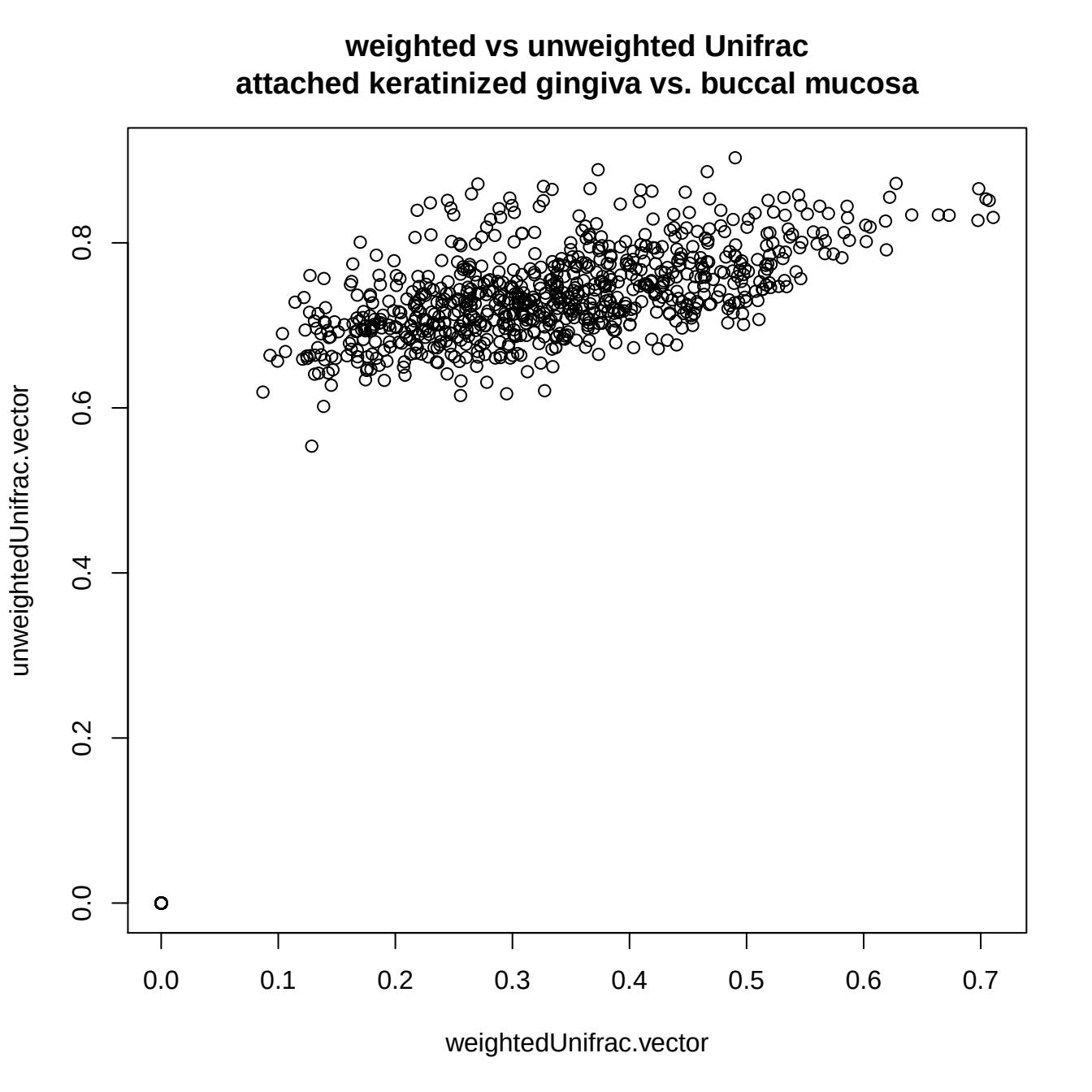
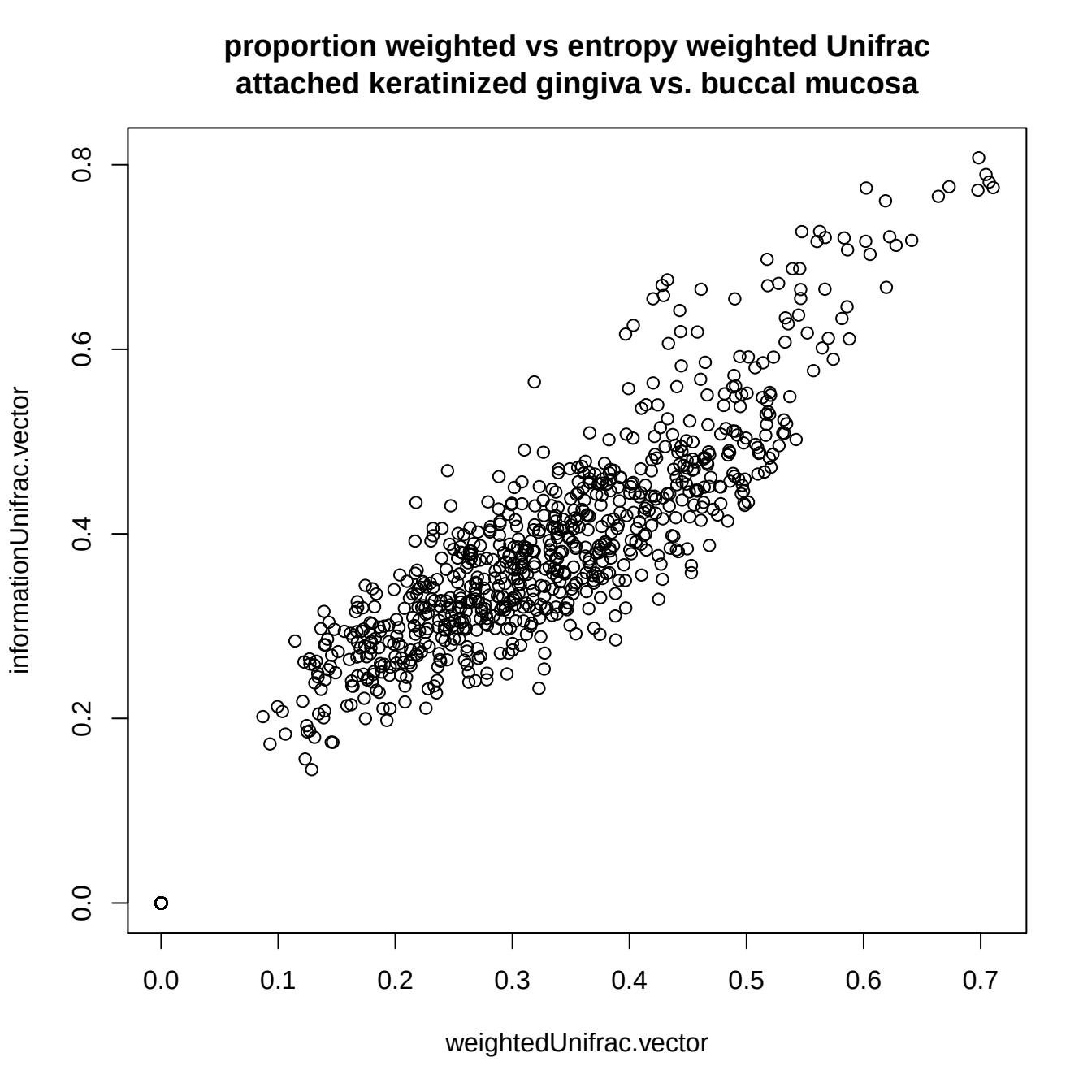
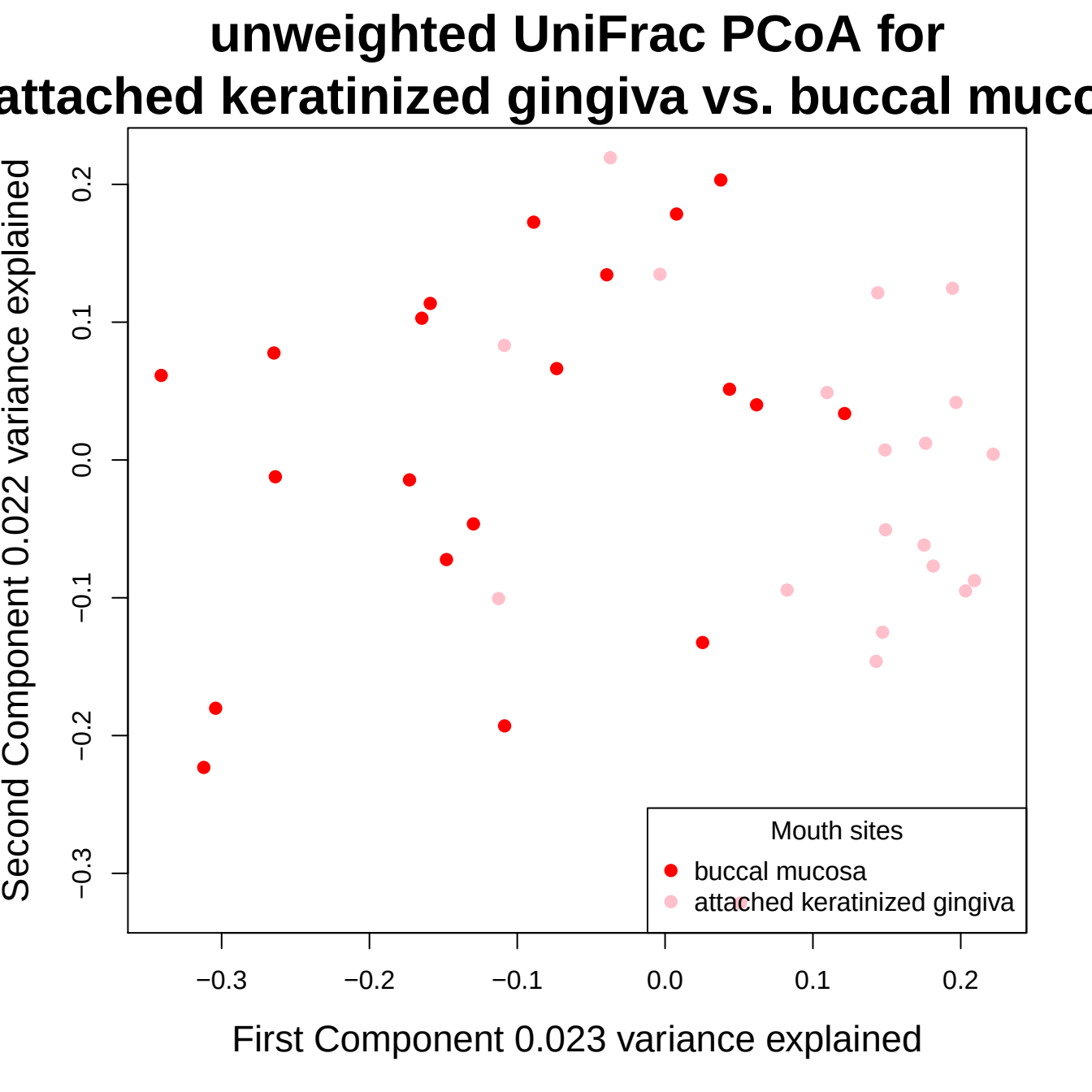
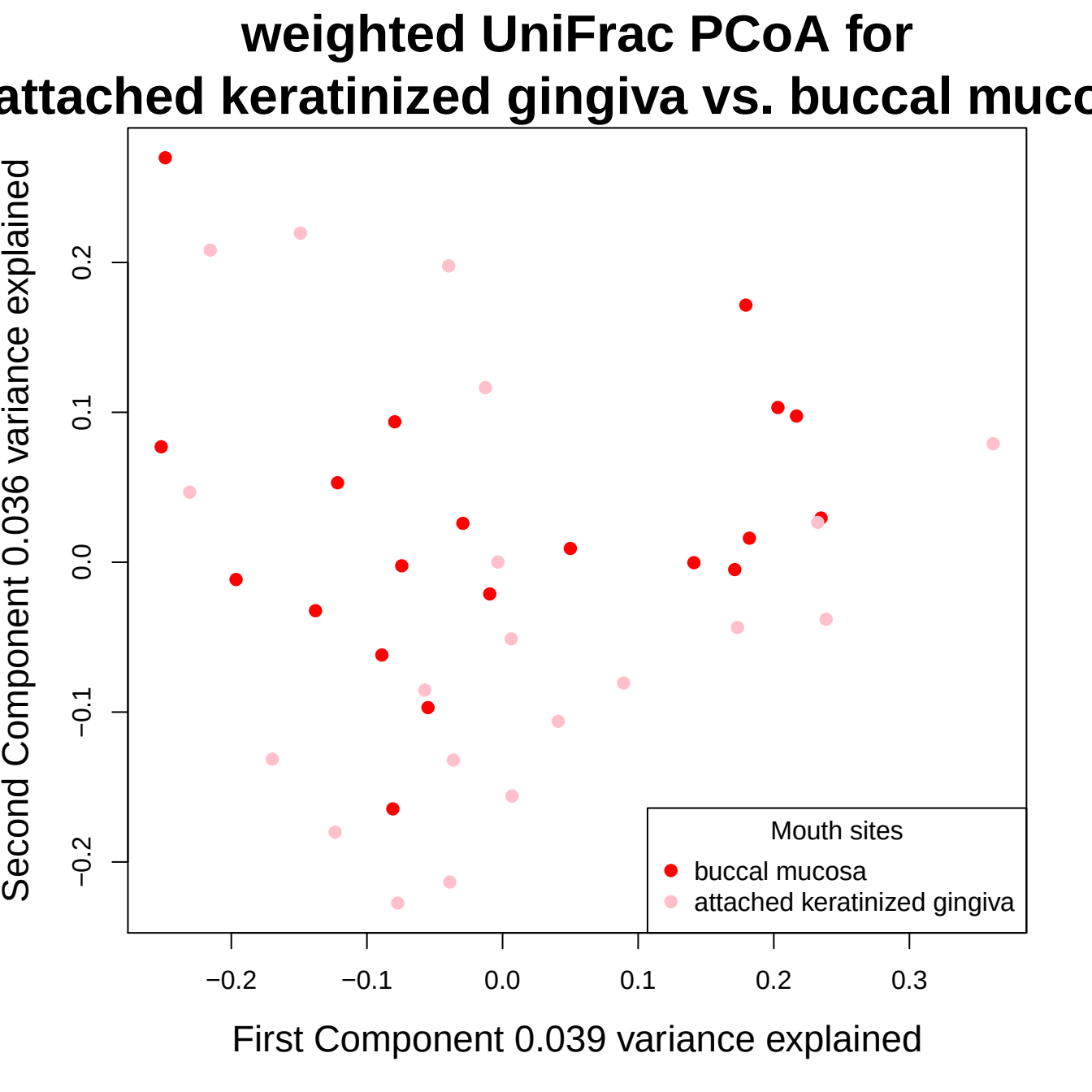
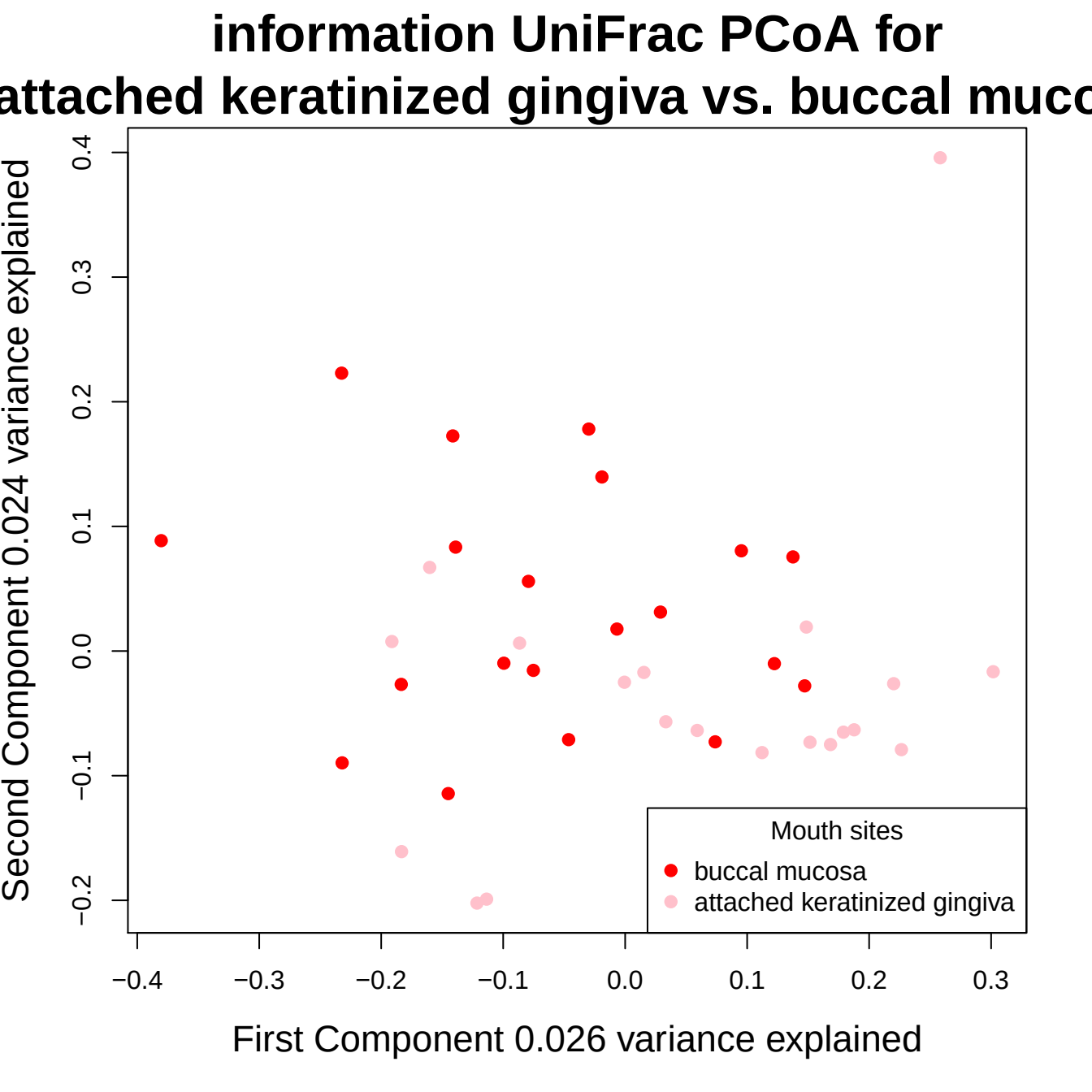
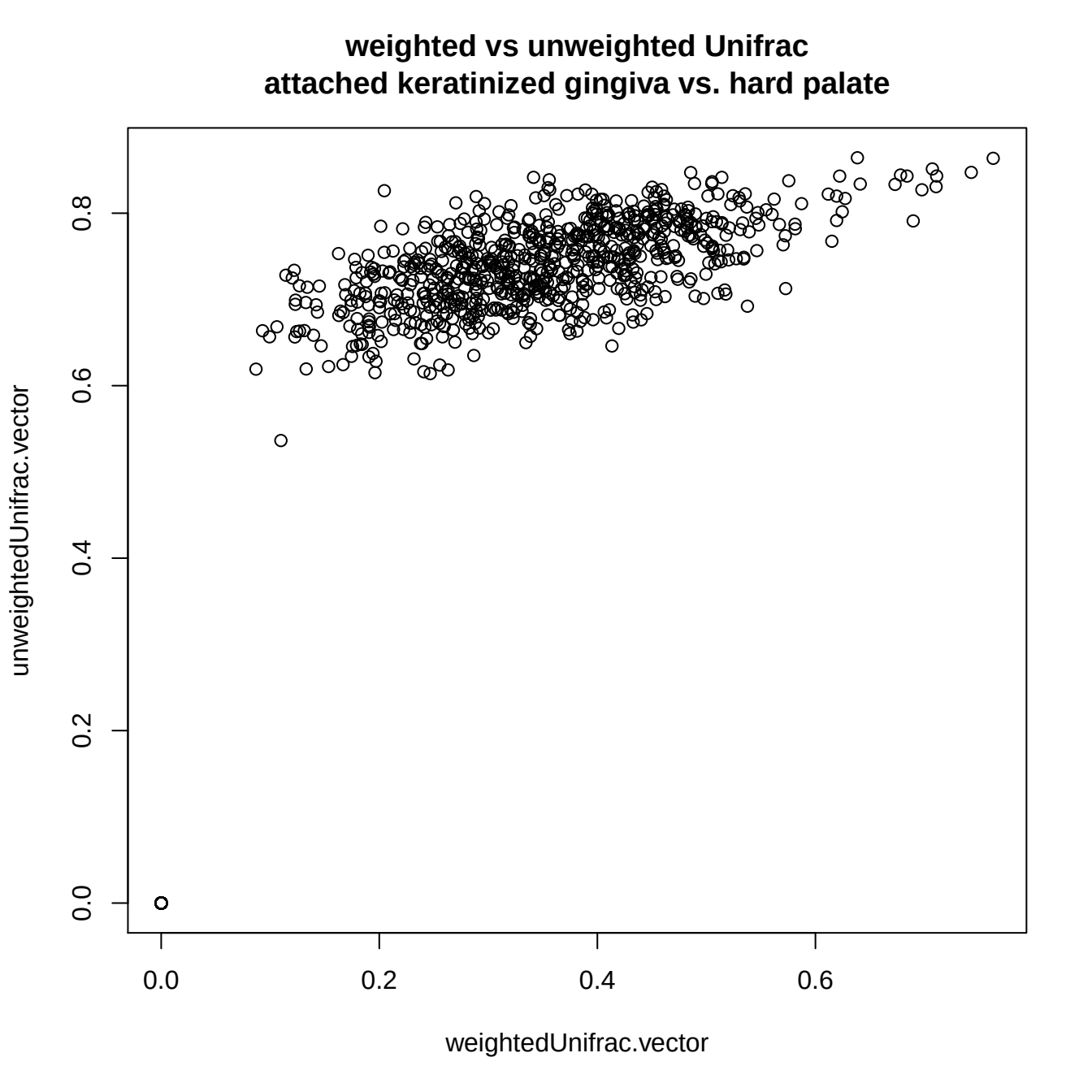

weighted vs unweighted Unifrac
attached keratinized gingiva vs. buccal mucosa
unweightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
weightedUnifrac.vector

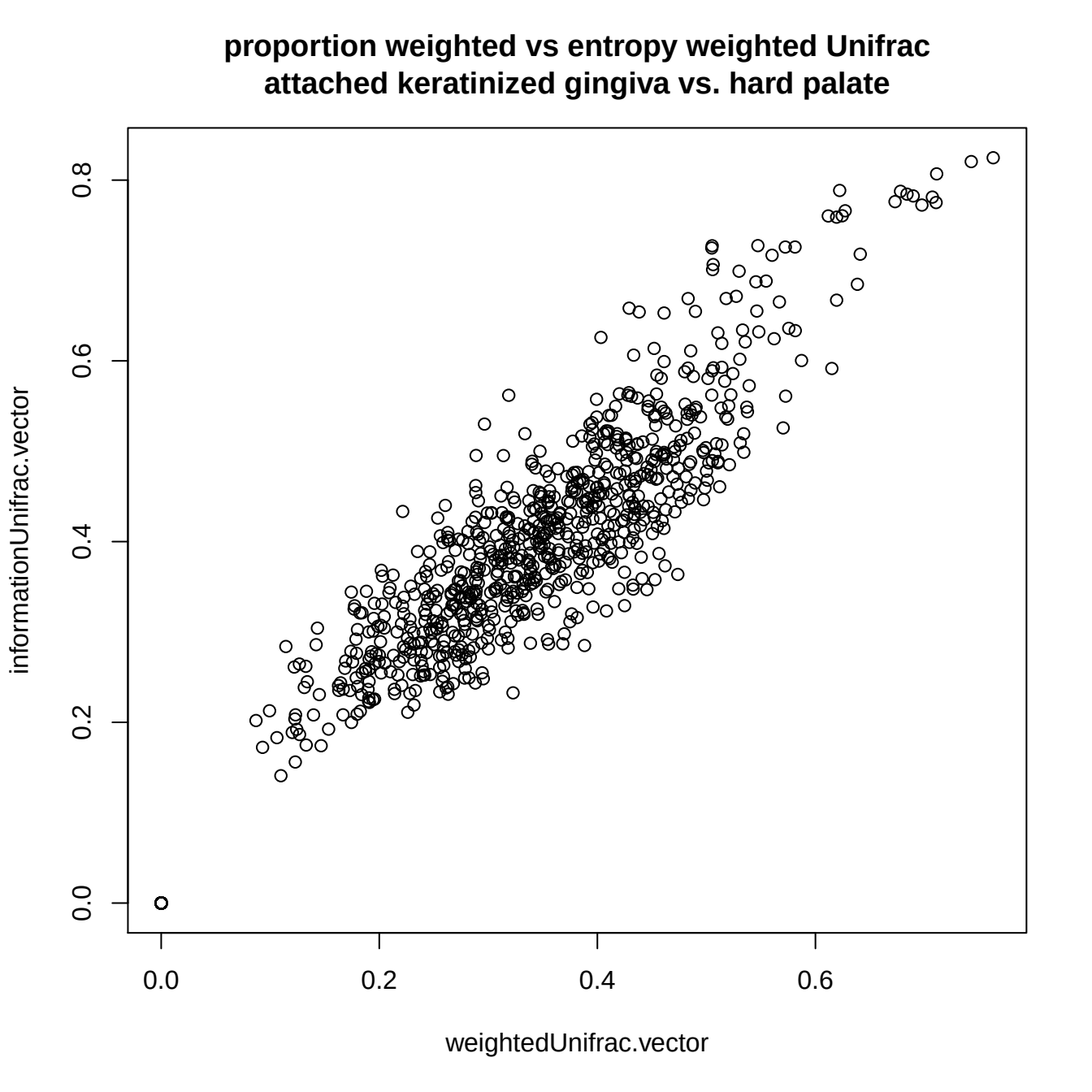

proportion weighted vs entropy weighted Unifrac
attached keratinized gingiva vs. buccal mucosa
informationUnifrac.vector
weightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

