(2)

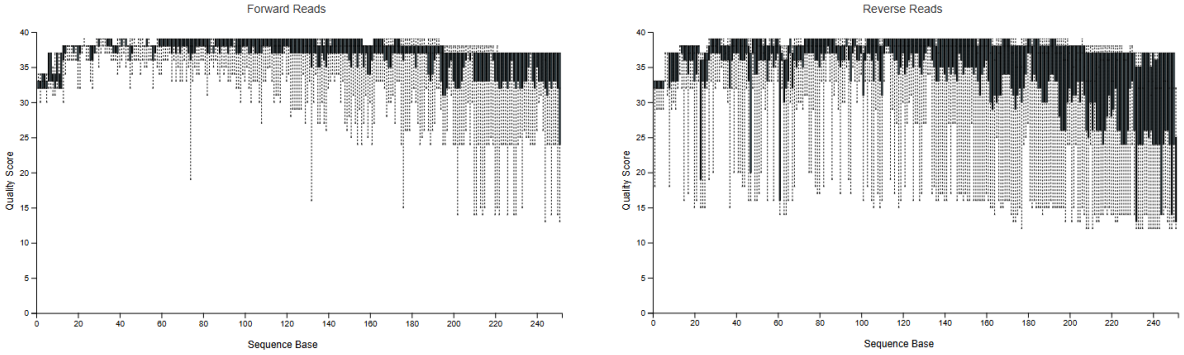
QIIME 2 Library View Forum

qiime2view File: **demux.qzv** ×

Visualization Citations Provenance Metadata

Overview | Interactive Quality Plot

Click and drag on plot to zoom in. Double click to zoom back out to full size. Hover over a box to see the parametric seven-number summary of the quality scores at the corresponding position.



(3)

QIIME 2 Library View Forum

qiime2view File: **rep-seqs.qzv** ×

Visualization Citations Provenance Metadata

Sequence Length Statistics

Download sequence-length statistics as a TSV

Sequence Count	Min Length	Max Length	Mean Length	Range	Standard Deviation
1969	194	338	197.4	144	11.0

Seven-Number Summary of Sequence Lengths

Download seven-number summary as a TSV

Percentile:	2%	9%	25%	50%	75%	91%	98%
Length* (nts):	194	194	194	194	194	212	219

*Values rounded down to nearest whole number.

Sequence Table

To BLAST a sequence against the NCBI nt database, click the sequence and then click the *View report* button on the resulting page.

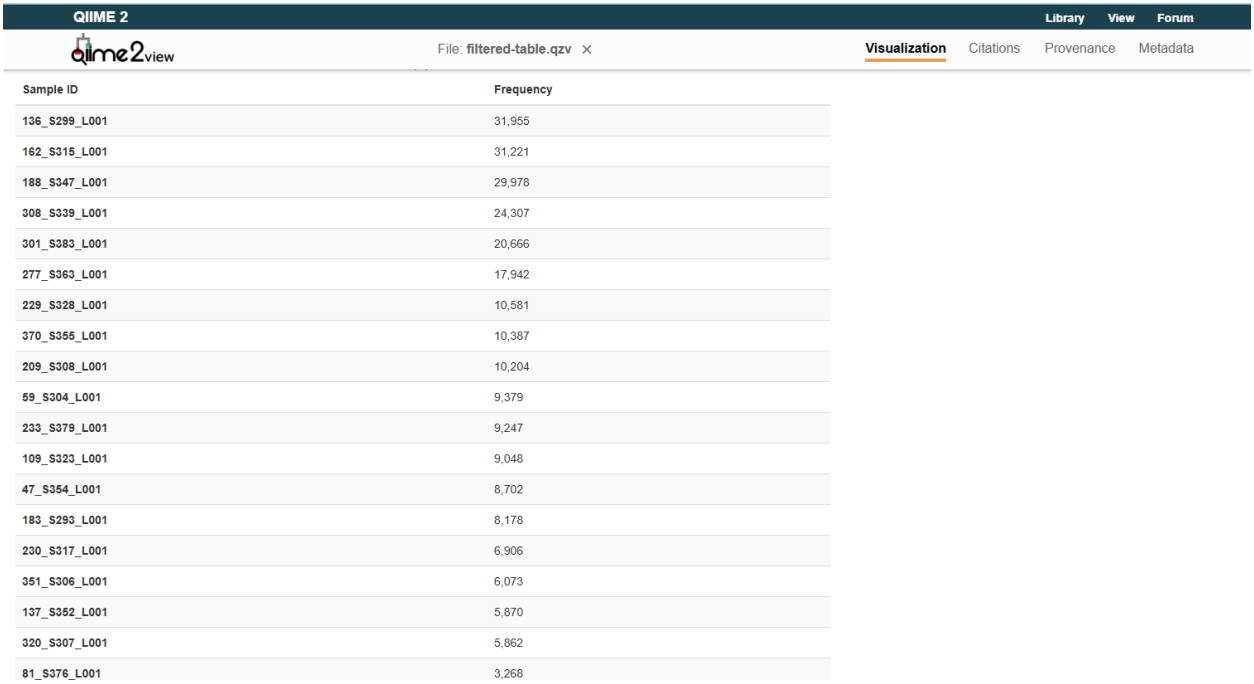
Download your sequences as a raw FASTA file

Click on a Column header to sort the table.

