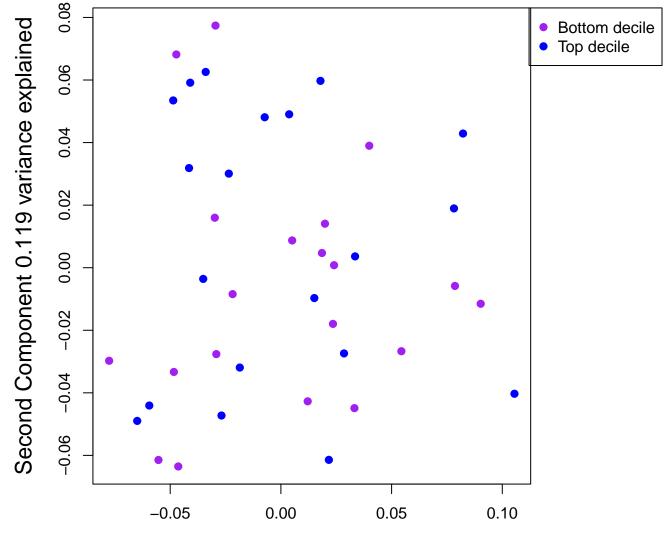
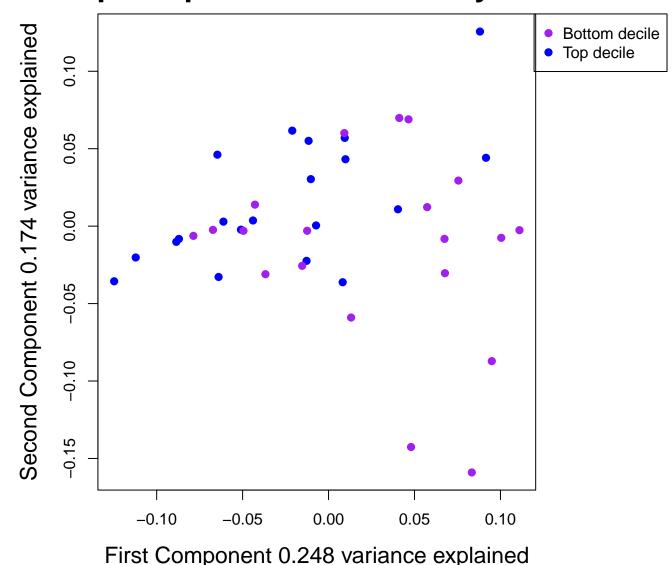
# Unweighted UniFrac principal coordinate analysis

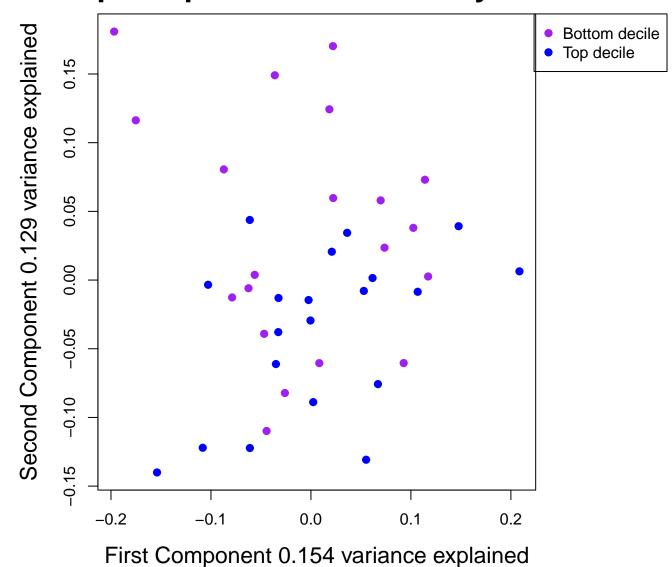


First Component 0.157 variance explained

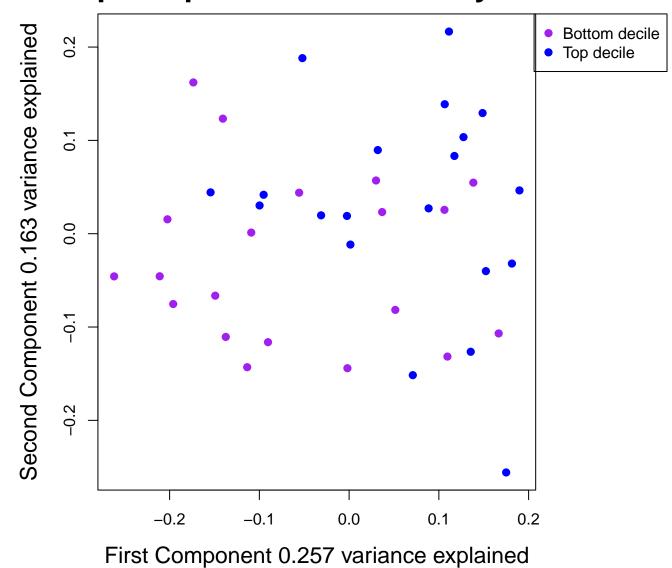
# Weighted UniFrac principal coordinate analysis



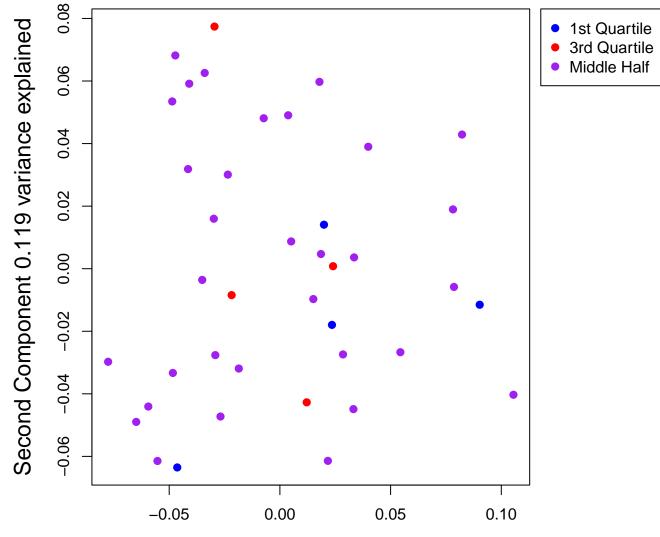
# Information UniFrac principal coordinate analysis



