2017 Edamame Computational Understanding Scale I can name at least two differentmicrobial metagenomic databases Pre 50% 50% 8% 92% Post I know how to assemble shotgun metagenomic data. Pre 85% 15% Post 12% 88% I know how to assess the quality of Illumina Data Pre 62% 38% Post 8% 92% I know how to map reads in metagenome analysis 23% Pre 77% Post 23% 77% I know how to run R. 77% Pre 23% Post 0% 100% I know how to start an EC2 instance Pre 96% 4% Post 0% 100% I know how to use metadata to guide community analyses Pre 50% 50% Post 4% 96% I know the computational commands to summarize sequencing data 92% 8% Pre Post 12% 88% I know the difference between within-sample (alpha) and comparative (beta) diversity Pre 23% 77% Post 0% 100% I know what a CD Package is Pre 88% 12% Post 0% 100% I know what a contig is Pre 31% 69% 0% 100% Post I know what a K-MER is Pre 58% 42% 31% 69% Post I understand the structure of an OTU table Pre 35% 65% Post 8% 92% I understand what CD means Pre 19% 81% Post 0% 100% 100 50 0 50 100 Percentage Strongly Disagree Response Disagree Agree Strongly Agree