## Significant taxa monotonically decreased or increased

1.0 0.5 0.0

-0.5 -1.0

				Sig	iiiiicaiii iax	a monotonically decreased	a or increa	aseu			
			AAM						AFR		
Weissella et rel.	-0.13	-0.13	-0.16	-0.17	-0.23	Yersinia et rel.	0	-0.2	-0.28	-0.3	-0.51
Uncultured Clostridiales I	-0.54	-0.54	-0.54	-0.54	-0.54	Weissella et rel.	0	-0.5	-1.08	-1.23	-1.42
Uncultured Bacteroidetes -	0.18	0.31	0.33	0.4	0.47	Uncultured Clostridiales II	0.21	0.21	0.87	0.87	0.87
Sutterella wadsworthia et rel.	-0.11	-0.39	-0.46	-0.46	-0.46	Streptococcus mitis et rel.	0	0	-0.28	-0.28	-0.55
						Streptococcus bovis et rel.	0	0	-0.99	-0.99	-1.23
Subdoligranulum variable at rel.	0	-0.09	-0.34	-0.34	-0.61	Sporobacter termitidis et rel.  Roseburia intestinalis et rel.	0.3	0.45	0.68 -0.01	0.68 -0.14	0.68 -0.47
Streptococcus mitis et rel.	0	0	0	-0.11	-0.42	Proteus et rel.	-0.11	0 -0.2	-0.01	-0.14	-0.47 -0.47
Ruminococcus obeum et rel.	0	-0.06	-0.51	-0.62	-0.9	Propionibacterium	-0.01	-0.13	-0.13	-0.13	-0.39
Ruminococcus lactaris et rel	0	0	-0.33	-0.33	-0.48	Prevotella ruminicola et rel.	-0.47	-0.48	-0.48	-0.48	-0.48
Ruminococcus gnavus et rel.	0	-0.03	-0.54	-0.75	-0.91	Prevotella oralis et rel.	-0.28	-0.56	-0.97	-0.97	-0.97
Phascolarctobacterium faecium et rel.	0	0	-0.4	-0.4	-0.4	Prevotella melaninogenica et rel.	-0.16	-0.49	-1.17	-1.17	-1.17
Peptococcus niger et rel.	0	-0.07	-0.07	-0.08	-0.25	Peptostreptococcus micros et rel.	0	-0.06	-0.06	-0.06	-0.28
Oxalobacter formigenes et rel.	0.15	0.21	0.43	0.6	0.6	Parabacteroides distasonis et rel.	0	0	0.46	0.46	0.46
Outgrouping clostridium cluster XIVa	0.10	0	-0.31	-0.38	-0.5	Oscillospira guillermondii et rel.	0.21	0.67	1.19	1.19	1.19
-						Oceanospirillum – Mitsuokella multiacida et rel.	-0.25 0	-0.25 0	-0.25 -0.4	-0.36 -0.4	-0.55 -0.9
Oceanospirillum -	0	0	0.31	0.36	0.36	Megamonas hypermegale et rel.	0	-0.09	-0.4	-0.4	-0.9
Lachnobacillus bovis et rel.	0.09	0.09	0.27	0.32	0.62	Lactobacillus salivarius et rel.	-0.07	-0.14	-0.14	-0.22	-0.61
Eubacterium ventriosum et rel.	0	0	-0.21	-0.47	-0.47	Lactobacillus gasseri et rel.	-0.03	-0.15	-0.15	-0.15	-0.37
Eubacterium siraeum et rel. —	0.04	0.04	0.33	0.42	0.65	Helicobacter -	-0.02	-0.1	-0.1	-0.1	-0.34
Eubacterium rectale et rel	0	-0.13	-0.16	-0.43	-0.6	Eubacterium rectale et rel.	0	-0.04	-0.04	-0.24	-0.48
Eubacterium hallii et rel.	0	0	-0.27	-0.55	-0.79	Eubacterium biforme et rel. —	0.29	0.29	0.42	0.42	0.56
Eubacterium biforme et rel.	0	0	-0.53	-0.53	-0.56	Enterococcus	0	-0.57	-0.57	-0.63	-0.71
Dorea formicigenerans et rel.	0	0	-0.35	-0.46	-0.71	Enterobacter aerogenes et rel.	0	-0.12	-0.41	-0.58	-0.58
Dialister —	-0.05	-0.05	-0.49	-0.68	-0.81	Conrebacillus estenatormia et rel	0	-0.1 -0.18	-0.1 -0.18	-0.1 -0.18	-0.35 -0.42
-						Coprobacillus catenaformis et rel.  Clostridium stercorarium et rel.	0	0.10	0	-0.16	-0.42
Coprococcus eutactus et rel.	0	-0.1	-0.26	-0.39	-0.65	Clostridium sphenoides et rel.	0.23	0.23	0.25	0.25	0.45
Collinsella -	0	0	-0.28	-0.28	-0.6	Clostridium ramosum et rel.	-0.01	-0.13	-0.13	-0.13	-0.32
Clostridium symbiosum et rel.	0	-0.34	-0.62	-0.62	-0.66	Clostridium orbiscindens et rel.	0.38	0.38	0.93	0.93	0.93
Clostridium sphenoides et rel.	0	-0.03	-0.45	-0.52	-0.65	Clostridium nexile et rel.	0.54	0.54	0.54	0.54	0.54
Clostridium orbiscindens et rel. —	0	-0.13	-0.15	-0.17	-0.5	Clostridium colinum et rel.	0.08	0.08	0.9	0.9	0.9
Clostridium nexile et rel.	0	-0.03	-0.3	-0.54	-0.82	Clostridium cellulosi et rel.	0.89	0.97	0.97	0.97	0.97
Clostridium cellulosi et rel.	0	0	-0.15	-0.15	-0.63	Campylobacter —	0	-0.12	-0.12	-0.12	-0.34
Catenibacterium mitsuokai et rel.	0	0	0	-0.21	-1.08	Bulleidia moorei et rel.	0.34	0.34	0.54	0.54	0.54
Butyrivibrio crossotus et rel.	0.08	0.08	0.31	0.45	0.6	Bacteroides uniformis et rel.  Bacteroides fragilis et rel.	0.09	0.52	0.86	0.86	0.86
-						Bacillus —	0.15	-0.15	-0.15	-0.15	-0.36
Bryantella formatexigens et rel.	0	0	-0.6	-0.82	-0.82	Anaerovorax odorimutans et rel.	0.36	0.36	0.56	0.56	0.56
Bifidobacterium —	0	0	-0.01	-0.01	-0.67	Anaerotruncus colihominis et rel.	0.02	0.23	0.6	0.68	0.68
Bacteroides splachnicus et rel.	0	0	0	0.12	0.54	Alcaligenes faecalis et rel.	-0.67	-0.67	-0.67	-0.7	-0.82
Bacteroides ovatus et rel. —	0.15	0.15	0.32	0.32	0.43	Akkermansia -	0.2	0.2	0.6	0.6	0.6
	HE1	HE2	DI1	DI2	ED2		HE1	HE2	DI1	DI2	ED2