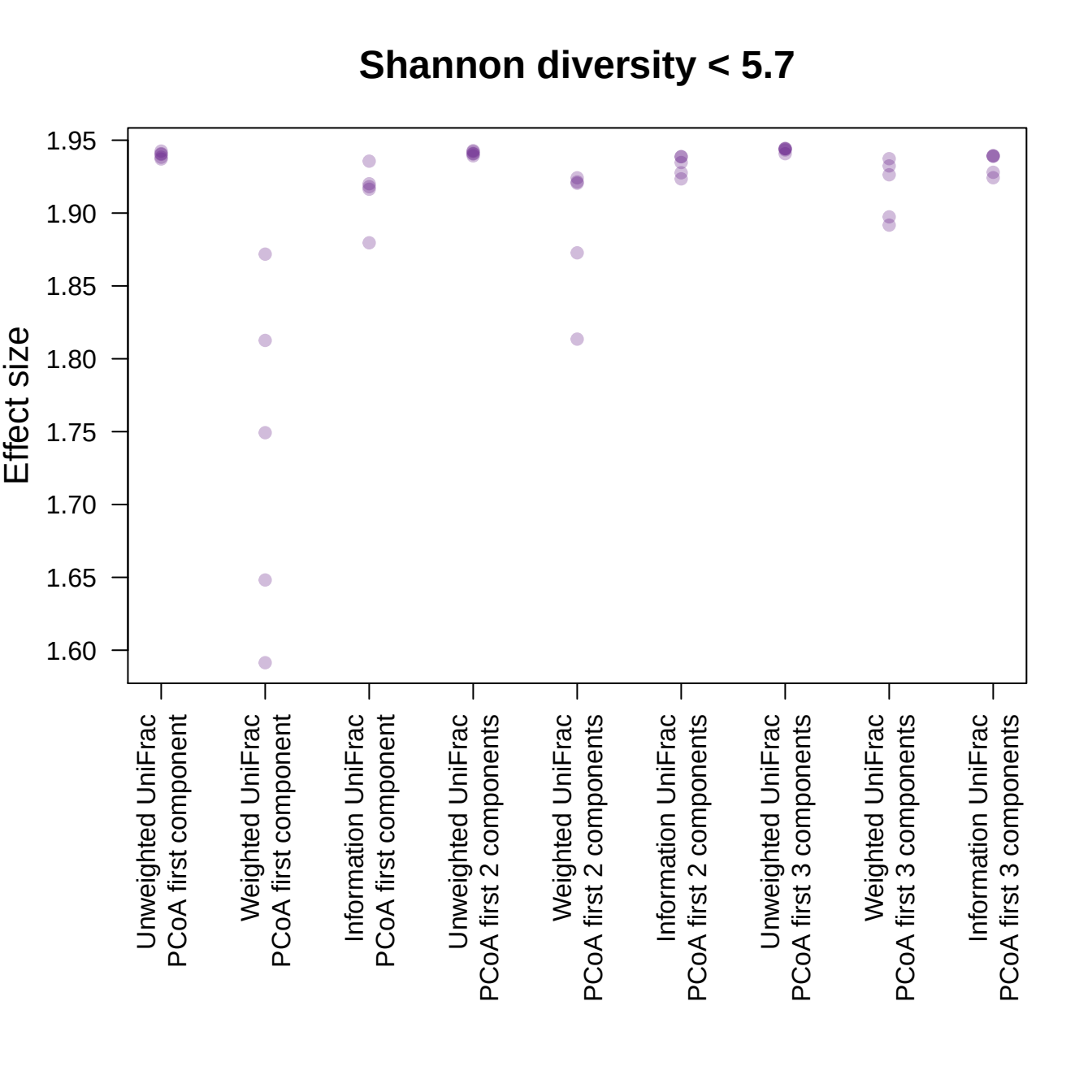
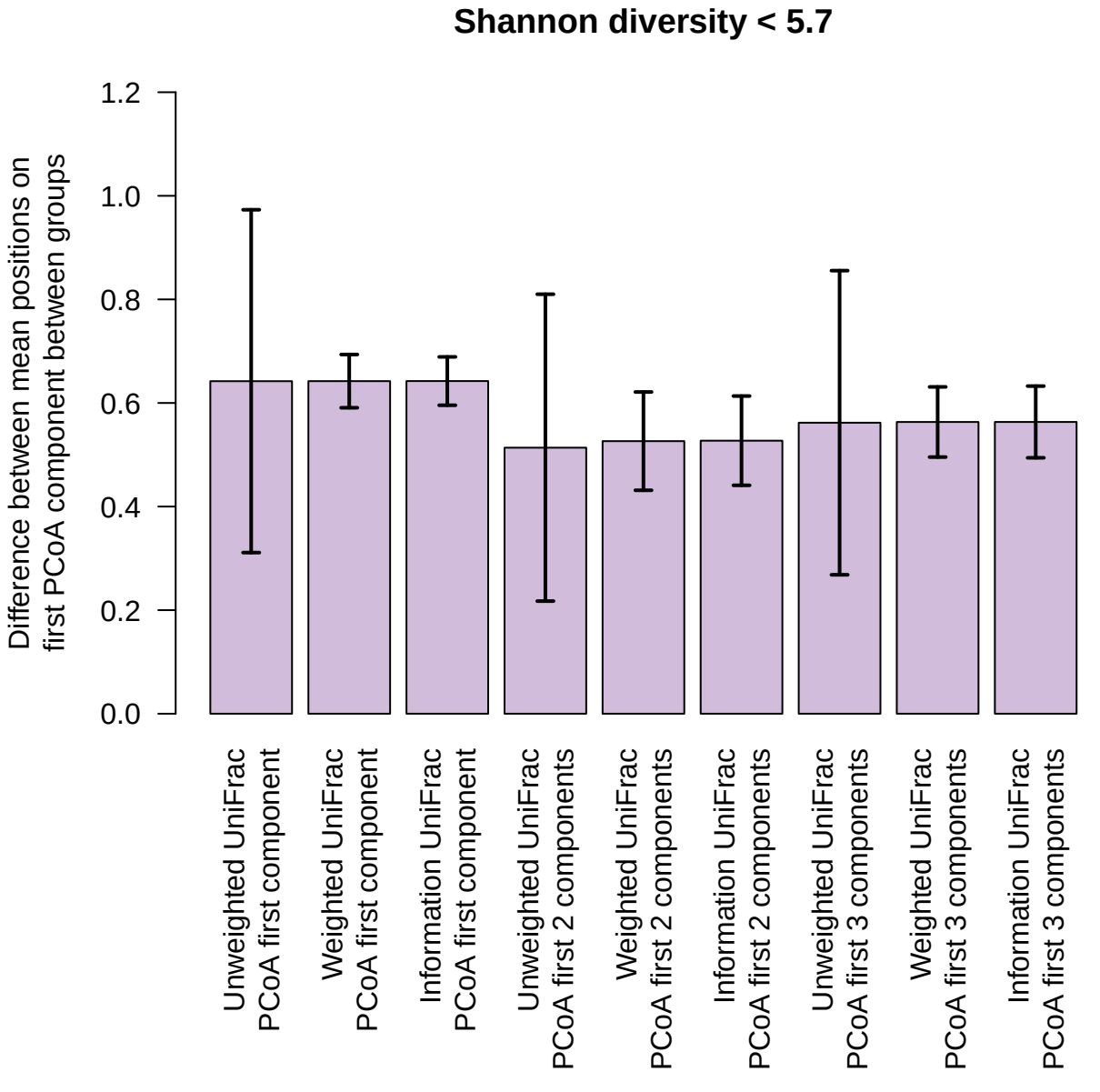