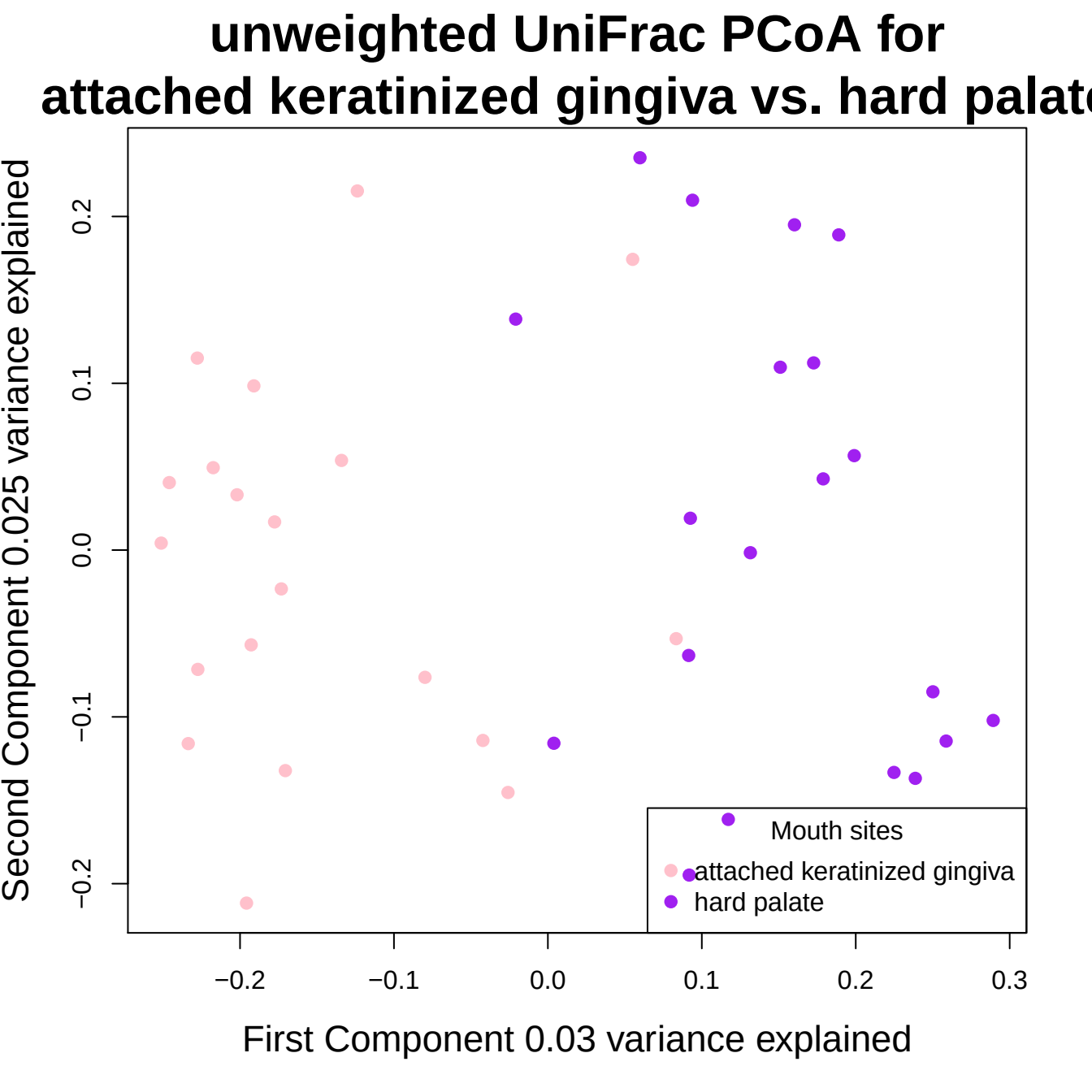

unweighted UniFrac PCoA for
attached keratinized gingiva vs. buccal muco
Second Component 0.022 variance explained
First Component 0.023 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.3
−0.2
−0.1
0.0
0.1
0.2
Mouth sites
buccal mucosa
attached keratinized gingiva

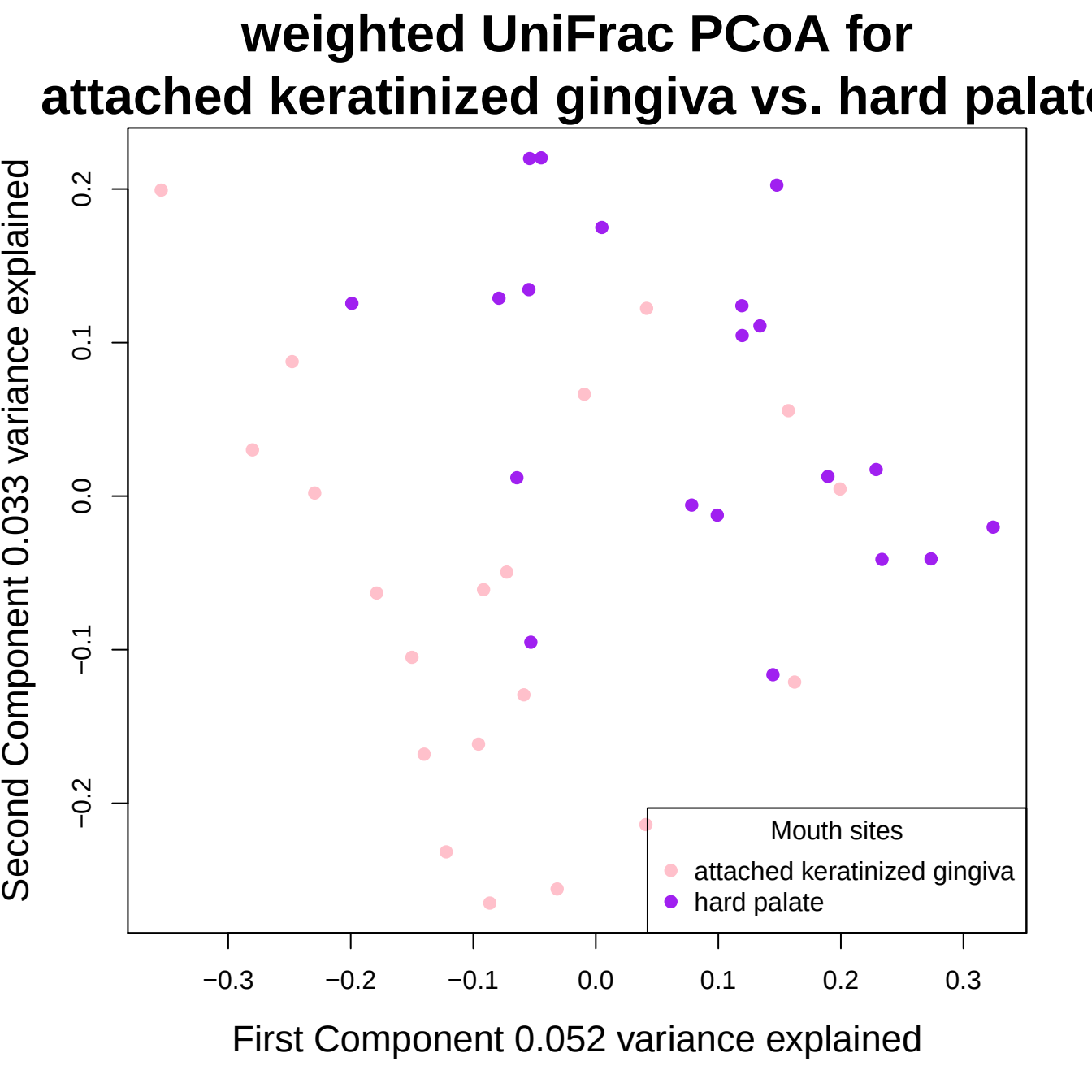

weighted UniFrac PCoA for
attached keratinized gingiva vs. buccal muco
Second Component 0.036 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.2
−0.1
0.0
0.1
0.2
0.3
First Component 0.039 variance explained
Mouth sites
buccal mucosa
attached keratinized gingiva

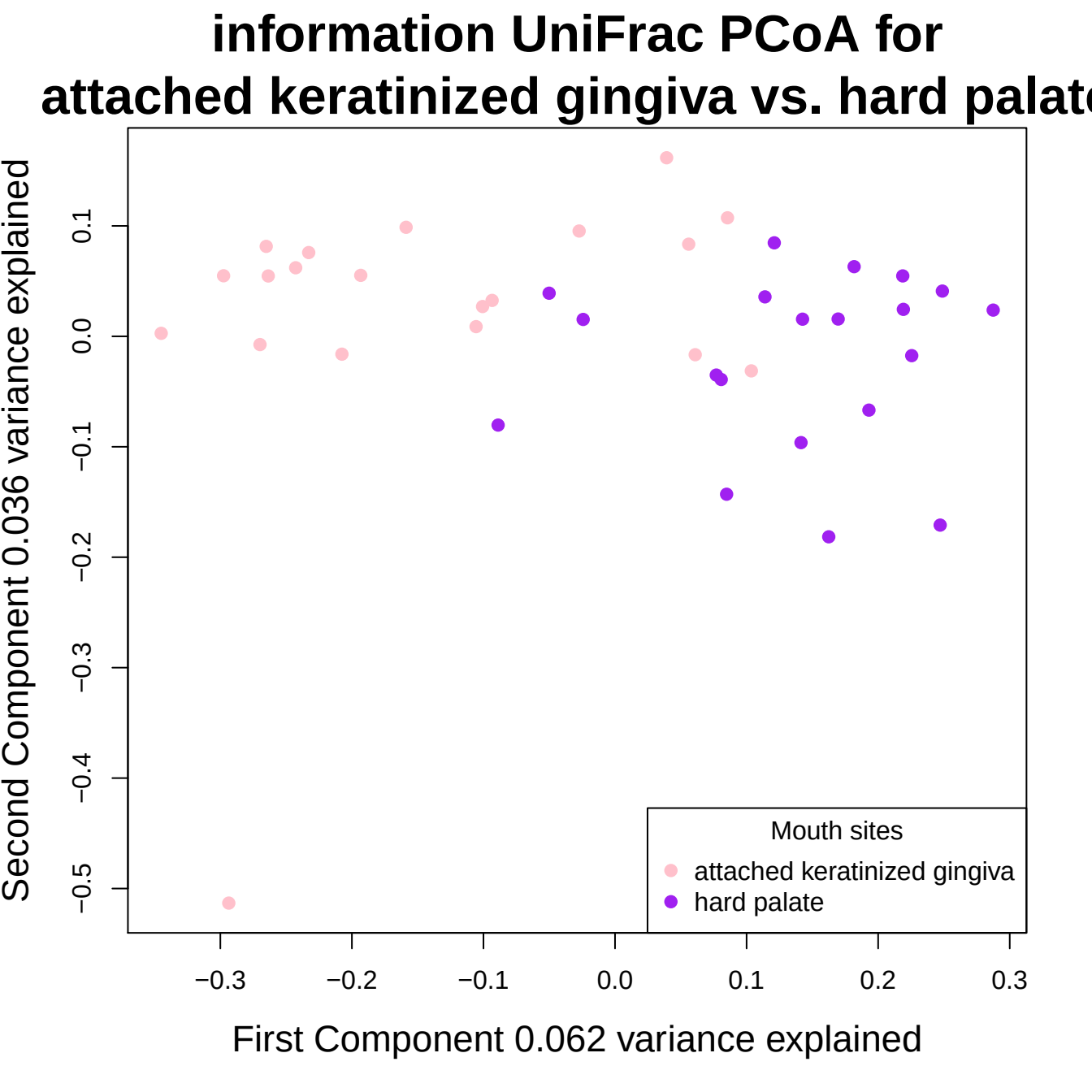

information UniFrac PCoA for
attached keratinized gingiva vs. buccal muco
Second Component 0.024 variance explained
First Component 0.026 variance explained
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.4
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
Mouth sites
buccal mucosa
attached keratinized gingiva

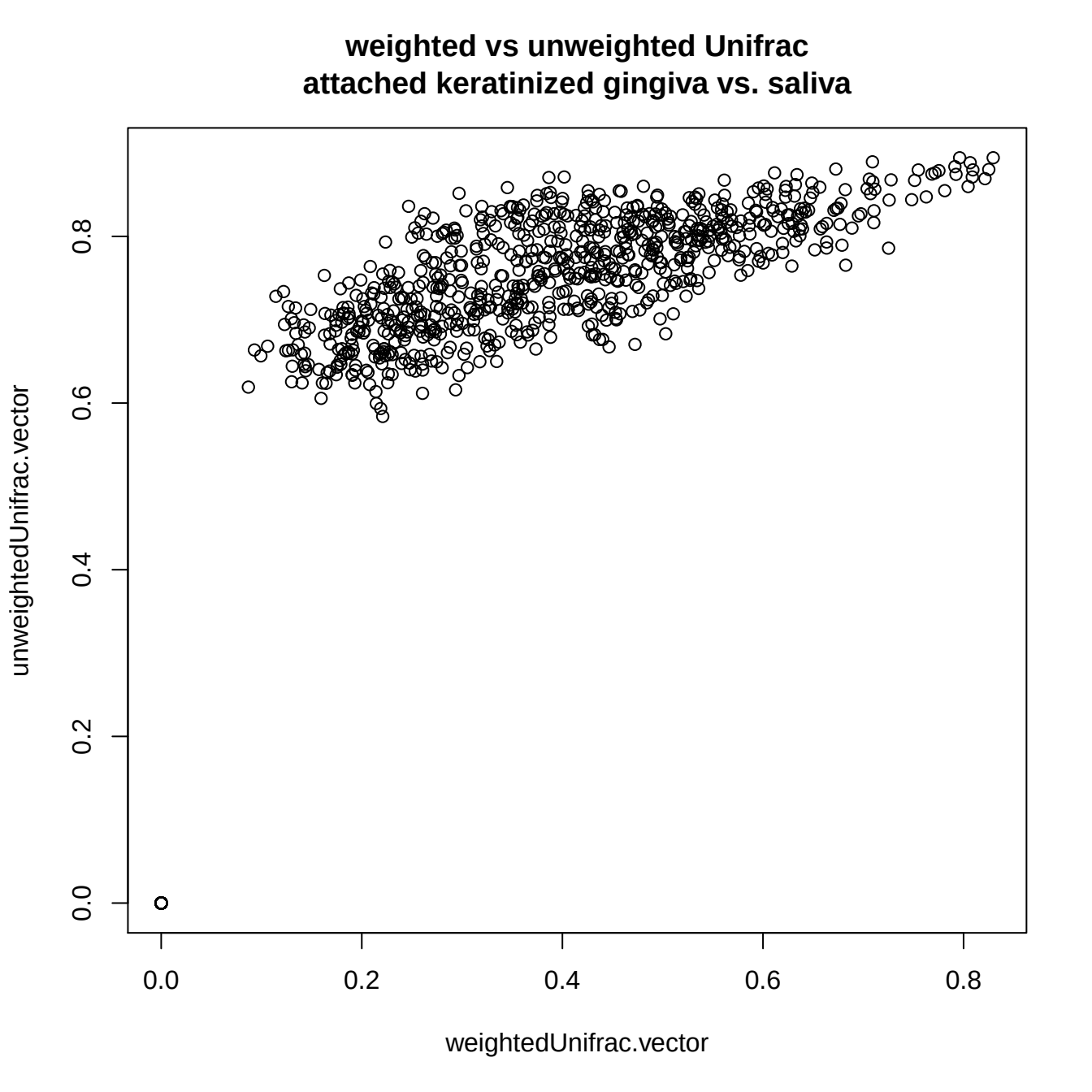

weighted vs unweighted Unifrac
attached keratinized gingiva vs. hard palate
unweightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8
weightedUnifrac.vector
0.0
0.2
0.4
0.6

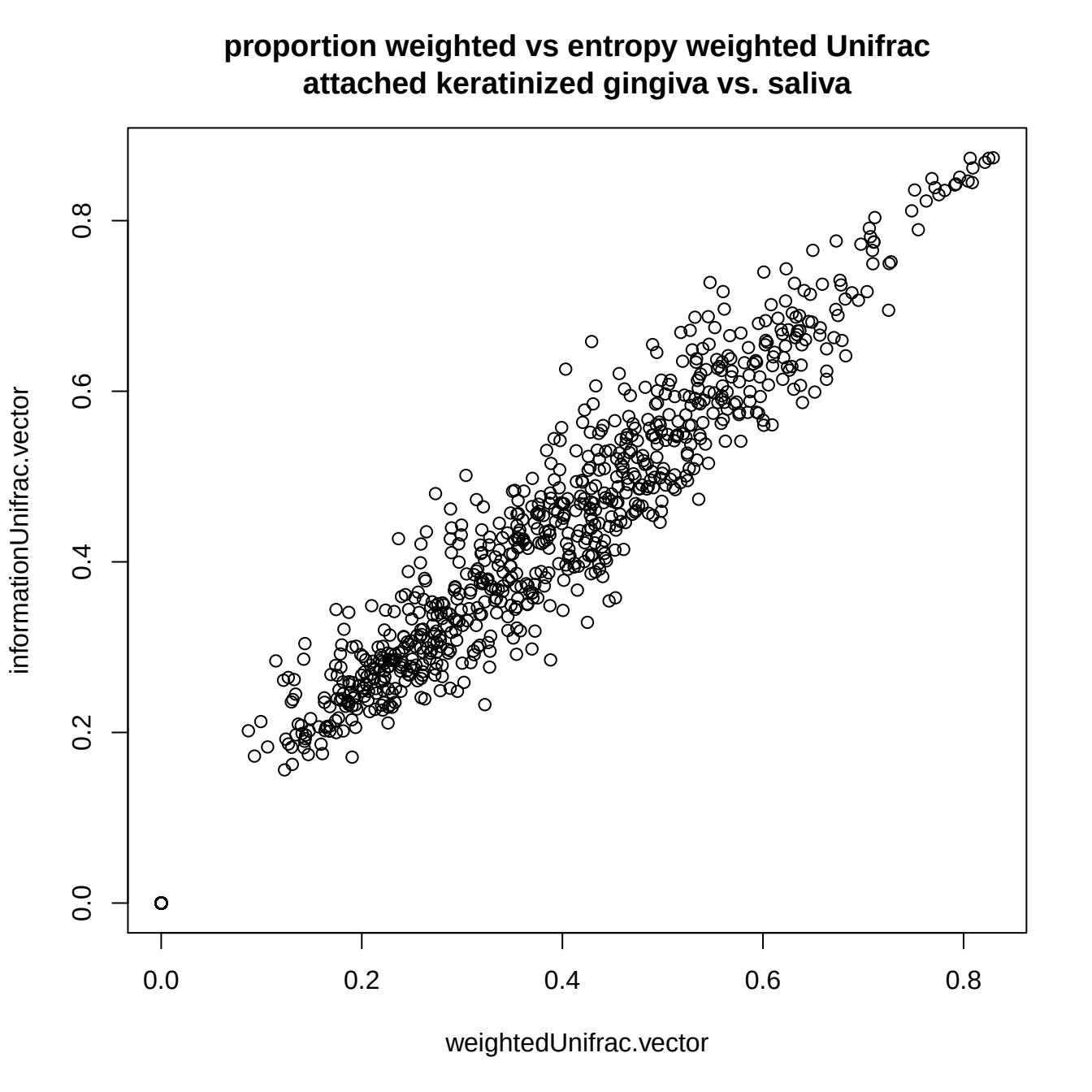

proportion weighted vs entropy weighted Unifrac
attached keratinized gingiva vs. hard palate
informationUnifrac.vector
weightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8
0.0
0.2
0.4
0.6

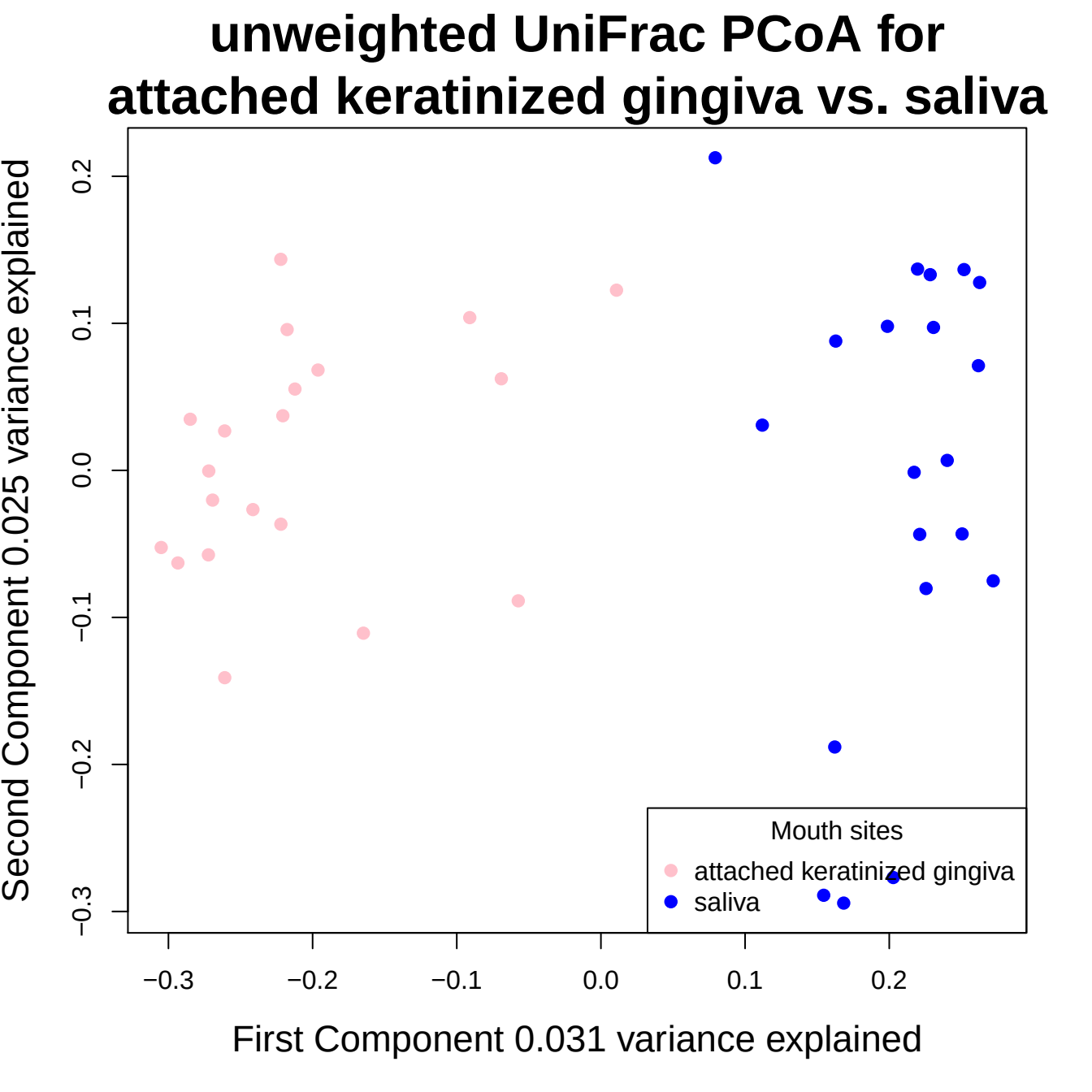

unweighted UniFrac PCoA for
attached keratinized gingiva vs. hard palate
Second Component 0.025 variance explained
First Component 0.03 variance explained
−0.2
−0.1
0.0
0.1
0.2
0.3
Mouth sites
attached keratinized gingiva
hard palate

