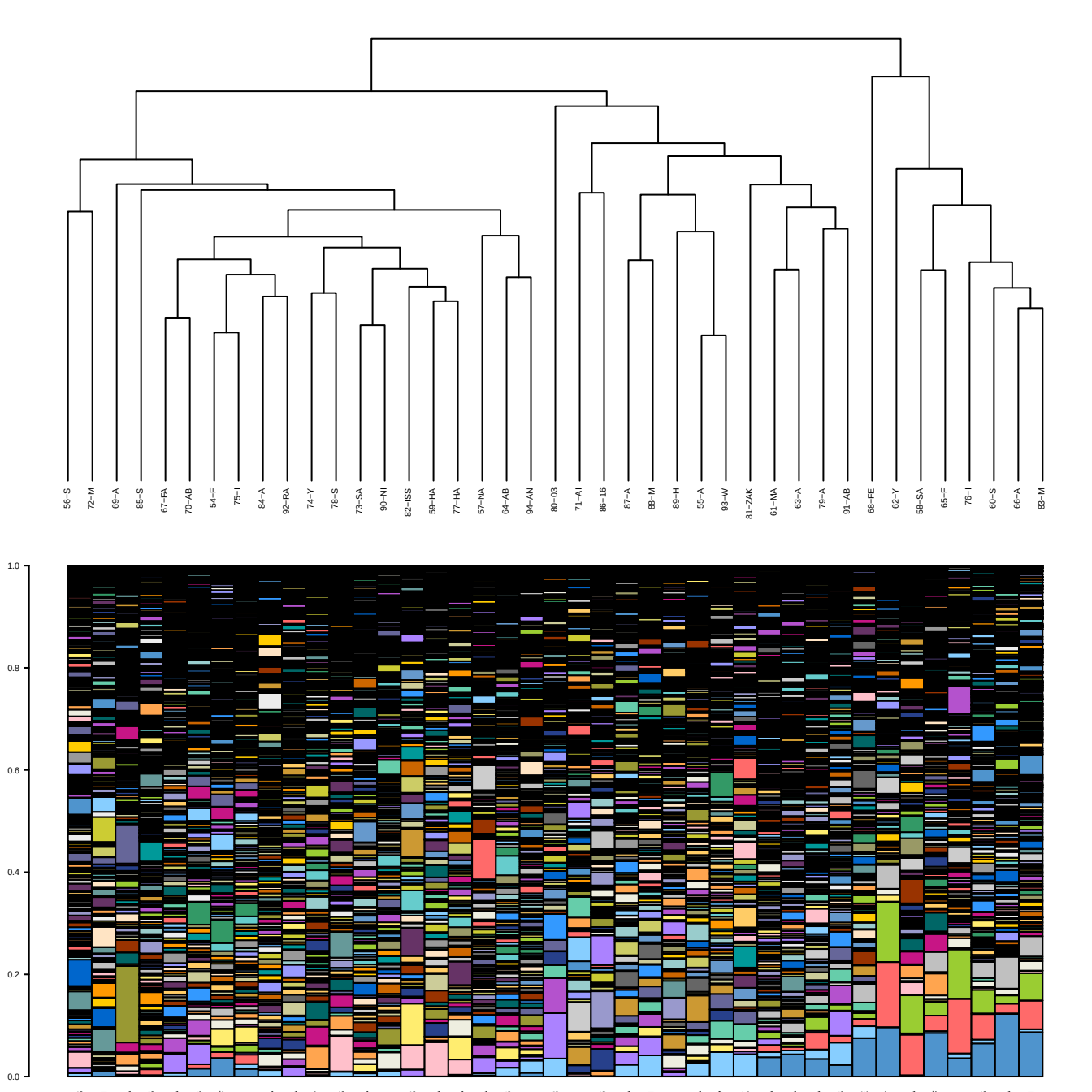
56–S
72–M
69–A
85–S
67–FA
70–AB
54–F
75–I
84–A
92–RA
74–Y
78–S
73–SA
90–NI
82–ISS
59–HA
77–HA
57–NA
64–AB
94–AN
80–03
71–AI
86–16
87–A
88–M
89–H
55–A
93–W
81–ZAK
61–MA
63–A
79–A
91–AB
68–FE
62–Y
58–SA
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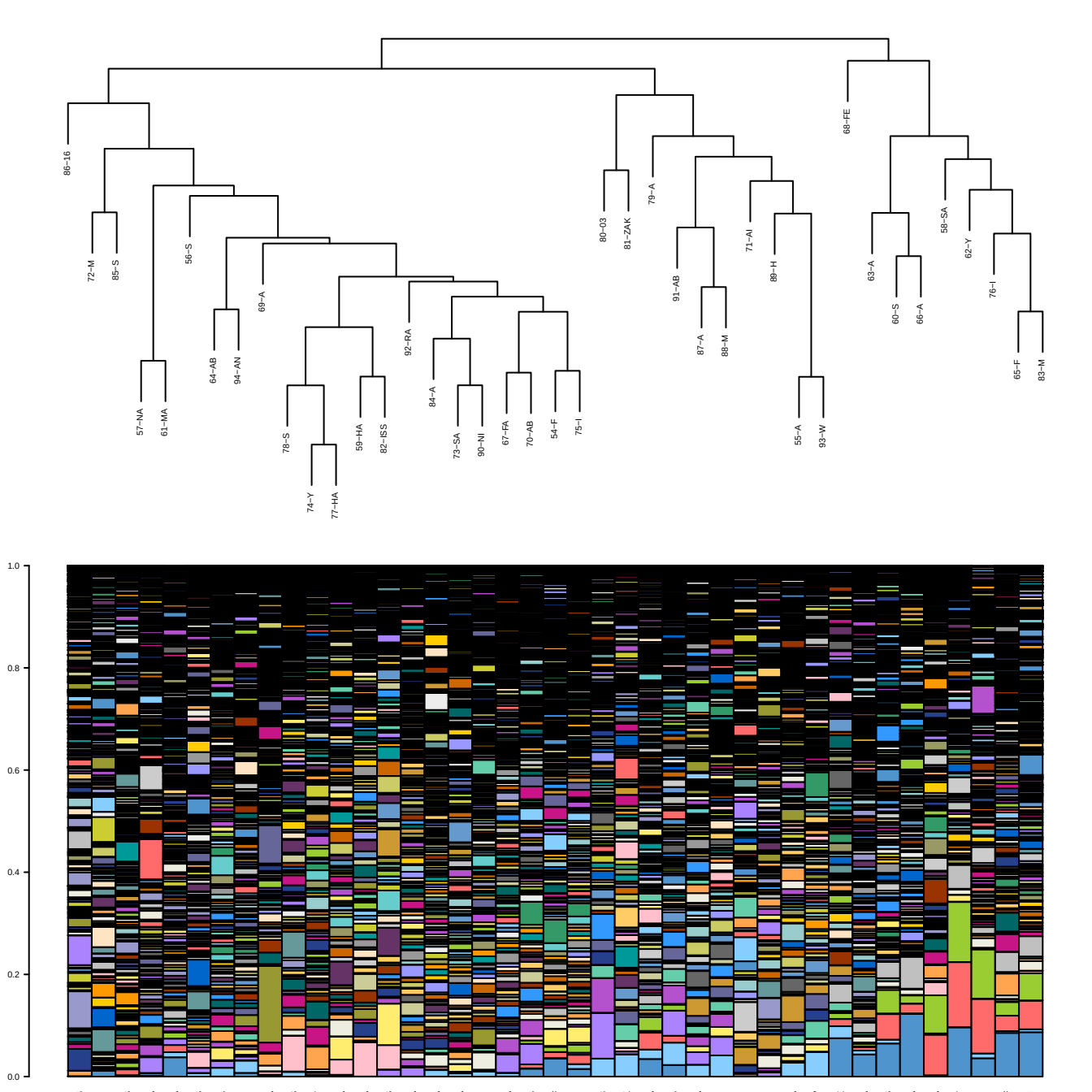
76–I
60–S
66–A
83–M
1.0
0.8
0.6
0.4
0.2
0.0


86−16
72−M
85−S
56−S
57−NA
61−MA
64−AB
94−AN
69−A
78−S
74−Y
77−HA
59−HA
82−ISS
92−RA
84−A
73−SA
90−NI
67−FA
70−AB
54−F
75−I
80−03
81−ZAK
79−A
91−AB
87−A
88−M
71−AI
89−H
55−A
93−W
68−FE
63−A
60−S
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76−I
65−F
83−M
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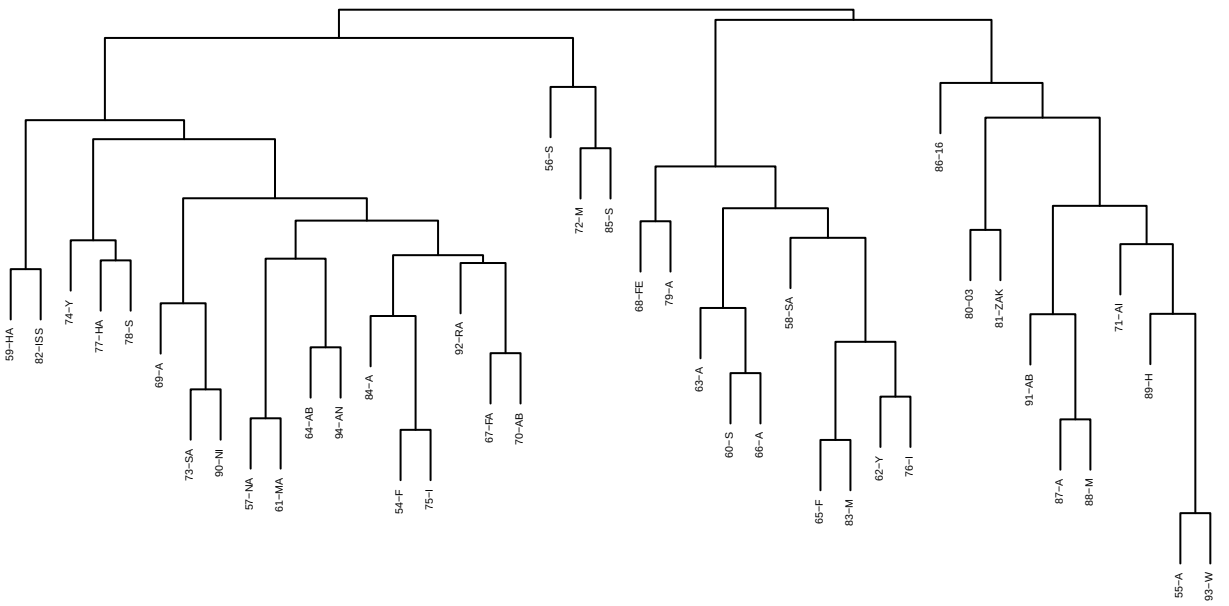
0.8
0.6
0.4
0.2
0.0


