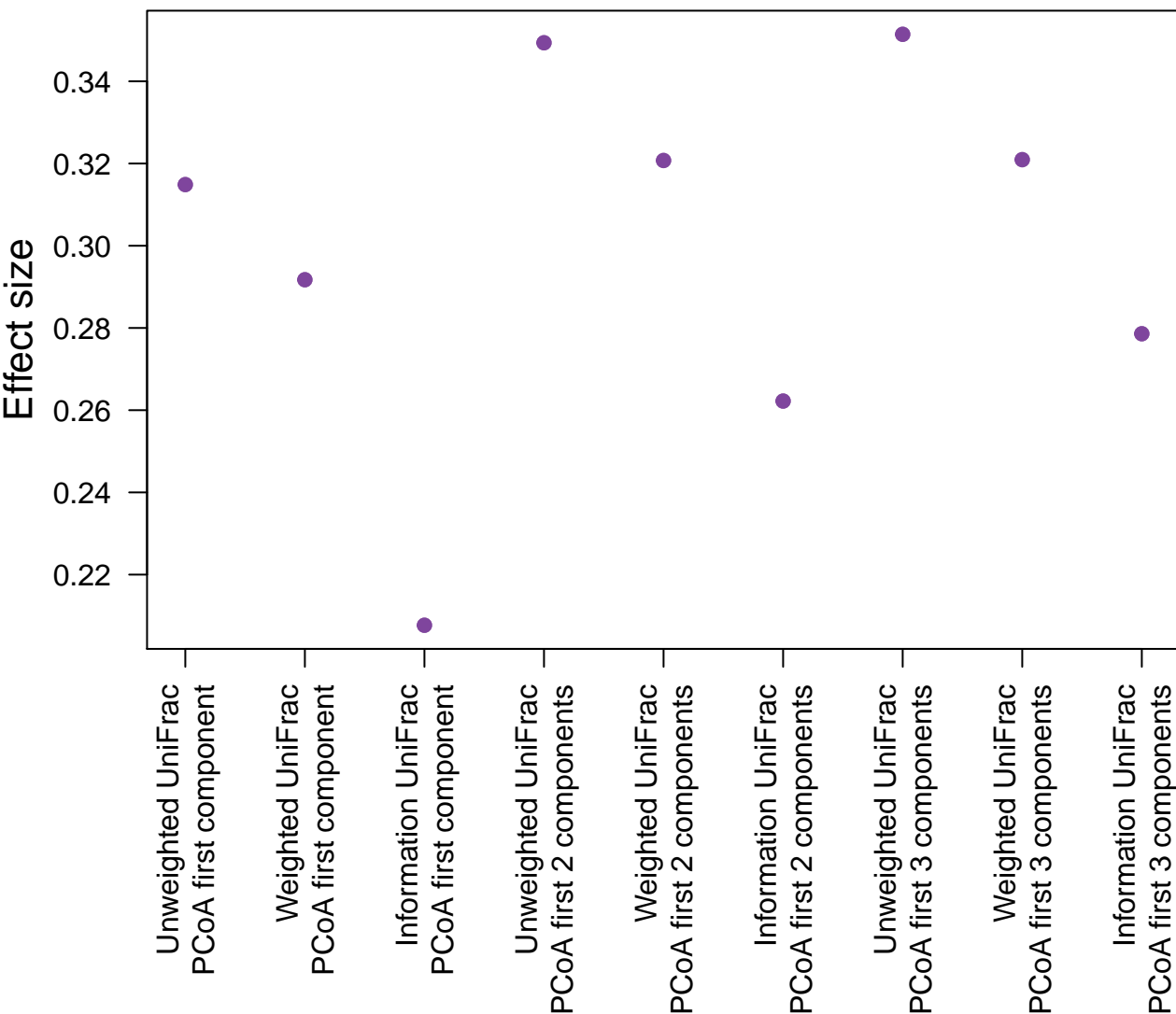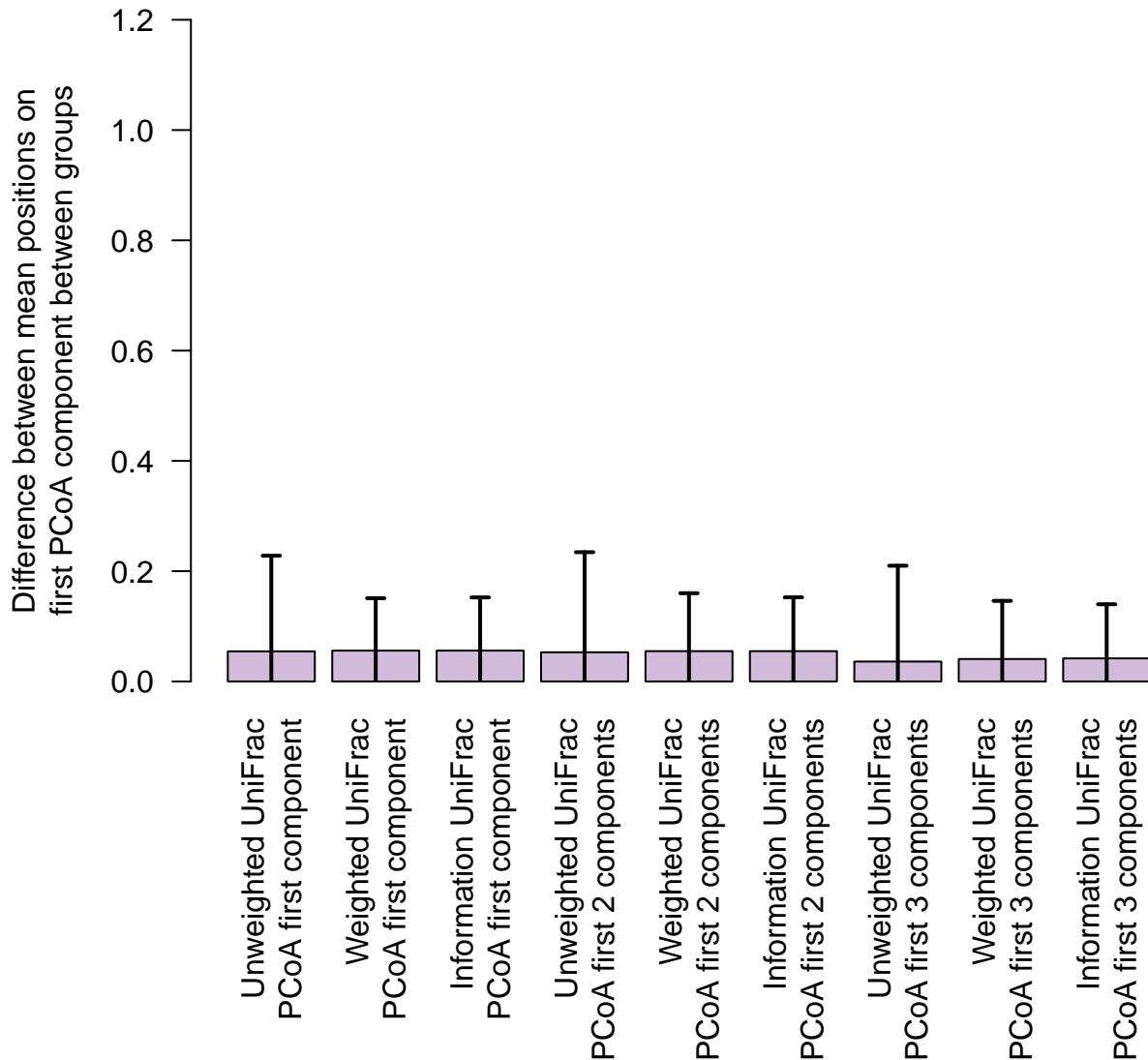