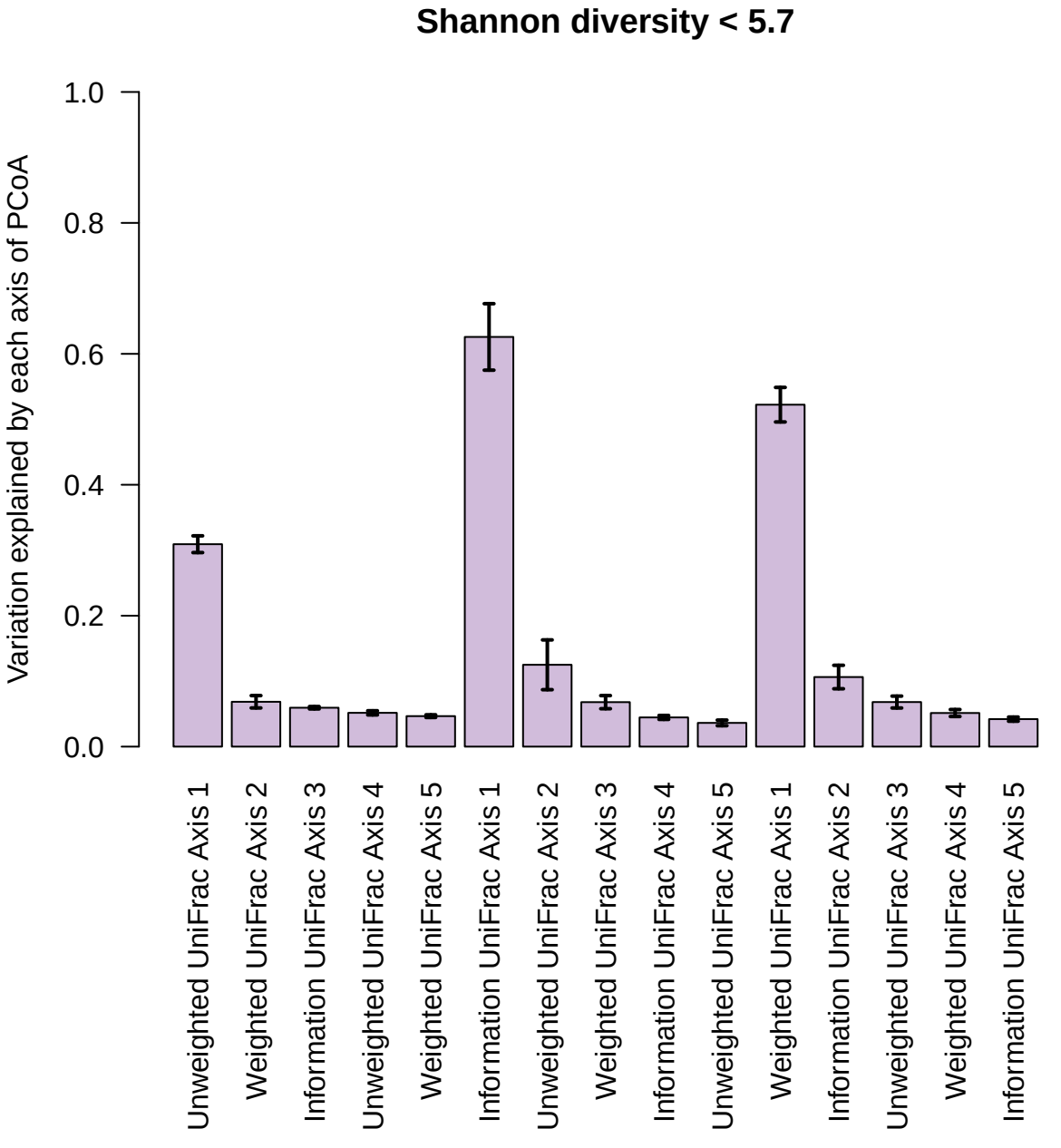