Feature ID	Sequence
9edfc81341f046fe992ab657c442e416	ATTGATCAGTCAGACGTGAAATTCCTGGGCTTAACCTGGGGGCTGCGTTTGAGACGGTTGATCTAGAGTGGGGAAGAGGGTCGTGGAATTCCCAGTGTAGAGGTGAAATTCGTAGATATTGGGAAGAACACCGGTGGCGAAGGCGGCGACCTGGTCCTT
1820dcff89ec9861f232899ee8ade9f8	TTTTGTAAGTTTGTCGTGAAATCCCCGGGCTCAACCTGGGAATGGCGATGAAGACTGCAAGGCTAGAGTTTGGCAGAGGGGGGTAGAATTCCACGTGTAGCAGTGAAATGCGTAGATATGTGGAGGAACACCGATGGCGAAGGCAGCCCCCTGGGTCAA
649af25ca02953f58fe0ce1726e6b6eb	ATTGCTTTGTCAGATGTGAAATTCCAGGGCTTAACCTTGGGGCTGCATTTGAGACGGGTGATCTAGAGTGGAGAAGAGGGTCGTGGAATTCCCAGTGTAGAGGTGAAATTCGTAGATATTGGGAAGAACACCGGTGGCGAAGGCGGCGACCTGGTCTTT
f2af75f5e614ee4d723b656a2bdfa061	ACAGTTCAGTCGGGGGTGAAAGCCCGGGGCTCAACCTCGGAATTGCCTTCGATACTGGCTGTCTTGAGTATGAGAGAGGTGTGTGGAACTCCGAGTGTAGAGGTGAAATTCGTAGATATTCGGAAGAACACCAGTGGCGAAGGCGACACACTGGCTCAT
ef9c2c80ae39106ce90ef701213c96b6	TTCTATAAGACAGATGTGAAATCCCCGGGCTCAACCTGGGAACTGCATTTGTGACTGTAGAGCTGGAGTGCGGCAGAGGGGGATGGAATTCCGCGTGTAGCAGTGAAATGCGTAGATATGCGGAGGAACACCGATGGCGAAGGCAATCCCCTGGGCCTG
e091b0b01a609db8df27475a95fc2128	CTTAGTAAGTCTACTGTGAAAGTCCAGGGCTCAACCCTGGAATGTCGGTGGATACTGCTGAGCTGGAGTACGGGAGGGGCGAGTGGAATTCCTGGTGTAGCGGTGGAATGCGCAGATATCAGGAGGAACACCTATGGCGAAGGCAGCTCGCTGGAACGT
420e1c485af503f3cf63d63279c31749	AAATTTAAGTCAGGGGTGAAATCCCGAGGCTCAACCTCGGAACTGCCTTTGATACTGGGTTTCTTGAGTCCGGAAGAGGTGAGTGGAACTGCGAGTGTAGAGGTGAAATTCGTAGATATTCGCAAGAACACCAGTGGCGAAGGCGGCTCACTGGTCCGG
a1530d1052f5294ef3817fde2ea05fa6	ATCTTTAAGTCAGGGGTGAAATCCCGAGGCTCAACCTCGGAACTGCCTTTGATACTGGGGATCTCGAGTCCGGGAGAGGTGAGTGGAACTGCGAGTGTAGAGGTGAAATTCGTAGATATTCGCAAGAACACCAGTGGCGAAGGCGGCTCACTGGCCCGG

308_S339_L001	29,442
277_S363_L001	23,648
370_S355_L001	14,948
229_S328_L001	14,506
233_S379_L001	14,461
59_S304_L001	13,403
209_S308_L001	12,344
109_S323_L001	12,247
183_S293_L001	11,259
47_S354_L001	11,059
320_S307_L001	10,415
230_S317_L001	8,865
351_S306_L001	8,592
137_S352_L001	8,283
116_S378_L001	4,169
81_S376_L001	3,866
155_S341_L001	2,276
89_S331_L001	1,596
256_S377_L001	1,233
299_S330_L001	760

(6)



Sample ID	Frequency
136_S299_L001	31,955
162_S315_L001	31,221
188_S347_L001	29,978
308_S339_L001	24,307
301_S383_L001	20,666
277_S363_L001	17,942
229_S328_L001	10,581
370_S355_L001	10,387
209_S308_L001	10,204
59_S304_L001	9,379
233_S379_L001	9,247
109_S323_L001	9,048
47_S354_L001	8,702
183_S293_L001	8,178
230_S317_L001	6,906
351_S306_L001	6,073
137_S352_L001	5,870
320_S307_L001	5,862
81_S376_L001	3,268

