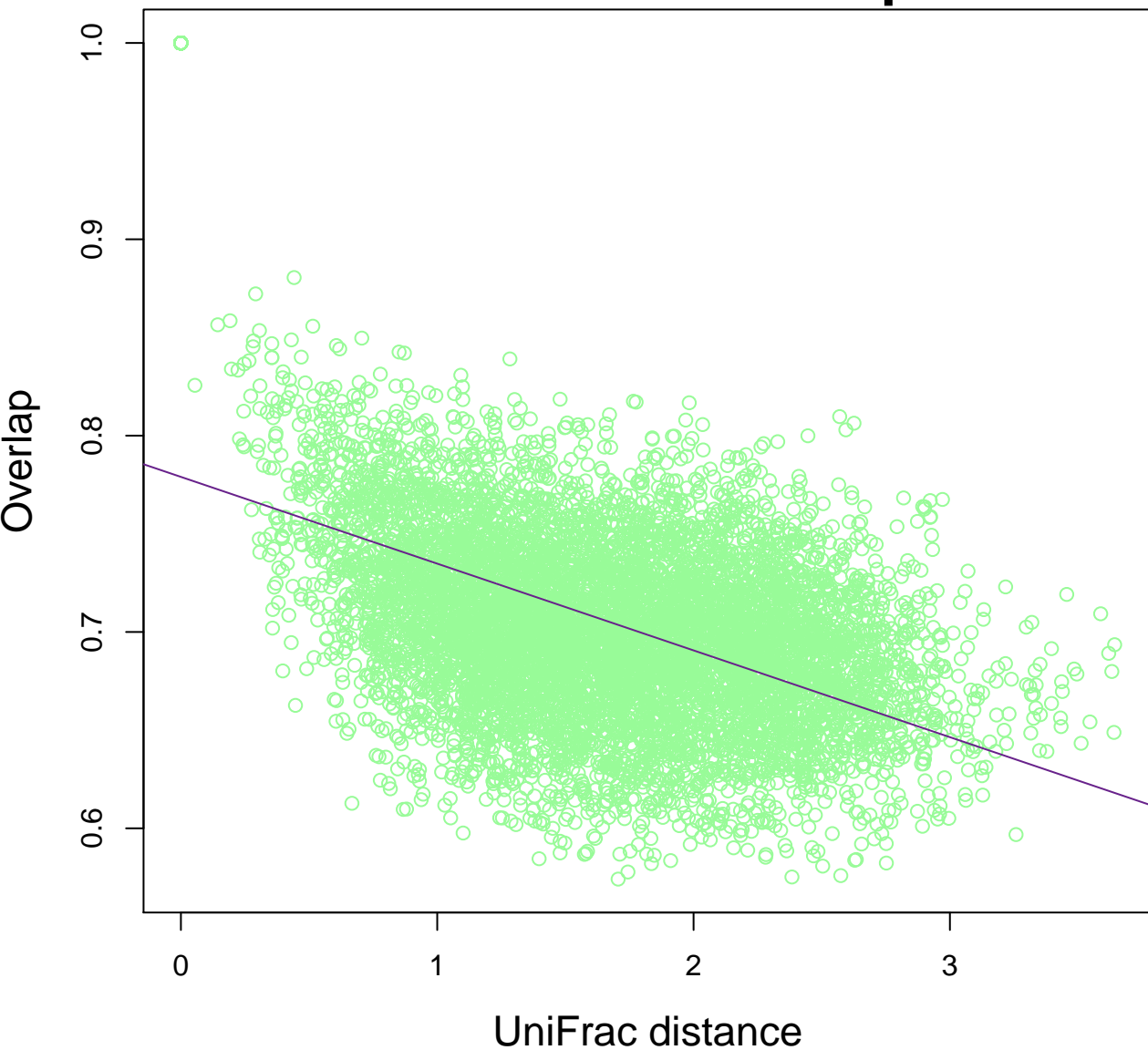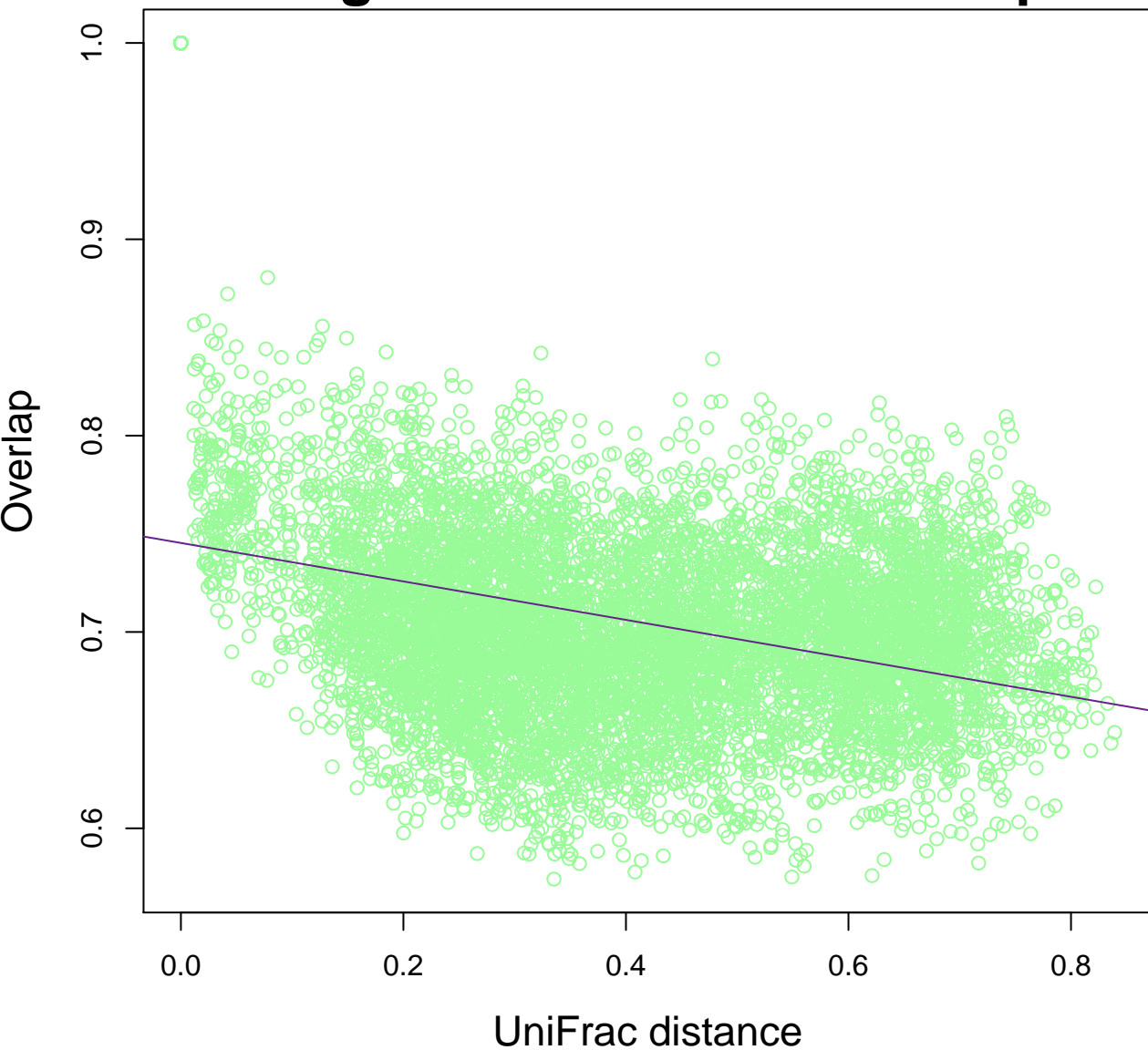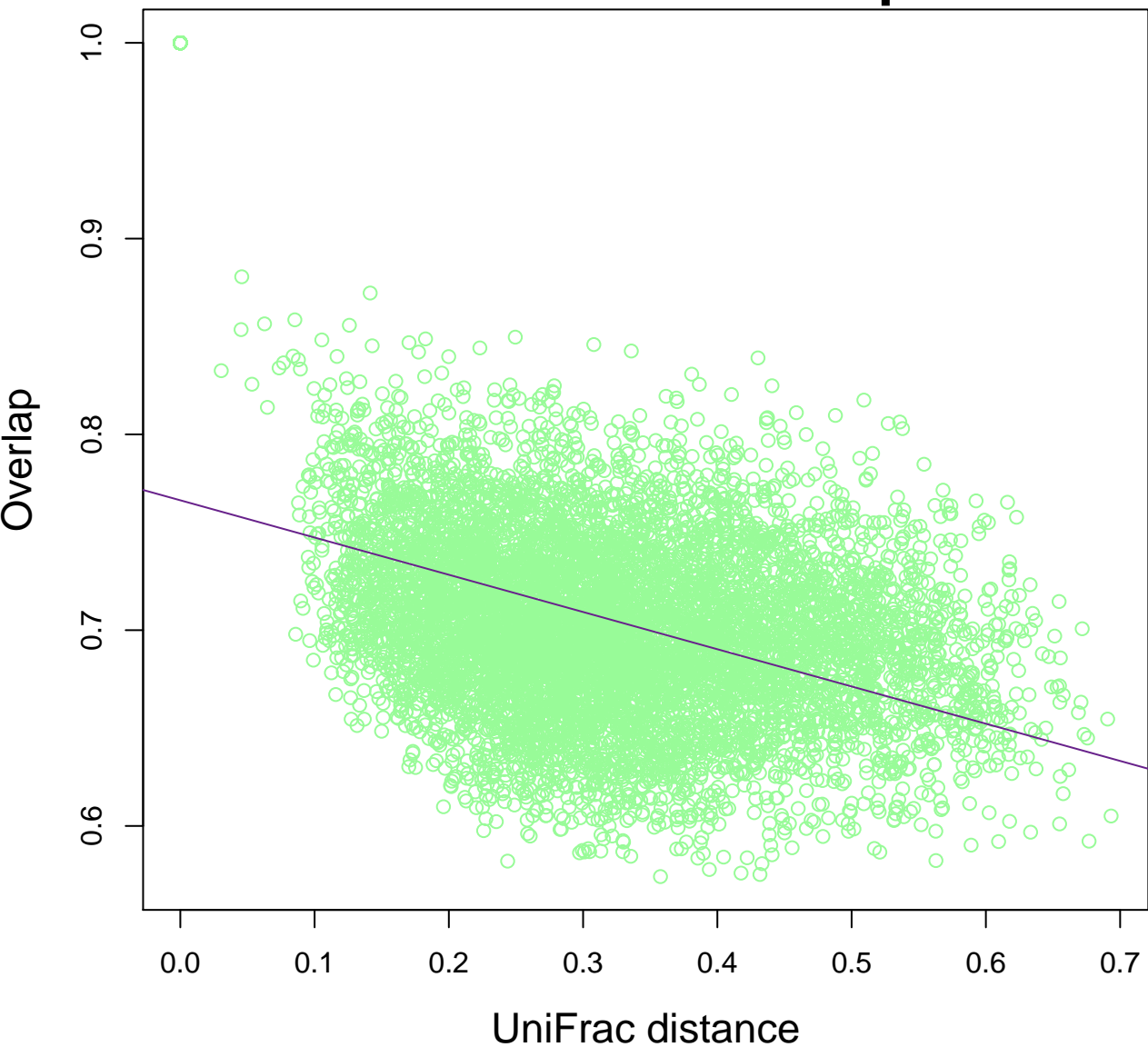