2018 Edamame Computational Understanding Scale

Figure showing diverging stacked bar charts comparing Pre and Post survey responses for twelve statements:

I can name at least two different microbial metagenomic databases
- Pre: 54% / 46%
- Post: 4% / 96%

I know how to assess the quality of Illumina Data
- Pre: 65% / 35%
- Post: 4% / 96%

I know how to run R.
- Pre: 15% / 85%
- Post: 0% / 100%

I know how to start an EC2 instance
- Pre: 88% / 12%
- Post: 0% / 100%

I know how to use metadata to guide community analyses
- Pre: 62% / 38%
- Post: 4% / 96%

I know the computational commands to summarize sequencing data
- Pre: 92% / 8%
- Post: 4% / 96%

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: 8% / 92%
- Post: 0% / 100%

I know what a contig is
- Pre: 23% / 77%
- Post: 4% / 96%

I know what a K−MER is
- Pre: 58% / 42%
- Post: 4% / 96%

I understand the structure of an OTU table
- Pre: 38% / 62%
- Post: 0% / 100%

I understand what CD means
- Pre: 27% / 73%
- Post: 0% / 100%

Percentage

Response: Strongly Disagree | Disagree | Agree | Strongly Agree