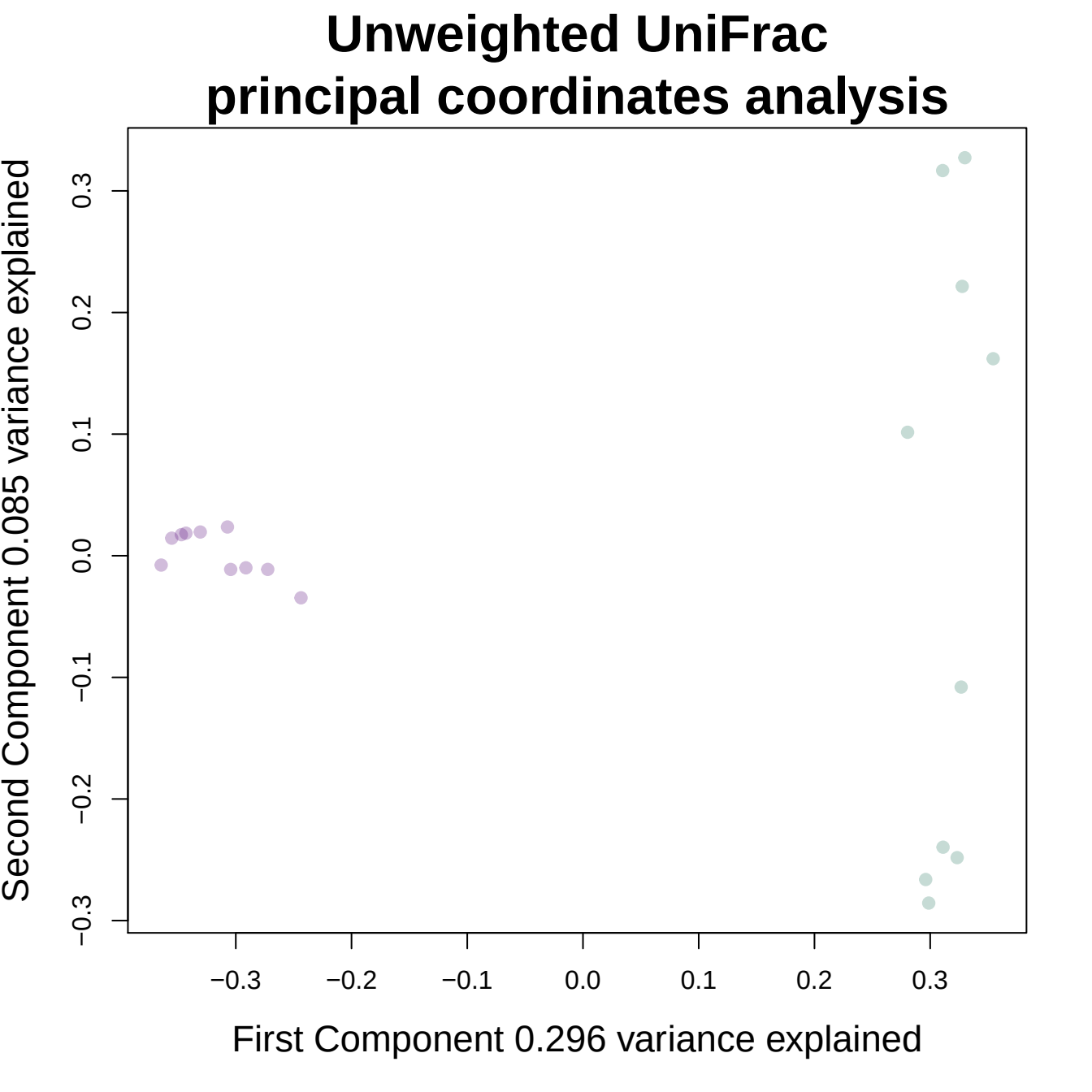
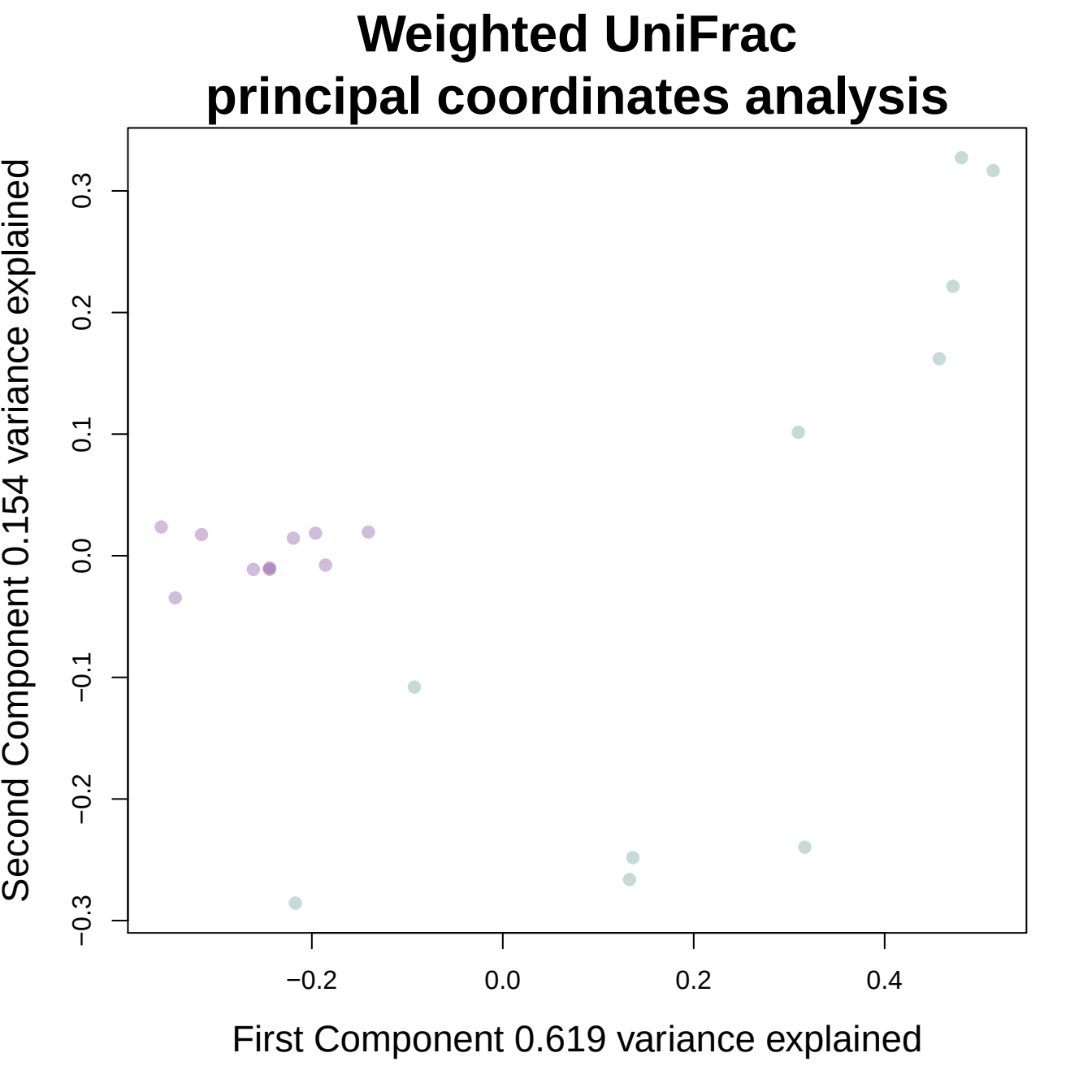