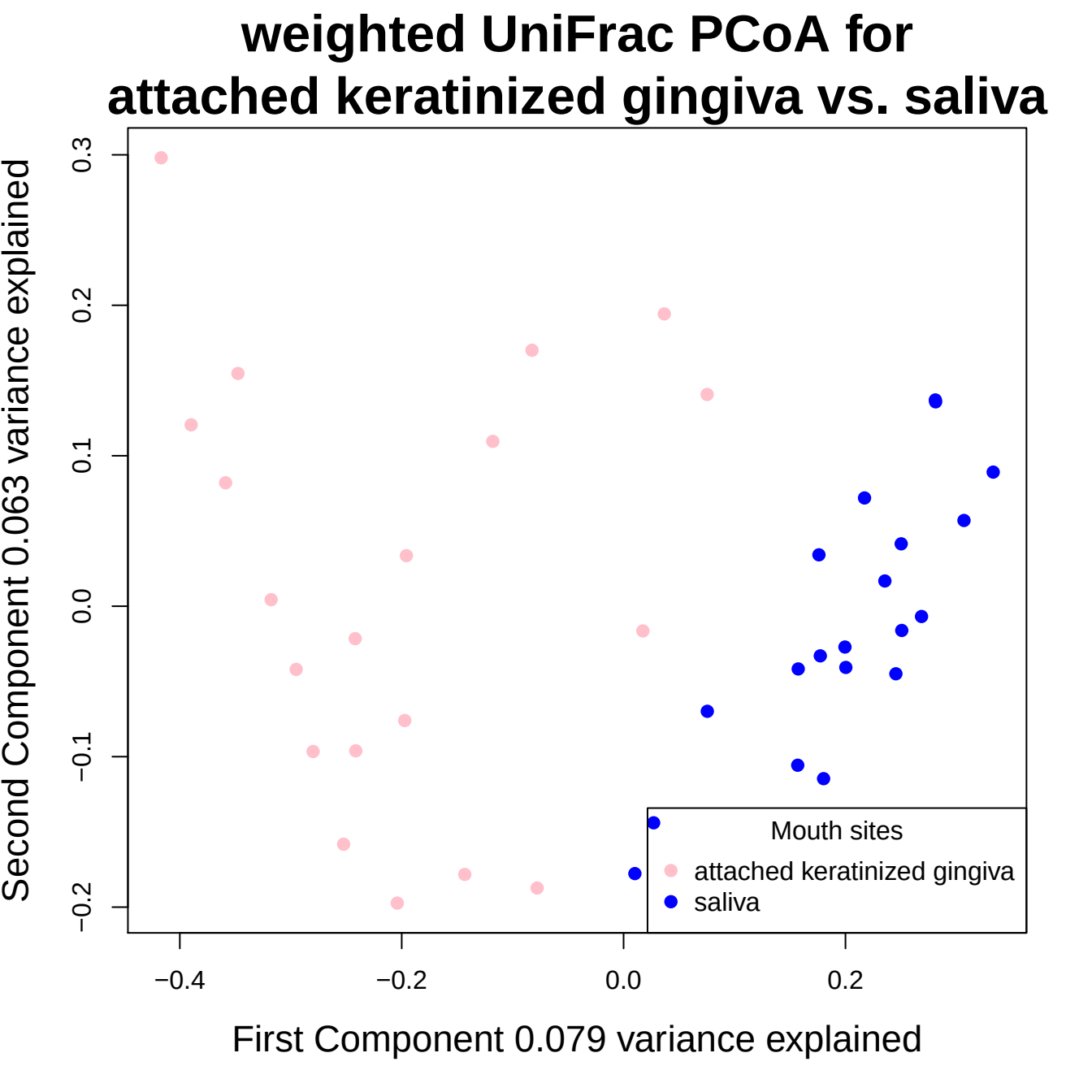

weighted UniFrac PCoA for
attached keratinized gingiva vs. hard palate
Second Component 0.033 variance explained
First Component 0.052 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
Mouth sites
attached keratinized gingiva
hard palate

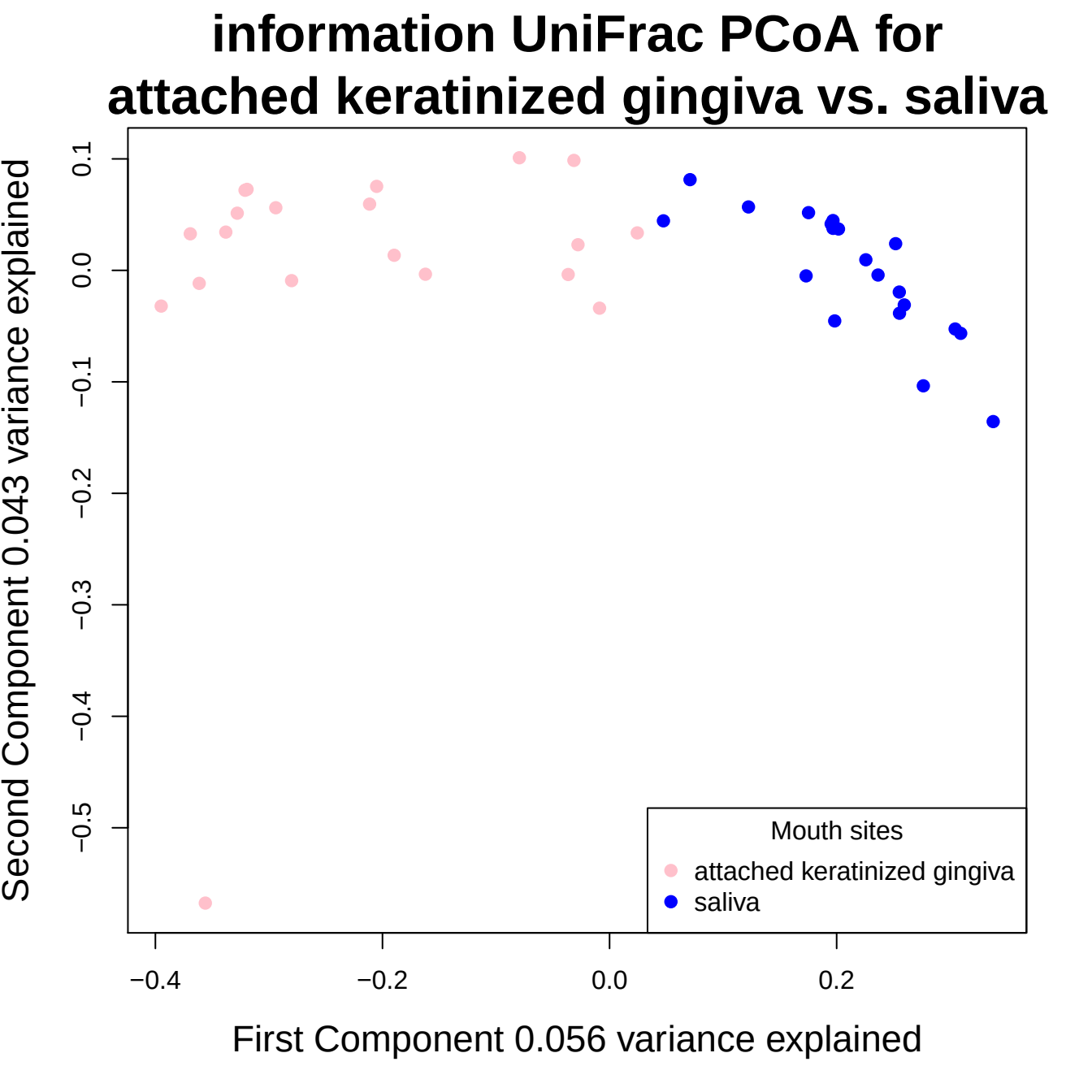

information UniFrac PCoA for
attached keratinized gingiva vs. hard palate
Second Component 0.036 variance explained
First Component 0.062 variance explained
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
Mouth sites
attached keratinized gingiva
hard palate

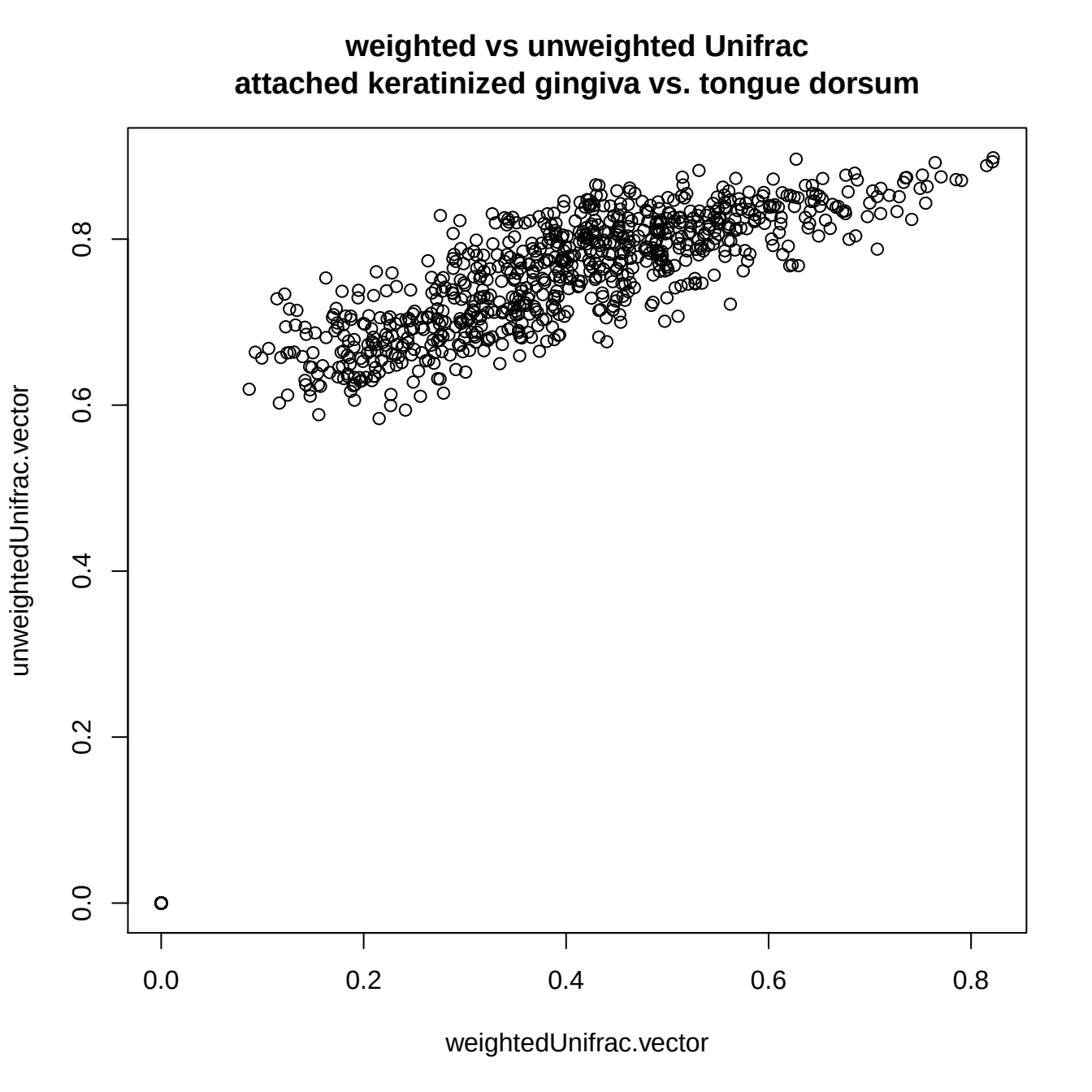

weighted vs unweighted Unifrac
attached keratinized gingiva vs. saliva
unweightedUnifrac.vector
weightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8

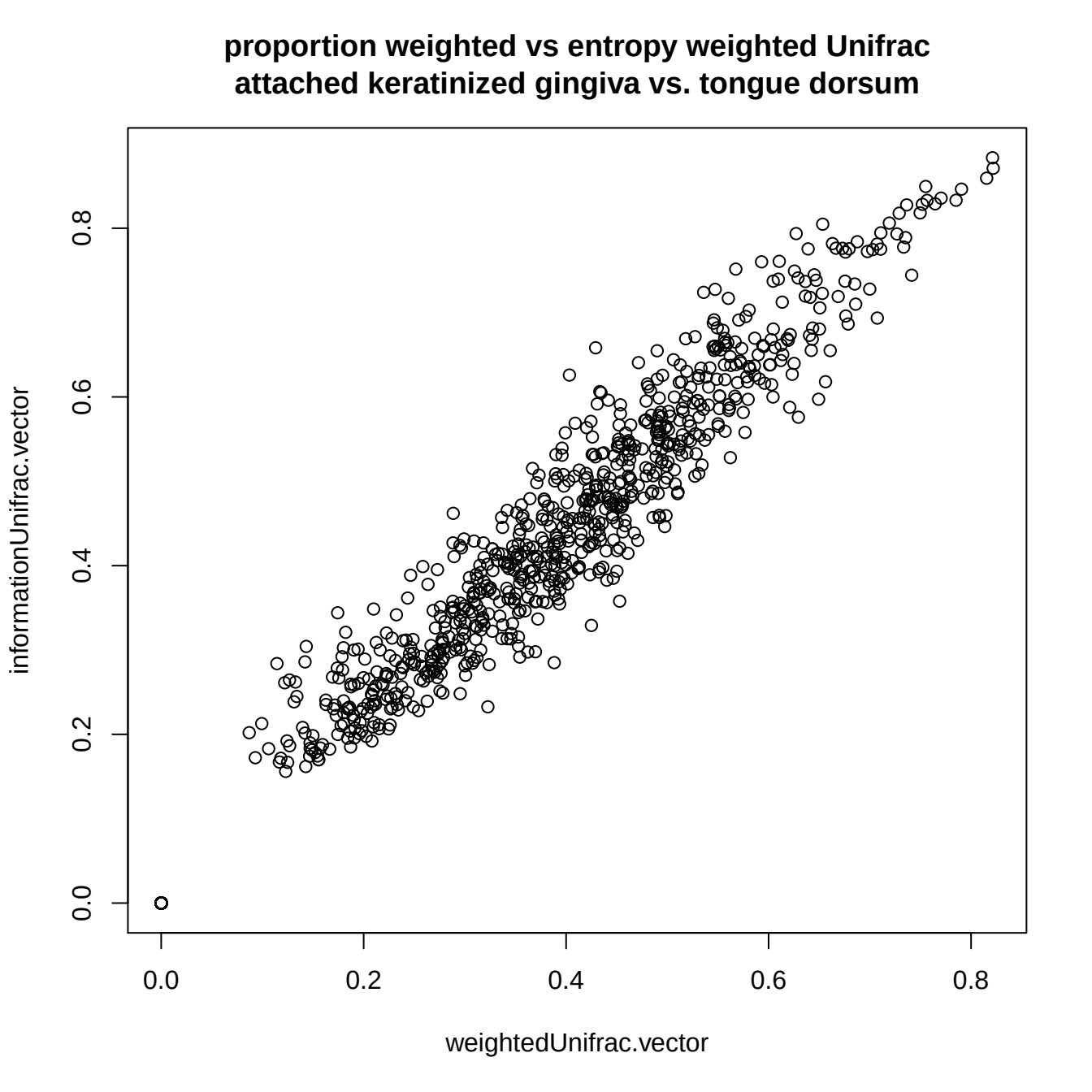

proportion weighted vs entropy weighted Unifrac
attached keratinized gingiva vs. saliva
informationUnifrac.vector
weightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8

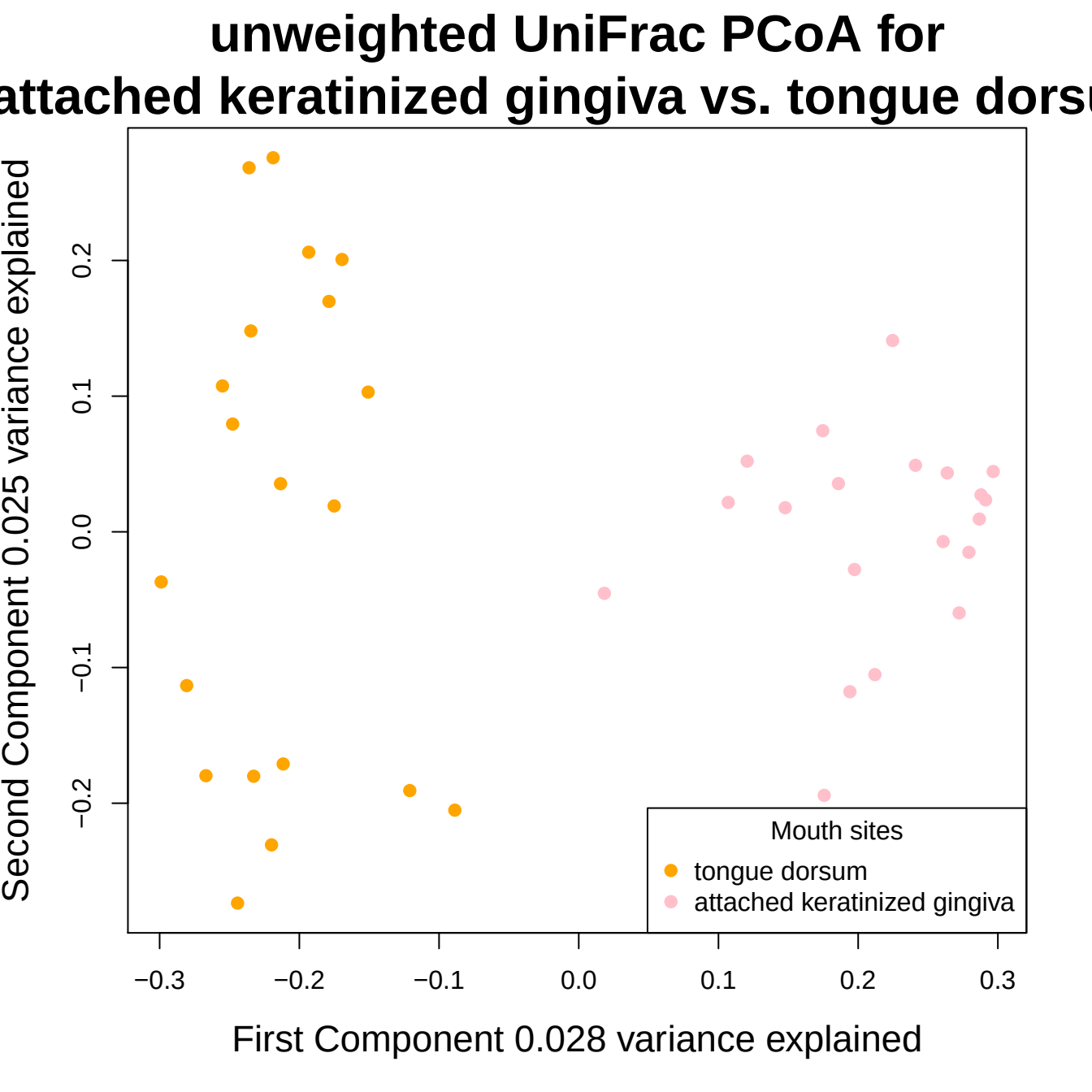

unweighted UniFrac PCoA for attached keratinized gingiva vs. saliva
Second Component 0.025 variance explained
First Component 0.031 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.3
−0.2
−0.1
0.0
0.1
0.2
Mouth sites
attached keratinized gingiva
saliva

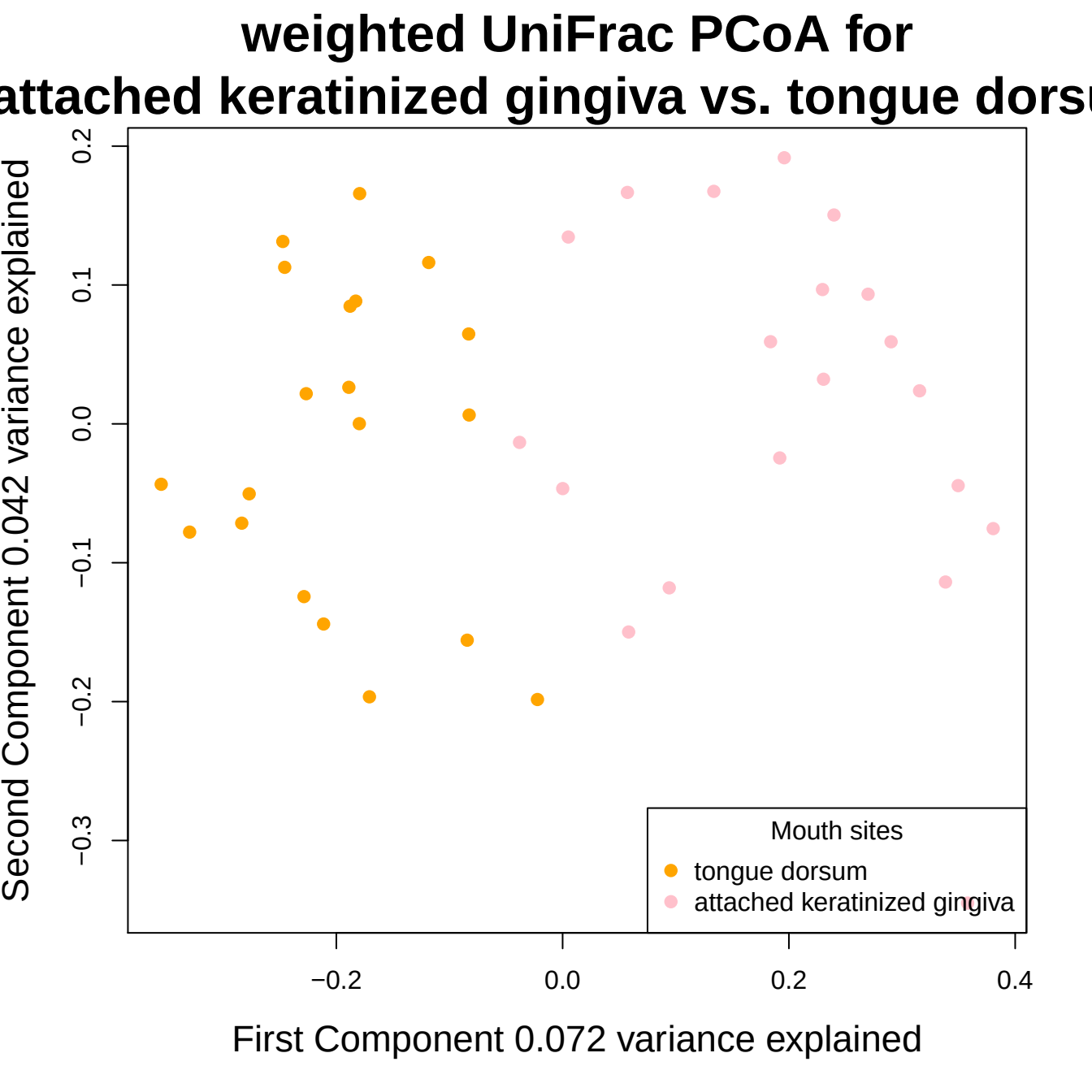

weighted UniFrac PCoA for attached keratinized gingiva vs. saliva
Second Component 0.063 variance explained
First Component 0.079 variance explained
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.4
−0.2
0.0
0.2
Mouth sites
attached keratinized gingiva
saliva

