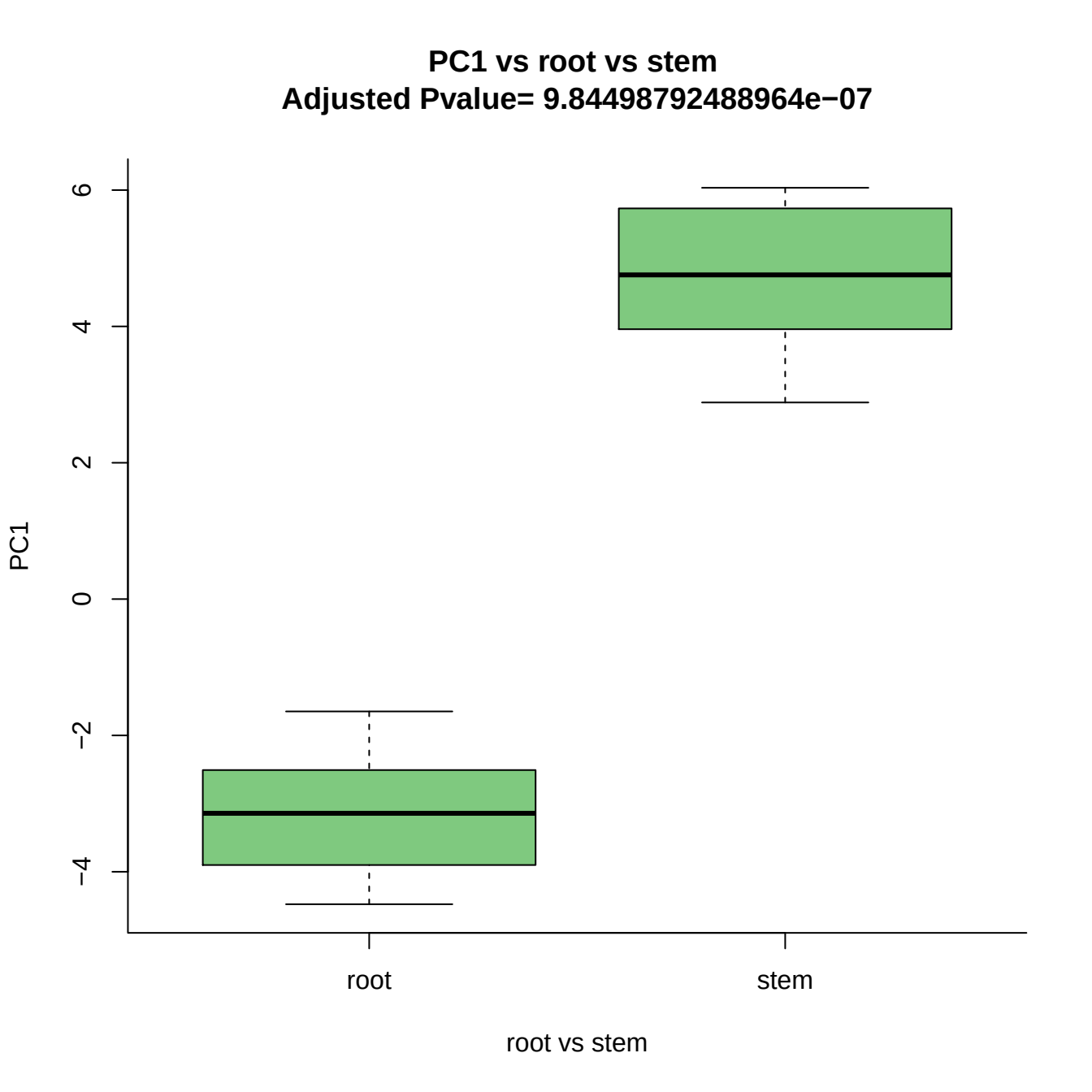
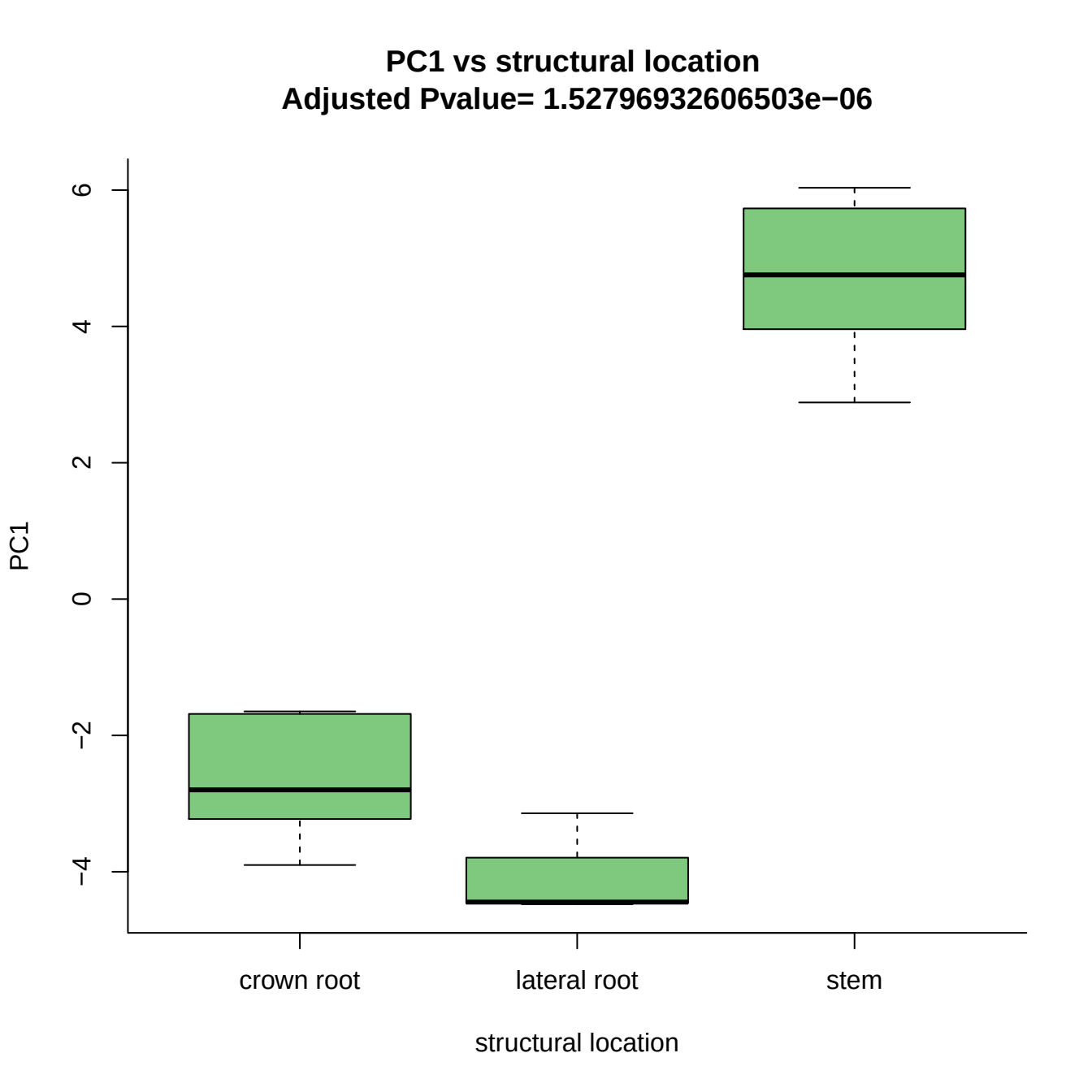
