Α **Lower Keys 1** Inshore Inshore Inshore Pre Irma **Post** 1.00 Phylum, Order 0.75 Actinobacteriota-Microtrichales Bacteroidota-Chitinophagales 0.50 Actinobacteriota-Propionibacteriales Bacteroidota-Other 0.25 Actinobacteriota-Actinomarinales Proteobacteria-Burkholderiales Proteobacteria-Thalassobaculales Actinobacteriota-Corynebacteriales Abundance Proteobacteria-Kiloniellales Actinobacteriota-Other Offshore Offshore Offshore Cyanobacteria-Phormidesmiales Proteobacteria-Pseudomonadales Cyanobacteria-Cyanobacteriales Proteobacteria-Other Pre Irma Post Cyanobacteria-Synechococcales Other-Pirellulales 1.00 Cyanobacteria-Eurycoccales Other-Desulfobacterales 0.75 Other-Phylum_NB1-j Cyanobacteria-Other Bacteroidota-Cytophagales Other-Phycisphaerales 0.50 Bacteroidota-Flavobacteriales Other-Other 0.25 Bacteroidota-Class_Bacteroidia 0.00 Sample В **Upper Keys 1** Offshore Inshore Inshore Pre Irma Pre 1.00 Phylum, Order Actinobacteriota-Microtrichales Bacteroidota-Chitinophagales Bacteroidota-Other Actinobacteriota-Propionibacteriales 0.75 Proteobacteria-Burkholderiales Actinobacteriota-Actinomarinales Actinobacteriota-Corynebacteriales Proteobacteria-Thalassobaculales Abundance Actinobacteriota-Other Proteobacteria-Kiloniellales Cyanobacteria-Phormidesmiales Proteobacteria-Pseudomonadales 0.50 Cyanobacteria-Cyanobacteriales Proteobacteria-Other Cyanobacteria-Synechococcales Other-Pirellulales Cyanobacteria-Eurycoccales Other-Desulfobacterales Cyanobacteria-Other Other-Phylum_NB1-j 0.25 Other-Phycisphaerales Bacteroidota-Cytophagales Bacteroidota-Flavobacteriales Other-Other Bacteroidota-Class_Bacteroidia 0.00 Sample C **Upper Keys 2** Inshore Inshore Inshore Pre Irma **Post** 1.00 Phylum, Order 0.75 Actinobacteriota-Microtrichales Bacteroidota-Chitinophagales 0.50 Actinobacteriota-Propionibacteriales Bacteroidota-Other 0.25 Actinobacteriota-Actinomarinales Proteobacteria-Burkholderiales Proteobacteria-Thalassobaculales Actinobacteriota-Corynebacteriales 0.00 Abundance 1.00 Actinobacteriota-Other Proteobacteria-Kiloniellales Proteobacteria-Pseudomonadales Cyanobacteria-Phormidesmiales Offshore Offshore Offshore Cyanobacteria-Cyanobacteriales Proteobacteria-Other Pre Irma Post Cyanobacteria-Synechococcales Other-Pirellulales Cyanobacteria-Eurycoccales Other-Desulfobacterales 0.75 Cyanobacteria-Other Other-Phylum_NB1-j Bacteroidota-Cytophagales Other-Phycisphaerales 0.50 Bacteroidota-Flavobacteriales Other-Other 0.25 Bacteroidota-Class_Bacteroidia 0.00 Sample