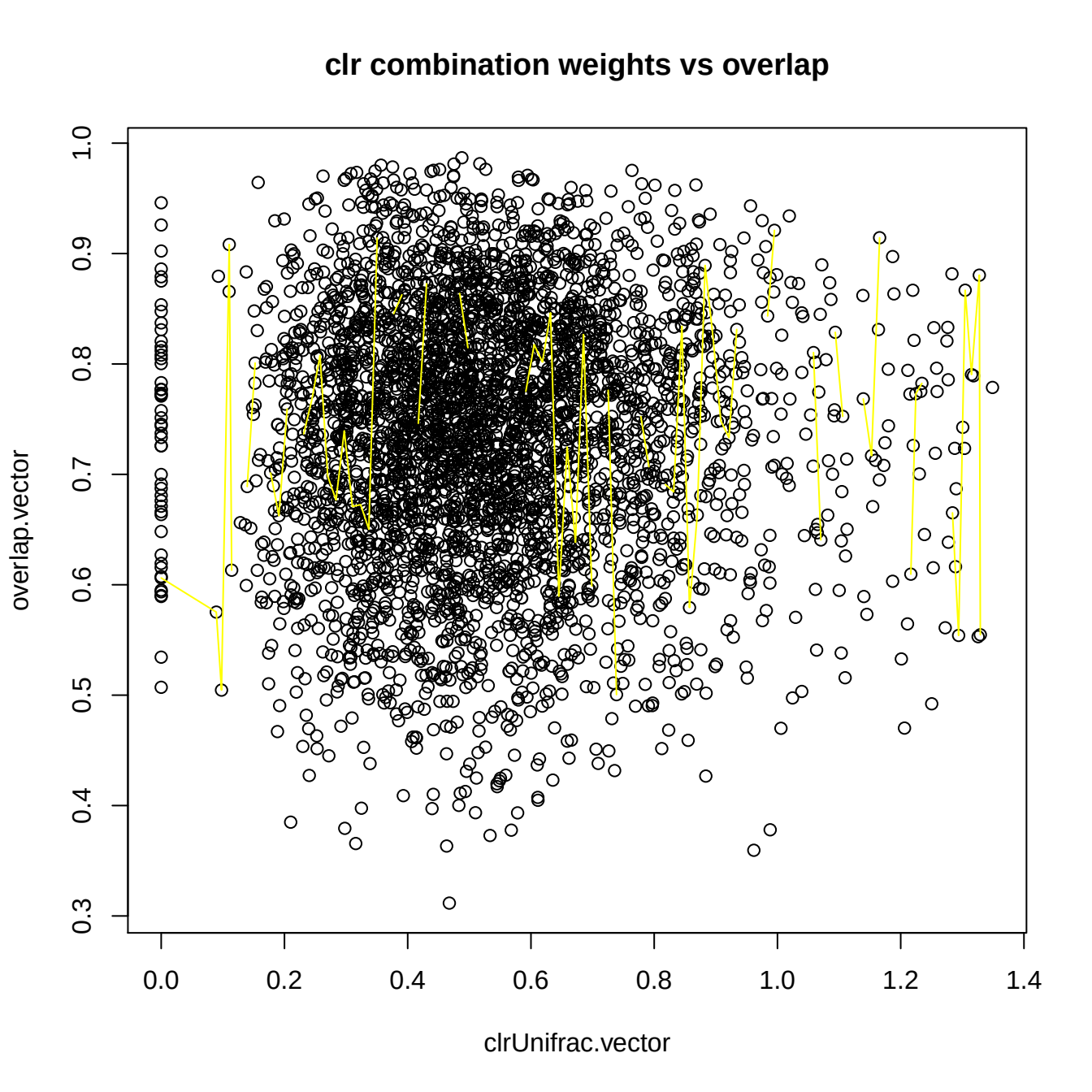
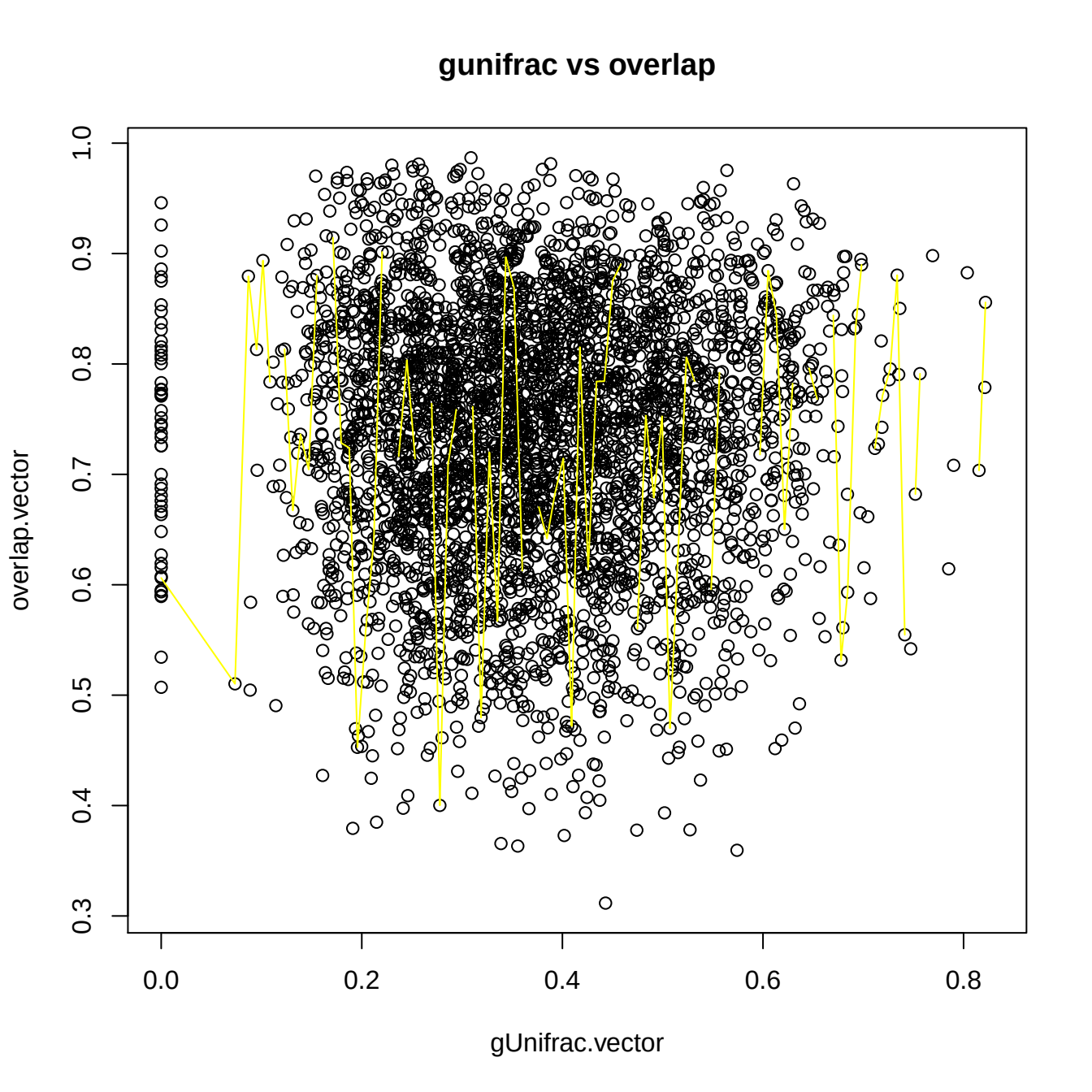
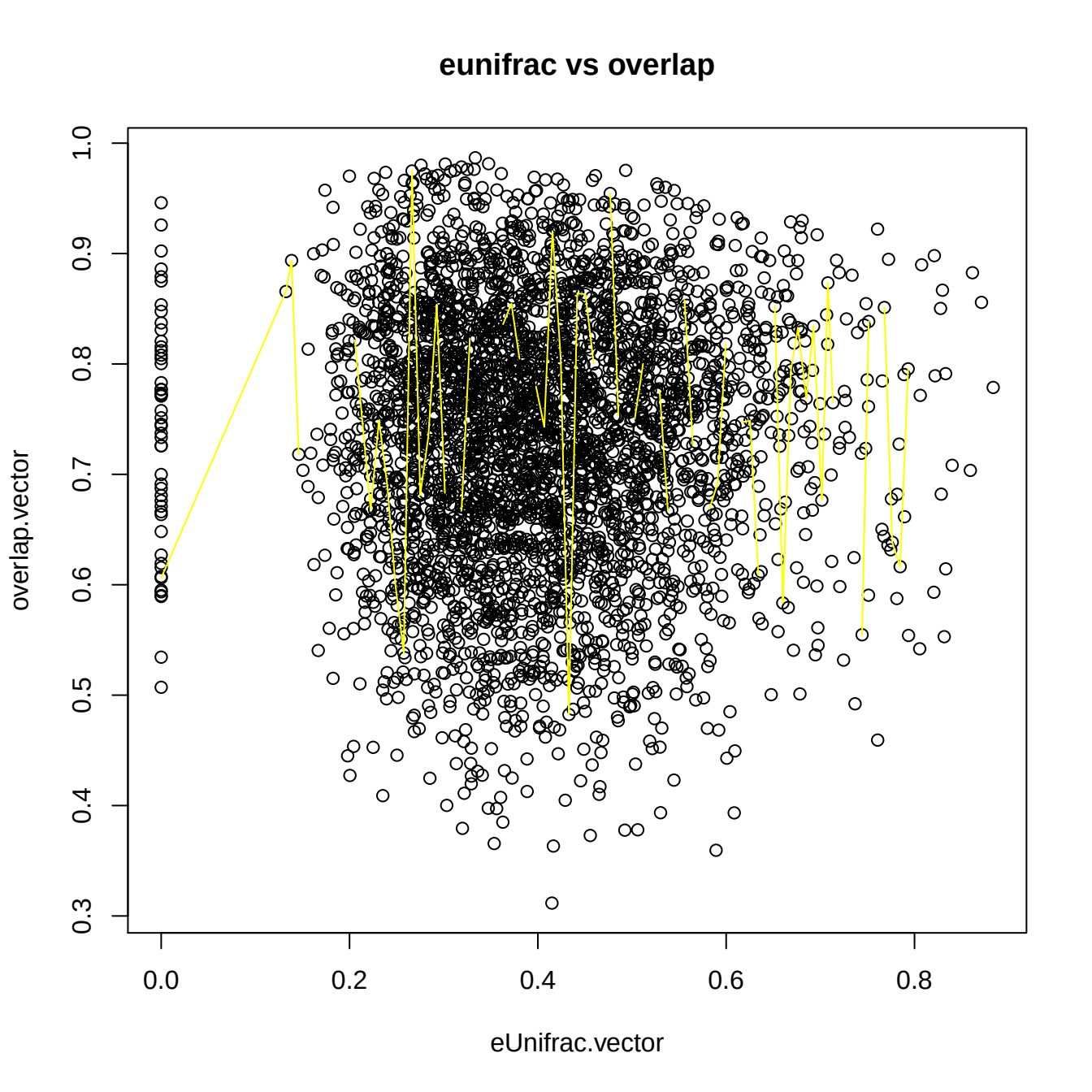