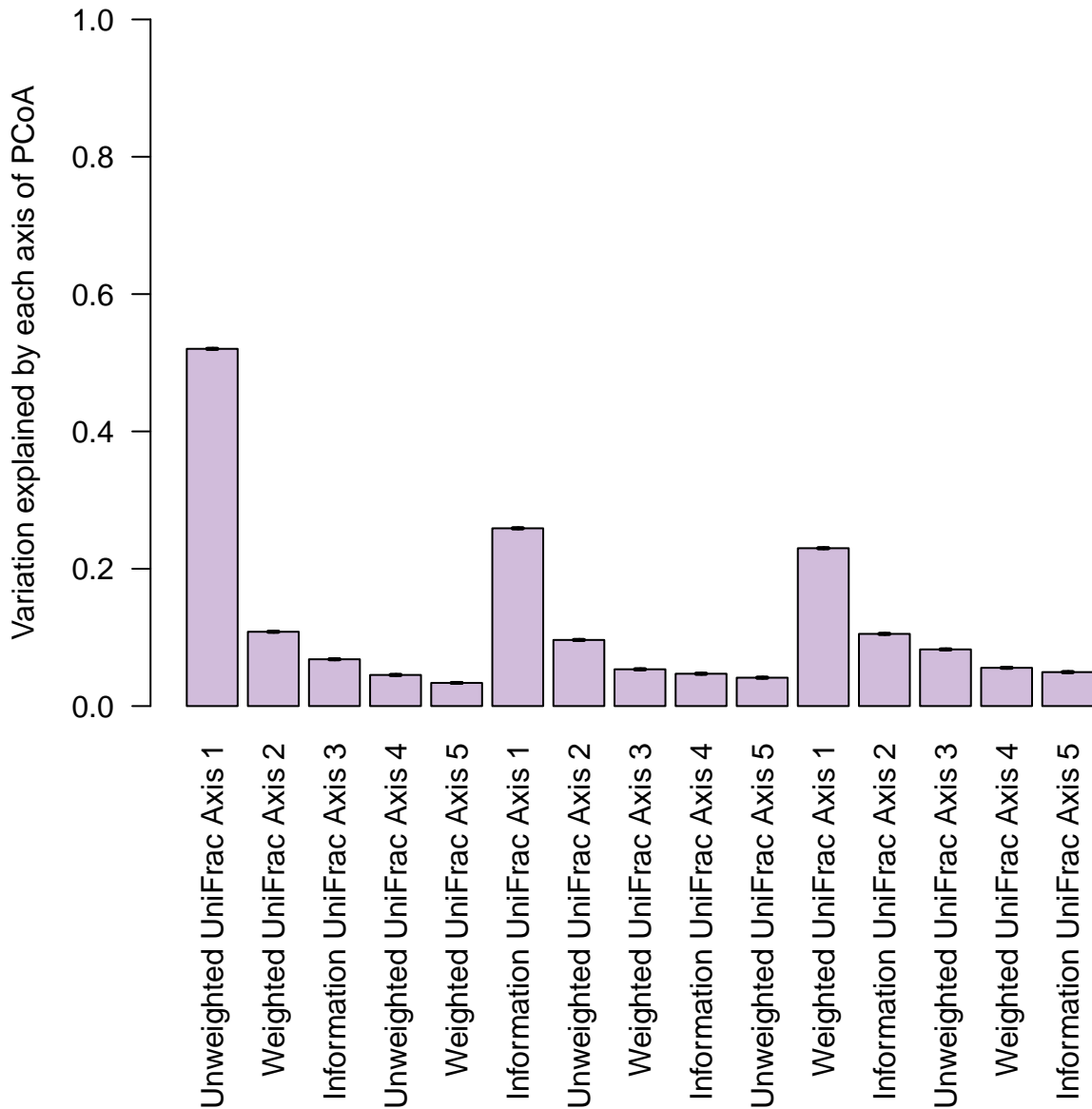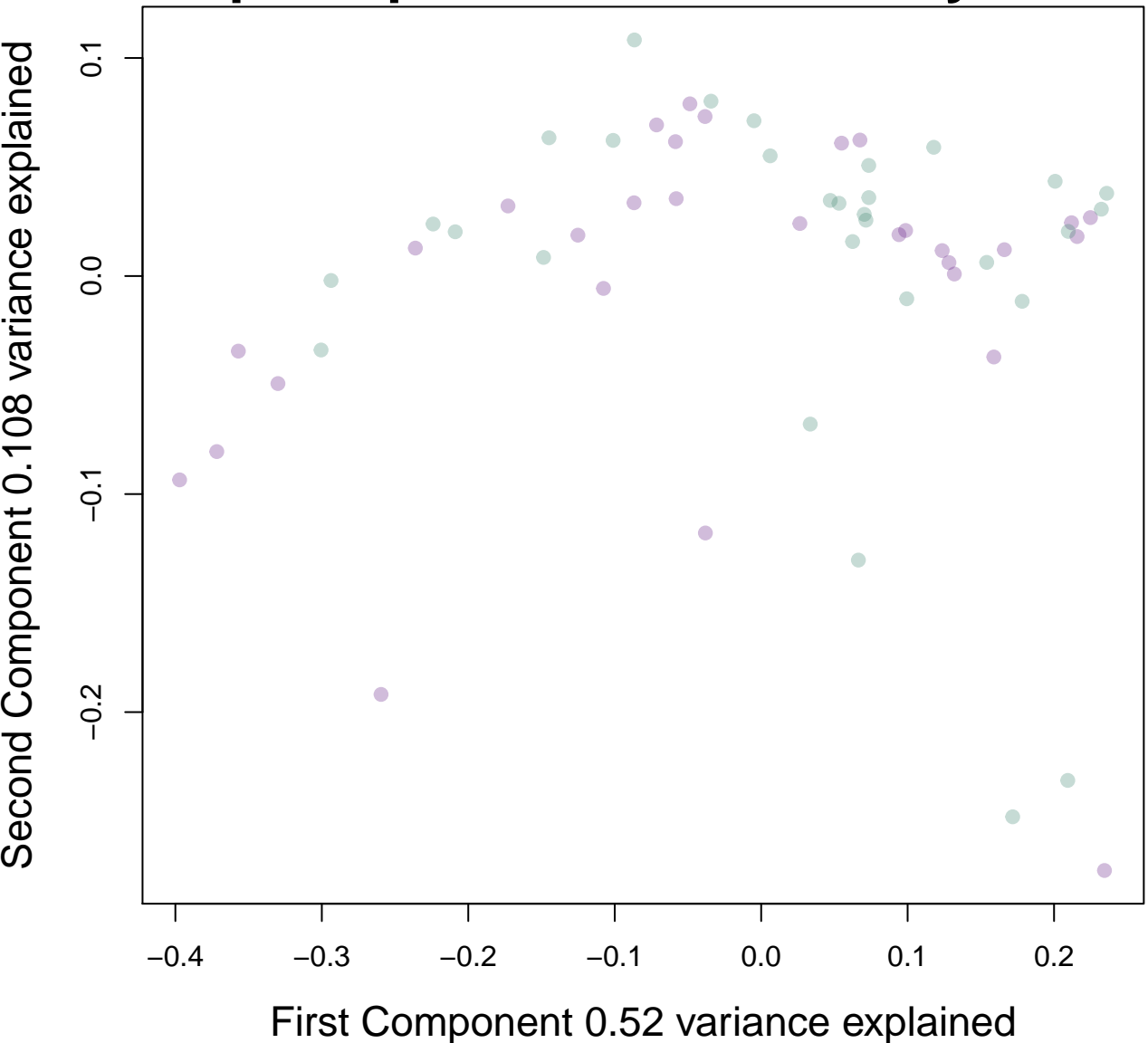**Sparsity