# Ratio UniFrac principal coordinate analysis

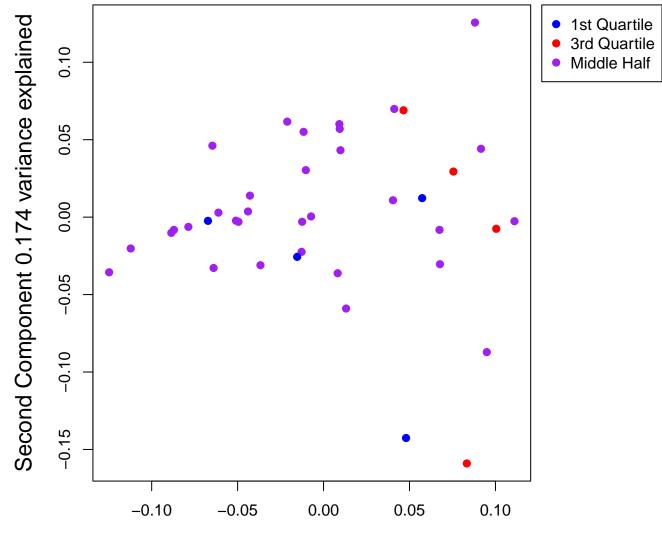


## Unweighted UniFrac TPA mm2



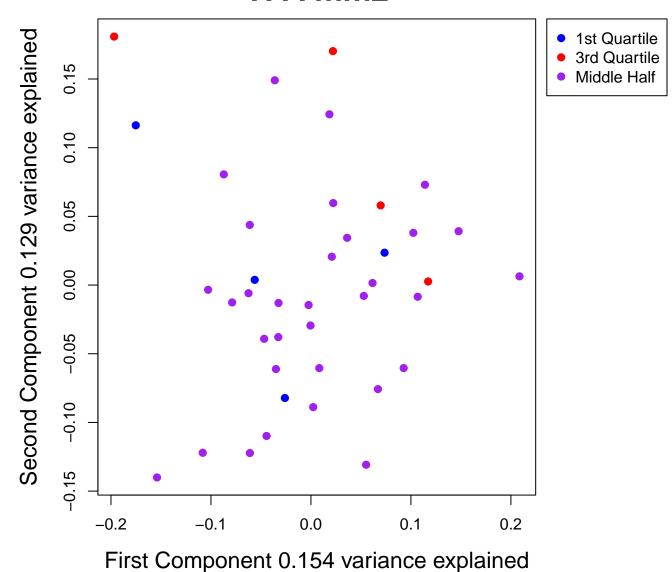
First Component 0.157 variance explained

## Weighted UniFrac TPA mm2

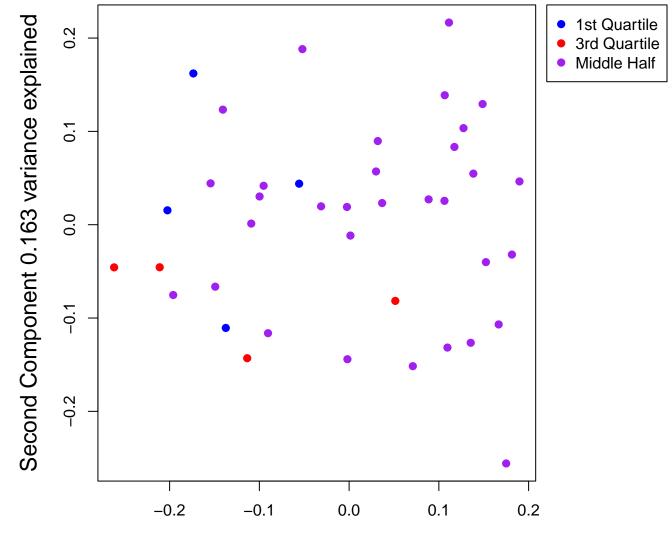


First Component 0.248 variance explained

## Information UniFrac TPA mm2

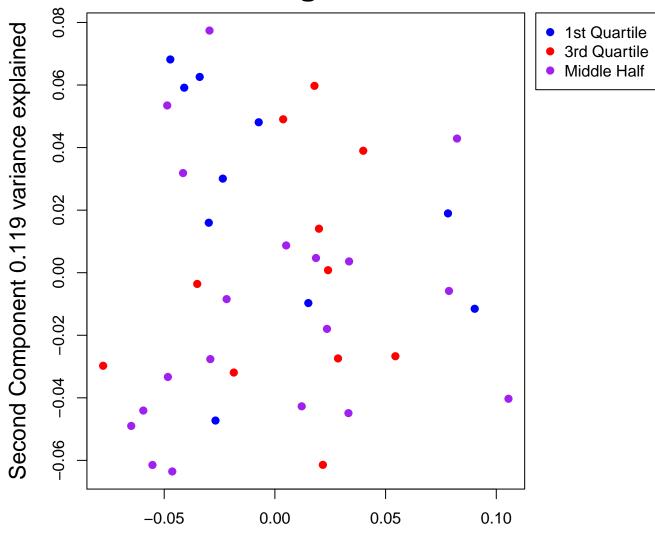


## Ratio UniFrac TPA mm2



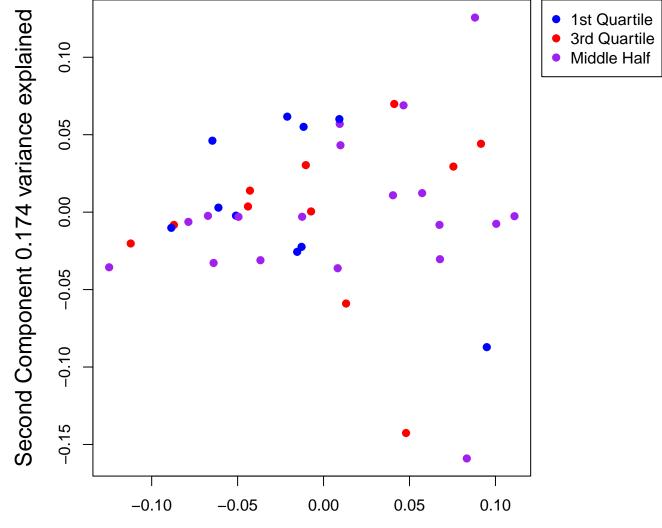
First Component 0.257 variance explained

# Unweighted UniFrac Age



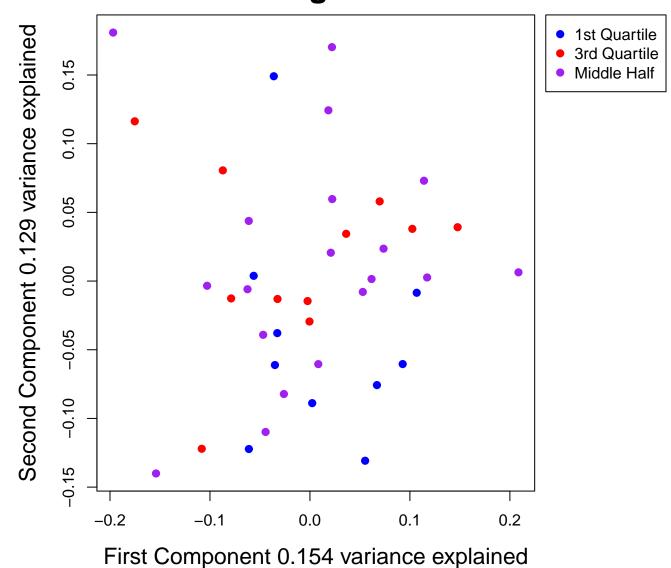
First Component 0.157 variance explained