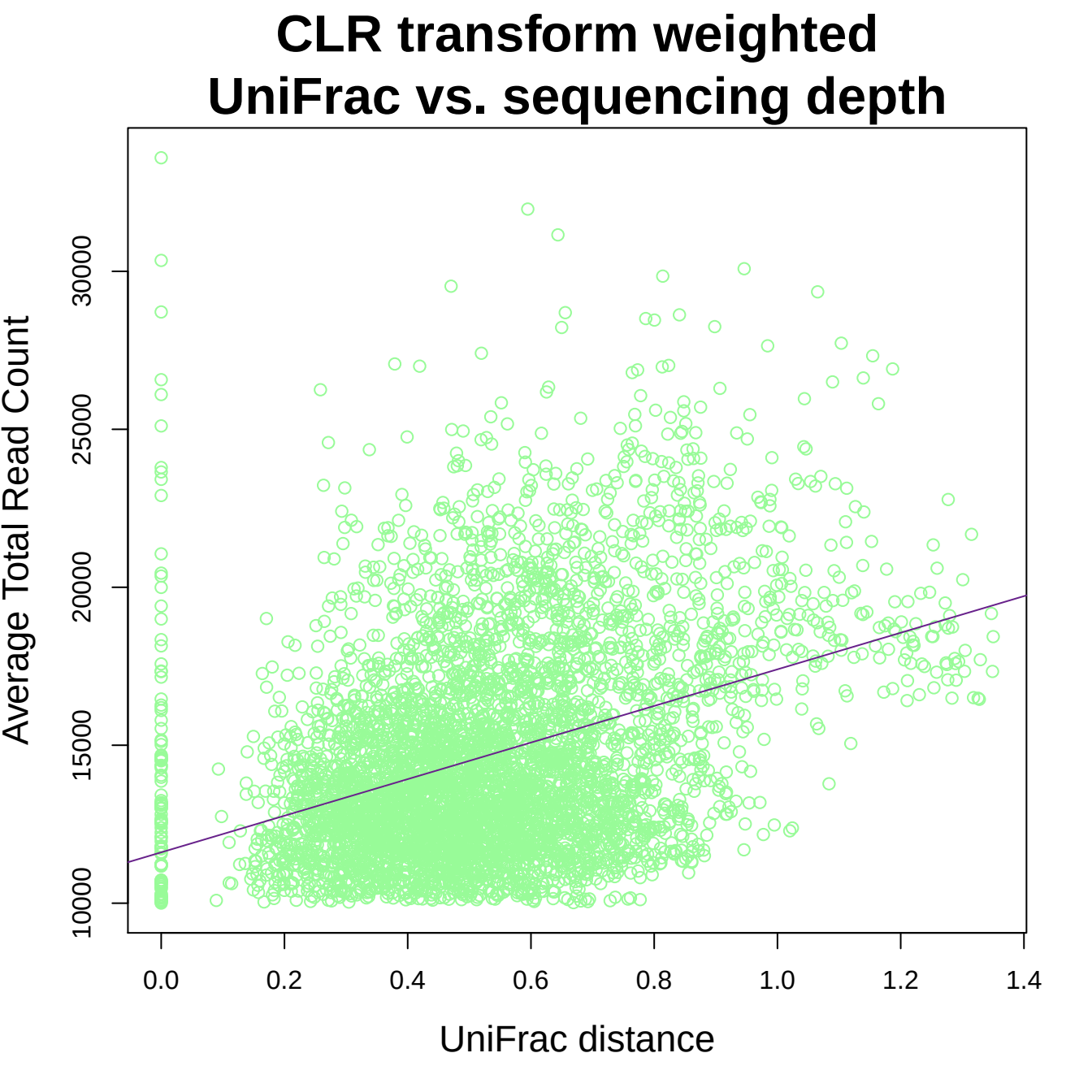
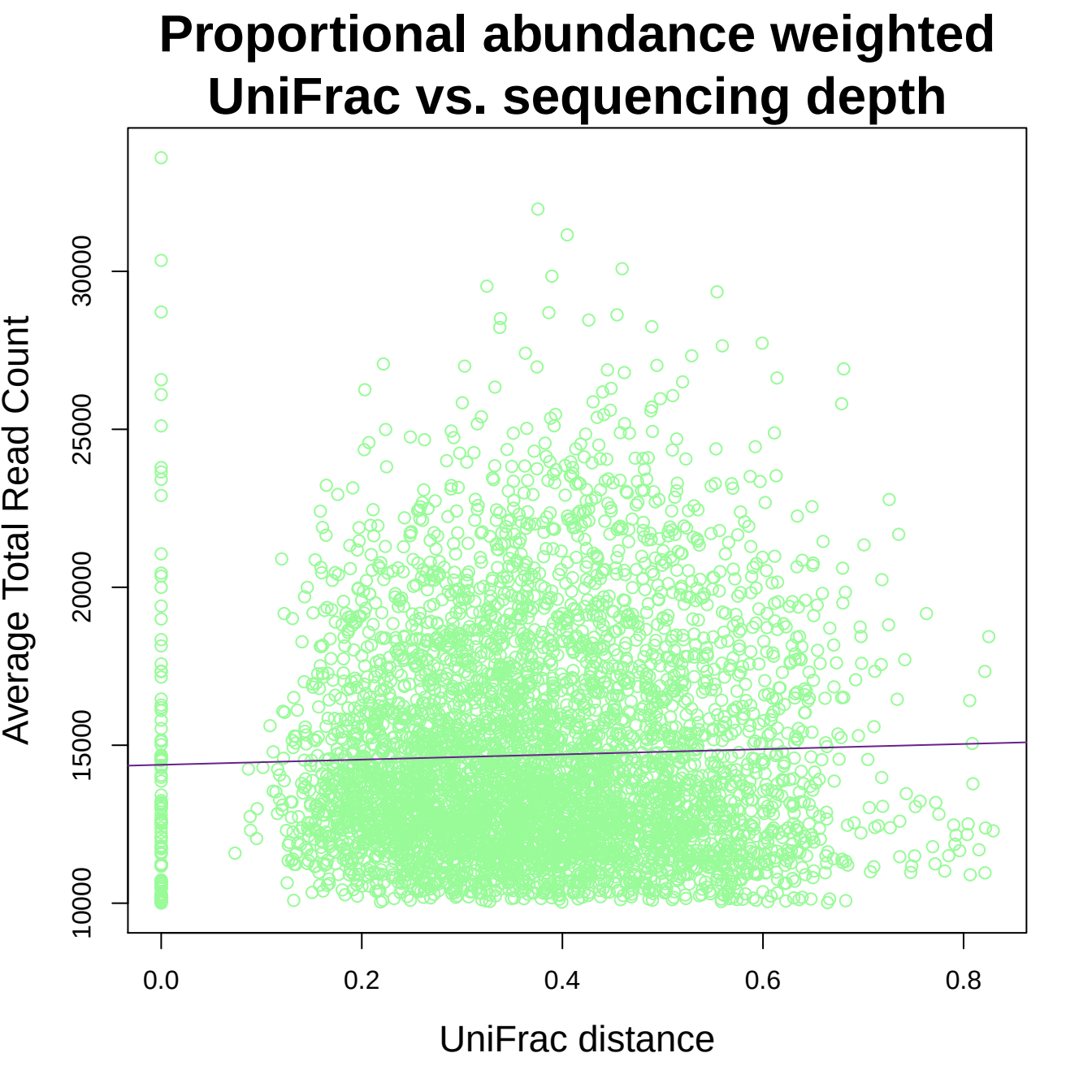
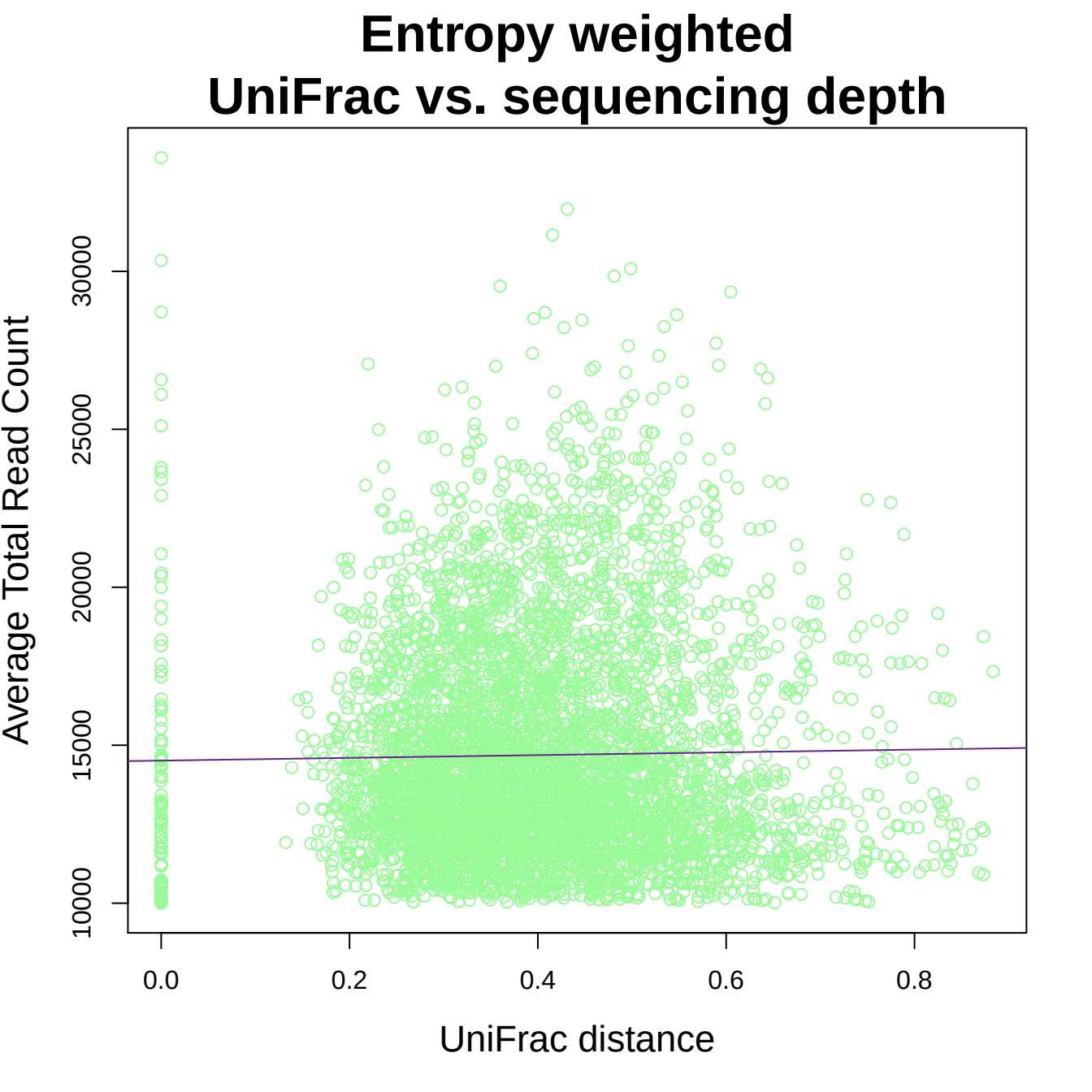