59~HA
82~ISS
74~Y
77~HA
78~S
69~A
73~SA
90~NI
57~NA
61~MA
64~AB
94~AN
84~A
54~F
75~I
92~RA
67~FA
70~AB
56~S
72~M
85~S
68~FE
79~A
63~A
60~S
66~A
58~SA
65~F
83~M
62~Y
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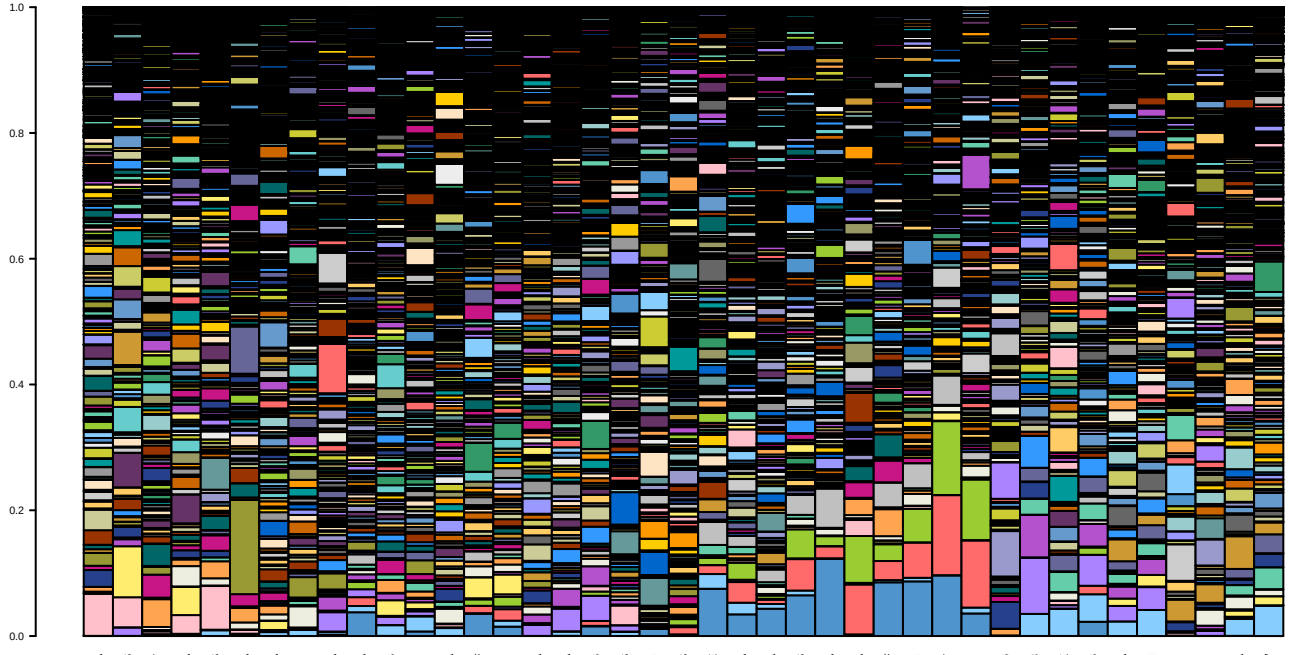
80~03
81~ZAK
91~AB
87~A
88~M
71~AI
89~H
55~A
93~W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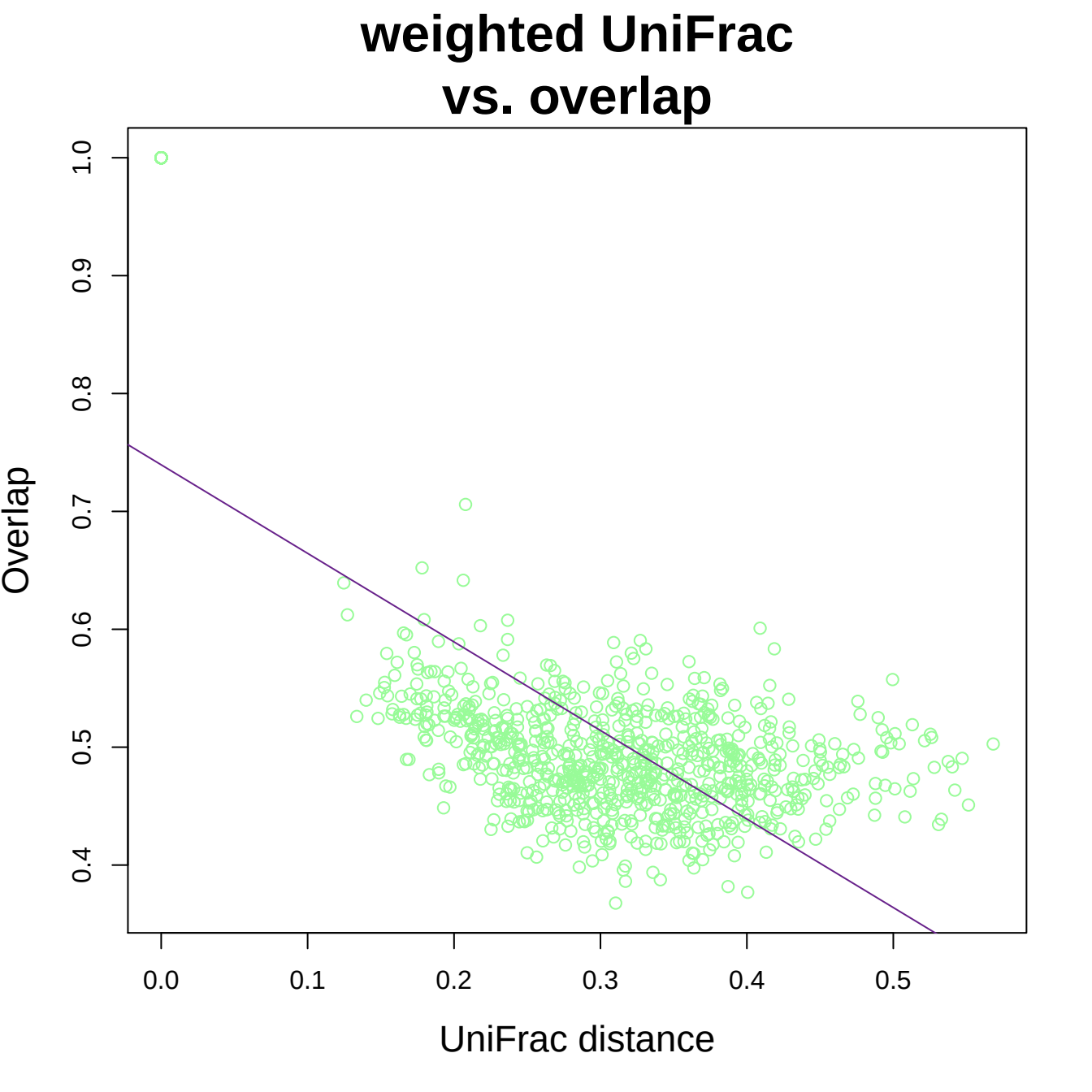
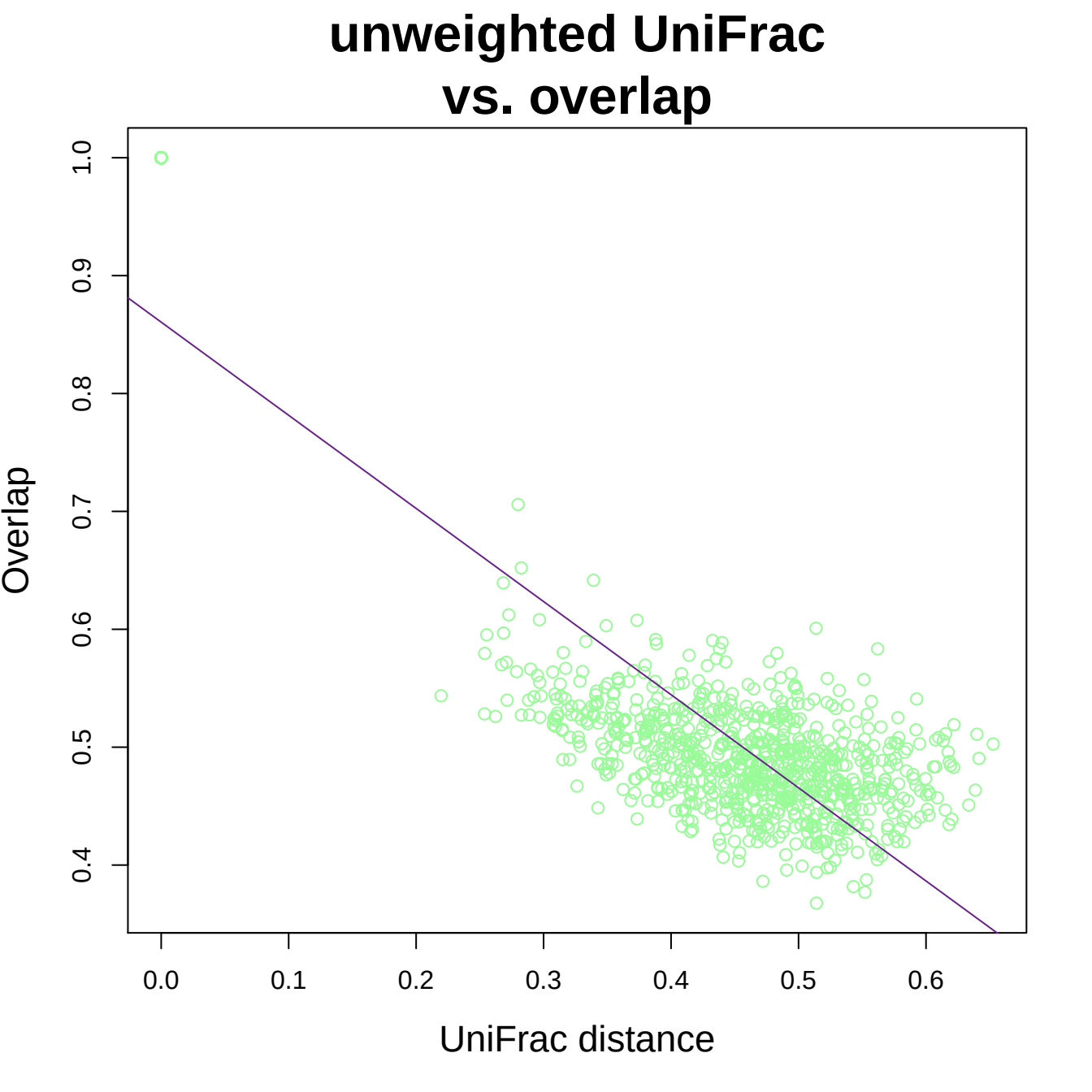
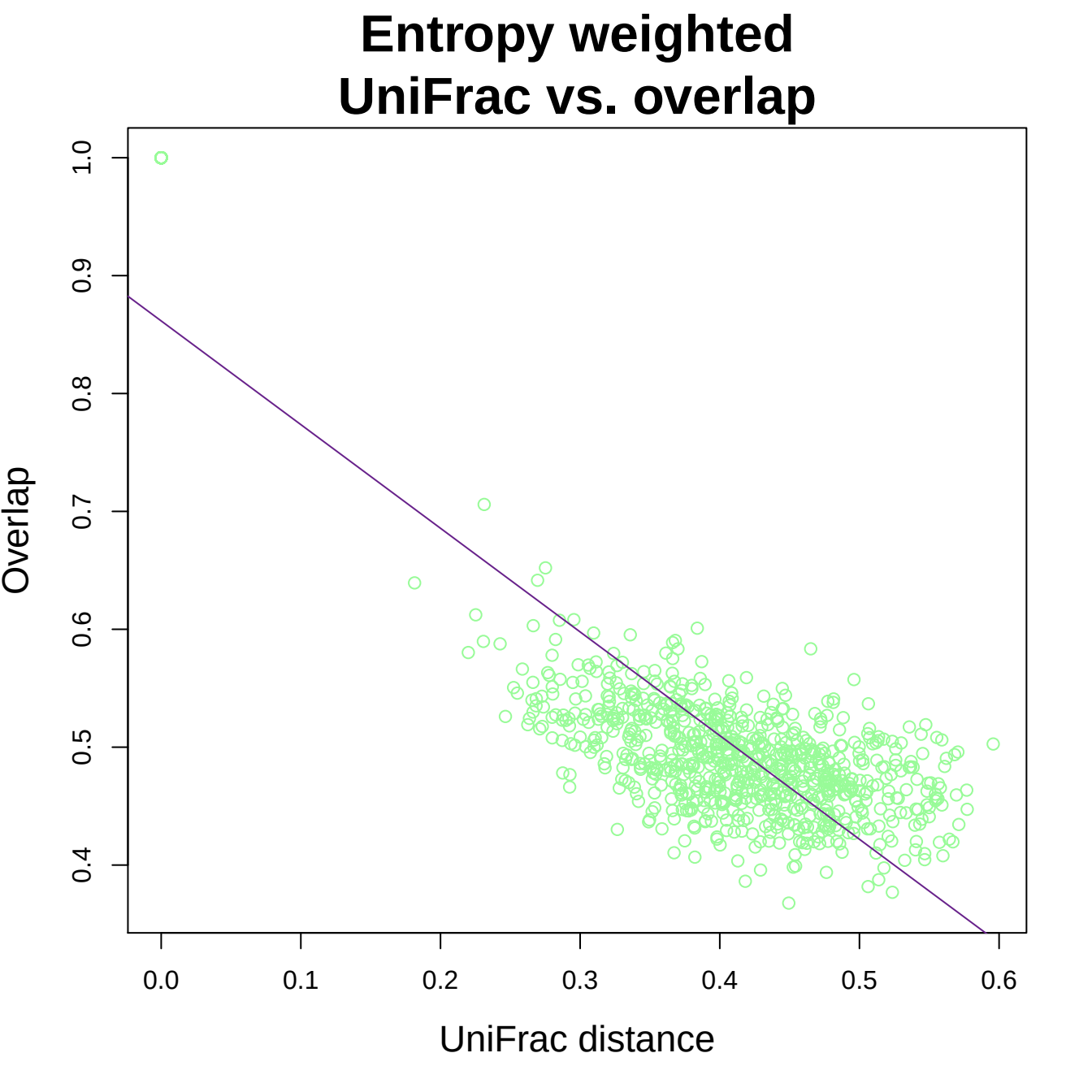
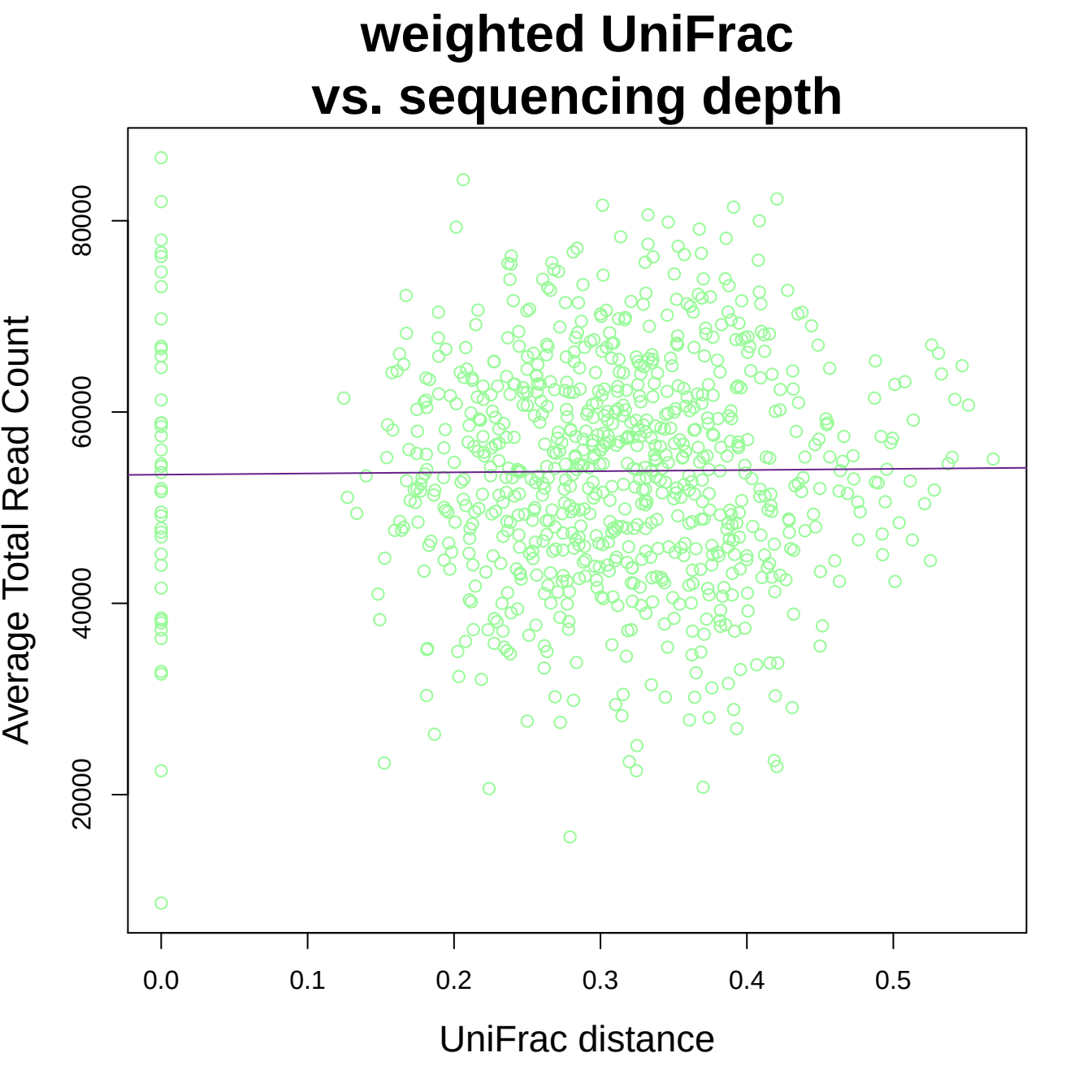
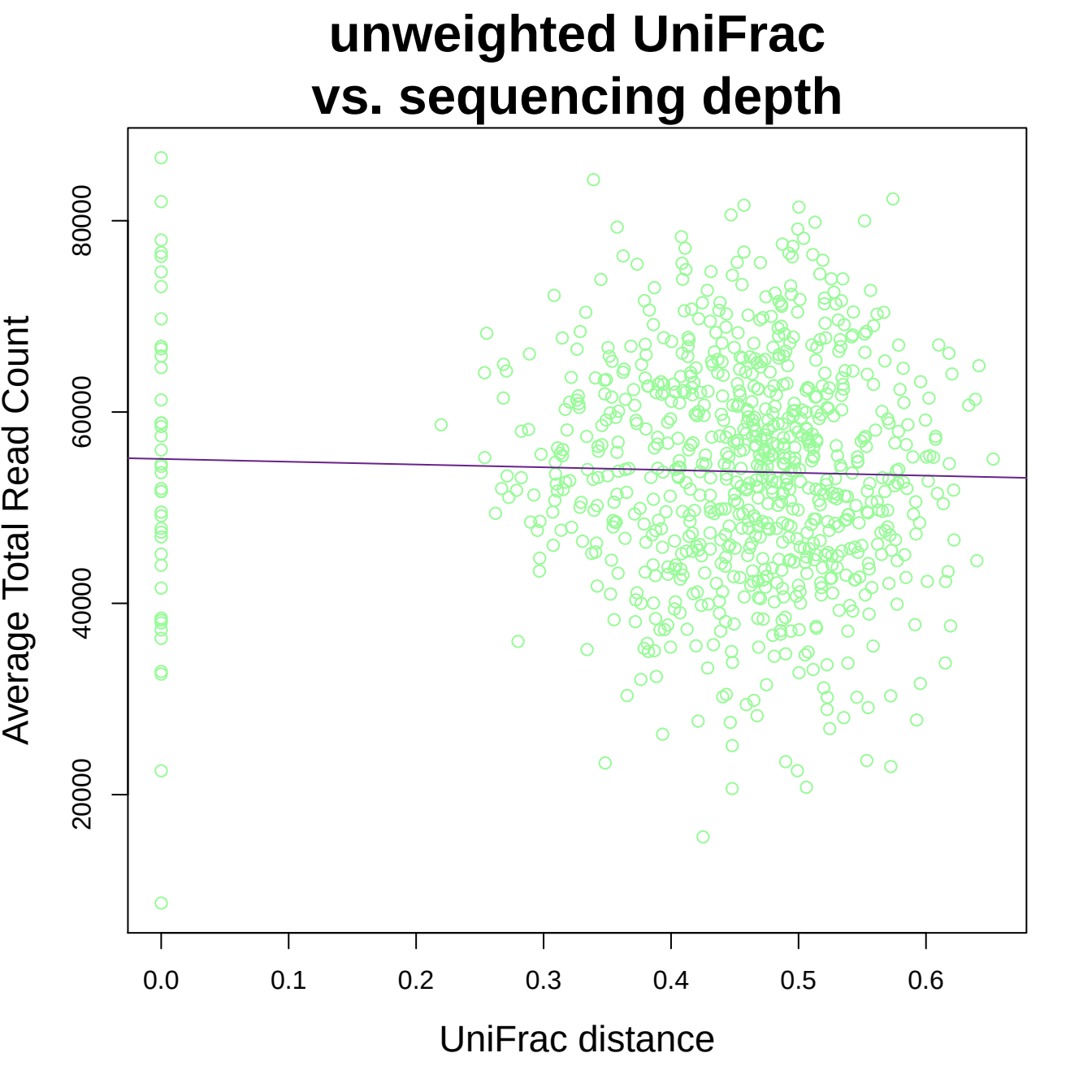
0.8
0.6
0.4
0.2
0.0

