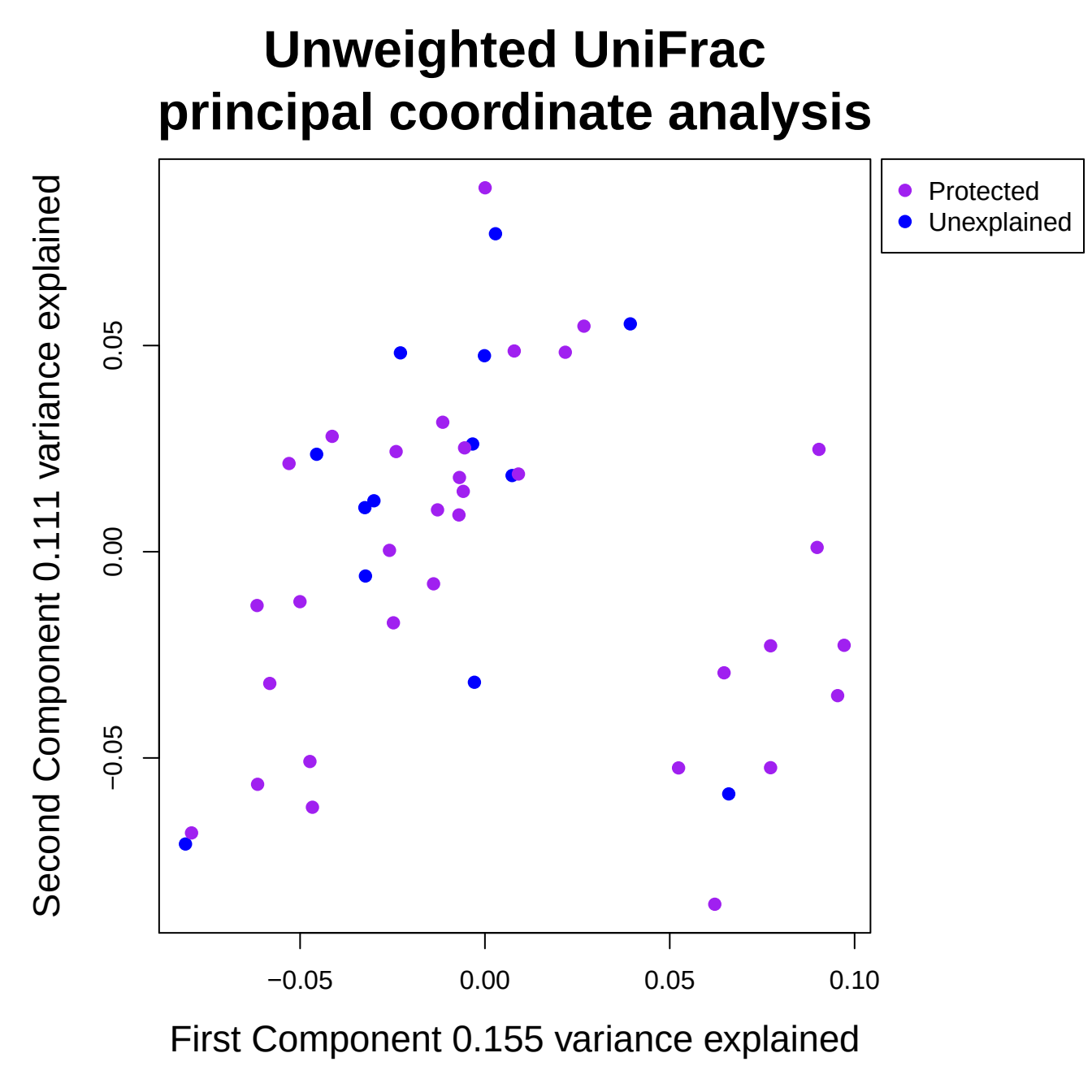
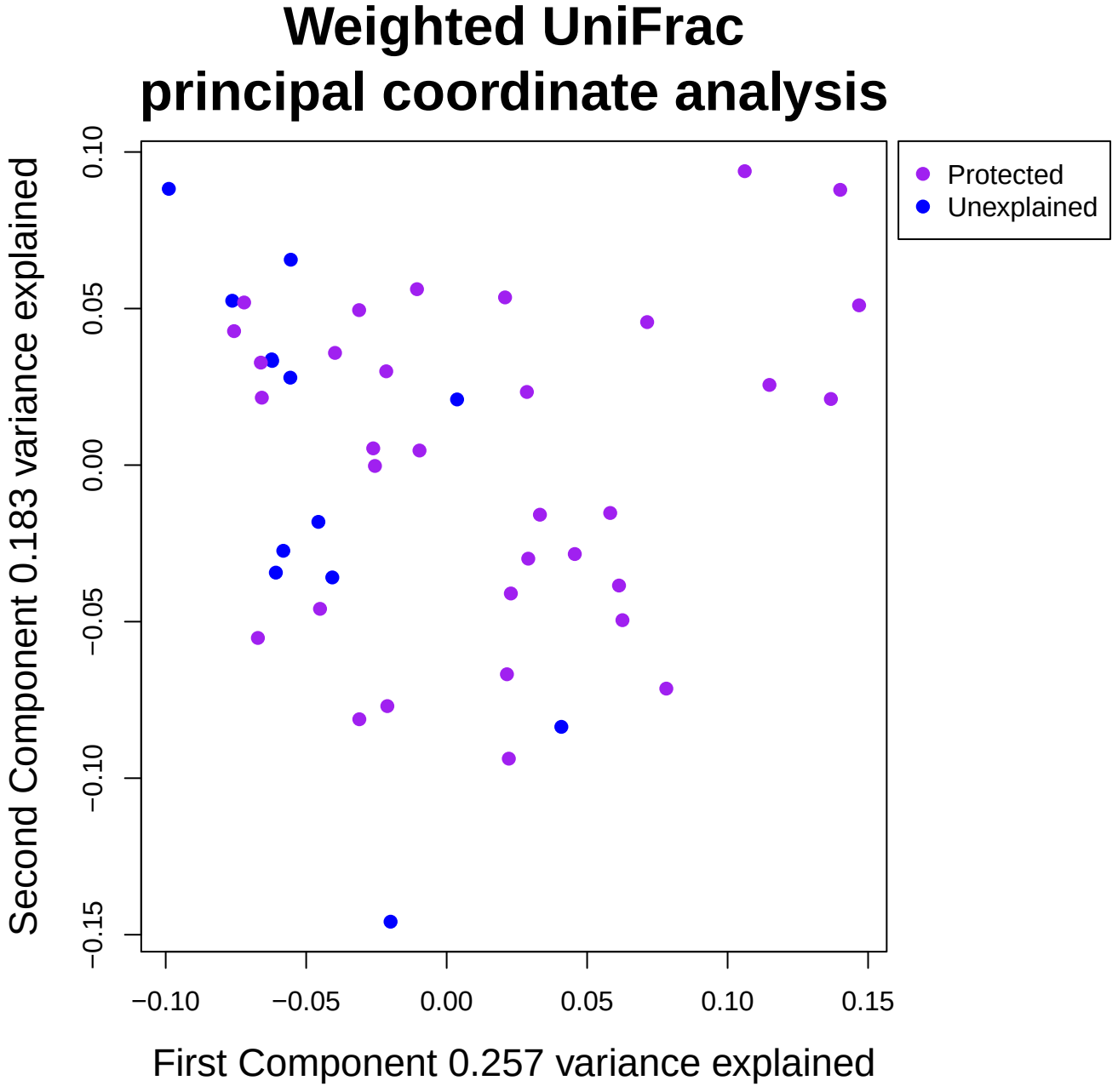
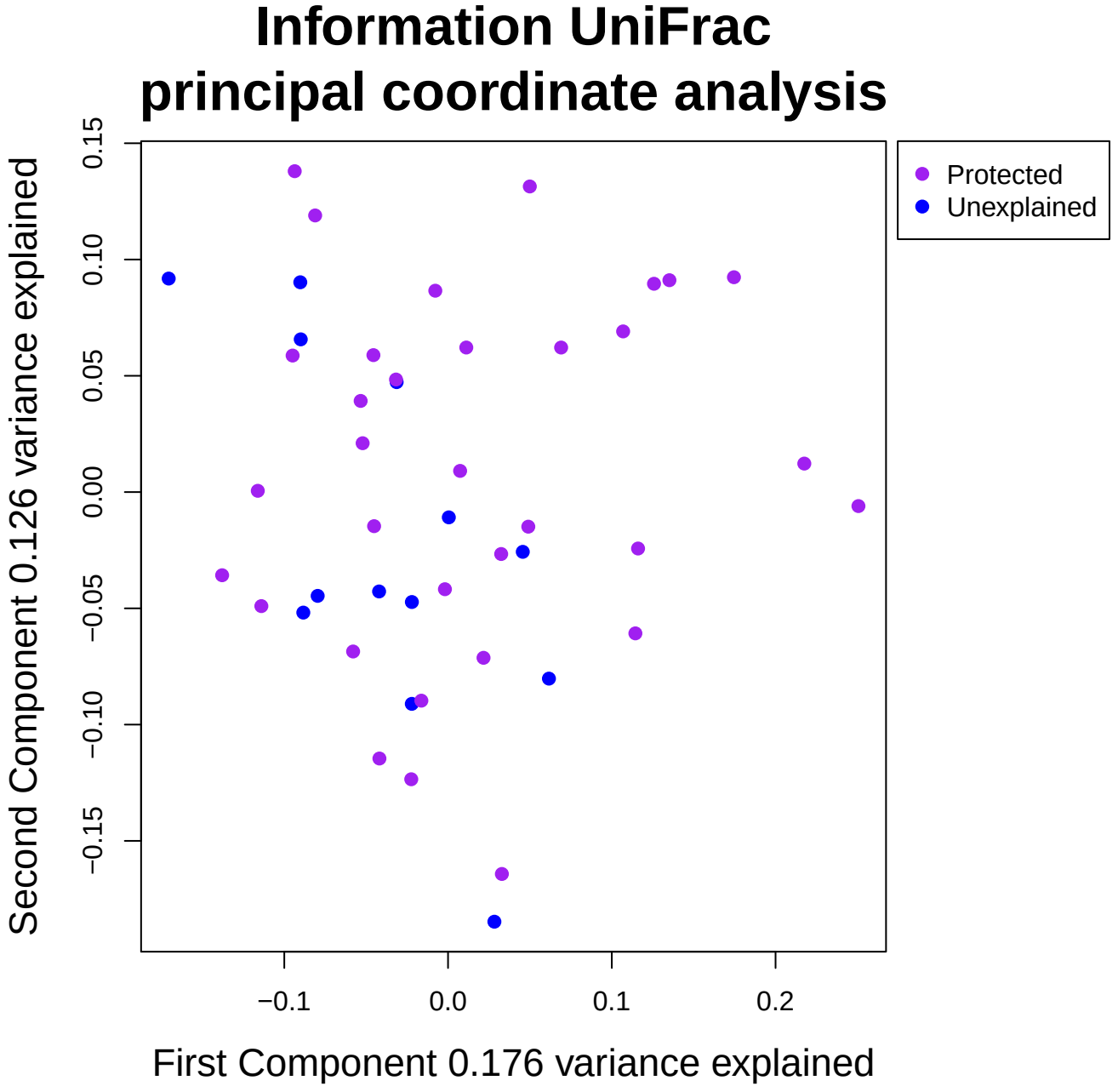
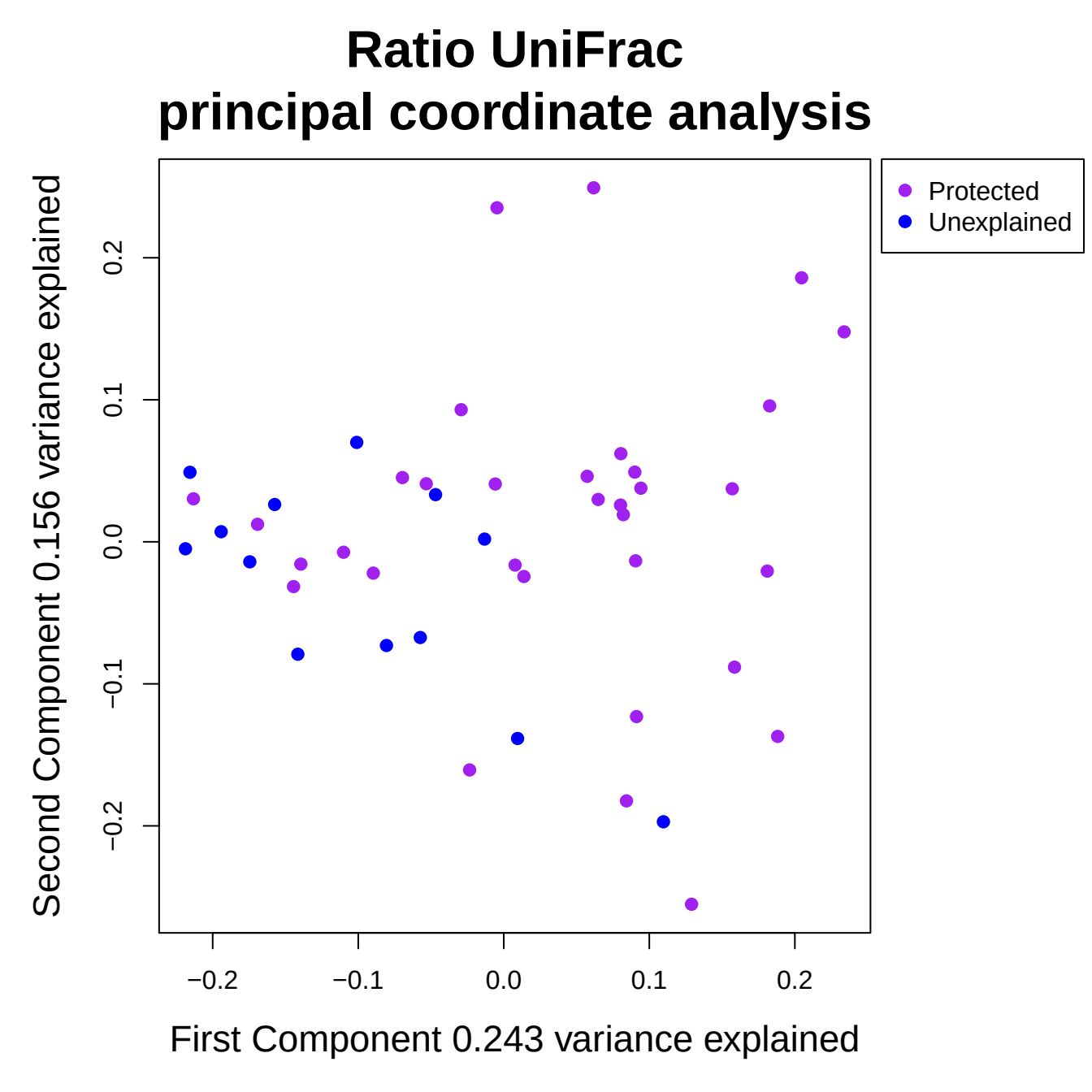
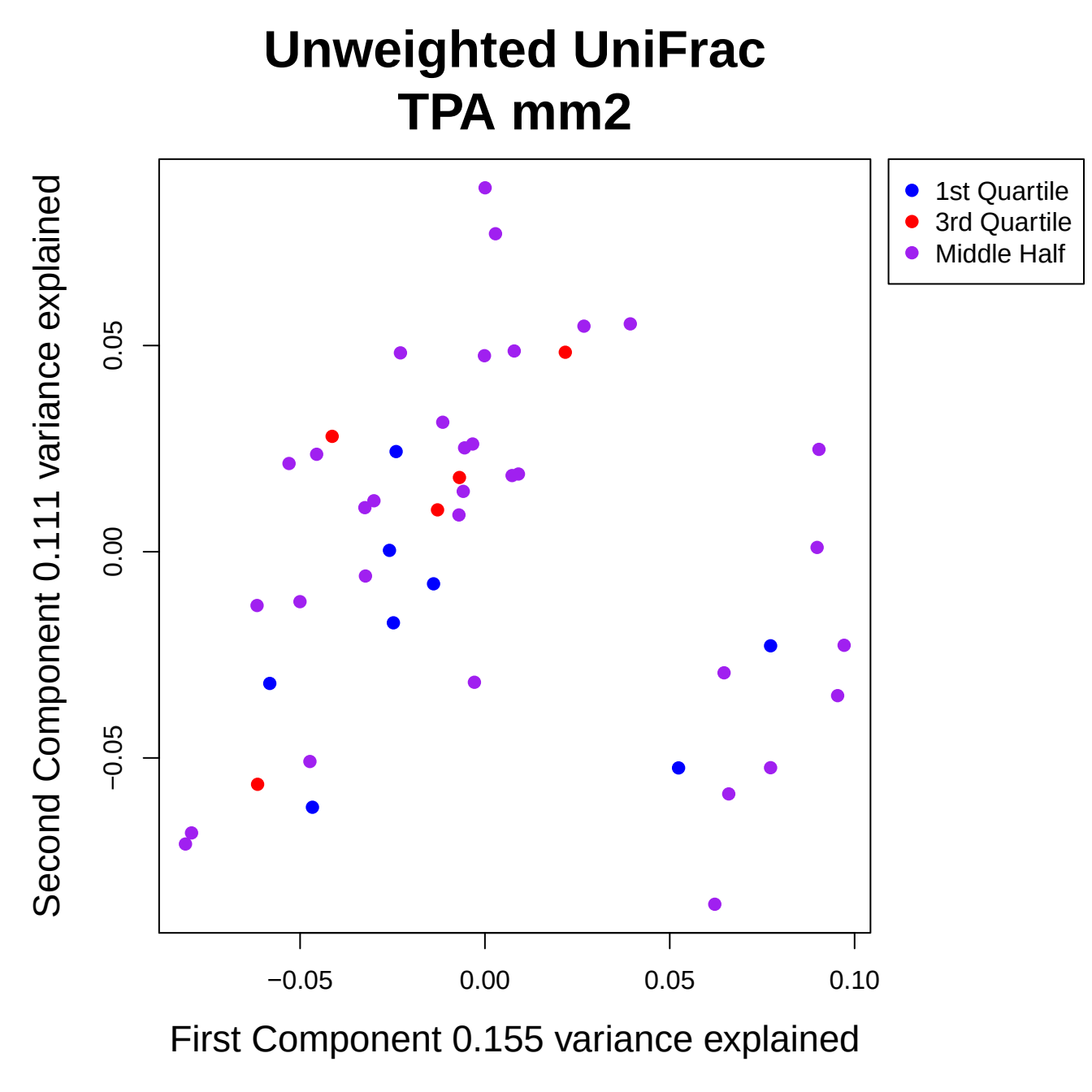
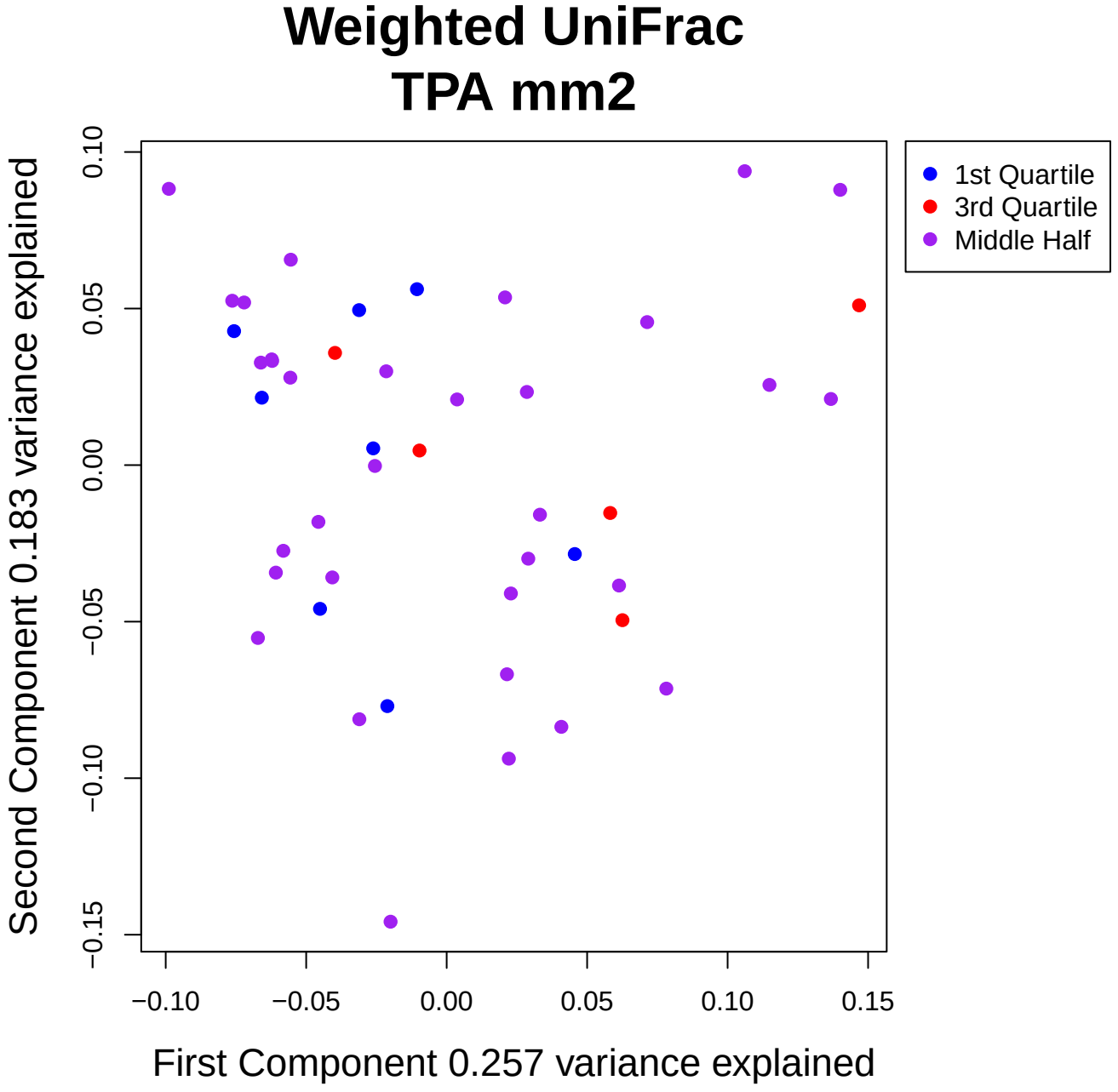

Unweighted UniFrac
principal coordinate analysis
Protected
Unexplained
Second Component 0.111 variance explained
0.05
0.00
−0.05
−0.05
0.00
0.05
0.10
First Component 0.155 variance explained