filter at 0.1%**
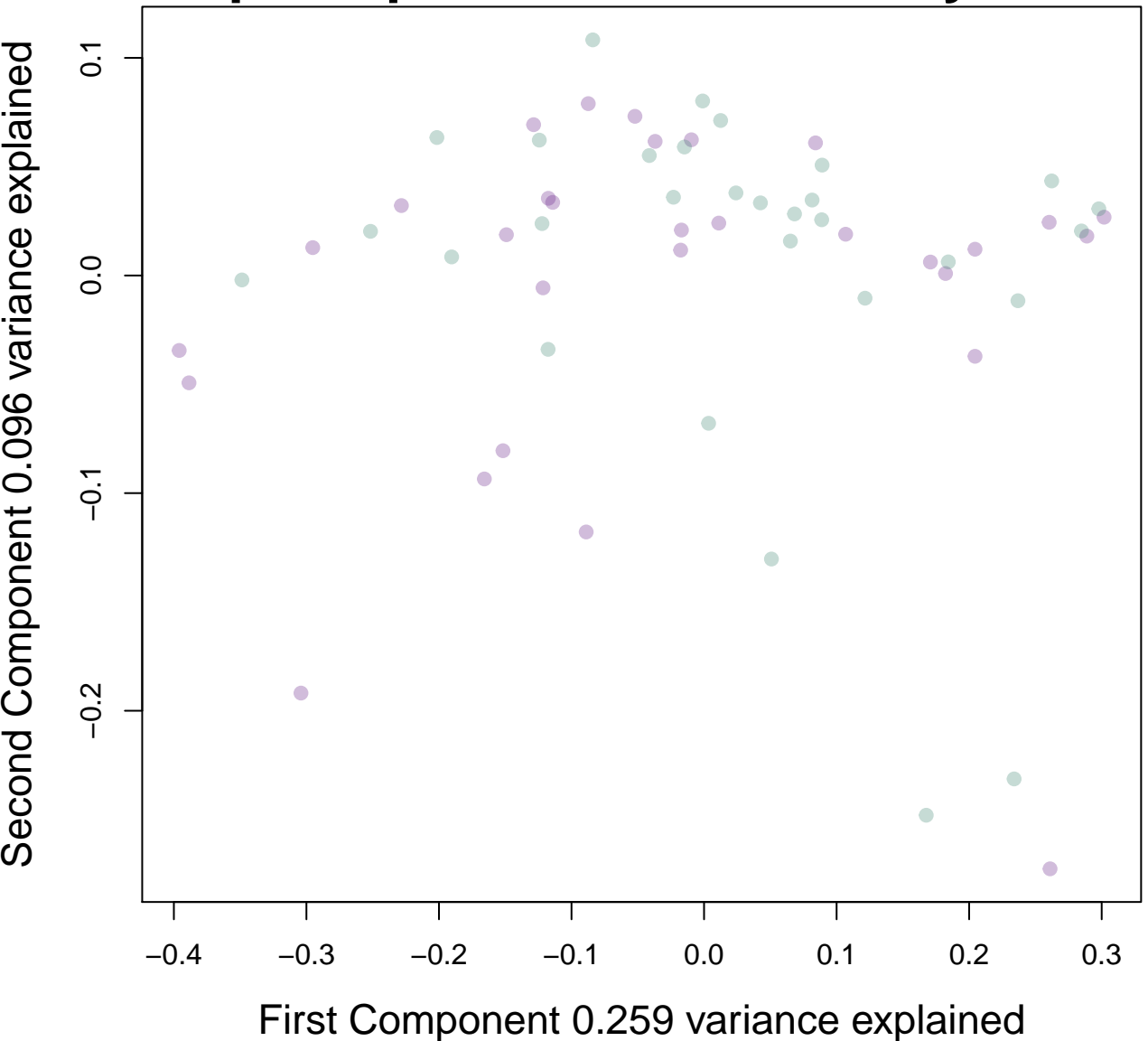
Sparsity filter at 0.1%