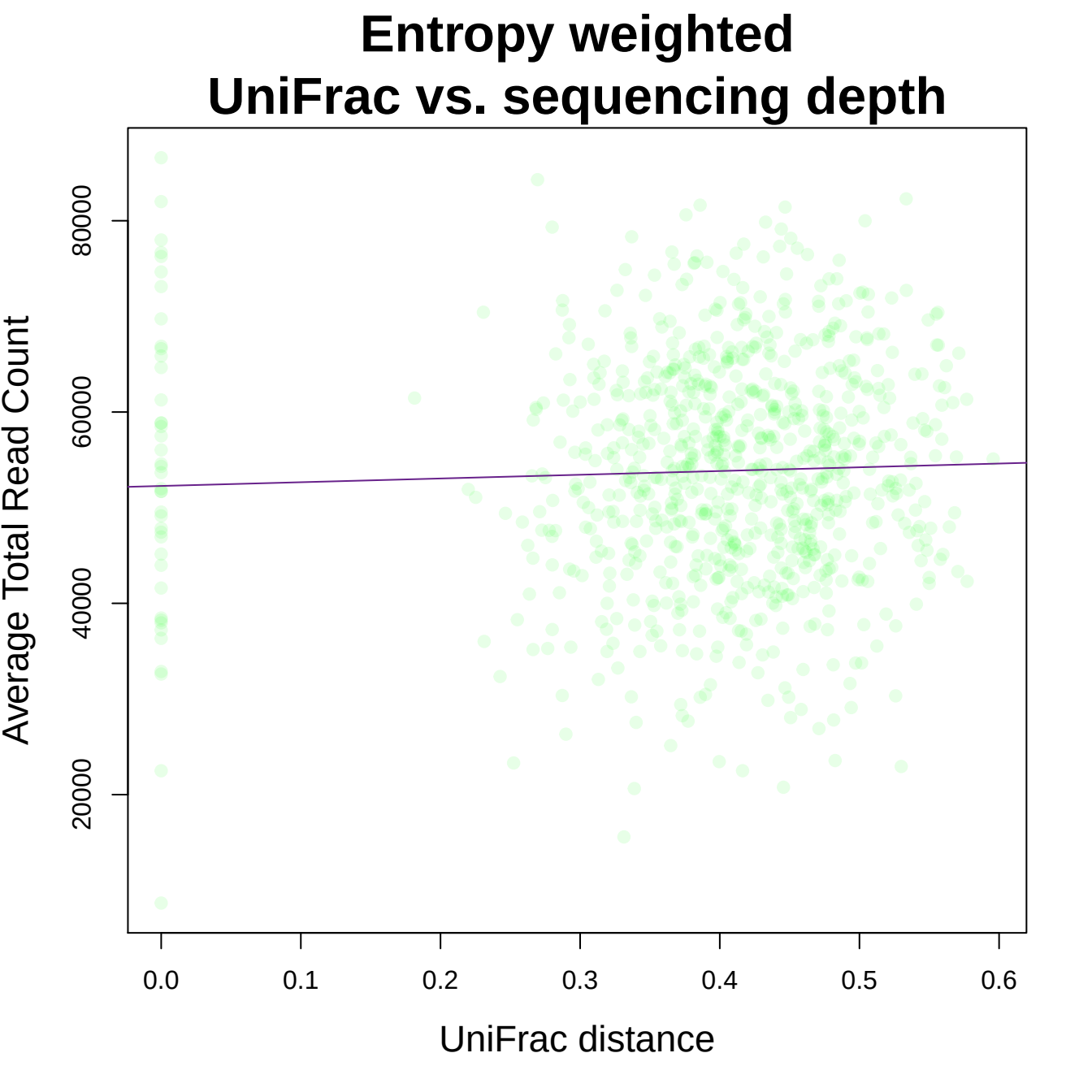

weighted UniFrac
vs. overlap
Overlap
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.0
0.1
0.2
0.3
0.4
0.5
UniFrac distance

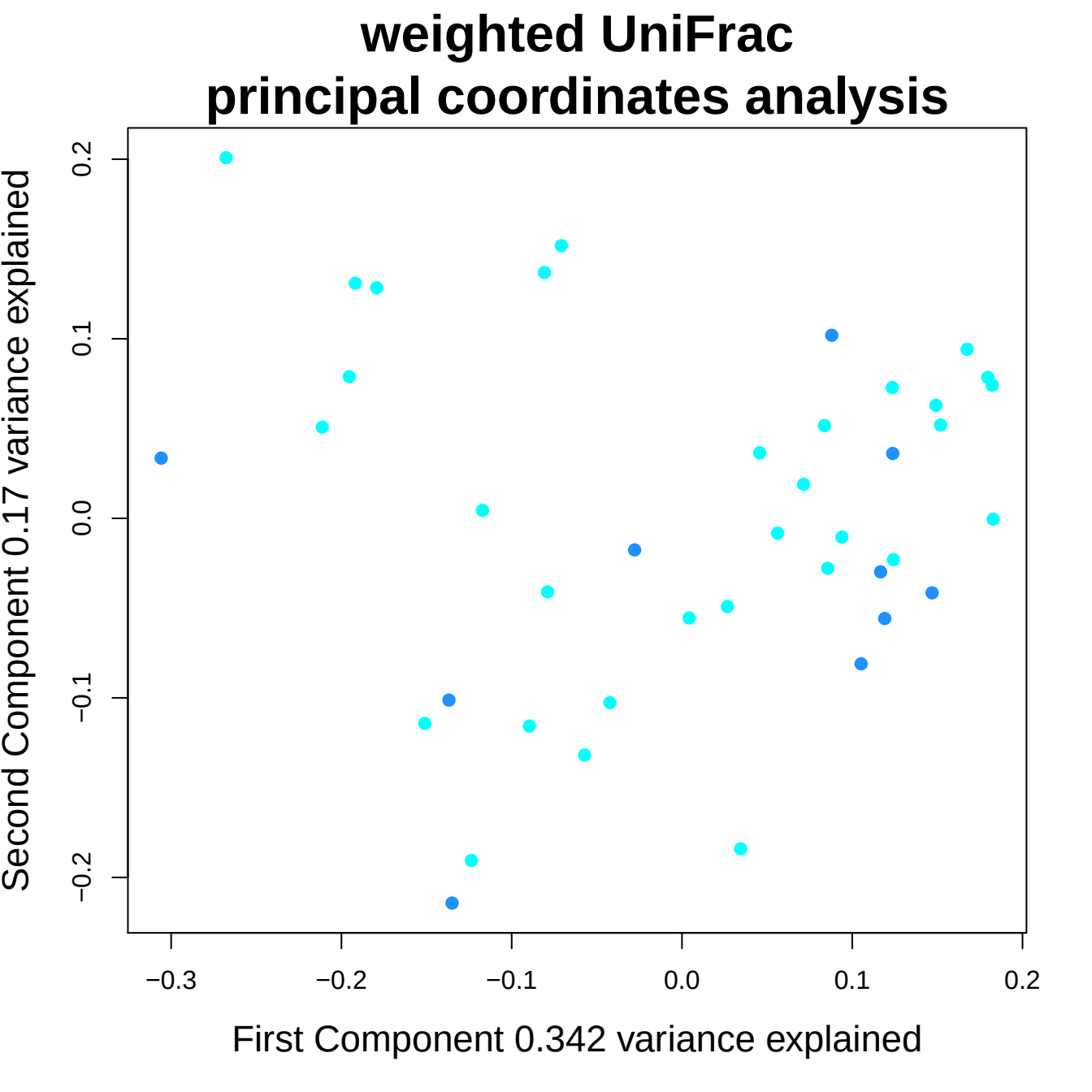

unweighted UniFrac
vs. overlap
Overlap
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.0
0.1
0.2
0.3
0.4
0.5
0.6
UniFrac distance

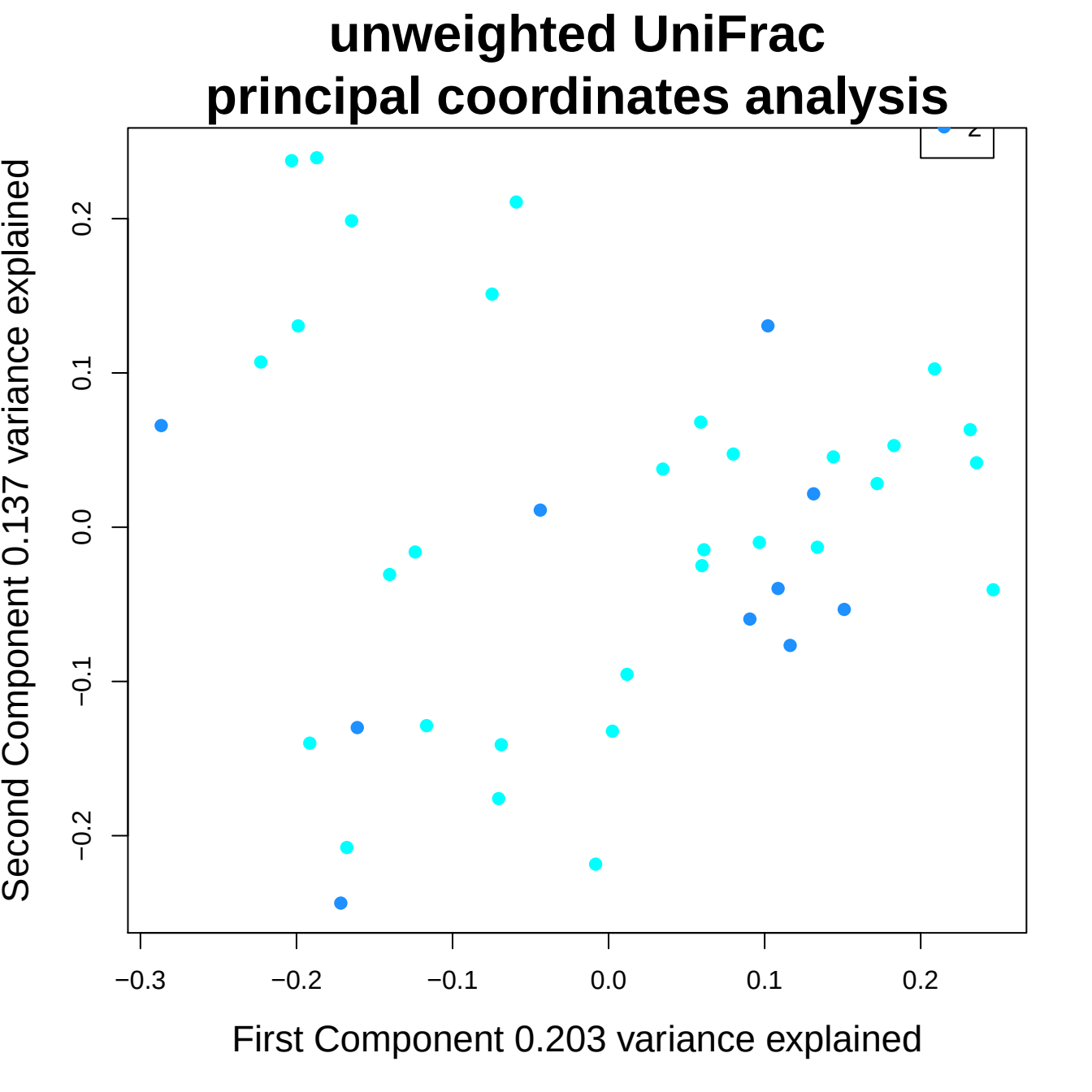

Entropy weighted
UniFrac vs. overlap
Overlap
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.0
0.1
0.2
0.3
0.4
0.5
0.6
UniFrac distance

