2018 Edamame Perceived Computational Ability Scale

Developing a Computing Workflow

Pre	92%	8%
Post	29%	71%

Level of ability: Assembling Metagenomes and Determining Quality

Pre	96%	4%
Post	38%	62%

Level of ability: Choosing Ecological Statistics

Pre	62%	38%
Post	21%	79%

Level of ability: Executing R Script

Pre	38%	62%
Post	13%	87%

Level of ability: Installing and Running Mothur

Pre	92%	8%
Post	12%	88%

Level of ability: Installing Software on Amazon E2 Image

Pre	96%	4%
Post	12%	88%

Level of ability: Navigating Terminal

Pre	77%	23%
Post	8%	92%

Level of ability: Running a Local BLAST

Pre	65%	35%
Post	9%	91%

Level of ability: Using Amazon EC2

Pre	96%	4%
Post	4%	96%

Retrieving Data from NCBI

Pre	62%	38%
Post	17%	83%

Percentage

Response: I'm not sure what this is | No Ability | Low Ability | Intermediate Ability