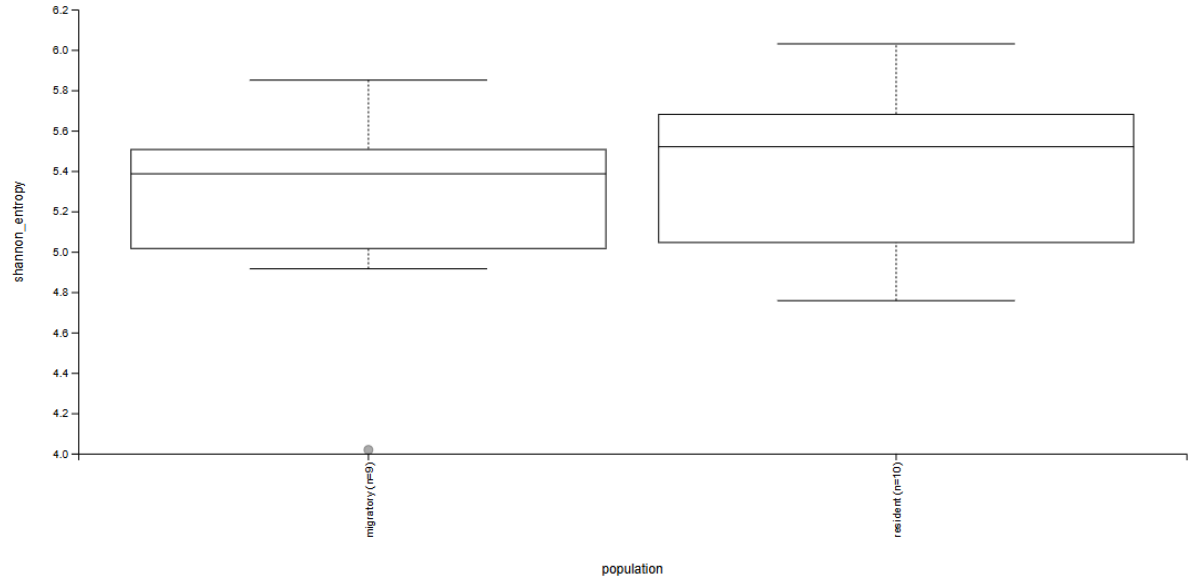
(8)

Alpha Diversity Boxplots

Column

Download SVG

population



Kruskal-Wallis (all groups)

	Result
H	0.6666666666666643
p-value	0.4142161782425261

Kruskal-Wallis (pairwise)

Download CSV

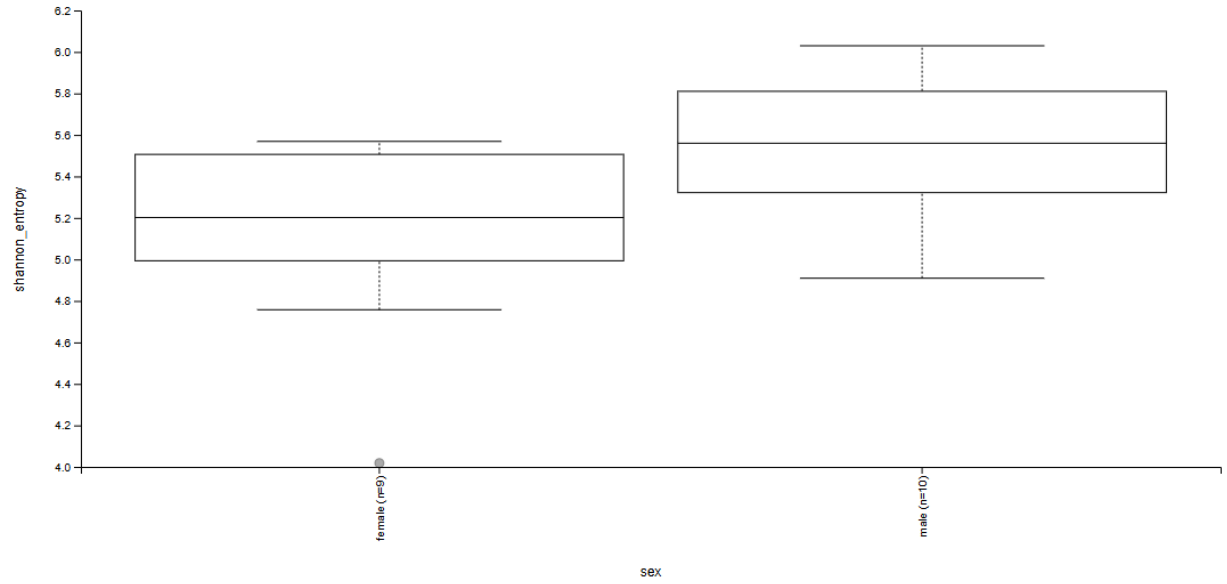
		H	p-value	q-value
Group 1	**Group 2**			
migratory (n=9)	**resident (n=10)**	0.666667	0.414216	0.414216