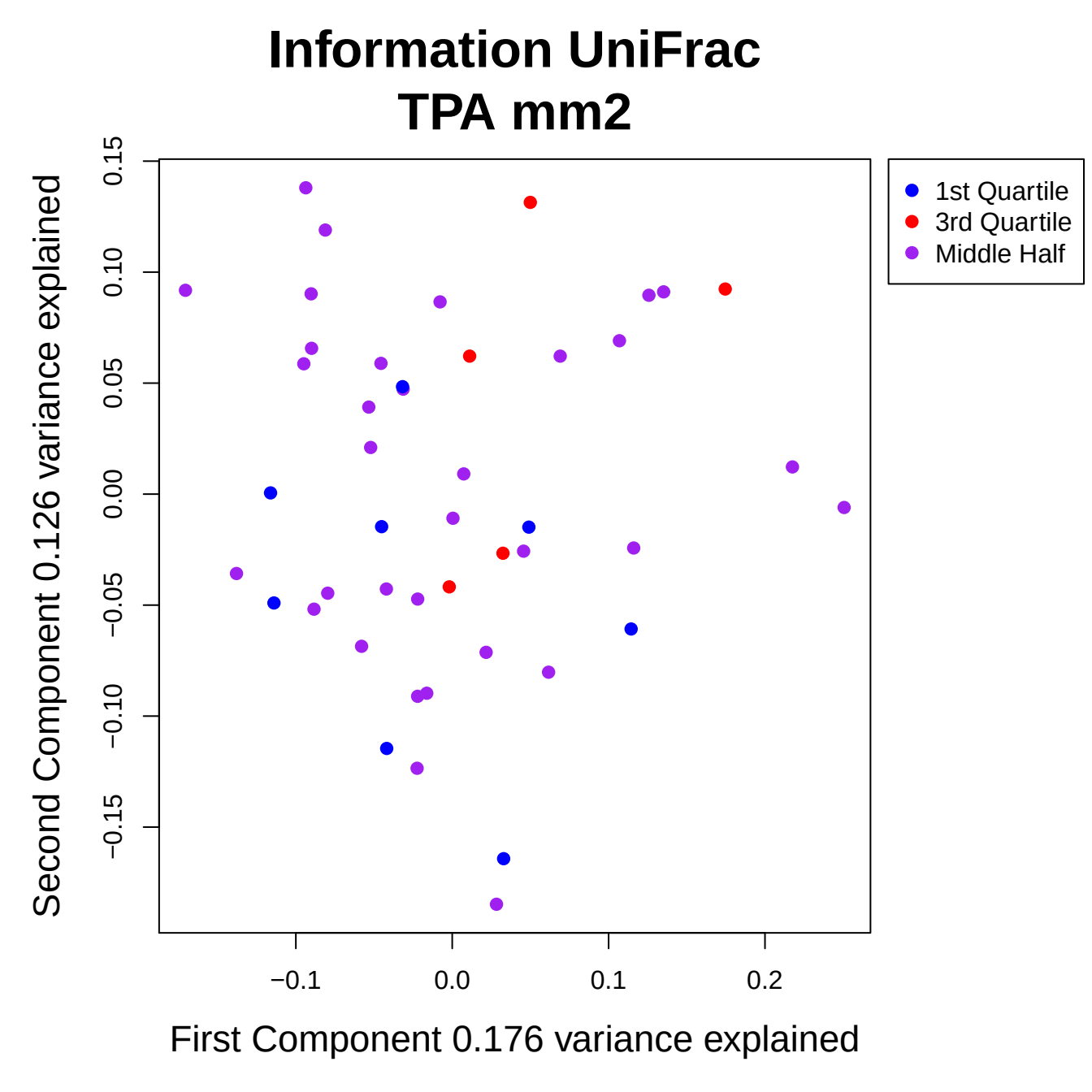

Weighted UniFrac
principal coordinate analysis
Protected
Unexplained
Second Component 0.183 variance explained
First Component 0.257 variance explained
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

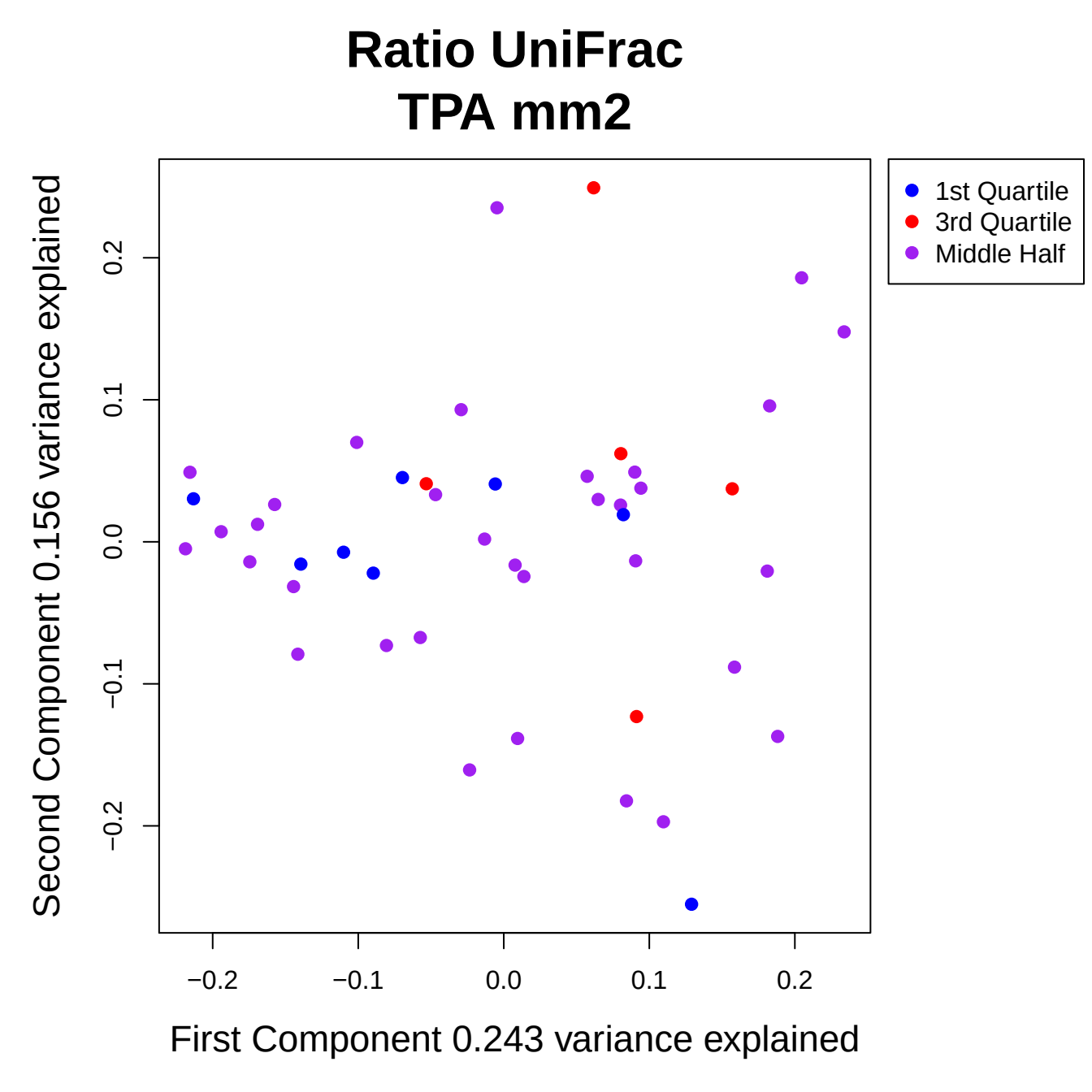

Information UniFrac
principal coordinate analysis
Protected
Unexplained
Second Component 0.126 variance explained
First Component 0.176 variance explained
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2

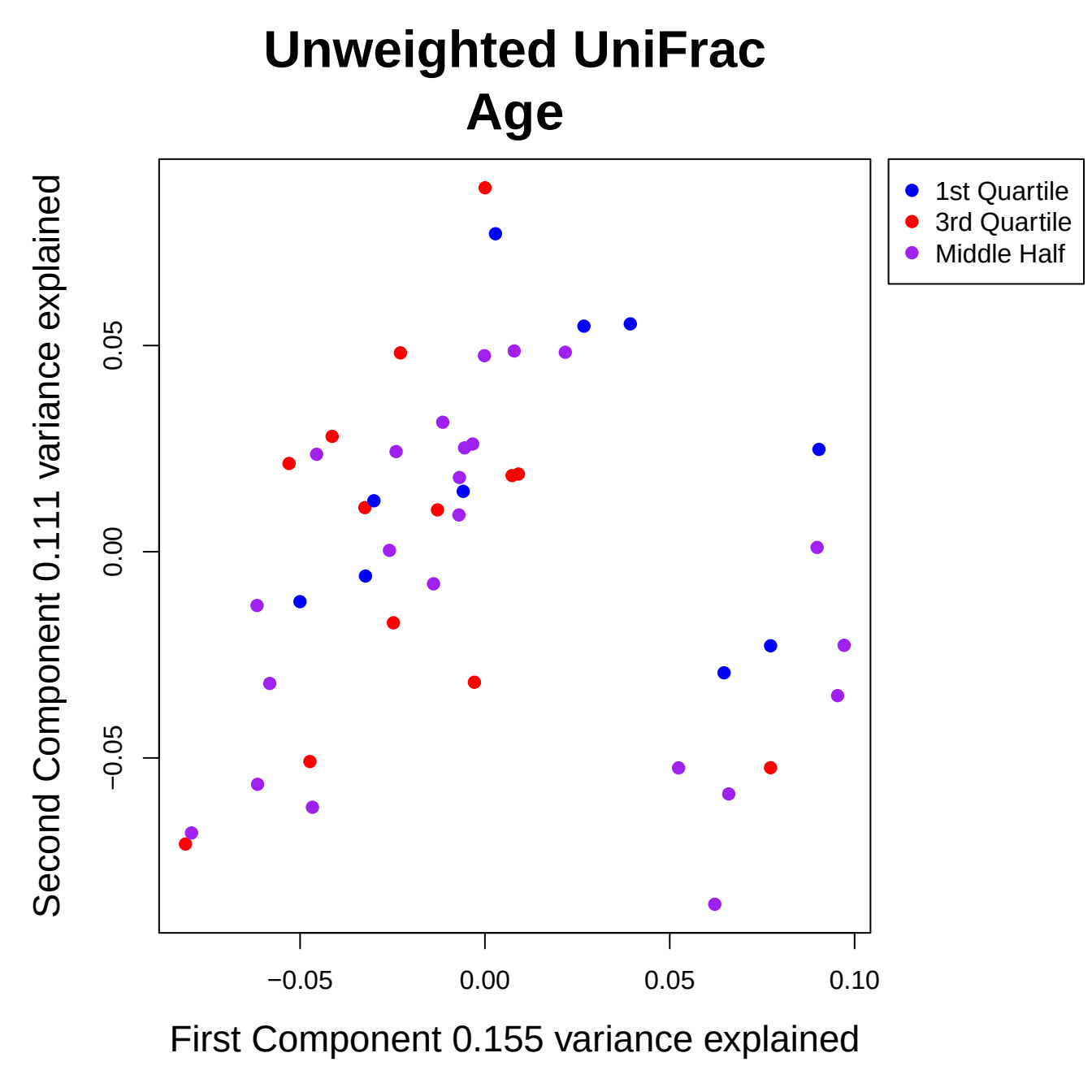

Ratio UniFrac
principal coordinate analysis
Protected
Unexplained
Second Component 0.156 variance explained
First Component 0.243 variance explained
−0.2
−0.1
0.0
0.1
0.2

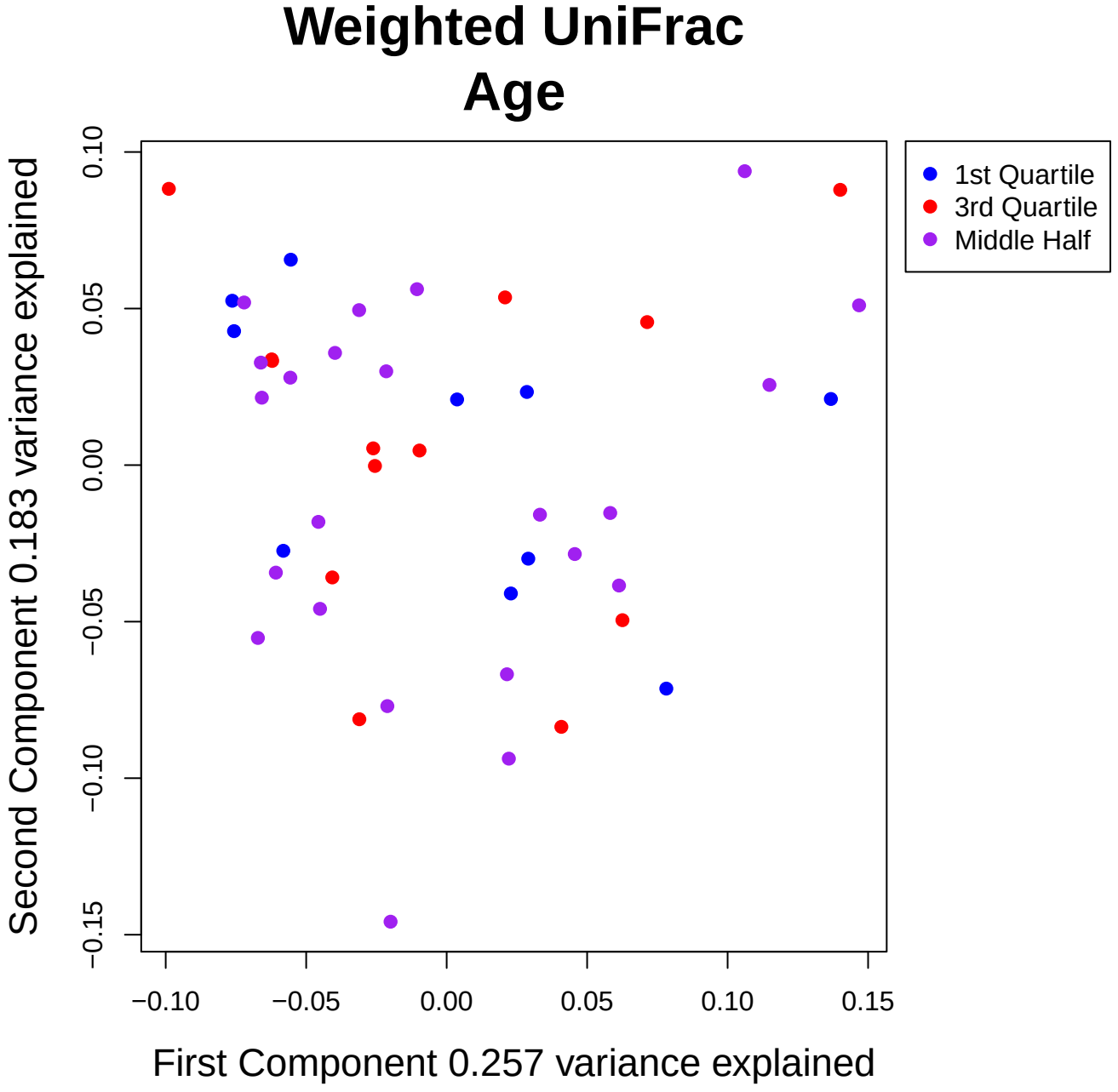

Unweighted UniFrac
TPA mm2
1st Quartile
3rd Quartile
Middle Half
Second Component 0.111 variance explained
First Component 0.155 variance explained
0.05
0.00
−0.05
−0.05
0.00
0.05
0.10

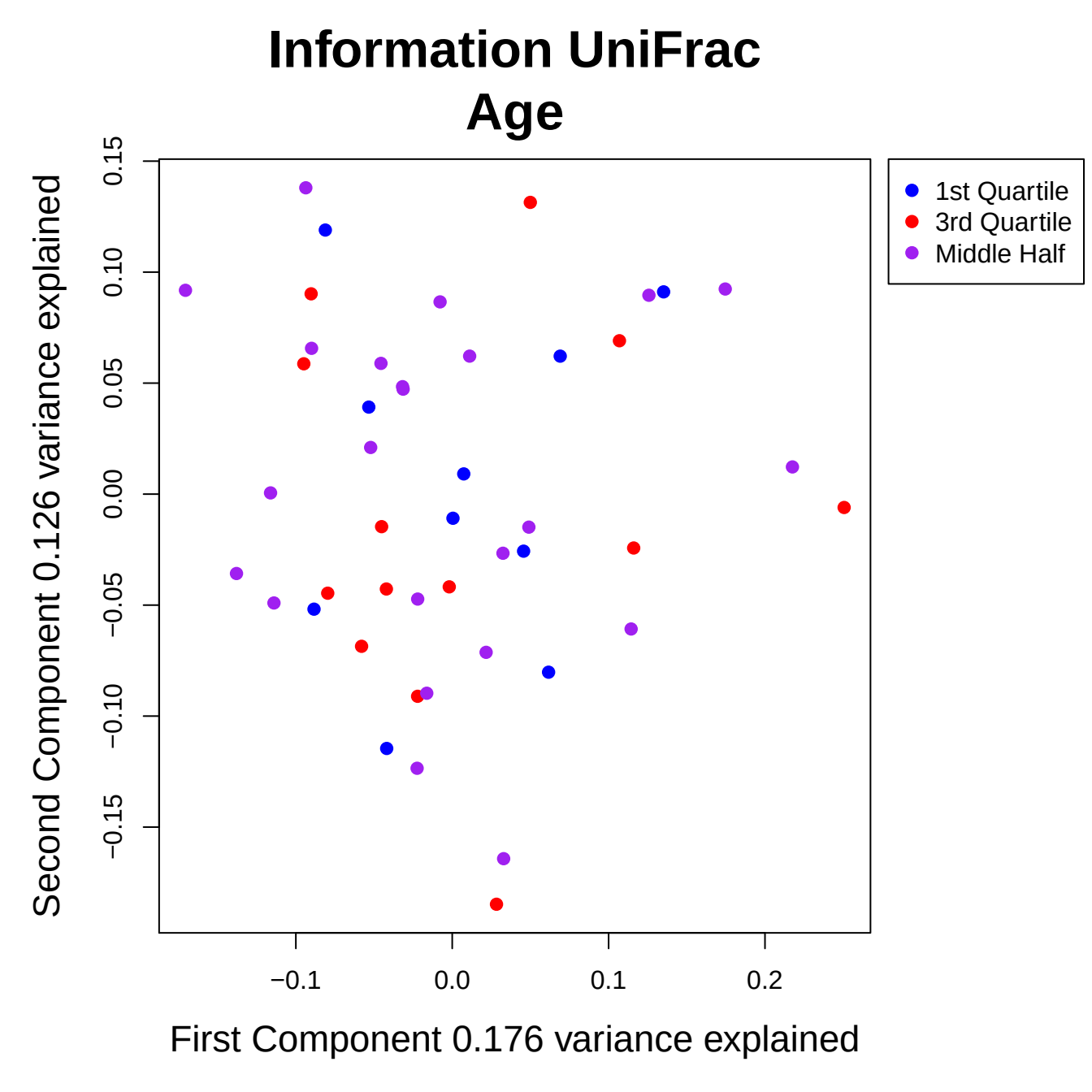

Weighted UniFrac
TPA mm2
1st Quartile
3rd Quartile
Middle Half
Second Component 0.183 variance explained
First Component 0.257 variance explained
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

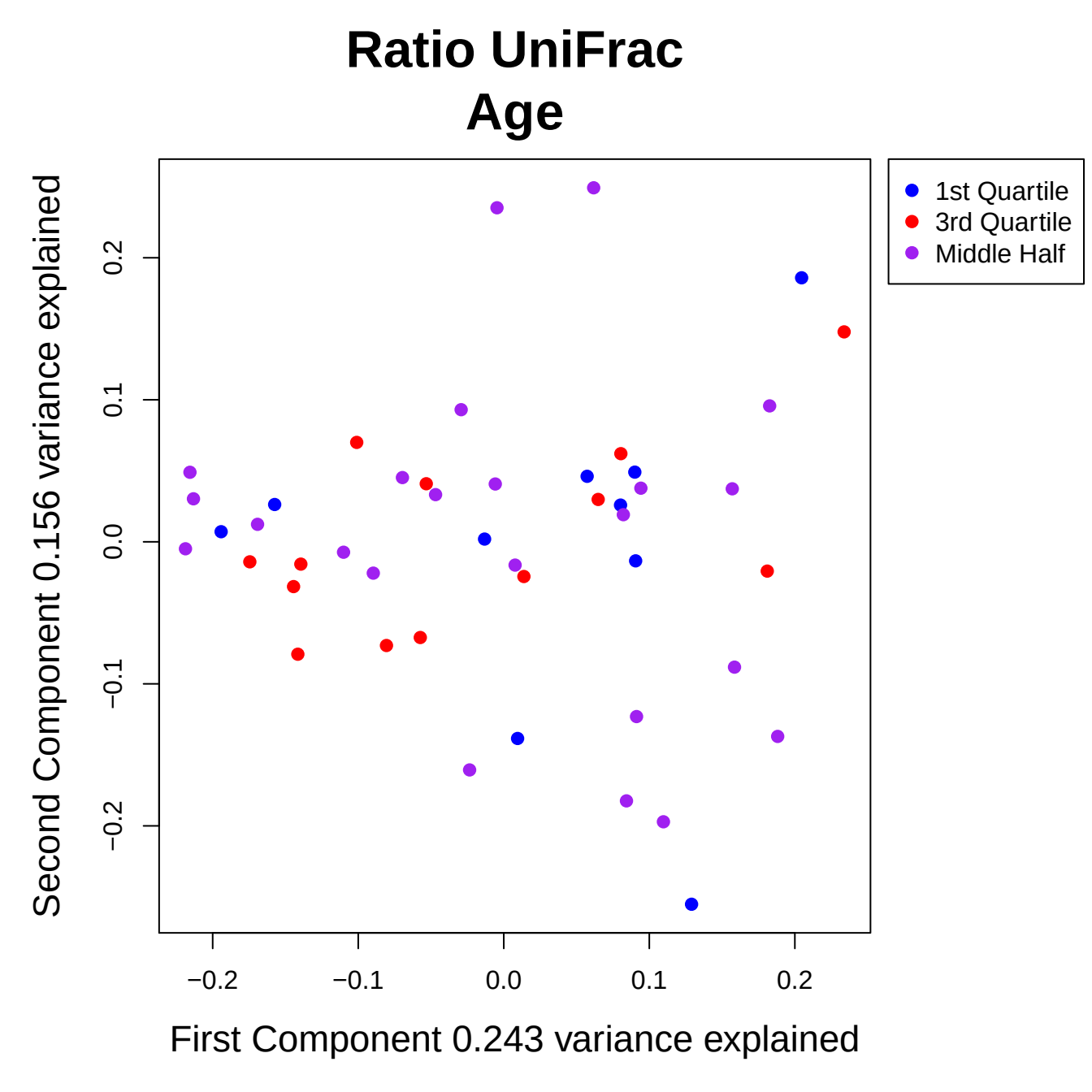

Information UniFrac
TPA mm2
Second Component 0.126 variance explained
First Component 0.176 variance explained
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2
1st Quartile
3rd Quartile
Middle Half