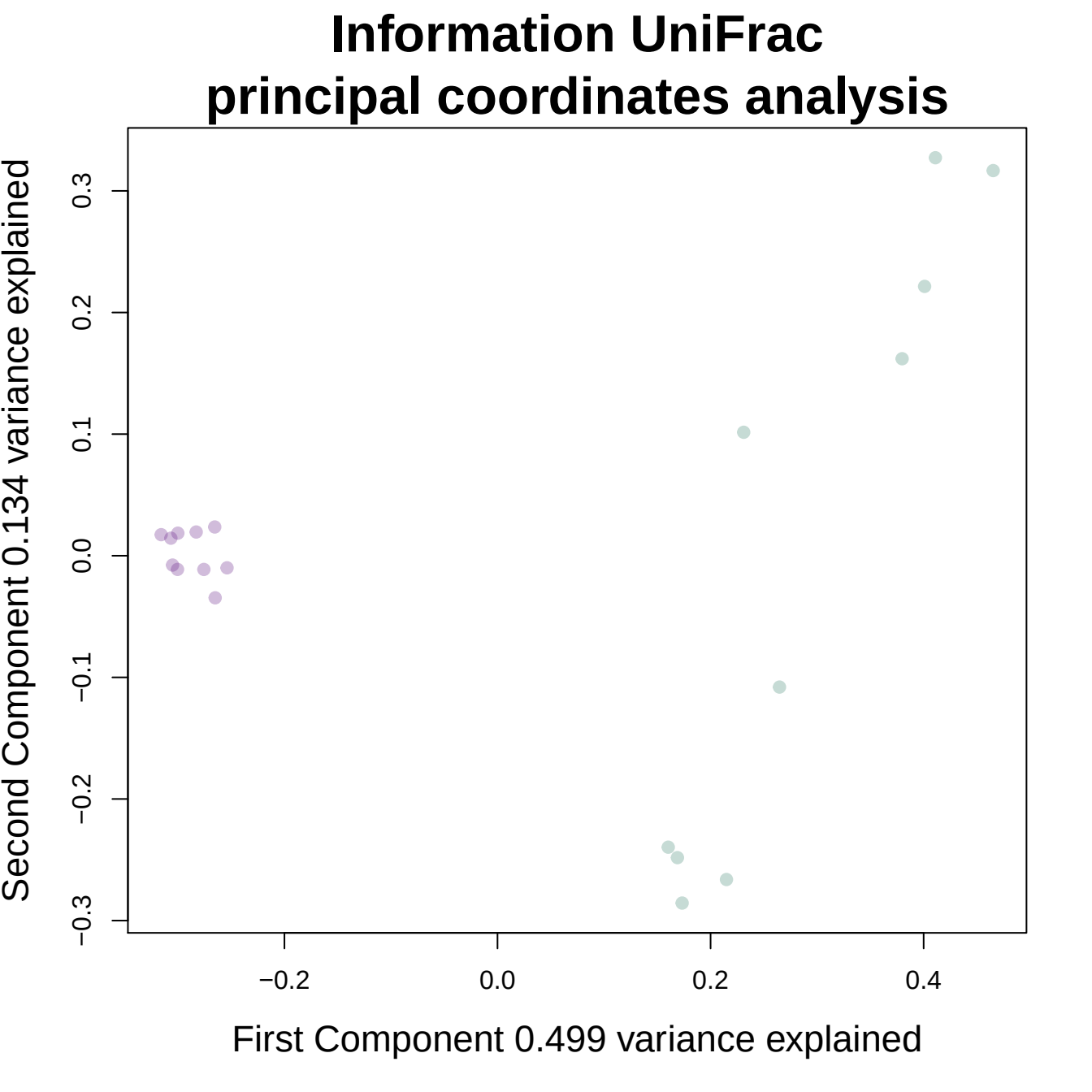