Alpha Diversity Boxplots

Column

Download SVG

sex



Kruskal-Wallis (all groups)

	Result
H	2.9399999999999977
p-value	0.08641073297370006

Kruskal-Wallis (pairwise)

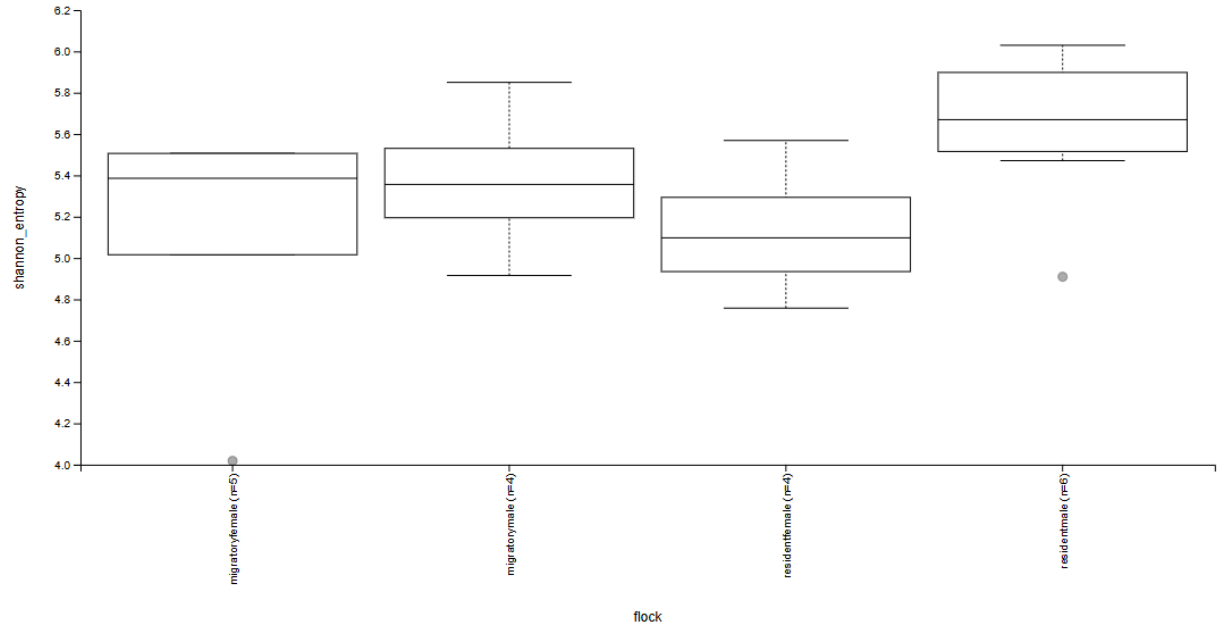
Download CSV

		H	p-value	q-value
Group 1	**Group 2**			
female (n=9)	**male (n=10)**	2.94	0.086411	0.086411

Alpha Diversity Boxplots

Download SVG

Column: flock



Kruskal-Wallis (all groups)

	Result
H	4.203684210526319
p-value	0.24029328466051572

Kruskal-Wallis (pairwise)

Download CSV

		H	p-value	q-value
Group 1	**Group 2**			
migratoryfemale (n=5)	**migratorymale (n=4)**	0.060000	0.806496	0.806496
	residentfemale (n=4)	0.060000	0.806496	0.806496
	residentmale (n=6)	2.700000	0.100348	0.301045
migratorymale (n=4)	**residentfemale (n=4)**	0.750000	0.386476	0.579714
	residentmale (n=6)	1.136364	0.286422	0.572844
residentfemale (n=4)	**residentmale (n=6)**	2.909091	0.088082	0.301045

(10)

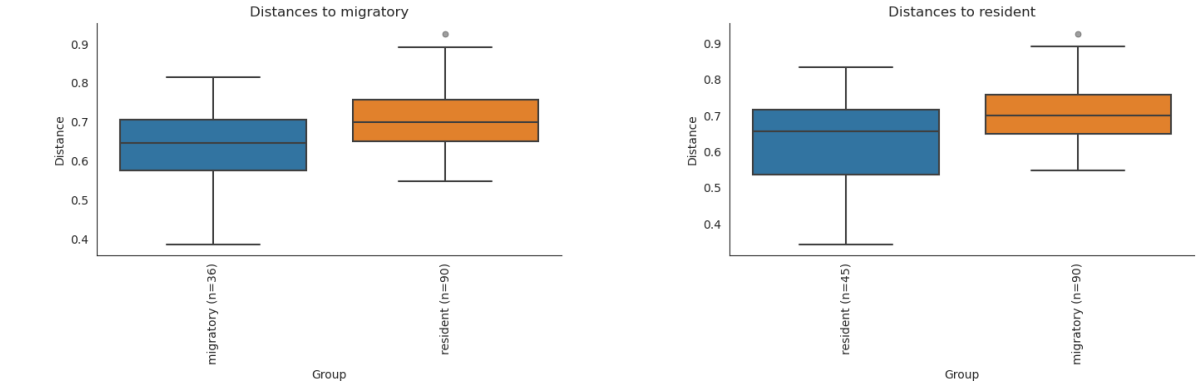
QIIME 2 Library View Forum

qiime2view File: **bray-curtis-population-significance.qzv** × Visualization Citations Provenance Metadata

sample size	19
number of groups	2
test statistic	3.255988
p-value	0.001
number of permutations	999