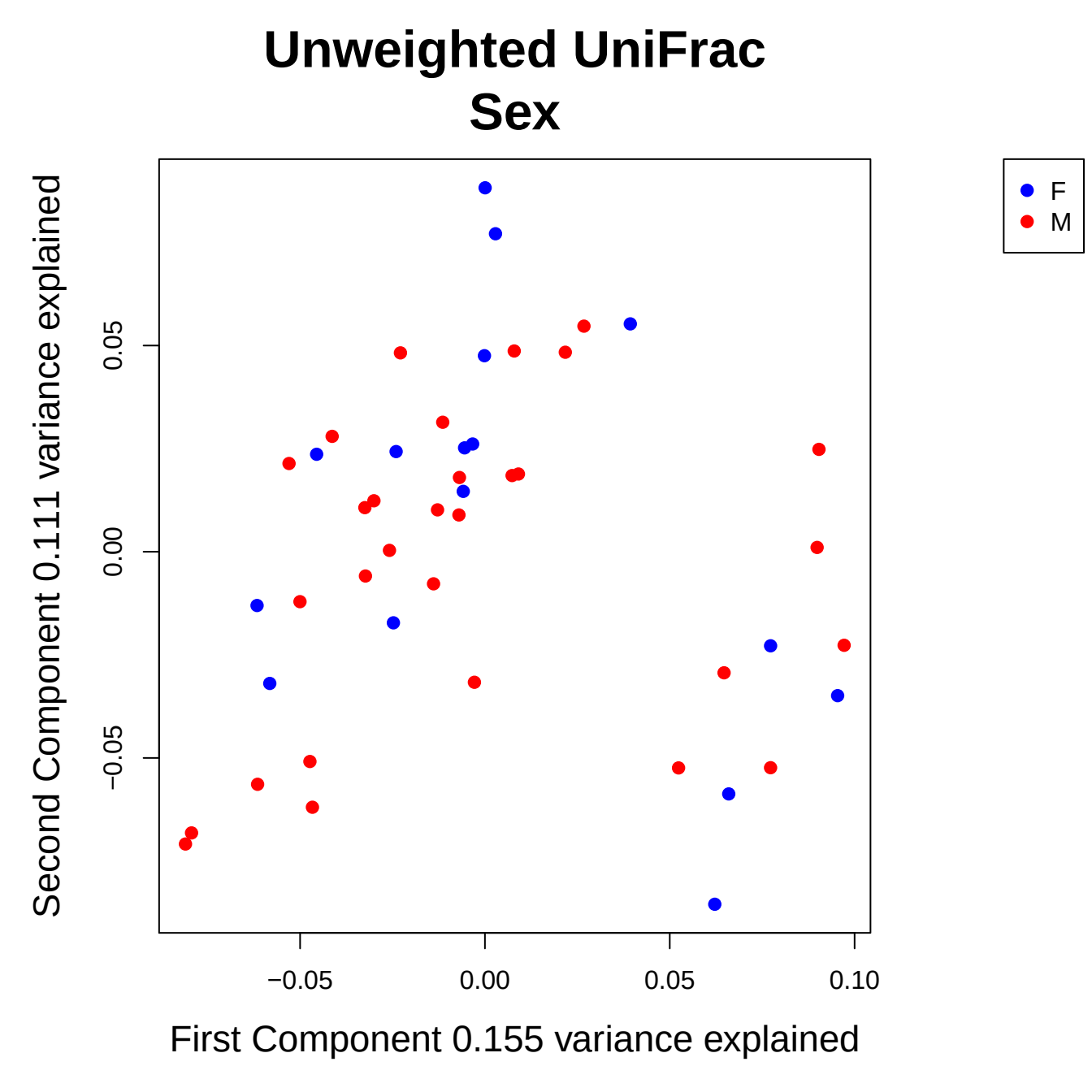

Ratio UniFrac
TPA mm2
1st Quartile
3rd Quartile
Middle Half
Second Component 0.156 variance explained
First Component 0.243 variance explained
−0.2
−0.1
0.0
0.1
0.2

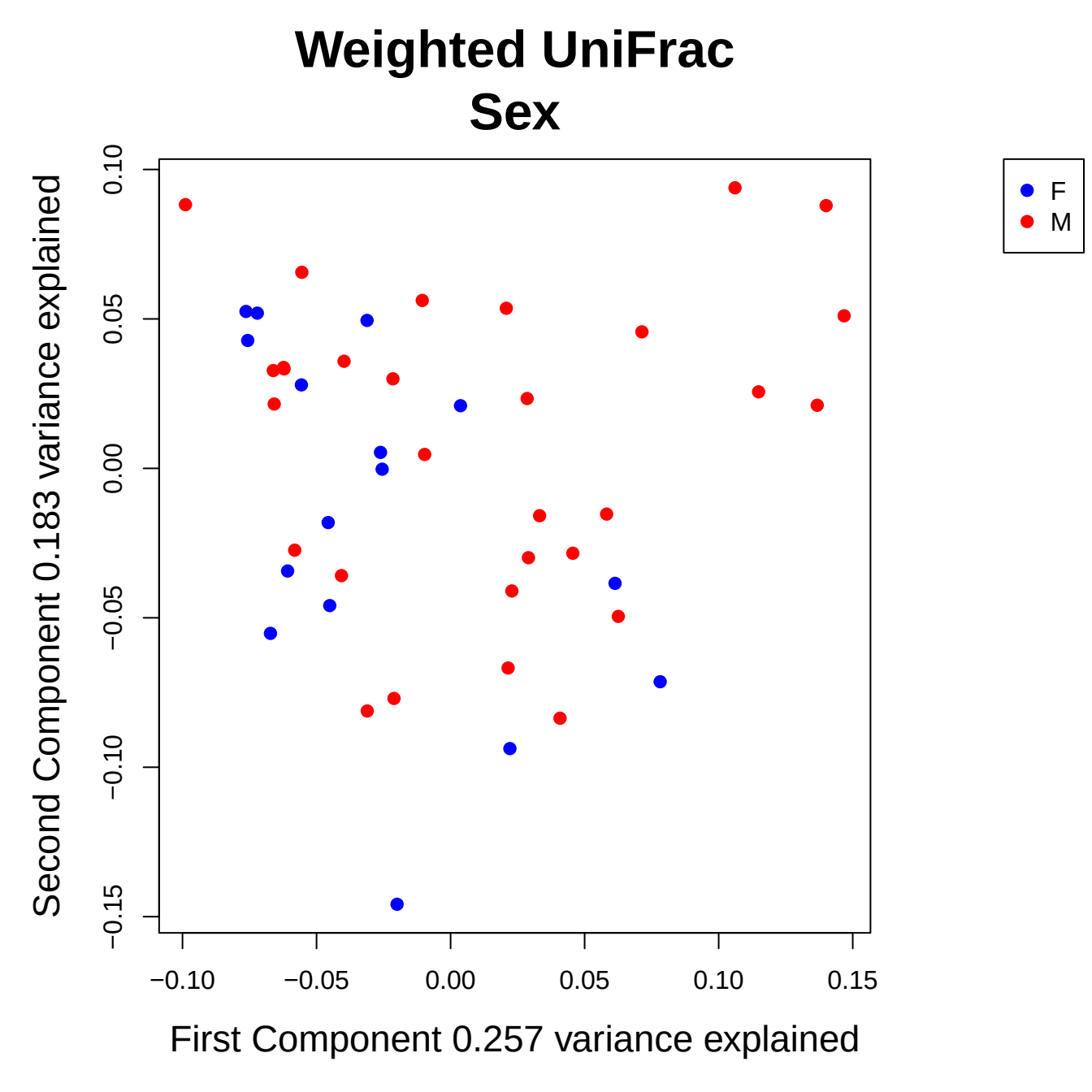

Unweighted UniFrac
Age
1st Quartile
3rd Quartile
Middle Half
Second Component 0.111 variance explained
First Component 0.155 variance explained
0.05
0.00
−0.05
−0.05
0.00
0.05
0.10

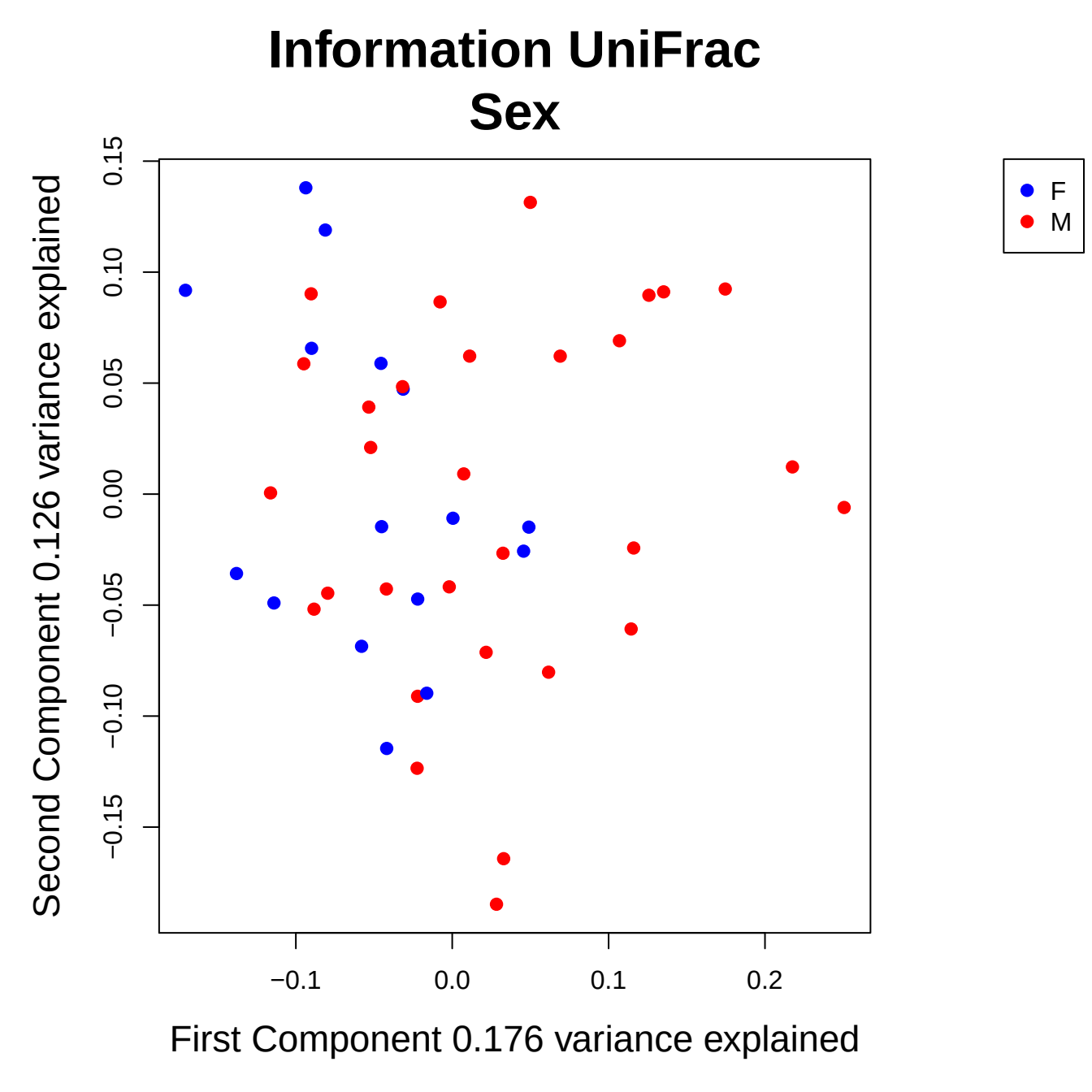

Weighted UniFrac
Age
Second Component 0.183 variance explained
First Component 0.257 variance explained
1st Quartile
3rd Quartile
Middle Half
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

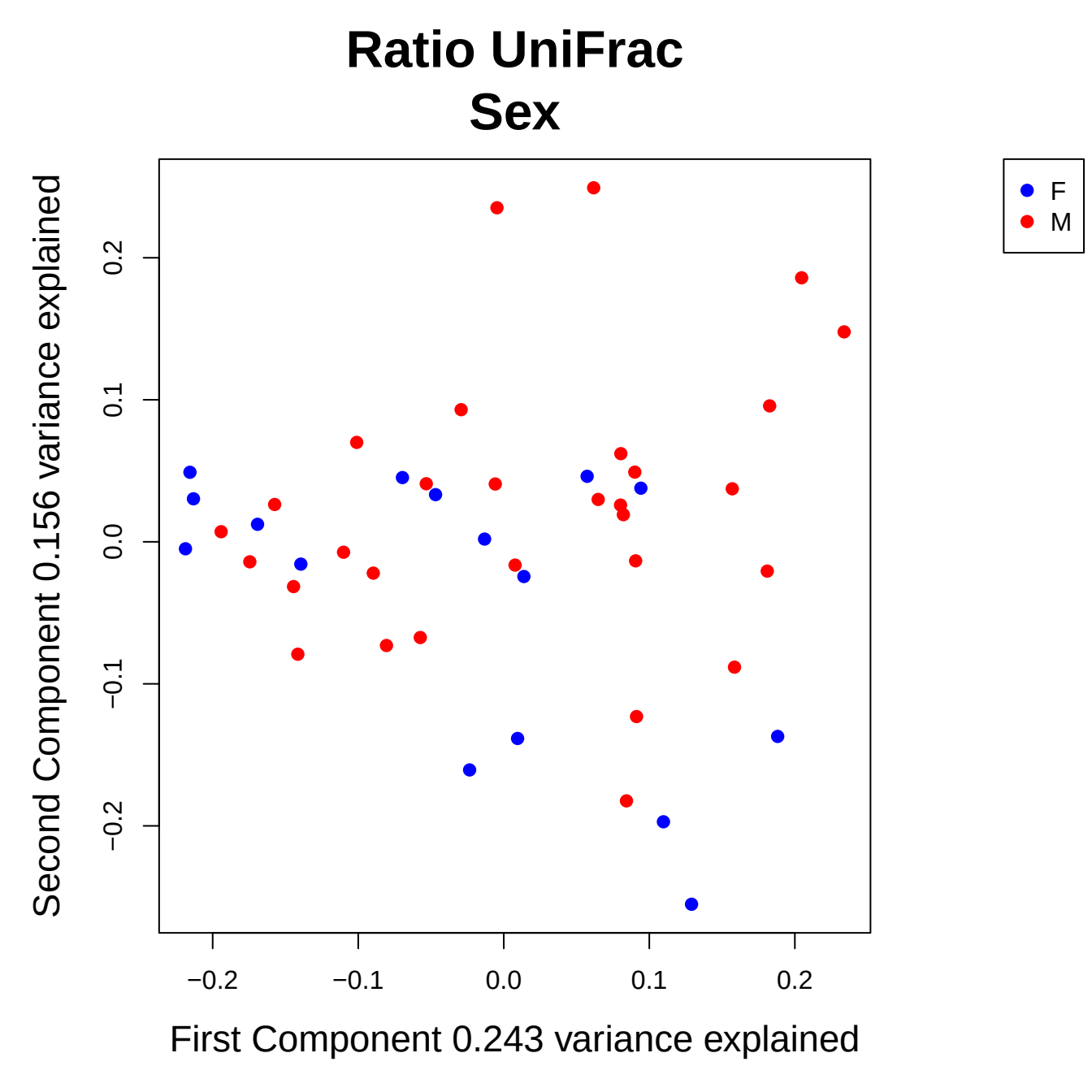

Information UniFrac
Age
Second Component 0.126 variance explained
First Component 0.176 variance explained
1st Quartile
3rd Quartile
Middle Half
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2

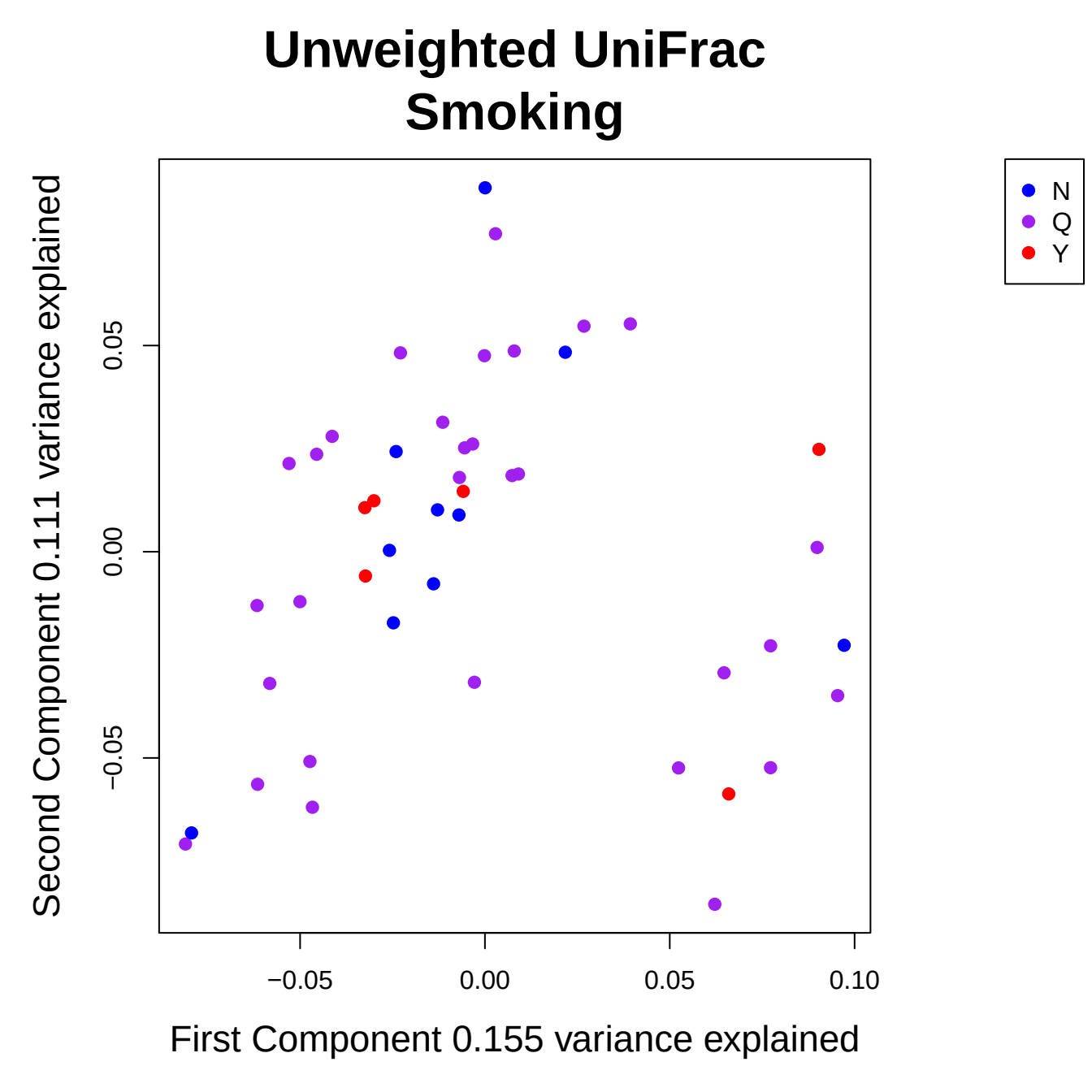

Ratio UniFrac
Age
1st Quartile
3rd Quartile
Middle Half
Second Component 0.156 variance explained
First Component 0.243 variance explained
−0.2
−0.1
0.0
0.1
0.2

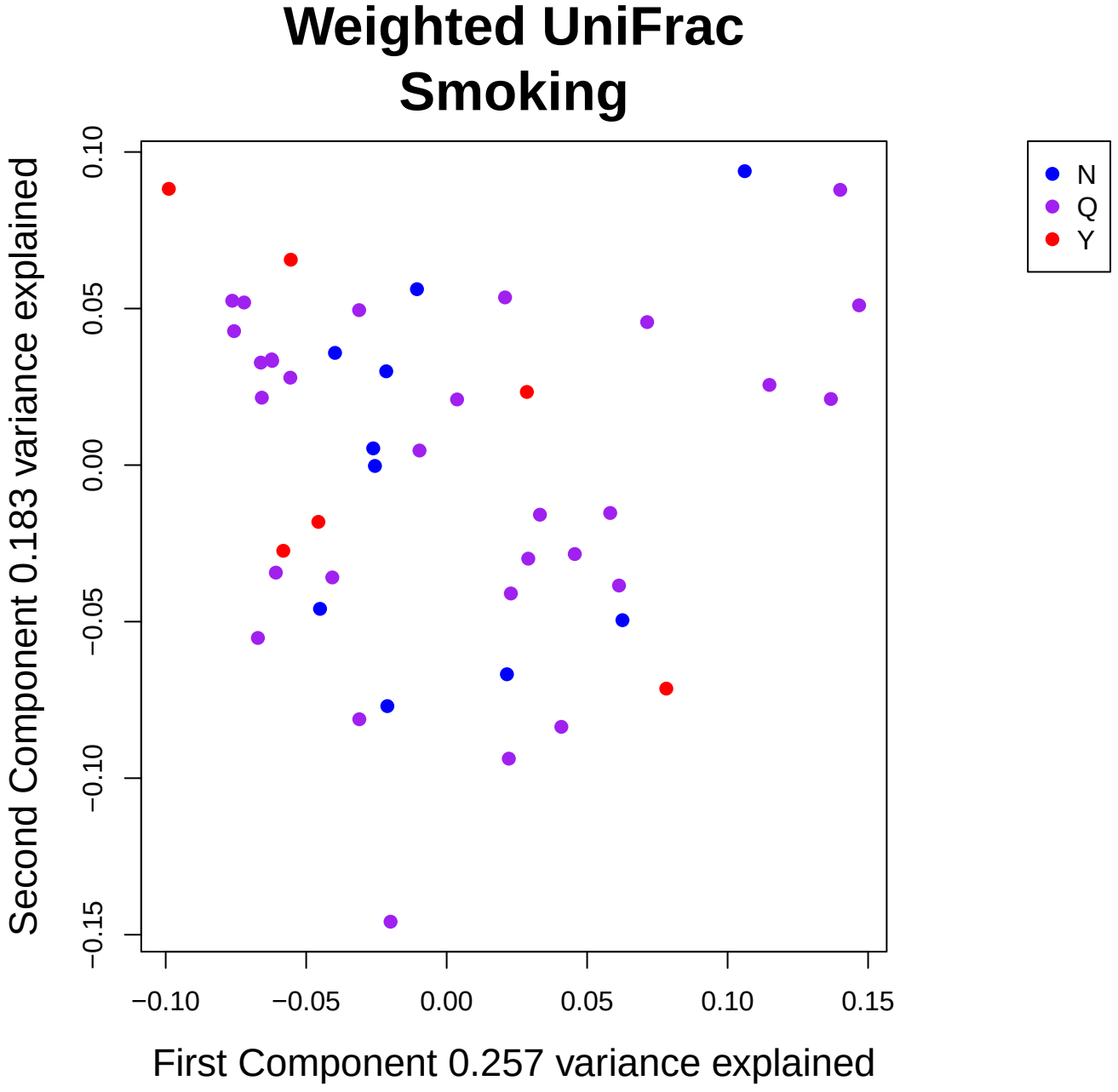

Unweighted UniFrac
Sex
F
M
Second Component 0.111 variance explained
0.05
0.00
−0.05
−0.05
0.00
0.05
0.10
First Component 0.155 variance explained