clr combination weights vs overlap
overlap.vector
clrUnifrac.vector
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4

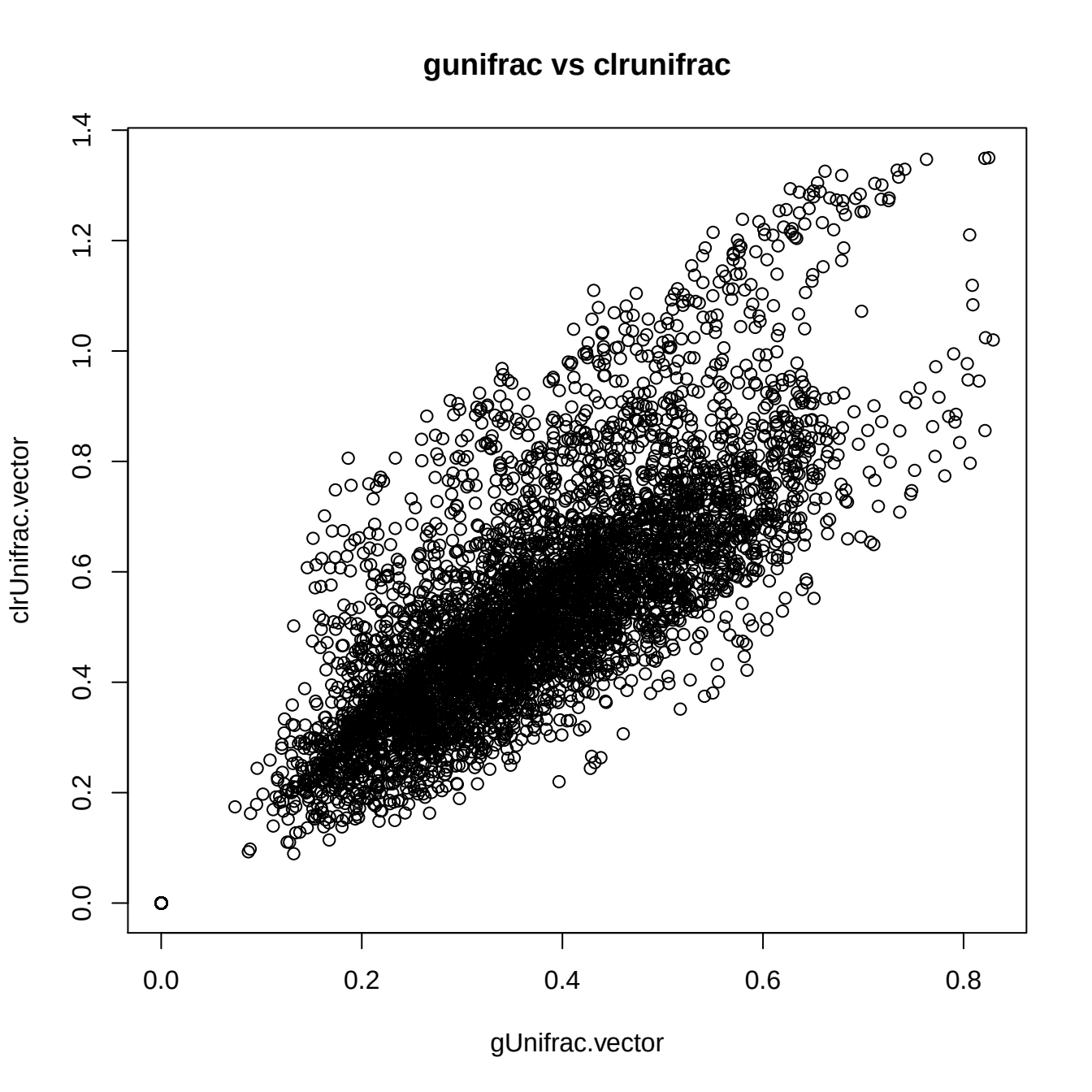

gunifrac vs overlap
overlap.vector
gUnifrac.vector
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
0.0
0.2
0.4
0.6
0.8

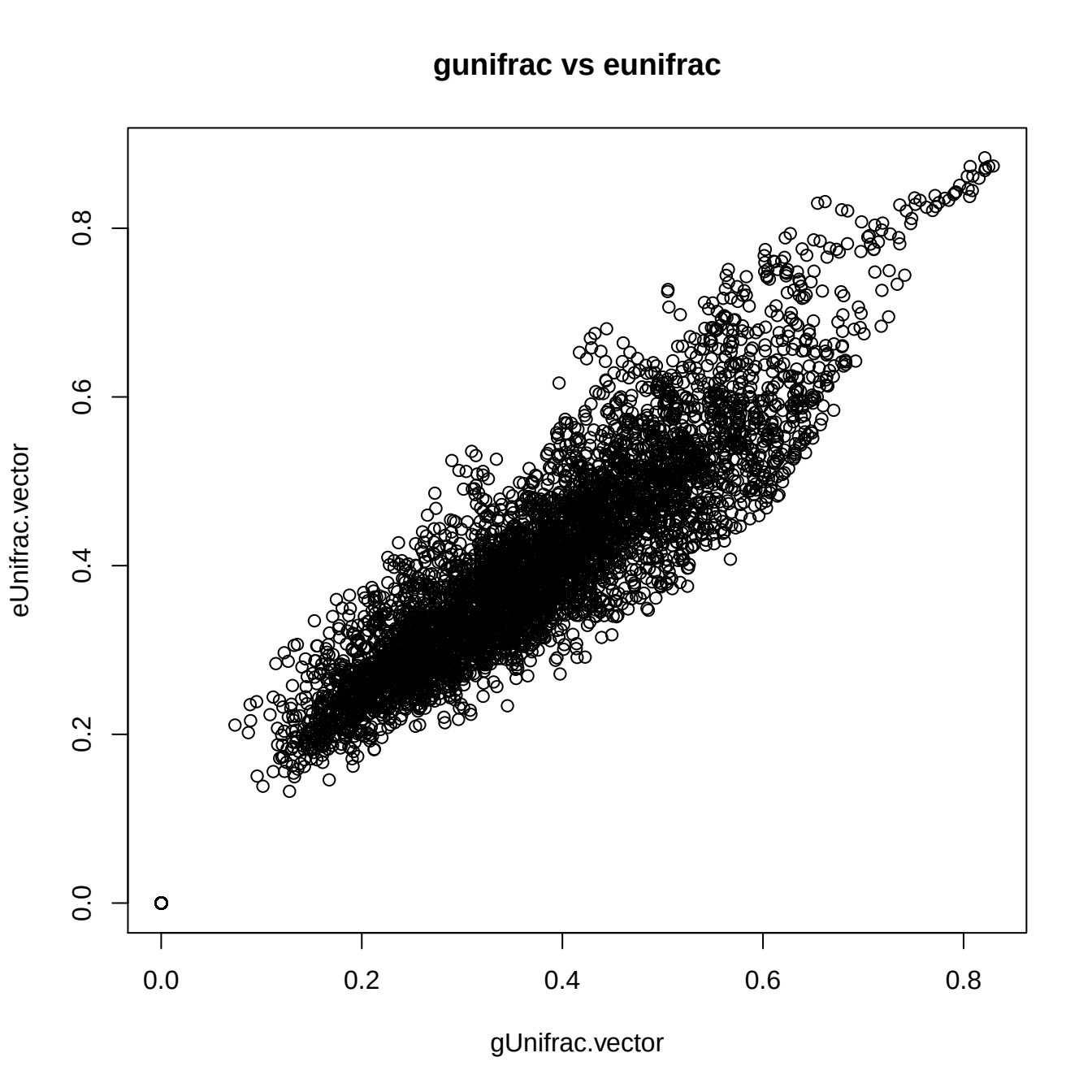

eunifrac vs overlap
overlap.vector
eUnifrac.vector
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.0
0.2
0.4
0.6
0.8