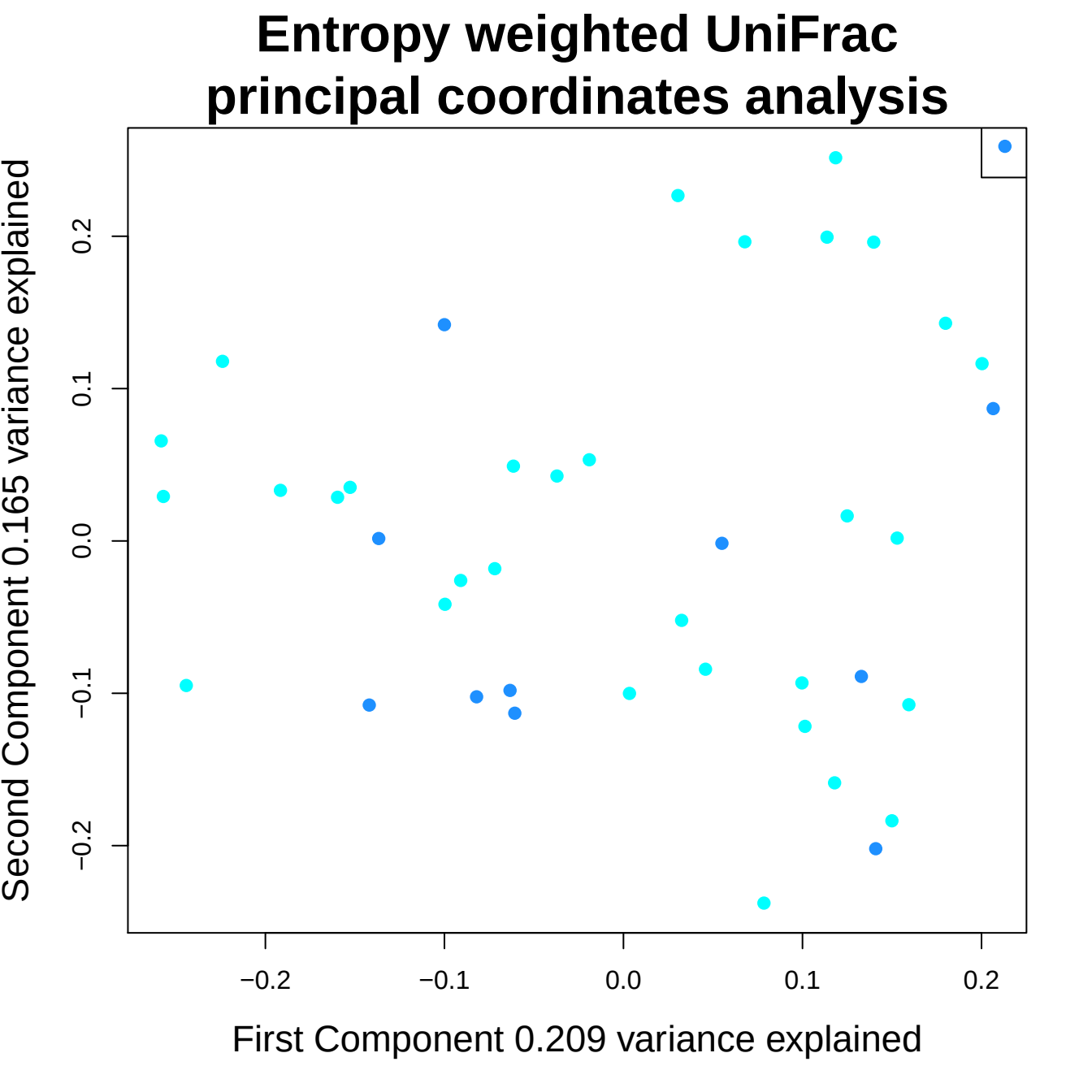

weighted UniFrac
vs. sequencing depth
Average Total Read Count
20000
40000
60000
80000
0.0
0.1
0.2
0.3
0.4
0.5
UniFrac distance

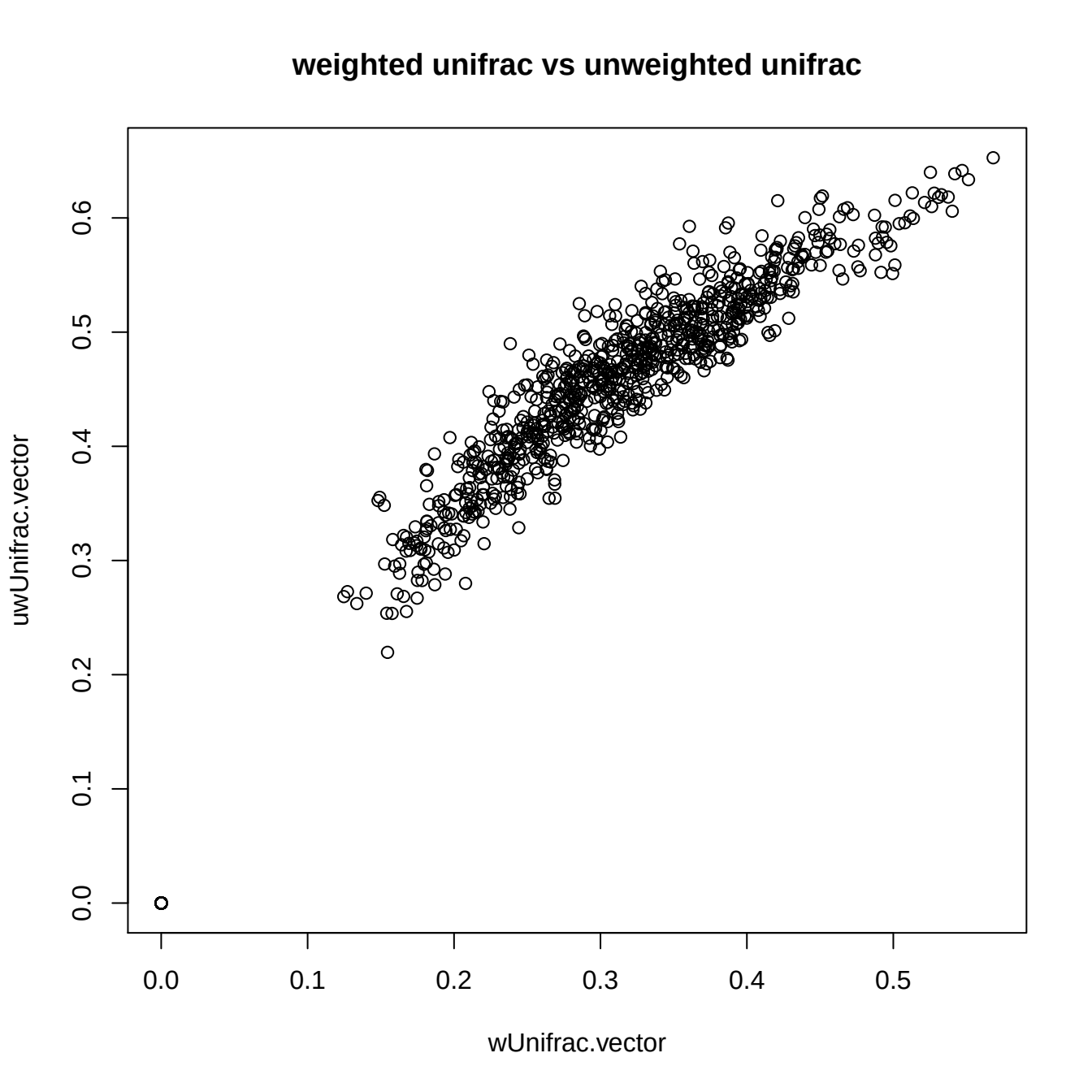

unweighted UniFrac
vs. sequencing depth
Average Total Read Count
20000
40000
60000
80000
0.0
0.1
0.2
0.3
0.4
0.5
0.6
UniFrac distance

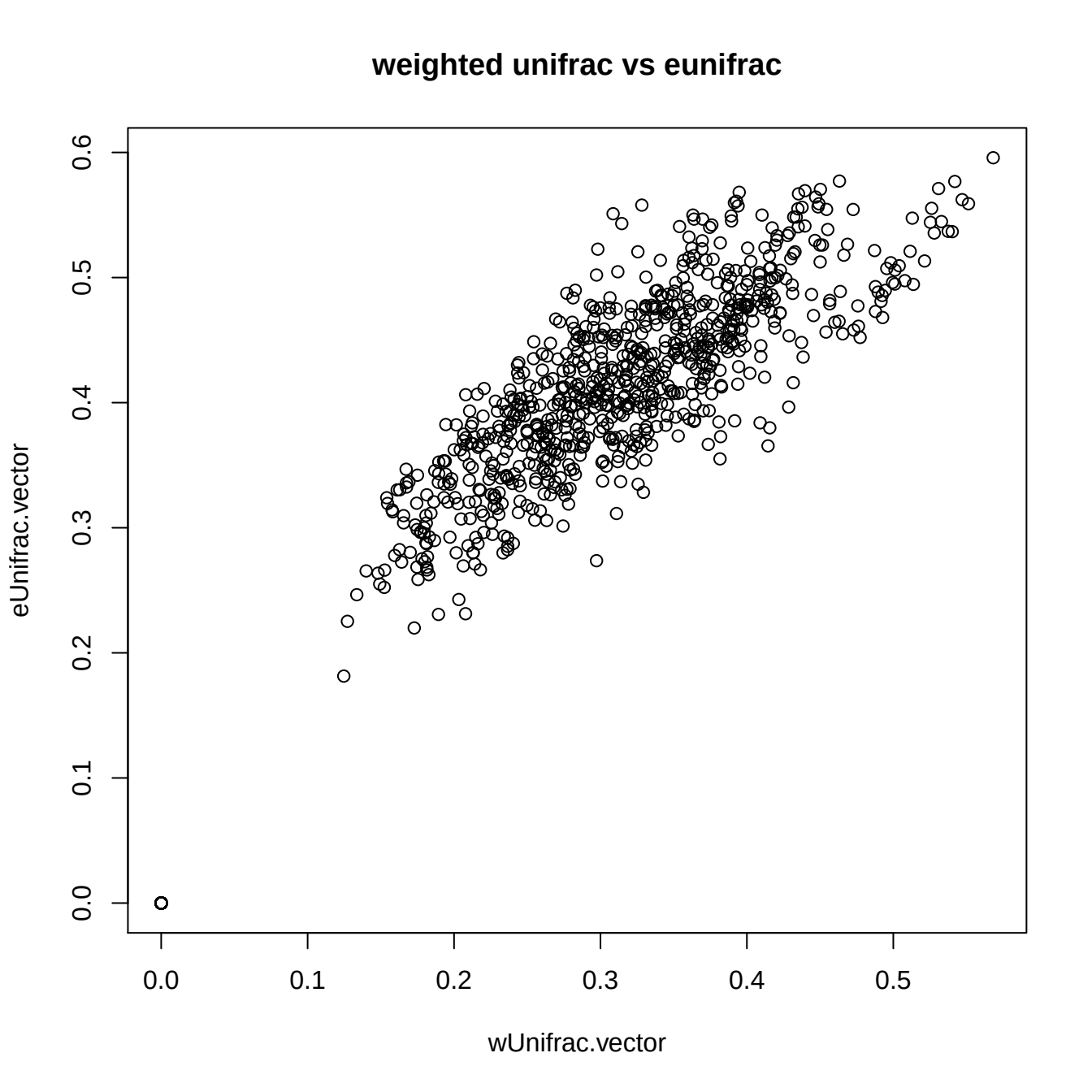

Entropy weighted
UniFrac vs. sequencing depth
Average Total Read Count
20000
40000
60000
80000
0.0
0.1
0.2
0.3
0.4
0.5
0.6
UniFrac distance