Shannon diversity < 5.7
Effect size
1.95
1.90
1.85
1.80
1.75
1.70
1.65
1.60
Unweighted UniFrac PCoA first component
Weighted UniFrac PCoA first component
Information UniFrac PCoA first component
Unweighted UniFrac PCoA first 2 components
Weighted UniFrac PCoA first 2 components
Information UniFrac PCoA first 2 components
Unweighted UniFrac PCoA first 3 components
Weighted UniFrac PCoA first 3 components
Information UniFrac PCoA first 3 components

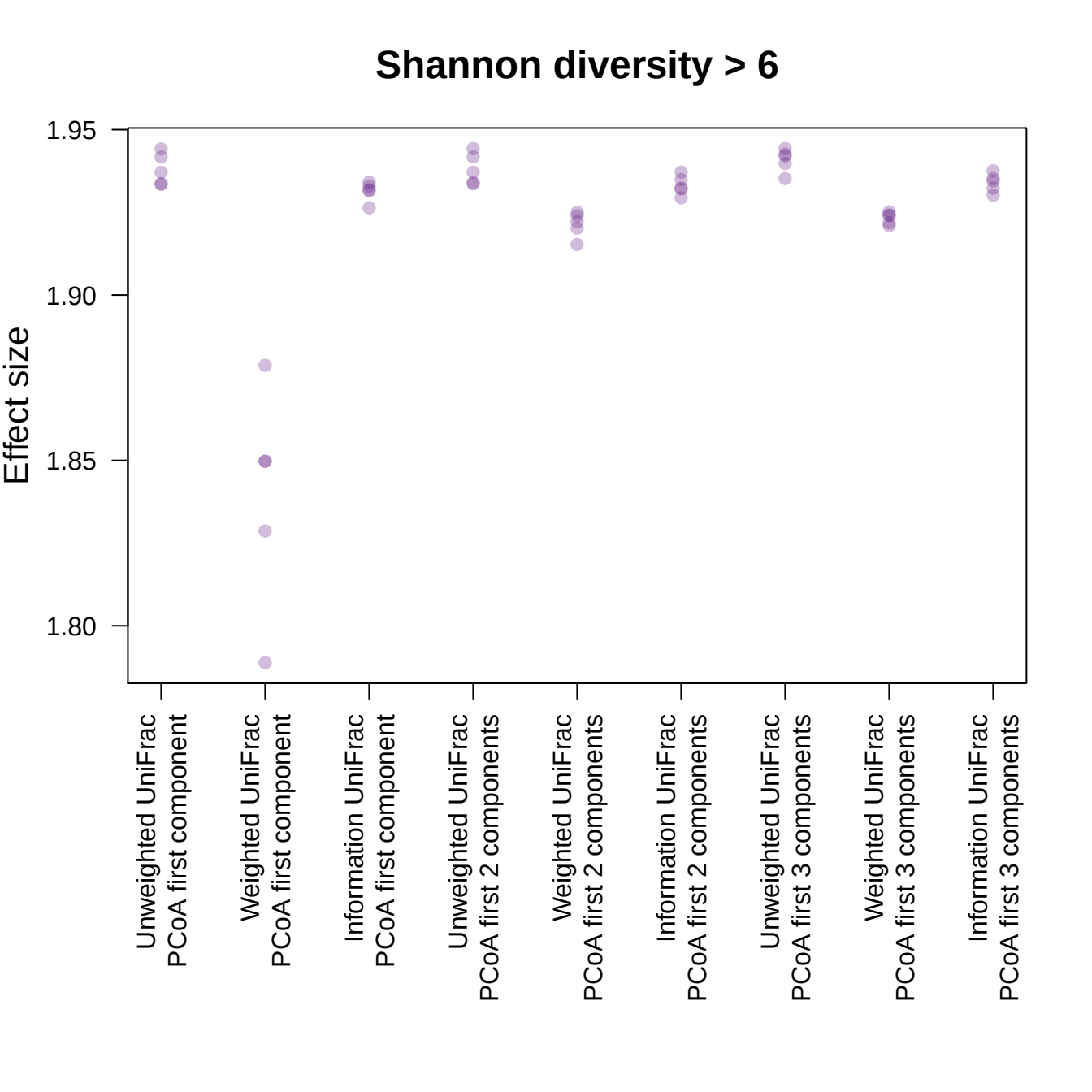

Shannon diversity < 5.7
Difference between mean positions on first PCoA component between groups
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Unweighted UniFrac PCoA first component
Weighted UniFrac PCoA first component
Information UniFrac PCoA first component
Unweighted UniFrac PCoA first 2 components
Weighted UniFrac PCoA first 2 components
Information UniFrac PCoA first 2 components
Unweighted UniFrac PCoA first 3 components
Weighted UniFrac PCoA first 3 components
Information UniFrac PCoA first 3 components

