

Category	subCategory	BiomMiner	phyloseq	QIIME	QIIME2	mothur
Upstream data analysis						
	Sequence processing	1	0	1	1	1
	upstream QC	1	0	0	1	0
Overview						
	Taxonomy composition	T/G	G	T/G	T/G	T
	Sample abundance	T/G	G	T/G	T/G	T
	Rarefaction analysis	T/G	0	T/G	T/G	T
ALPHA diversity						
	Richness	T/G	G	T/G	T/G	T
	Evenness	T/G	G	T/G	T/G	T
	Diversity	T/G	G	T/G	T/G	T
Differential abundance analysis						
	Lefse	T/G	0	0	0	T
	Metastats	T/G	0	0	0	T
	Kruskall-Wallis	T/G	0	T	T	T
BETA diversity: Ordination						
	PCoA	T/G	G	T/G	T/G	T
	NMDS	T/G	G	T/G	T/G	T
BETA diversity: Hypothesis testing						
	ANOSIM	T/G	0	T	T	T
	AMOVA	T/G	0	0	0	T
	HOMOVA	T/G	0	0	0	T
	LIBSHUFF	T/G	0	0	0	T
	PERMANOVA	T/G	0	T	T	0
Machine learning						
	prediction score ROC Curve	T/G	0	0	0	0
	Important Feature selection	T/G	0	0	0	0
	prediction score distribution	T/G	0	0	0	0

1	Available
0	Not Available
T	Text based result
G	Graphic based result
T/G	Text and Graphic based result