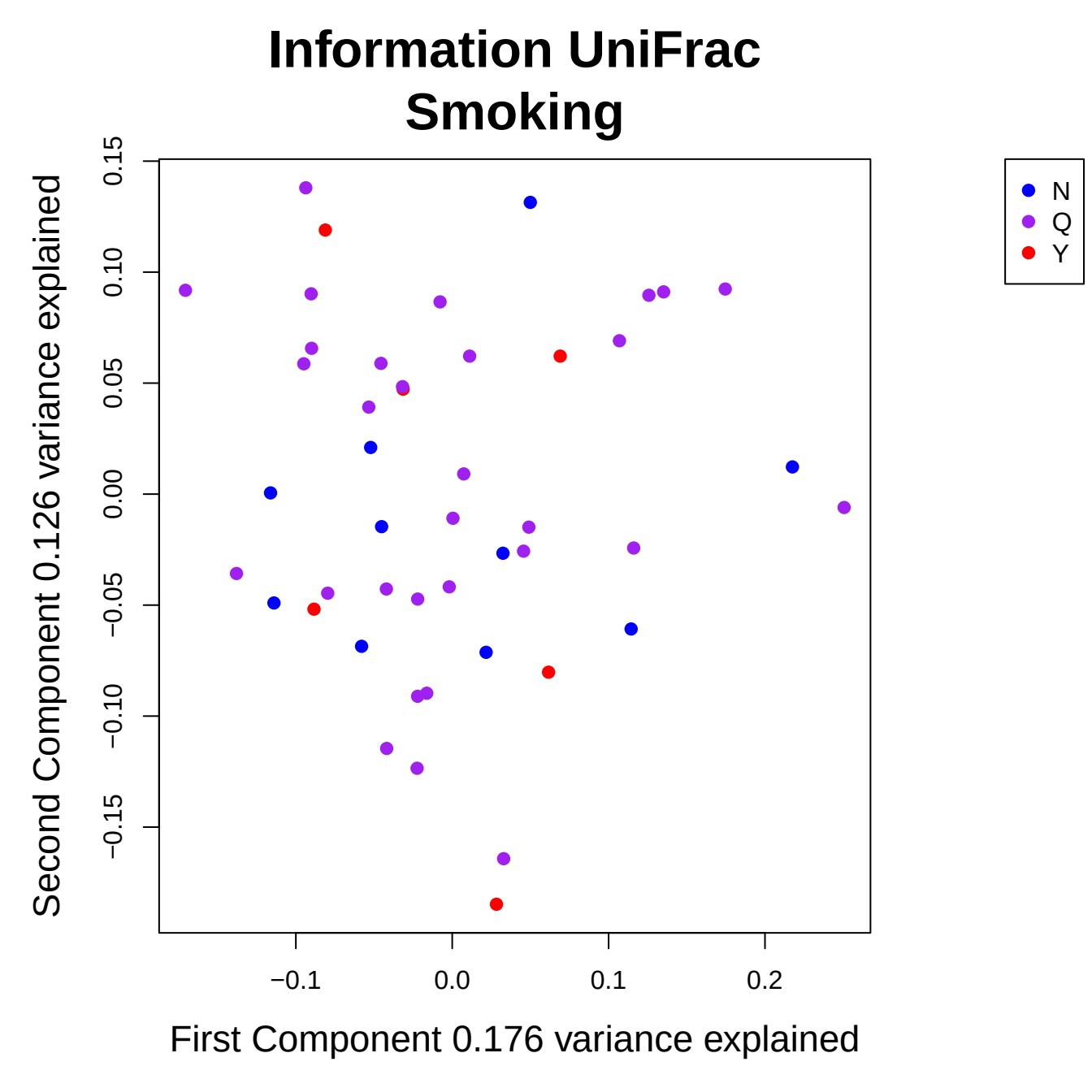

Weighted UniFrac
Sex
F
M
Second Component 0.183 variance explained
First Component 0.257 variance explained
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

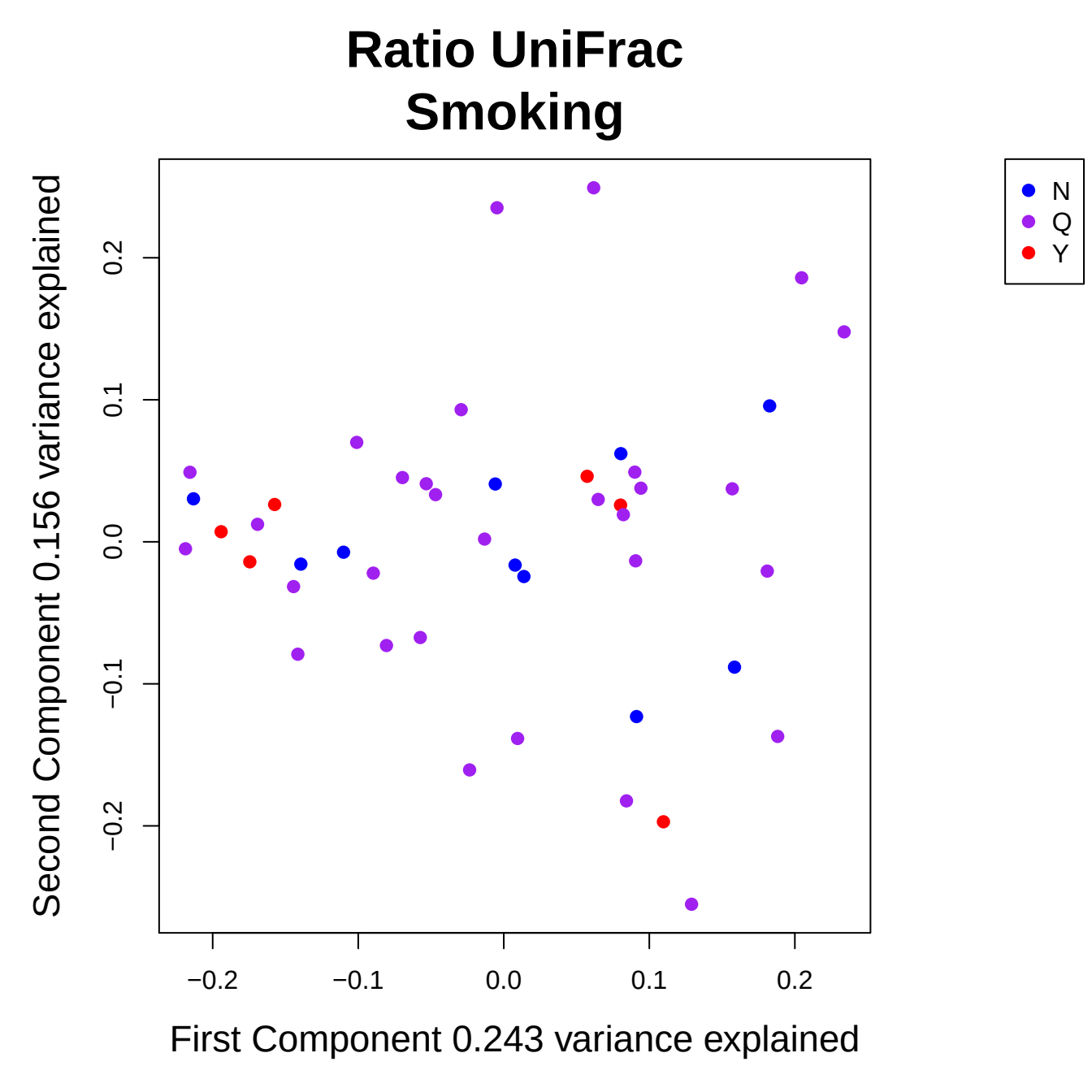

Information UniFrac
Sex
Second Component 0.126 variance explained
First Component 0.176 variance explained
F
M
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2

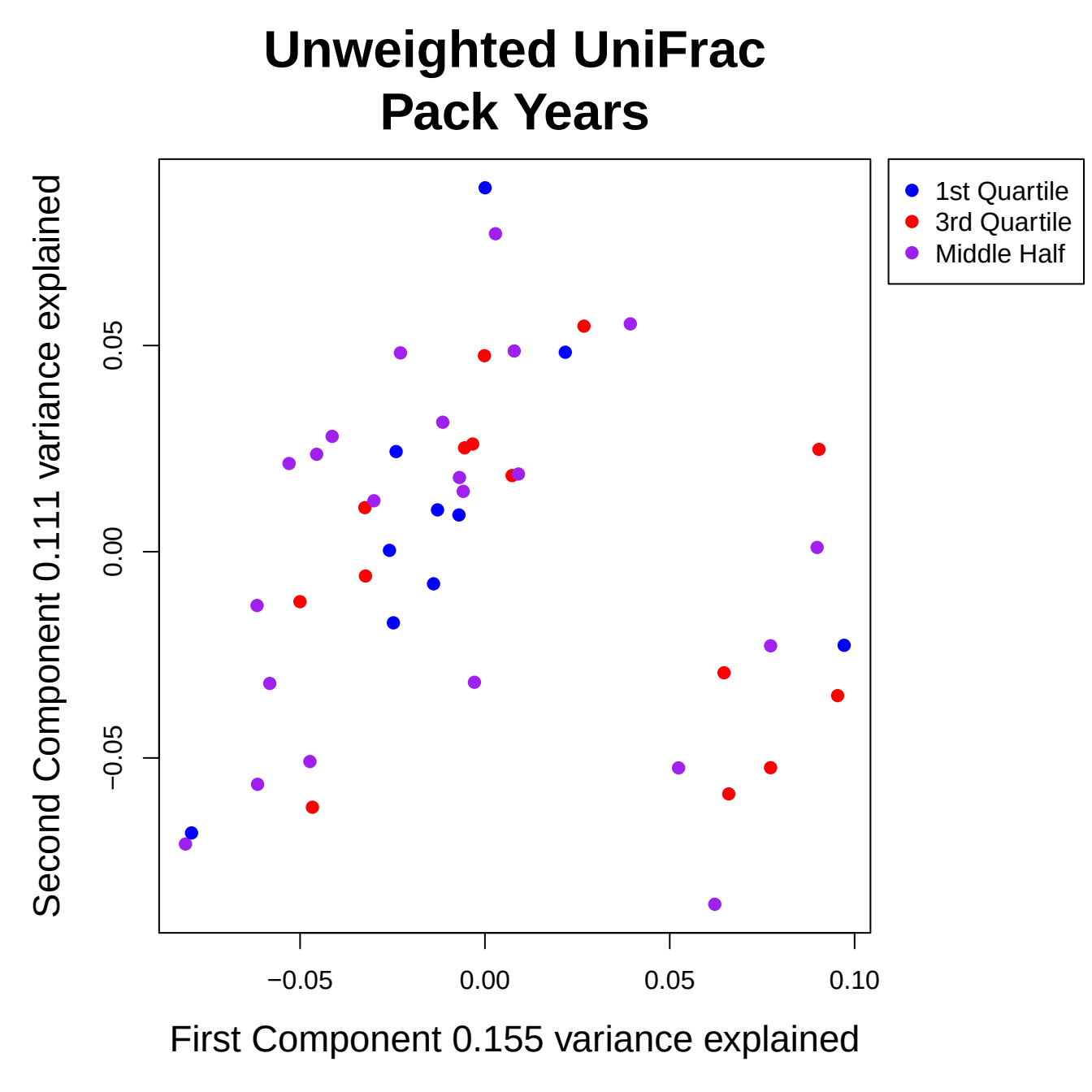

Ratio UniFrac
Sex
F
M
Second Component 0.156 variance explained
First Component 0.243 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.2
−0.1
0.0
0.1
0.2

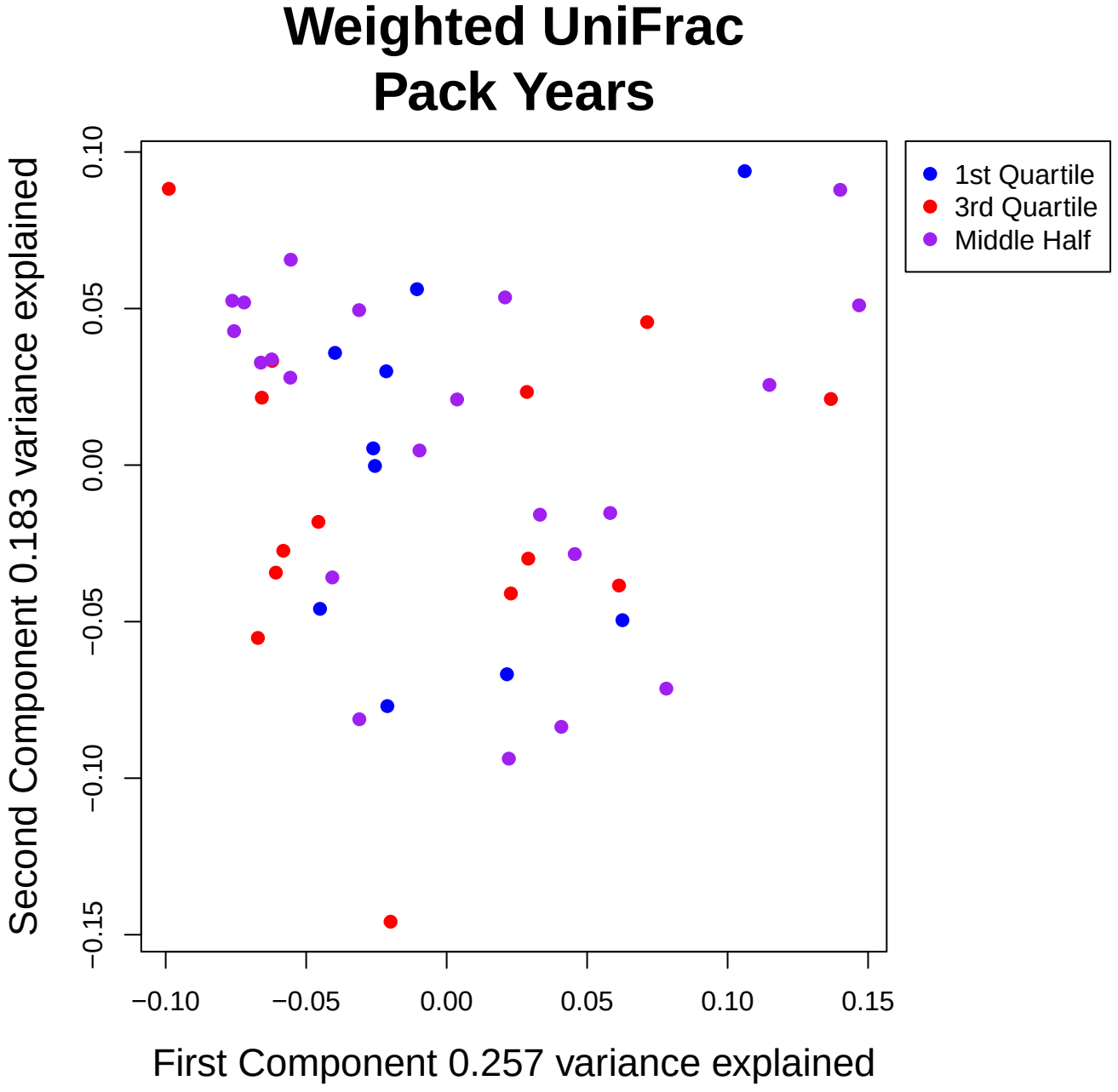

Unweighted UniFrac
Smoking
N
Q
Y
Second Component 0.111 variance explained
0.05
0.00
−0.05
−0.05
0.00
0.05
0.10
First Component 0.155 variance explained

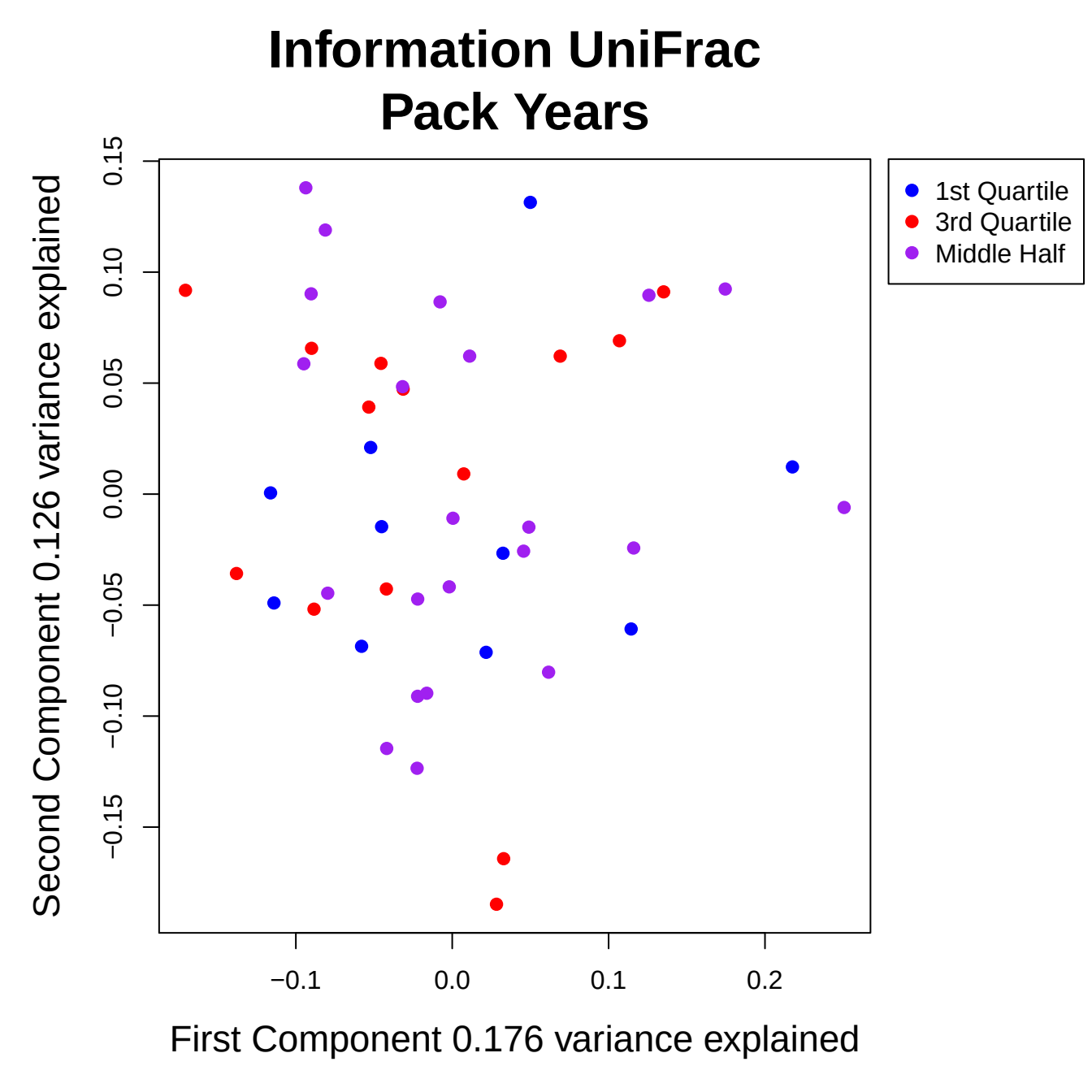

Weighted UniFrac
Smoking
Second Component 0.183 variance explained
First Component 0.257 variance explained
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15
N
Q
Y

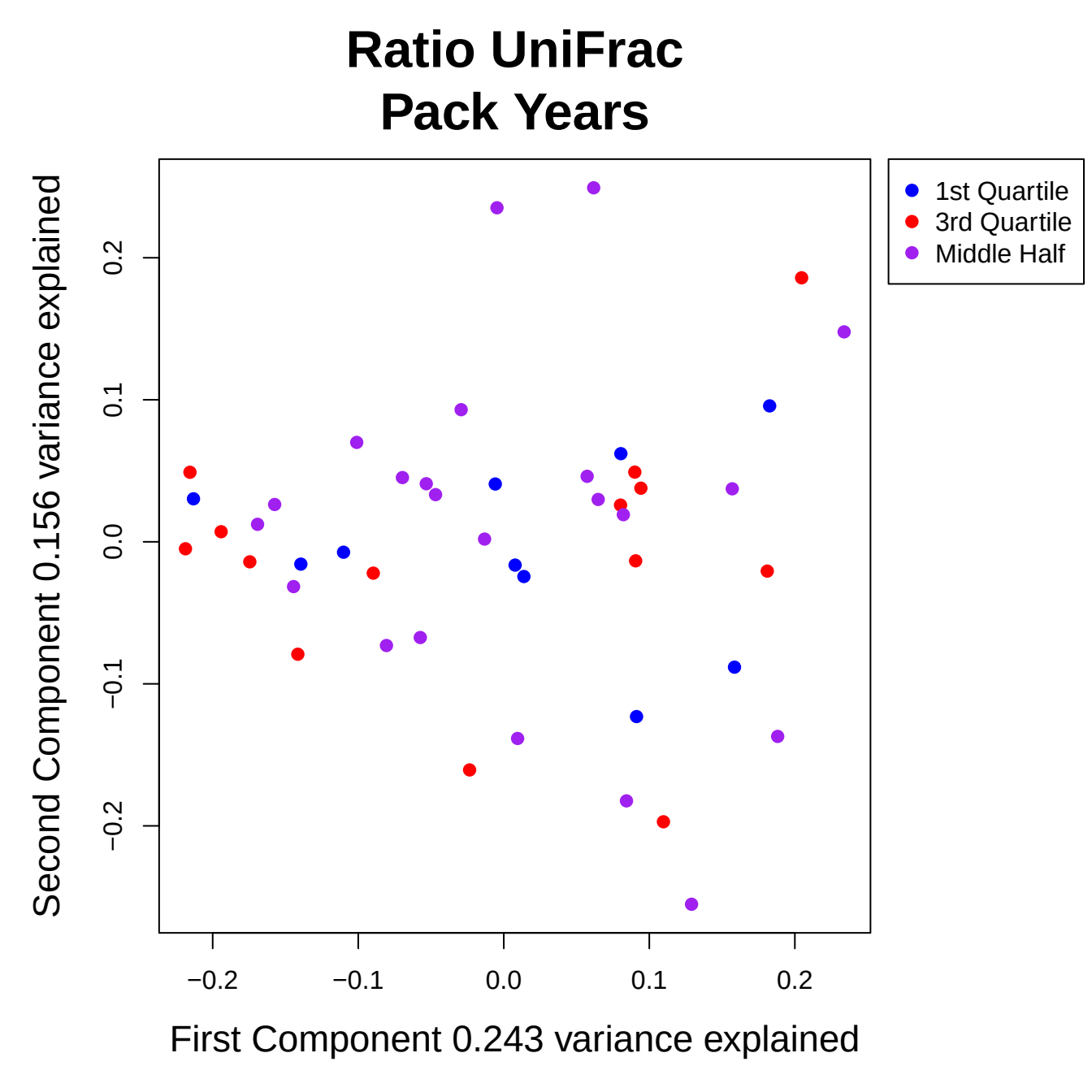

Information UniFrac
Smoking
Second Component 0.126 variance explained
First Component 0.176 variance explained
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2
N
Q
Y