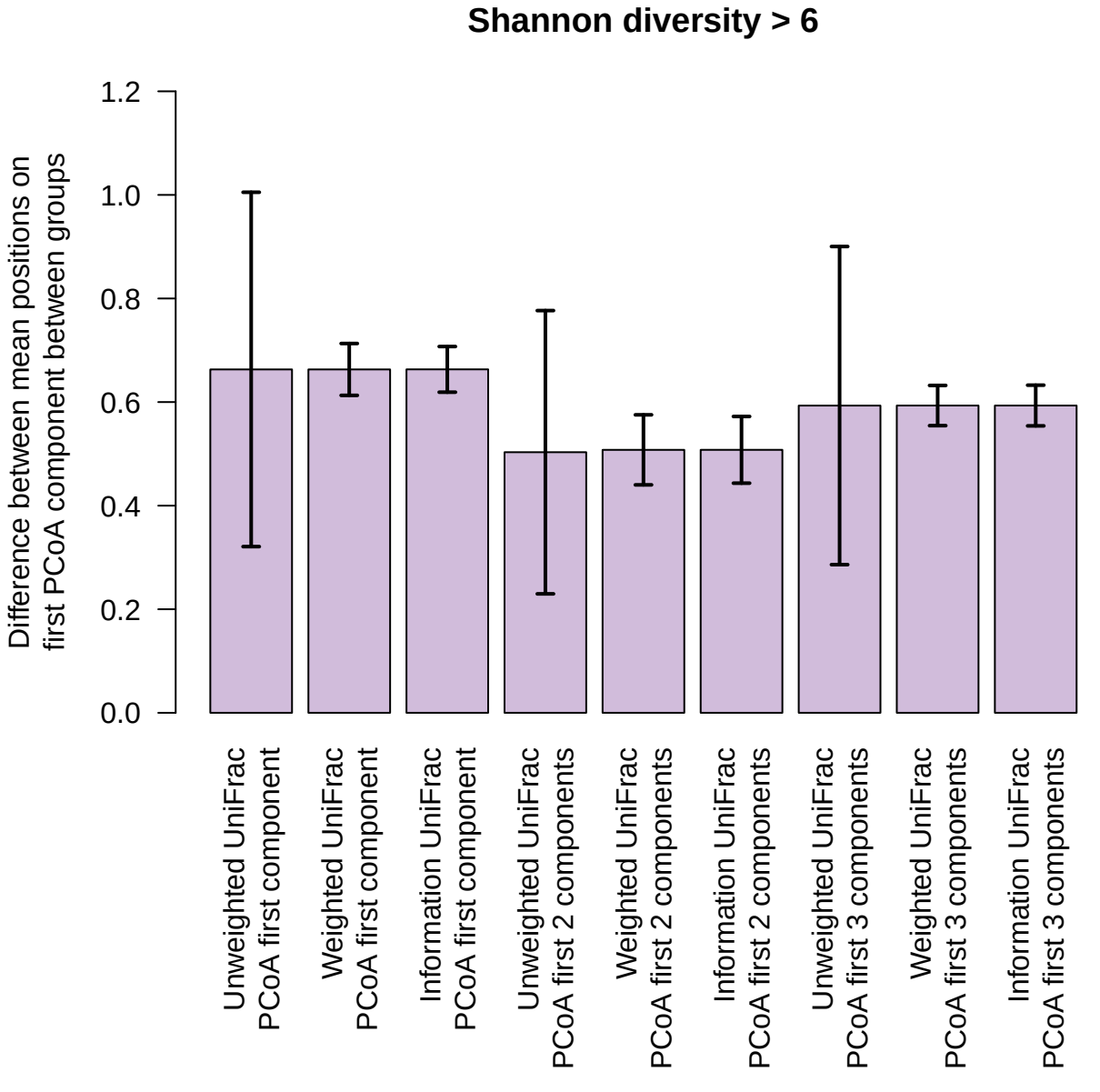

Shannon diversity < 5.7
Variation explained by each axis of PCoA
1.0
0.8
0.6
0.4
0.2
0.0
Unweighted UniFrac Axis 1
Weighted UniFrac Axis 2
Information UniFrac Axis 3
Unweighted UniFrac Axis 4
Weighted UniFrac Axis 5
Information UniFrac Axis 1
Unweighted UniFrac Axis 2
Weighted UniFrac Axis 3
Information UniFrac Axis 4
Unweighted UniFrac Axis 5
Weighted UniFrac Axis 1
Information UniFrac Axis 2
Unweighted UniFrac Axis 3
Weighted UniFrac Axis 4
Information UniFrac Axis 5

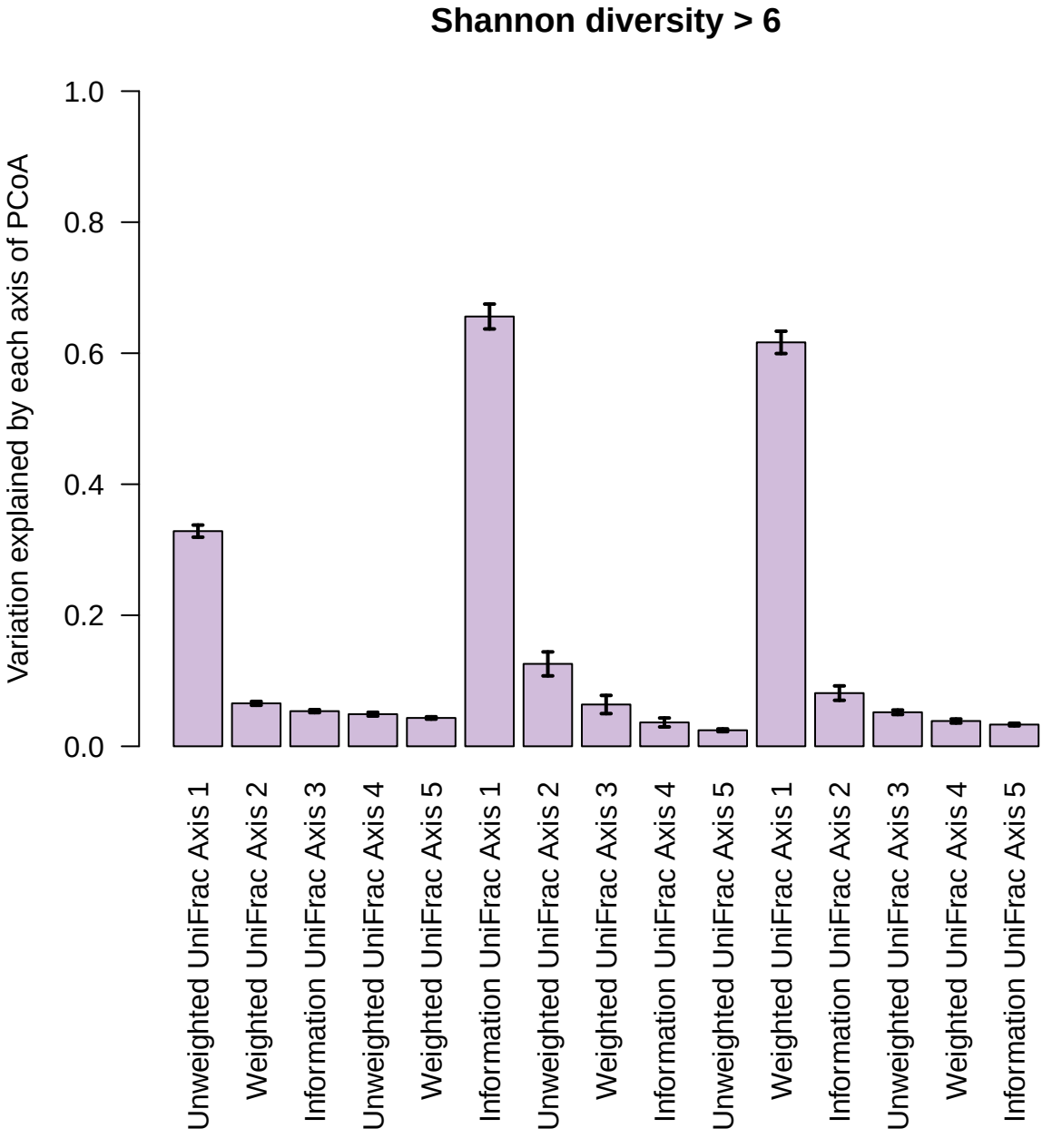

Unweighted UniFrac
principal coordinates analysis
Second Component 0.085 variance explained
First Component 0.296 variance explained
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3