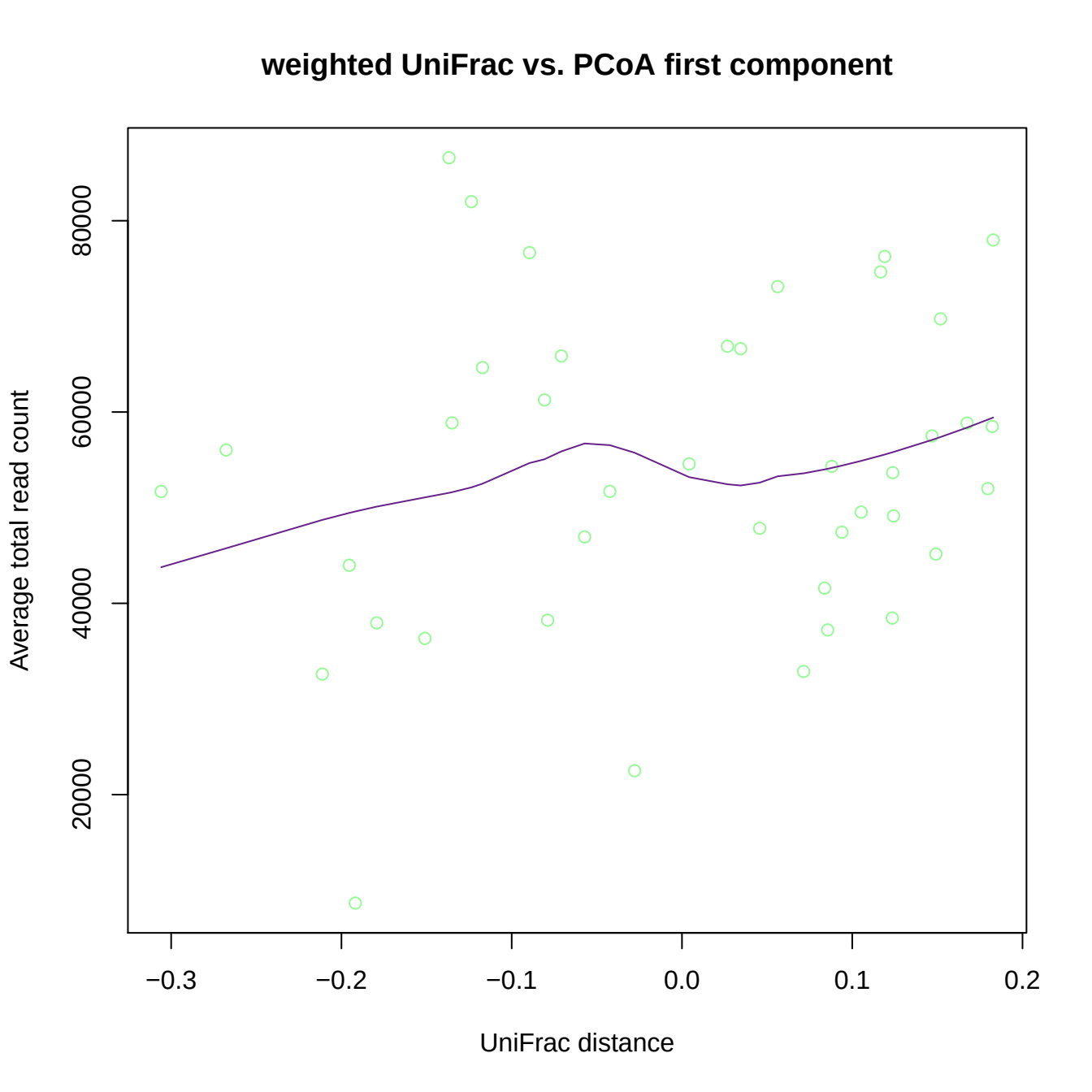

weighted UniFrac
principal coordinates analysis
Second Component 0.17 variance explained
First Component 0.342 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
−0.1
0.0
0.1
0.2

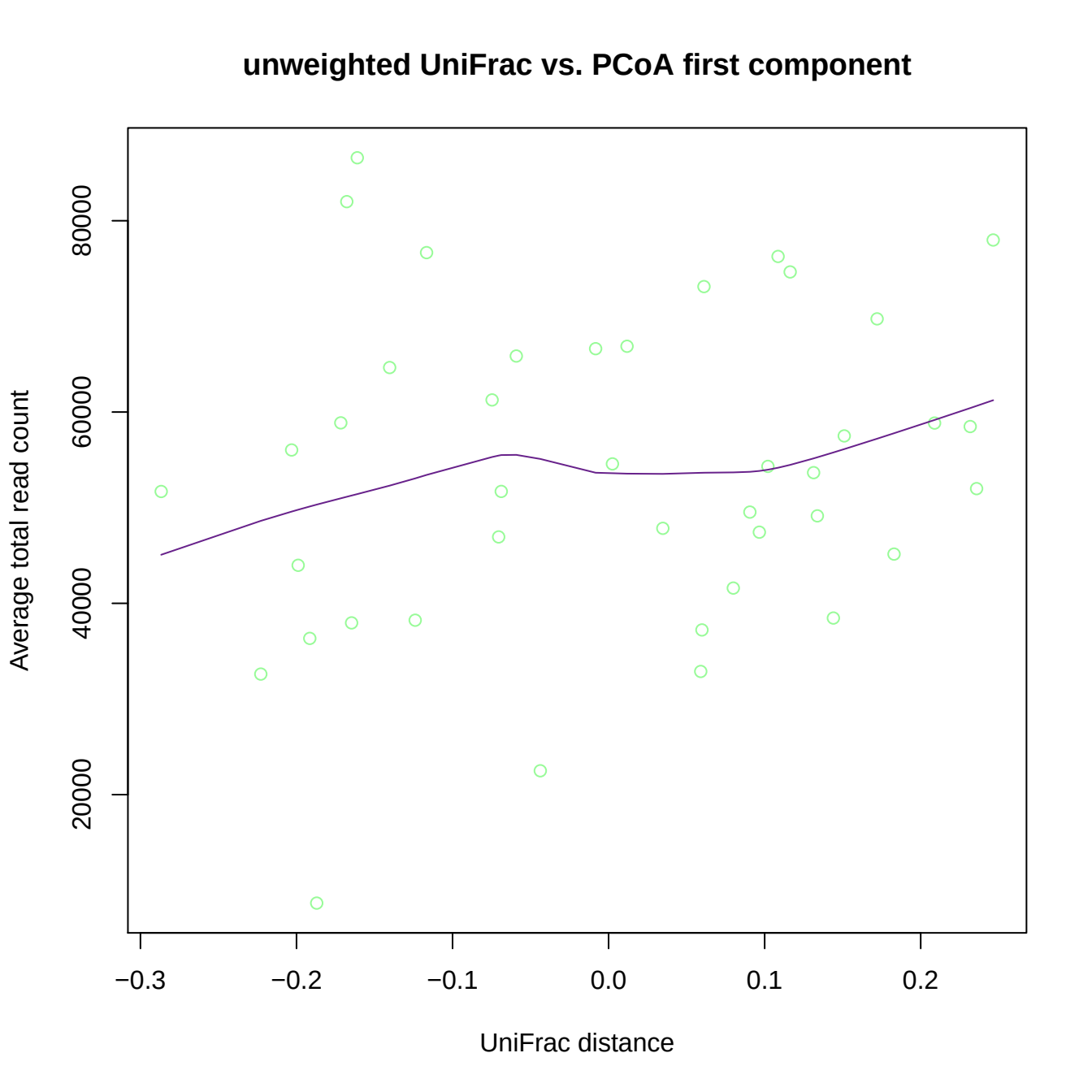

unweighted UniFrac
principal coordinates analysis
Second Component 0.137 variance explained
First Component 0.203 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
−0.1
0.0
0.1
0.2

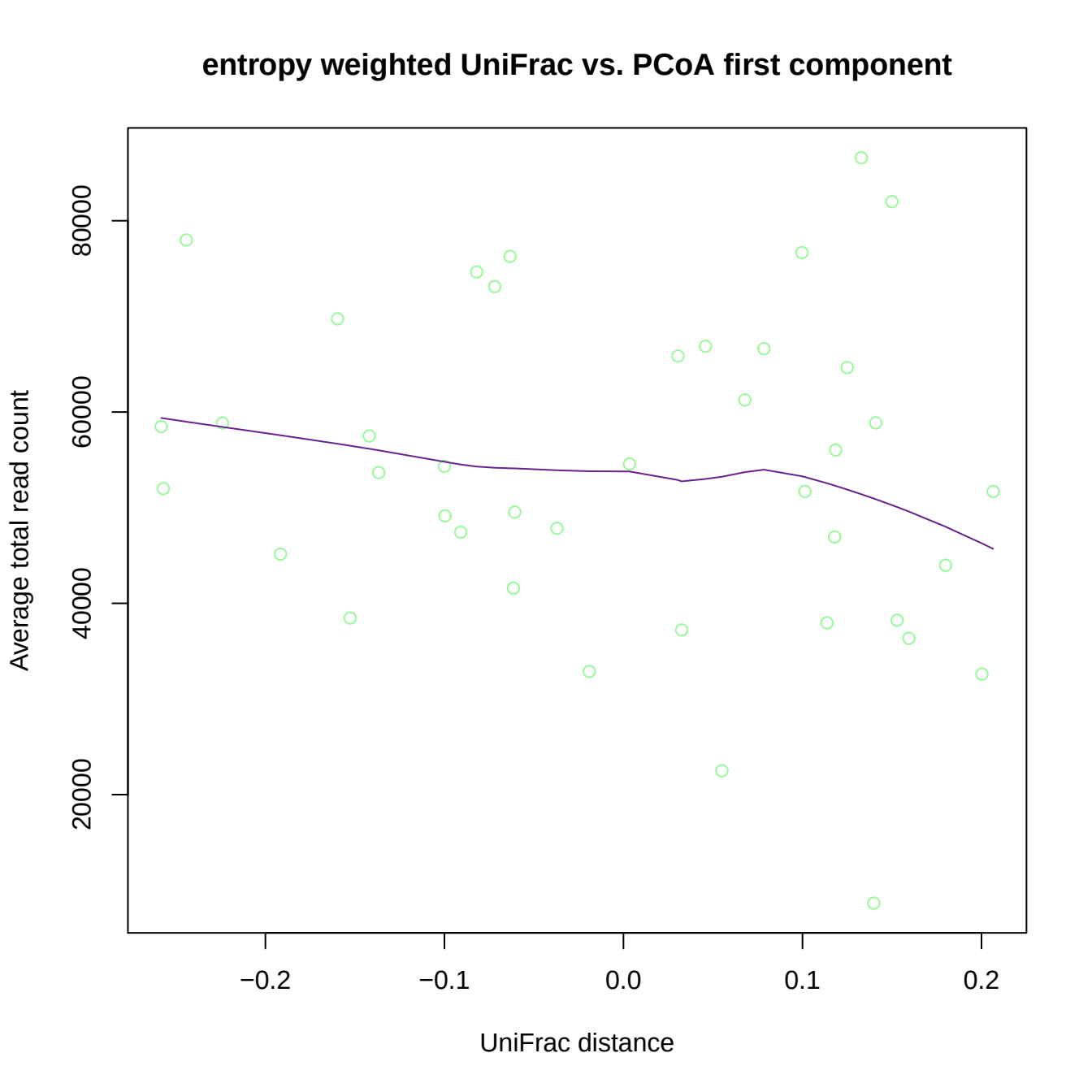

Entropy weighted UniFrac
principal coordinates analysis
Second Component 0.165 variance explained
First Component 0.209 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.2
−0.1
0.0
0.1
0.2

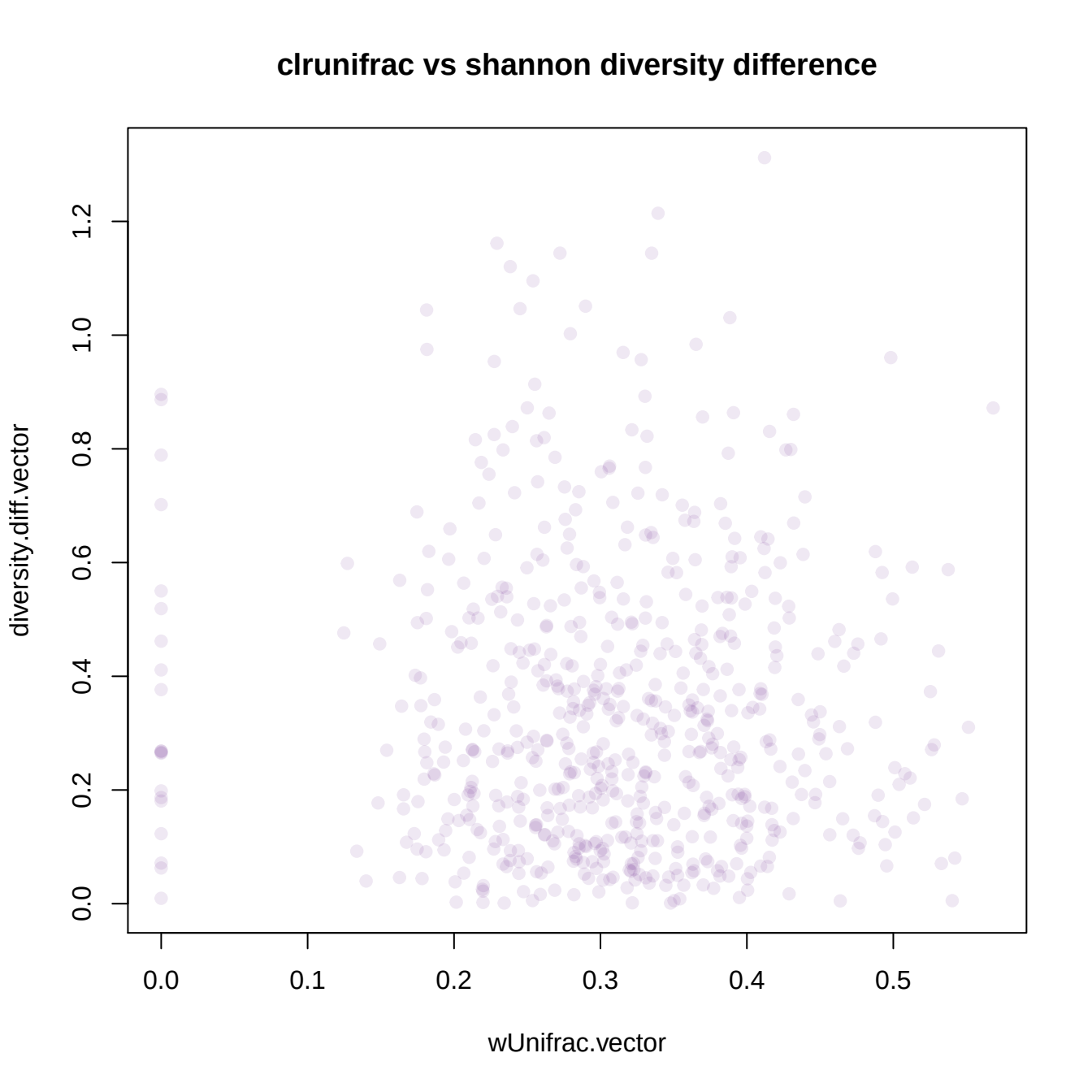

weighted unifrac vs unweighted unifrac
uwUnifrac.vector
wUnifrac.vector
0.0
0.1
0.2
0.3
0.4
0.5
0.6