Group significance plots

Download raw data as TSV



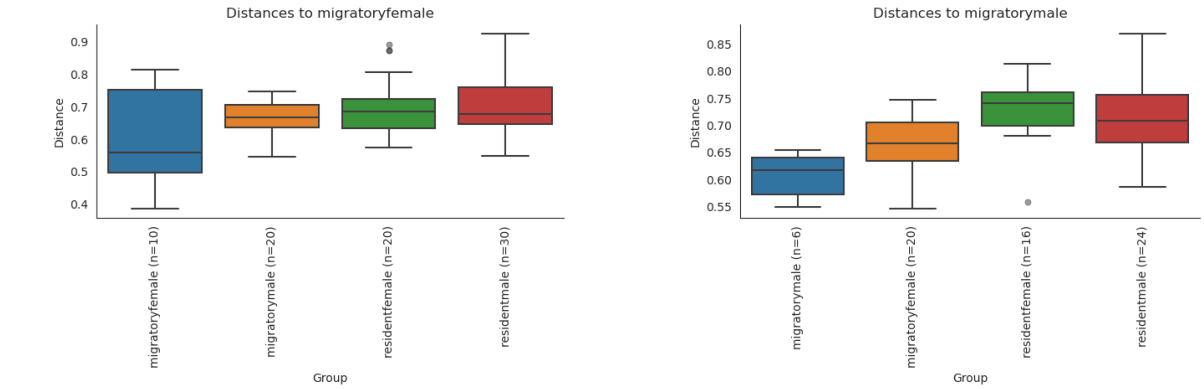
QIIME 2 Library View Forum

qiime2view File: **bray-curtis-flock-significance.qzv** × Visualization Citations Provenance Metadata

sample size	19
number of groups	4
test statistic	3.368163
p-value	0.001
number of permutations	999

Group significance plots

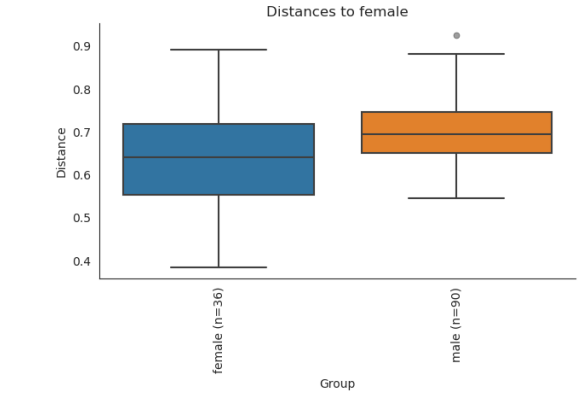
Download raw data as TSV

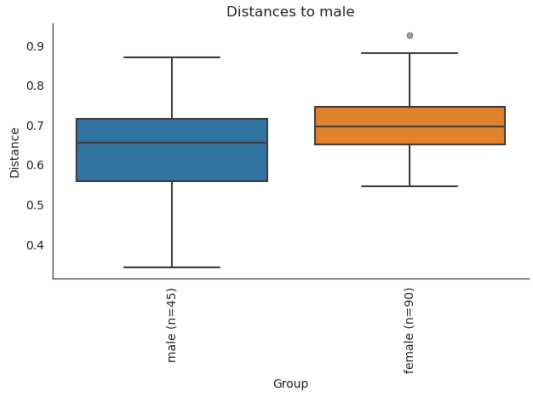


sample size	19
number of groups	2
test statistic	2.610898
p-value	0.003
number of permutations	999