### Weighted UniFrac Age

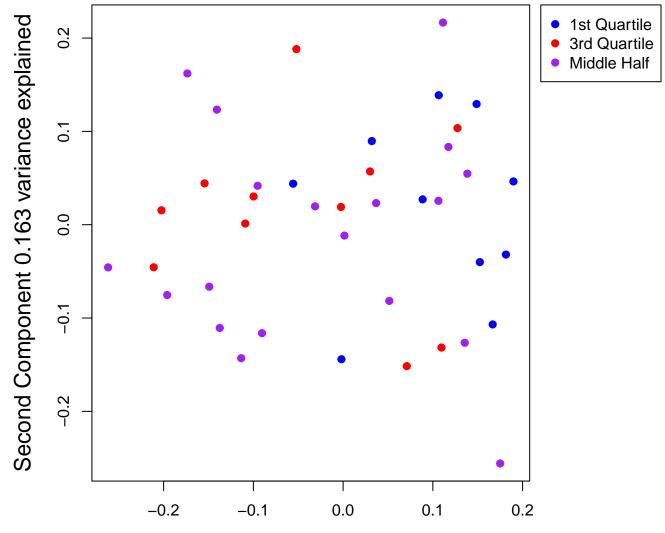


First Component 0.248 variance explained

# Information UniFrac Age



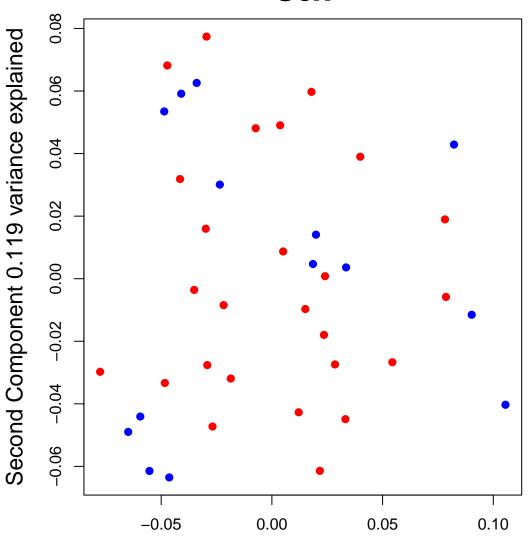
### Ratio UniFrac Age



First Component 0.257 variance explained

### Unweighted UniFrac Sex

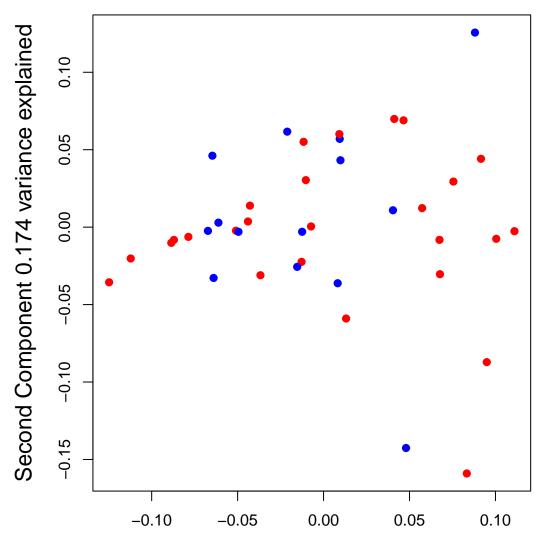
Μ



First Component 0.157 variance explained

#### Weighted UniFrac Sex

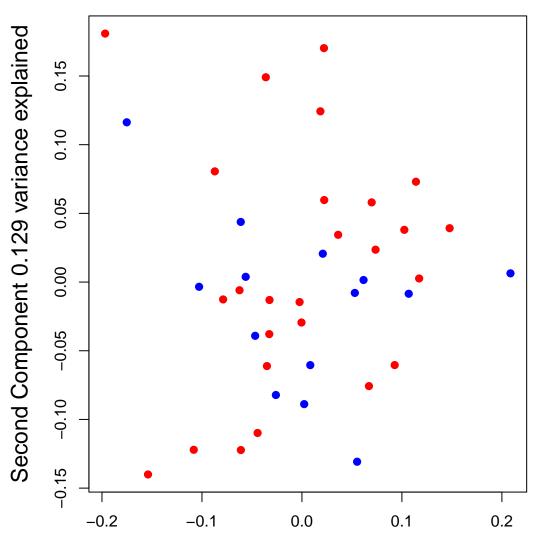
Μ



First Component 0.248 variance explained

# Information UniFrac Sex

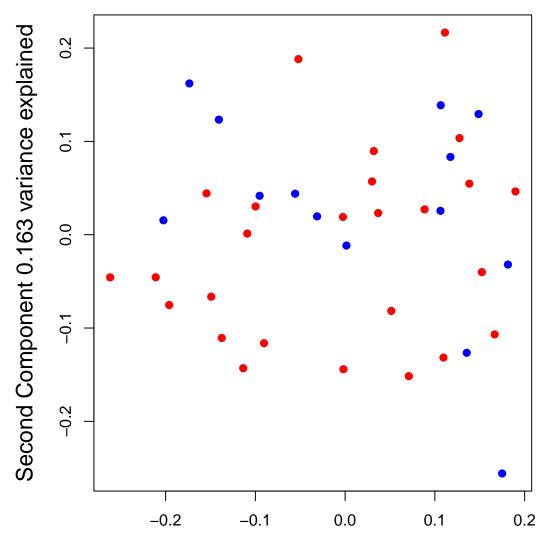
Μ



First Component 0.154 variance explained

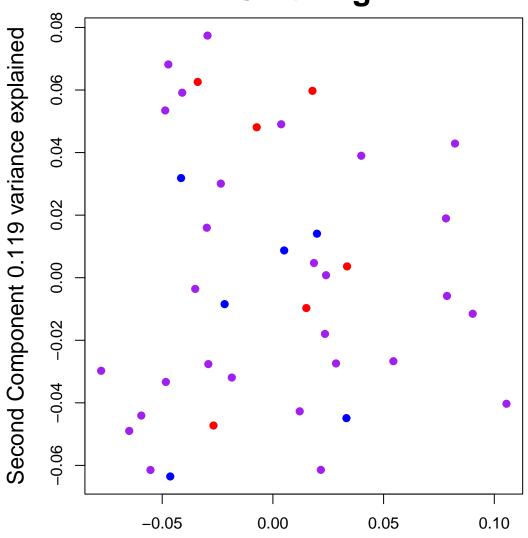
#### Ratio UniFrac Sex

Μ



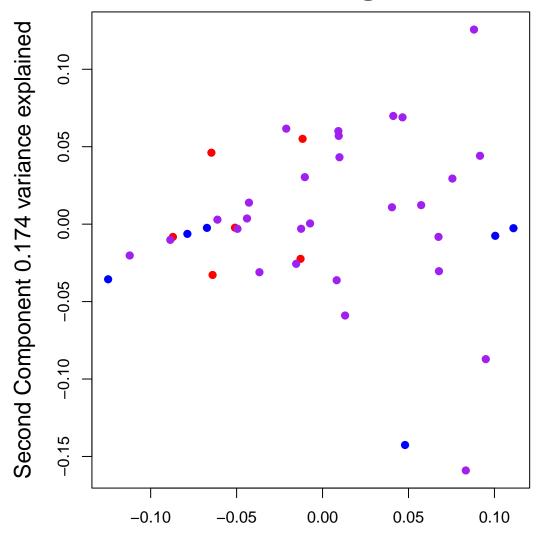
First Component 0.257 variance explained

# Unweighted UniFrac Smoking



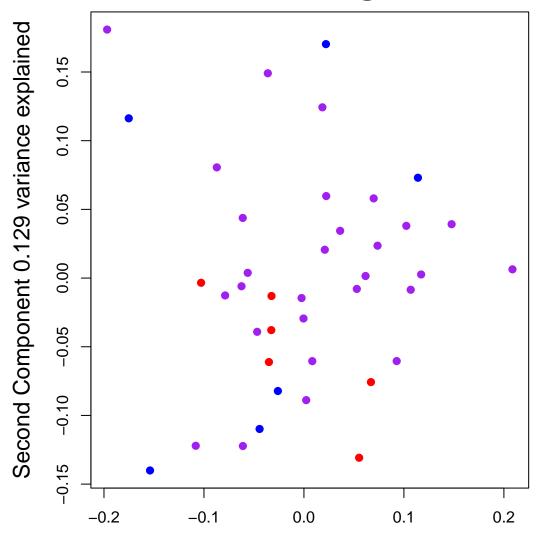
First Component 0.157 variance explained