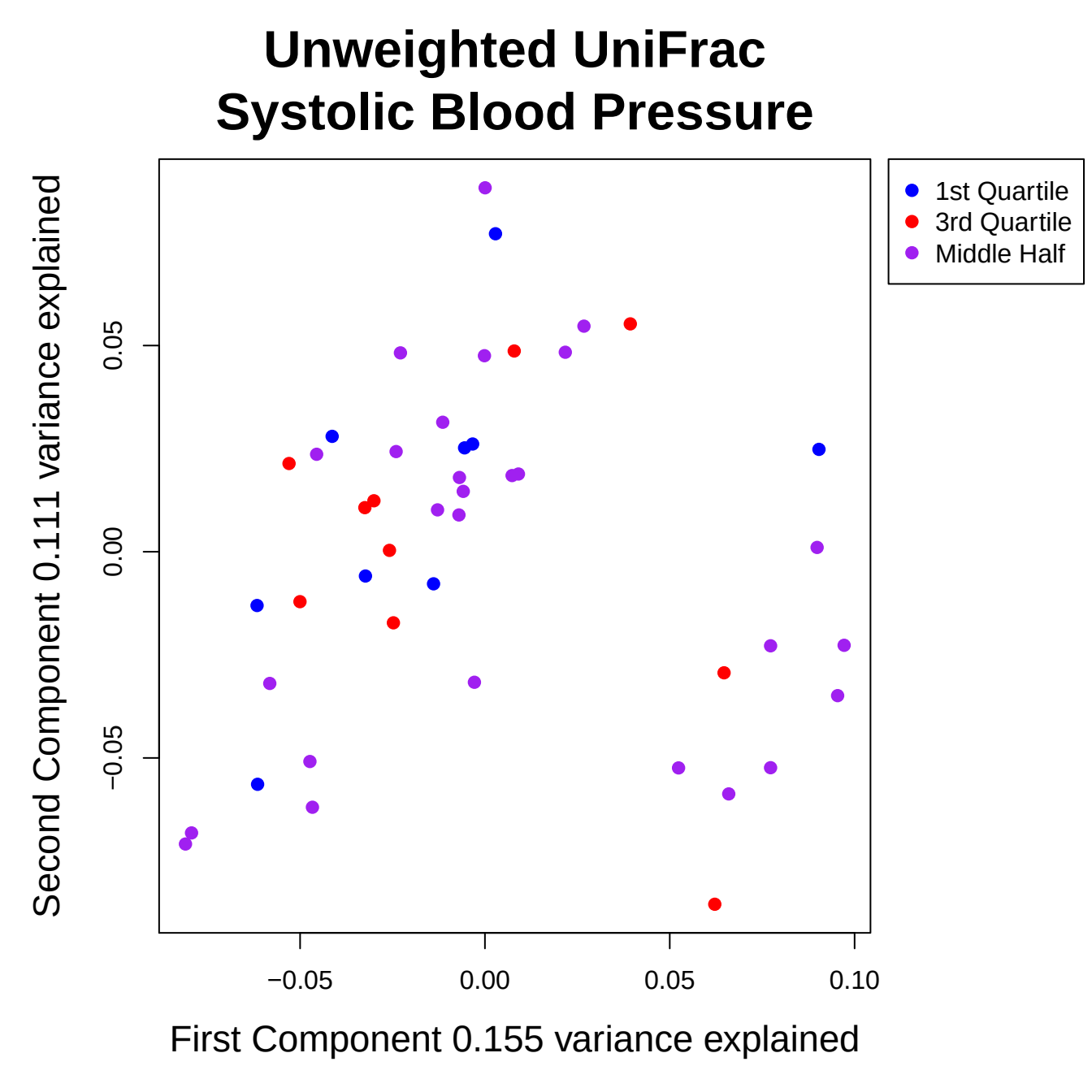

Ratio UniFrac
Smoking
N
Q
Y
Second Component 0.156 variance explained
First Component 0.243 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.2
−0.1
0.0
0.1
0.2

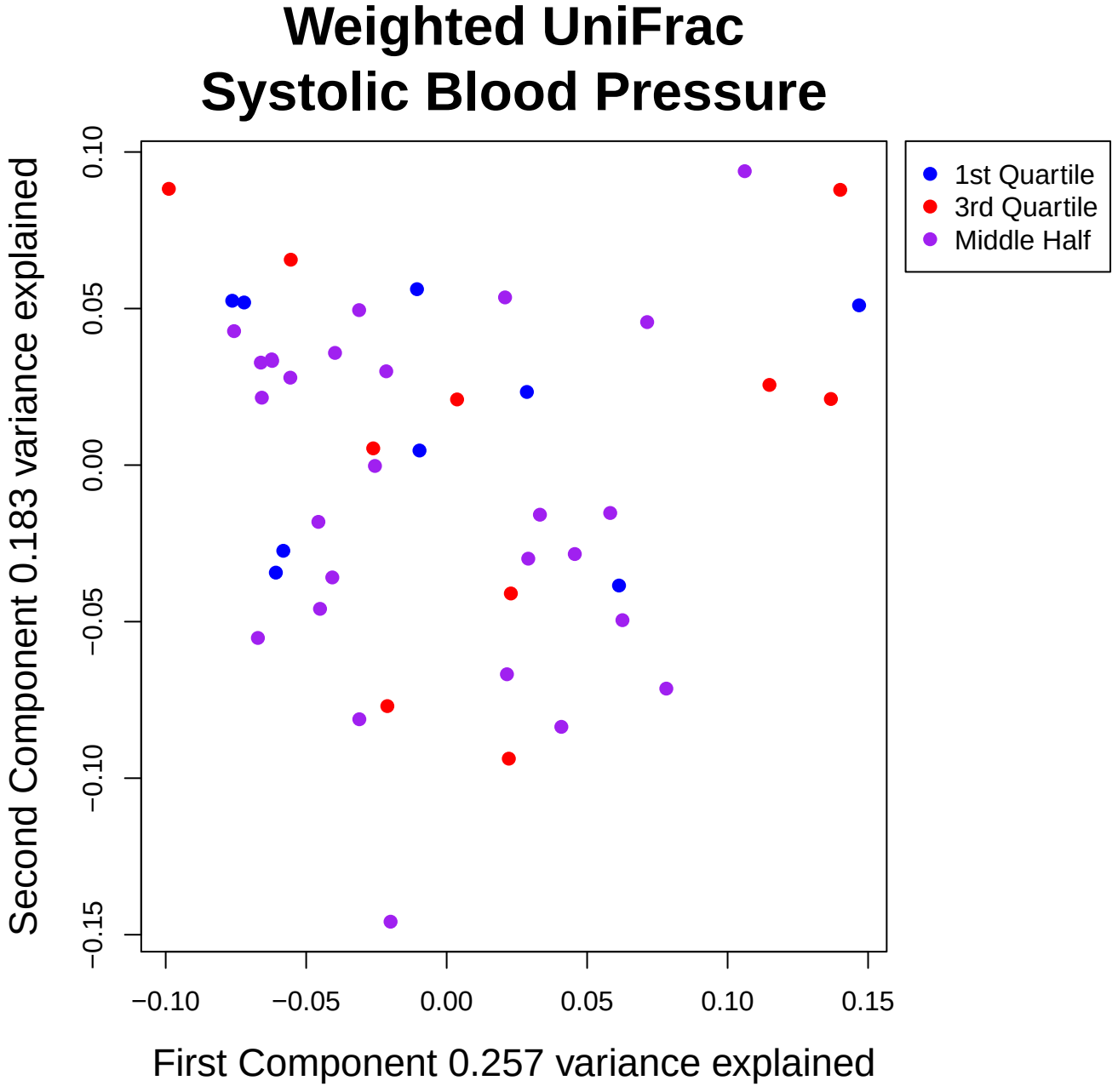

Unweighted UniFrac
Pack Years
1st Quartile
3rd Quartile
Middle Half
Second Component 0.111 variance explained
First Component 0.155 variance explained
0.05
0.00
−0.05
−0.05
0.00
0.05
0.10

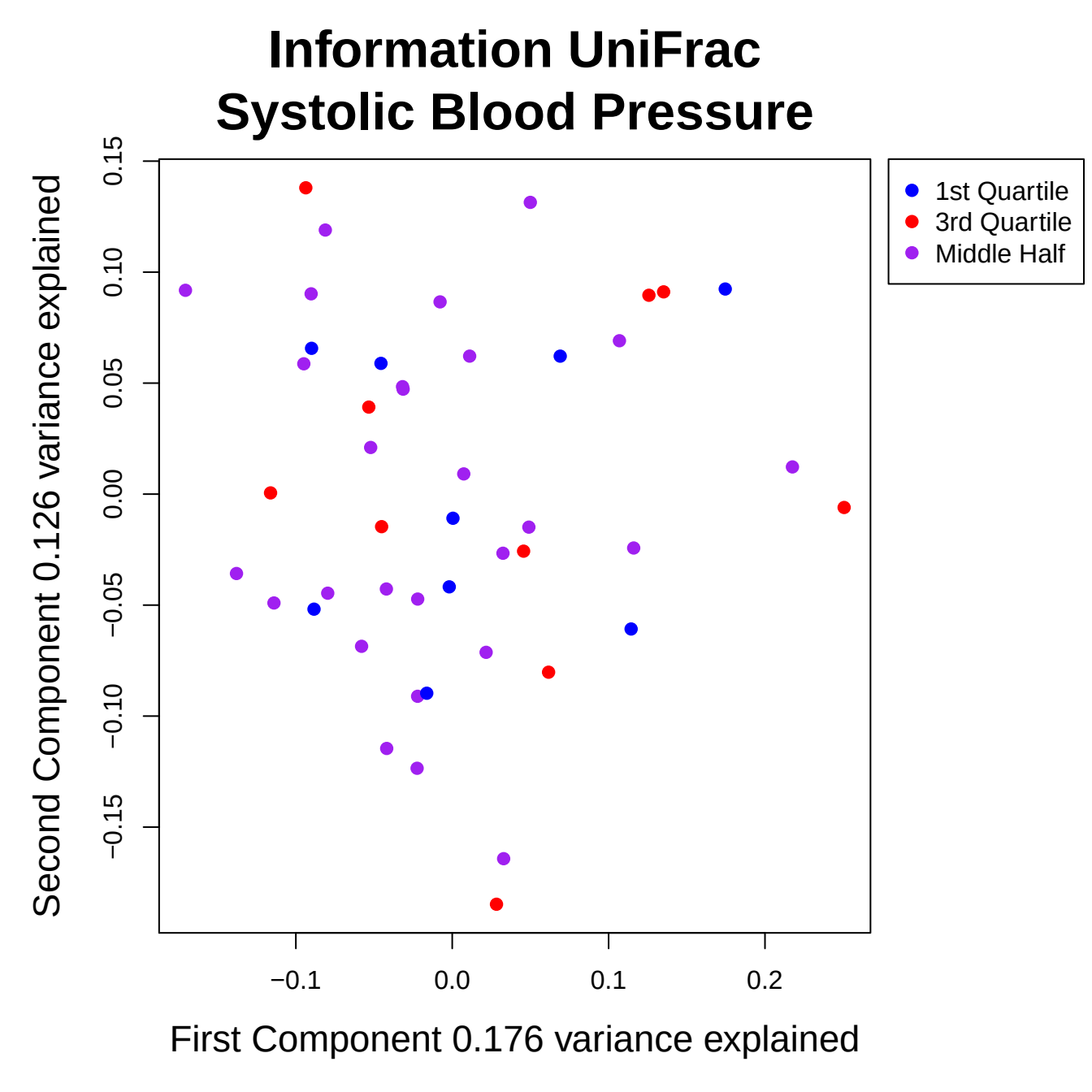

Weighted UniFrac
Pack Years
1st Quartile
3rd Quartile
Middle Half
Second Component 0.183 variance explained
First Component 0.257 variance explained
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

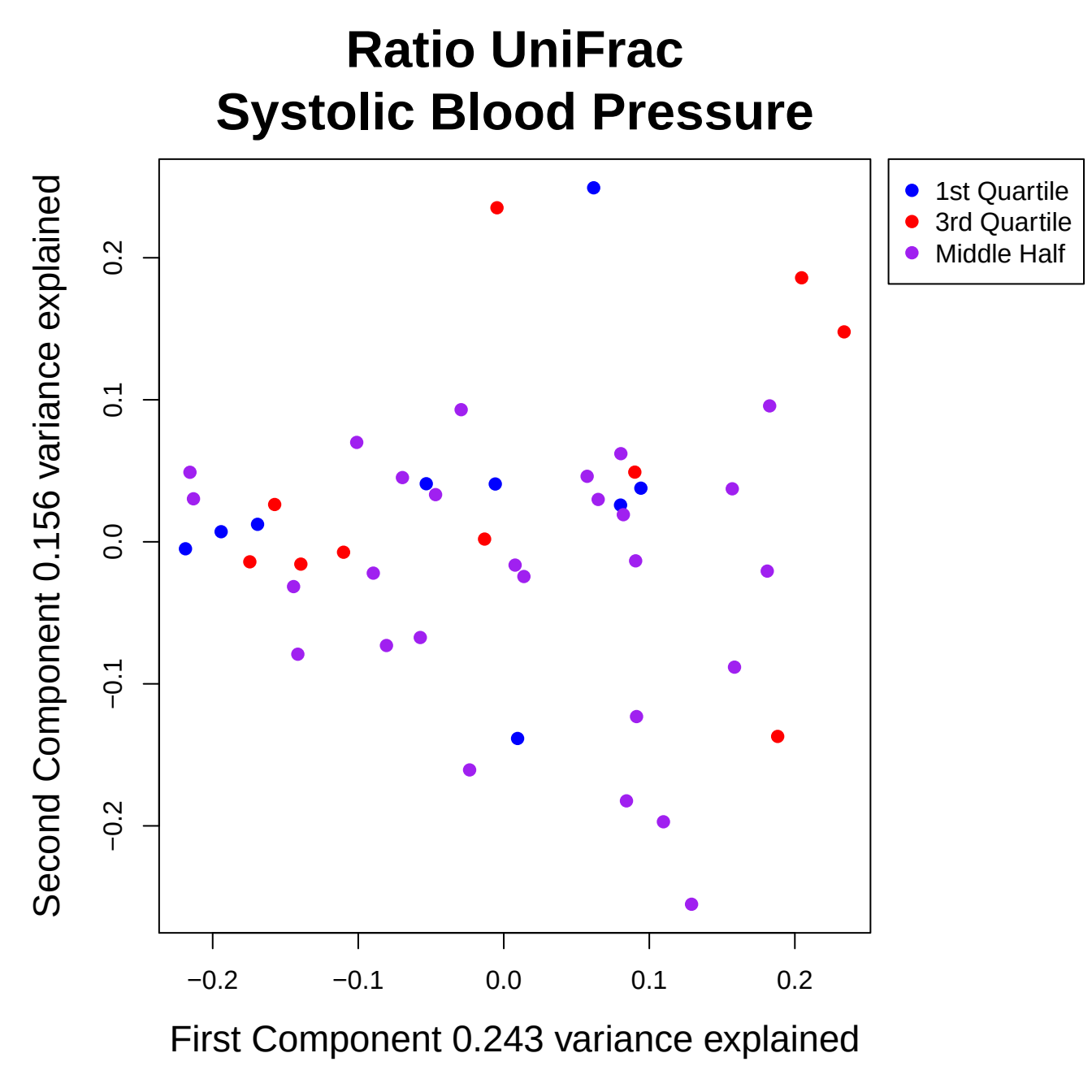

Information UniFrac
Pack Years
Second Component 0.126 variance explained
First Component 0.176 variance explained
1st Quartile
3rd Quartile
Middle Half
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2

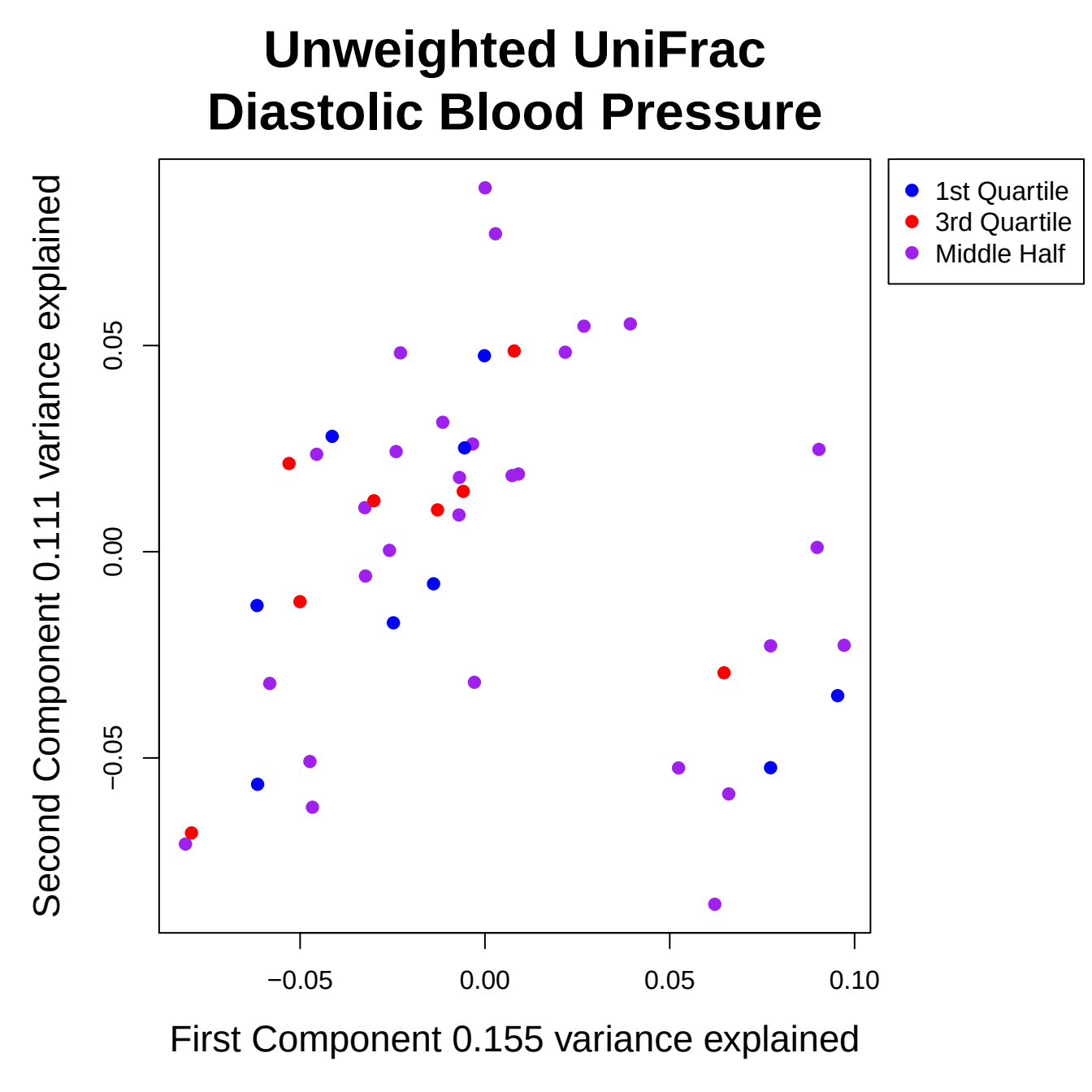

Ratio UniFrac
Pack Years
1st Quartile
3rd Quartile
Middle Half
Second Component 0.156 variance explained
First Component 0.243 variance explained
−0.2
−0.1
0.0
0.1
0.2

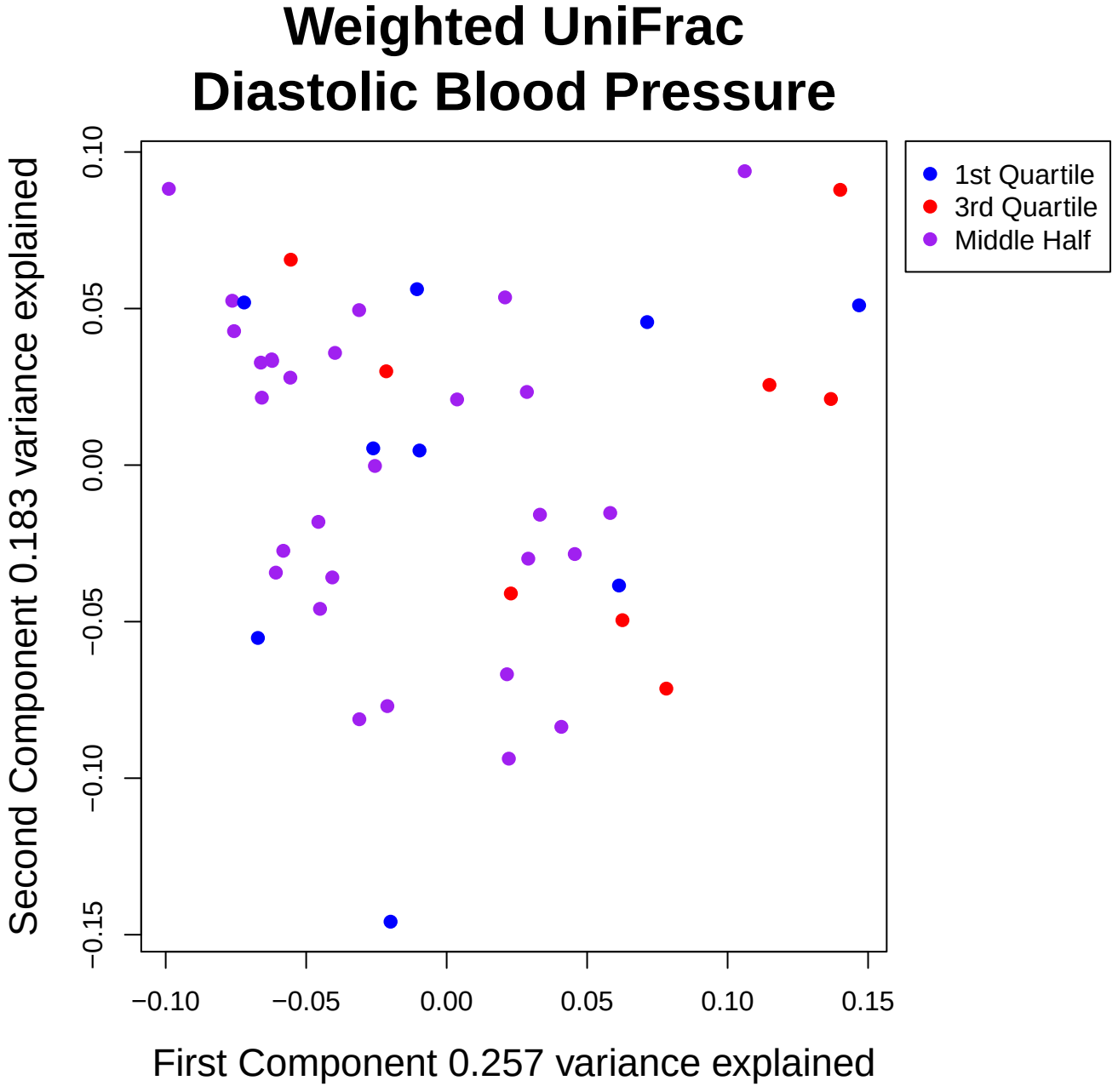

Unweighted UniFrac
Systolic Blood Pressure
1st Quartile
3rd Quartile
Middle Half
Second Component 0.111 variance explained
First Component 0.155 variance explained
0.05
0.00
−0.05
−0.05
0.00
0.05
0.10