Sparsity filter at 0.1%

Unweighted UniFrac principal coordinates analysis

Weighted UniFrac
principal coordinates analysis

First Component 0.259 variance explained

Second Component 0.096 variance explained

**Information UniFrac
principal coordinates analysis**

First Component 0.23 variance explained

Second Component 0.105 variance explained

Sparsity filter at 0.1%

Sparsity filter at 0.1%

Difference between mean positions on first PCoA component between groups

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

Sparsity filter at 0.1%

Unweighted UniFrac
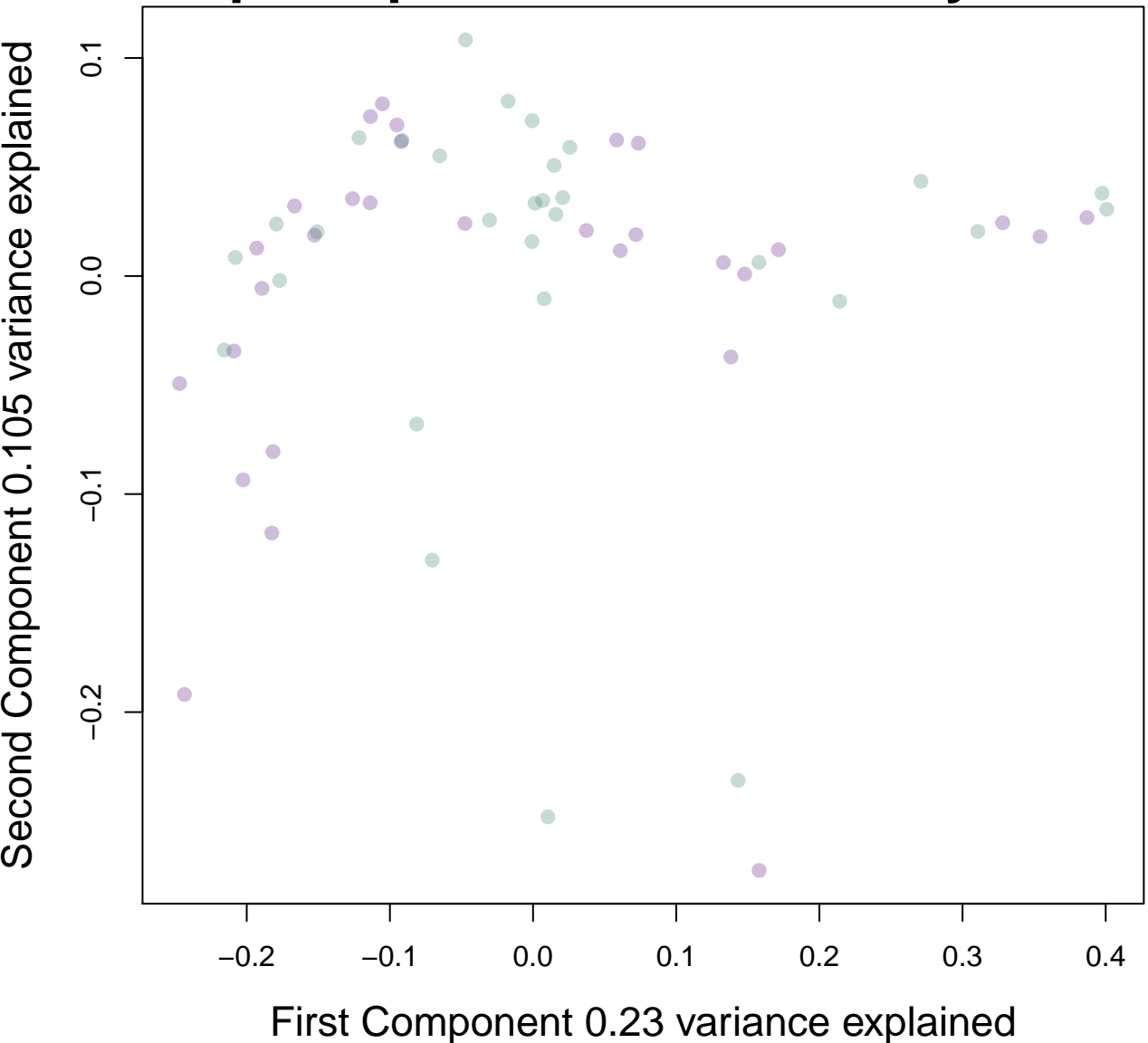principal coordinates analysis
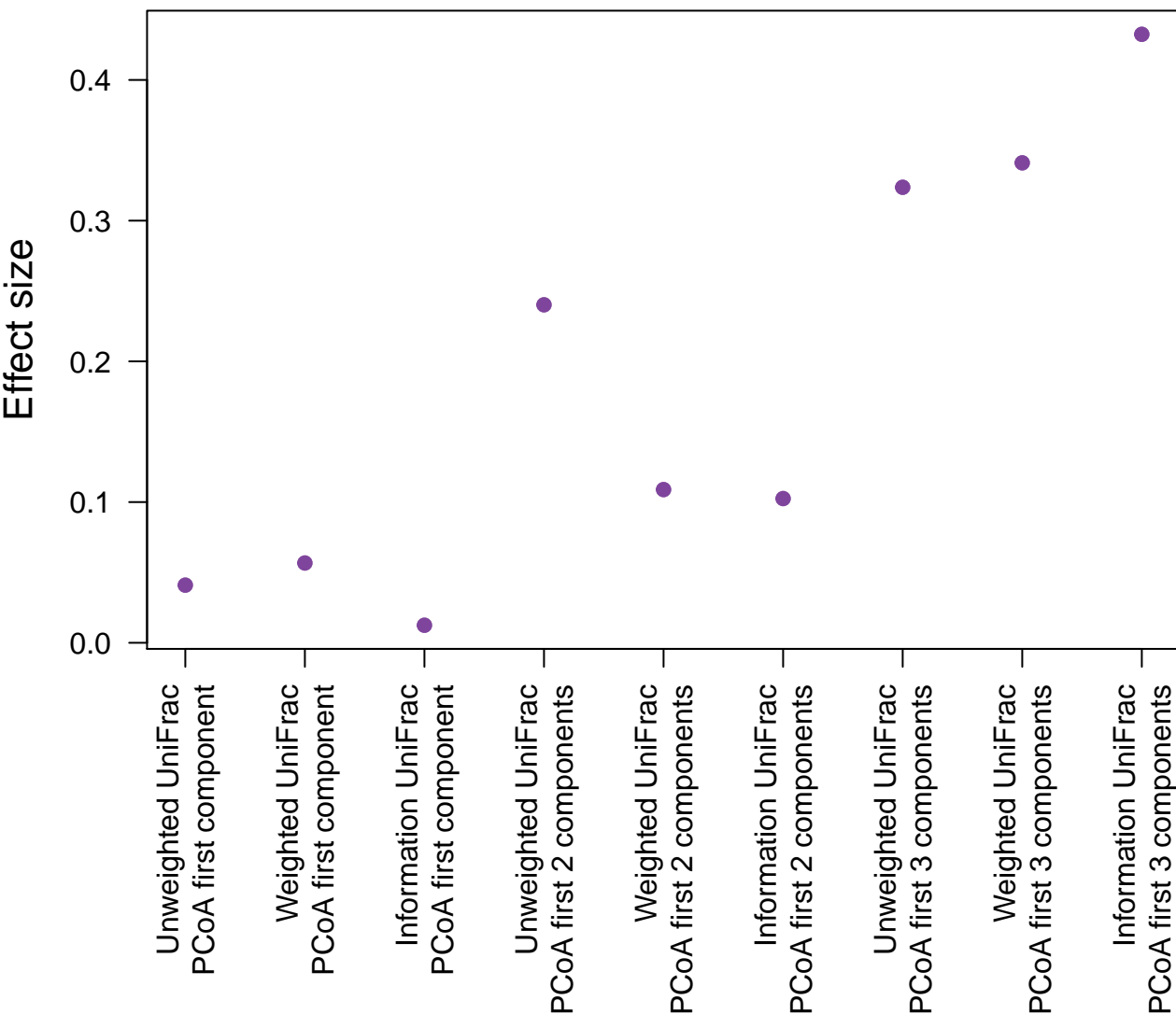
**Weighted UniFrac
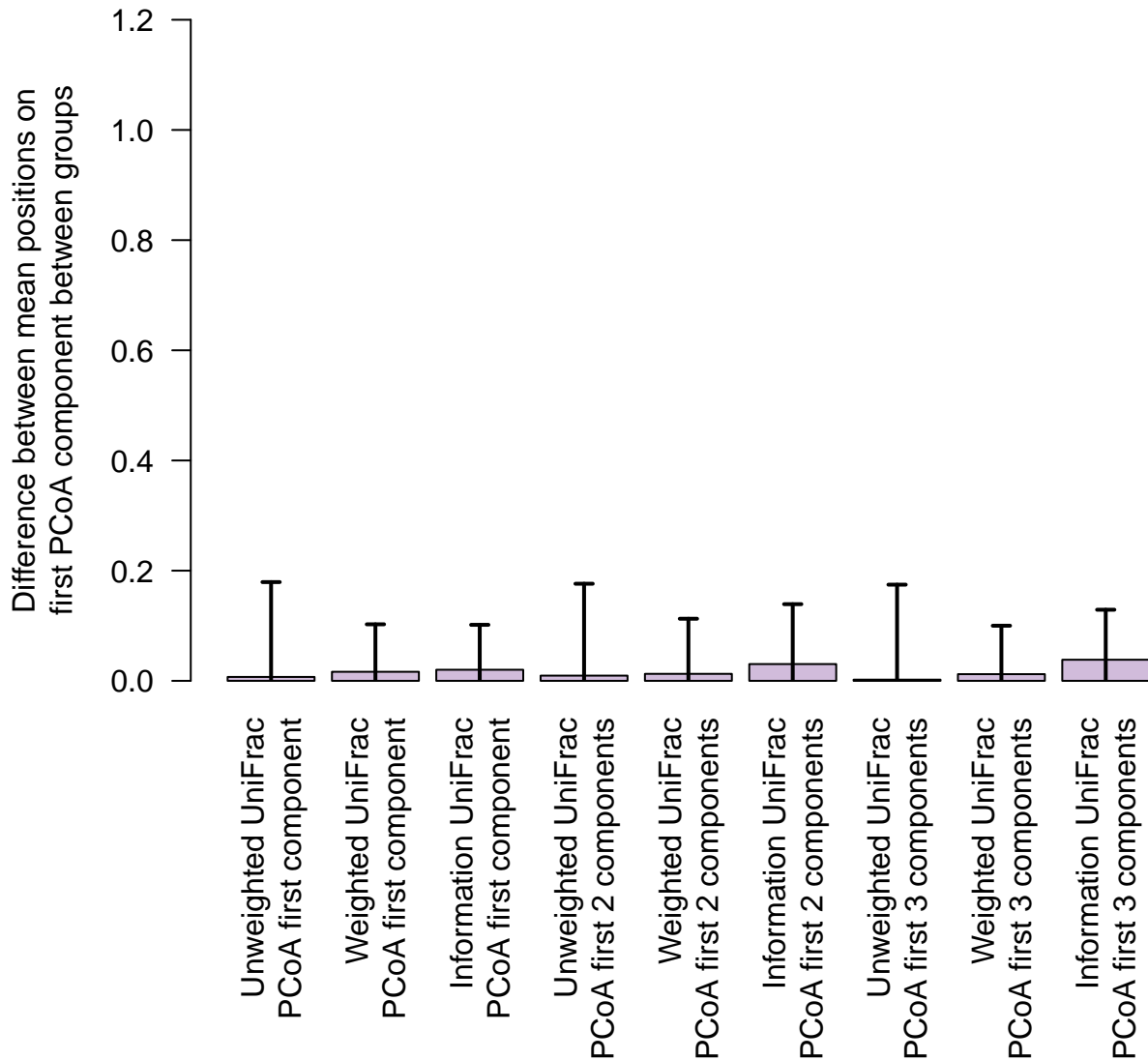principal coordinates analysis**