### Weighted UniFrac Smoking



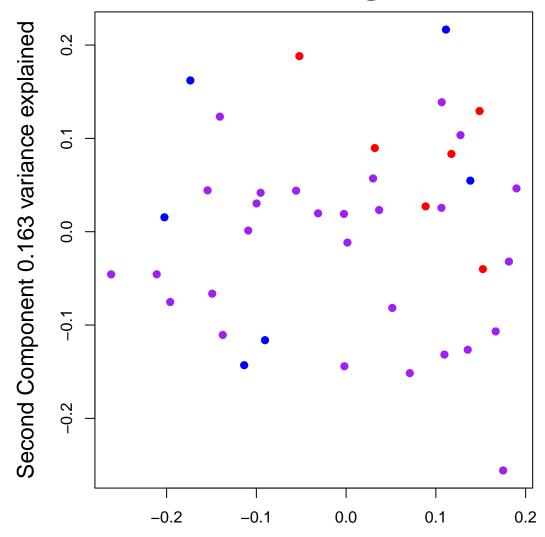
First Component 0.248 variance explained

# Information UniFrac Smoking



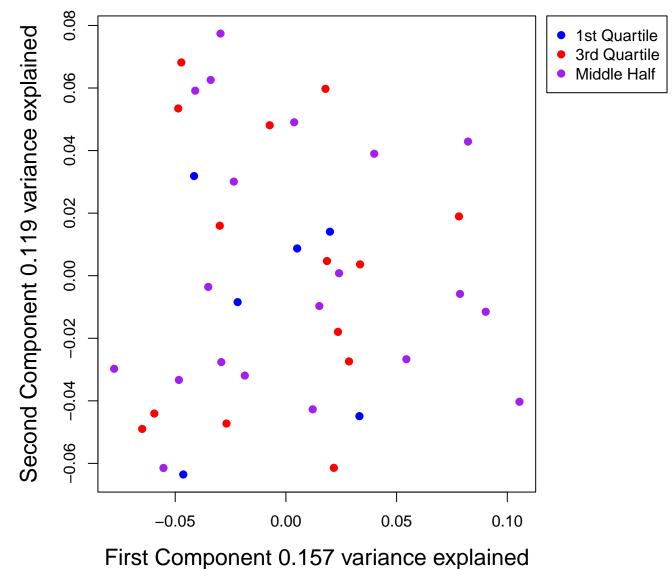
First Component 0.154 variance explained

