Qther p_Bacteroidetes;*;Qther p_Bacteroidetes;*;Qther p_Bacteroidetes;*;Qther p_Firmicutes;*;Qther p_Fi	n Protechacteria:*:g Oxalohacter	77			
p_Firmicutes;*;g_Streptococcus 30 59 32 38 p_Firmicutes;*;Other 25 38 33 51 p_Firmicutes;*;g_Megasphaera 22 71 56 39 p_Proteobacteria;*;g_Haemophilus 27 80 41 p_Proteobacteria;*;g_Haemophilus 82 35 46 34 p_Bacteroidetes;*;g_Eggerthella 56 47 35 47 p_Firmicutes;*;Q_Veillonella 49 45 46 p_Firmicutes;*;g_Veillonella 49 74 36 65 p_Actinobacteria;*;g_Adlercreutzia 55 46 37 45 p_Bacteroidetes;*;g_Adlercreutzia 55 46 37 45 p_Bacteroidetes;*;g_Paraprevotella 44 55 53 35 p_Firmicutes;*;g_Holdemania 71 77 77 p_Firmicutes;*;g_Holdemania 71 77 38 43 p_Firmicutes;*;g_Elebacterium] 50 34 40 53		27			
p_Firmicutes;*;Other 25 38 33 51 p_Firmicutes;*;g_Megasphaera 22 71 56 39 p_Proteobacteria;*;g_Haemophilus 82 35 46 34 p_Bacteroidetes;*;g_Bacteroidetes;*;g_Sp_Firmicutes;*;Other 58 33 48 33 p_Firmicutes;*;Q_Firmicutes;*;Qther 35 67 45 46 p_Firmicutes;*;Q_Firmicutes;*;Q_Veillonella 49 74 36 65 p_Proteobacteria;*;g_Veillonella 49 74 36 65 p_Proteobacteria;*;g_Veillonella 49 74 36 65 p_Bacteroidetes;*;g_Veillonella 49 74 36 65 p_Bacteroidetes;*;g_Paraprevotella 44 55 53 35 p_Bacteroidetes;*;g_Phascolarctobacterium 29 73 77 77 p_Firmicutes;*;g_Holdemania 71 77 38 43 p_Firmicutes;*;g_Elubacterium] 50 34 40 53		30		32	
p_Firmicutes;*;g_Megasphaera 22 71 56 39 p_Proteobacteria;*;g_Haemophilus 82 35 46 34 p_Bacteroidetes;*;g_Bacteroidetes;*;g_Segerthella 58 33 48 33 p_Actinobacteria;*;g_Eggerthella 56 47 35 47 p_Firmicutes;*;g_Butyricimonas 31 53 69 42 p_Firmicutes;*;g_Veillonella 49 74 36 65 p_Actinobacteria;*;g_Veillonella 49 74 36 65 p_Actinobacteria;*;g_Adlercreutzia 55 46 37 45 p_Bacteroidetes;*;g_Paraprevotella 44 55 53 35 p_Firmicutes;*;g_Phascolarctobacterium 29 73 77 77 p_Firmicutes;*;g_Elubacterium] 50 34 40 53		25			
p_Proteobacteria;*;g_Haemophilus		22			
p_Bacteroidetes;*;g 58 33 48 33 p_Actinobacteria;*;g_Eggerthella 56 47 35 47 p_Firmicutes;*;y_Betyricimonas 31 53 69 42 p_Firmicutes;*;g_Veillonella p_Proteobacteria;*;g 49 74 36 65 p_Actinobacteria;*;g_Adlercreutzia p_Bacteroidetes;*;g_Paraprevotella p_Bacteroidetes;*;g_Paraprevotella p_Brimicutes;*;g_Phascolarctobacterium p_Firmicutes;*;g_Phascolarctobacterium p_Firmicutes;*;g_Phascolarctobacterium p_Firmicutes;*;g_Bacteroidetes;*;	n Protechacteria:*:g				
p_Bacteroidetes;*;g 58 33 48 33 p_Actinobacteria;*;g_Eggerthella 56 47 35 47 p_Firmicutes;*;y_Betyricimonas 31 53 69 42 p_Firmicutes;*;g_Veillonella p_Proteobacteria;*;g 49 74 36 65 p_Actinobacteria;*;g_Adlercreutzia p_Bacteroidetes;*;g_Paraprevotella p_Bacteroidetes;*;g_Paraprevotella p_Brimicutes;*;g_Phascolarctobacterium p_Firmicutes;*;g_Phascolarctobacterium p_Firmicutes;*;g_Phascolarctobacterium p_Firmicutes;*;g_Bacteroidetes;*;		82			