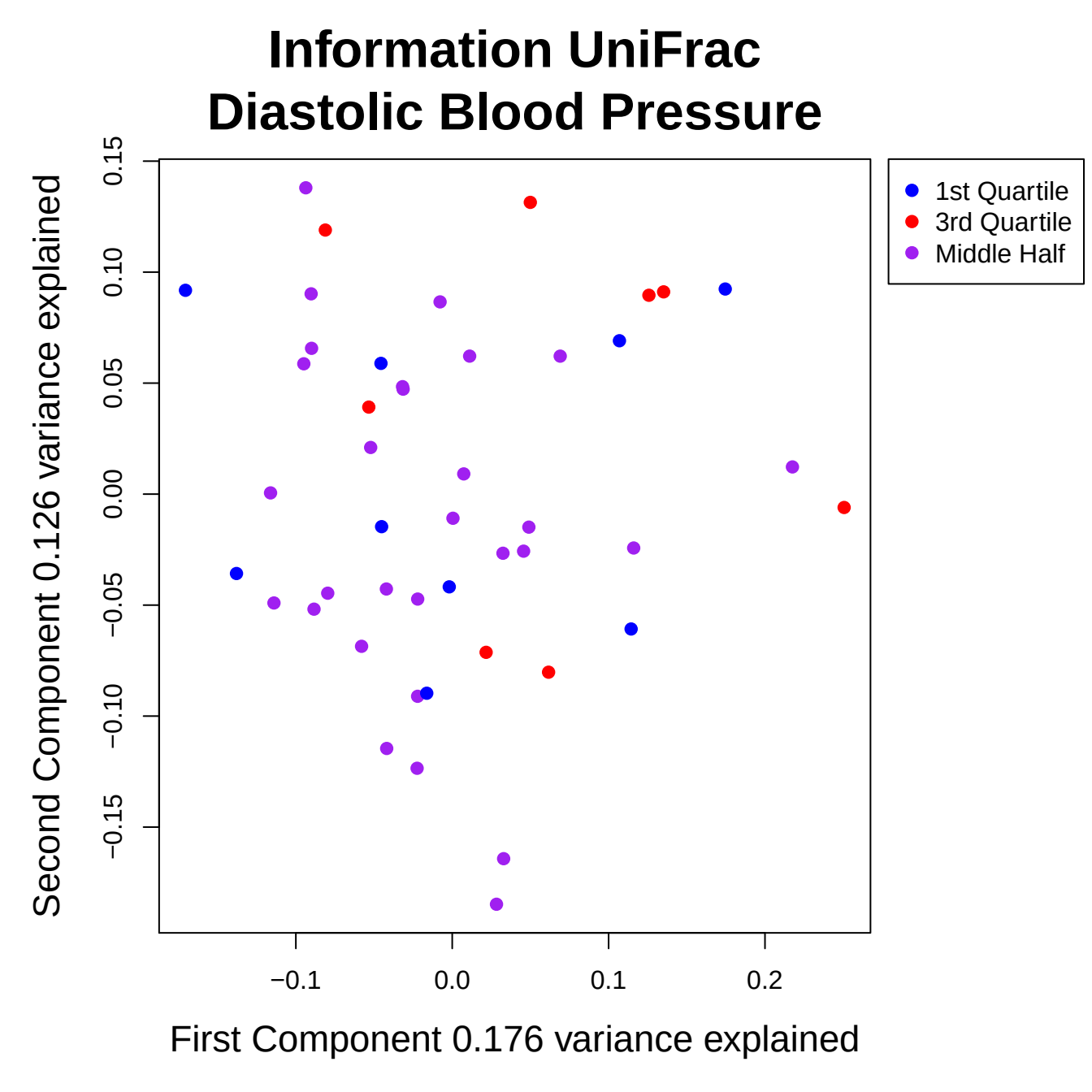

Weighted UniFrac
Systolic Blood Pressure
1st Quartile
3rd Quartile
Middle Half
Second Component 0.183 variance explained
First Component 0.257 variance explained
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

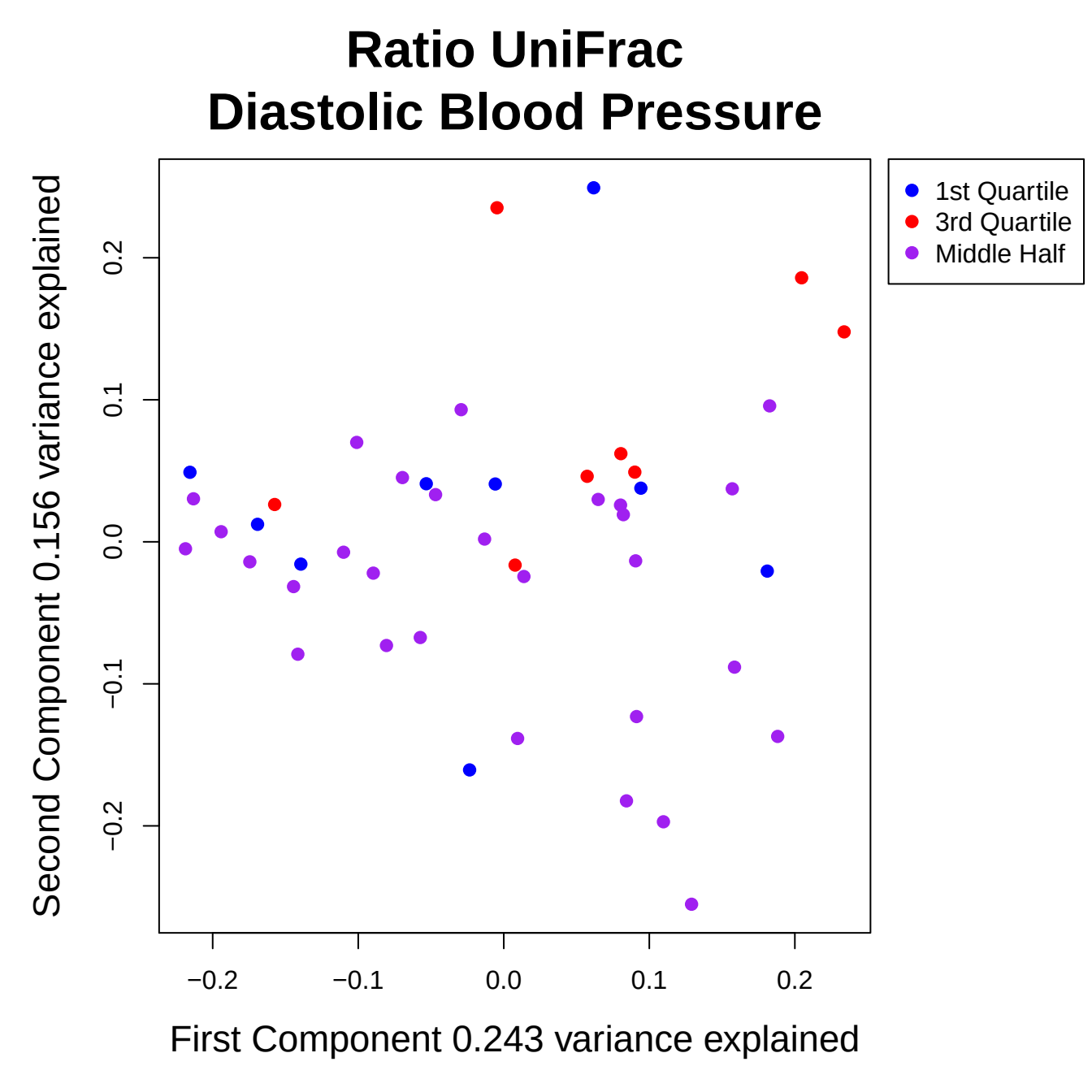

Information UniFrac
Systolic Blood Pressure
Second Component 0.126 variance explained
First Component 0.176 variance explained
1st Quartile
3rd Quartile
Middle Half
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2

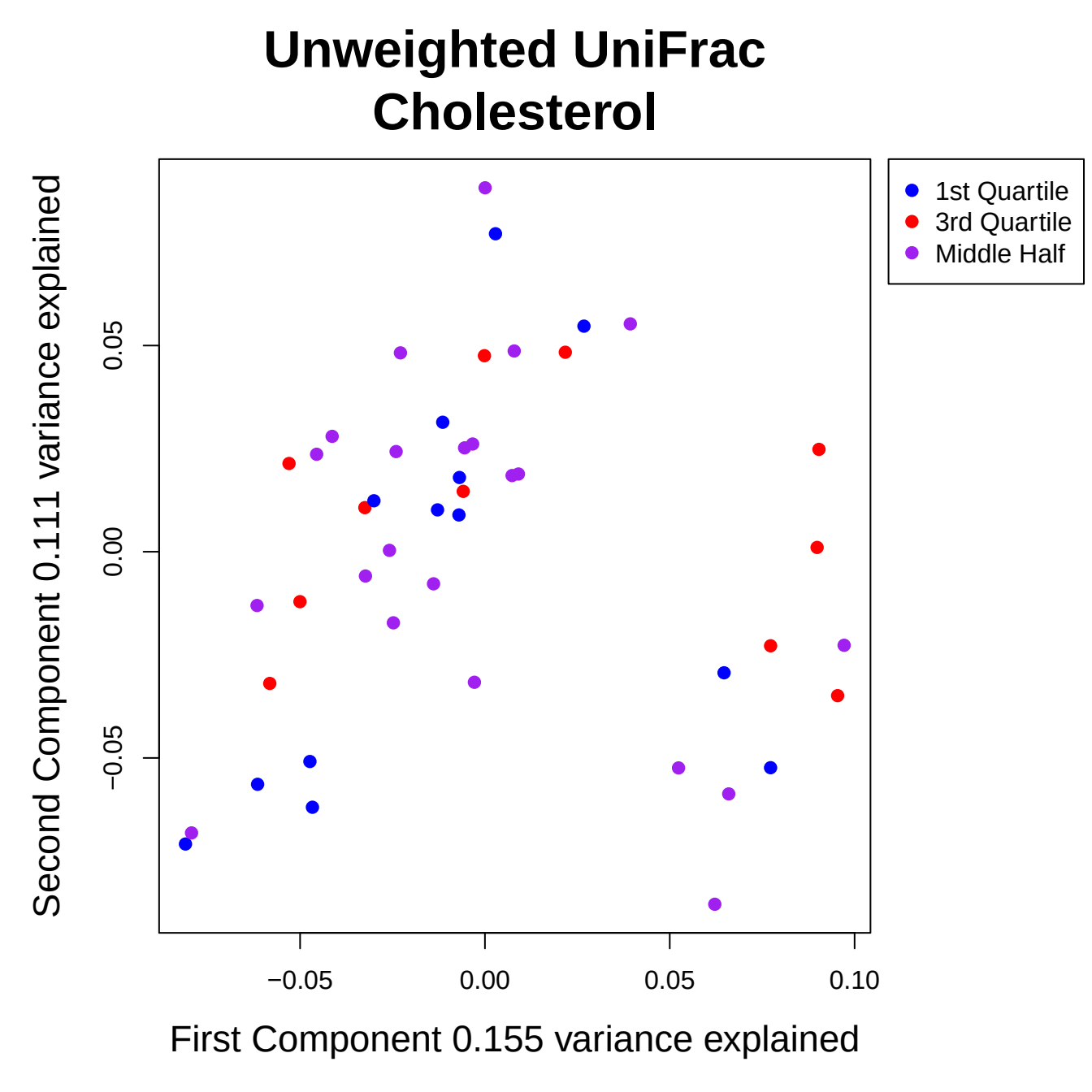

Ratio UniFrac
Systolic Blood Pressure
1st Quartile
3rd Quartile
Middle Half
Second Component 0.156 variance explained
First Component 0.243 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.2
−0.1
0.0
0.1
0.2

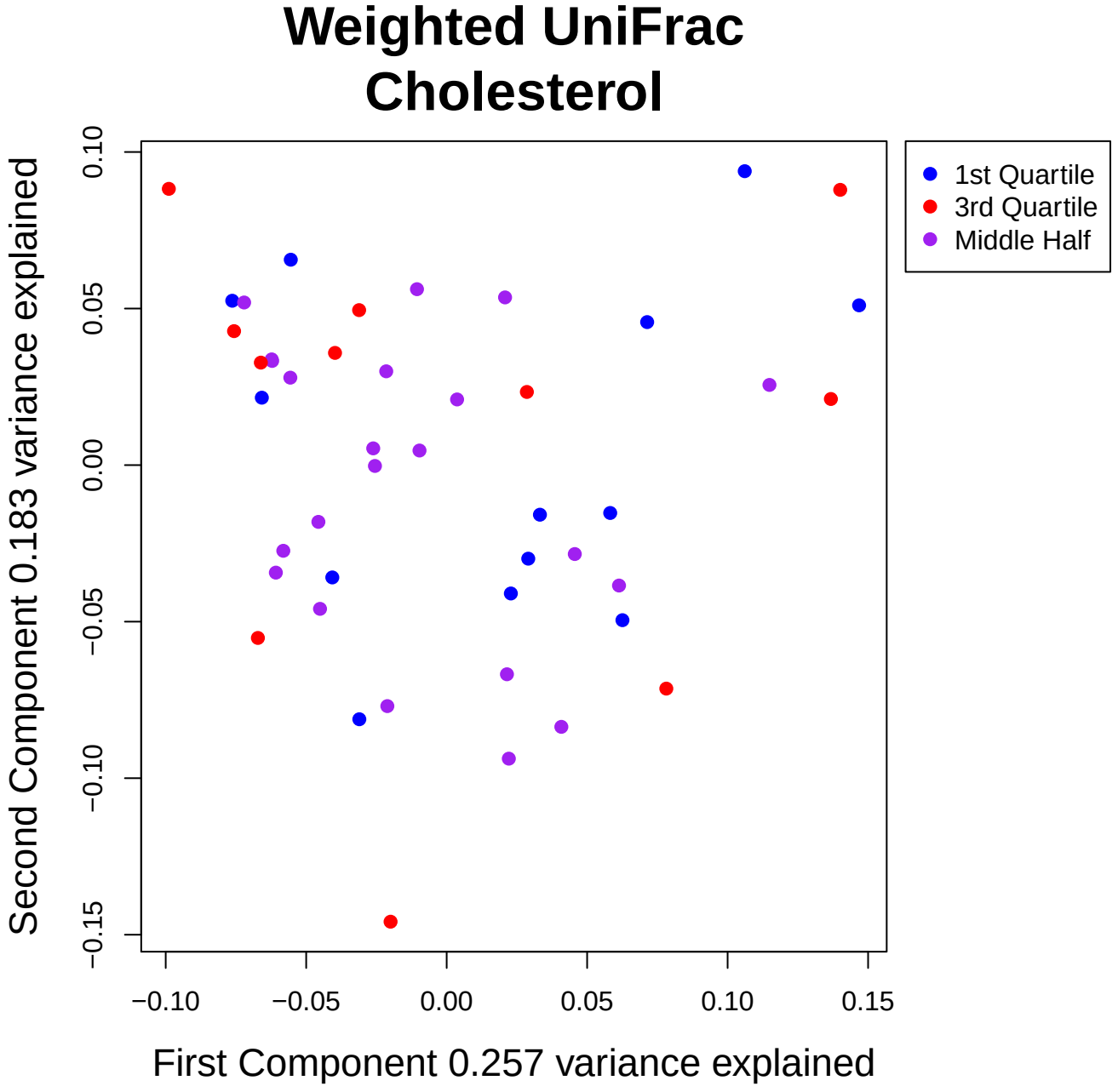

Unweighted UniFrac
Diastolic Blood Pressure
1st Quartile
3rd Quartile
Middle Half
Second Component 0.111 variance explained
First Component 0.155 variance explained
0.05
0.00
−0.05
−0.05
0.00
0.05
0.10

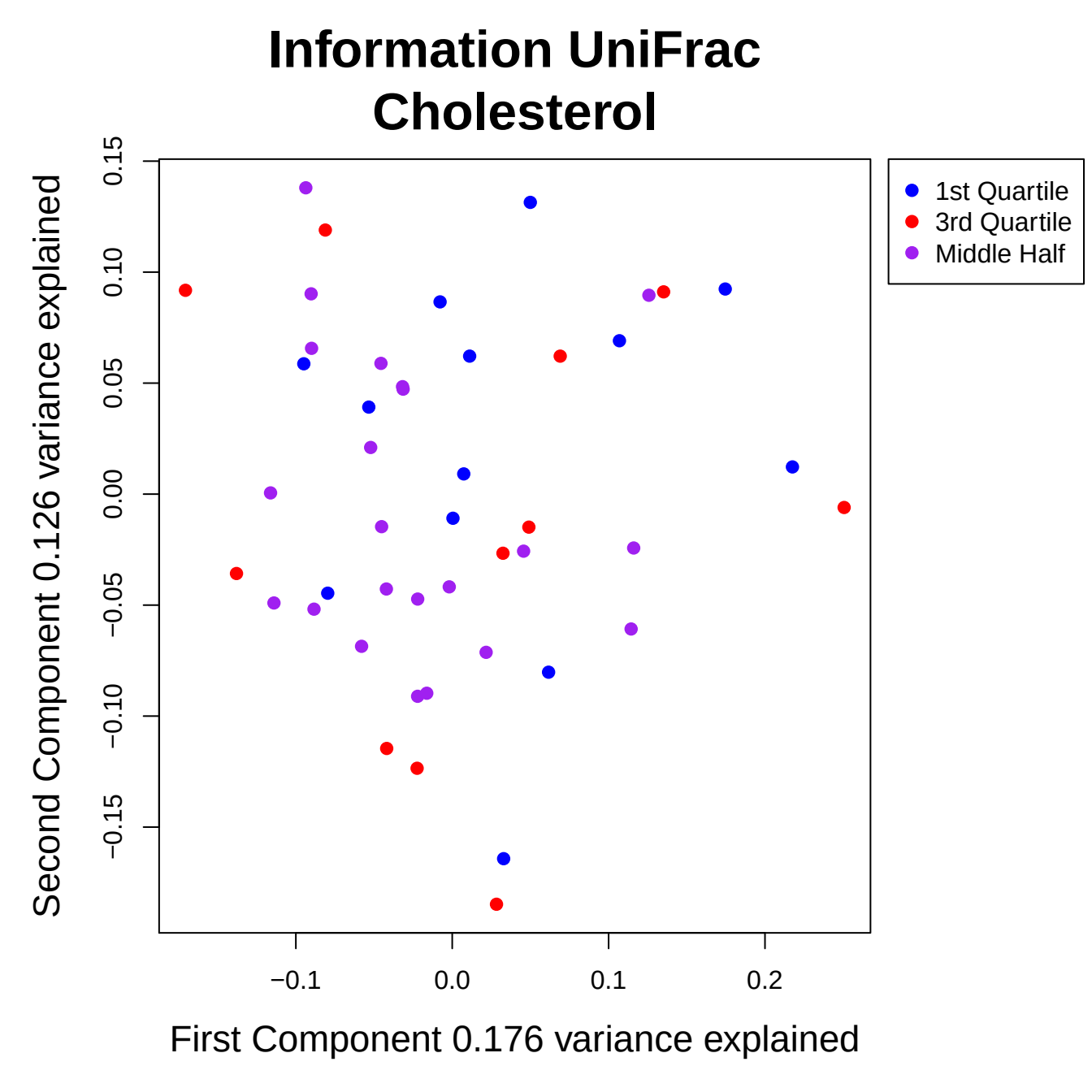

Weighted UniFrac
Diastolic Blood Pressure
1st Quartile
3rd Quartile
Middle Half
Second Component 0.183 variance explained
First Component 0.257 variance explained
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

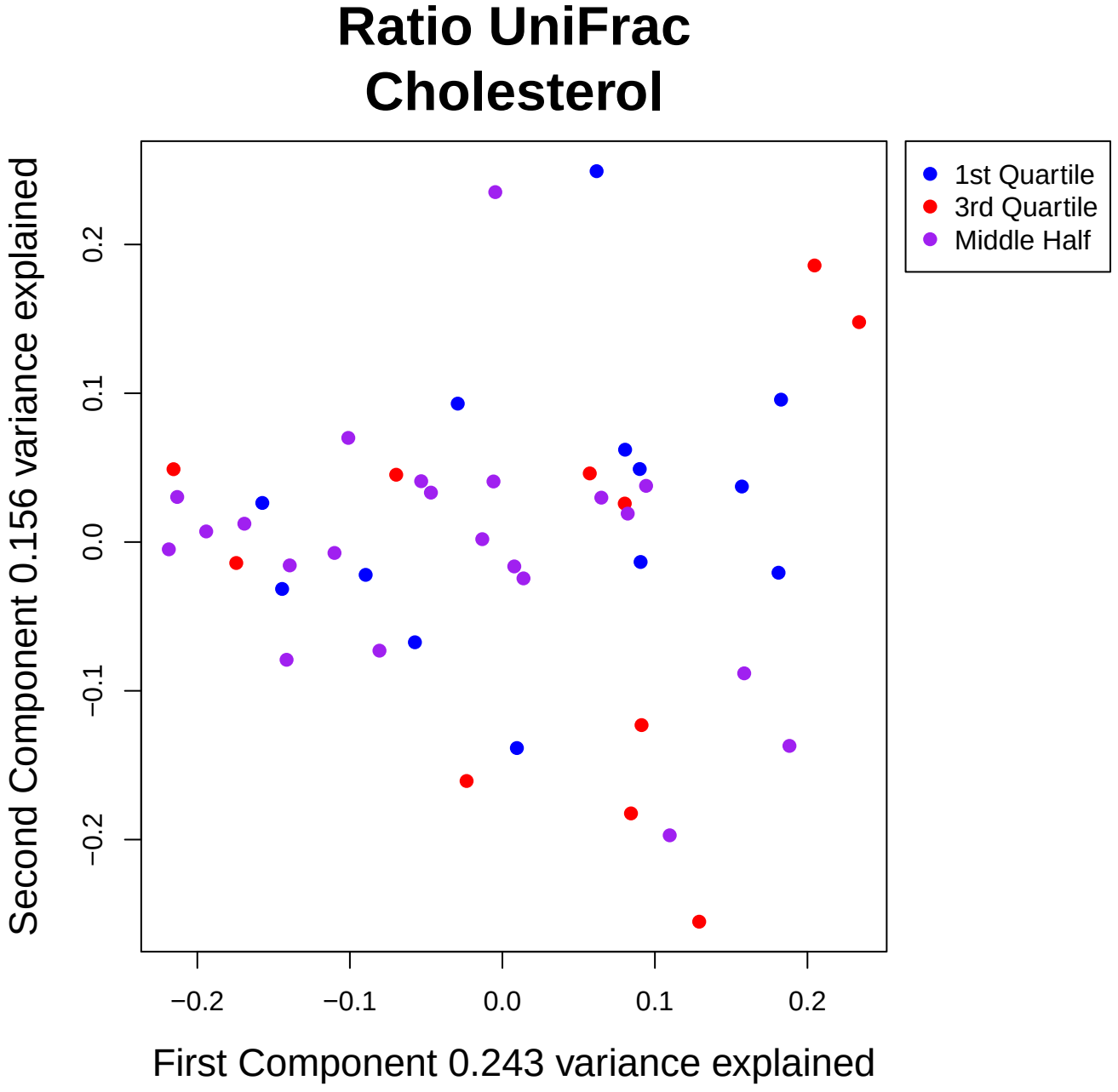

Information UniFrac
Diastolic Blood Pressure
Second Component 0.126 variance explained
First Component 0.176 variance explained
1st Quartile
3rd Quartile
Middle Half
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2