# Ratio UniFrac Smoking

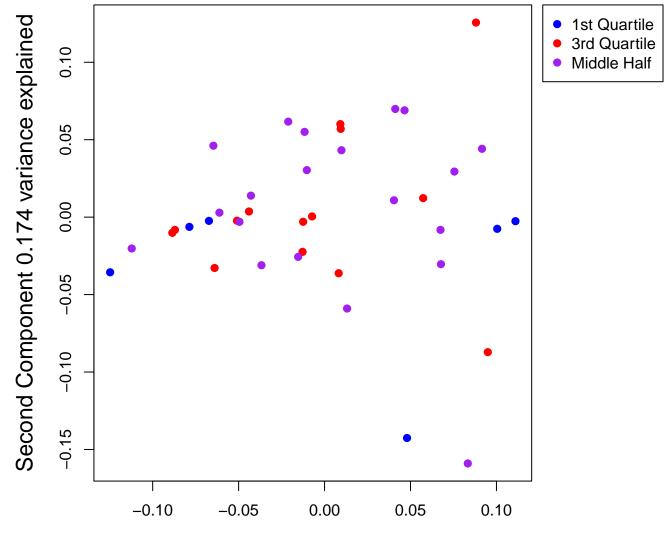


First Component 0.257 variance explained

### Unweighted UniFrac Pack Years

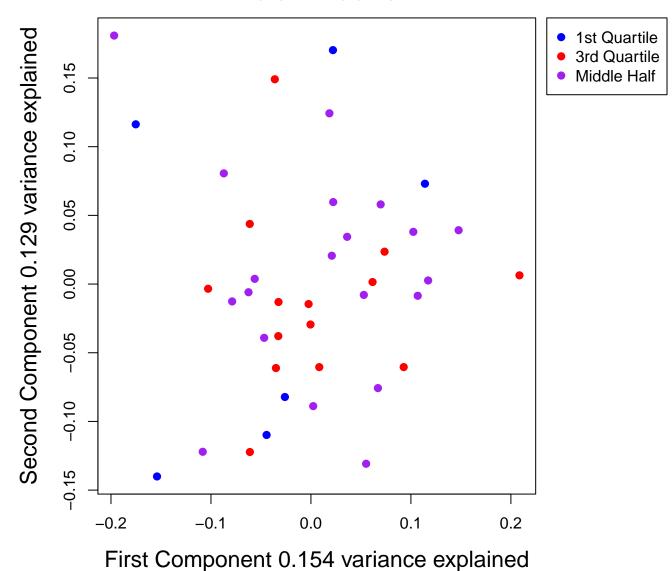


#### Weighted UniFrac Pack Years

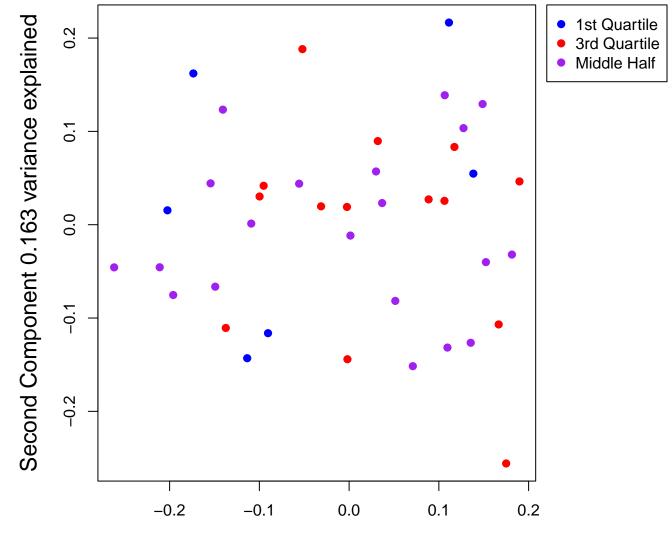


First Component 0.248 variance explained

## Information UniFrac Pack Years

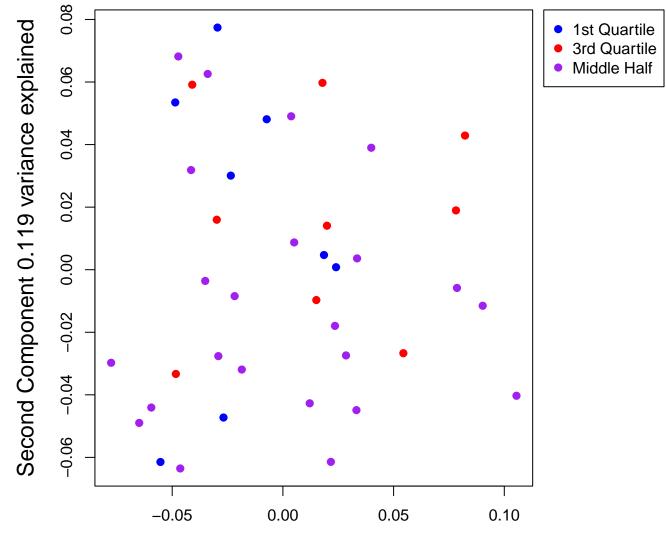


#### Ratio UniFrac Pack Years



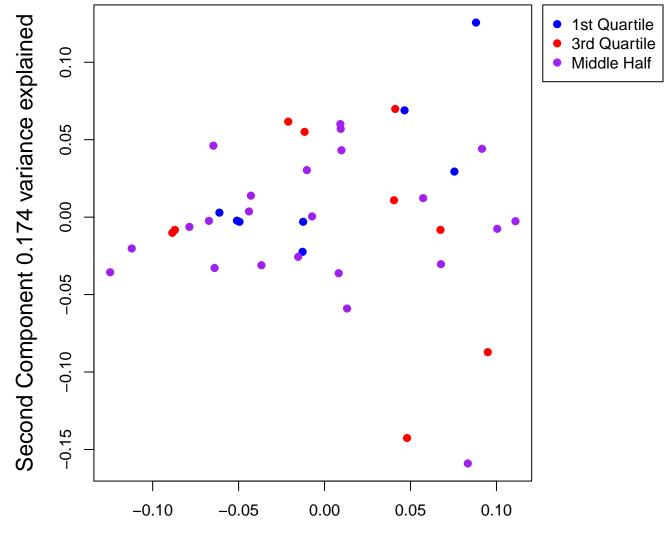
First Component 0.257 variance explained

## Unweighted UniFrac Systolic Blood Pressure



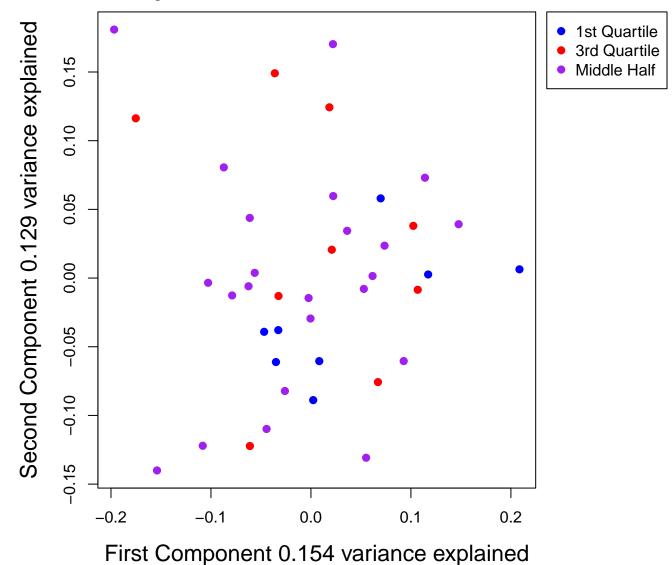
First Component 0.157 variance explained

### Weighted UniFrac Systolic Blood Pressure

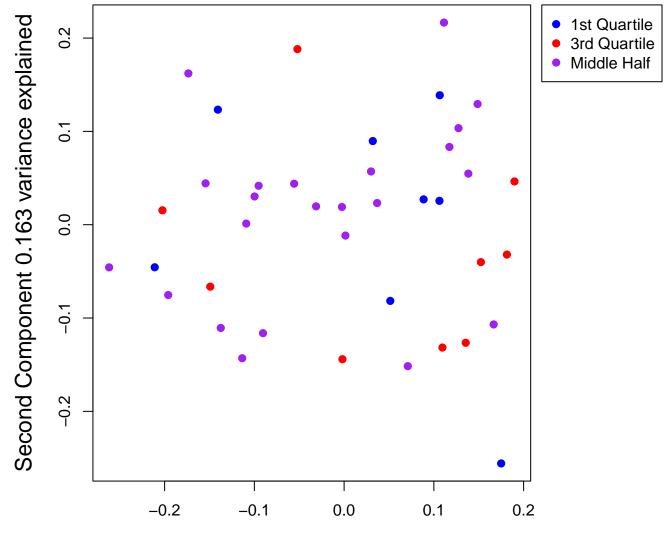


First Component 0.248 variance explained

### Information UniFrac Systolic Blood Pressure

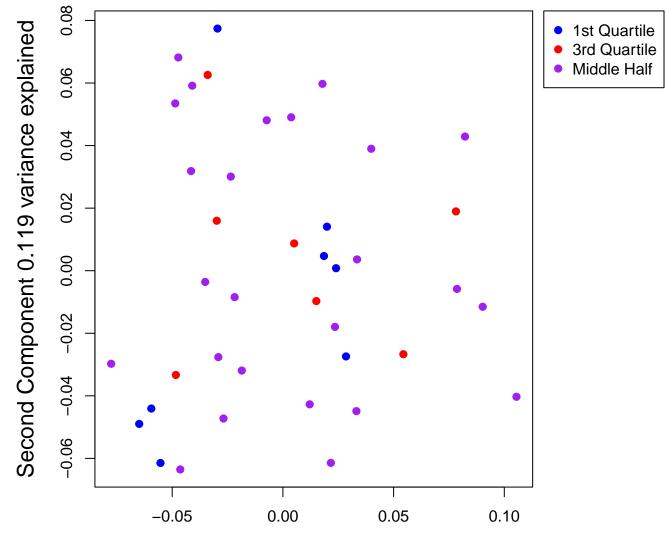


### Ratio UniFrac Systolic Blood Pressure



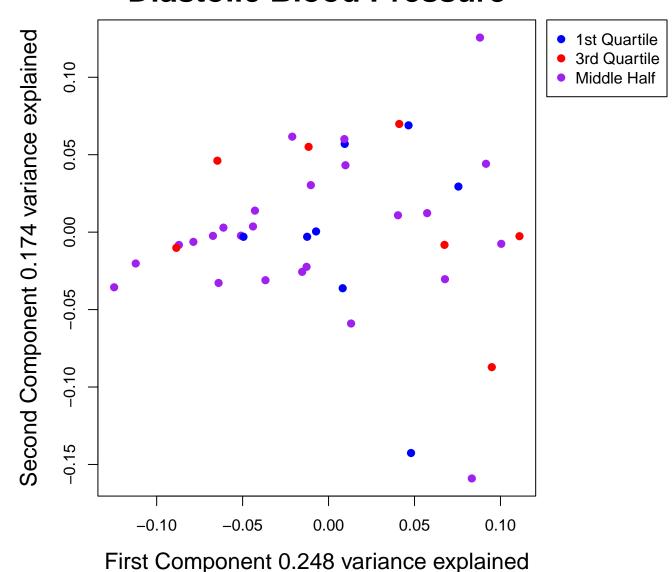
First Component 0.257 variance explained