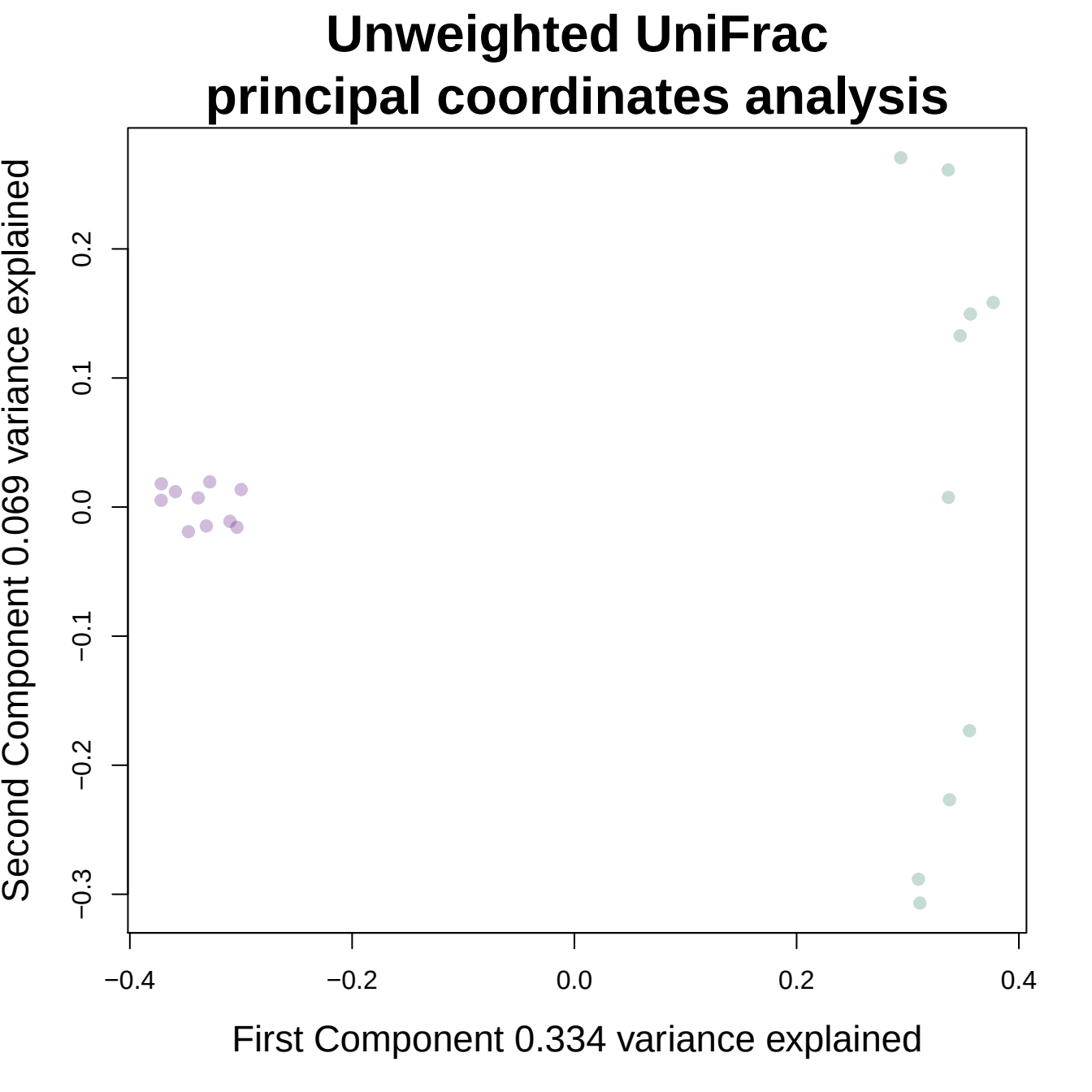

Weighted UniFrac
principal coordinates analysis
Second Component 0.154 variance explained
First Component 0.619 variance explained
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
0.0
0.2
0.4

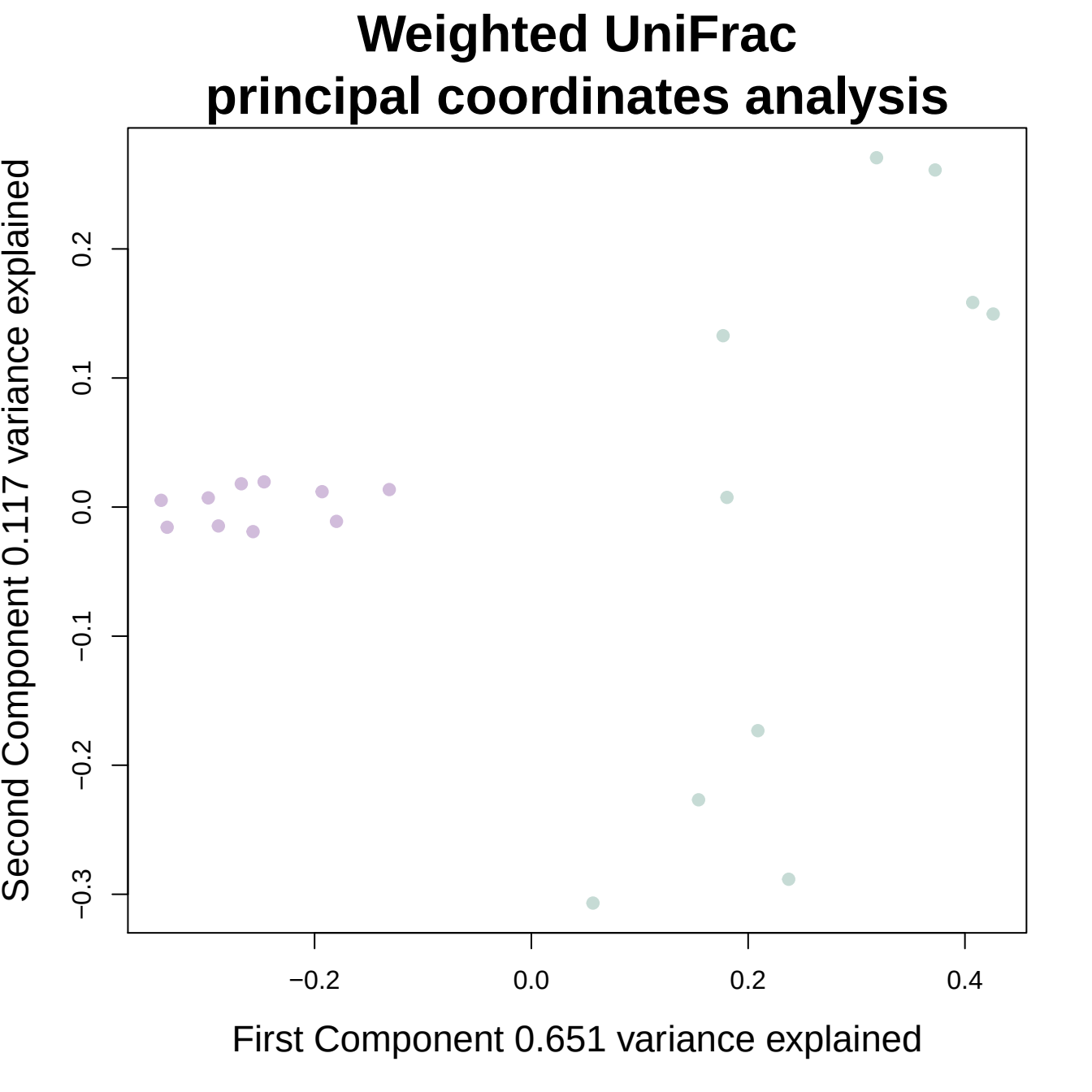

Information UniFrac
principal coordinates analysis
Second Component 0.134 variance explained
First Component 0.499 variance explained
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
0.0
0.2
0.4