p_Actinobacteria;*;g_Eggerthella 56 47 35 47 p_Firmicutes;*;Other 35 67 45 46 p_Bacteroidetes;*;g_Butyricimonas 31 53 69 42 p_Firmicutes;*;g_Veillonella 49 74 36 65 p_Proteobacteria;*;g 39 32 43 82 p_Actinobacteria;*;g_Adlercreutzia 55 46 37 45 p_Bacteroidetes;*;g_Paraprevotella 44 55 53 35 Firmicutes;*;g_Phascolarctobacterium 29 73 77 77 p_Firmicutes;*;g_Holdemania 71 77 38 43 p_Firmicutes;*;g_Ebubacterium] 50 34 40 53	n Bacteroidetes:*:a	58			
p_Firmicutes;*;Other p_Bacteroidetes;*;g_Butyricimonas 31 53 69 42 p_Firmicutes;*;g_Veillonella 49 74 36 65 p_Proteobacteria;*;g_ 39 32 43 82 p_Actinobacteria;*;g_Adlercreutzia 55 46 37 45 p_Bacteroidetes;*;g_Paraprevotella 44 55 53 35 Firmicutes;*;g_Phascolarctobacterium 29 73 77 77 p_Firmicutes;*;g_Holdemania p_Firmicutes;*;g_Elubacterium] 50 34 40 53	n Actinohacteria.*:g Eggerthella	56			
p_Bacteroidetes;*;g_Butyricimonas 31 53 69 42 p_Firmicutes;*;g_Veillonella 49 74 36 65 p_Proteobacteria;*;g_Sacteroidetesia;*;g_Adlercreutzia 55 46 37 45 p_Bacteroidetes;*;g_Paraprevotella 44 55 53 35 Firmicutes;*;g_Phascolarctobacterium 29 73 77 77 p_Firmicutes;*;g_Holdemania 71 77 38 43 p_Firmicutes;*;g_Elubacterium] 50 34 40 53		35			
p_Firmicutes;*;g_Veillonella 49 74 36 65 p_Proteobacteria;*;g_ 39 32 43 82 p_Actinobacteria;*;g_Aldercreutzia 55 46 37 45 p_Bacteroidetes;*;g_Paraprevotella 44 55 53 35 Firmicutes;*;g_Phascolarctobacterium 29 73 77 77 p_Firmicutes;*;g_Holdemania 71 77 38 43 p_Firmicutes;*;g_[Eubacterium] 50 34 40 53	n Bacteroidetes·*: a Butyricimonas				
p_Proteobacteria;*;g 39 32 43 82 p_Actinobacteria;*;g_Adlercreutzia 55 46 37 45 p_Bacteroidetes;*;g_Paraprevotella 44 55 53 35 Firmicutes;*;g_Phascolarctobacterium 29 73 77 77 p_Firmicutes;*;g_Holdemania 71 77 38 43 p_Firmicutes;*;g_[Eubacterium] 50 34 40 53					
p_Actinobacteria;*;g_Adlercreutzia 55 46 37 45 p_Bacteroidetes;*;g_Paraprevotella 44 55 53 35 Firmicutes;*;g_Phascolarctobacterium 29 73 77 77 p_Firmicutes;*;g_Holdemania 71 77 38 43 p_Firmicutes;*;g_[Eubacterium] 50 34 40 53					
p_Bacteroidetes;*;g_Paraprevotella 44 55 53 35 _Firmicutes;*;g_Phascolarctobacterium 29 73 77 77 p_Firmicutes;*;g_Holdemania 71 77 38 43 p_Firmicutes;*;g_[Eubacterium] 50 34 40 53					
Firmicutes;*;g_Phascolarctobacterium 29 73 77 77 p_Firmicutes;*;g_Holdemania 71 77 38 43 p_Firmicutes;*;g_[Eubacterium] 50 34 40 53	n Bacteroidetes:*:a Paraprevotella				
p_Firmicutes;*;g_Holdemania 71 77 38 43 p_Firmicutes;*;g_[Eubacterium] 50 34 40 53	Firmicutes:*·a Phascolarctohacterium				
p_Firmicutes;*;g_[Eubacterium] 50 34 40 53			77		
1	n Firmicutes:*:a [Fuhacterium]	50			
	F				

Rank Stability Index (in %