**CLR transform weighted UniFrac vs. overlap**
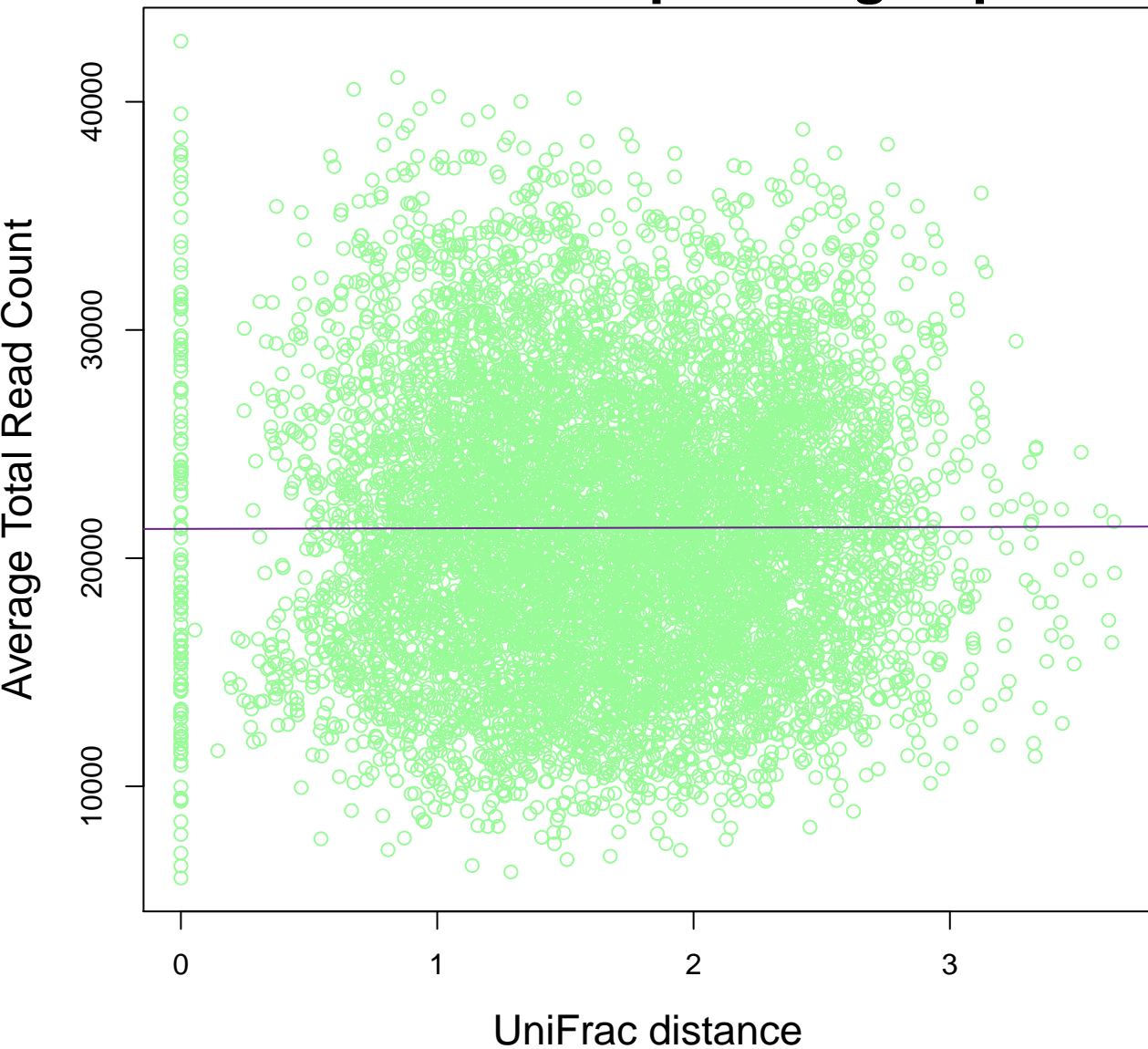