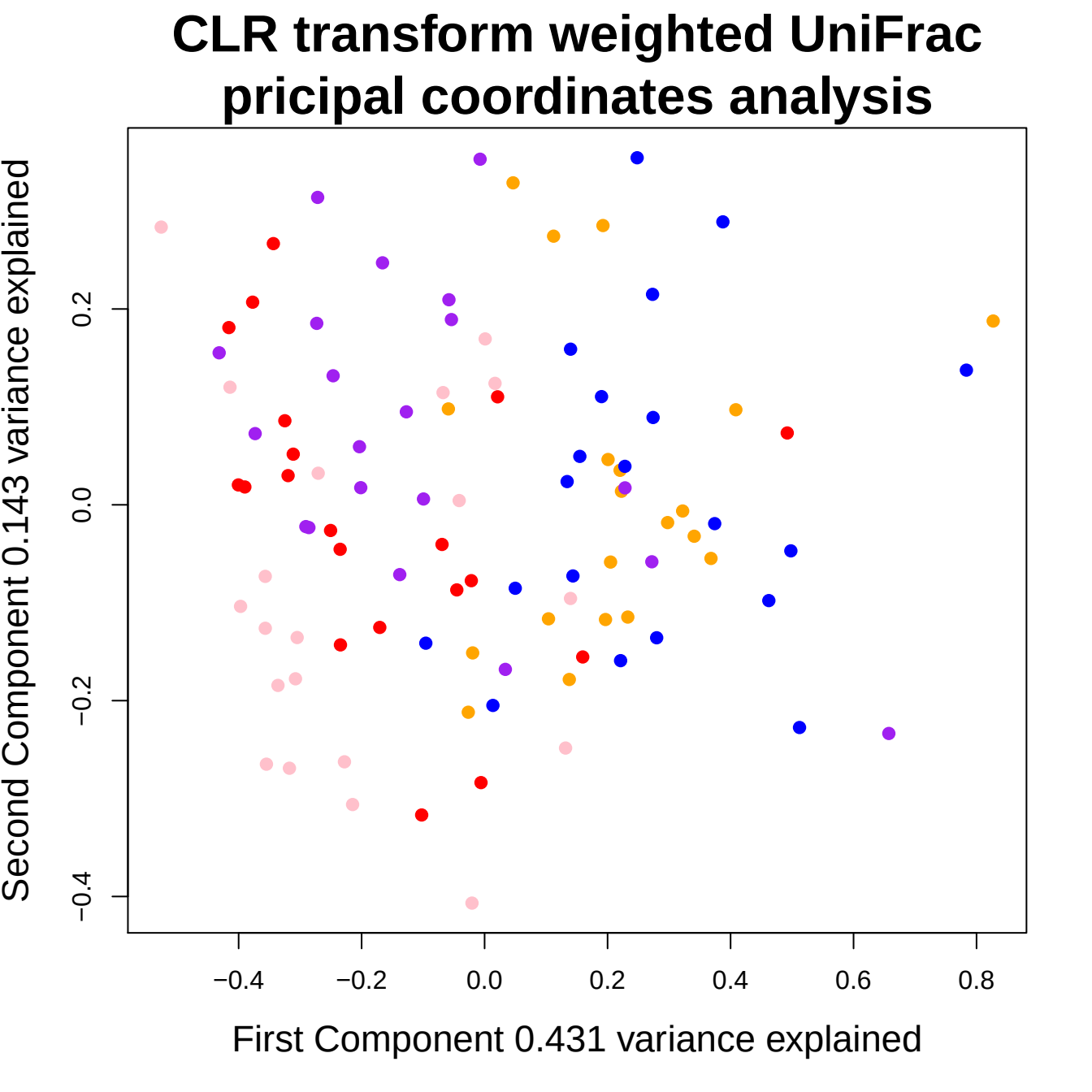

CLR transform weighted
UniFrac vs. sequencing depth
Average Total Read Count
10000
15000
20000
25000
30000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
UniFrac distance

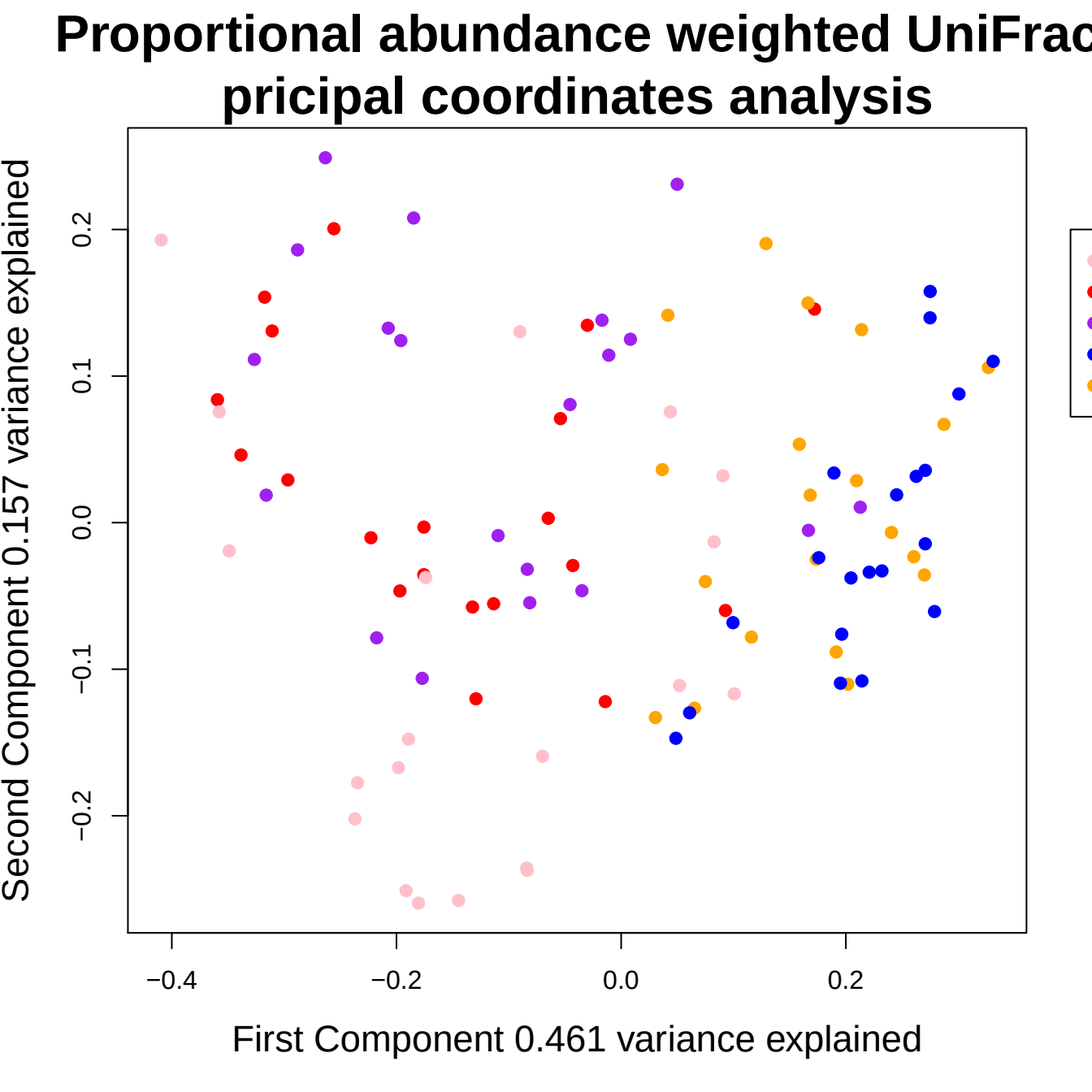

Proportional abundance weighted UniFrac vs. sequencing depth
Average Total Read Count
10000
15000
20000
25000
30000
0.0
0.2
0.4
0.6
0.8
UniFrac distance