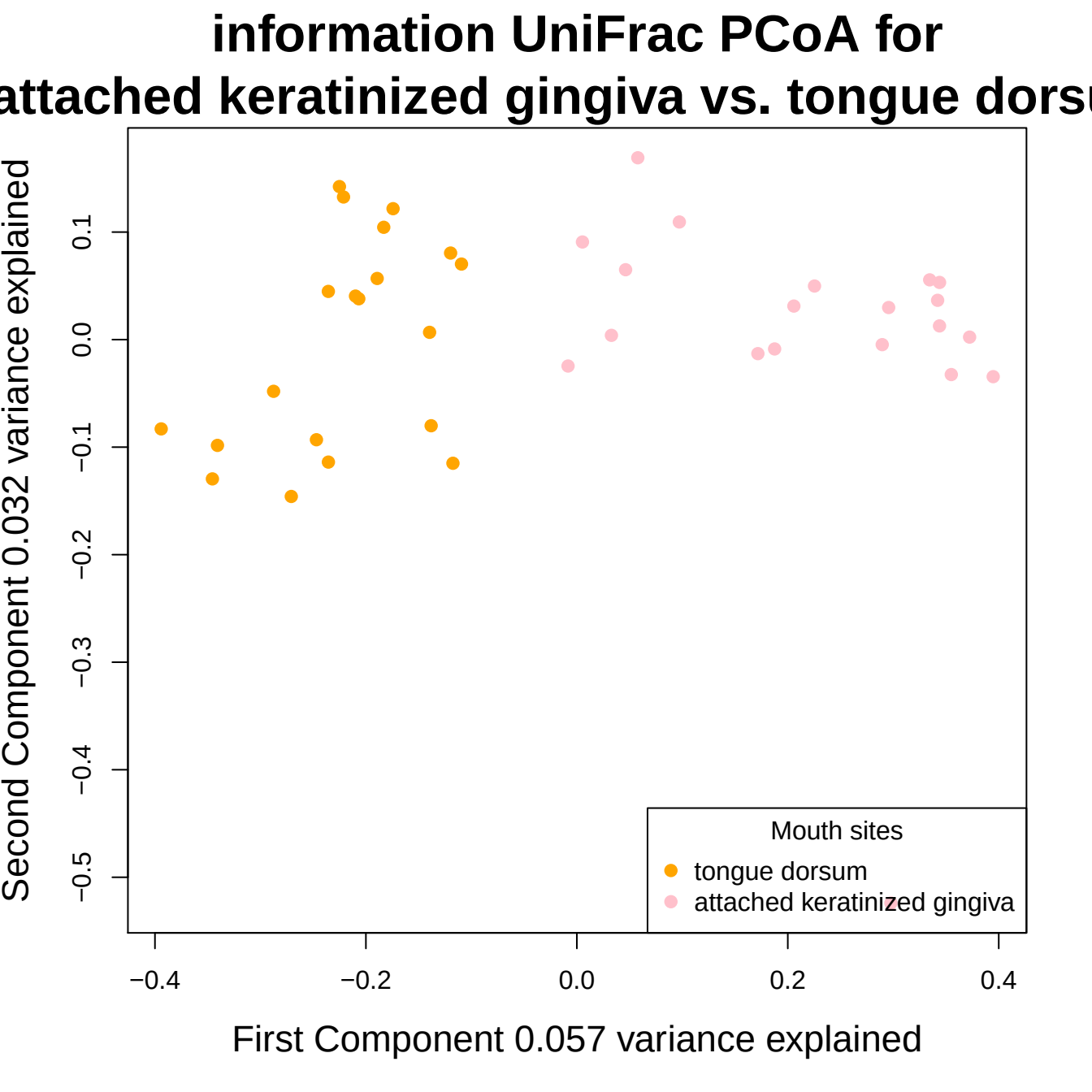

information UniFrac PCoA for attached keratinized gingiva vs. saliva
Second Component 0.043 variance explained
First Component 0.056 variance explained
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.4
−0.2
0.0
0.2
Mouth sites
attached keratinized gingiva
saliva

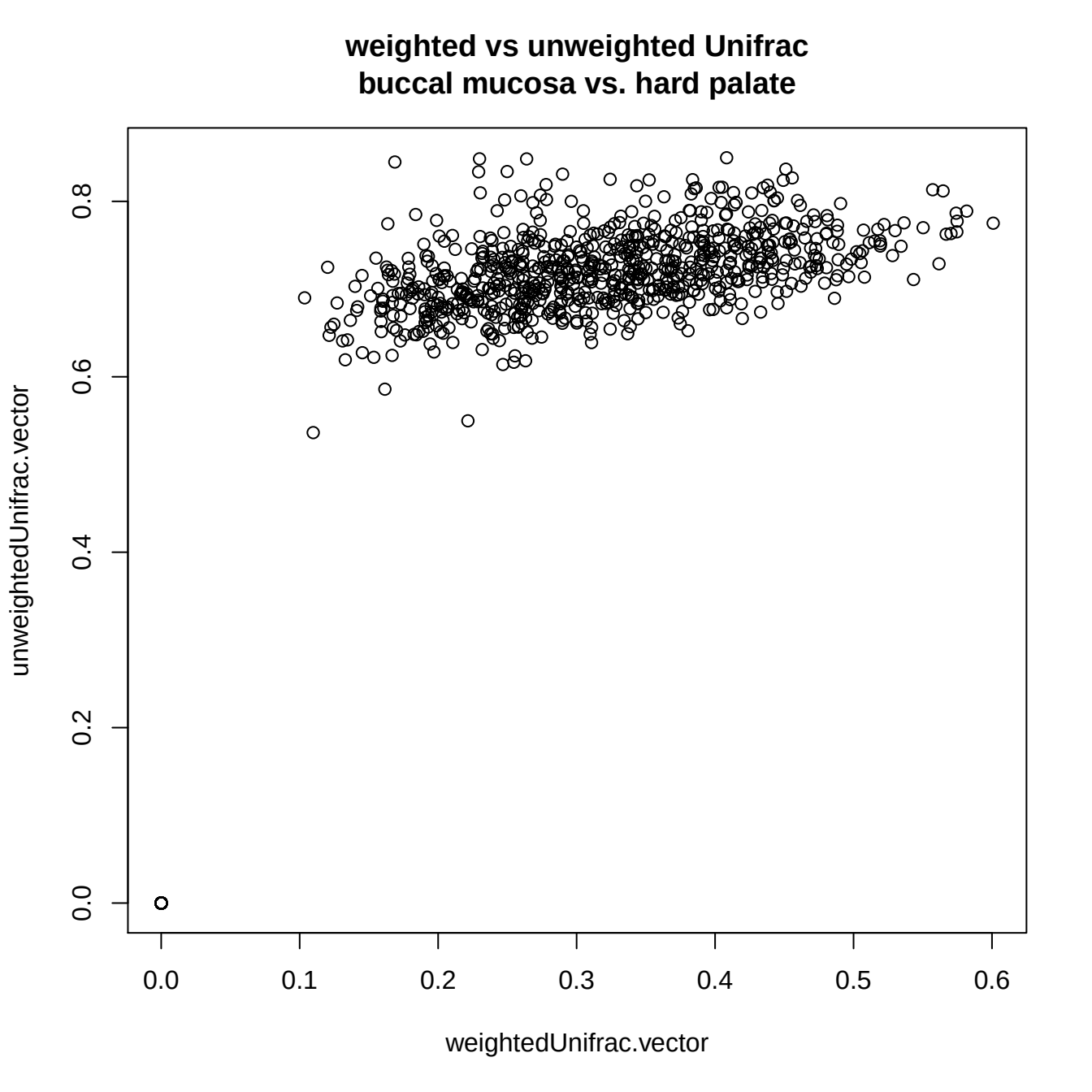

weighted vs unweighted Unifrac
attached keratinized gingiva vs. tongue dorsum
unweightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8
weightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8

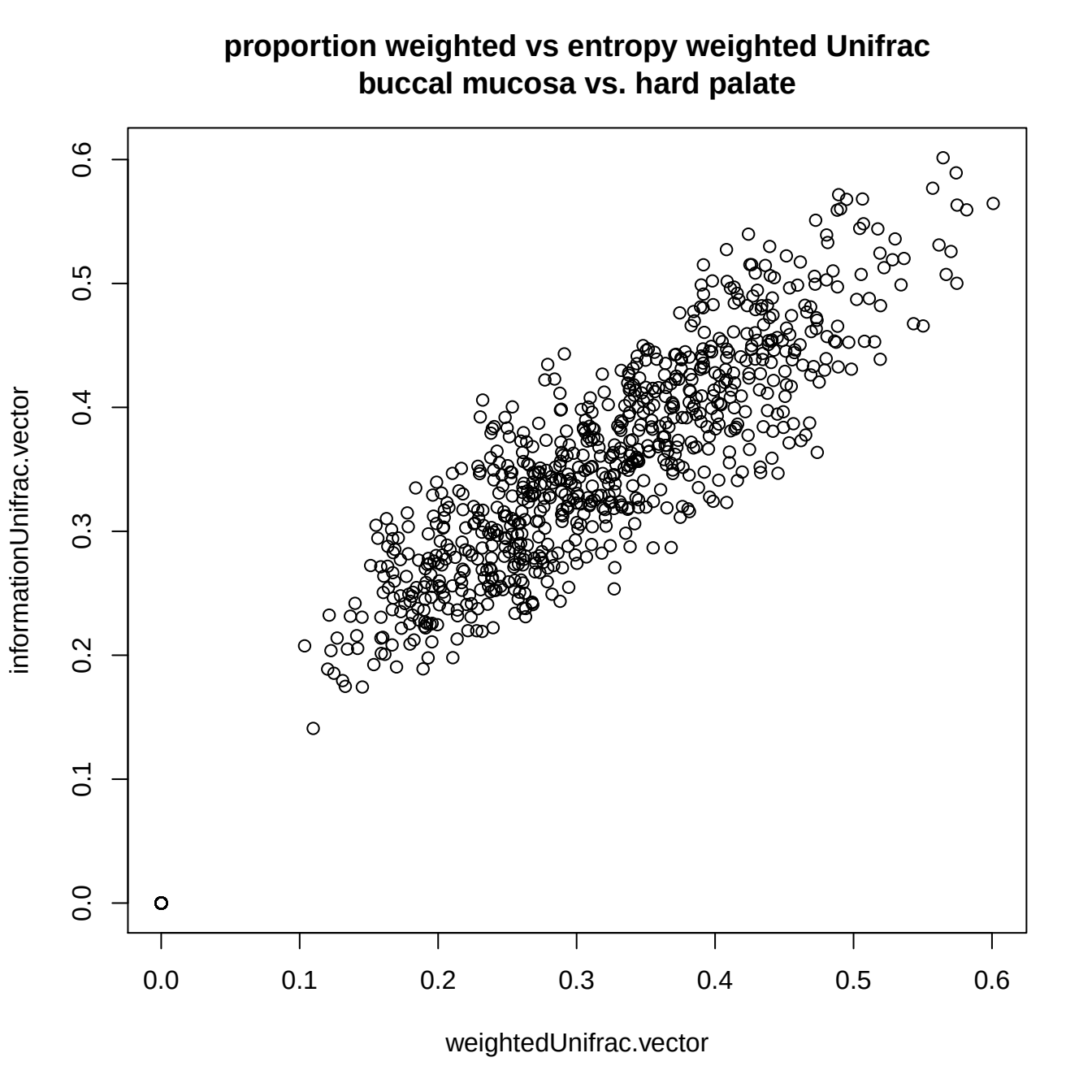

proportion weighted vs entropy weighted Unifrac
attached keratinized gingiva vs. tongue dorsum
informationUnifrac.vector
weightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8

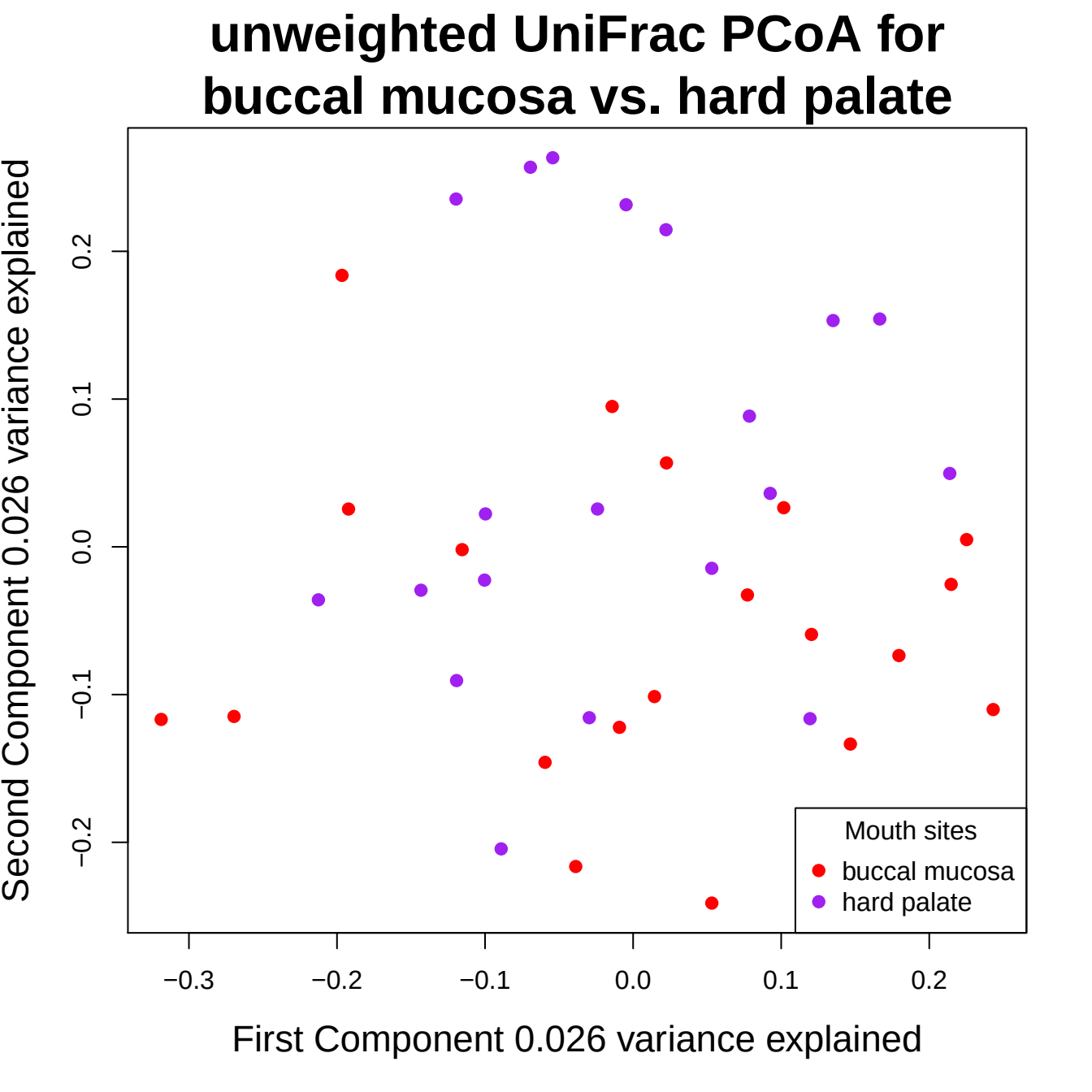

unweighted UniFrac PCoA for
attached keratinized gingiva vs. tongue dorsu
Second Component 0.025 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
First Component 0.028 variance explained
Mouth sites
tongue dorsum
attached keratinized gingiva

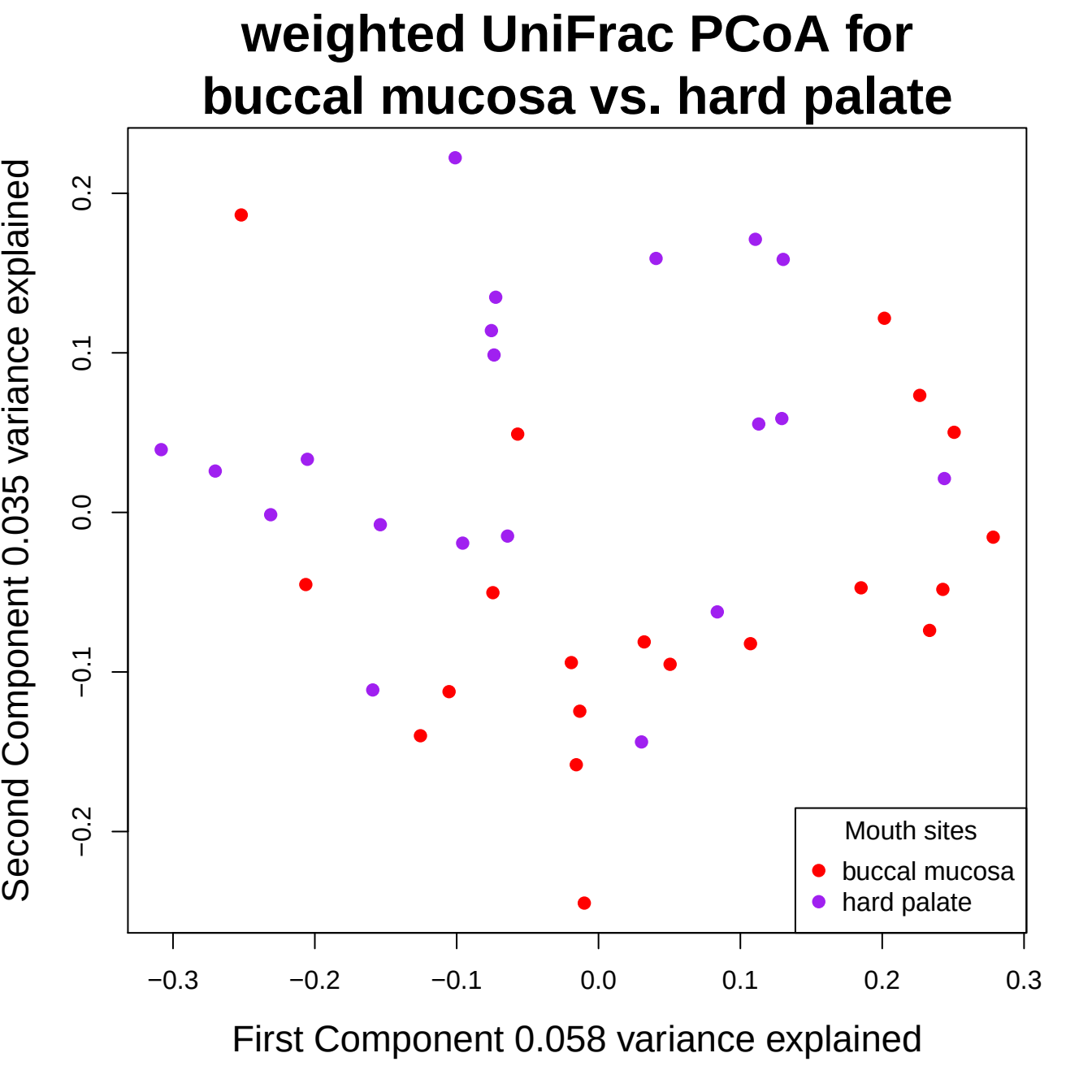

weighted UniFrac PCoA for
attached keratinized gingiva vs. tongue dorsu
Second Component 0.042 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
0.0
0.2
0.4
First Component 0.072 variance explained
Mouth sites
tongue dorsum
attached keratinized gingiva

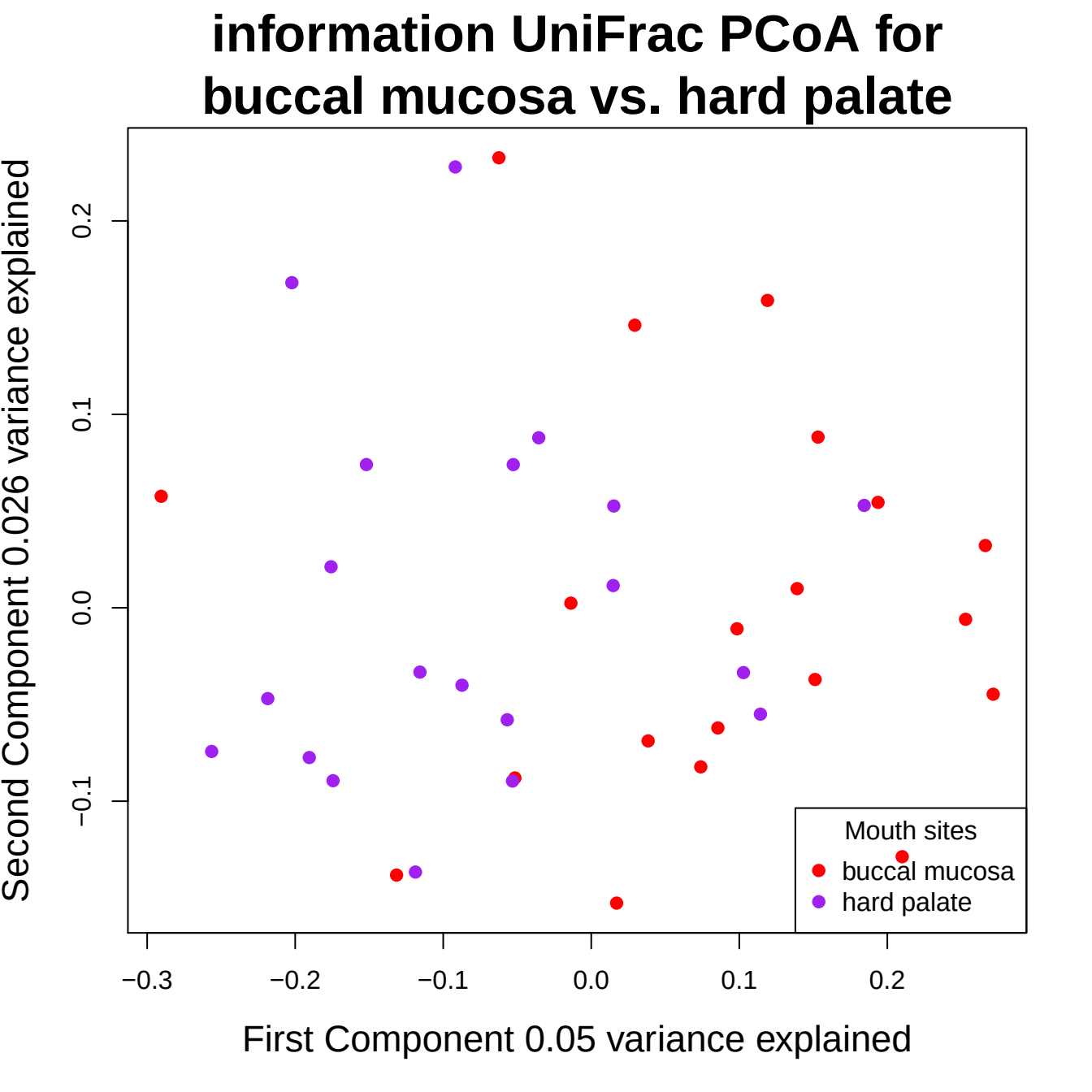

information UniFrac PCoA for
attached keratinized gingiva vs. tongue dorsu
Second Component 0.032 variance explained
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.4
−0.2
0.0
0.2
0.4
First Component 0.057 variance explained
Mouth sites
tongue dorsum
attached keratinized gingiva