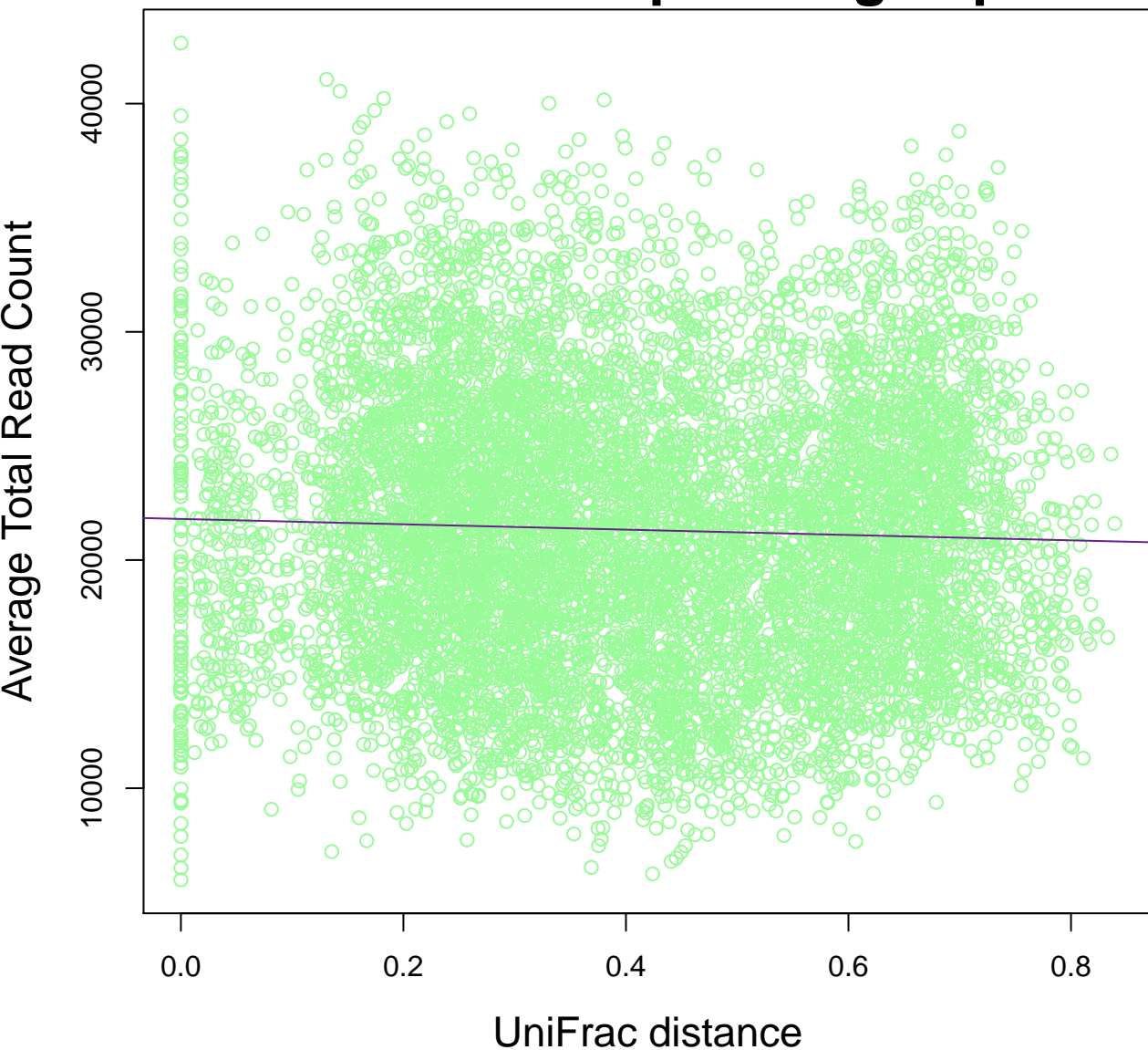**Proportional abundance weighted UniFrac vs. overlap**