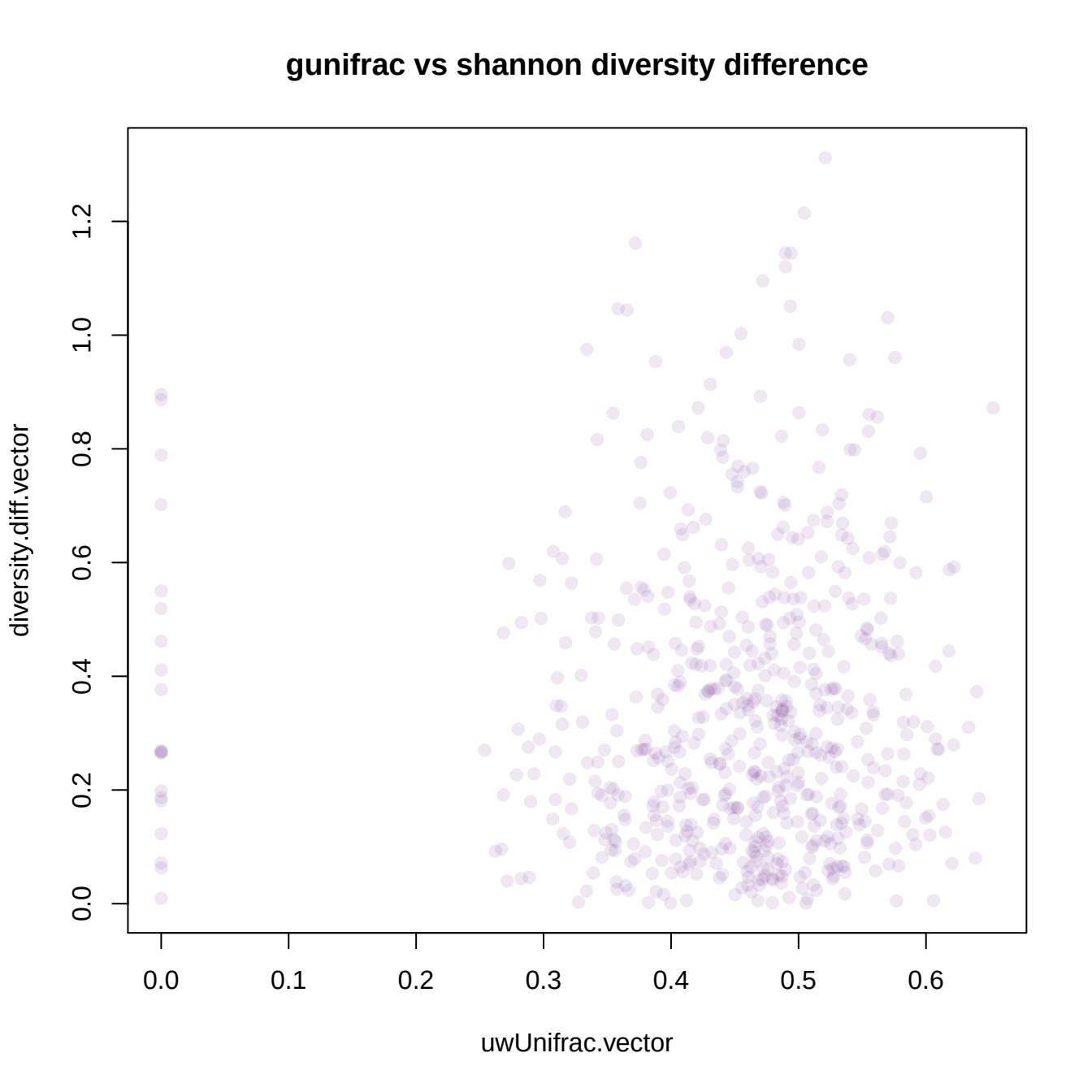

weighted unifrac vs eunifrac
eUnifrac.vector
wUnifrac.vector
0.0
0.1
0.2
0.3
0.4
0.5
0.6

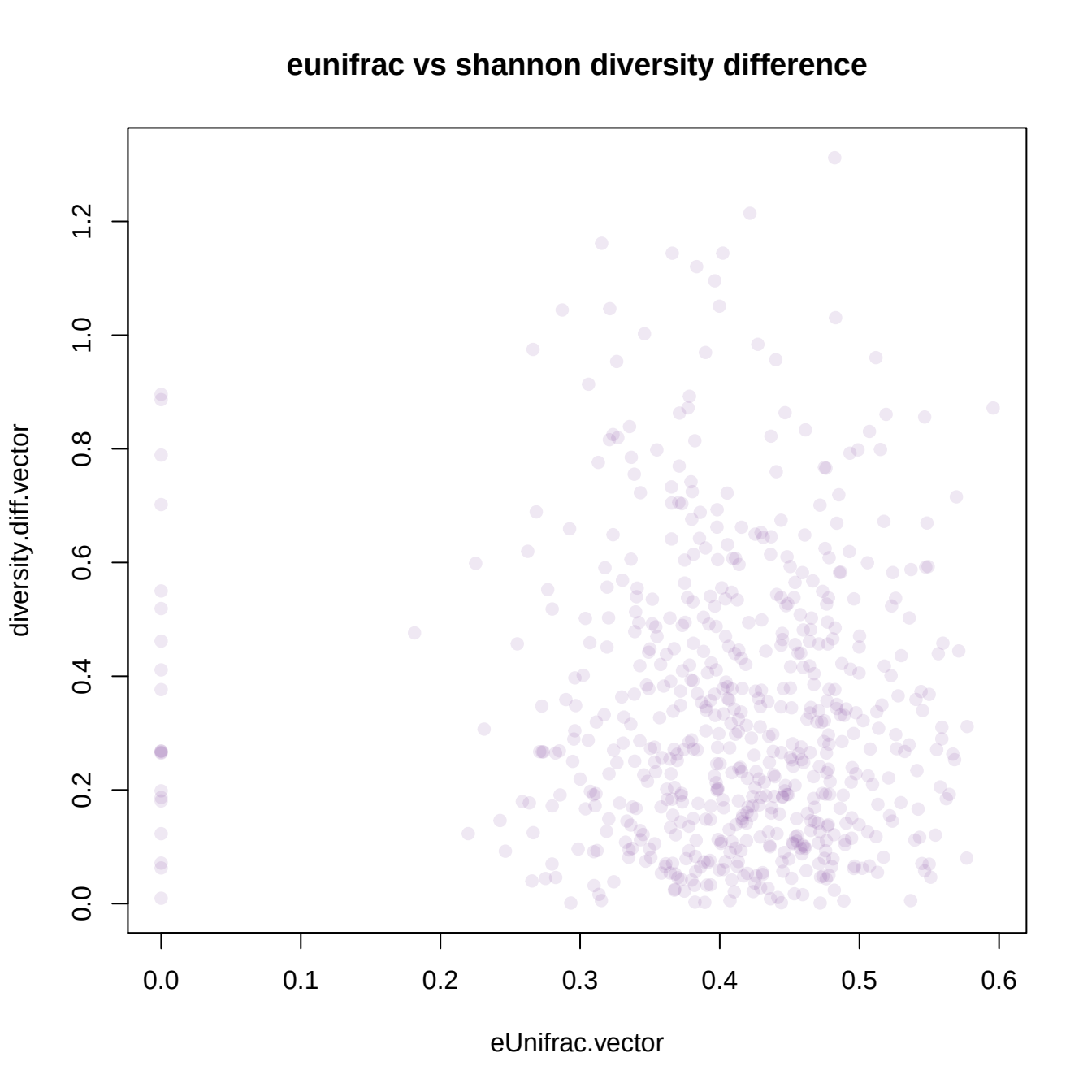

weighted UniFrac vs. PCoA first component
Average total read count
20000
40000
60000
80000
−0.3
−0.2
−0.1
0.0
0.1
0.2
UniFrac distance

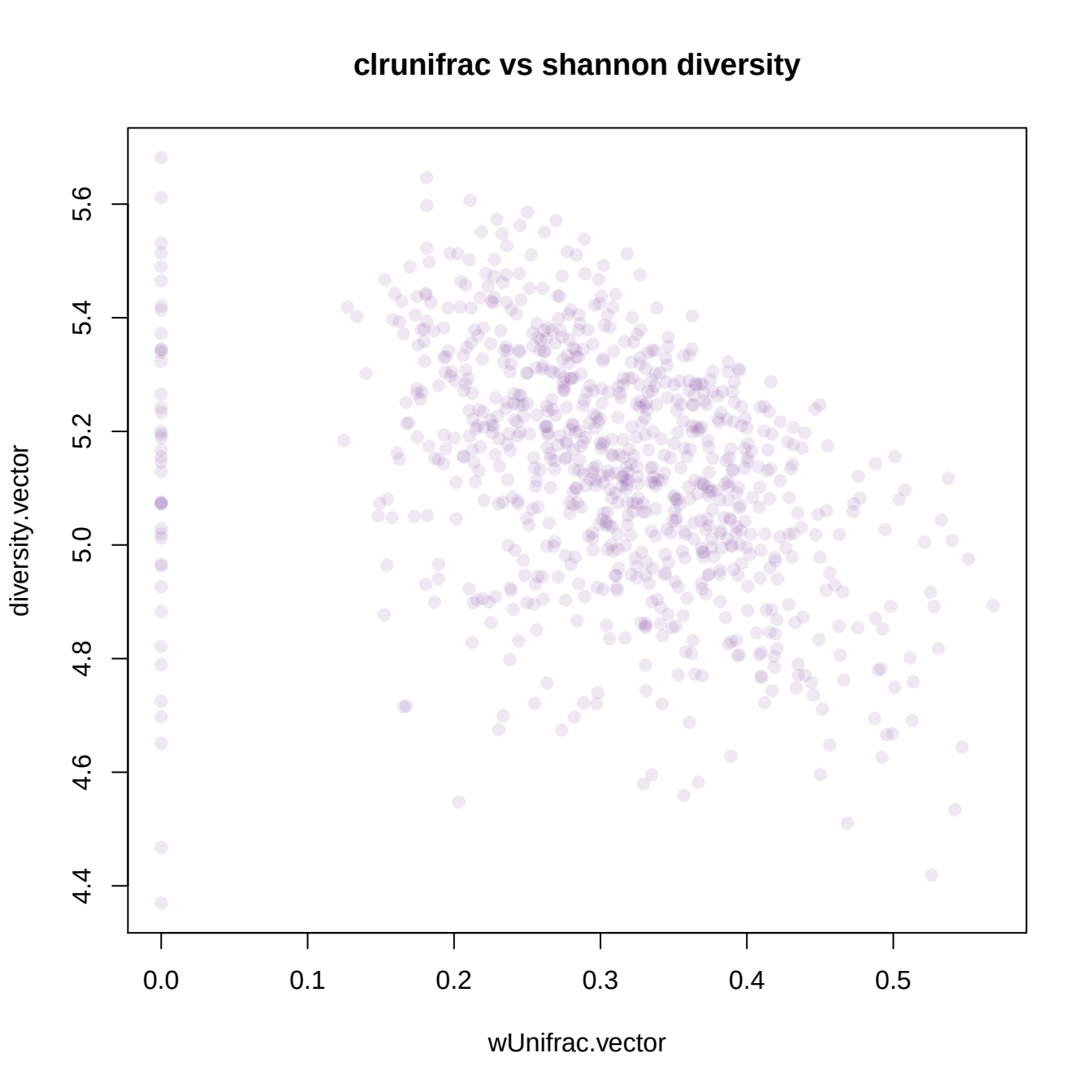

unweighted UniFrac vs. PCoA first component
Average total read count
20000
40000
60000
80000
−0.3
−0.2
−0.1
0.0
0.1
0.2
UniFrac distance

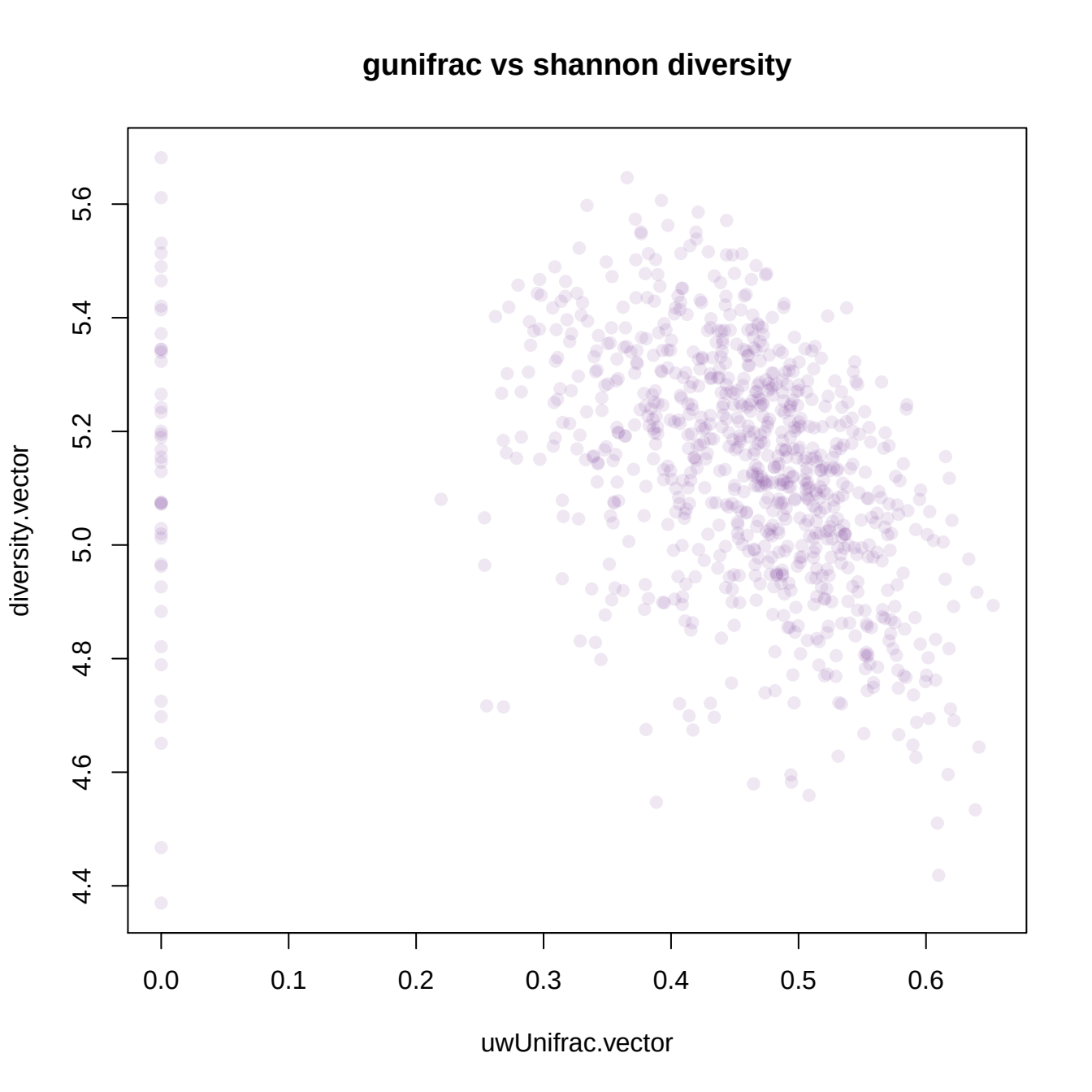

entropy weighted UniFrac vs. PCoA first component
Average total read count
20000
40000
60000
80000
−0.2
−0.1
0.0
0.1
0.2
UniFrac distance