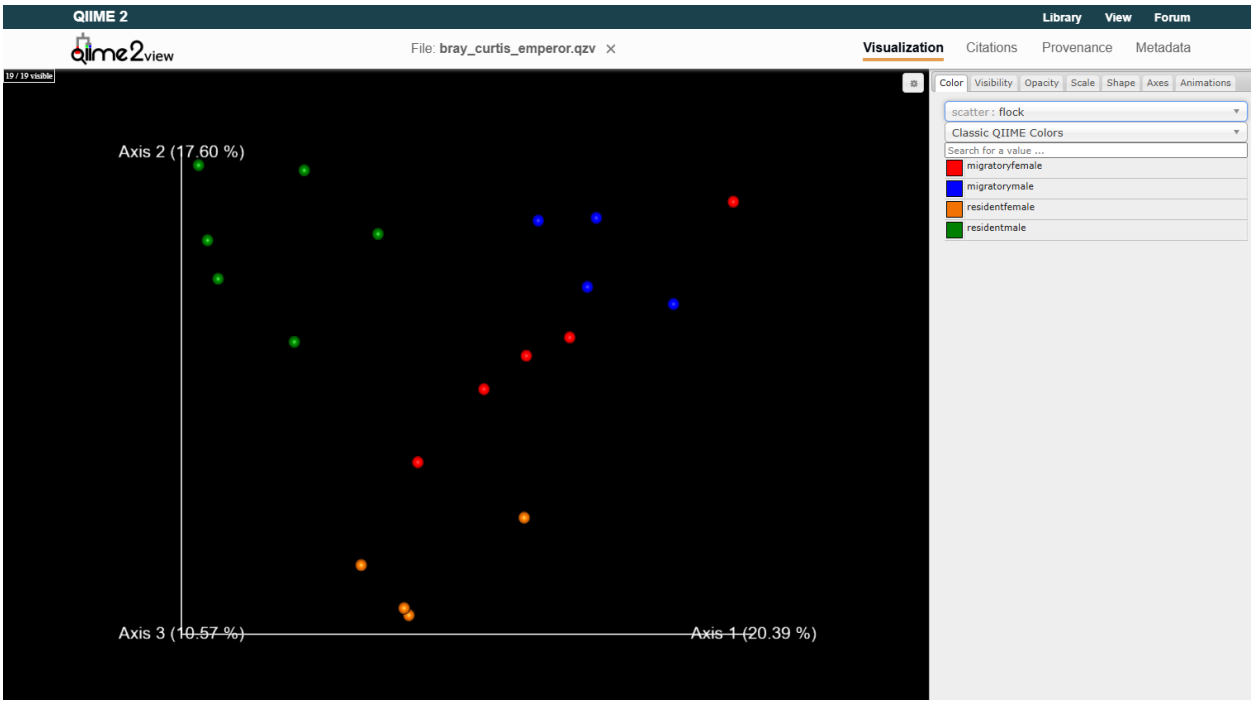
Group significance plots

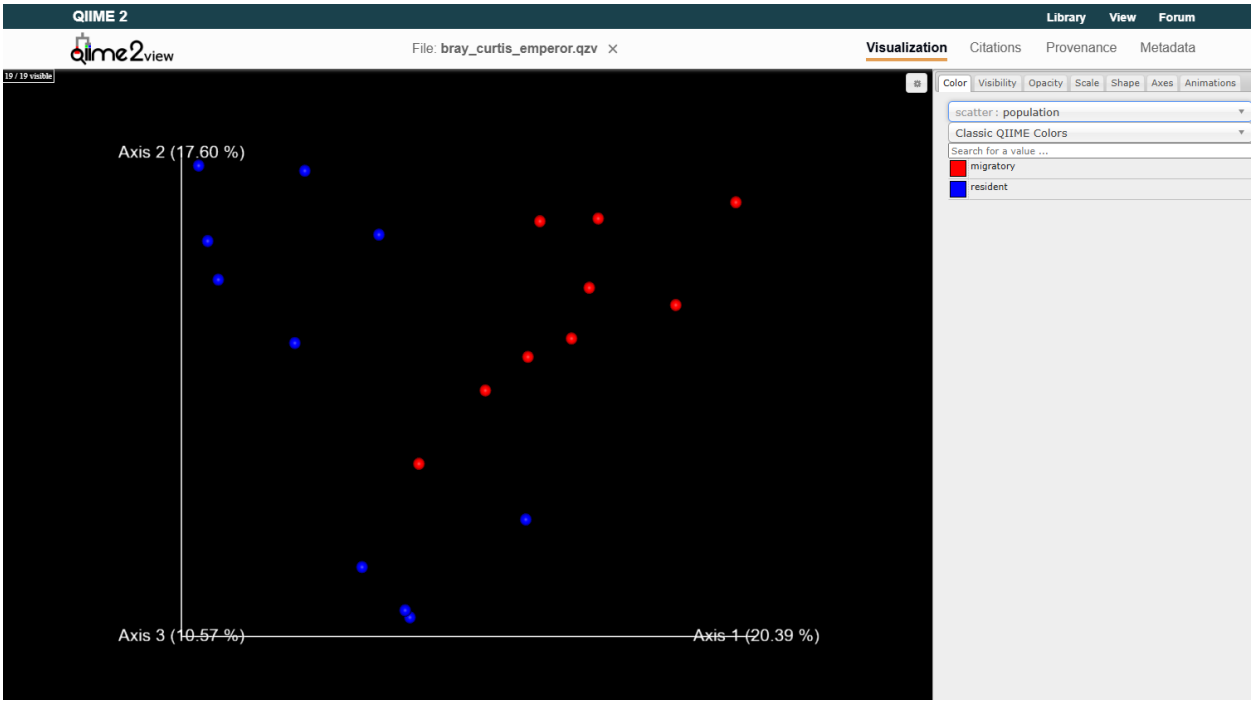
Download raw data as TSV

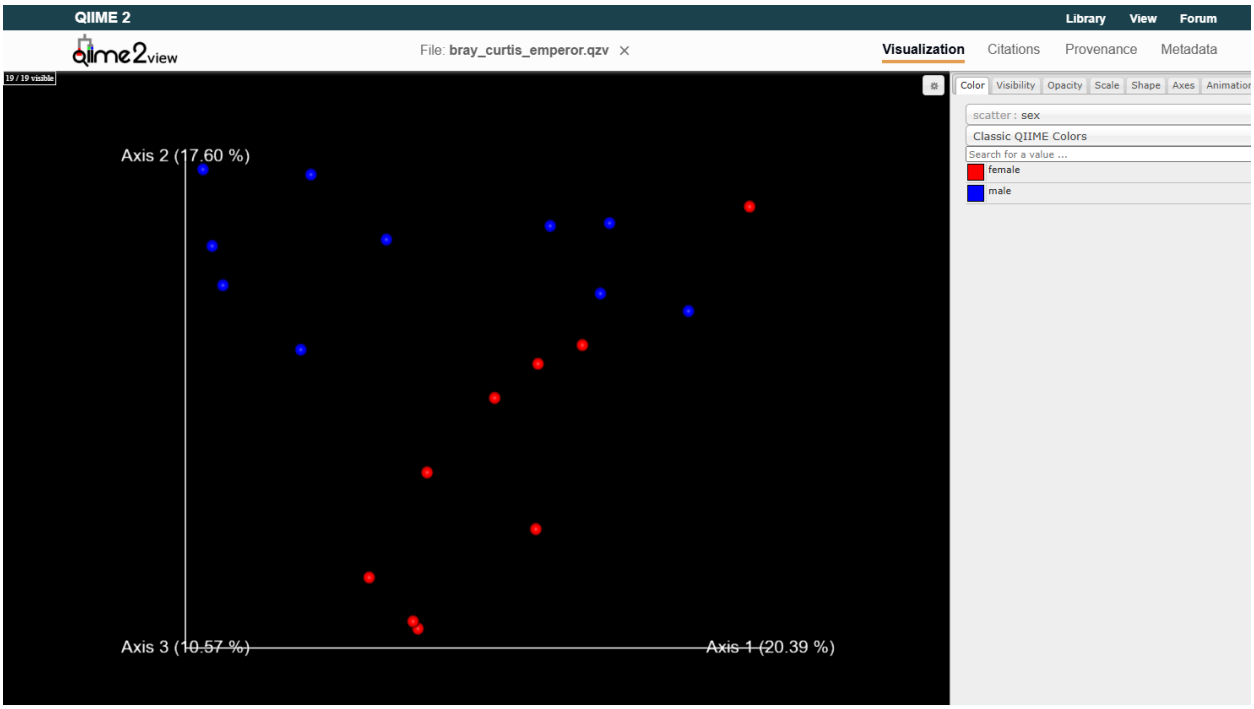


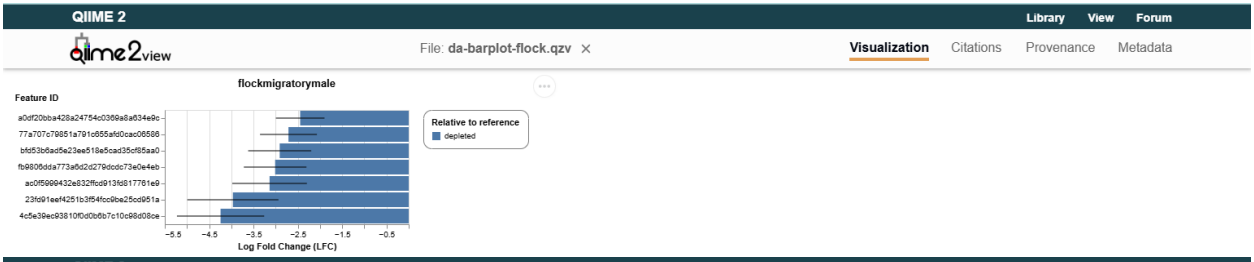


(11)


QIIME 2
Library
View
Forum
qiime2view
File: bray_curtis_emperor.qzv
Visualization
Citations
Provenance
Metadata
19 / 19 visible
Color
Visibility
Opacity
Scale
Shape
Axes
Animations
scatter : flock
Classic QIIME Colors
Search for a value ...
migratoryfemale
migratorymale
residentfemale
residentmale
Axis 2 (17.60 %)
Axis 3 (10.57 %)
Axis 1 (20.39 %)