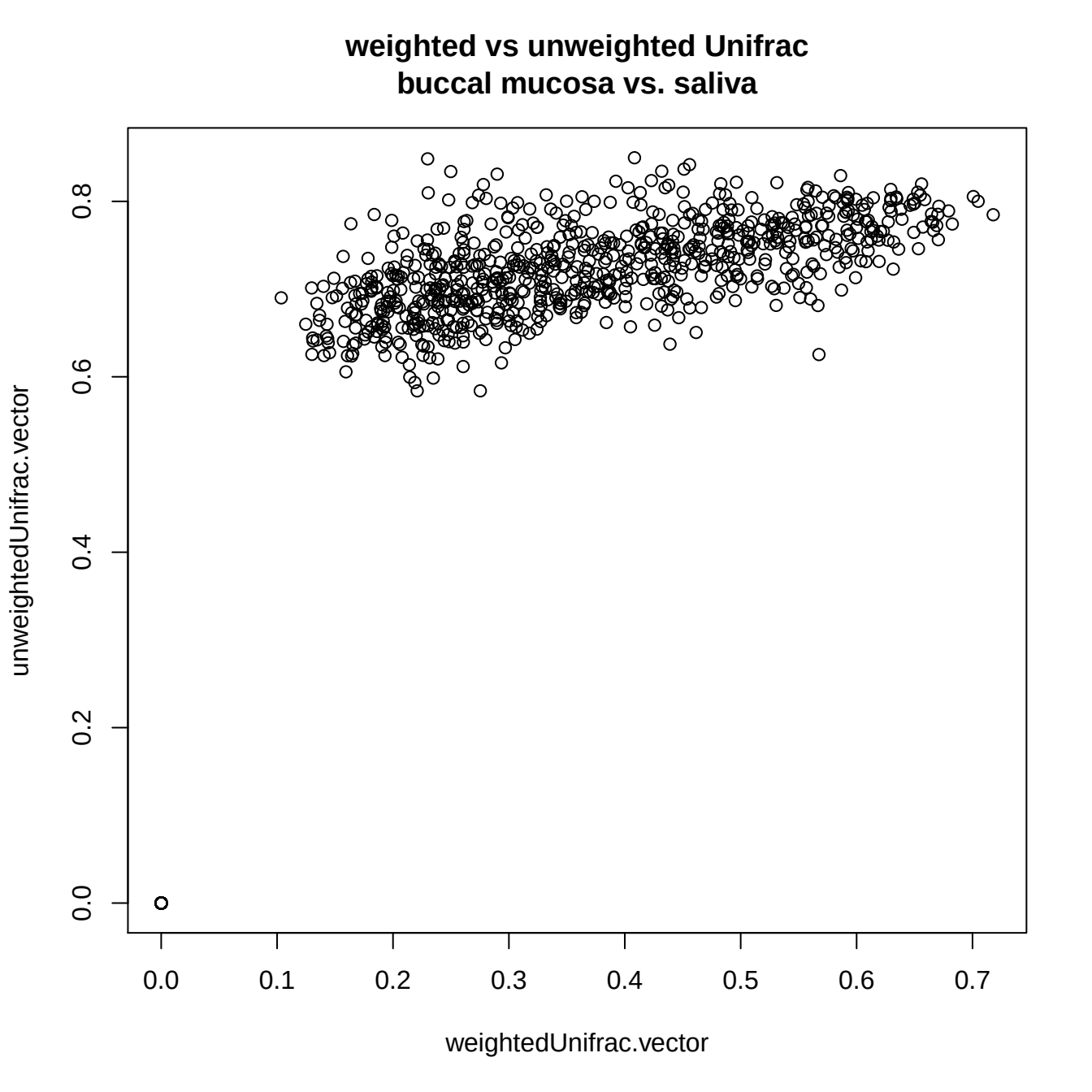

weighted vs unweighted Unifrac
buccal mucosa vs. hard palate
unweightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8
0.0
0.1
0.2
0.3
0.4
0.5
0.6
weightedUnifrac.vector

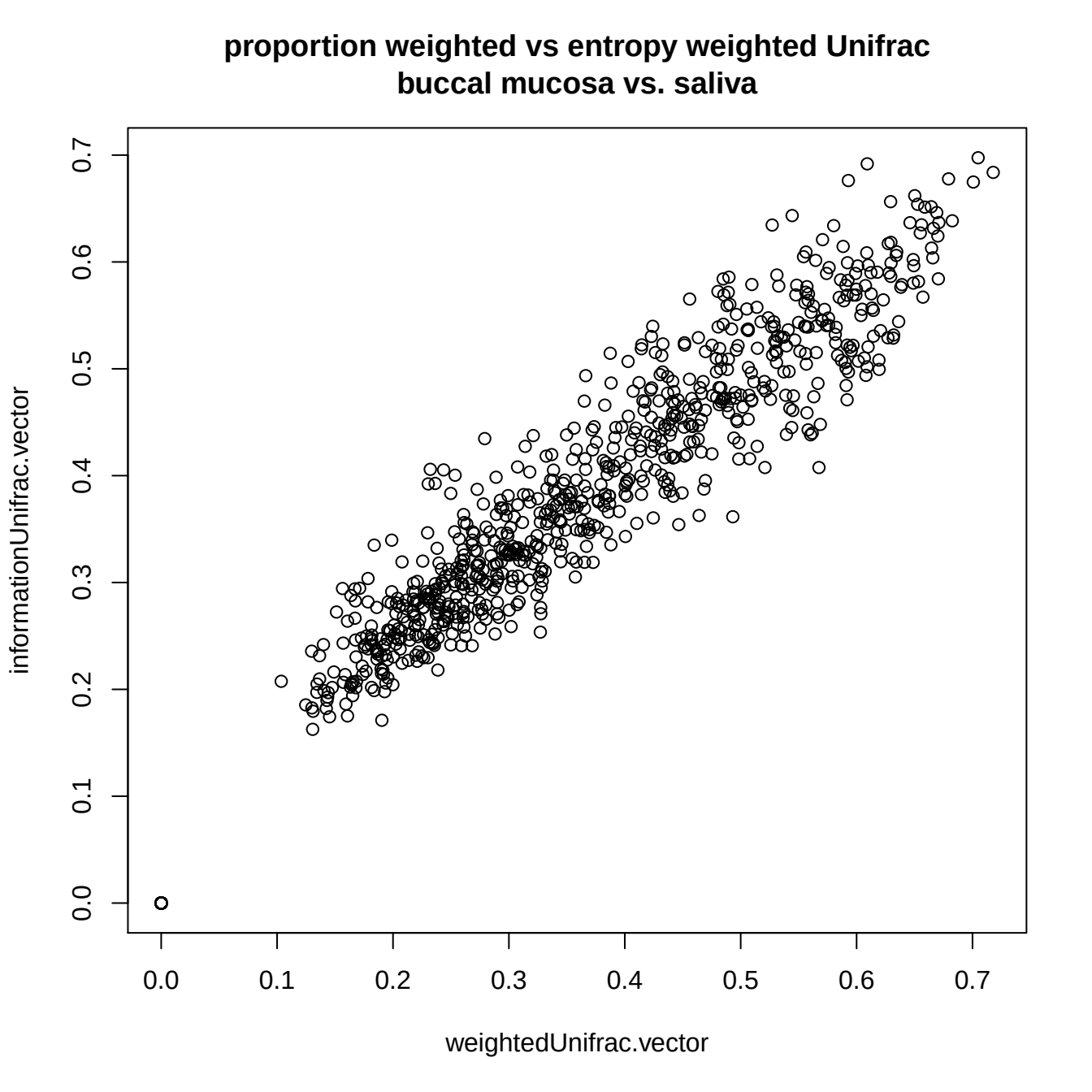

proportion weighted vs entropy weighted Unifrac
buccal mucosa vs. hard palate
informationUnifrac.vector
weightedUnifrac.vector
0.0
0.1
0.2
0.3
0.4
0.5
0.6

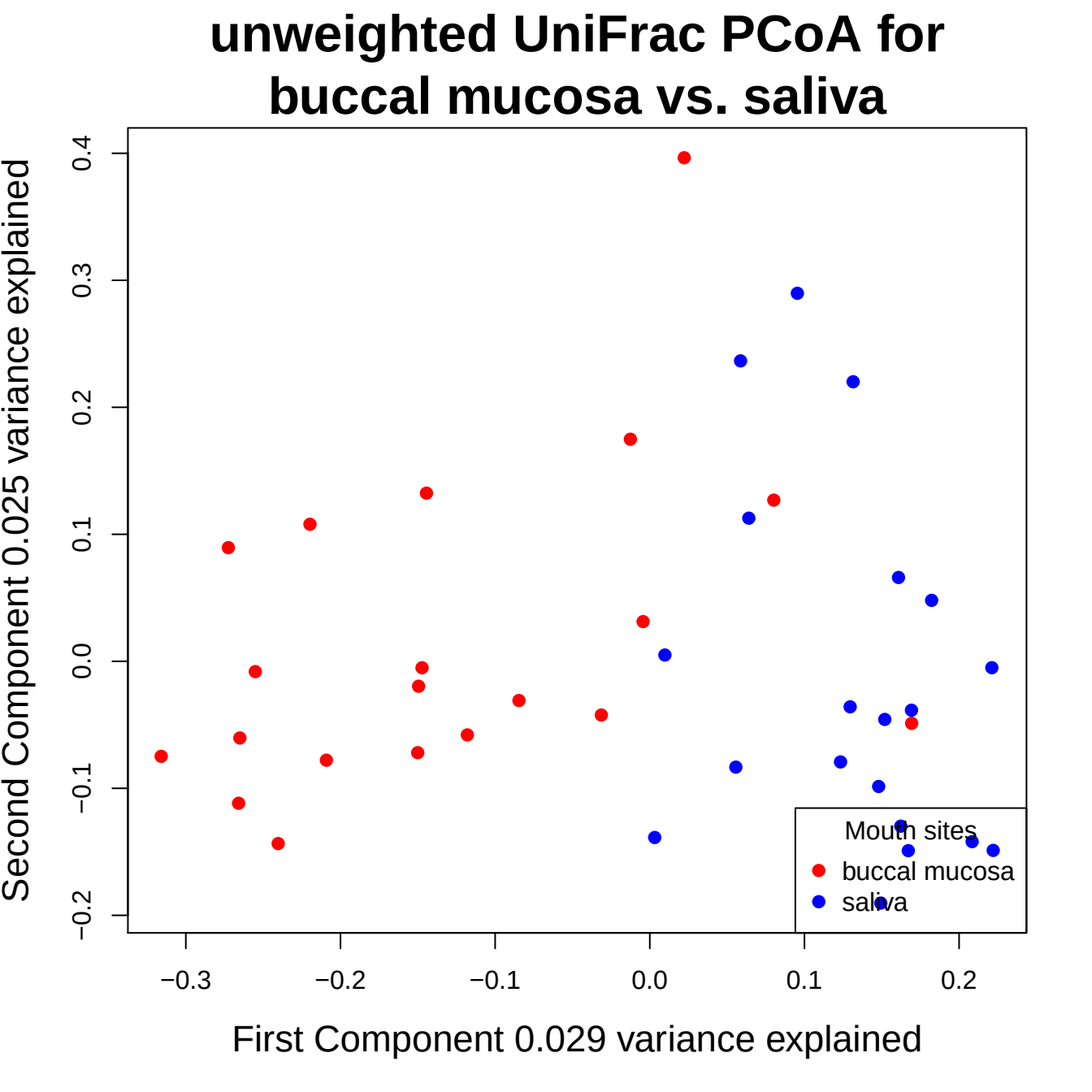

unweighted UniFrac PCoA for buccal mucosa vs. hard palate
Second Component 0.026 variance explained
First Component 0.026 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
−0.1
0.0
0.1
0.2
Mouth sites
buccal mucosa
hard palate

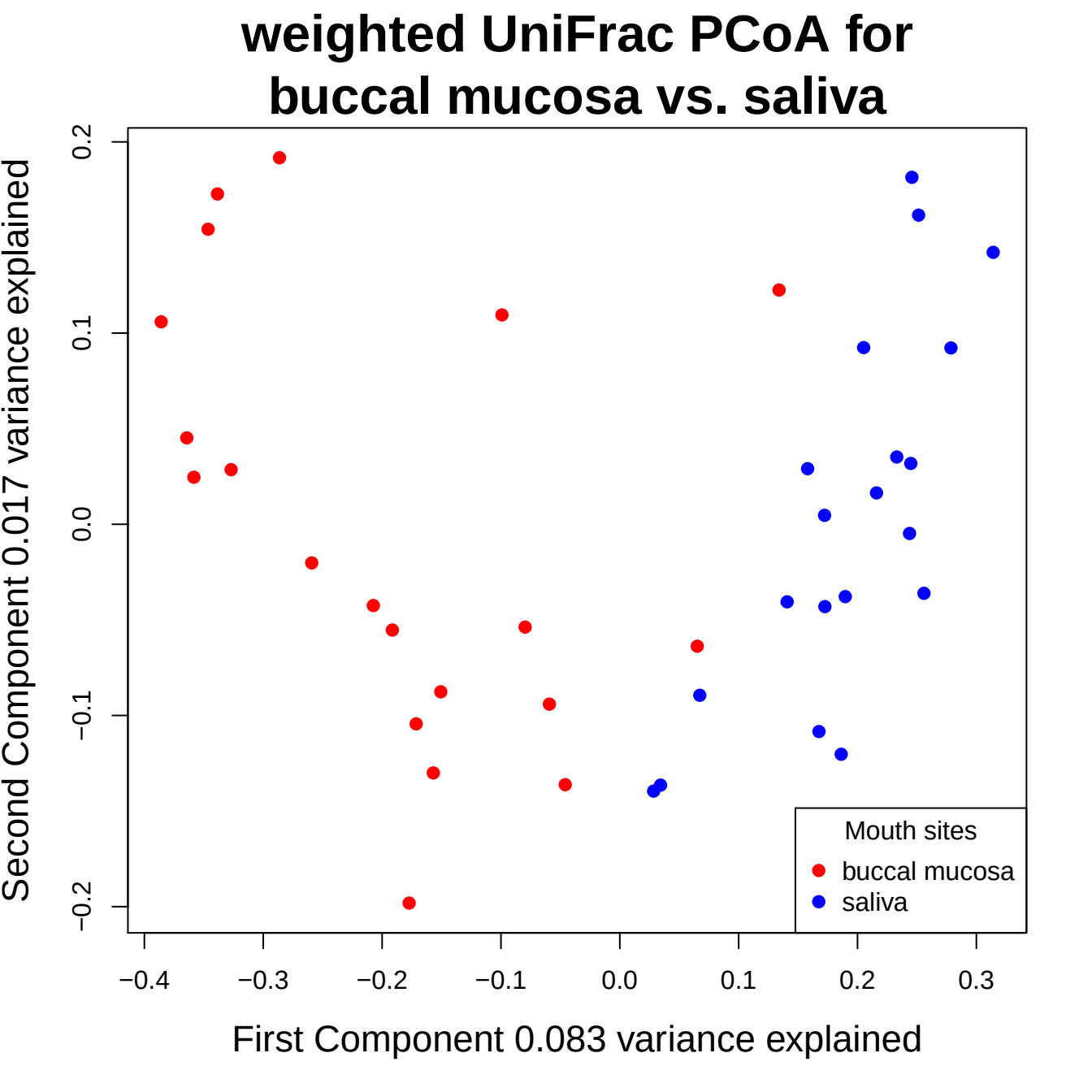

weighted UniFrac PCoA for
buccal mucosa vs. hard palate
Second Component 0.035 variance explained
First Component 0.058 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
Mouth sites
buccal mucosa
hard palate

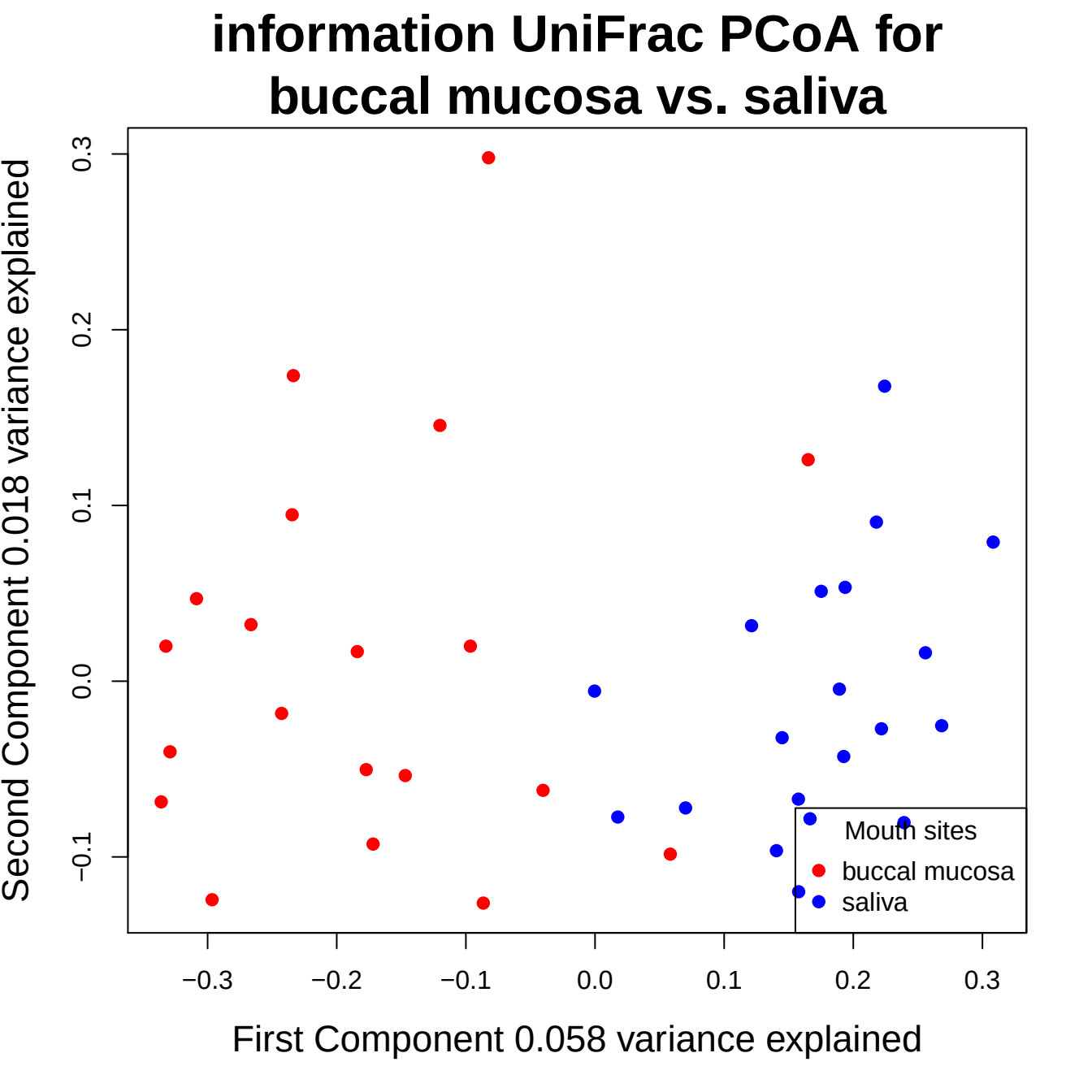

information UniFrac PCoA for buccal mucosa vs. hard palate
Second Component 0.026 variance explained
First Component 0.05 variance explained
0.2
0.1
0.0
−0.1
−0.3
−0.2
−0.1
0.0
0.1
0.2
Mouth sites
buccal mucosa
hard palate

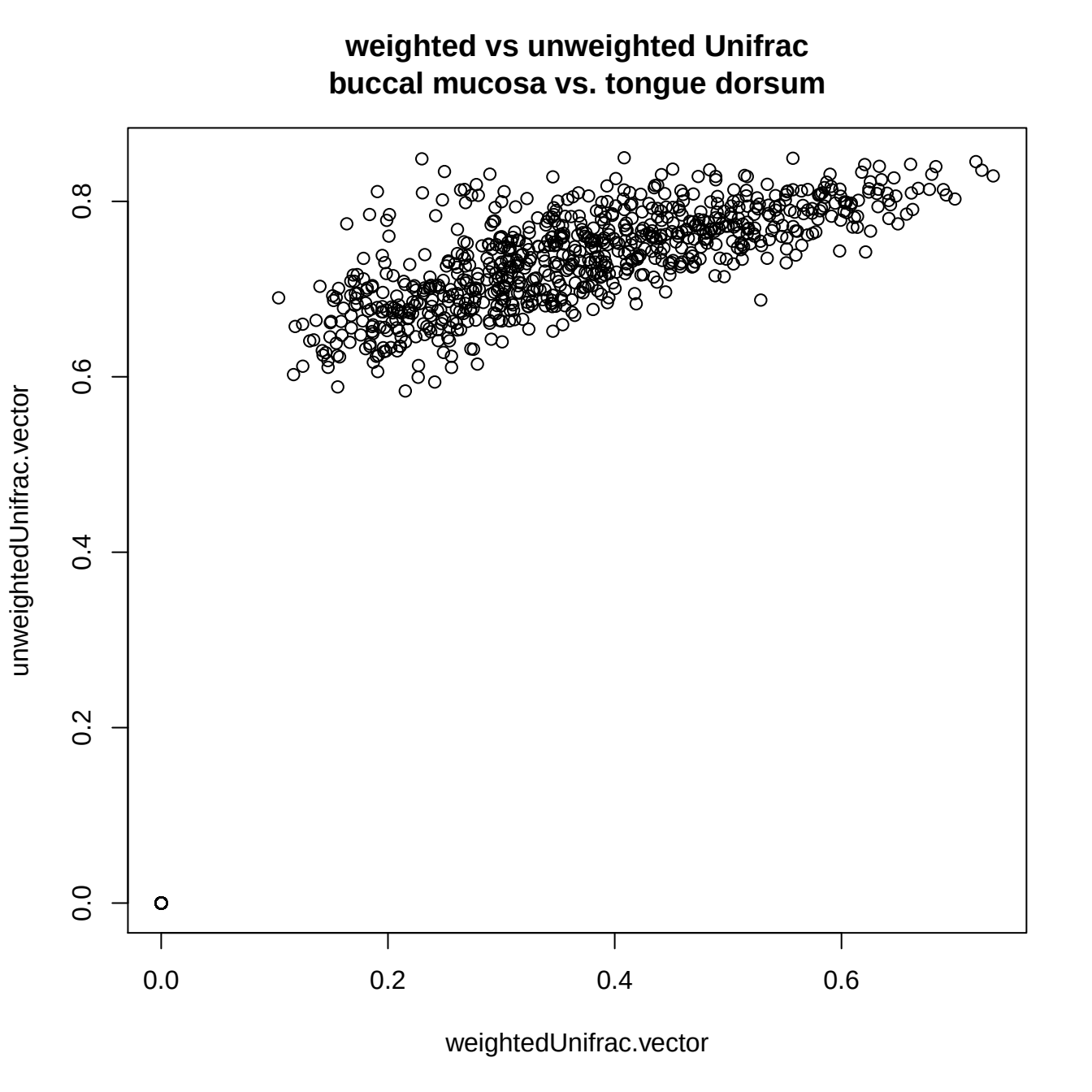

weighted vs unweighted Unifrac
buccal mucosa vs. saliva
unweightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
weightedUnifrac.vector

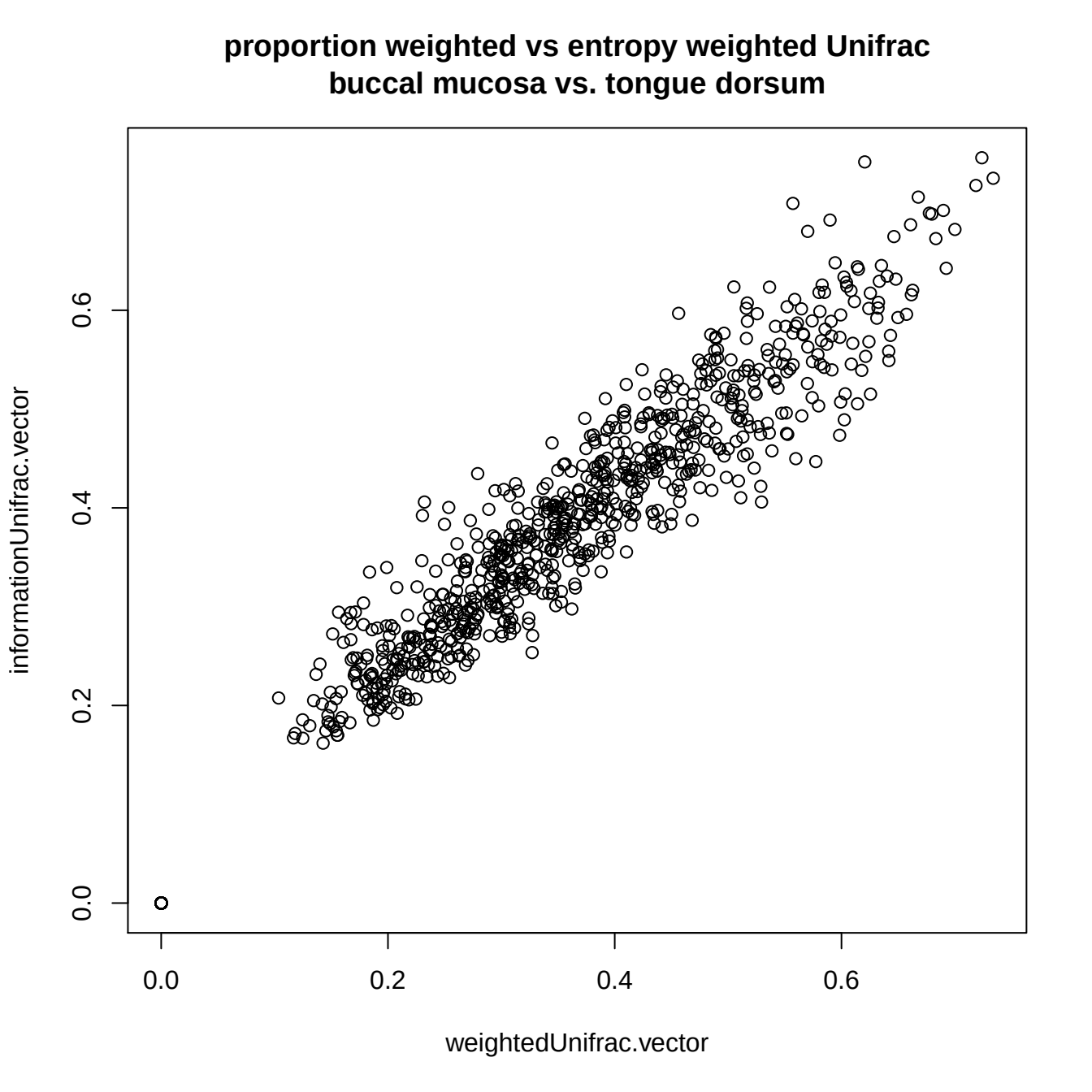

proportion weighted vs entropy weighted Unifrac
buccal mucosa vs. saliva
informationUnifrac.vector
weightedUnifrac.vector
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