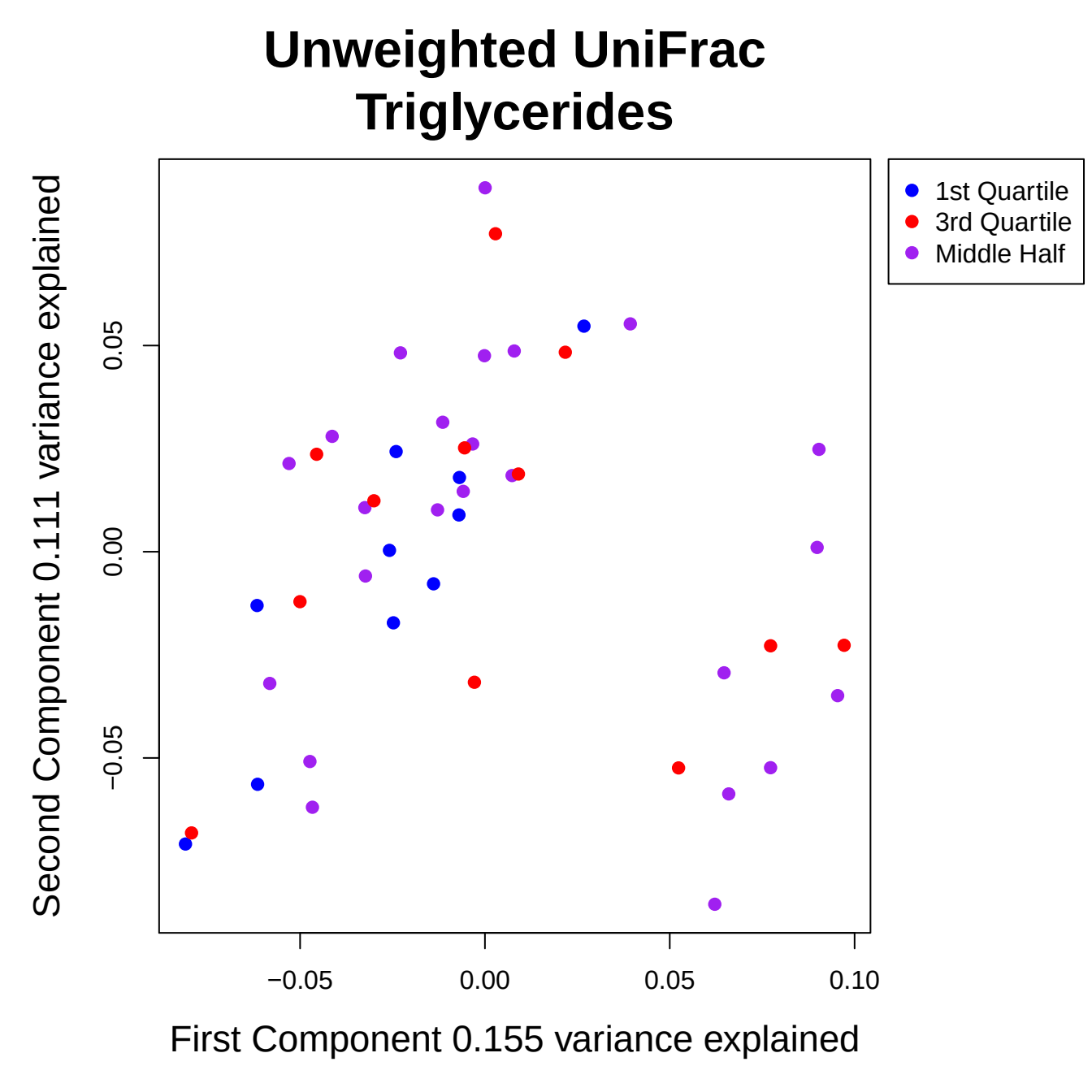

Ratio UniFrac
Diastolic Blood Pressure
1st Quartile
3rd Quartile
Middle Half
Second Component 0.156 variance explained
First Component 0.243 variance explained
−0.2
−0.1
0.0
0.1
0.2

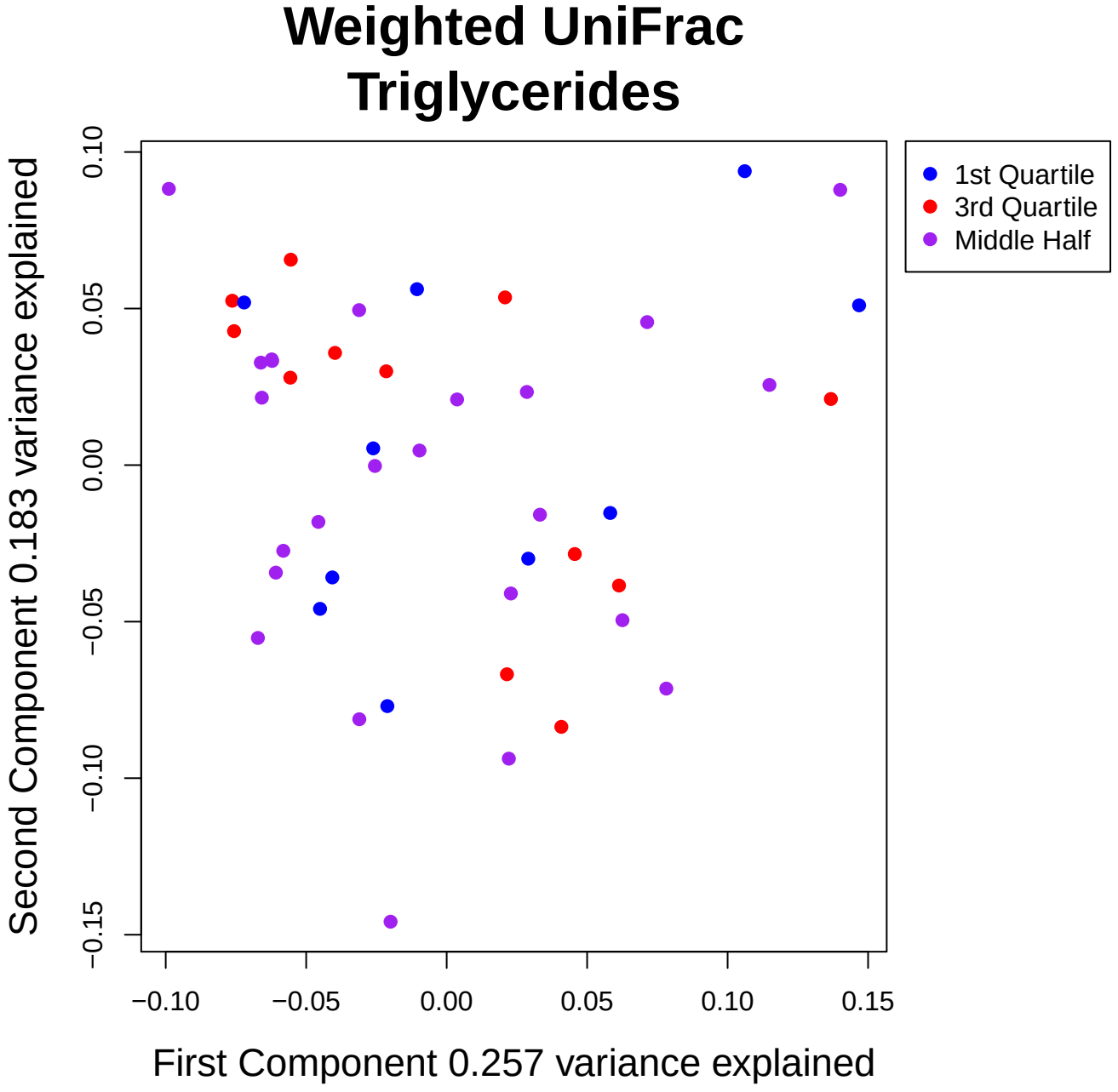

Unweighted UniFrac
Cholesterol
1st Quartile
3rd Quartile
Middle Half
Second Component 0.111 variance explained
First Component 0.155 variance explained
0.05
0.00
−0.05
−0.05
0.00
0.05
0.10

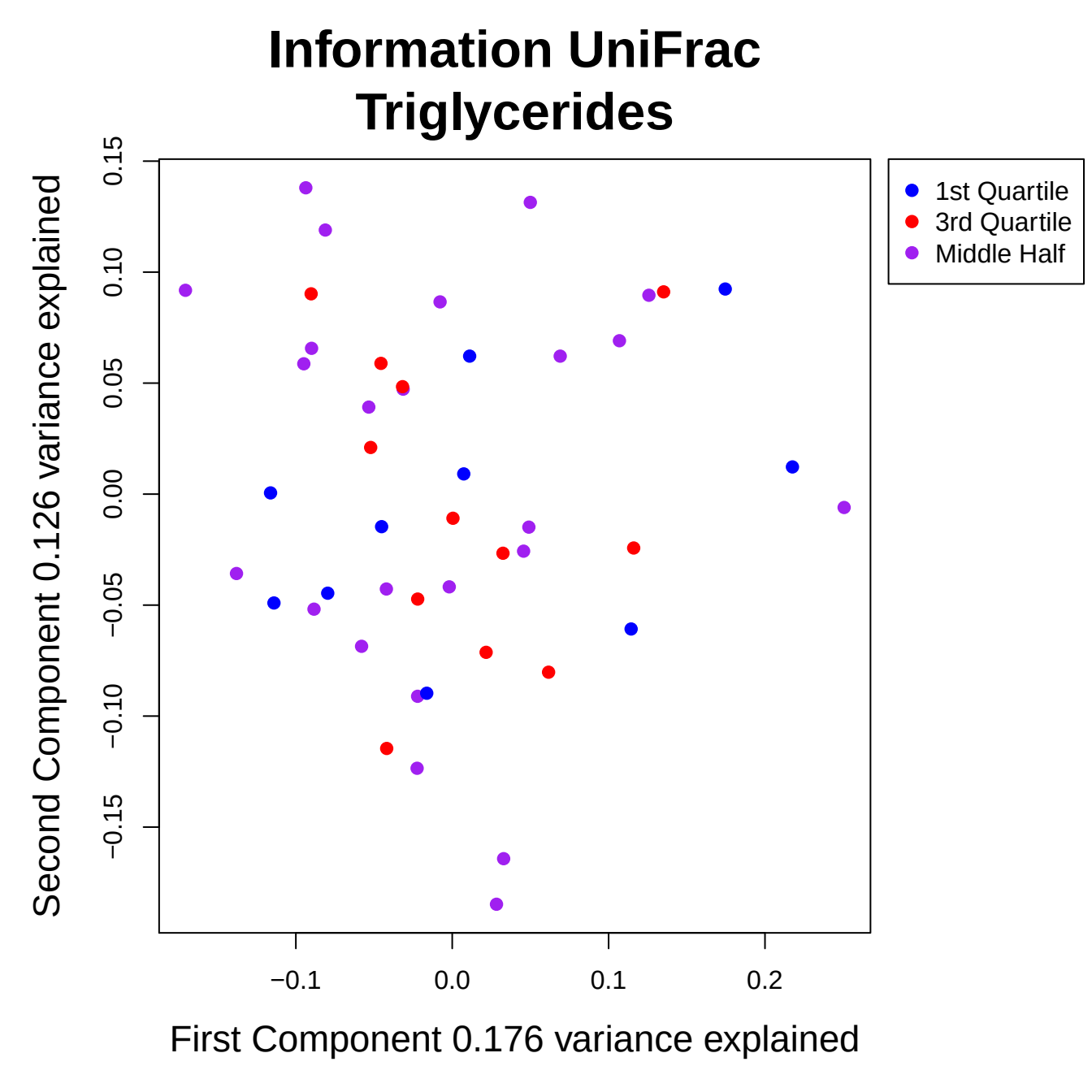

Weighted UniFrac
Cholesterol
1st Quartile
3rd Quartile
Middle Half
Second Component 0.183 variance explained
First Component 0.257 variance explained
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

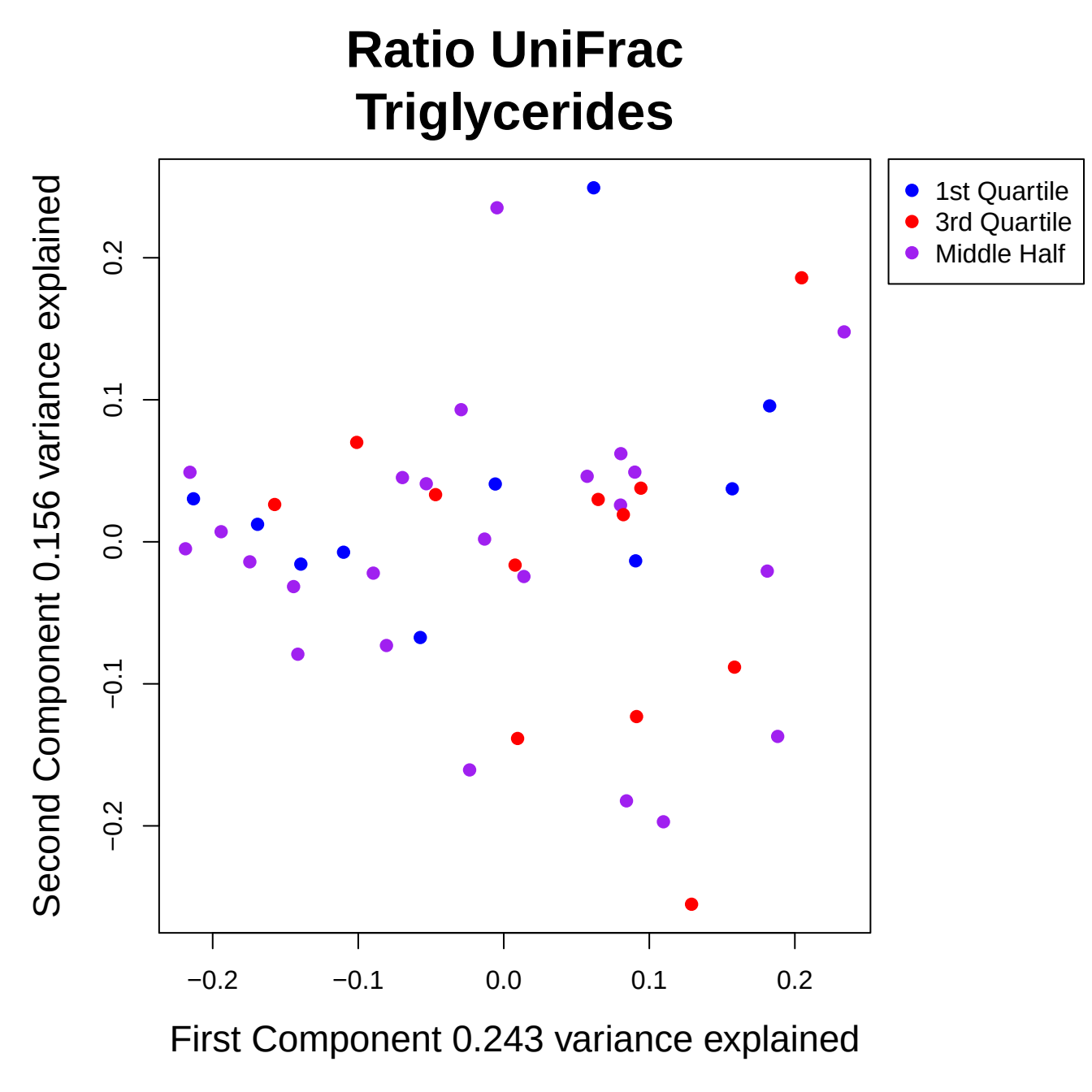

Information UniFrac
Cholesterol
1st Quartile
3rd Quartile
Middle Half
Second Component 0.126 variance explained
First Component 0.176 variance explained
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2

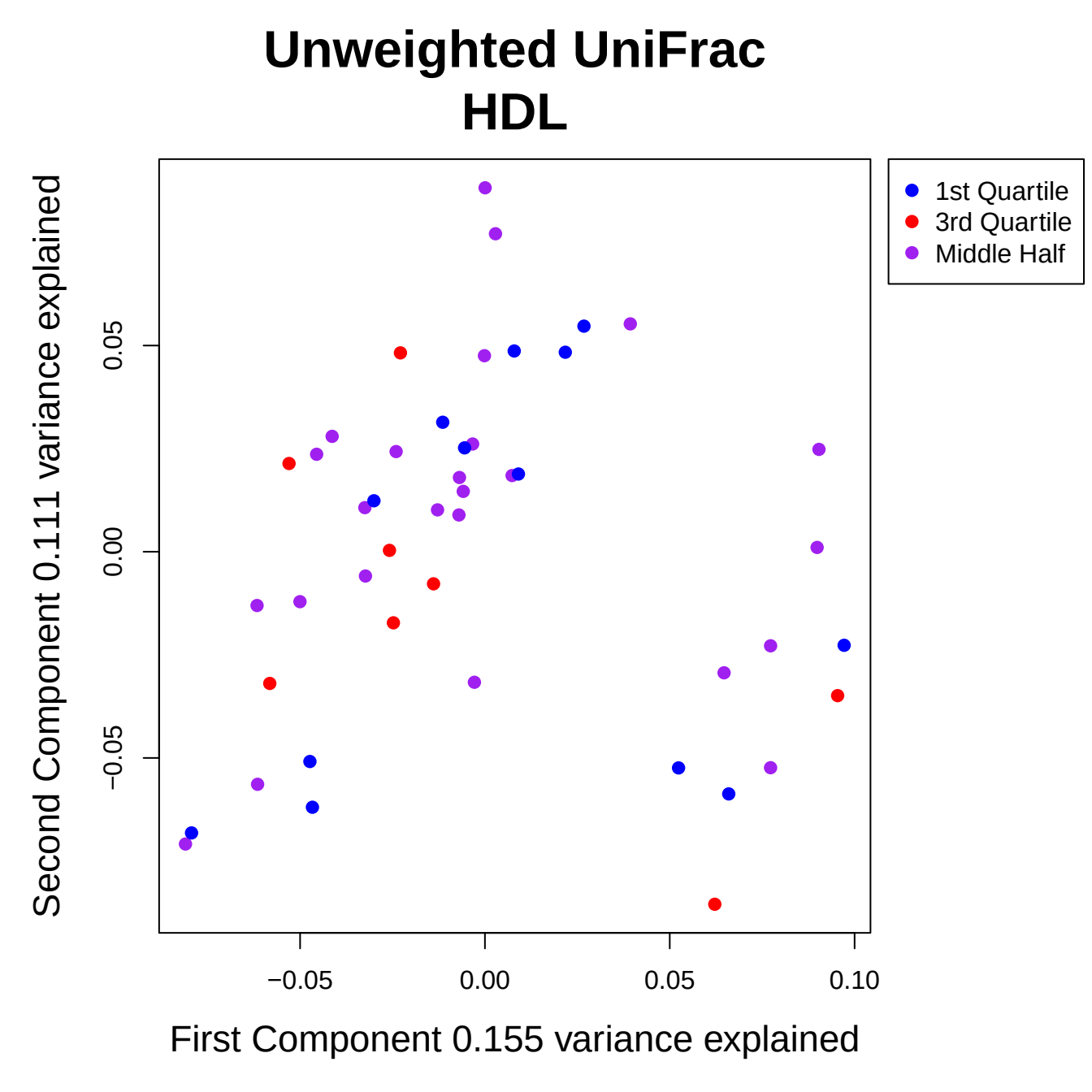

Ratio UniFrac
Cholesterol
1st Quartile
3rd Quartile
Middle Half
Second Component 0.156 variance explained
First Component 0.243 variance explained
−0.2
−0.1
0.0
0.1
0.2

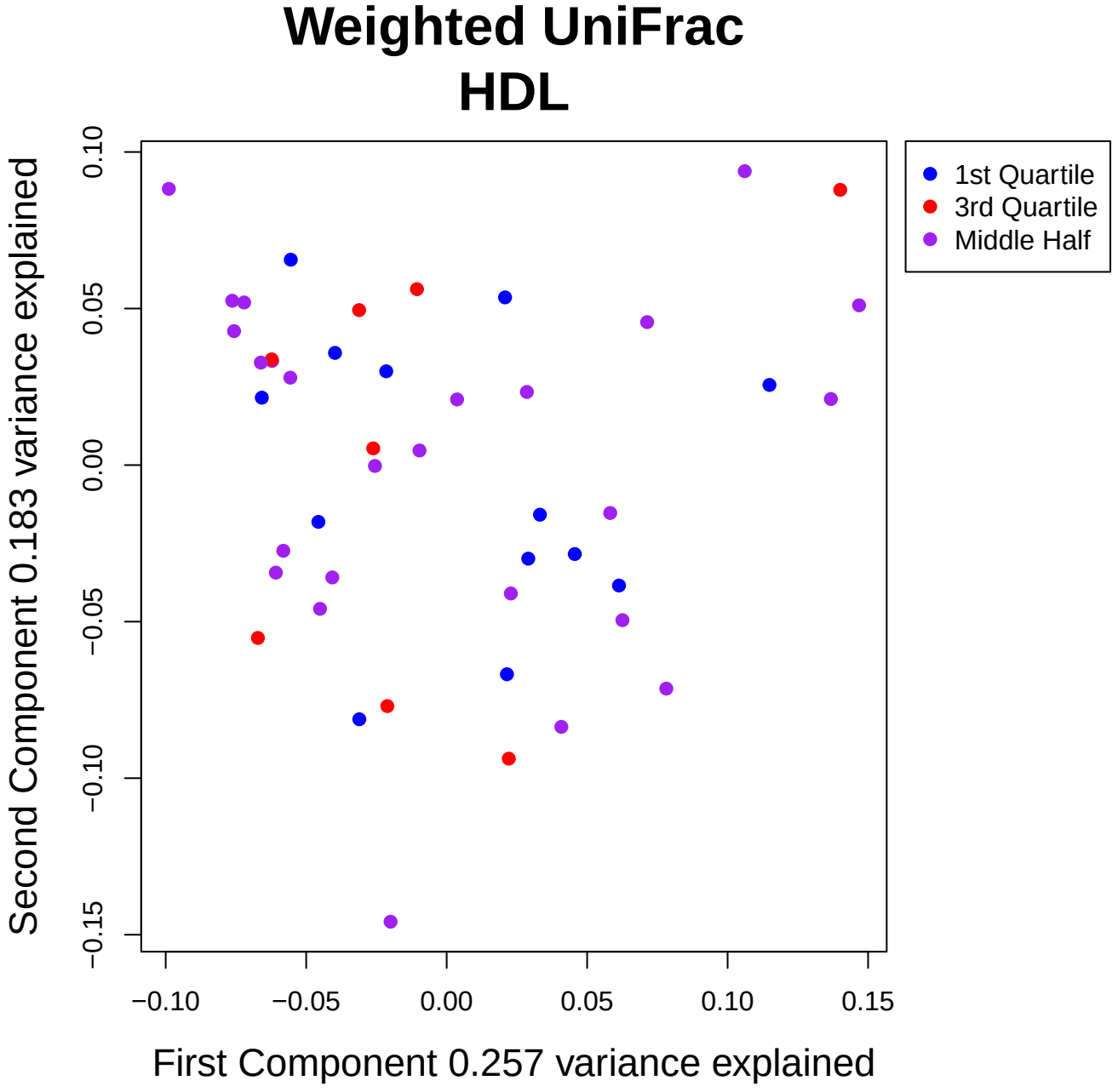

Unweighted UniFrac
Triglycerides
1st Quartile
3rd Quartile
Middle Half
Second Component 0.111 variance explained
First Component 0.155 variance explained
0.05
0.00
−0.05
−0.05
0.00
0.05
0.10