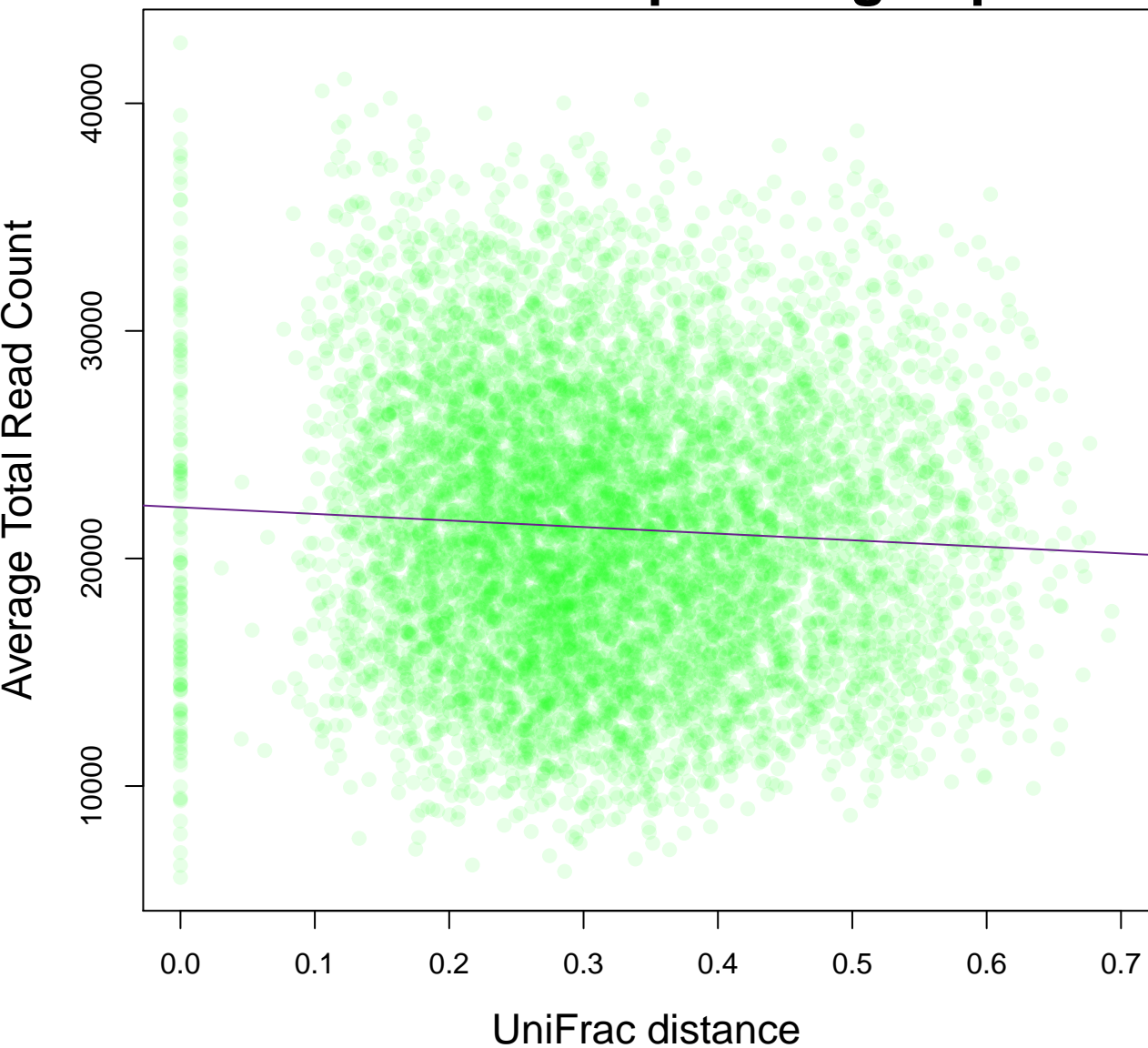**Entropy weighted UniFrac vs. overlap**

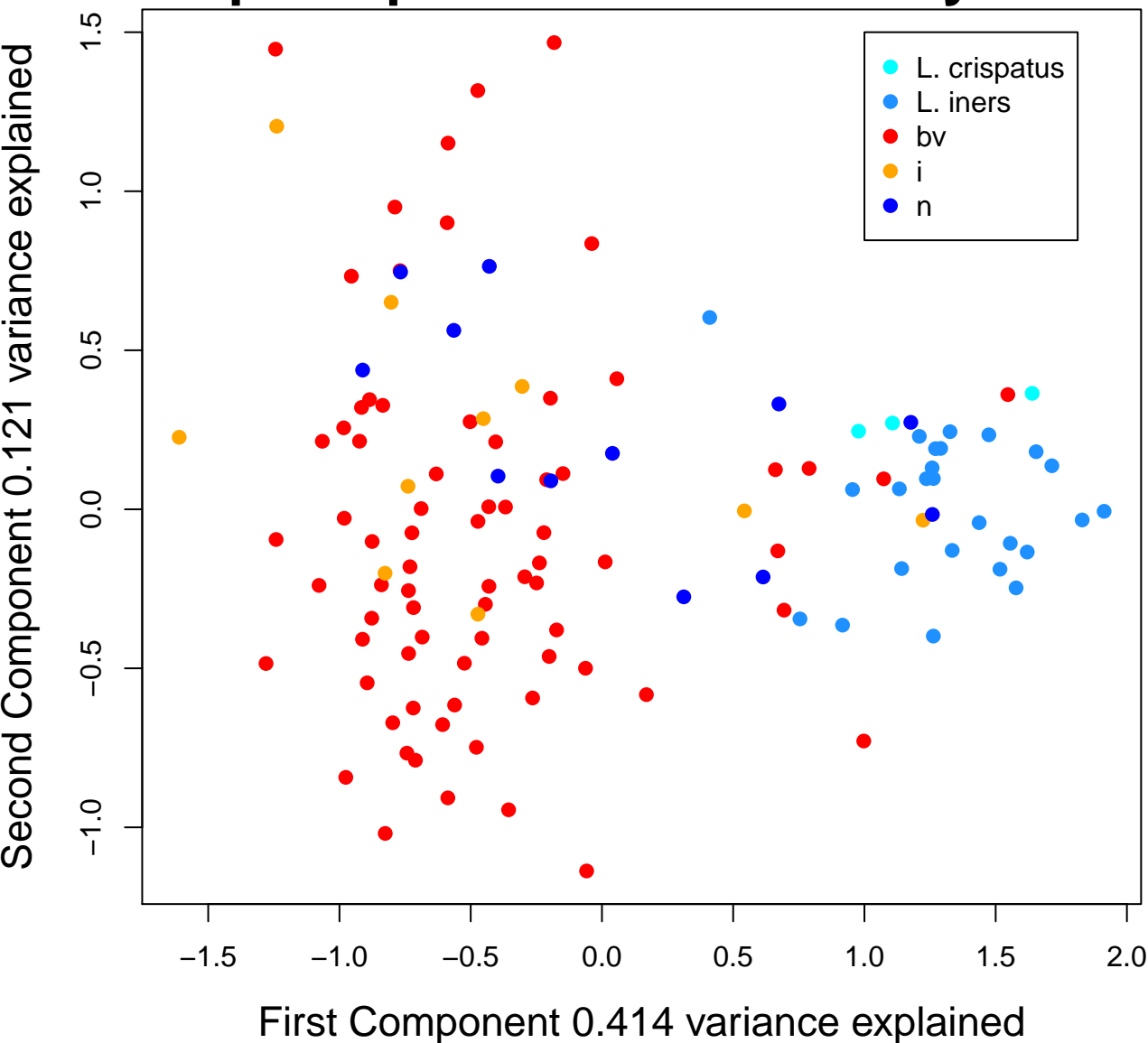**CLR transform weighted UniFrac vs. sequencing depth**