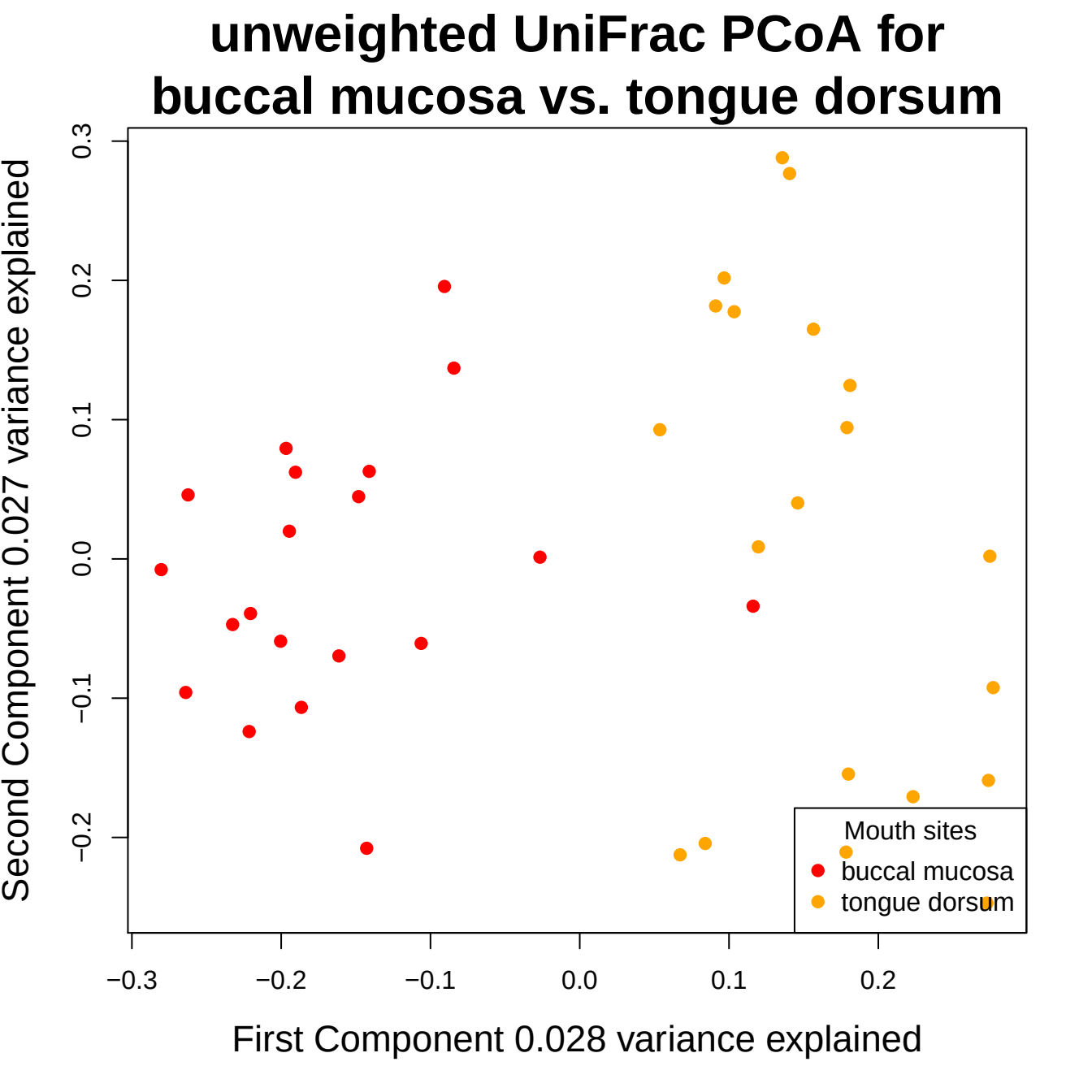

unweighted UniFrac PCoA for buccal mucosa vs. saliva
Second Component 0.025 variance explained
First Component 0.029 variance explained
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
−0.1
0.0
0.1
0.2
Mouth sites
buccal mucosa
saliva

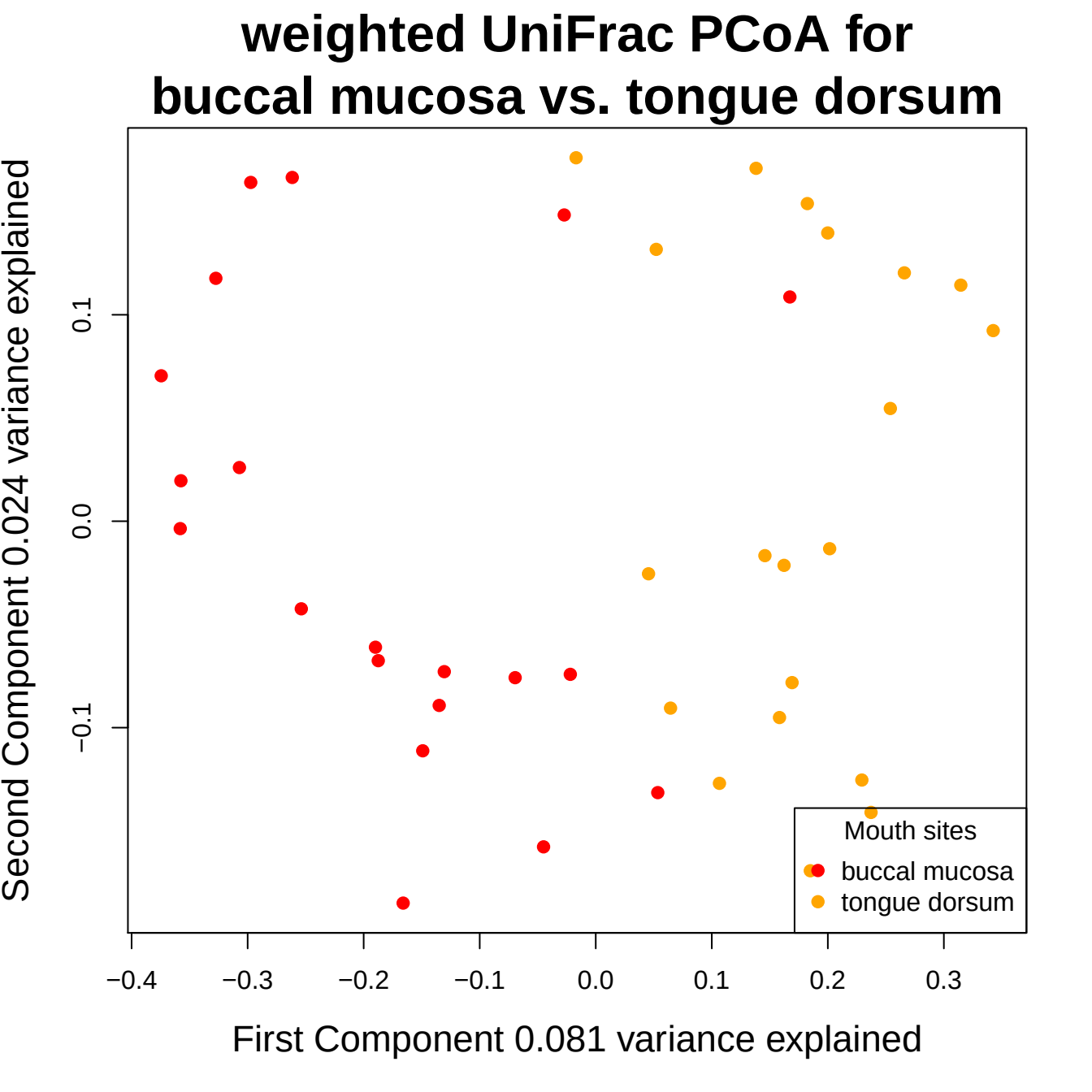

weighted UniFrac PCoA for buccal mucosa vs. saliva
Second Component 0.017 variance explained
First Component 0.083 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.4
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
Mouth sites
buccal mucosa
saliva

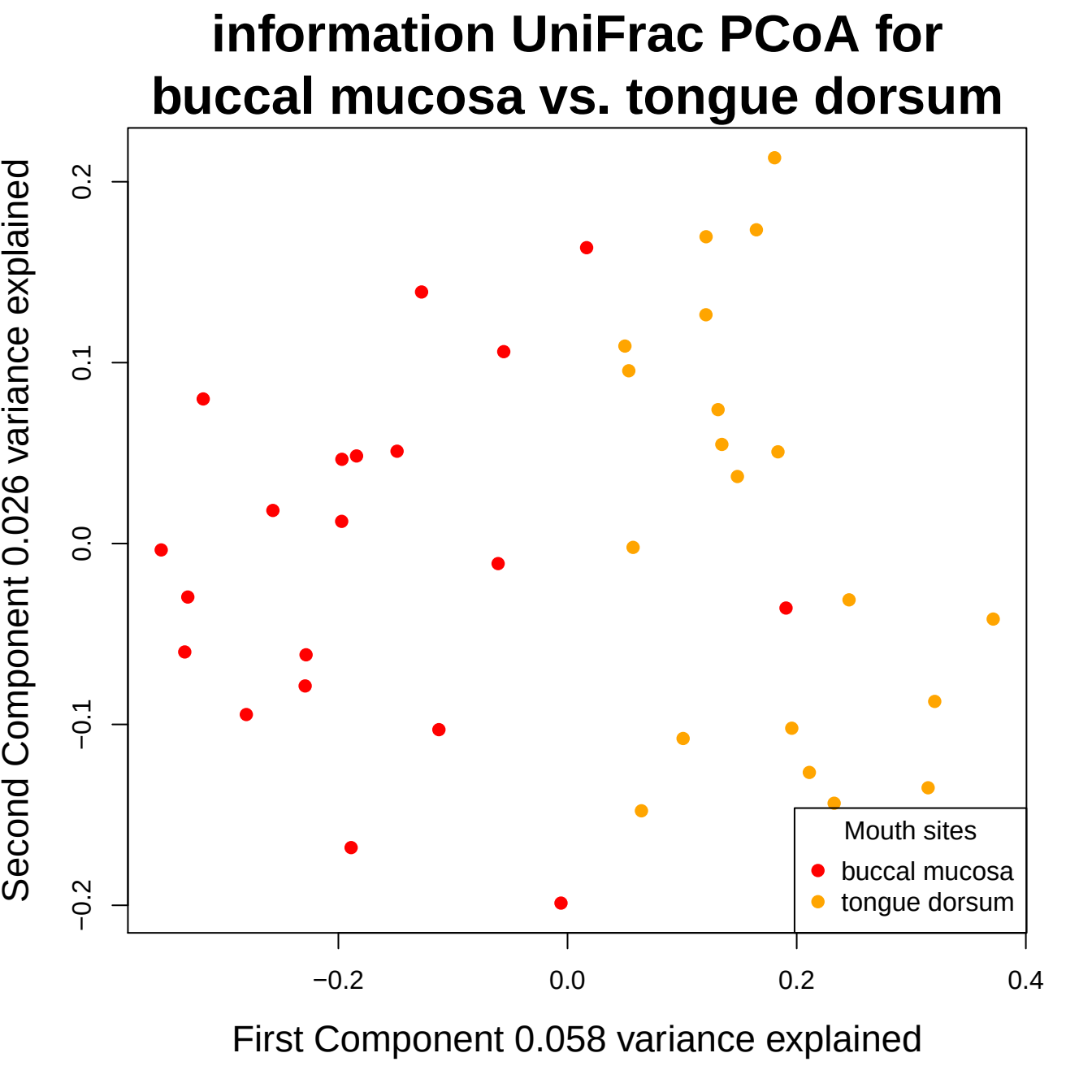

information UniFrac PCoA for buccal mucosa vs. saliva
Second Component 0.018 variance explained
First Component 0.058 variance explained
0.3
0.2
0.1
0.0
−0.1
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
Mouth sites
buccal mucosa
saliva

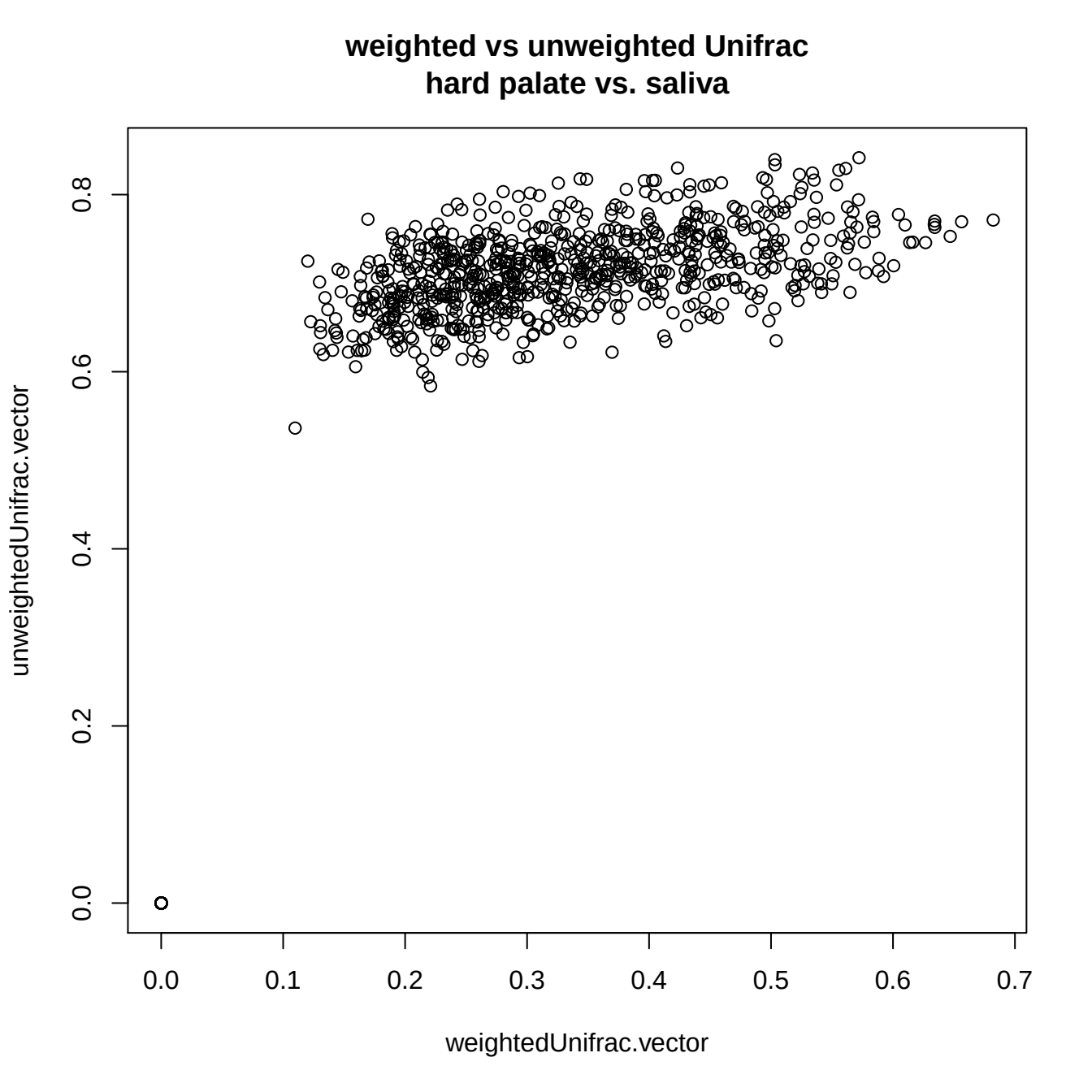

weighted vs unweighted Unifrac
buccal mucosa vs. tongue dorsum
unweightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8
weightedUnifrac.vector
0.0
0.2
0.4
0.6

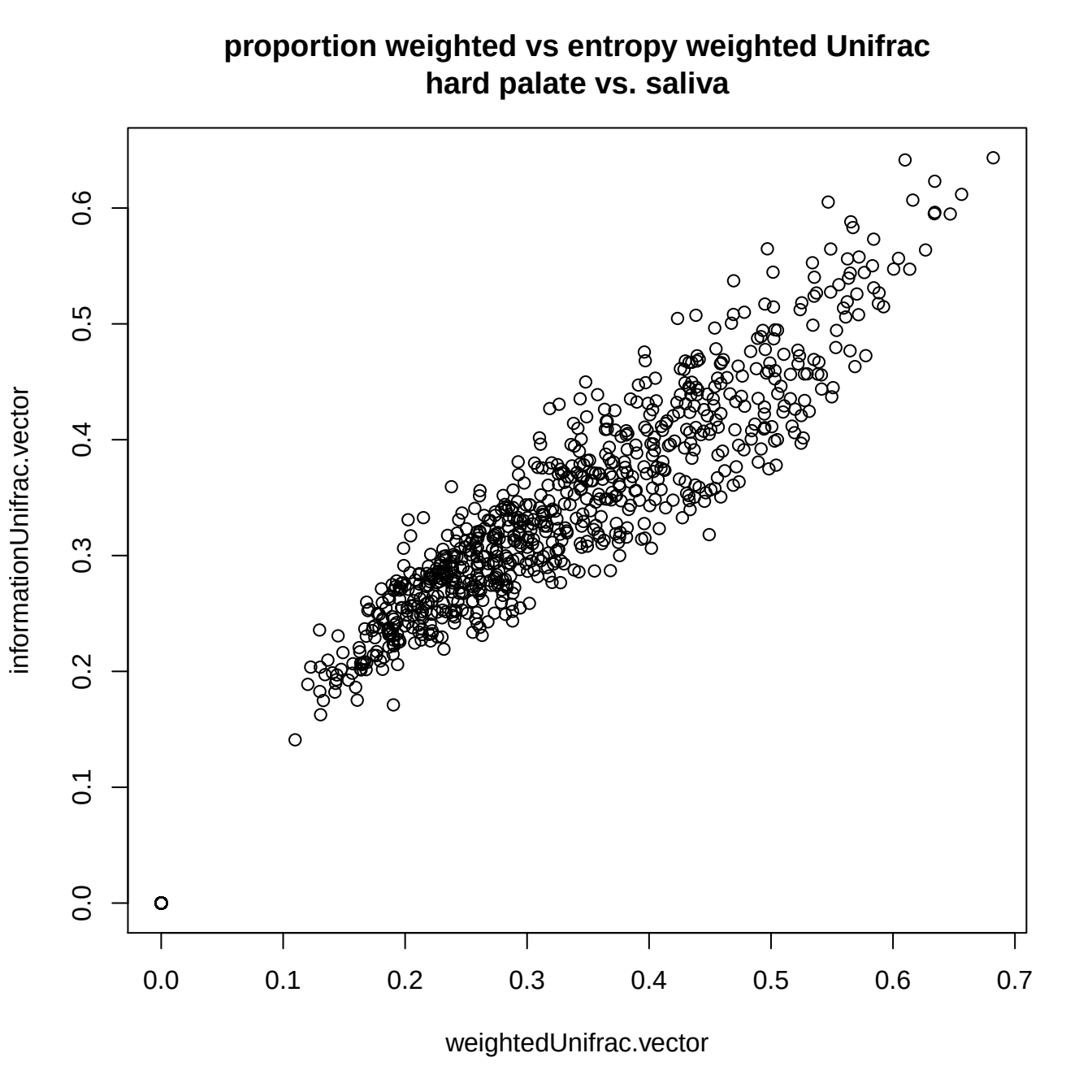

proportion weighted vs entropy weighted Unifrac
buccal mucosa vs. tongue dorsum
informationUnifrac.vector
weightedUnifrac.vector
0.0
0.2
0.4
0.6
0.0
0.2
0.4
0.6

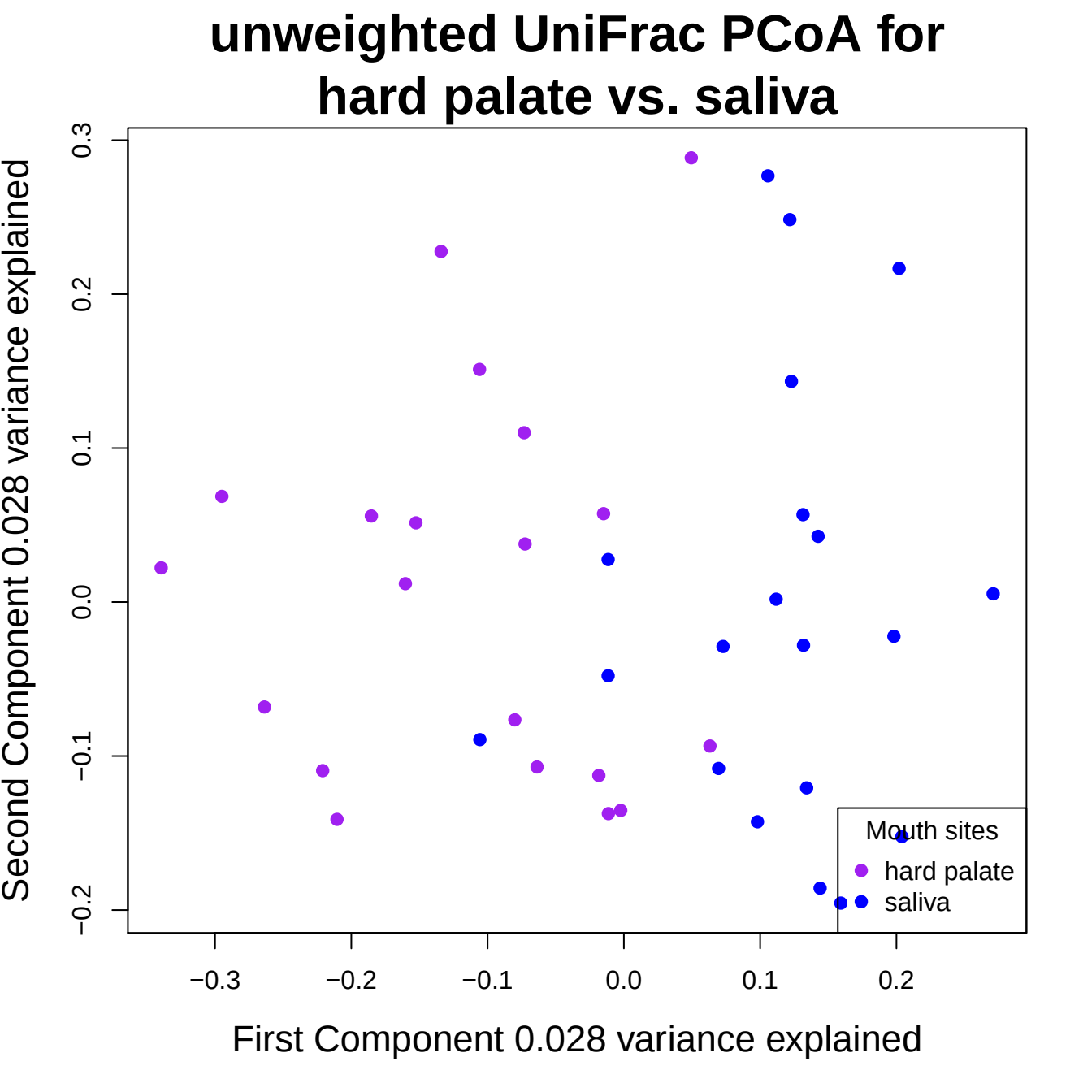

unweighted UniFrac PCoA for buccal mucosa vs. tongue dorsum
Second Component 0.027 variance explained
First Component 0.028 variance explained
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
−0.1
0.0
0.1
0.2
Mouth sites
buccal mucosa
tongue dorsum