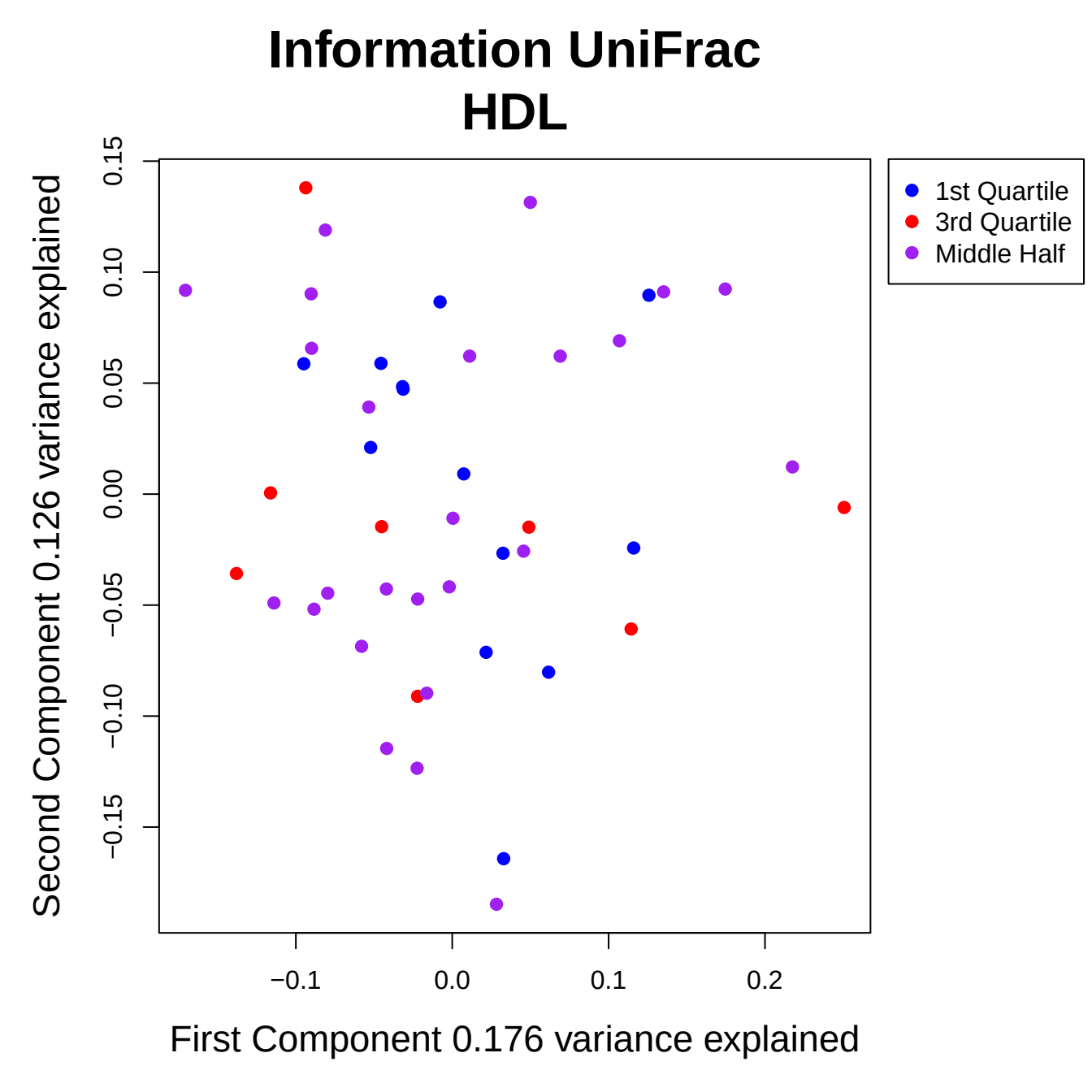

Weighted UniFrac
Triglycerides
1st Quartile
3rd Quartile
Middle Half
Second Component 0.183 variance explained
First Component 0.257 variance explained
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

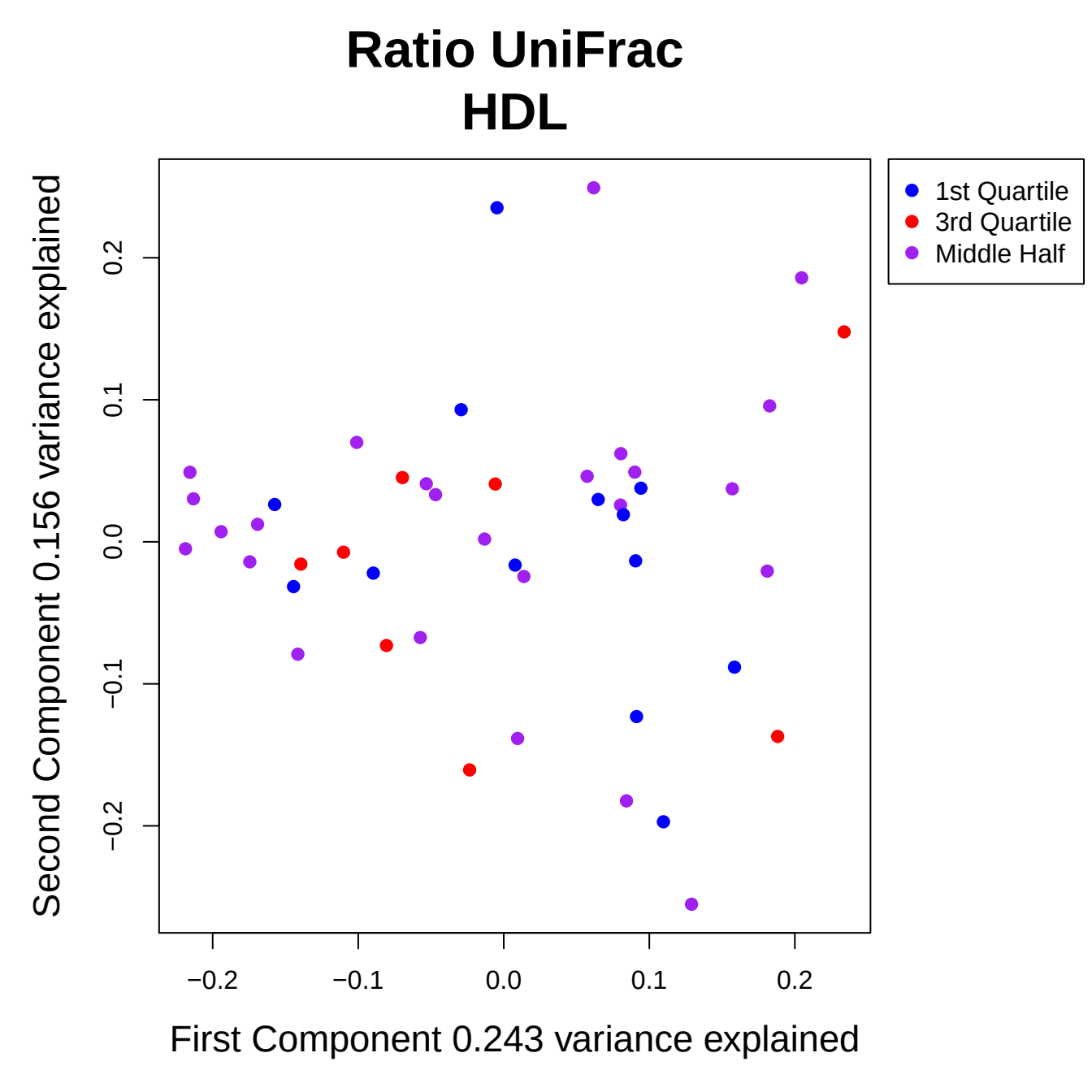

Information UniFrac
Triglycerides
1st Quartile
3rd Quartile
Middle Half
Second Component 0.126 variance explained
First Component 0.176 variance explained
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2

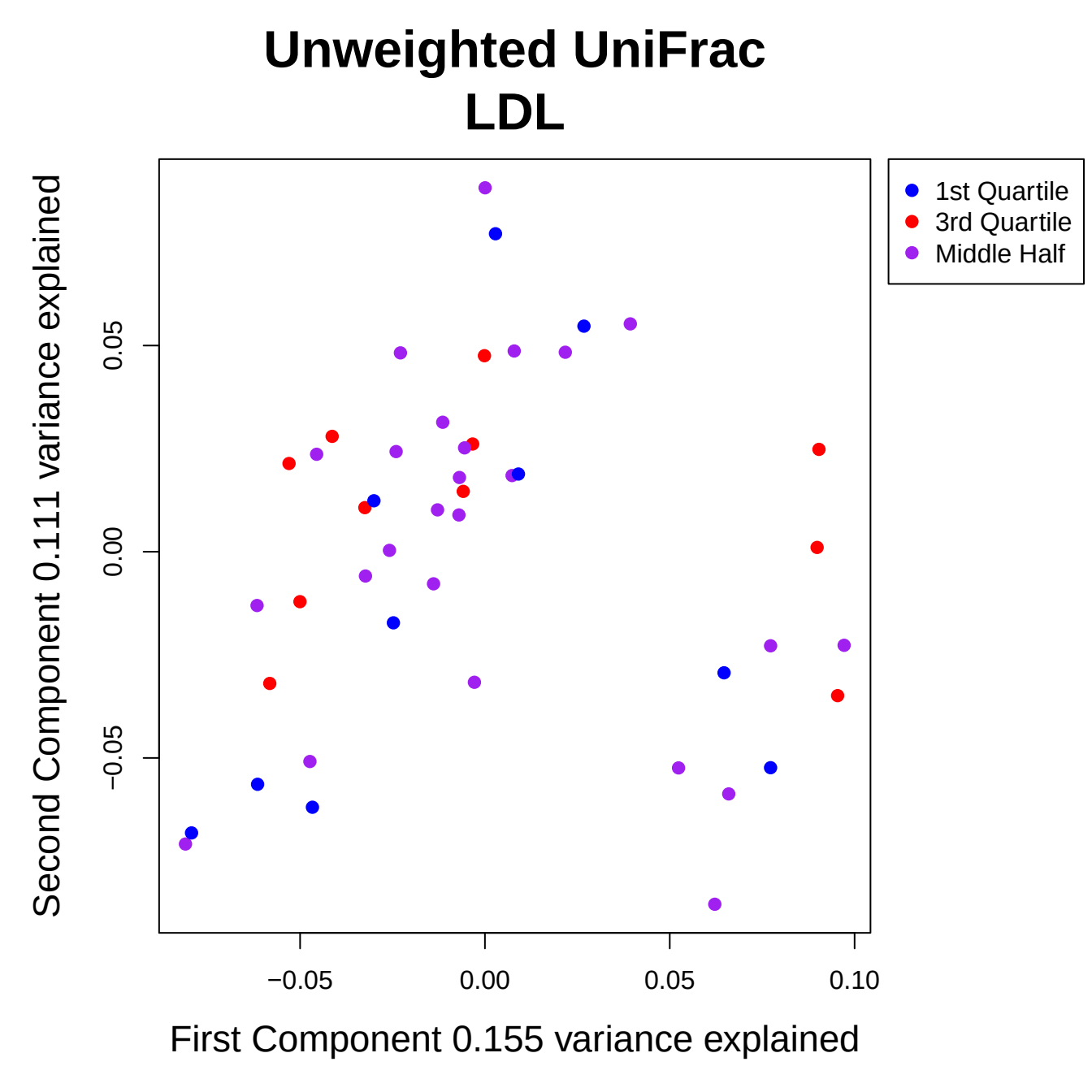

Ratio UniFrac
Triglycerides
1st Quartile
3rd Quartile
Middle Half
Second Component 0.156 variance explained
First Component 0.243 variance explained
−0.2
−0.1
0.0
0.1
0.2

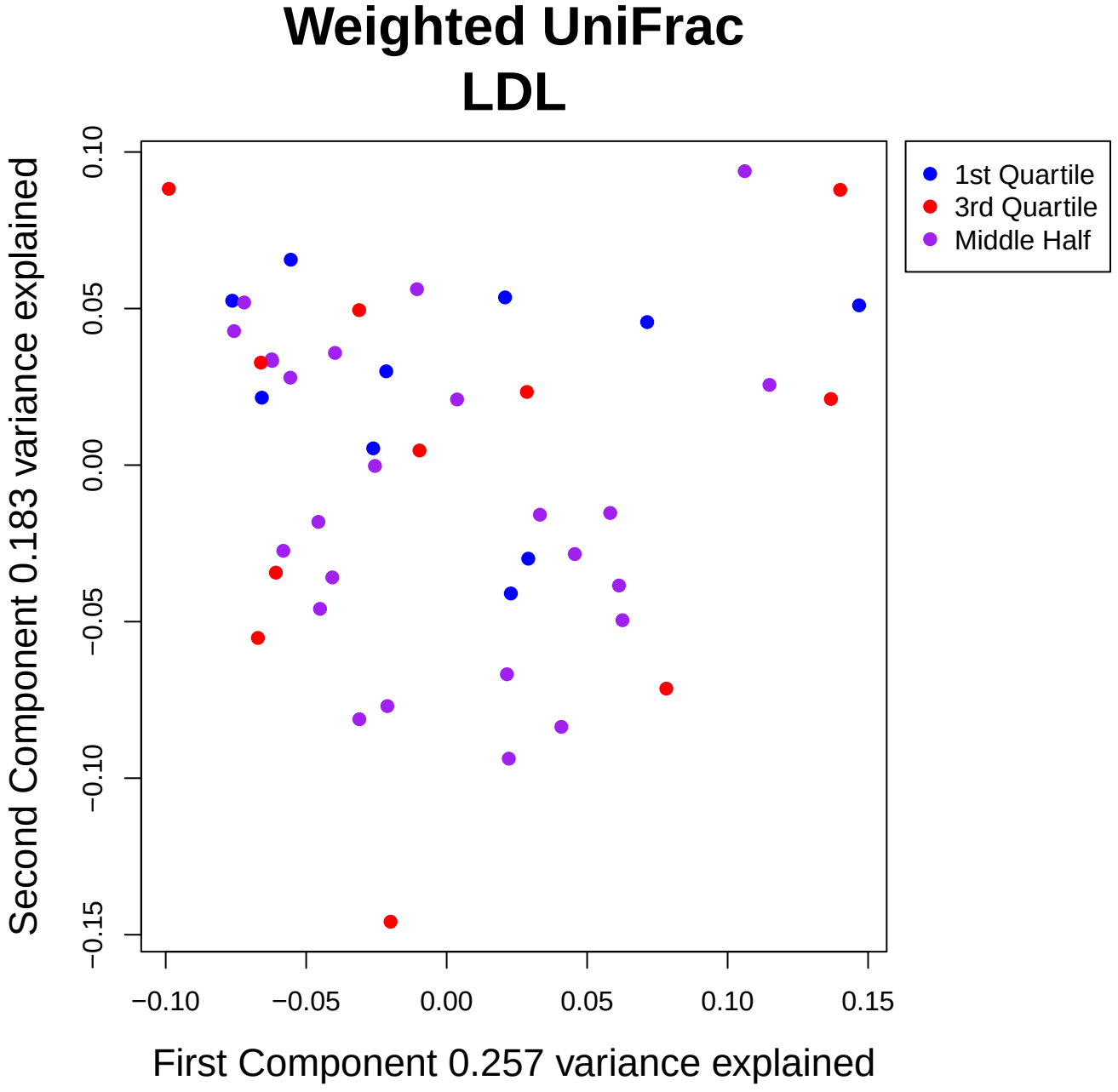

Unweighted UniFrac
HDL
1st Quartile
3rd Quartile
Middle Half
Second Component 0.111 variance explained
First Component 0.155 variance explained
−0.05
0.00
0.05
0.10
−0.05
0.00
0.05

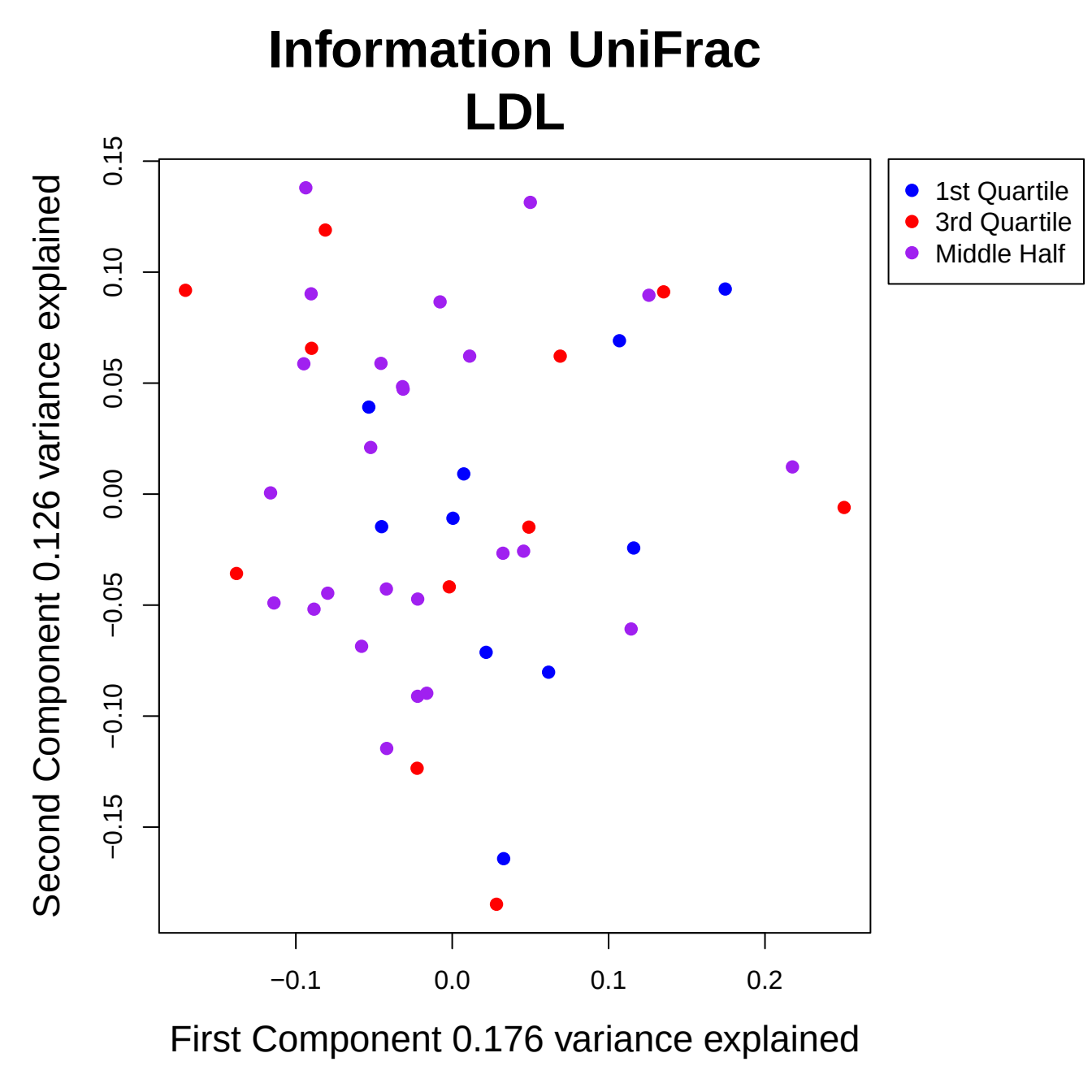

Weighted UniFrac
HDL
1st Quartile
3rd Quartile
Middle Half
Second Component 0.183 variance explained
First Component 0.257 variance explained
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

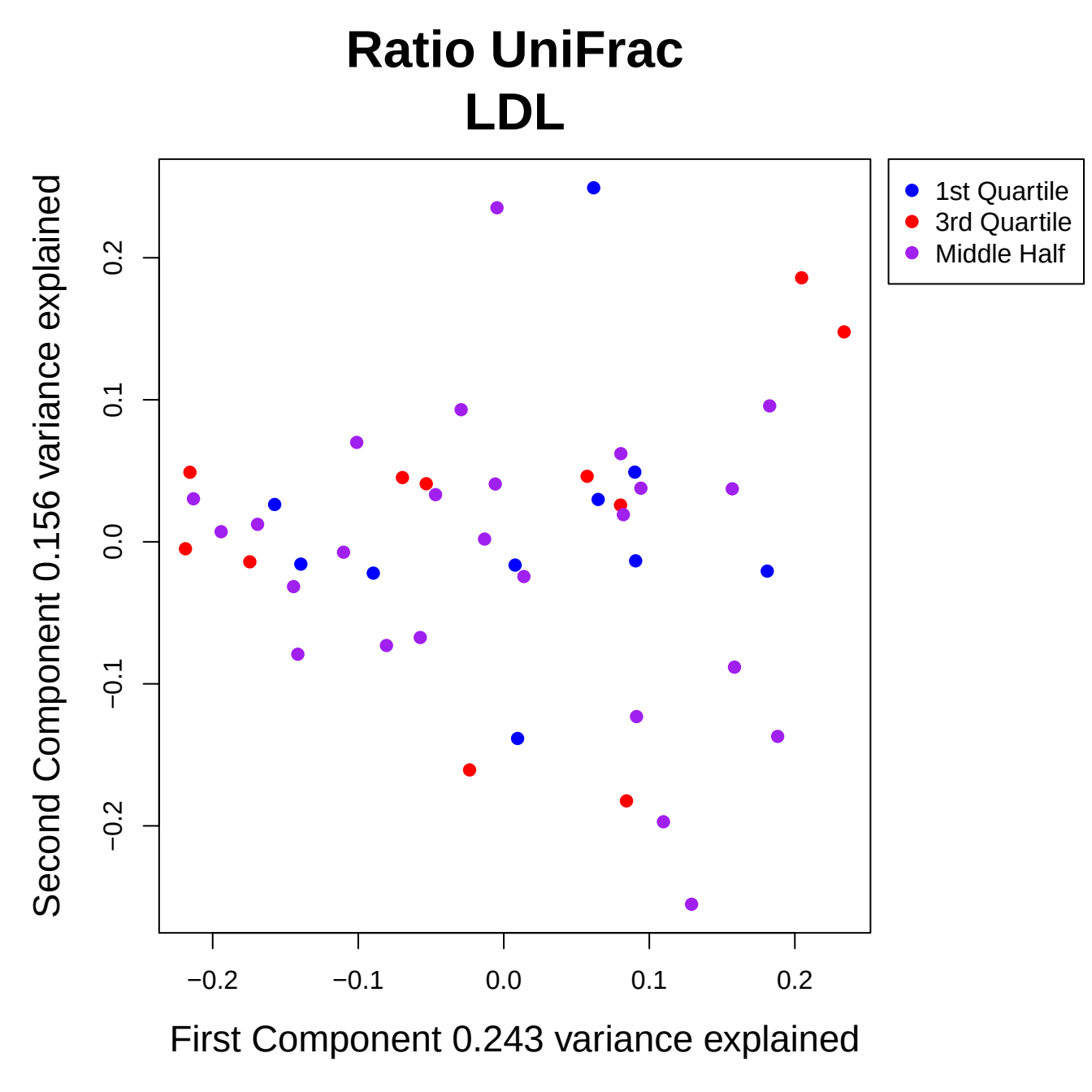

Information UniFrac
HDL
Second Component 0.126 variance explained
First Component 0.176 variance explained
1st Quartile
3rd Quartile
Middle Half
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2


Ratio UniFrac
HDL
1st Quartile
3rd Quartile
Middle Half
Second Component 0.156 variance explained
First Component 0.243 variance explained
−0.2
−0.1
0.0
0.1
0.2


Unweighted UniFrac
LDL
1st Quartile
3rd Quartile
Middle Half
Second Component 0.111 variance explained
First Component 0.155 variance explained
0.05
0.00
−0.05
−0.05
0.00
0.05
0.10


Weighted UniFrac
LDL
1st Quartile
3rd Quartile
Middle Half
Second Component 0.183 variance explained
First Component 0.257 variance explained
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15


Information UniFrac
LDL
1st Quartile
3rd Quartile
Middle Half
Second Component 0.126 variance explained
First Component 0.176 variance explained
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.1
0.0
0.1
0.2


Ratio UniFrac
LDL
1st Quartile
3rd Quartile
Middle Half
Second Component 0.156 variance explained
First Component 0.243 variance explained
−0.2
−0.1
0.0
0.1
0.2