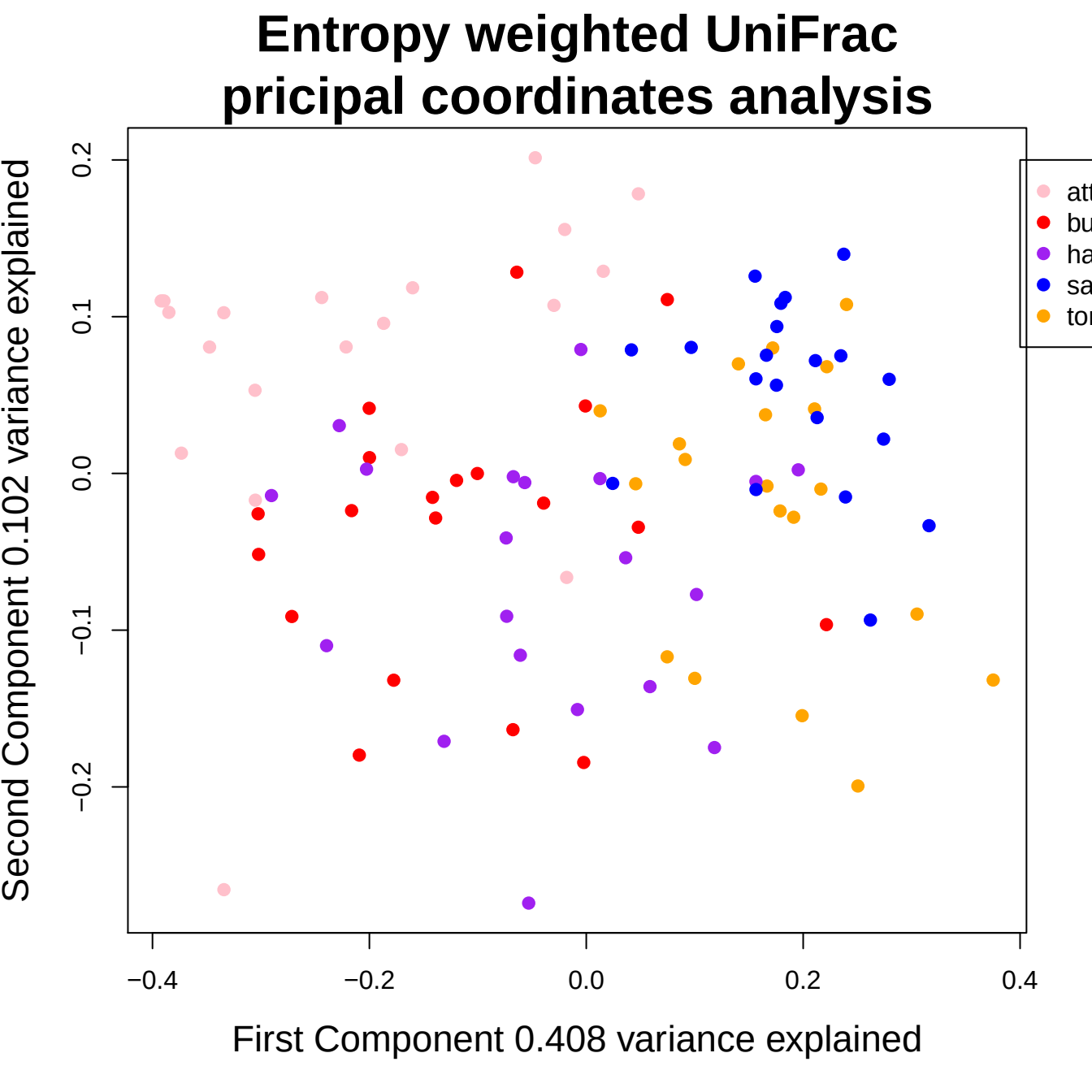

Entropy weighted
UniFrac vs. sequencing depth
Average Total Read Count
10000
15000
20000
25000
30000
0.0
0.2
0.4
0.6
0.8
UniFrac distance

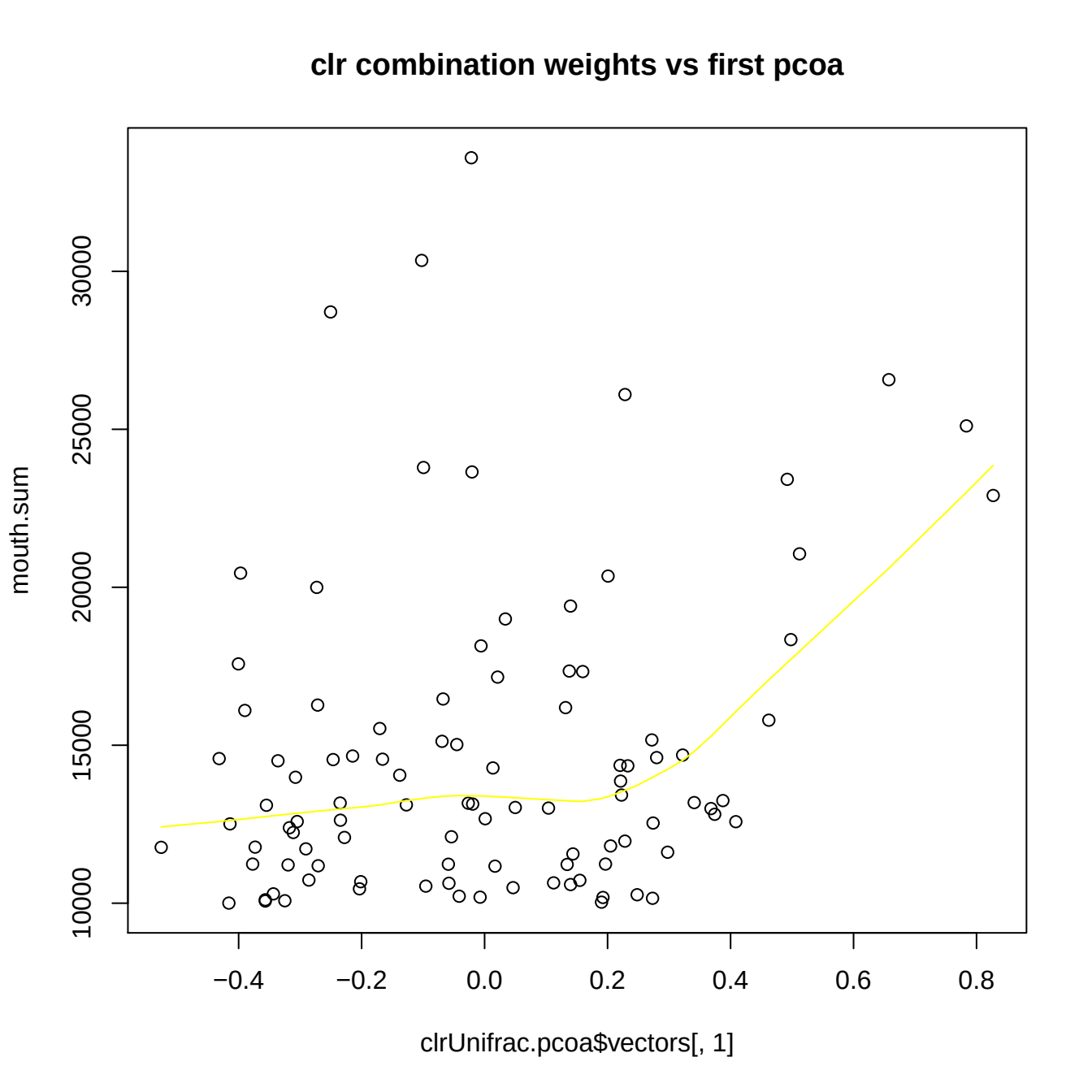

gunifrac vs clrunifrac
clrUnifrac.vector
gUnifrac.vector
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4