QIIME 2
Library
View
Forum
qiime2view
File: bray_curtis_emperor.qzv
Visualization
Citations
Provenance
Metadata
19 / 19 visible
Color
Visibility
Opacity
Scale
Shape
Axes
Animations
scatter : population
Classic QIIME Colors
Search for a value ...
migratory
resident
Axis 2 (17.60 %)
Axis 3 (10.57 %)
Axis 1 (20.39 %)


QIIME 2
Library
View
Forum
qiime2view
File: bray_curtis_emperor.qzv
Visualization
Citations
Provenance
Metadata
19 / 19 visible
Axis 2 (17.60 %)
Axis 3 (10.57 %)
Axis 1 (20.39 %)
Color
Visibility
Opacity
Scale
Shape
Axes
Animation
scatter: sex
Classic QIIME Colors
Search for a value ...
female
male


QIIME 2
Library
View
Forum
qiime2view
File: da-barplot-flock.qzv
Visualization
Citations
Provenance
Metadata
flockmigratorymale
Feature ID
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bfd53b6ad5e23ee518e5cad35cf85aa0
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ac0f5999432e832ffcd913fd617761e9
23fd91eef4251b3f54fcc9be25cd951a
4c5e39ec93810f0d0b0b7c10c98d08ce
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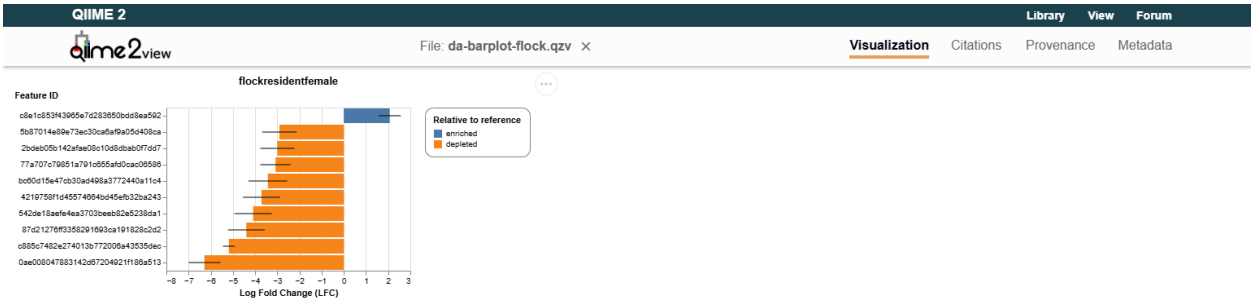
−4.5
−3.5
−2.5
−1.5
−0.5
Log Fold Change (LFC)
Relative to reference
depleted


QIIME 2
Library
View
Forum
qiime2view
File: da-barplot-flock.qzv
Visualization
Citations
Provenance
Metadata
flockresidentfemale
Feature ID
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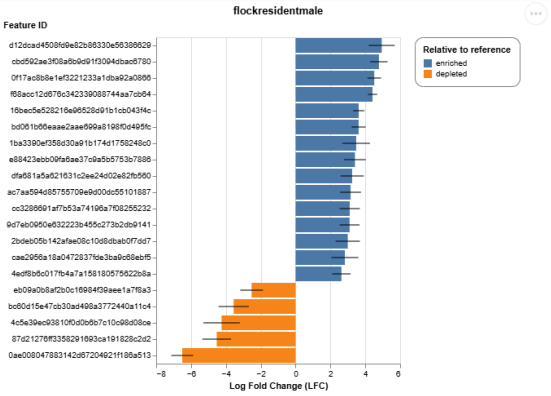
0ae008047883142d97204921f186a513
−8
−7
−6
−5
−4
−3
−2
−1
0
1
2
3
Log Fold Change (LFC)
Relative to reference
enriched
depleted

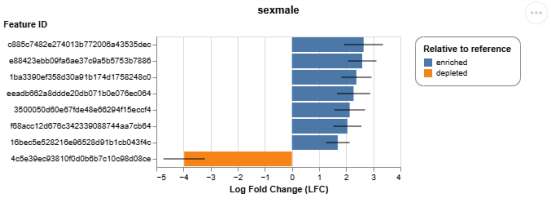
QIIME 2 Library View Forum

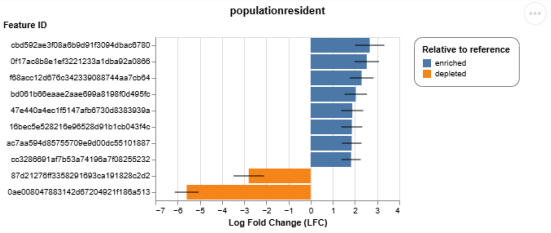
qiime2view File: da-barplot-flock.qzv × Visualization Citations Provenance Metadata



QIIME 2 Library View Forum

qiime2view File: da-barplot-sex.qzv × Visualization Citations Provenance Metadata



QIIME 2 Library View Forum

qiime2view File: da-barplot-population.qzv × Visualization Citations Provenance Metadata