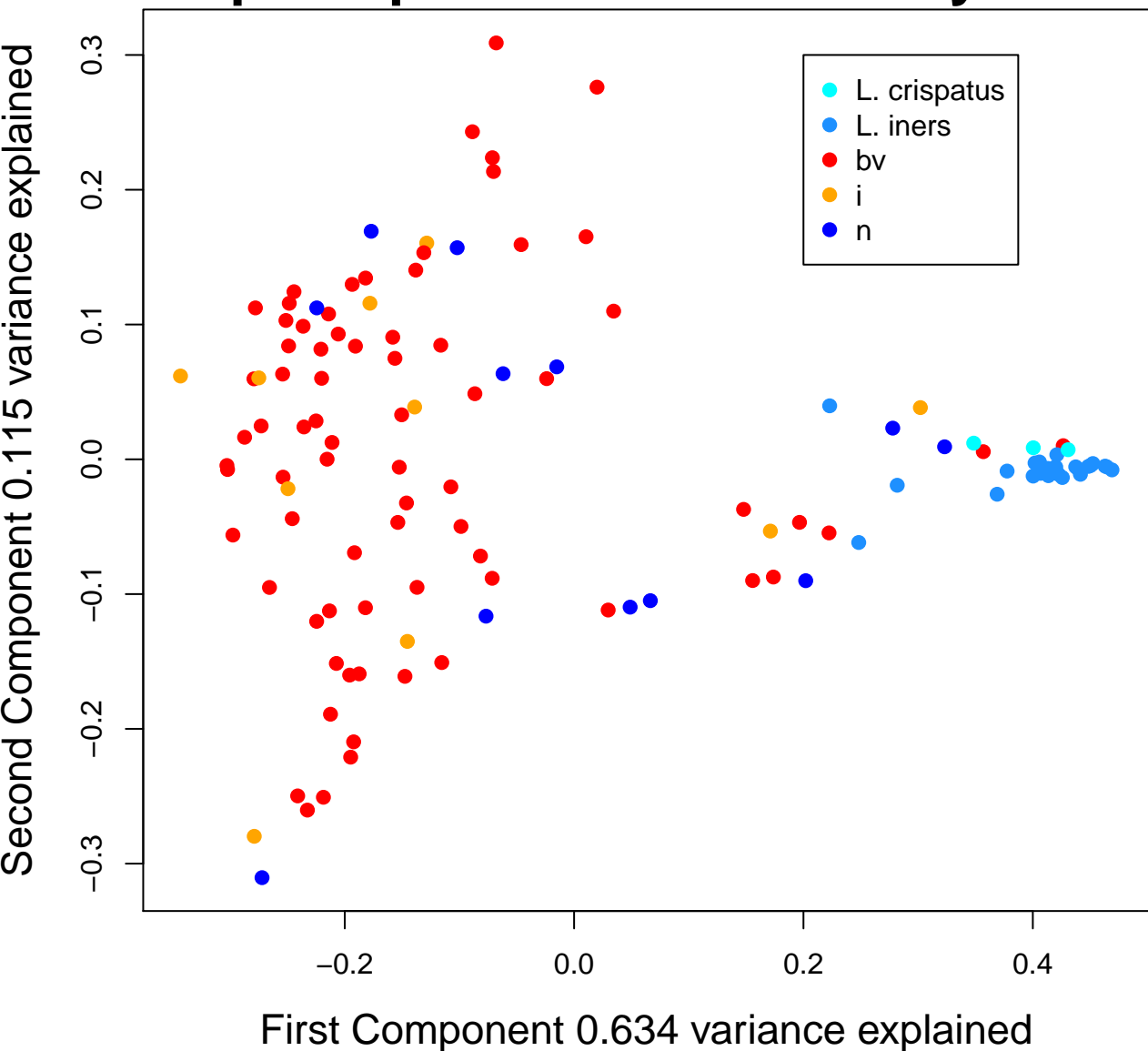**Proportional abundance weighted UniFrac vs. sequencing depth**