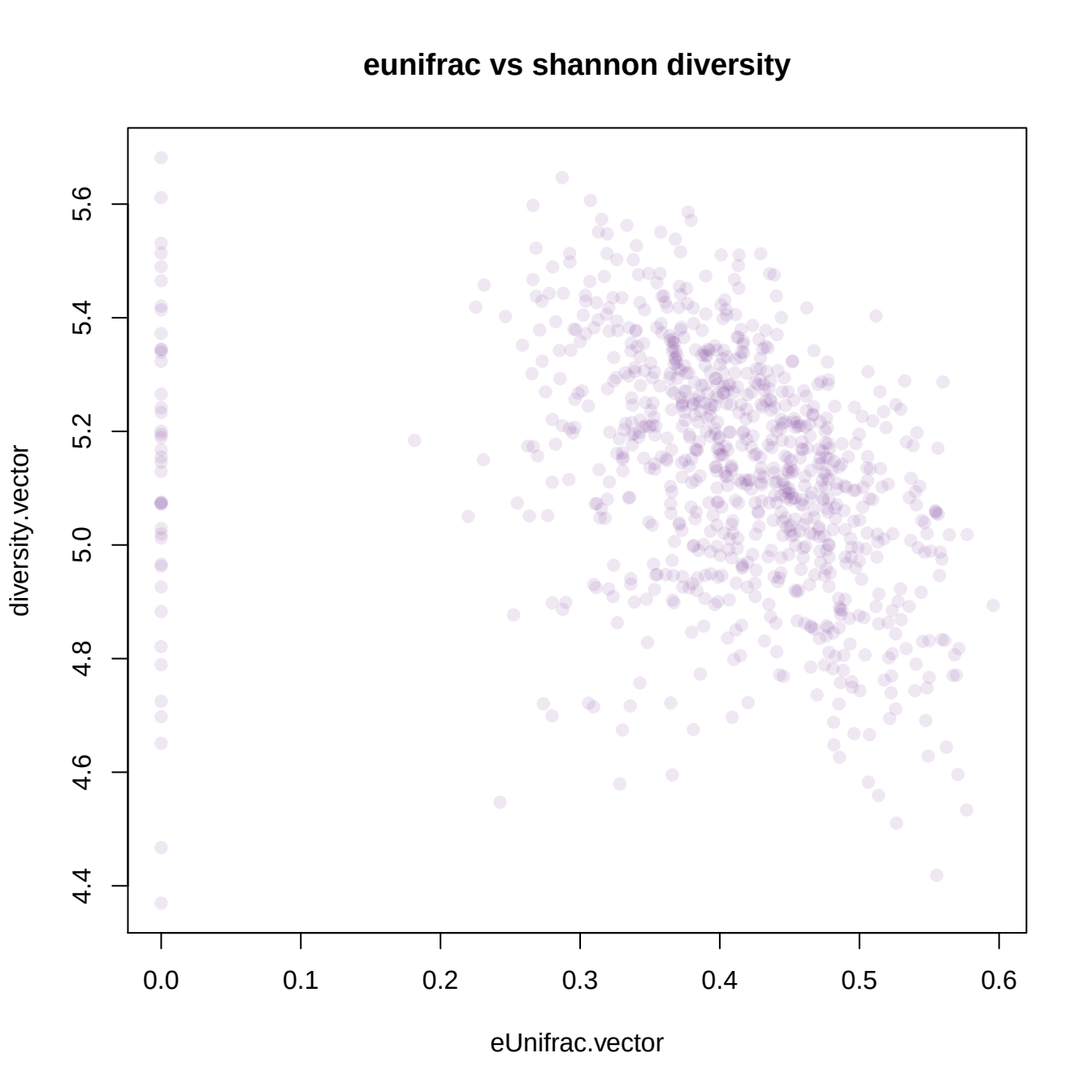

clrunifrac vs shannon diversity difference
diversity.diff.vector
0.0
0.2
0.4
0.6
0.8
1.0
1.2
wUnifrac.vector
0.0
0.1
0.2
0.3
0.4
0.5

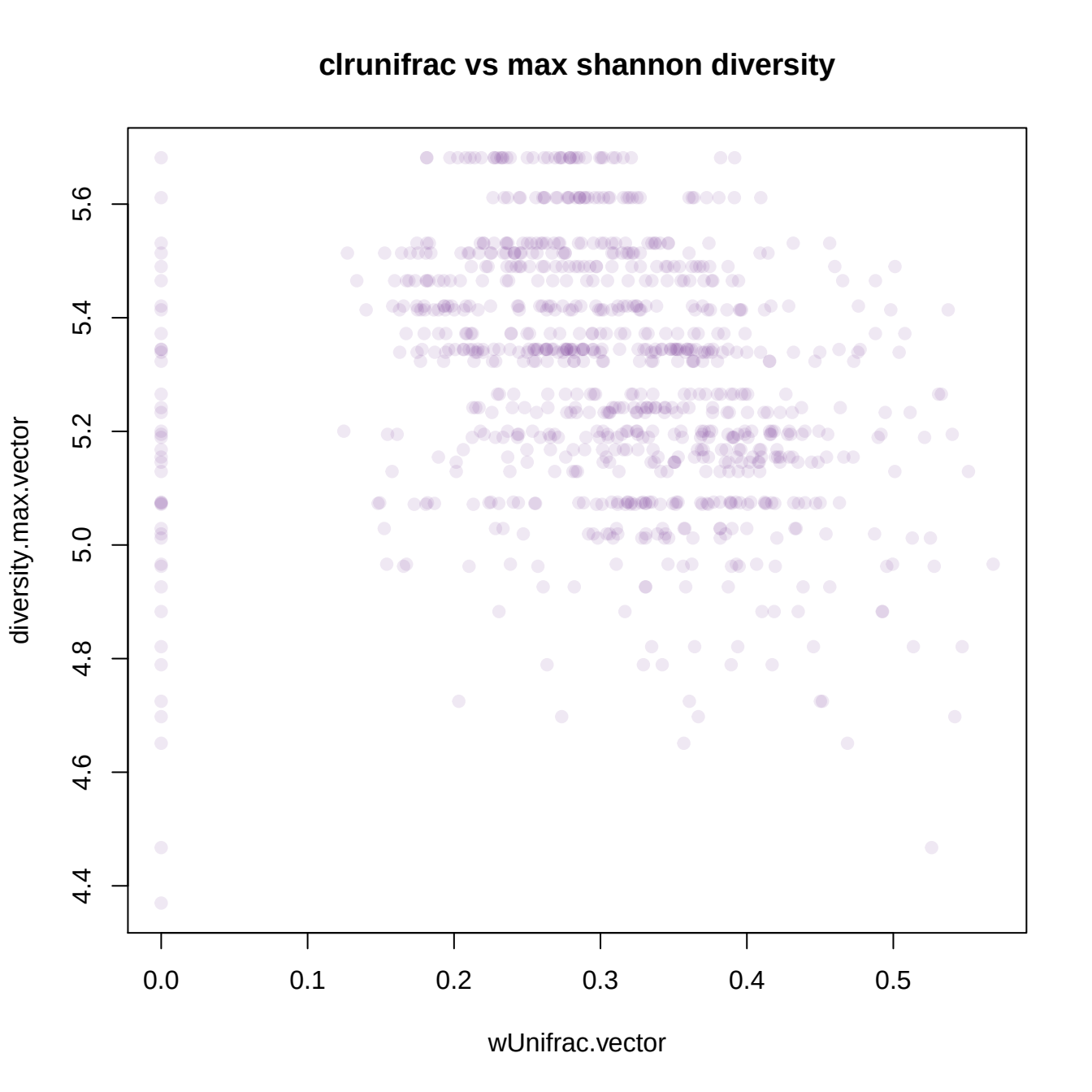

gunifrac vs shannon diversity difference
diversity.diff.vector
uwUnifrac.vector
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0.0
0.1
0.2
0.3
0.4
0.5
0.6

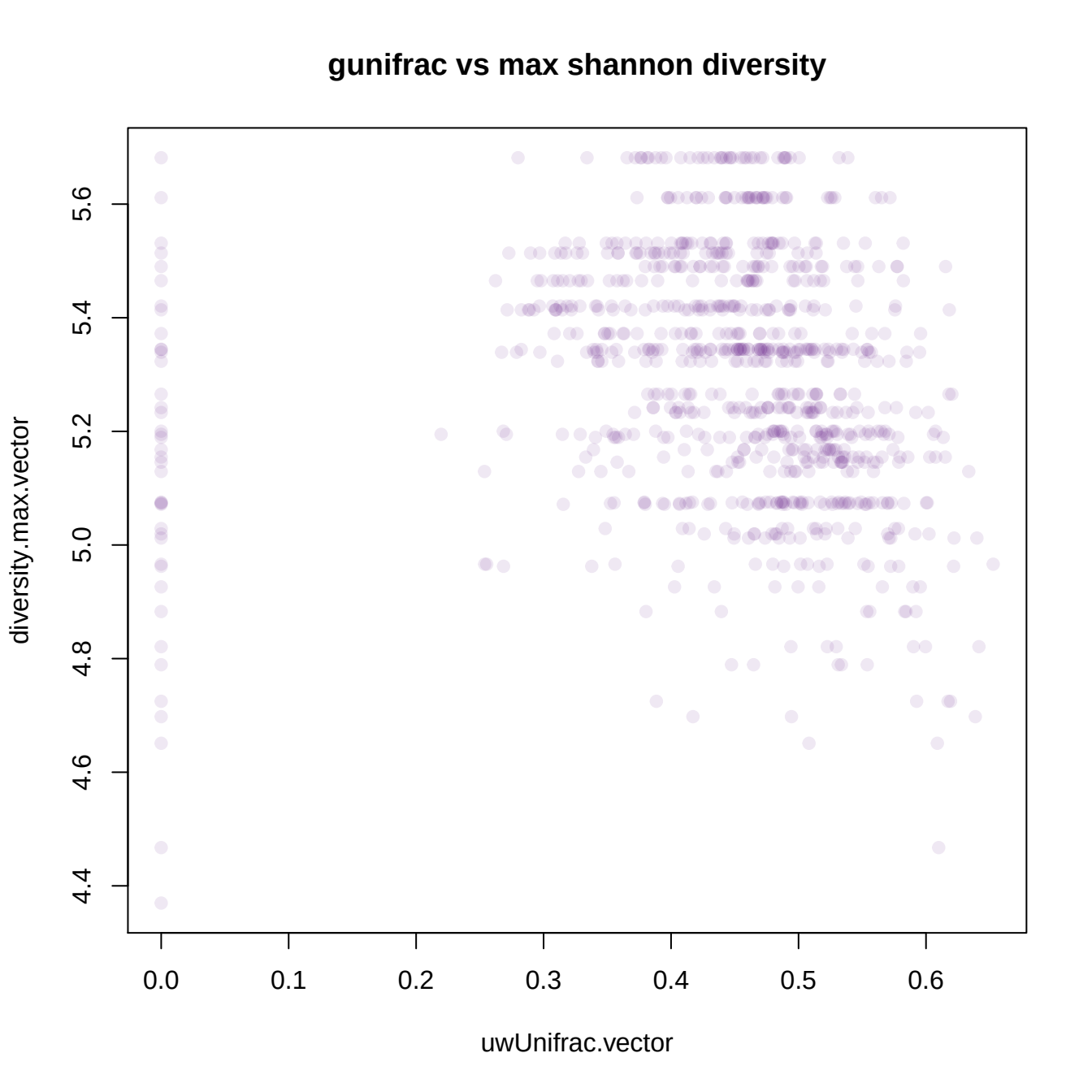

eunifrac vs shannon diversity difference
diversity.diff.vector
eUnifrac.vector
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0.0
0.1
0.2
0.3
0.4
0.5
0.6

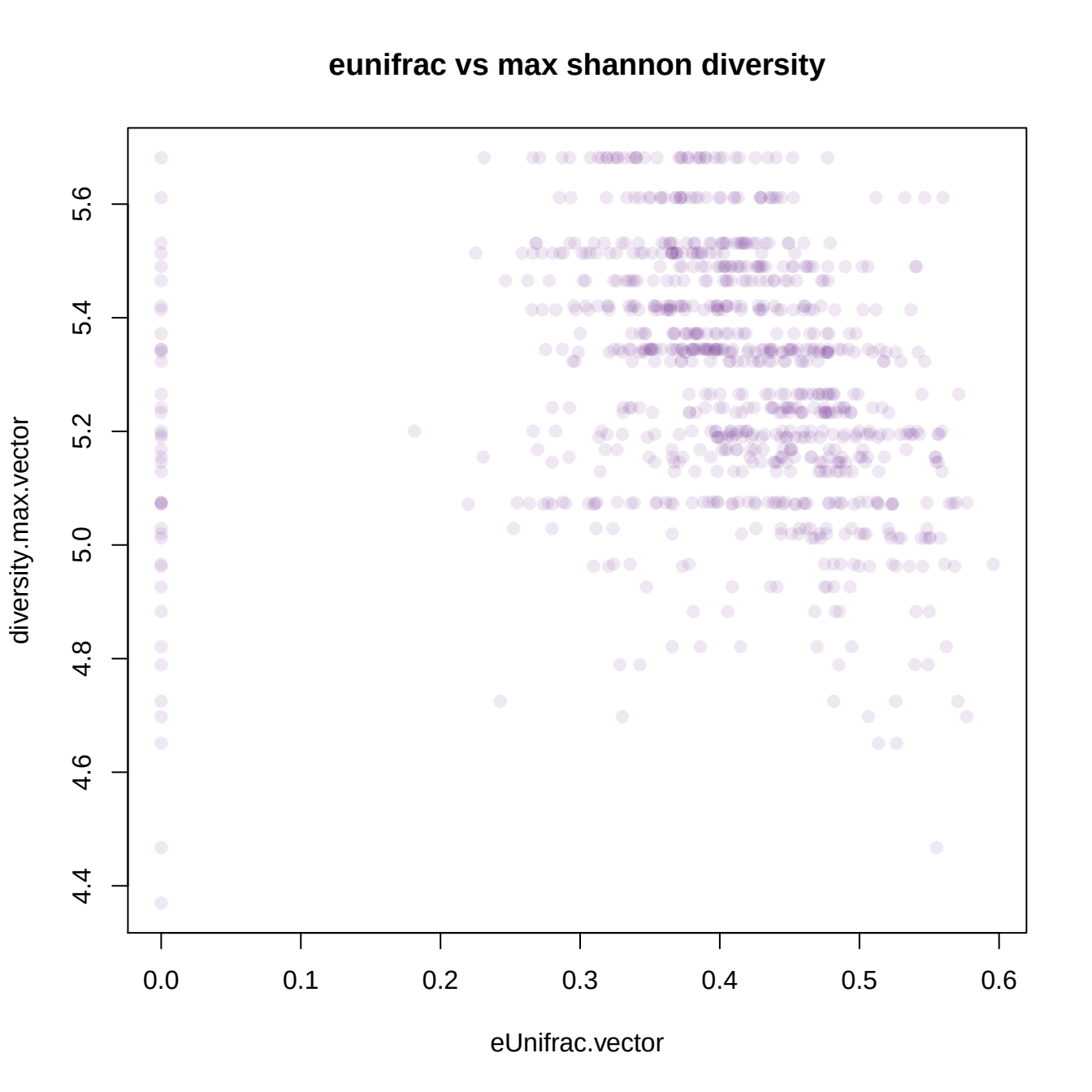

clrunifrac vs shannon diversity
diversity.vector
wUnifrac.vector
4.4
4.6
4.8
5.0
5.2
5.4
5.6
0.0
0.1
0.2
0.3
0.4
0.5