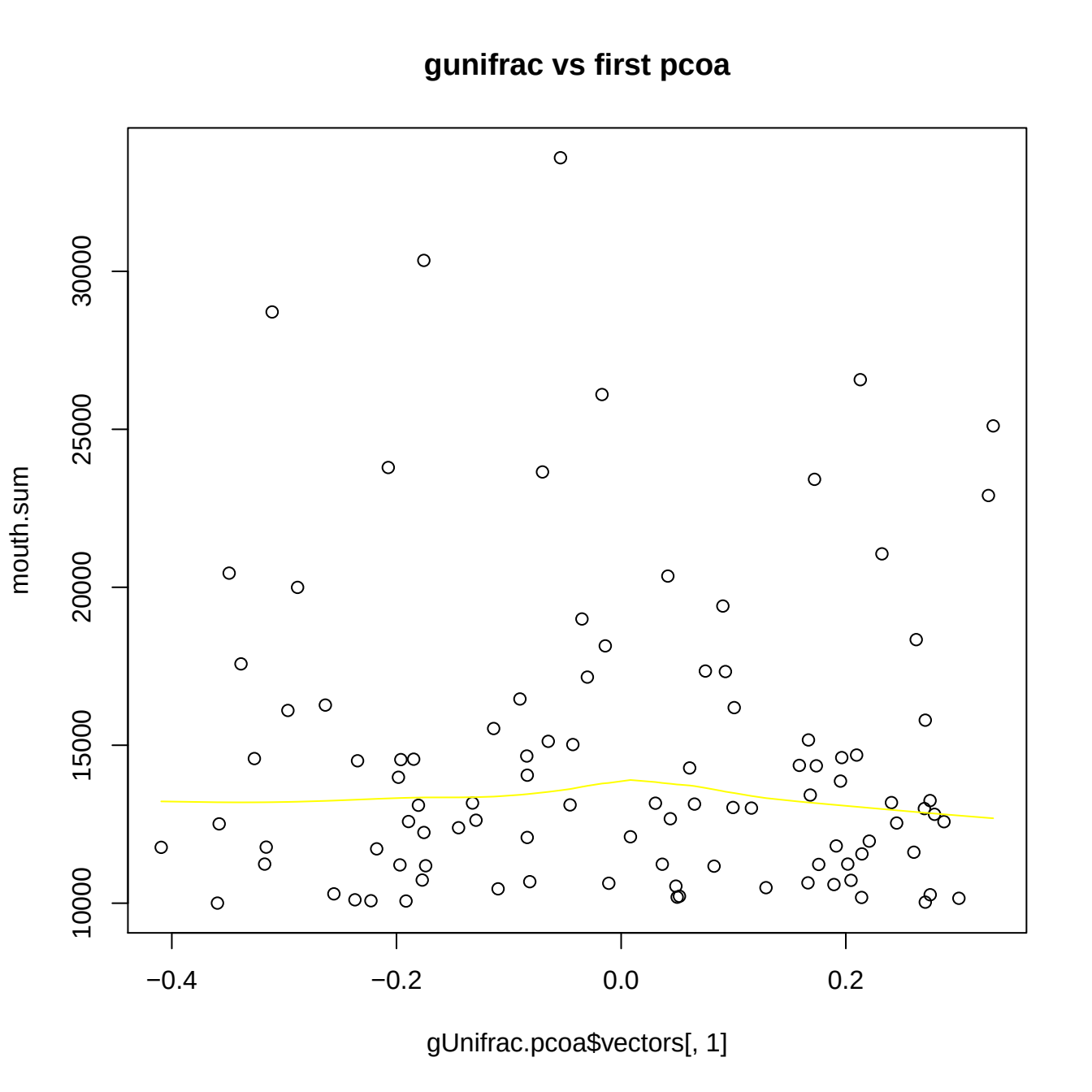

gunifrac vs eunifrac
eUnifrac.vector
gUnifrac.vector
0.0
0.2
0.4
0.6
0.8

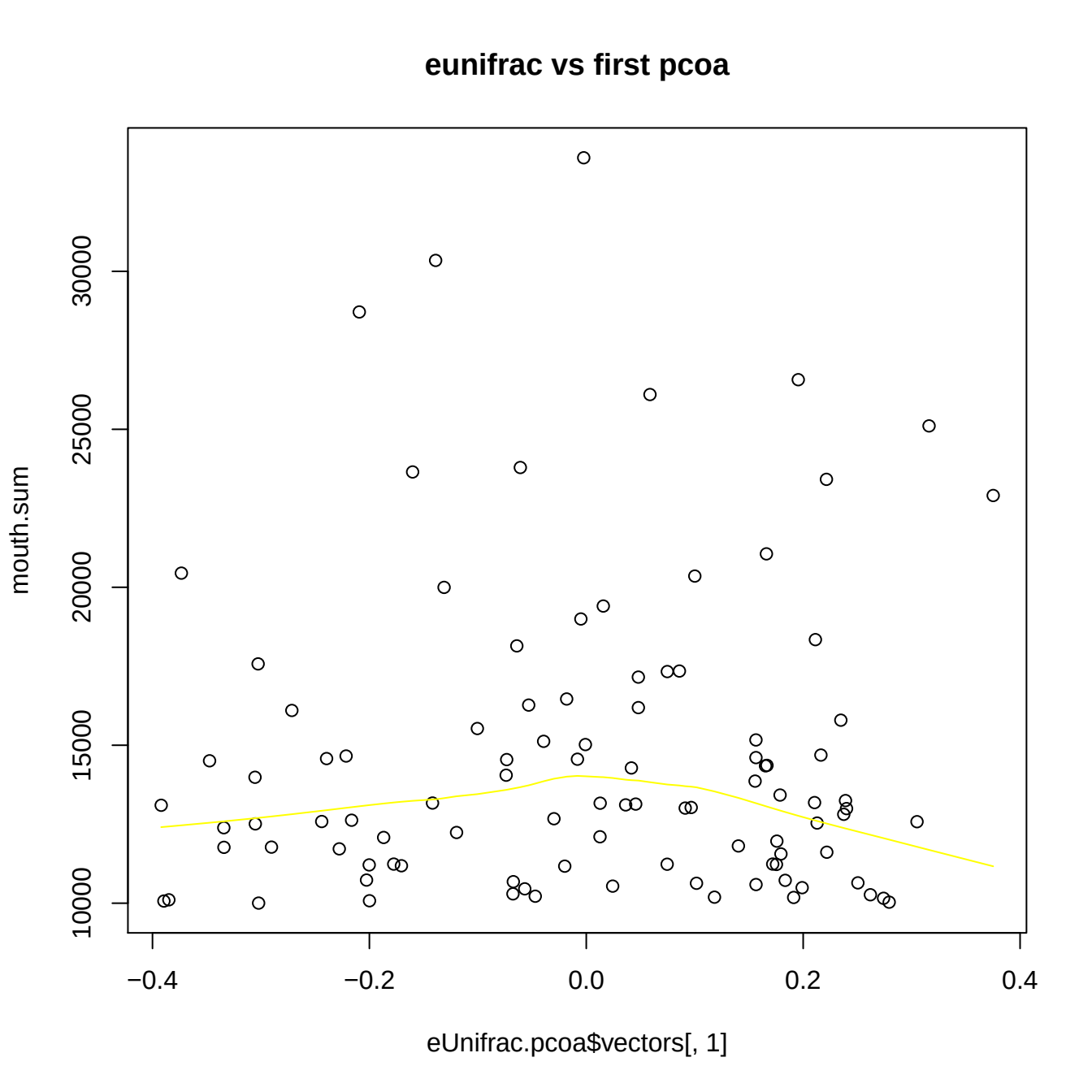

CLR transform weighted UniFrac
pricipal coordinates analysis
Second Component 0.143 variance explained
First Component 0.431 variance explained
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
−0.4
−0.2
0.0
0.2

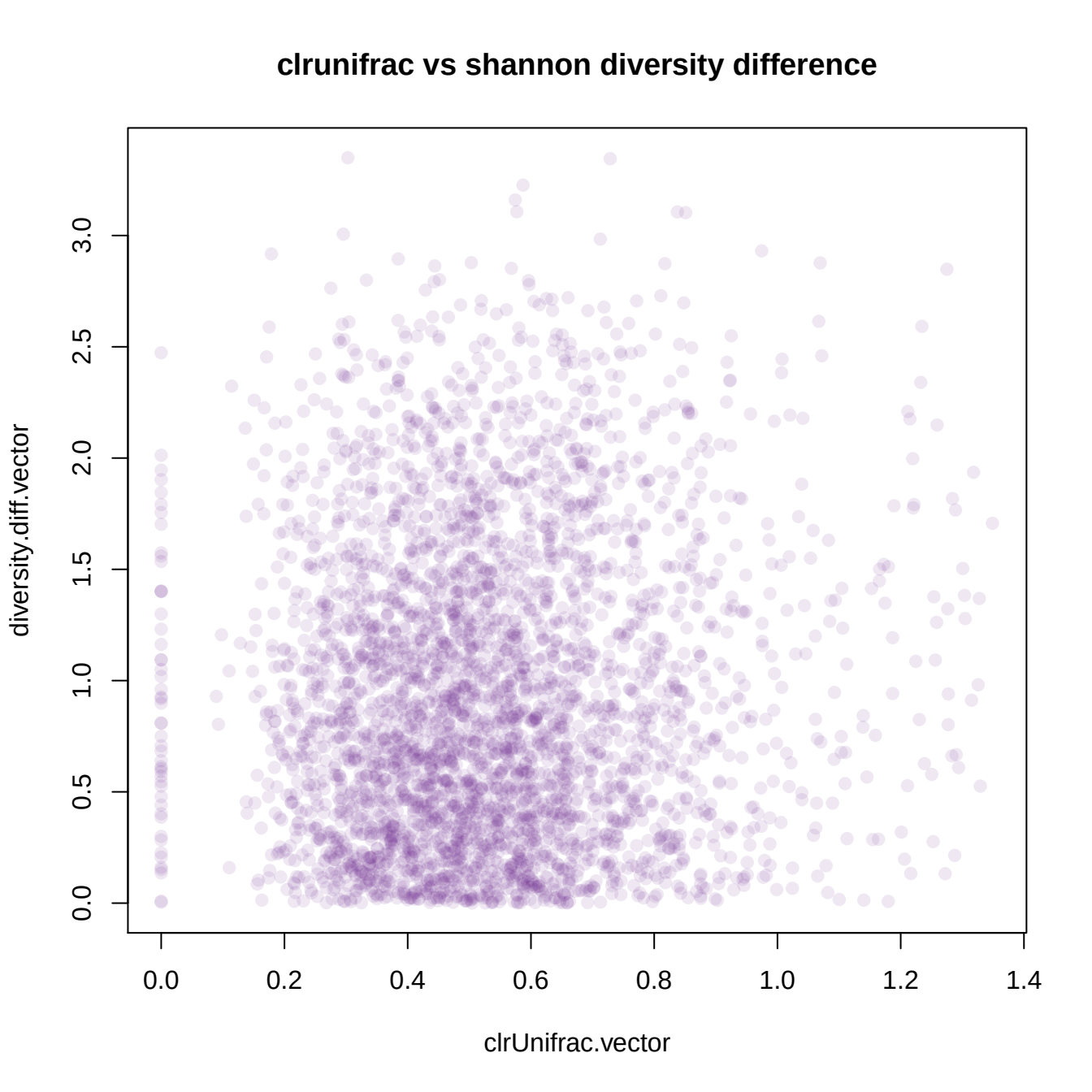

Proportional abundance weighted UniFrac
pricipal coordinates analysis
Second Component 0.157 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.4
−0.2
0.0
0.2
First Component 0.461 variance explained