**Entropy weighted
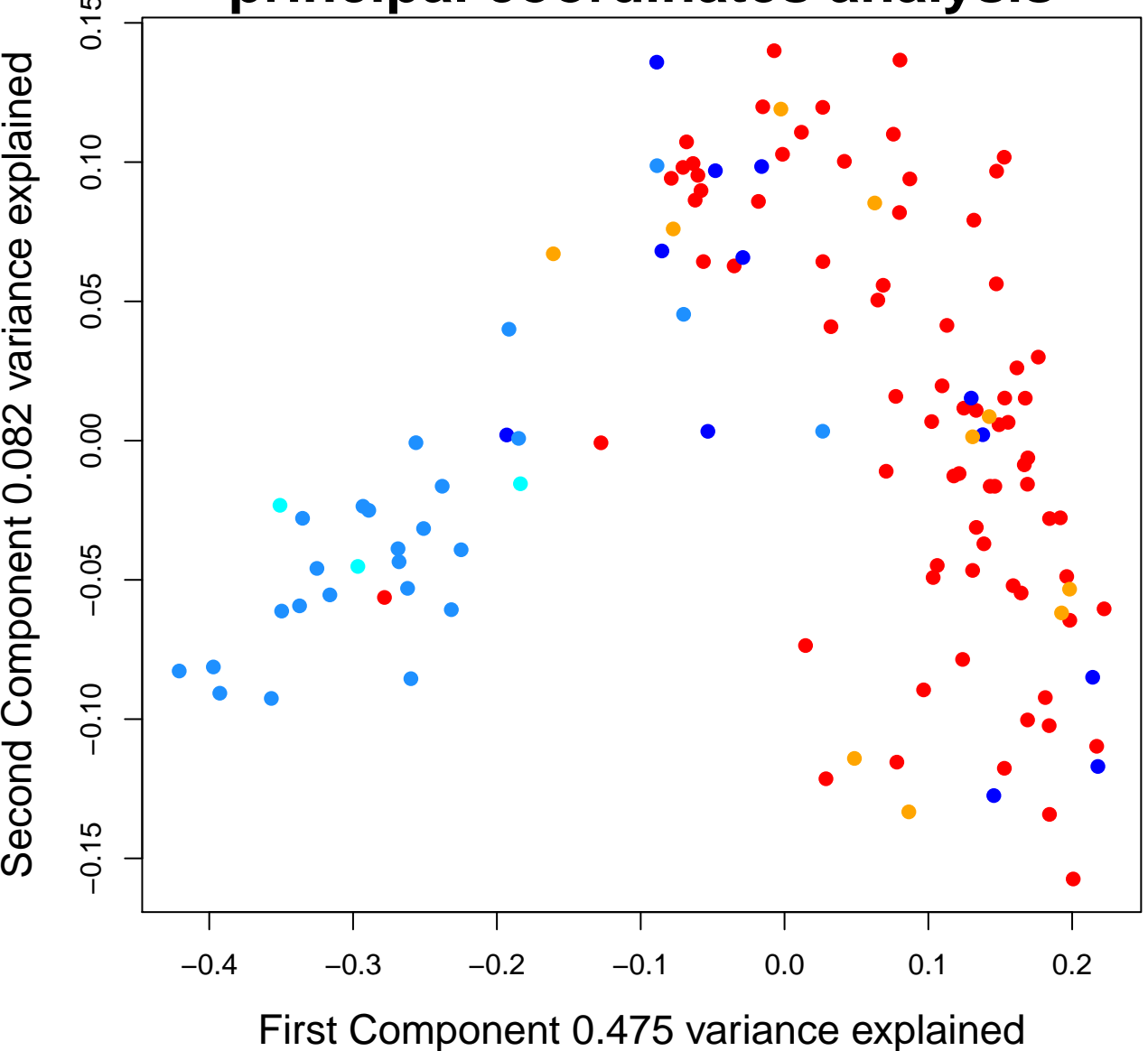UniFrac vs. sequencing depth**

CLR transformed weighted UniFrac principal coordinates analysis

Legend:
- L. crispatus
- L. iners
- bv
- i
- n

X-axis: First Component 0.414 variance explained
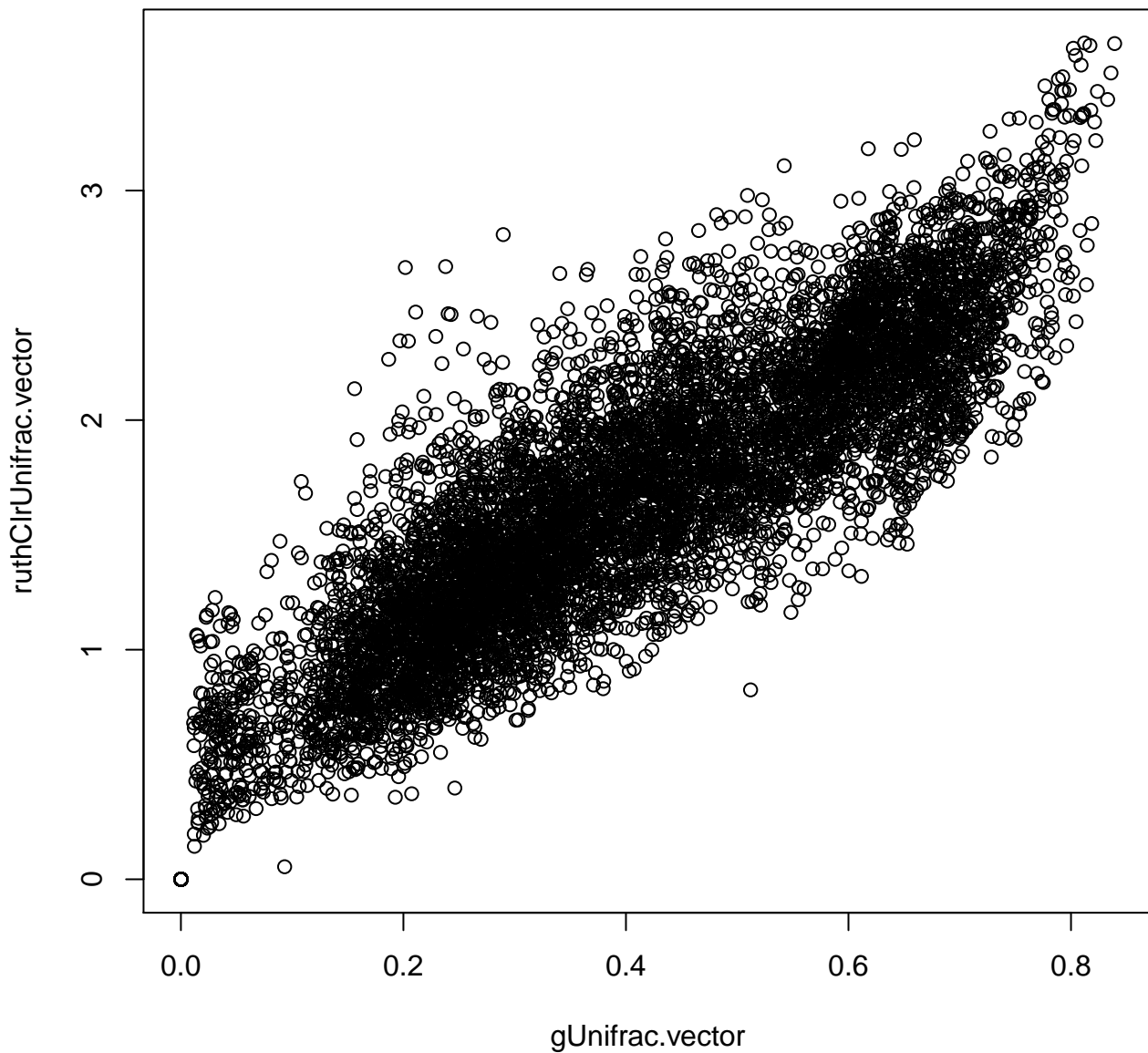
Y-axis: Second Component 0.121 variance explained