**Information UniFrac
principal coordinates analysis**

First Component 0.231 variance explained

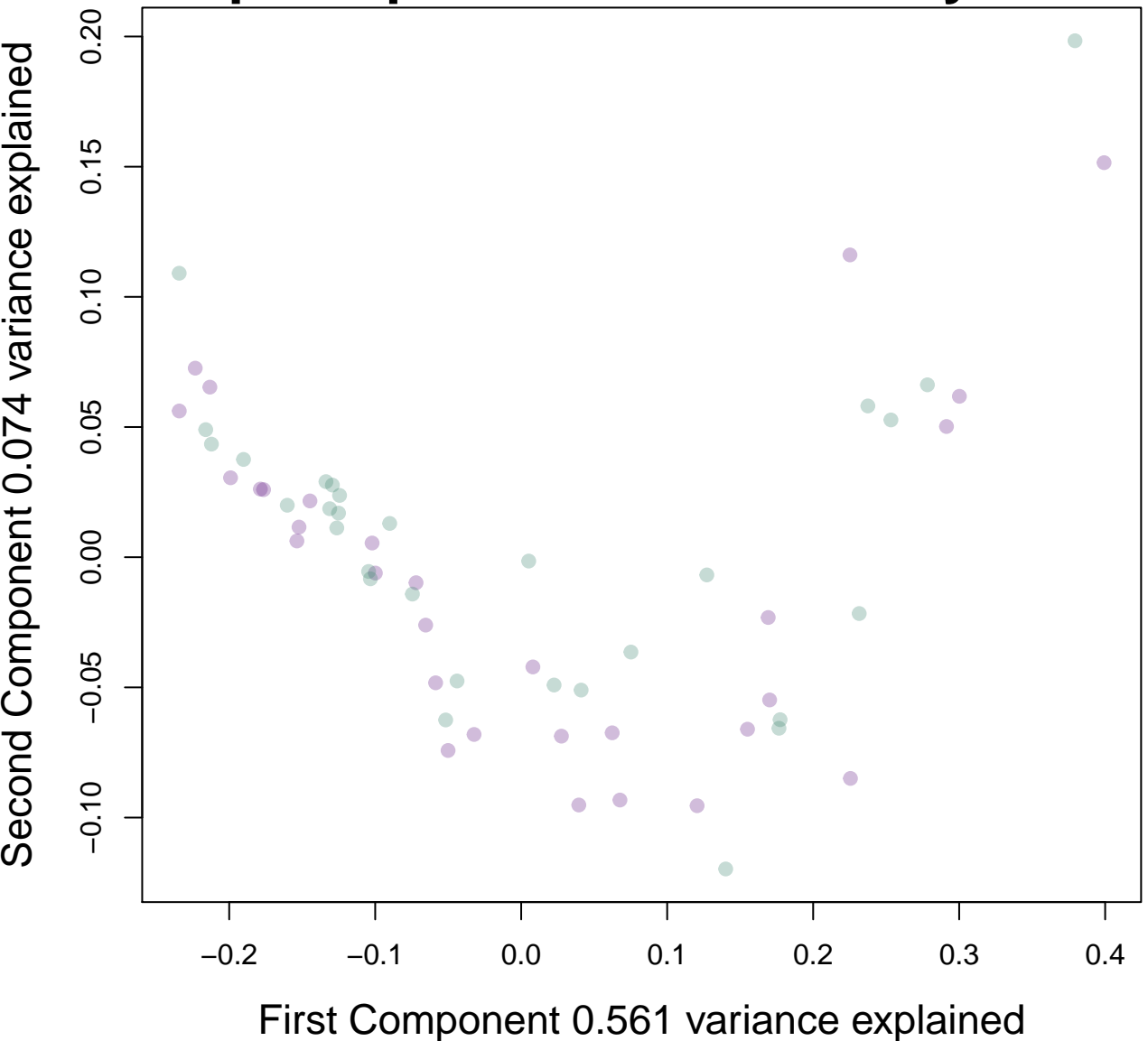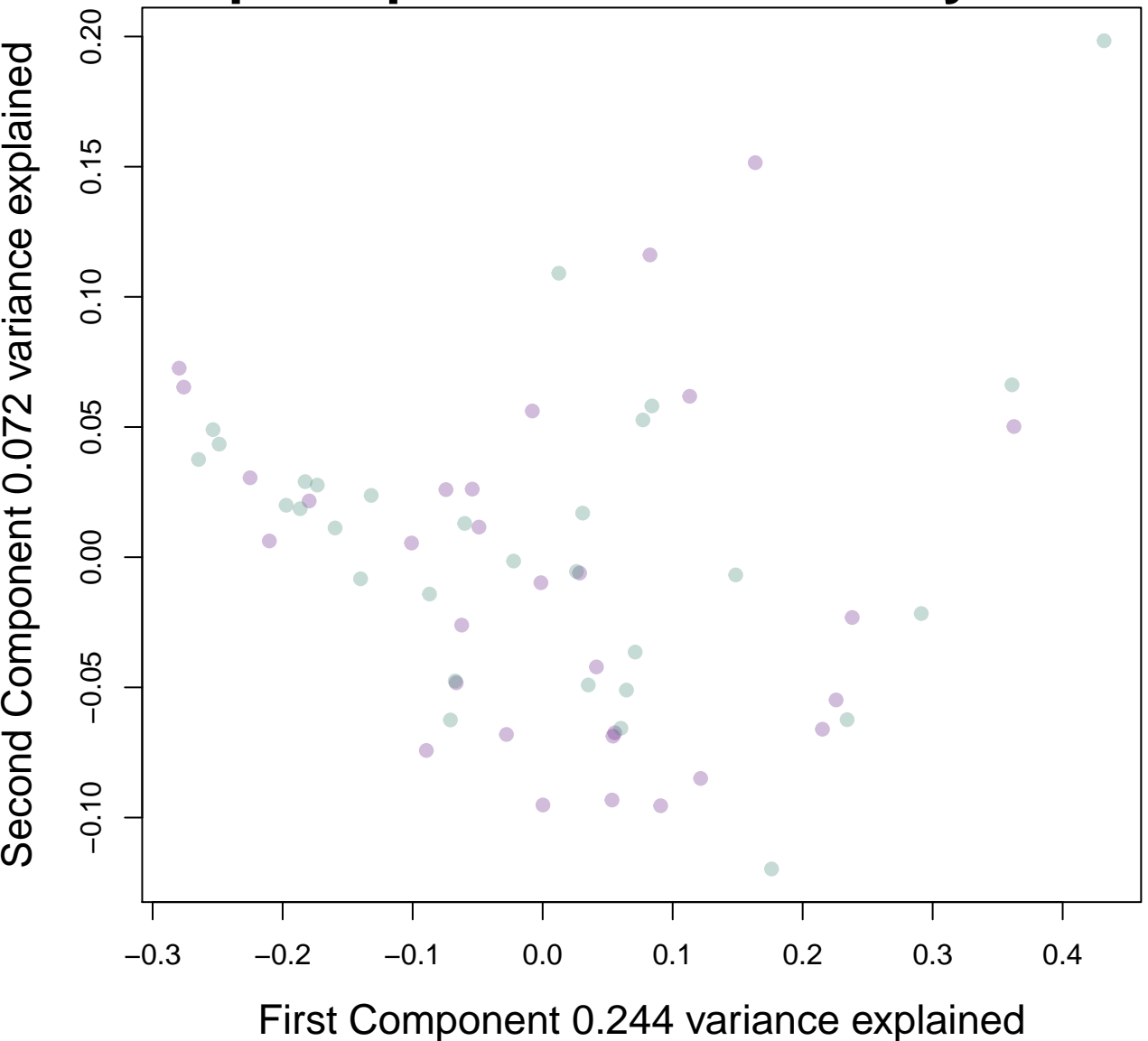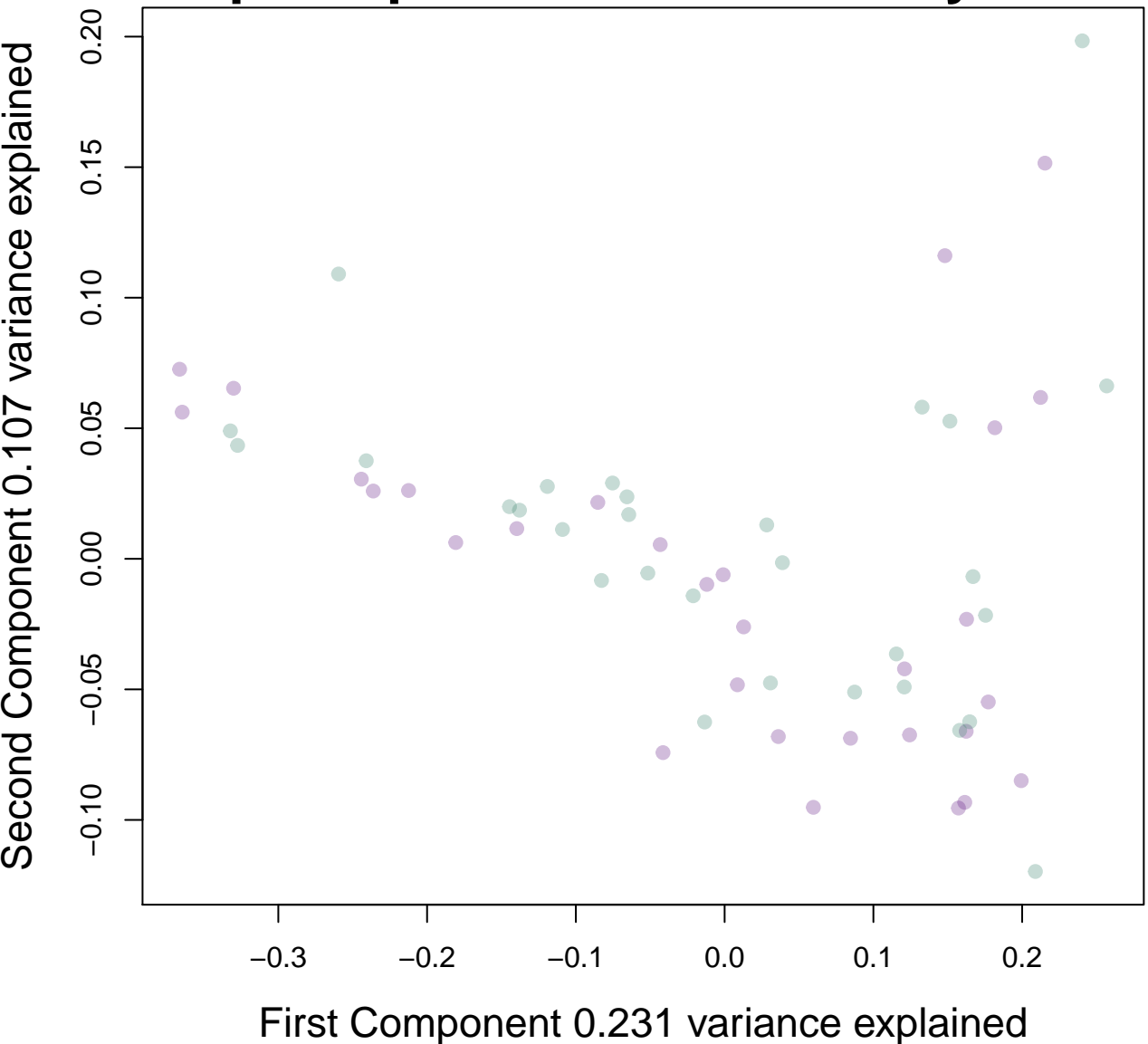Second Component 0.107 variance explained