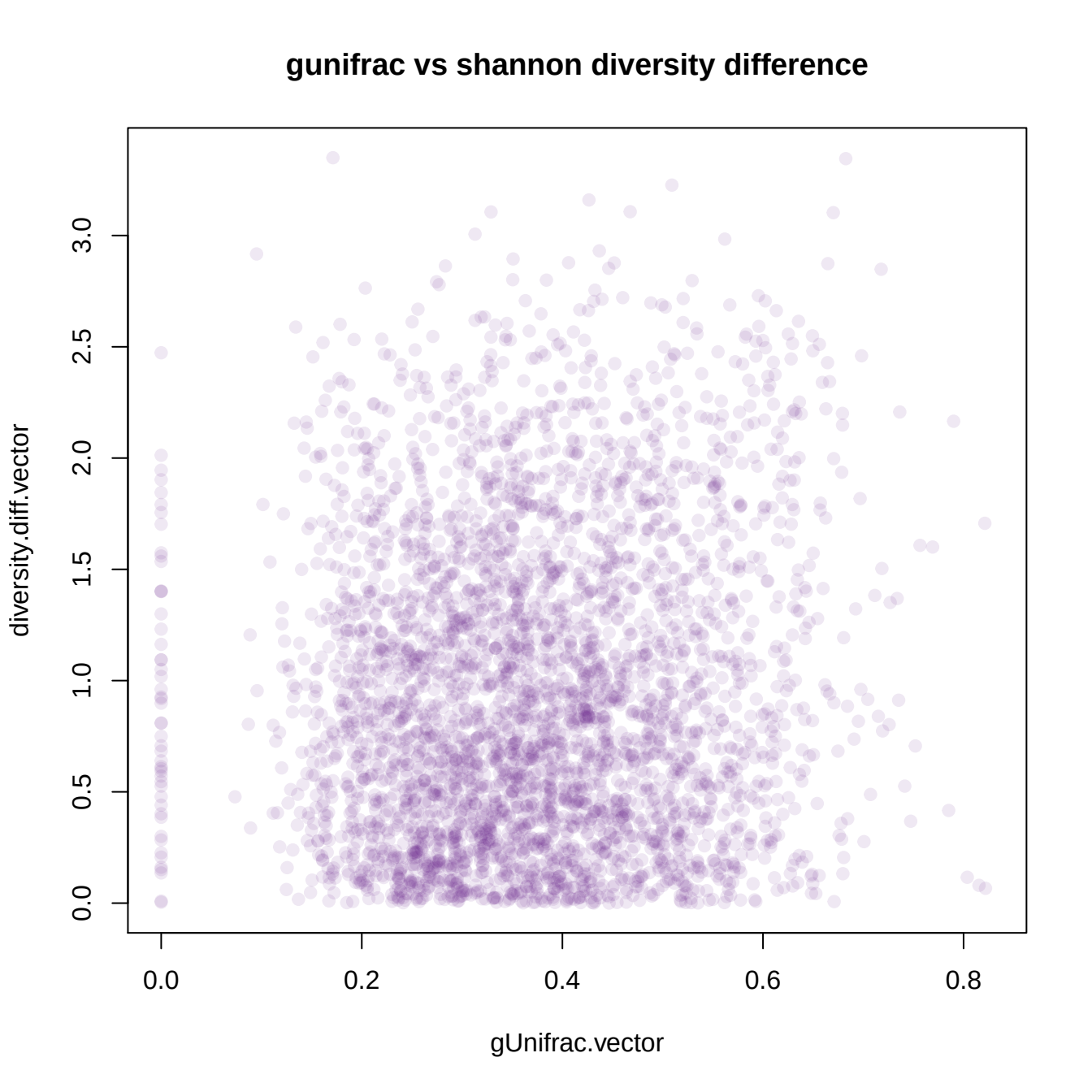

Entropy weighted UniFrac
pricipal coordinates analysis
Second Component 0.102 variance explained
First Component 0.408 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.4
−0.2
0.0
0.2
0.4
att
bu
ha
sa
to

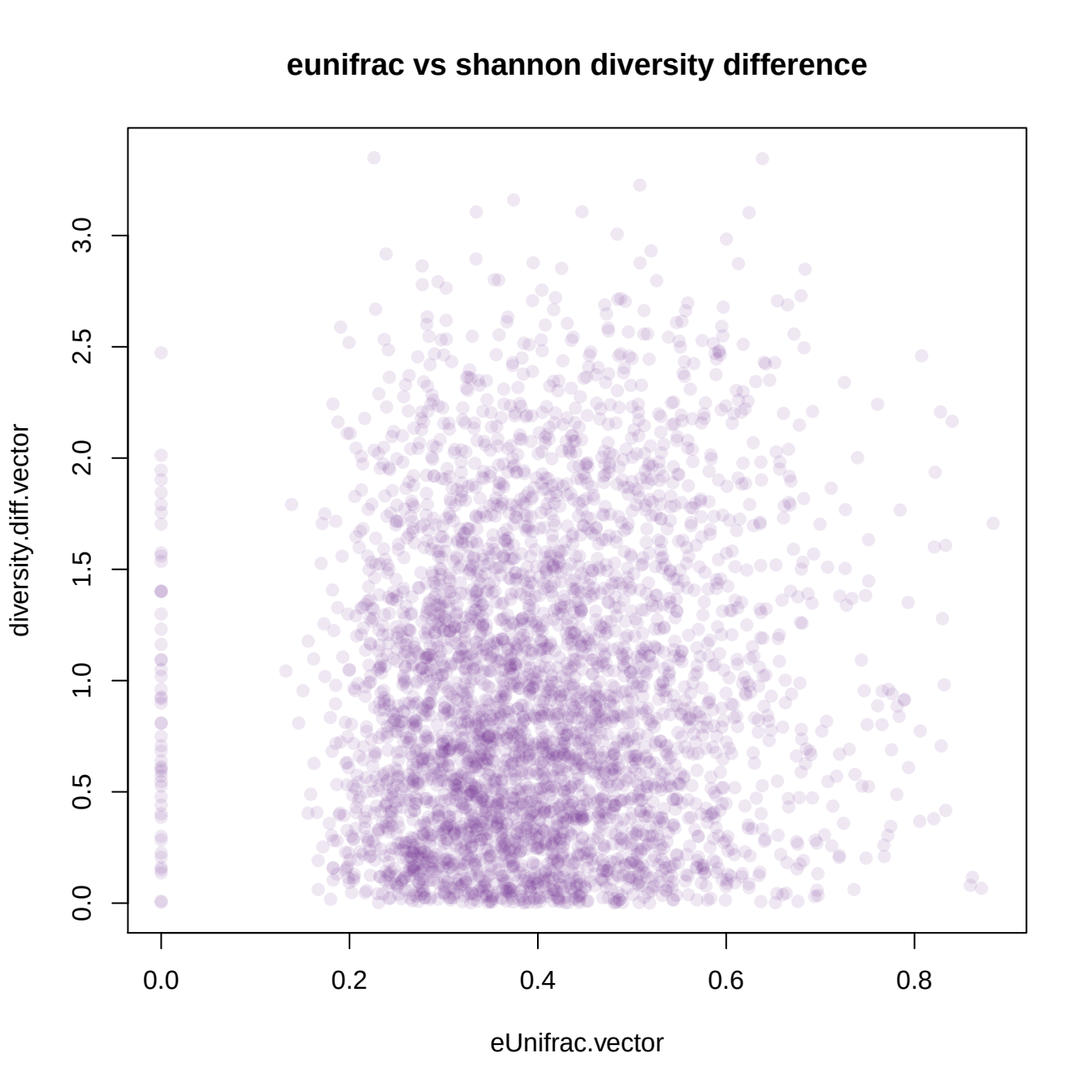

clr combination weights vs first pcoa
mouth.sum
10000
15000
20000
25000
30000
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
clrUnifrac.pcoa$vectors[, 1]

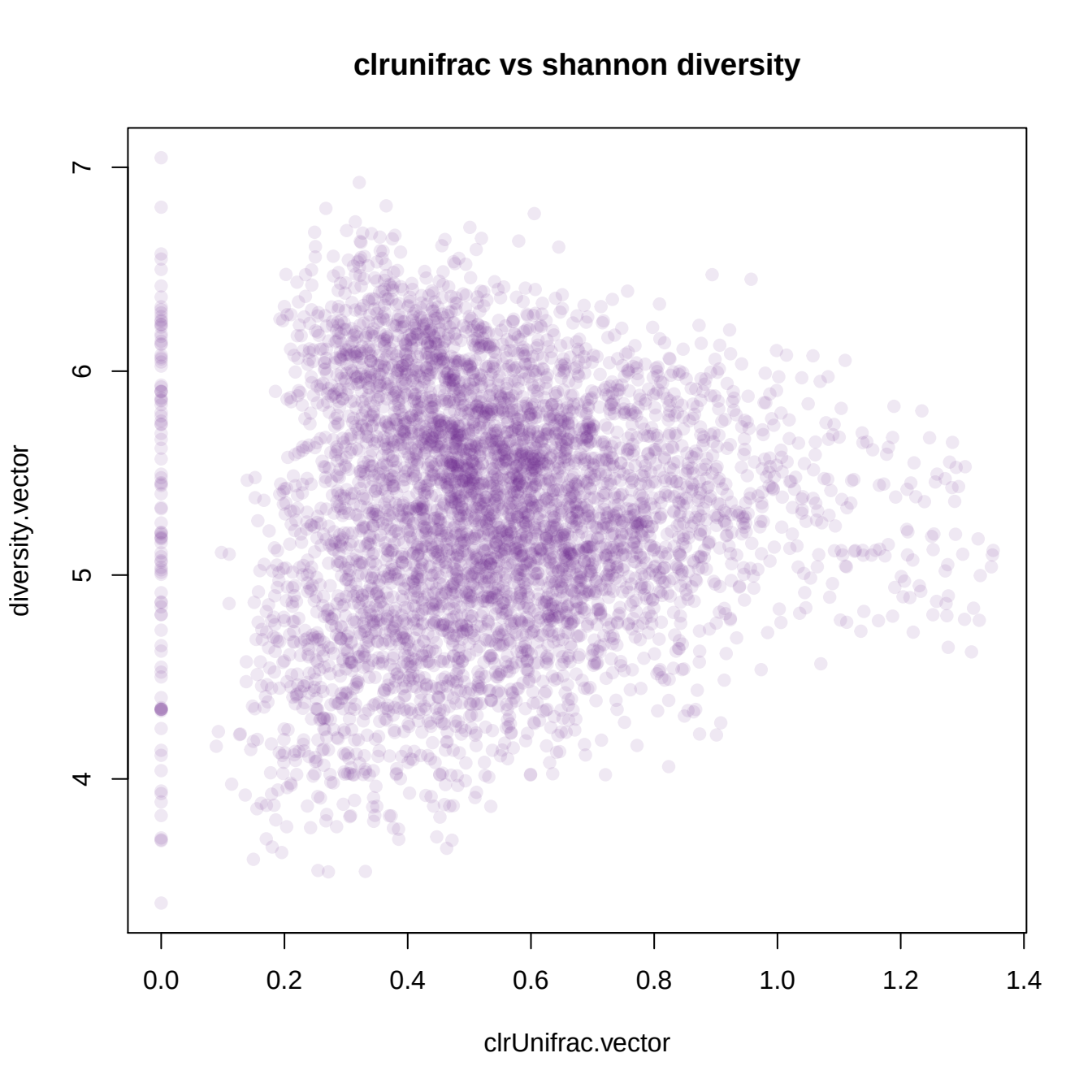

gunifrac vs first pcoa
mouth.sum
10000
15000
20000
25000
30000
−0.4
−0.2
0.0
0.2
gUnifrac.pcoa$vectors[, 1]