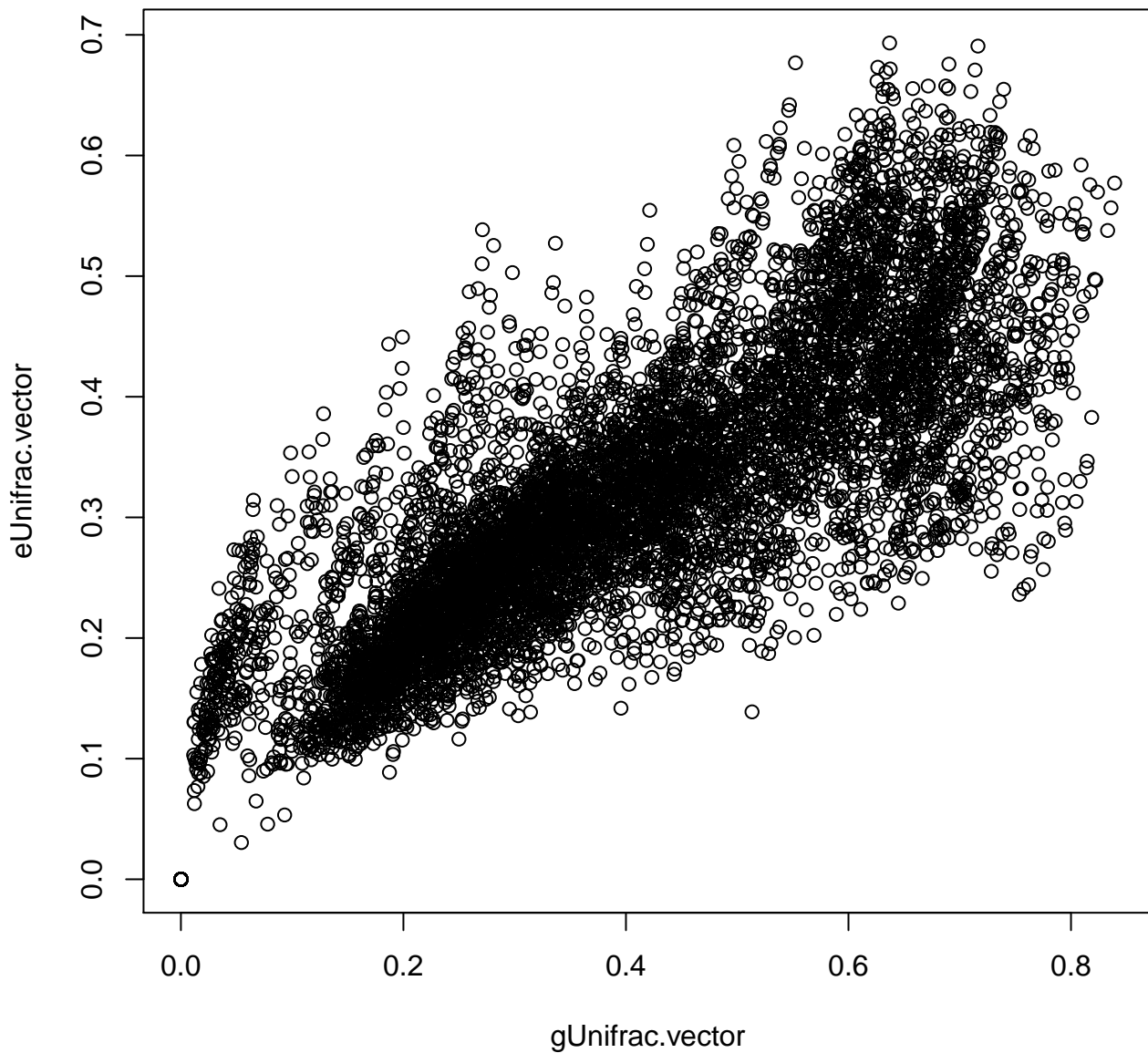**Proportional abundance weighted UniFrac principal coordinates analysis**
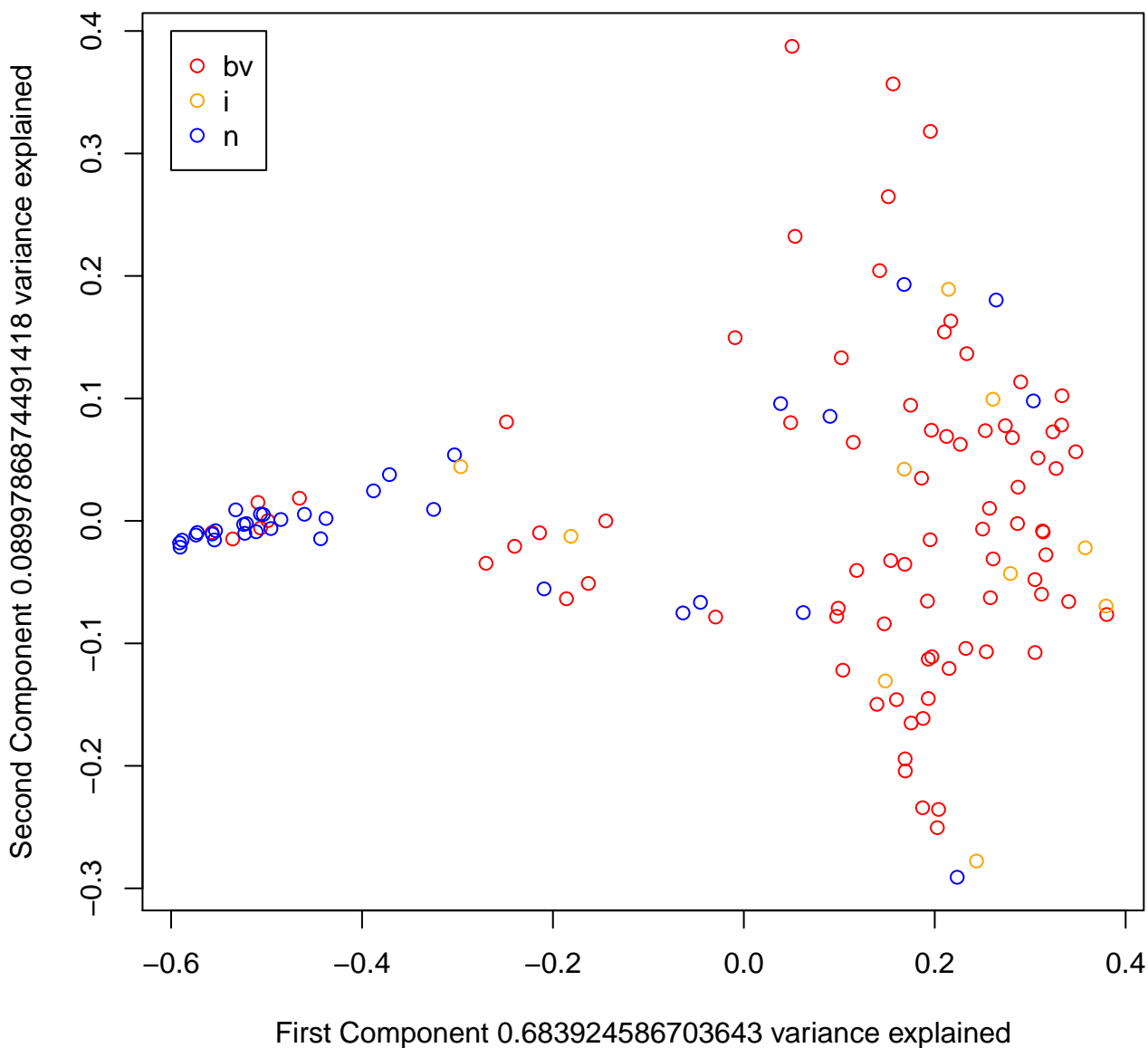
Entropy weighted UniFrac principal coordinates analysis
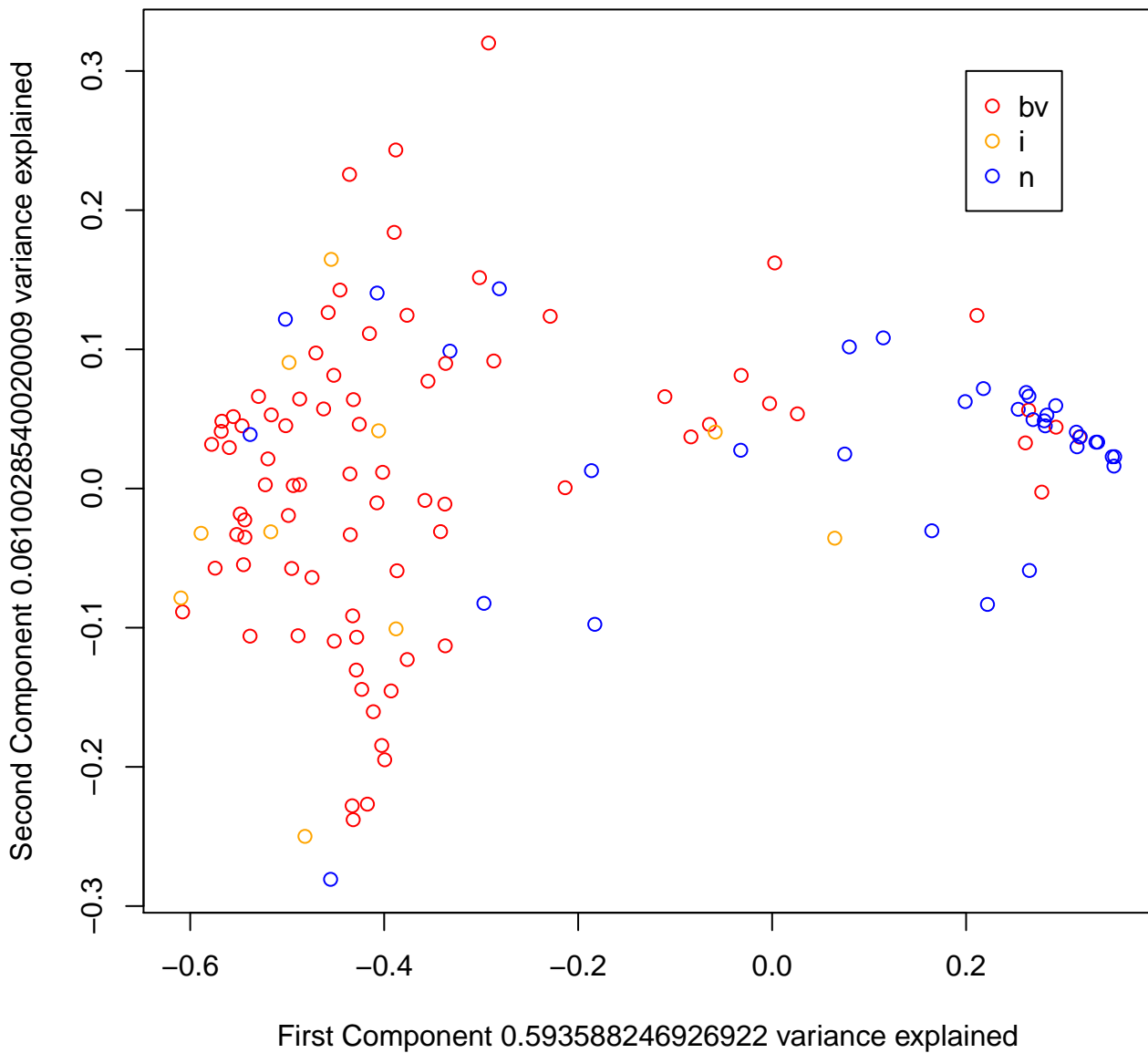
gunifrac vs clrunifrac

gunifrac vs eunifrac

pcoa from qiime unifrac distances

Legend:
- bv (red)
- i (orange)
- n (blue)

X-axis: First Component 0.683924586703643 variance explained

Y-axis: Second Component 0.089978687449418 variance explained

qiime pcoa

Proportional abundance weighted UniFrac vs. PCoA first component

Average total read count

UniFrac distance

CLR transform weighted UniFrac vs. PCoA first component