## Unweighted UniFrac Diastolic Blood Pressure

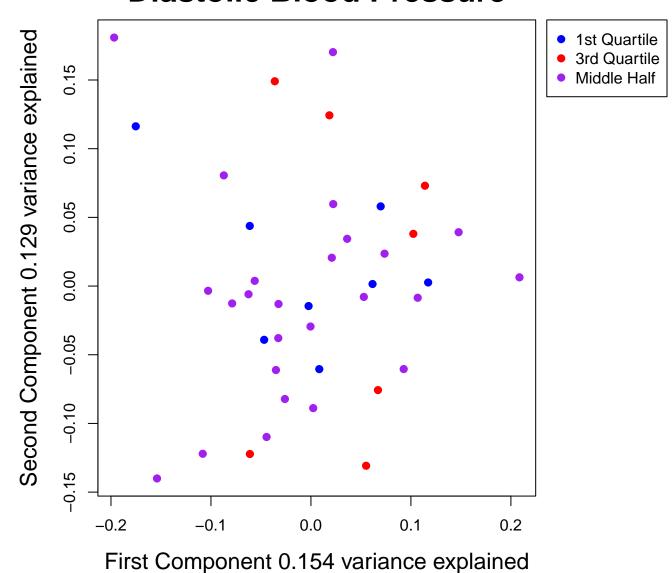


First Component 0.157 variance explained

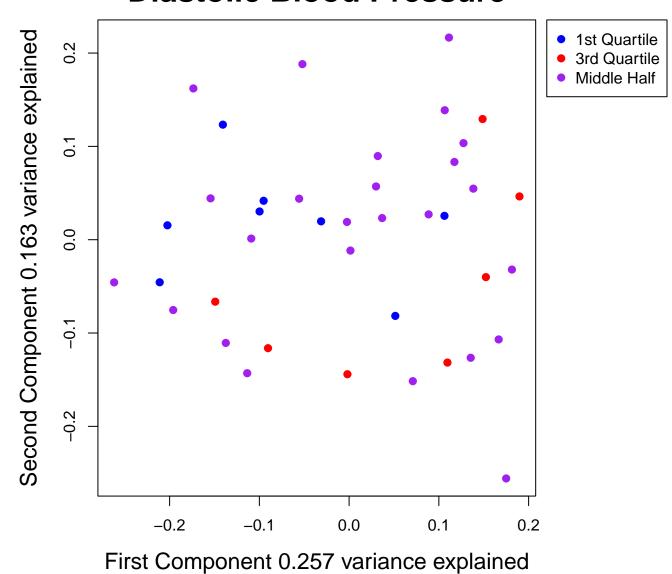
## Weighted UniFrac Diastolic Blood Pressure



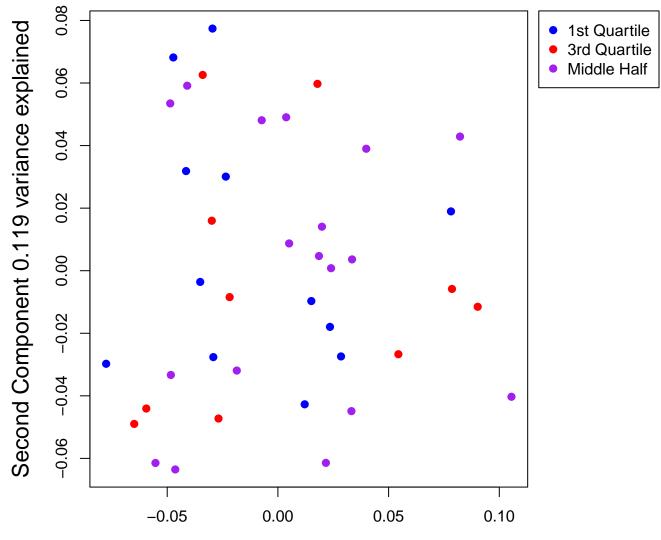
## Information UniFrac Diastolic Blood Pressure



## Ratio UniFrac Diastolic Blood Pressure

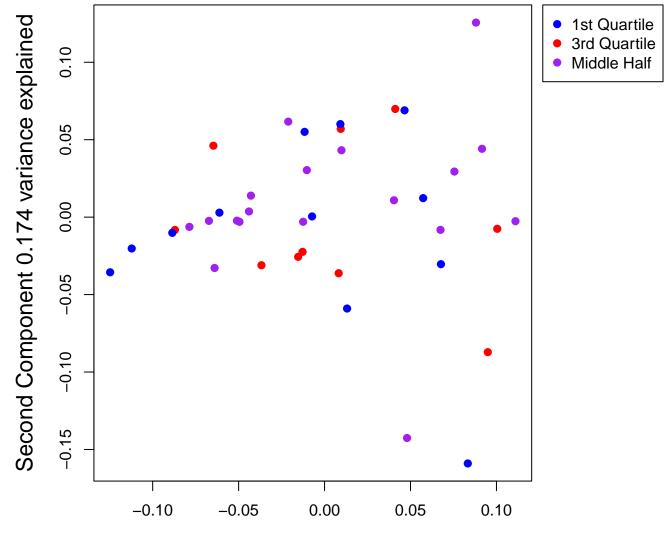


#### Unweighted UniFrac Cholesterol



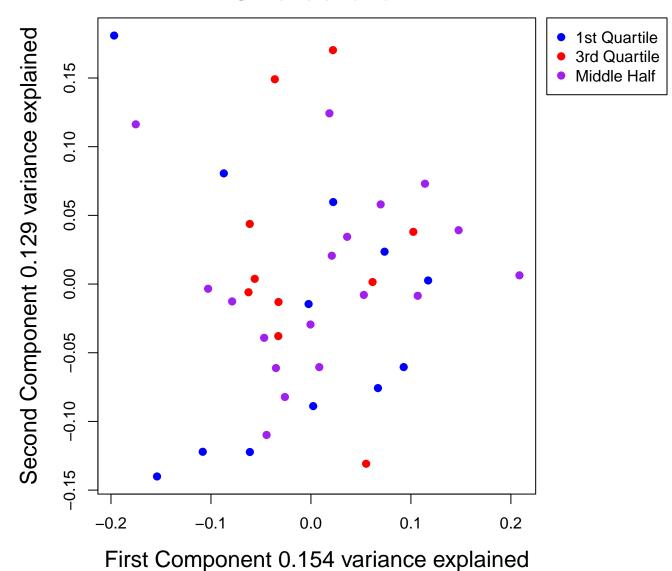
First Component 0.157 variance explained