gunifrac vs shannon diversity
diversity.vector
uwUnifrac.vector
4.4
4.6
4.8
5.0
5.2
5.4
5.6
0.0
0.1
0.2
0.3
0.4
0.5
0.6


eunifrac vs shannon diversity
diversity.vector
eUnifrac.vector
4.4
4.6
4.8
5.0
5.2
5.4
5.6
0.0
0.1
0.2
0.3
0.4
0.5
0.6


clrunifrac vs max shannon diversity
diversity.max.vector
wUnifrac.vector
4.4
4.6
4.8
5.0
5.2
5.4
5.6
0.0
0.1
0.2
0.3
0.4
0.5


gunifrac vs max shannon diversity
diversity.max.vector
uwUnifrac.vector
4.4
4.6
4.8
5.0
5.2
5.4
5.6
0.0
0.1
0.2
0.3
0.4
0.5
0.6


eunifrac vs max shannon diversity
diversity.max.vector
eUnifrac.vector
4.4
4.6
4.8
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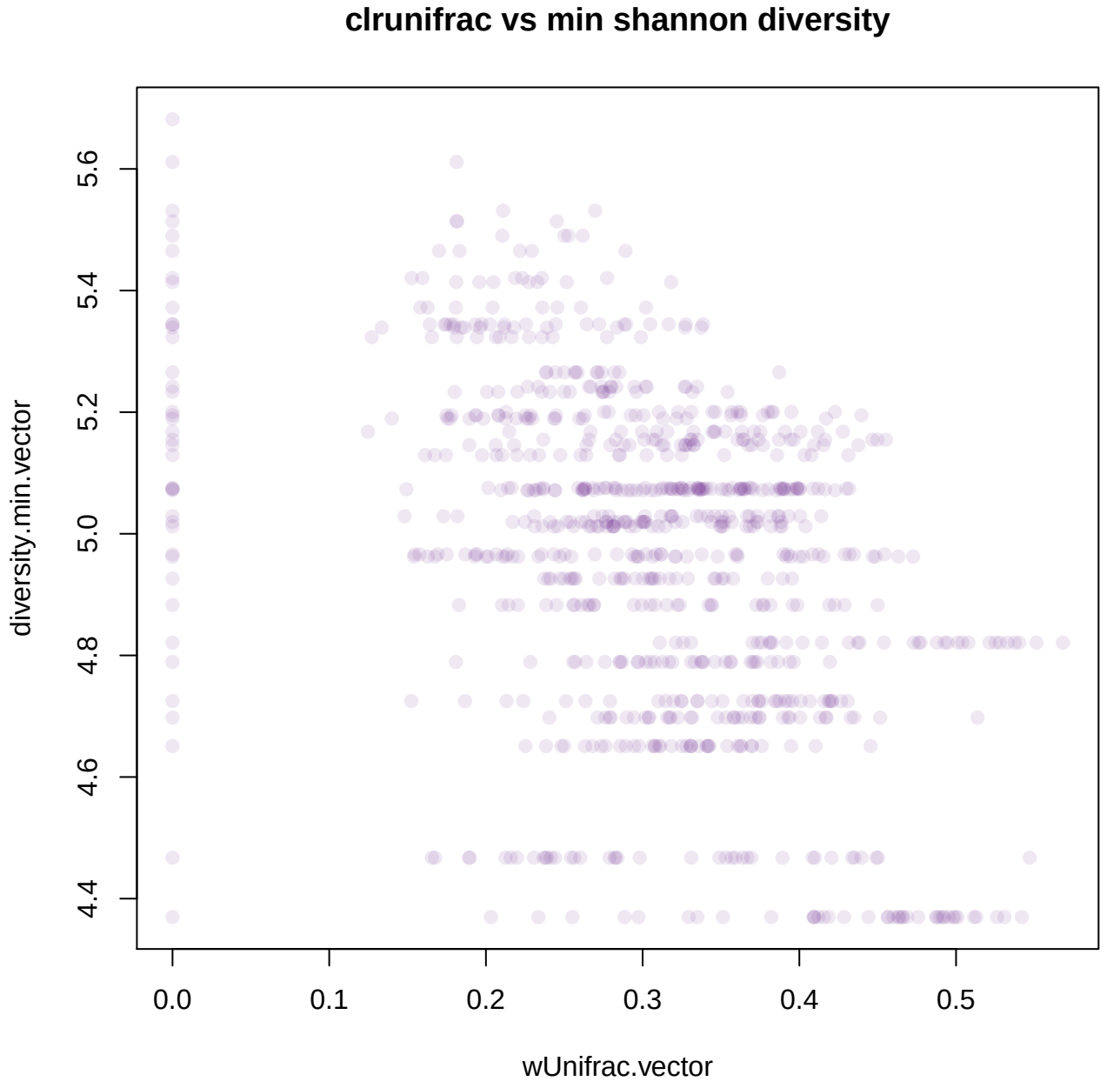
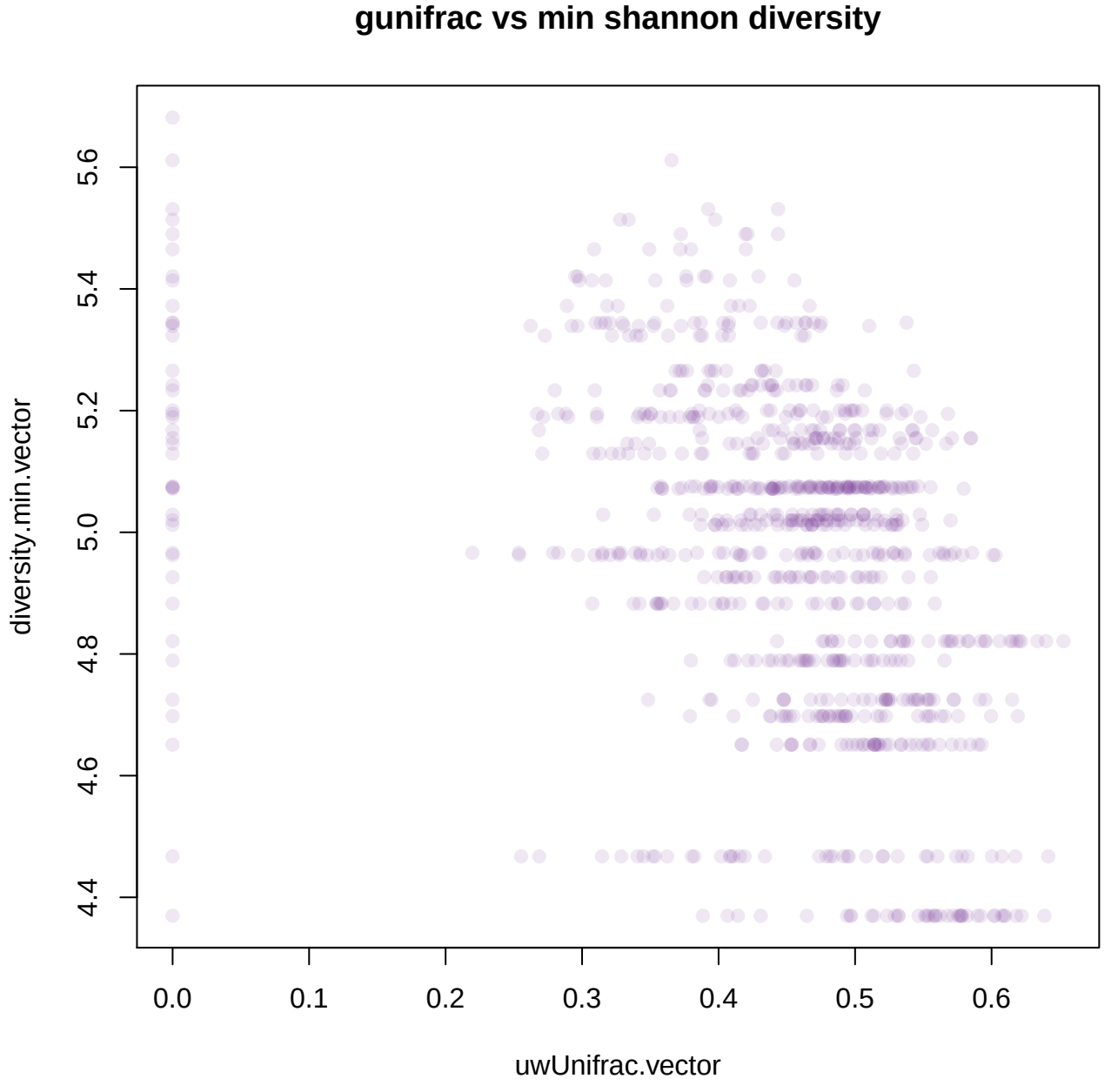
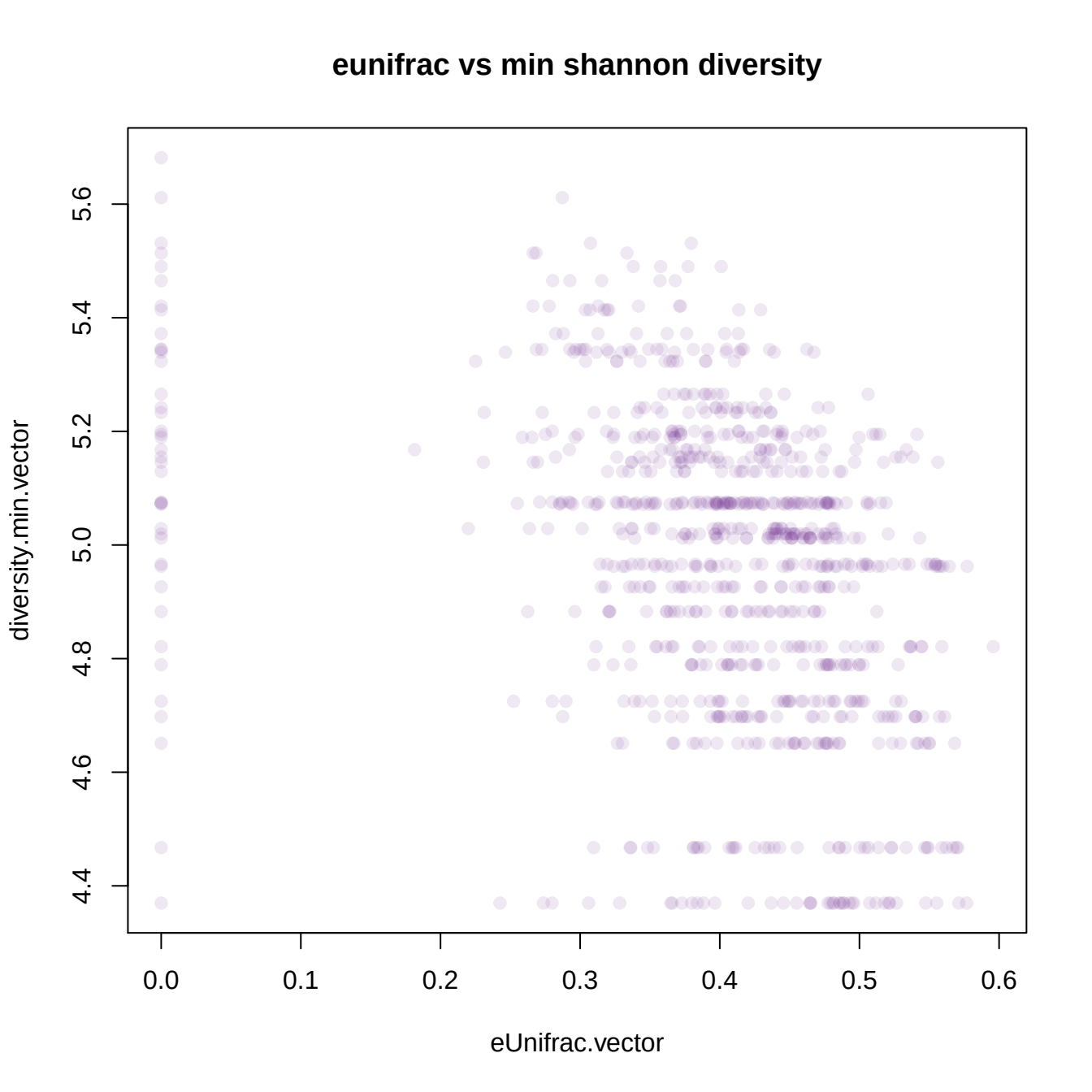
5.4
5.6
0.0
0.1
0.2
0.3
0.4
0.5
0.6


clrunifrac vs min shannon diversity
diversity.min.vector
5.6
5.4
5.2
5.0
4.8
4.6
4.4
0.0
0.1
0.2
0.3
0.4
0.5
wUnifrac.vector


gunifrac vs min shannon diversity
diversity.min.vector
5.6
5.4
5.2
5.0
4.8
4.6
4.4
0.0
0.1
0.2
0.3
0.4
0.5
0.6
uwUnifrac.vector


eunifrac vs min shannon diversity
diversity.min.vector
eUnifrac.vector
5.6
5.4
5.2
5.0
4.8
4.6
4.4
0.0
0.1
0.2
0.3
0.4
0.5
0.6