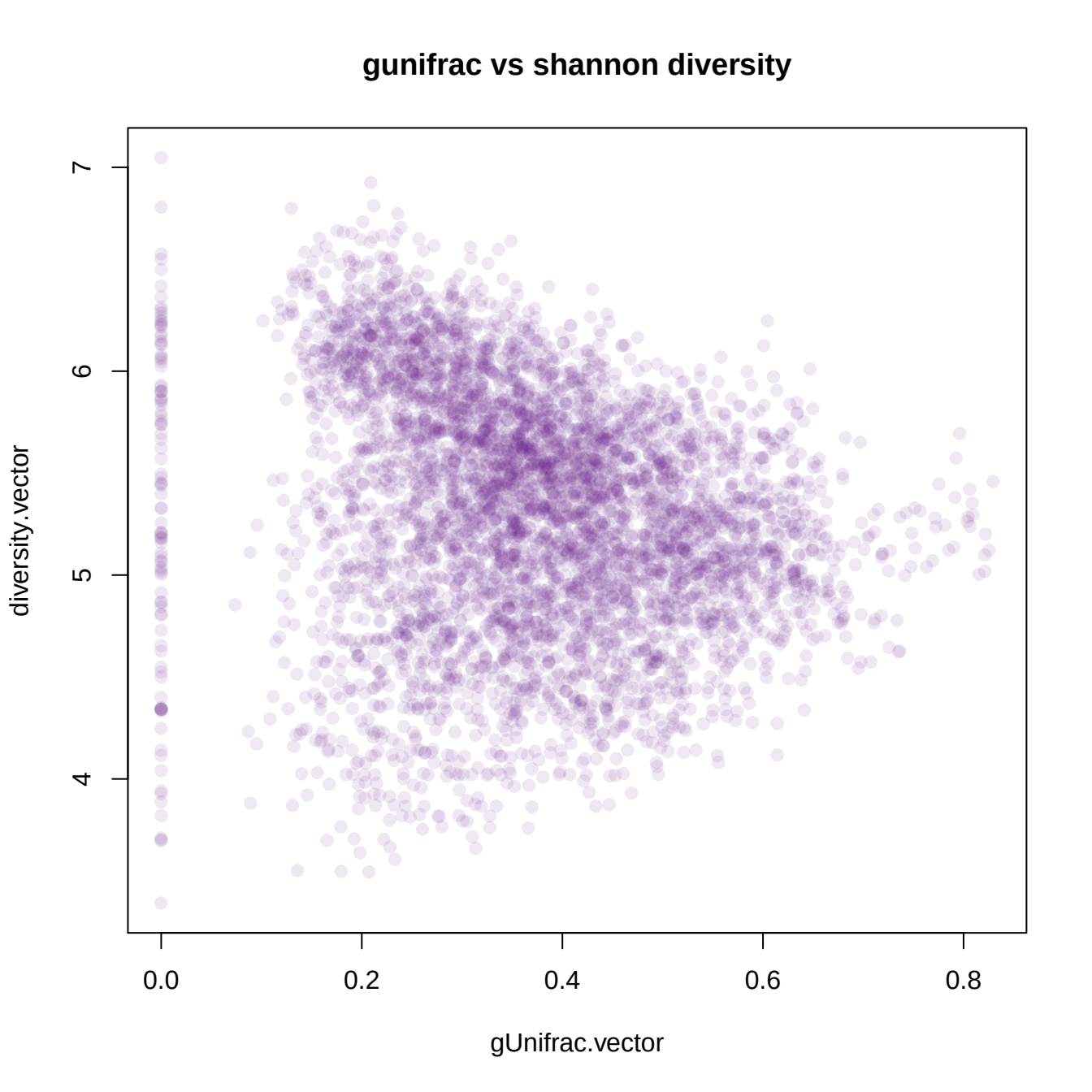

eunifrac vs first pcoa
mouth.sum
10000
15000
20000
25000
30000
−0.4
−0.2
0.0
0.2
0.4
eUnifrac.pcoa$vectors[, 1]

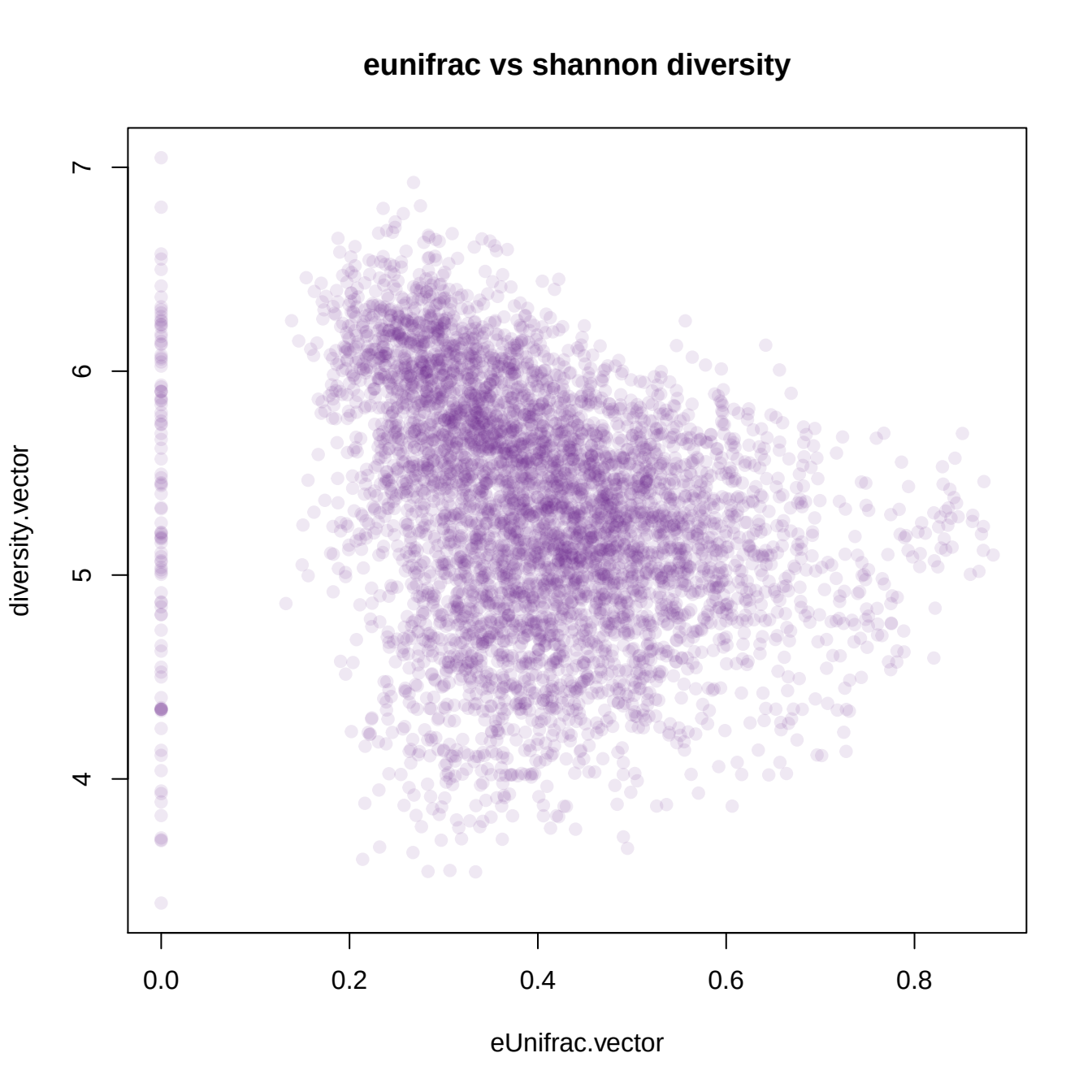

clrunifrac vs shannon diversity difference
diversity.diff.vector
clrUnifrac.vector
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4


gunifrac vs shannon diversity difference
diversity.diff.vector
gUnifrac.vector
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0.0
0.2
0.4
0.6
0.8


eunifrac vs shannon diversity difference
diversity.diff.vector
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0.0
0.2
0.4
0.6
0.8
eUnifrac.vector


clrunifrac vs shannon diversity
diversity.vector
clrUnifrac.vector
4
5
6
7
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4


gunifrac vs shannon diversity
diversity.vector
gUnifrac.vector
4
5
6
7
0.0
0.2
0.4
0.6
0.8


eunifrac vs shannon diversity
diversity.vector
eUnifrac.vector
4
5
6
7
0.0
0.2
0.4
0.6
0.8