

Supplementary table 3 - Differences between these two OAB subgroups based on hierarchical clustering of weighted UniFrac distance metric

Variables	OAB patients in cluster 1 and cluster 3	OAB patients in cluster 2	<i>P</i> value
	(n=16)	(n=14)	
BMI	20.70	20.24	0.56
Age (y)	35.44	29.36	0.14
OABSS	8.00	7.50	0.54
Daytime frequency	1.75	1.57	0.32
Nighttime frequency	2.06	2.21	0.58
Urgency	3.75	3.50	0.61
Urgency incontinence	0.56	0.21	0.40
SDS	53.61	49.54	0.21
SAS	52.59	50.58	0.52
Chao1	1921.74	1954.18	0.95
Observed Species	845.94	768.71	0.63
Shannon	4.61	3.64	0.10
Simpson	0.66	0.82	0.07
Pielous	0.41	0.28	0.10