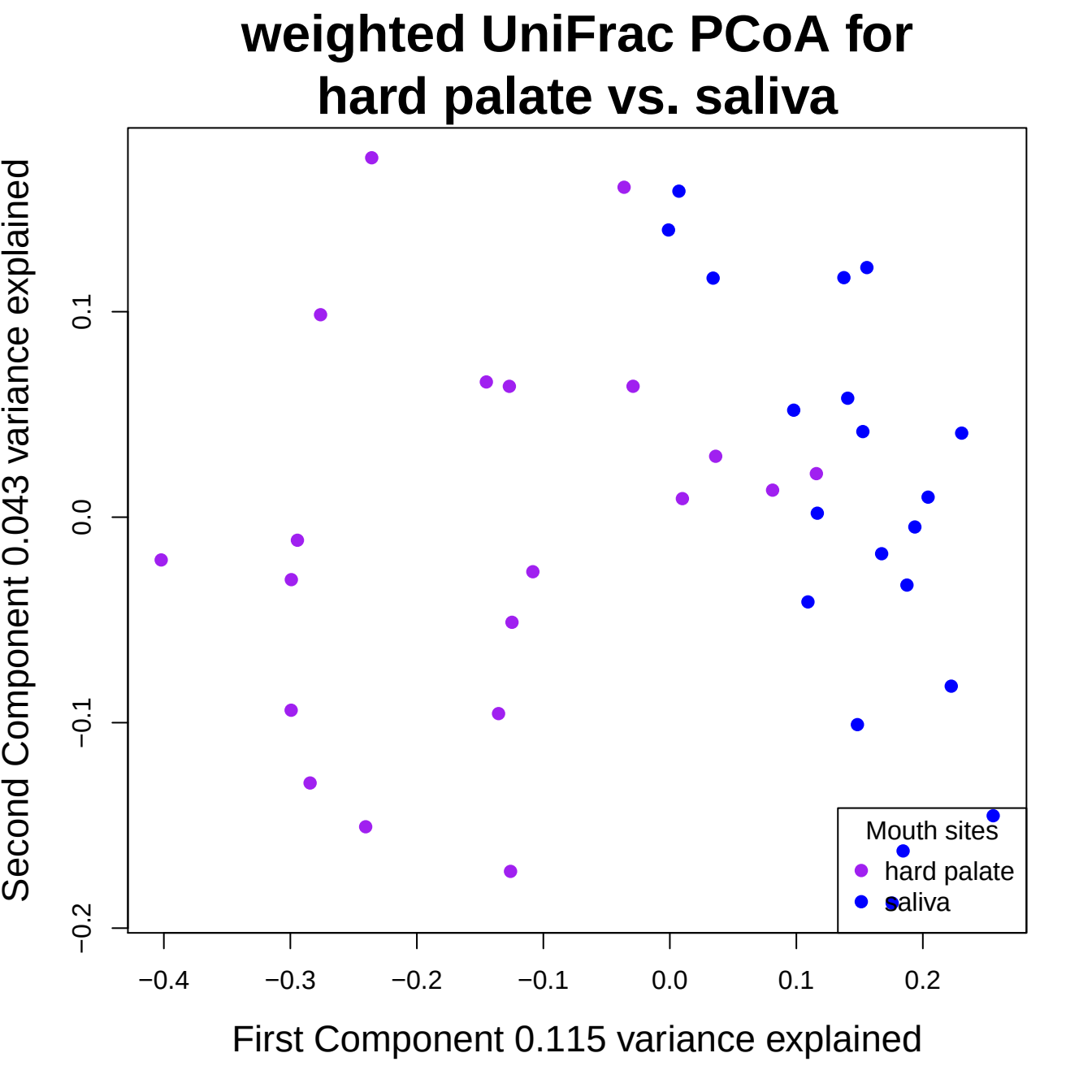

weighted UniFrac PCoA for
buccal mucosa vs. tongue dorsum
Second Component 0.024 variance explained
First Component 0.081 variance explained
0.1
0.0
−0.1
−0.4
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
Mouth sites
buccal mucosa
tongue dorsum

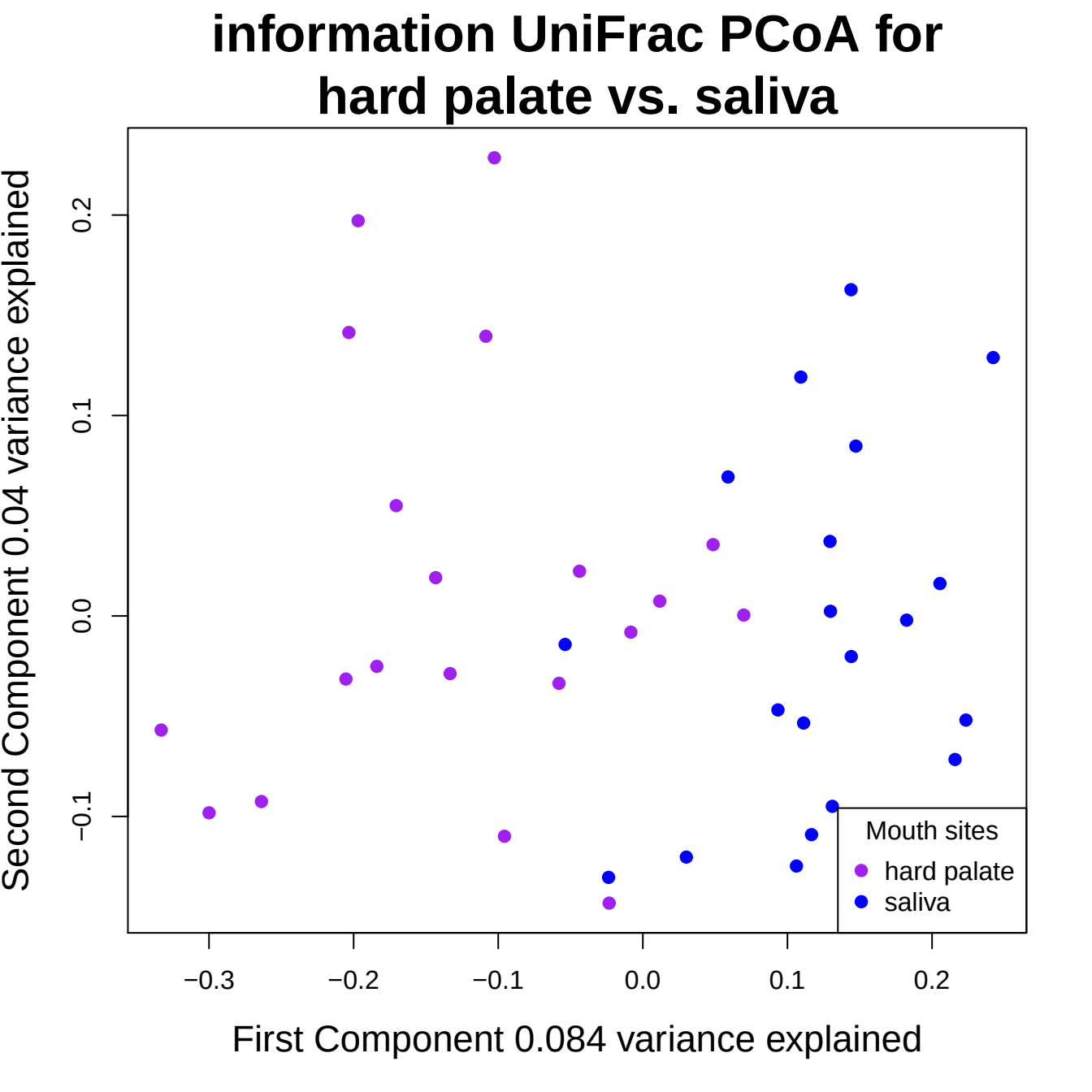

information UniFrac PCoA for buccal mucosa vs. tongue dorsum
Second Component 0.026 variance explained
First Component 0.058 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.2
0.0
0.2
0.4
Mouth sites
buccal mucosa
tongue dorsum

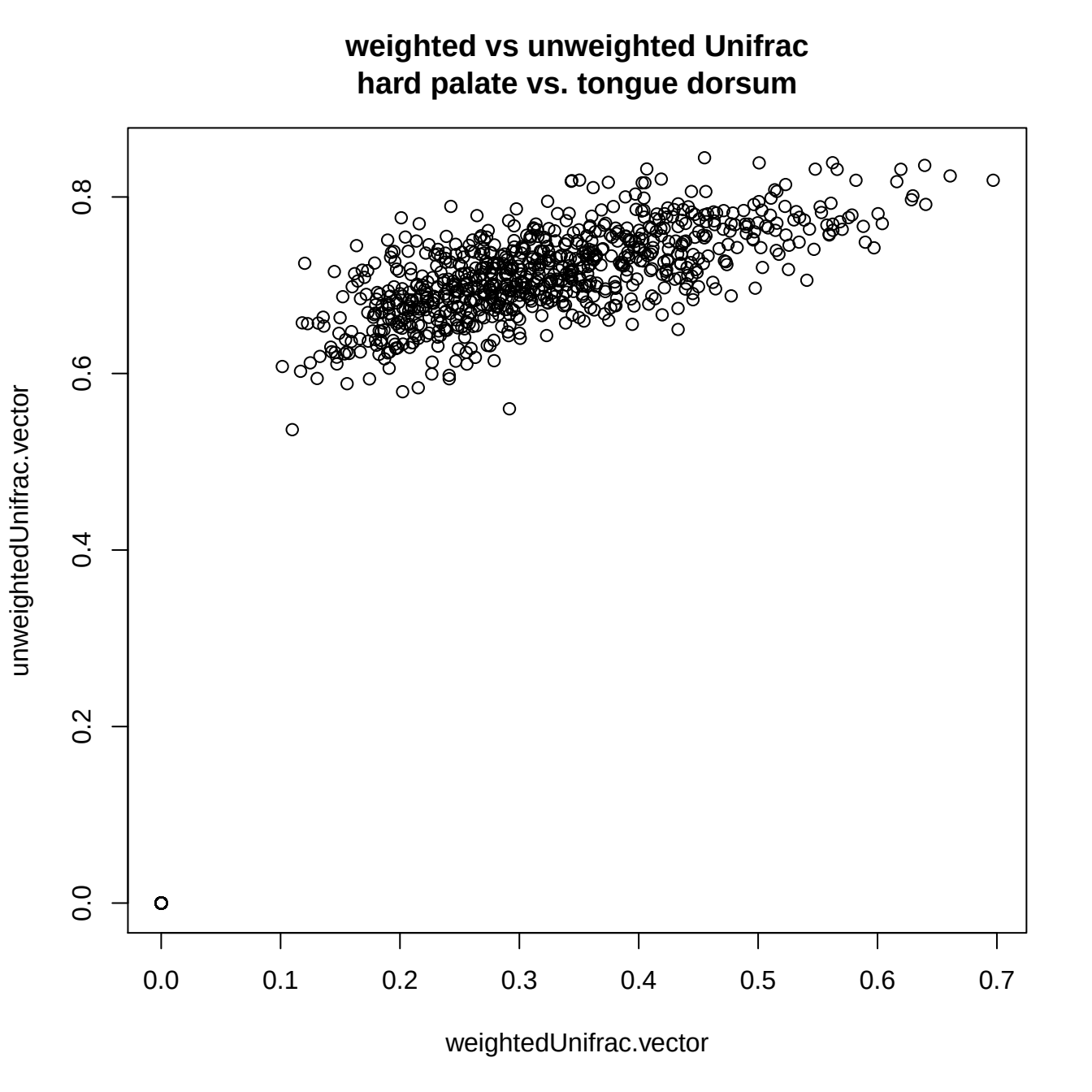

weighted vs unweighted Unifrac
hard palate vs. saliva
unweightedUnifrac.vector
weightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

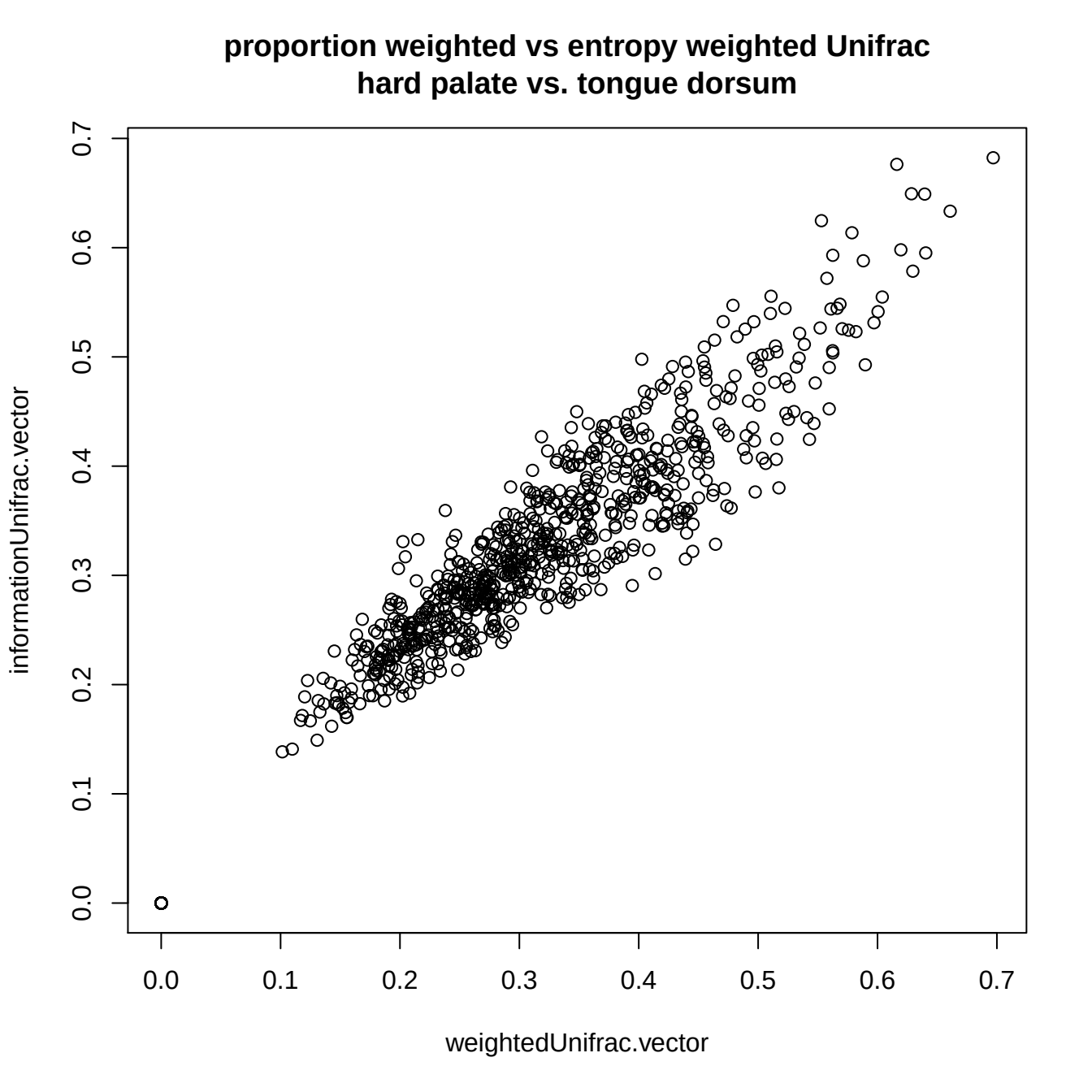

proportion weighted vs entropy weighted Unifrac
hard palate vs. saliva
informationUnifrac.vector
weightedUnifrac.vector
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

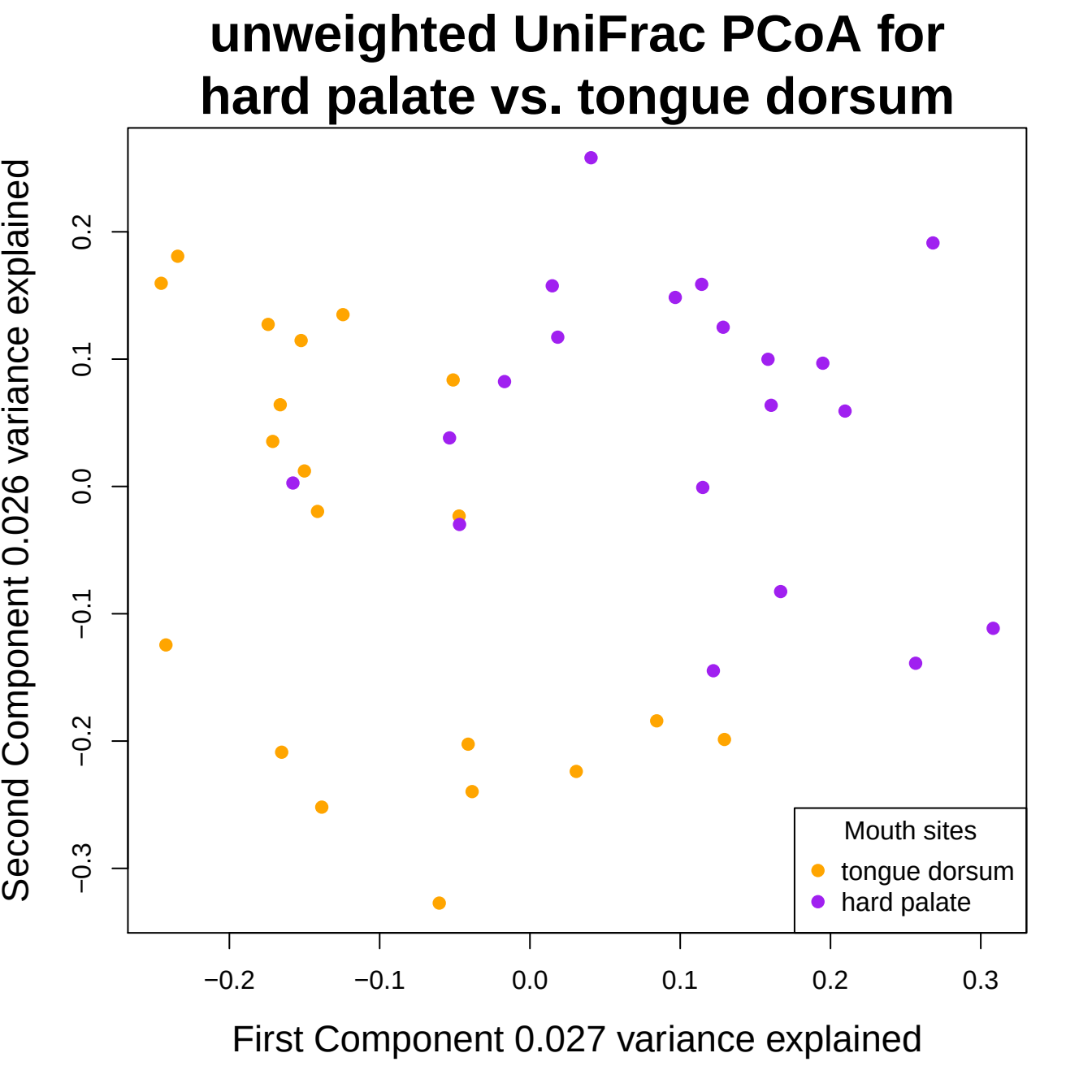

unweighted UniFrac PCoA for
hard palate vs. saliva
Second Component 0.028 variance explained
First Component 0.028 variance explained
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
−0.1
0.0
0.1
0.2
Mouth sites
hard palate
saliva

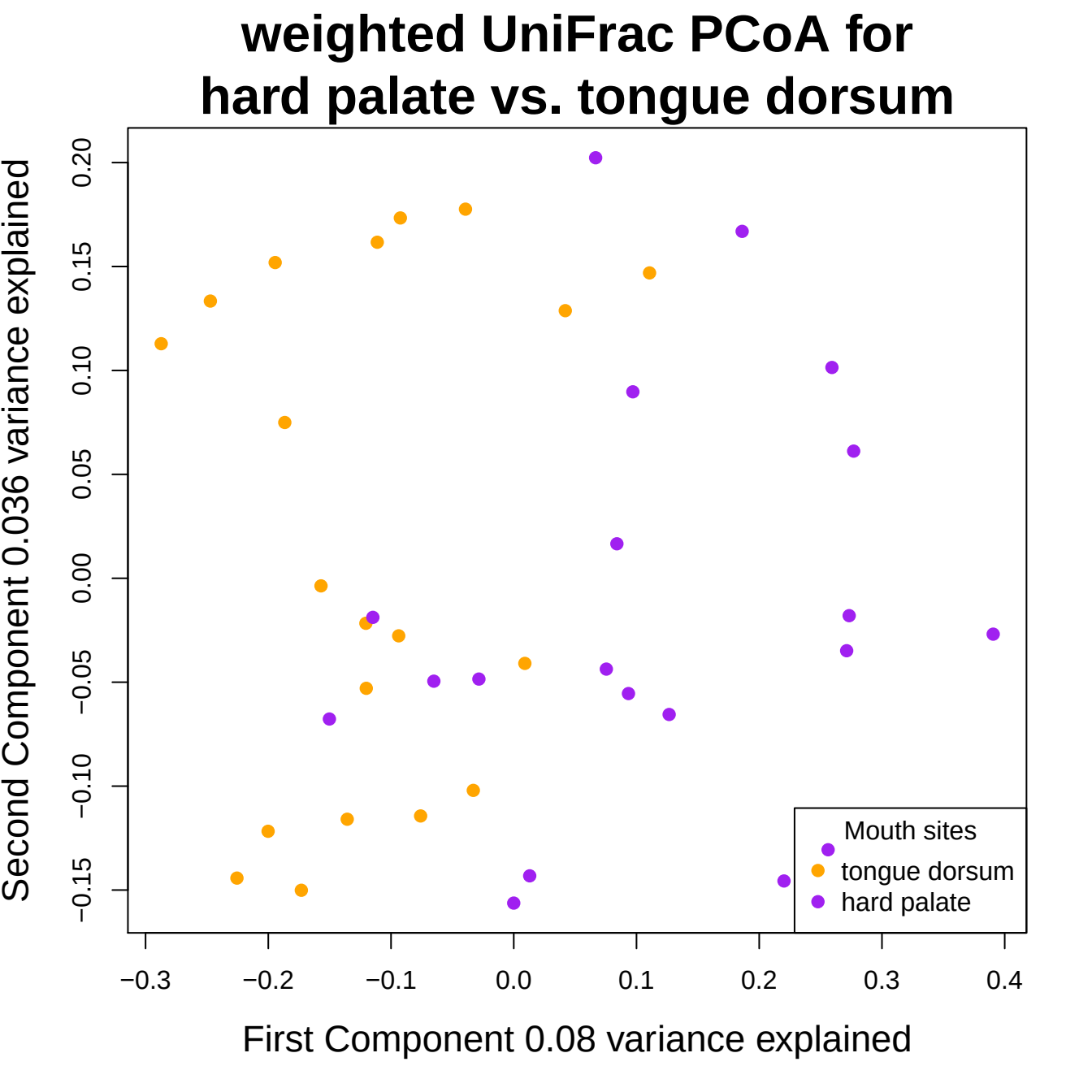

weighted UniFrac PCoA for
hard palate vs. saliva
Second Component 0.043 variance explained
First Component 0.115 variance explained
0.1
0.0
−0.1
−0.2
−0.4
−0.3
−0.2
−0.1
0.0
0.1
0.2
Mouth sites
hard palate
saliva