Sparsity filter at 0.1%

Sparsity filter at 0.1%

Difference between mean positions on first PCoA component between groups

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

Sparsity filter at 0.1%

**Unweighted UniFrac
principal coordinates analysis**

**Weighted UniFrac
principal coordinates analysis**

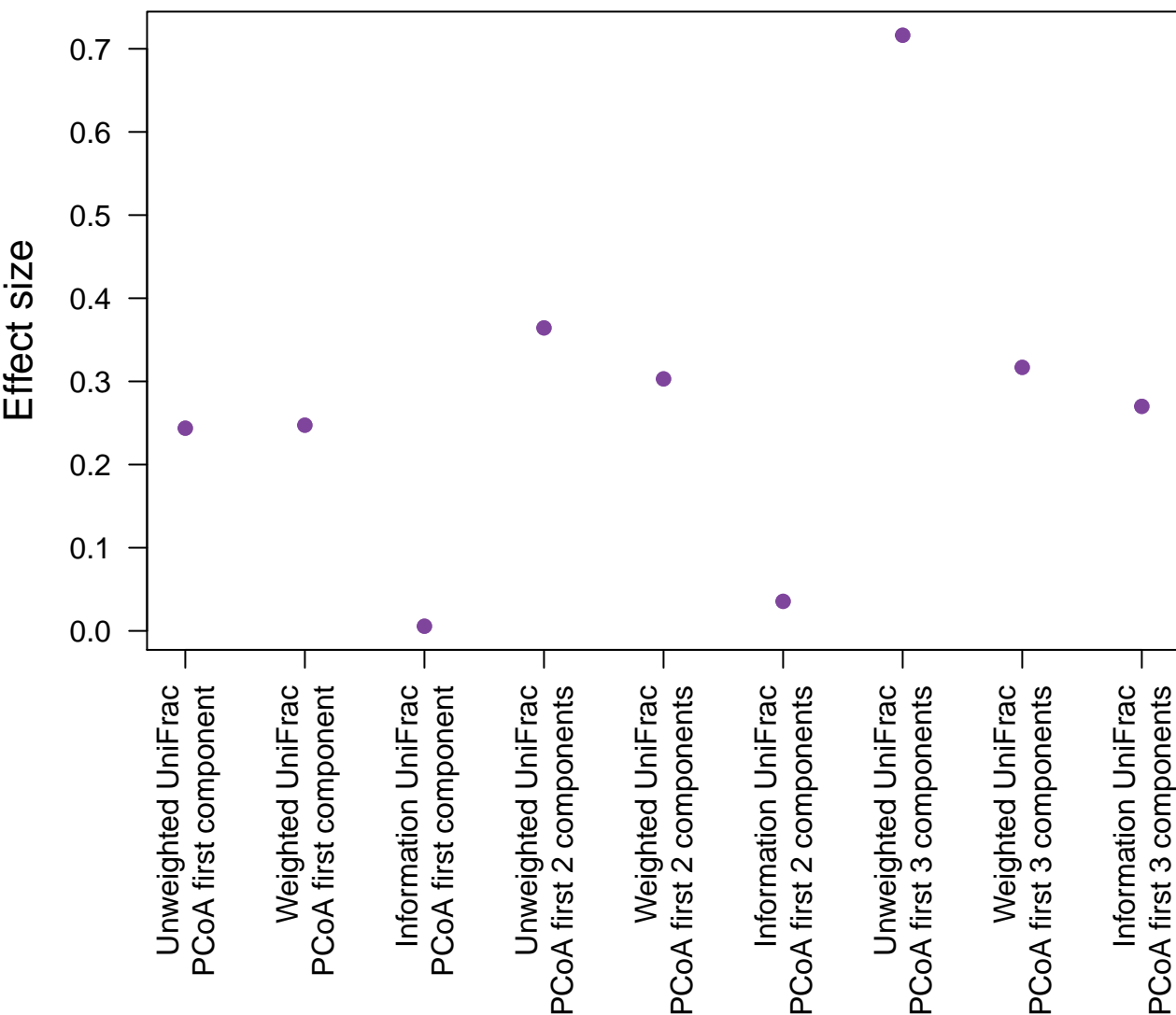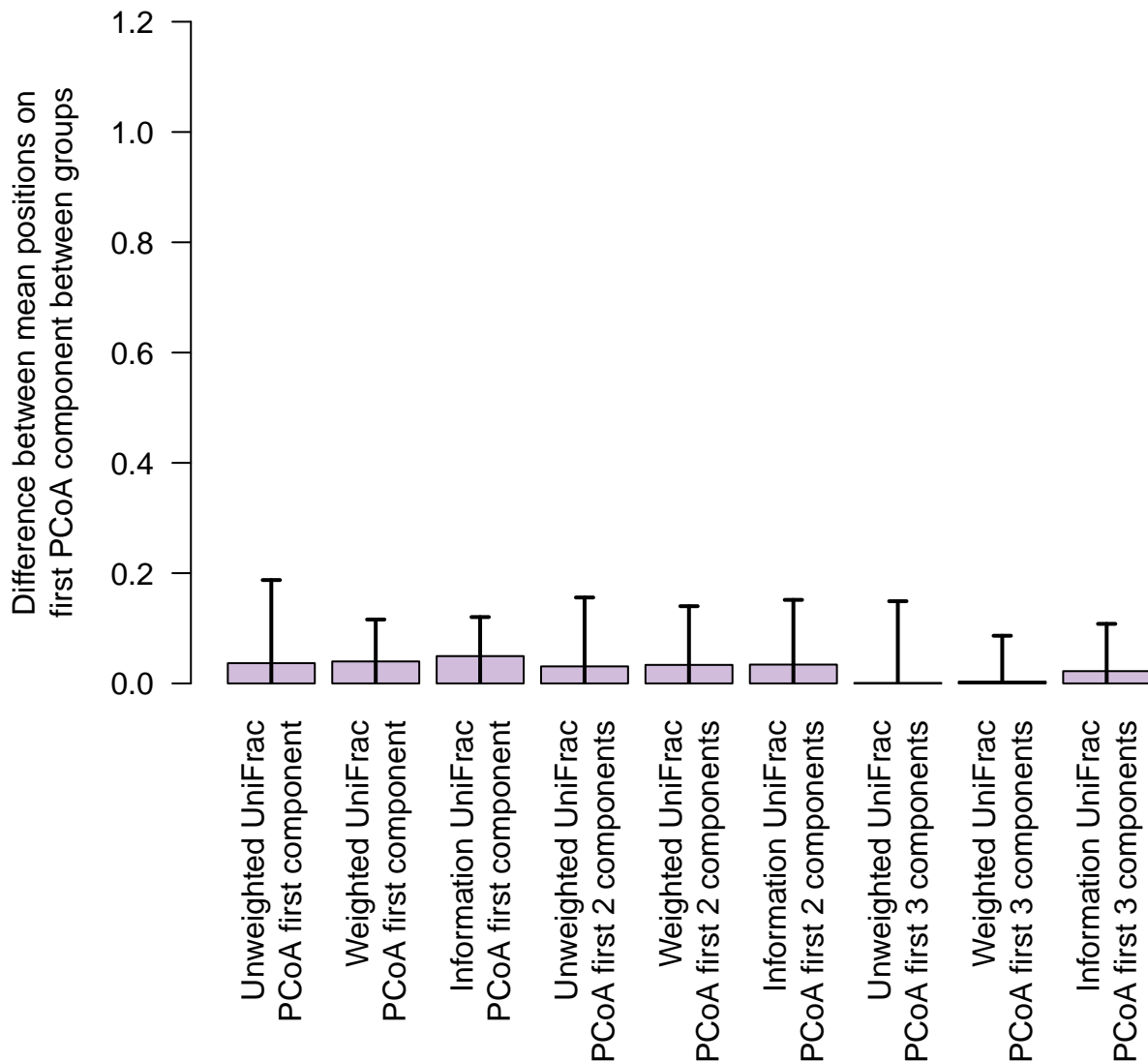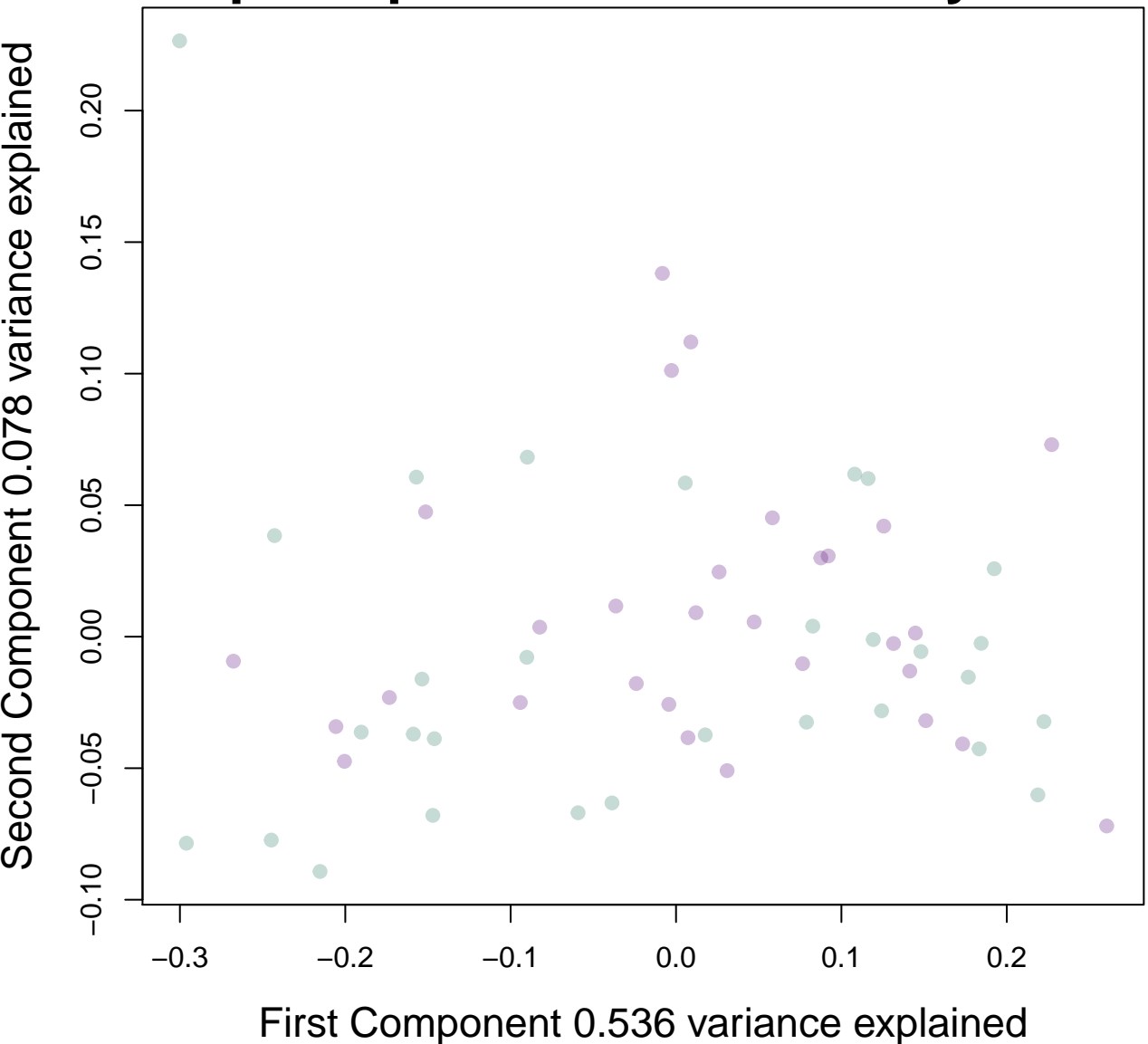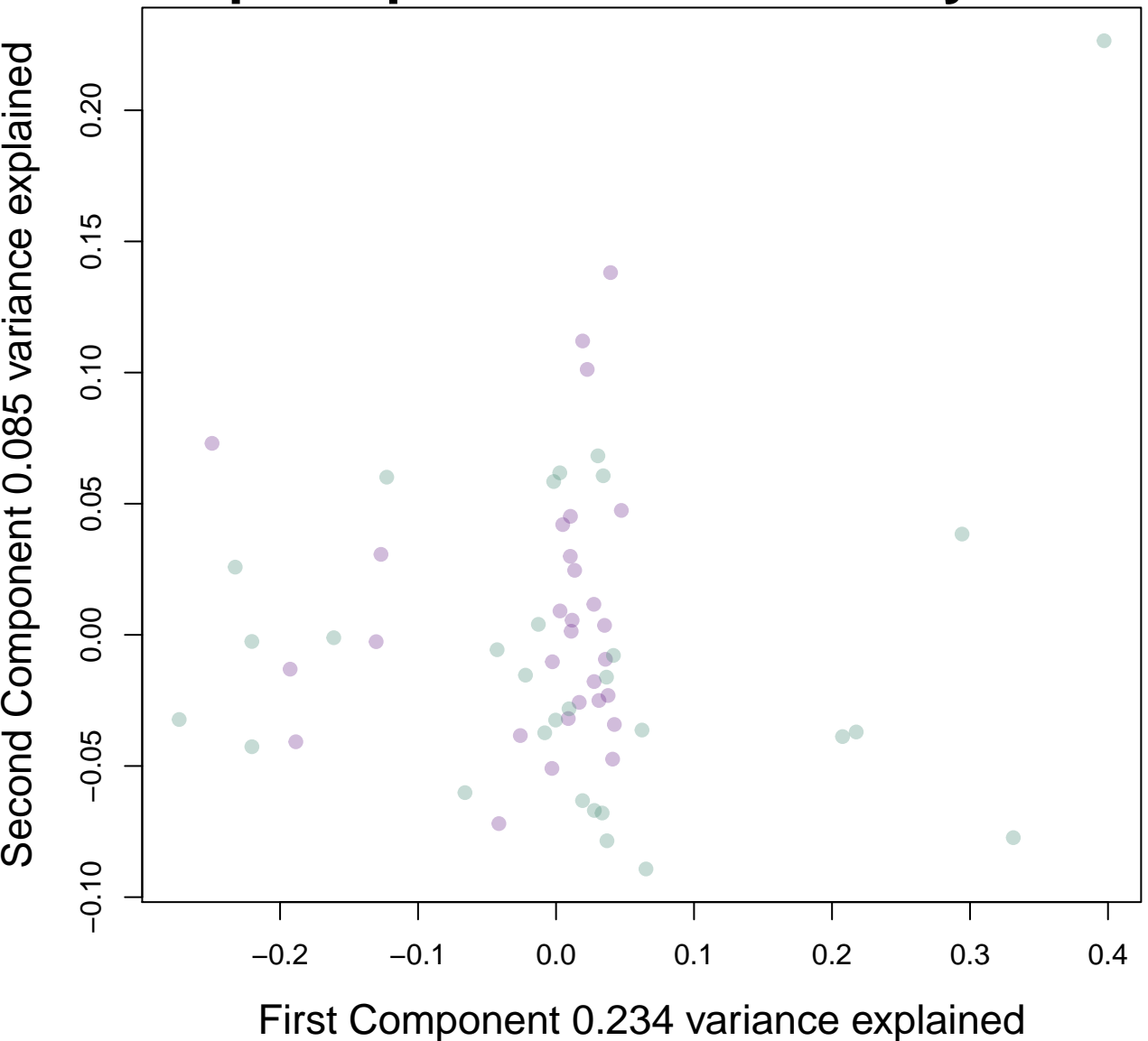First Component 0.234 variance explained

Second Component 0.085 variance explained

Information UniFrac principal coordinates analysis

First Component 0.225 variance explained

Second Component 0.083 variance explained