#### Weighted UniFrac Cholesterol

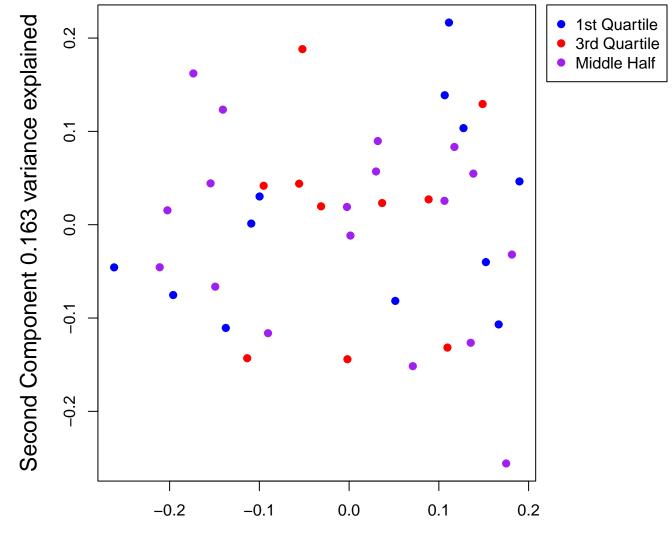


First Component 0.248 variance explained

#### Information UniFrac Cholesterol

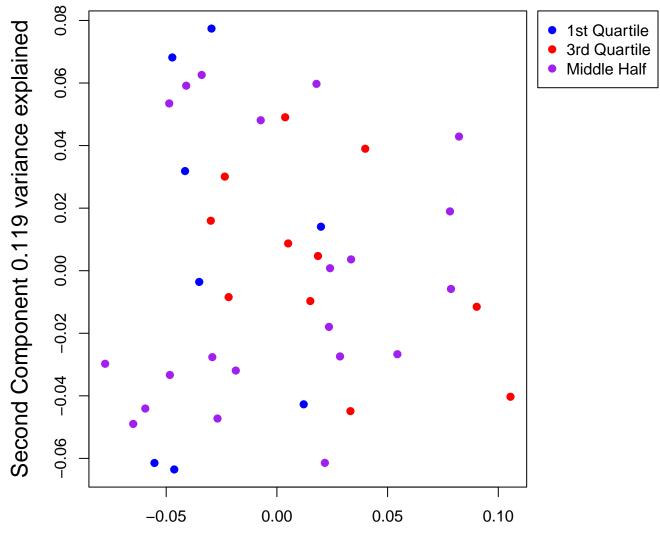


#### Ratio UniFrac Cholesterol



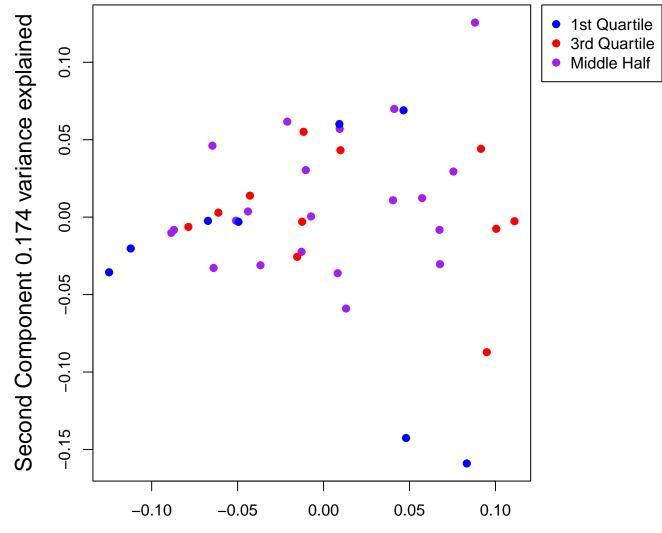
First Component 0.257 variance explained

## Unweighted UniFrac Triglycerides



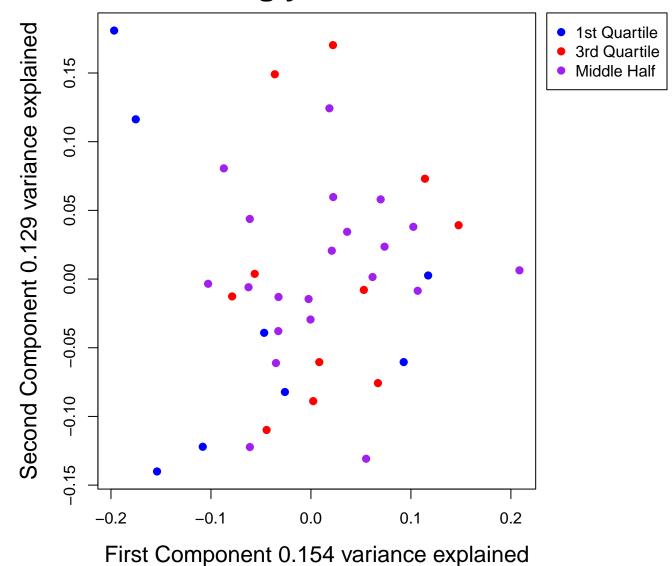
First Component 0.157 variance explained

## Weighted UniFrac Triglycerides

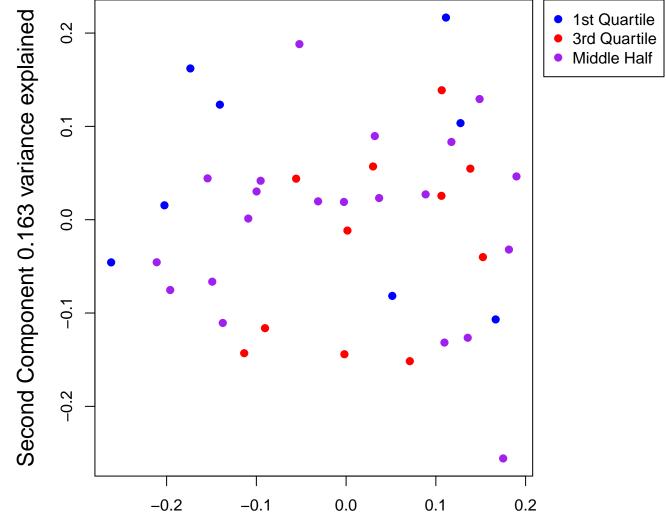


First Component 0.248 variance explained

# Information UniFrac Triglycerides

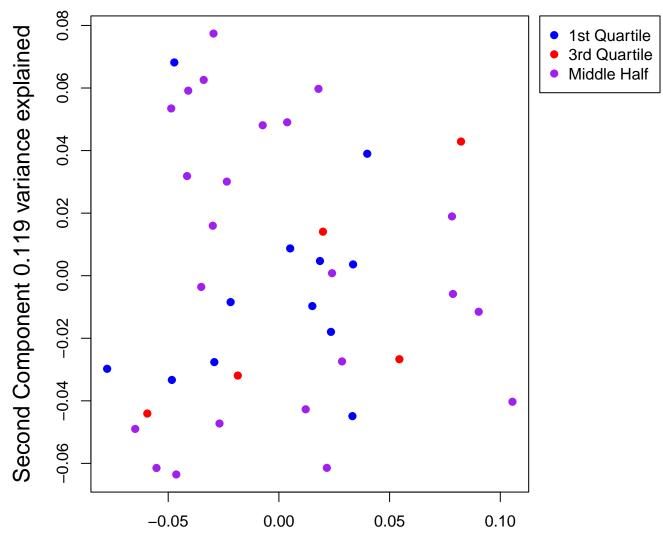


## Ratio UniFrac Triglycerides



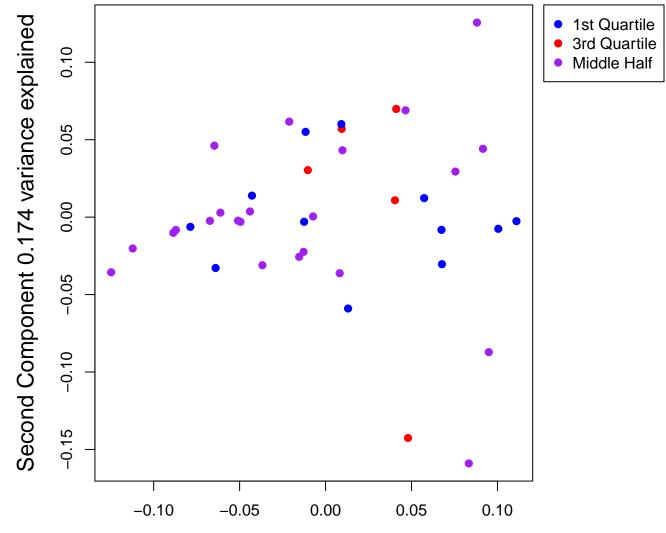
First Component 0.257 variance explained