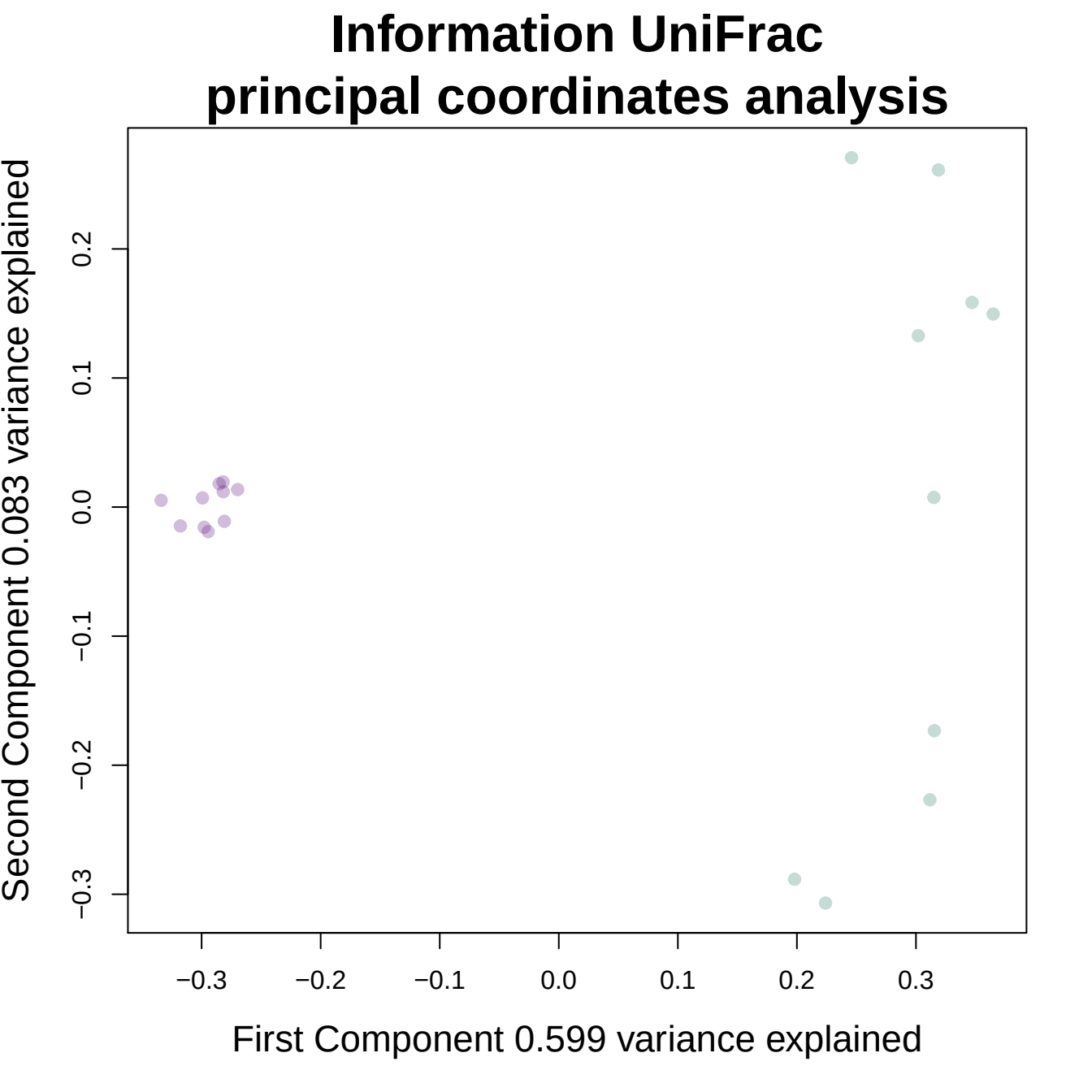

Shannon diversity > 6
Effect size
1.95
1.90
1.85
1.80
Unweighted UniFrac PCoA first component
Weighted UniFrac PCoA first component
Information UniFrac PCoA first component
Unweighted UniFrac PCoA first 2 components
Weighted UniFrac PCoA first 2 components
Information UniFrac PCoA first 2 components
Unweighted UniFrac PCoA first 3 components
Weighted UniFrac PCoA first 3 components
Information UniFrac PCoA first 3 components


Shannon diversity > 6
Difference between mean positions on first PCoA component between groups
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Unweighted UniFrac PCoA first component
Weighted UniFrac PCoA first component
Information UniFrac PCoA first component
Unweighted UniFrac PCoA first 2 components
Weighted UniFrac PCoA first 2 components
Information UniFrac PCoA first 2 components
Unweighted UniFrac PCoA first 3 components
Weighted UniFrac PCoA first 3 components
Information UniFrac PCoA first 3 components


Shannon diversity > 6
Variation explained by each axis of PCoA
1.0
0.8
0.6
0.4
0.2
0.0
Unweighted UniFrac Axis 1
Weighted UniFrac Axis 2
Information UniFrac Axis 3
Unweighted UniFrac Axis 4
Weighted UniFrac Axis 5
Information UniFrac Axis 1
Unweighted UniFrac Axis 2
Weighted UniFrac Axis 3
Information UniFrac Axis 4
Unweighted UniFrac Axis 5
Weighted UniFrac Axis 1
Information UniFrac Axis 2
Unweighted UniFrac Axis 3
Weighted UniFrac Axis 4
Information UniFrac Axis 5


Unweighted UniFrac
principal coordinates analysis
Second Component 0.069 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.2
0.0
0.2
0.4
First Component 0.334 variance explained


Weighted UniFrac
principal coordinates analysis
Second Component 0.117 variance explained
First Component 0.651 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
0.0
0.2
0.4


Information UniFrac
principal coordinates analysis
Second Component 0.083 variance explained
First Component 0.599 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3