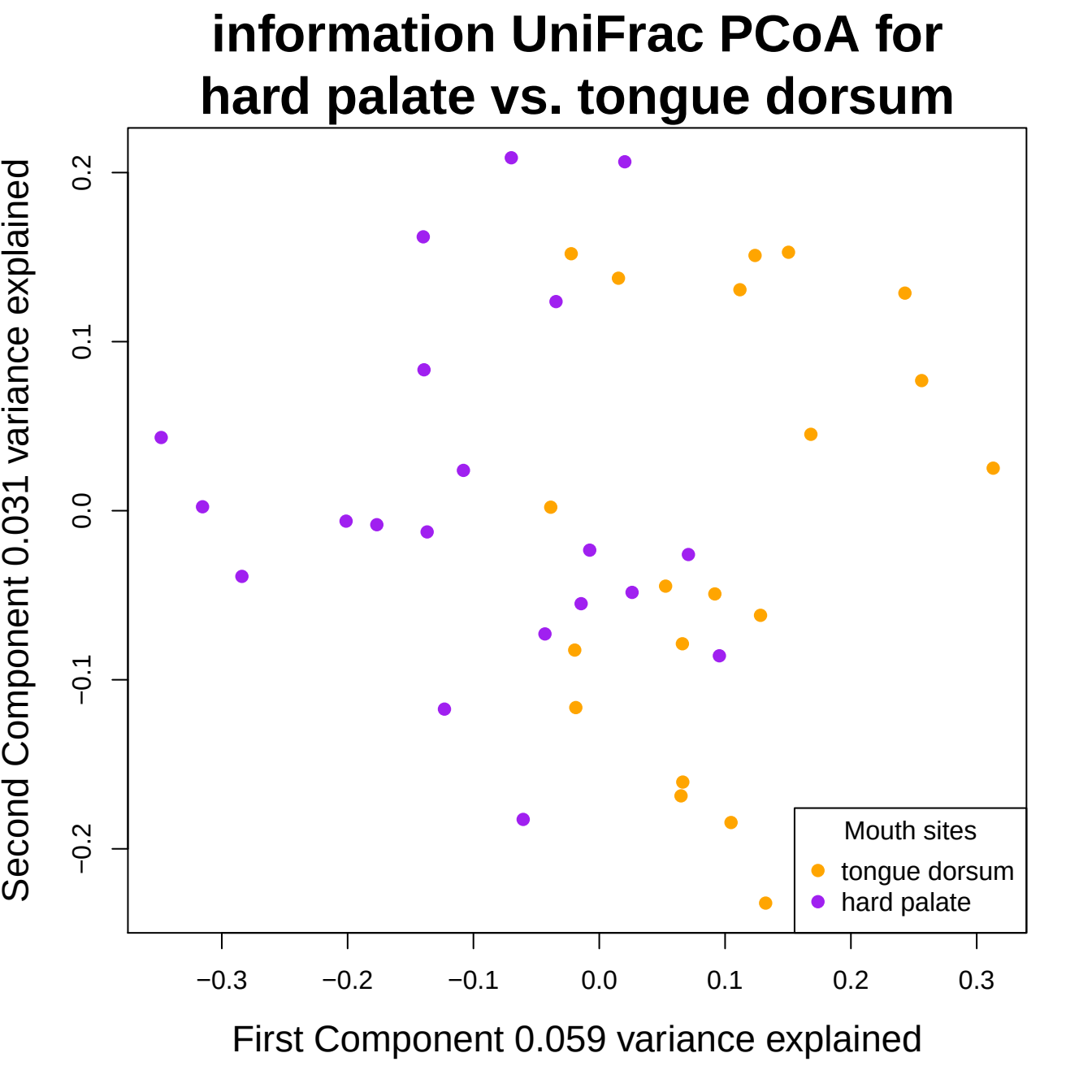

information UniFrac PCoA for hard palate vs. saliva
Second Component 0.04 variance explained
First Component 0.084 variance explained
0.2
0.1
0.0
−0.1
−0.3
−0.2
−0.1
0.0
0.1
0.2
Mouth sites
hard palate
saliva

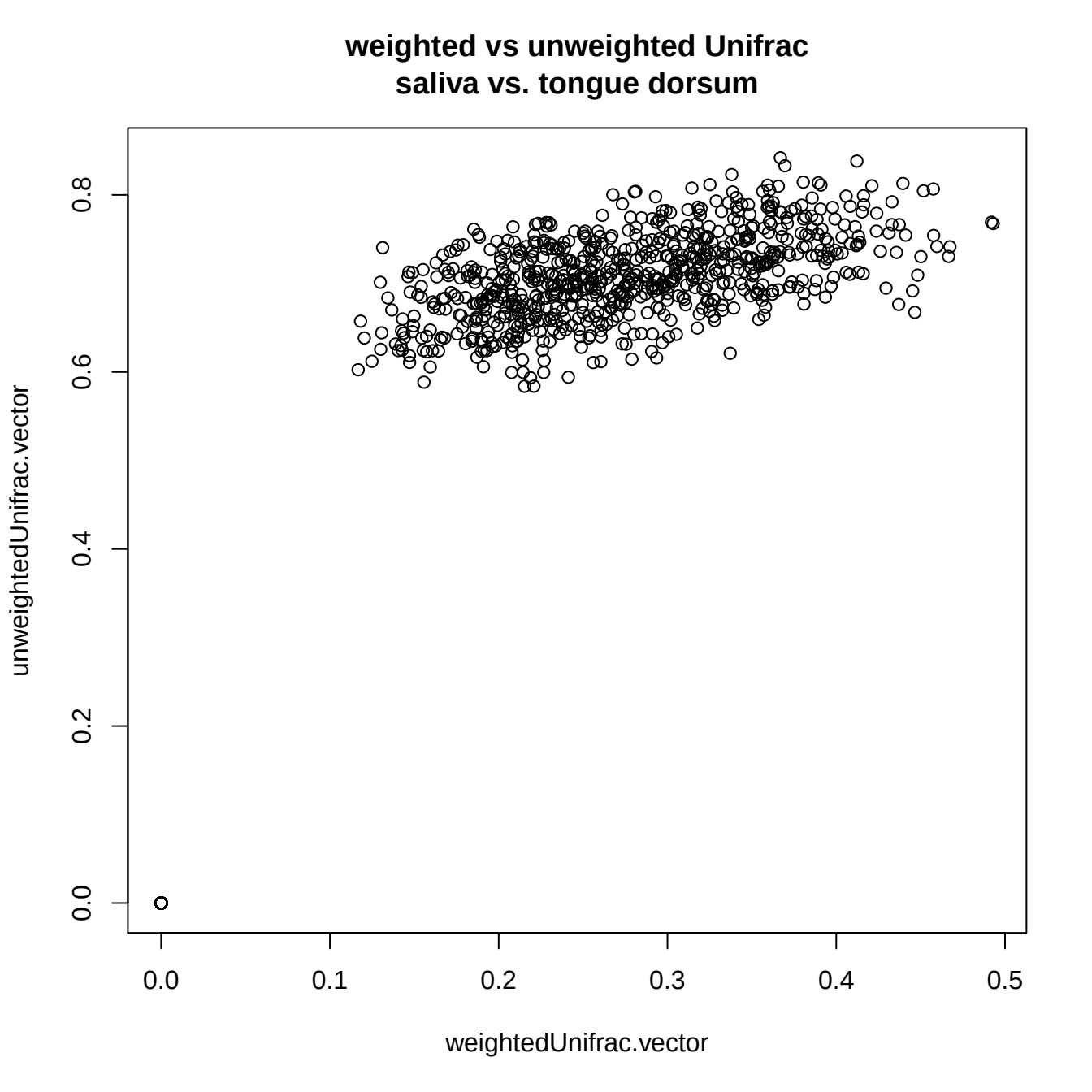

weighted vs unweighted Unifrac
hard palate vs. tongue dorsum
unweightedUnifrac.vector
weightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

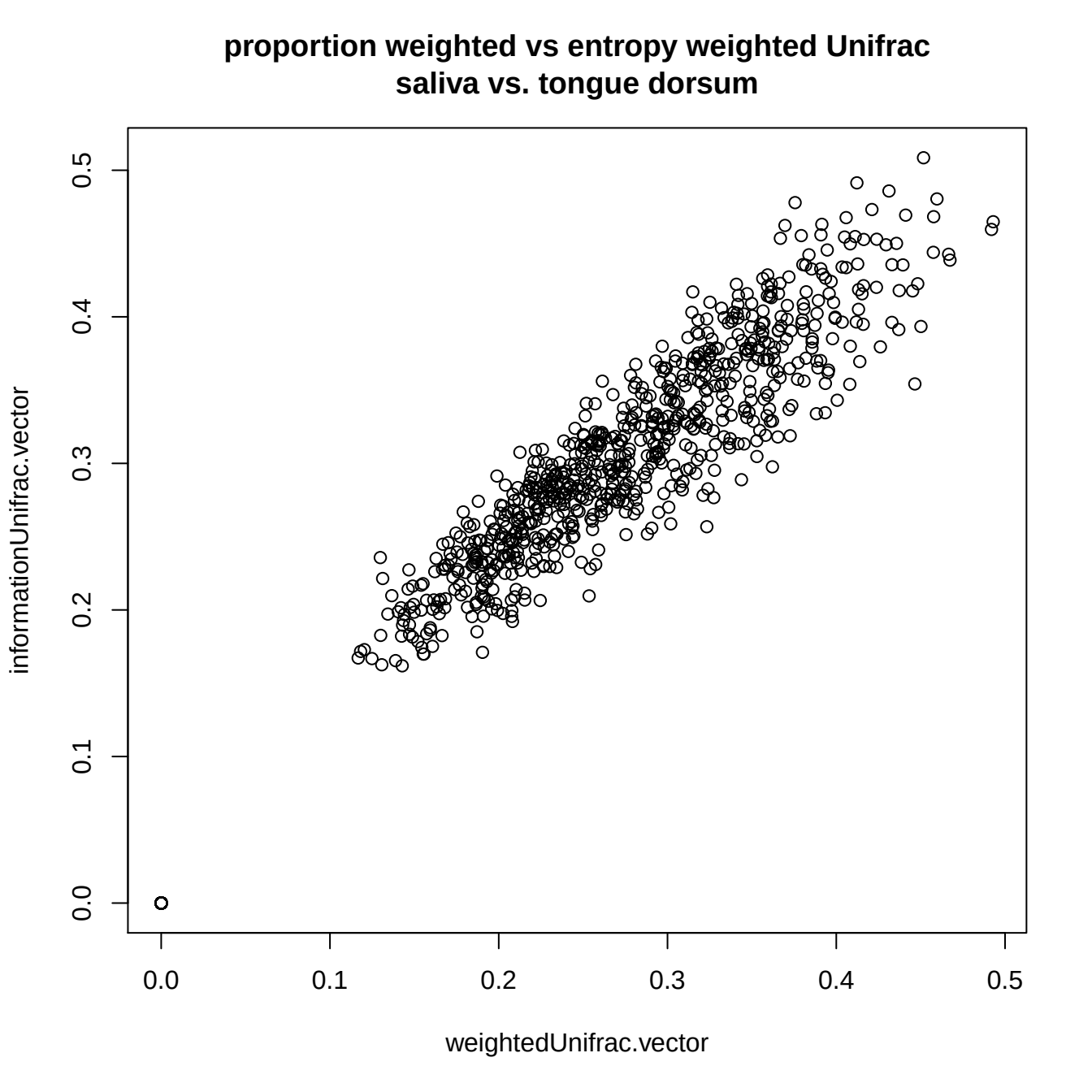

proportion weighted vs entropy weighted Unifrac
hard palate vs. tongue dorsum
informationUnifrac.vector
weightedUnifrac.vector
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

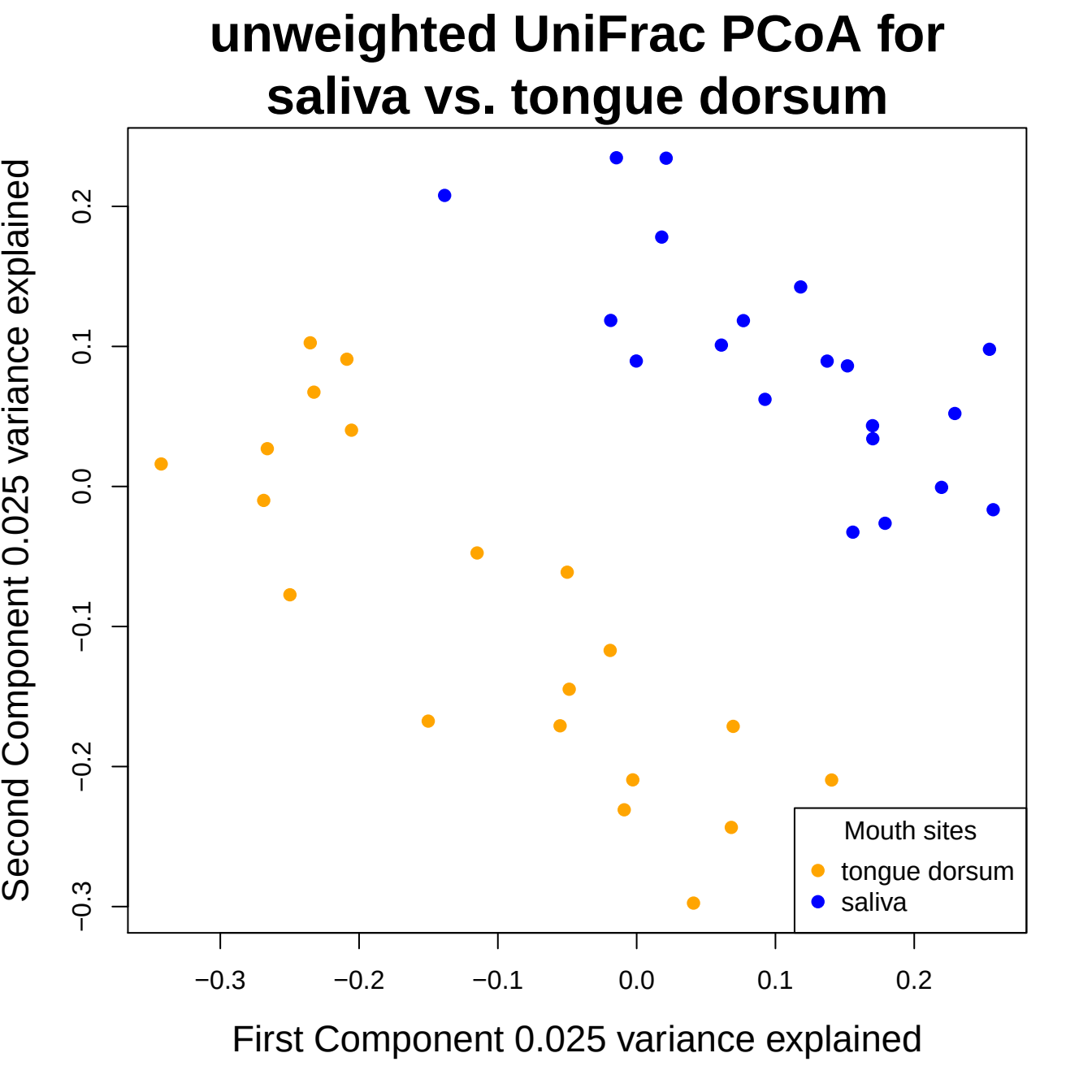

unweighted UniFrac PCoA for
hard palate vs. tongue dorsum
Second Component 0.026 variance explained
First Component 0.027 variance explained
−0.3
−0.2
−0.1
0.0
0.1
0.2
−0.2
−0.1
0.0
0.1
0.2
0.3
Mouth sites
tongue dorsum
hard palate

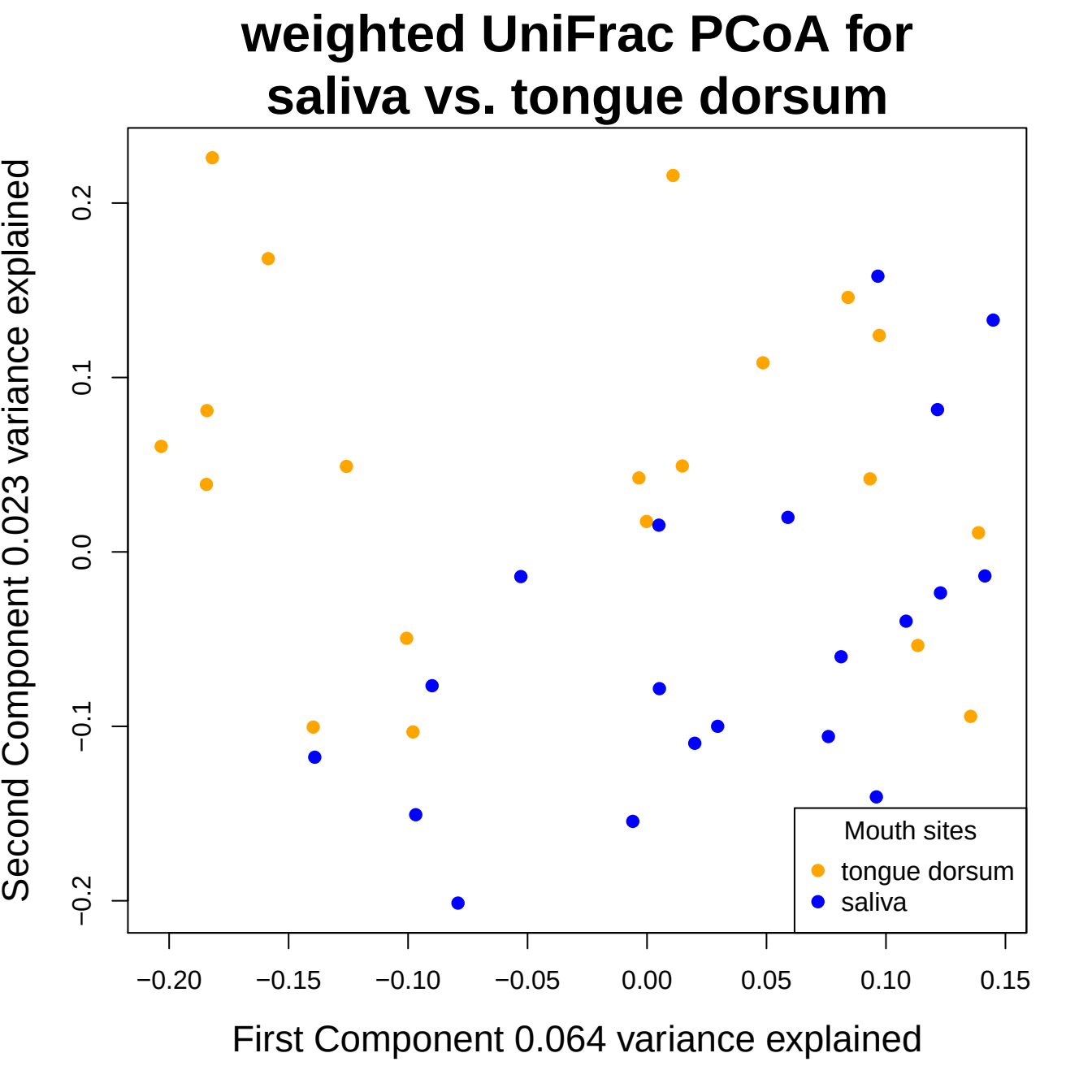

weighted UniFrac PCoA for
hard palate vs. tongue dorsum
Second Component 0.036 variance explained
First Component 0.08 variance explained
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
0.4
Mouth sites
tongue dorsum
hard palate

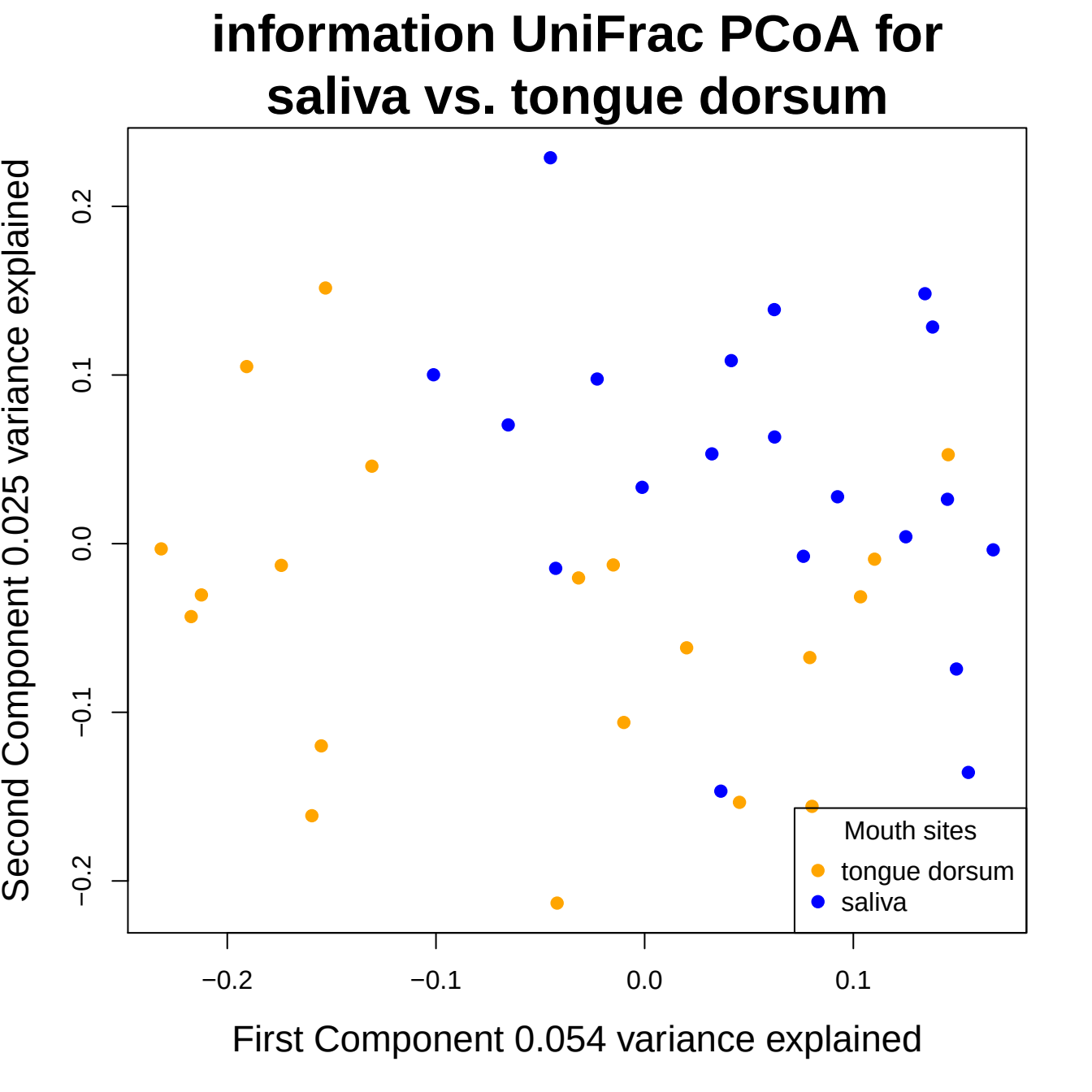

information UniFrac PCoA for
hard palate vs. tongue dorsum
Second Component 0.031 variance explained
First Component 0.059 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3
Mouth sites
tongue dorsum
hard palate


weighted vs unweighted Unifrac
saliva vs. tongue dorsum
unweightedUnifrac.vector
0.0
0.2
0.4
0.6
0.8
0.0
0.1
0.2
0.3
0.4
0.5
weightedUnifrac.vector


proportion weighted vs entropy weighted Unifrac
saliva vs. tongue dorsum
informationUnifrac.vector
weightedUnifrac.vector
0.0
0.1
0.2
0.3
0.4
0.5


unweighted UniFrac PCoA for saliva vs. tongue dorsum
Second Component 0.025 variance explained
First Component 0.025 variance explained
−0.3
−0.2
−0.1
0.0
0.1
0.2
Mouth sites
tongue dorsum
saliva


weighted UniFrac PCoA for saliva vs. tongue dorsum
Second Component 0.023 variance explained
First Component 0.064 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.20
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15
Mouth sites
tongue dorsum
saliva


information UniFrac PCoA for saliva vs. tongue dorsum
Second Component 0.025 variance explained
First Component 0.054 variance explained
0.2
0.1
0.0
−0.1
−0.2
−0.2
−0.1
0.0
0.1
Mouth sites
tongue dorsum
saliva