### Unweighted UniFrac HDL



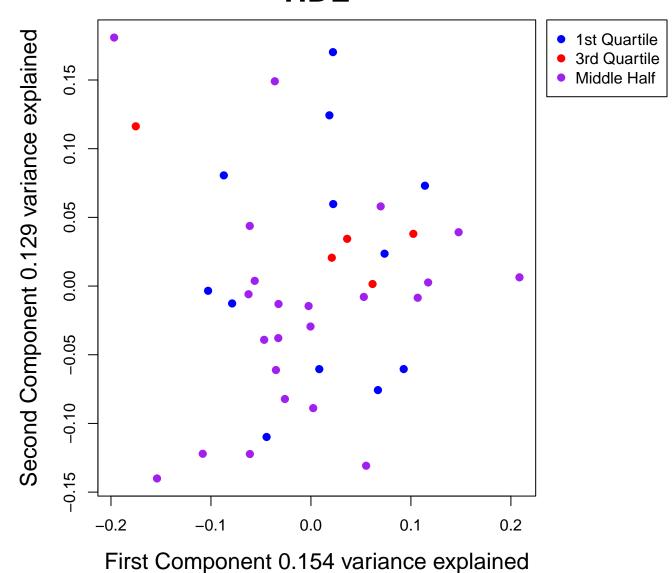
First Component 0.157 variance explained

### Weighted UniFrac HDL

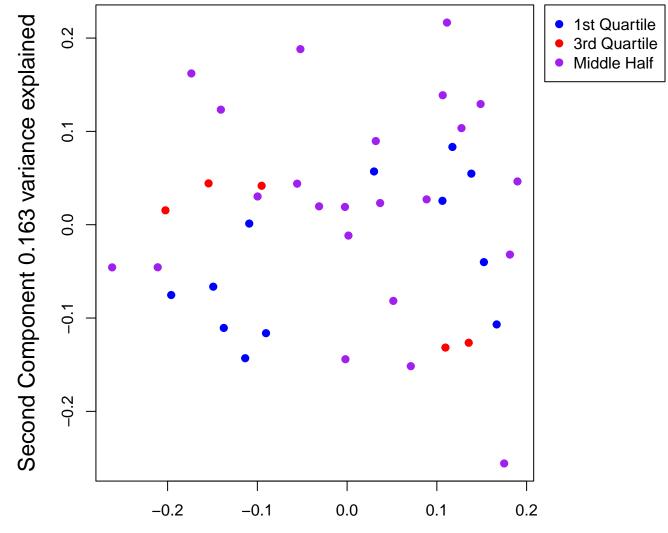


First Component 0.248 variance explained

# Information UniFrac HDL

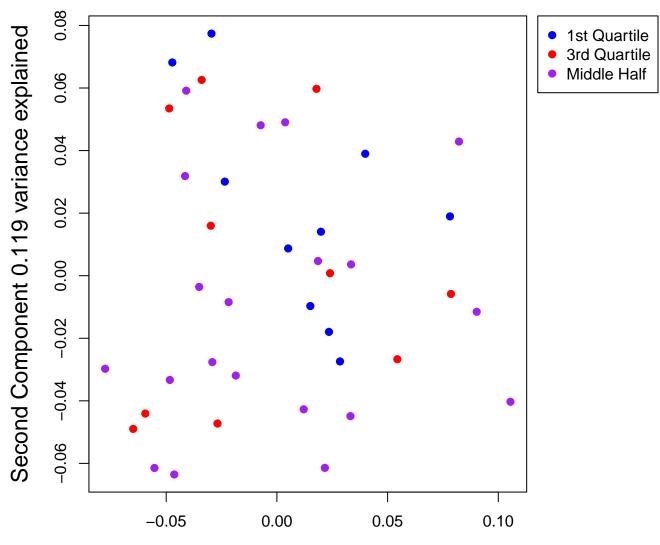


### Ratio UniFrac HDL



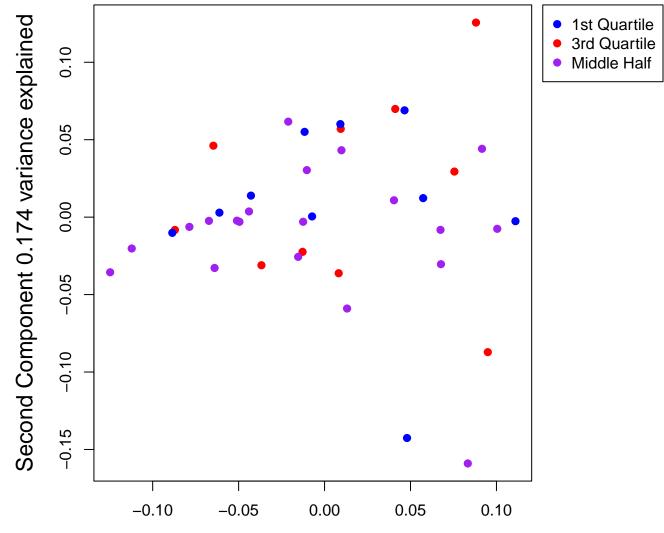
First Component 0.257 variance explained

### Unweighted UniFrac LDL



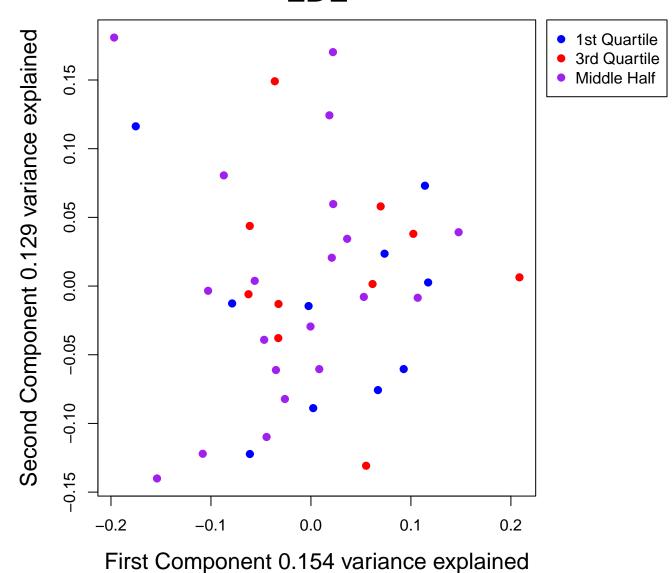
First Component 0.157 variance explained

### Weighted UniFrac LDL

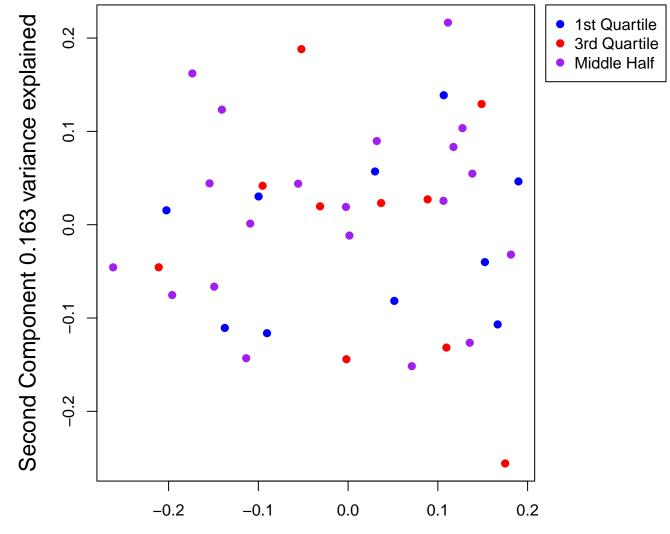


First Component 0.248 variance explained

# Information UniFrac LDL



### Ratio UniFrac LDL



First Component 0.257 variance explained