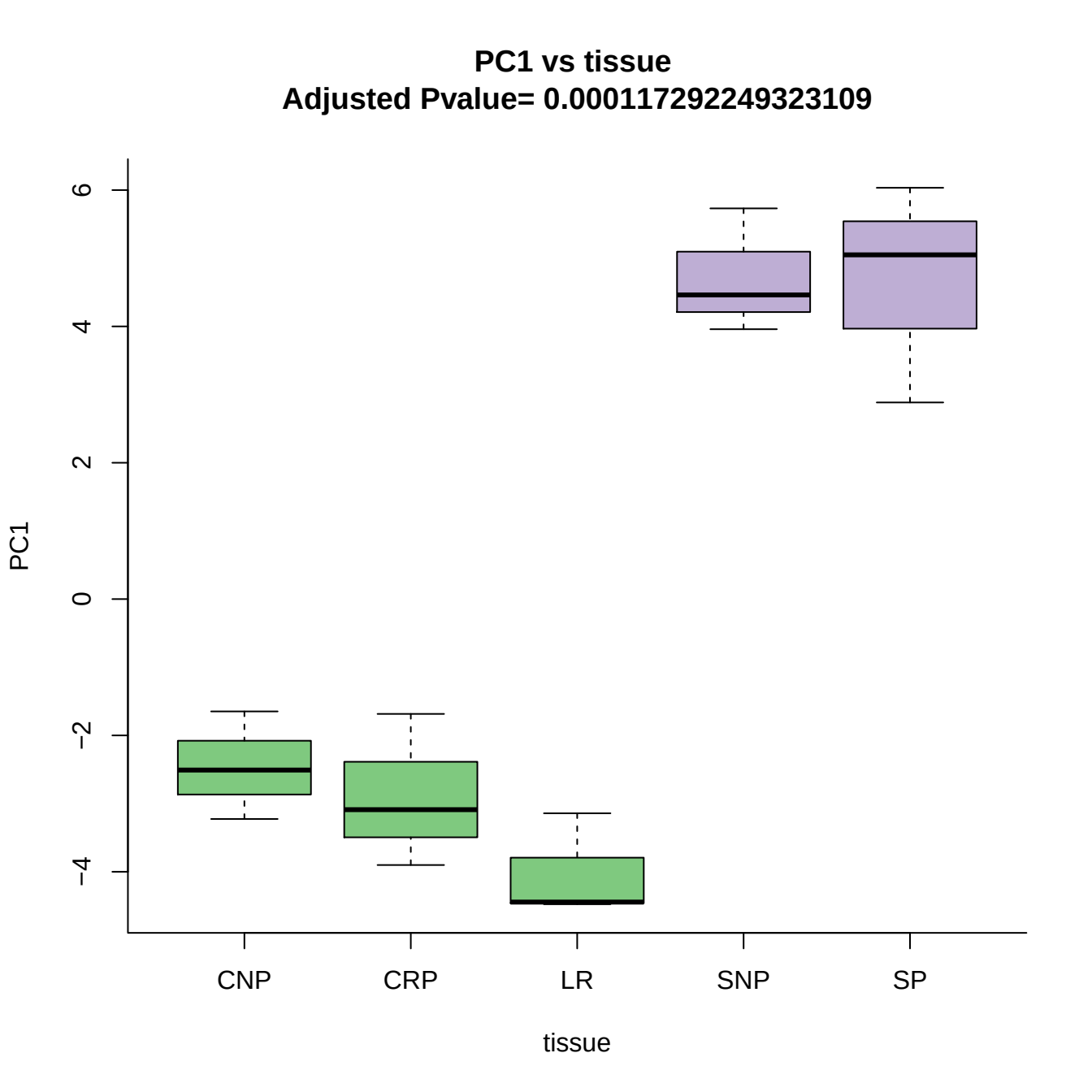
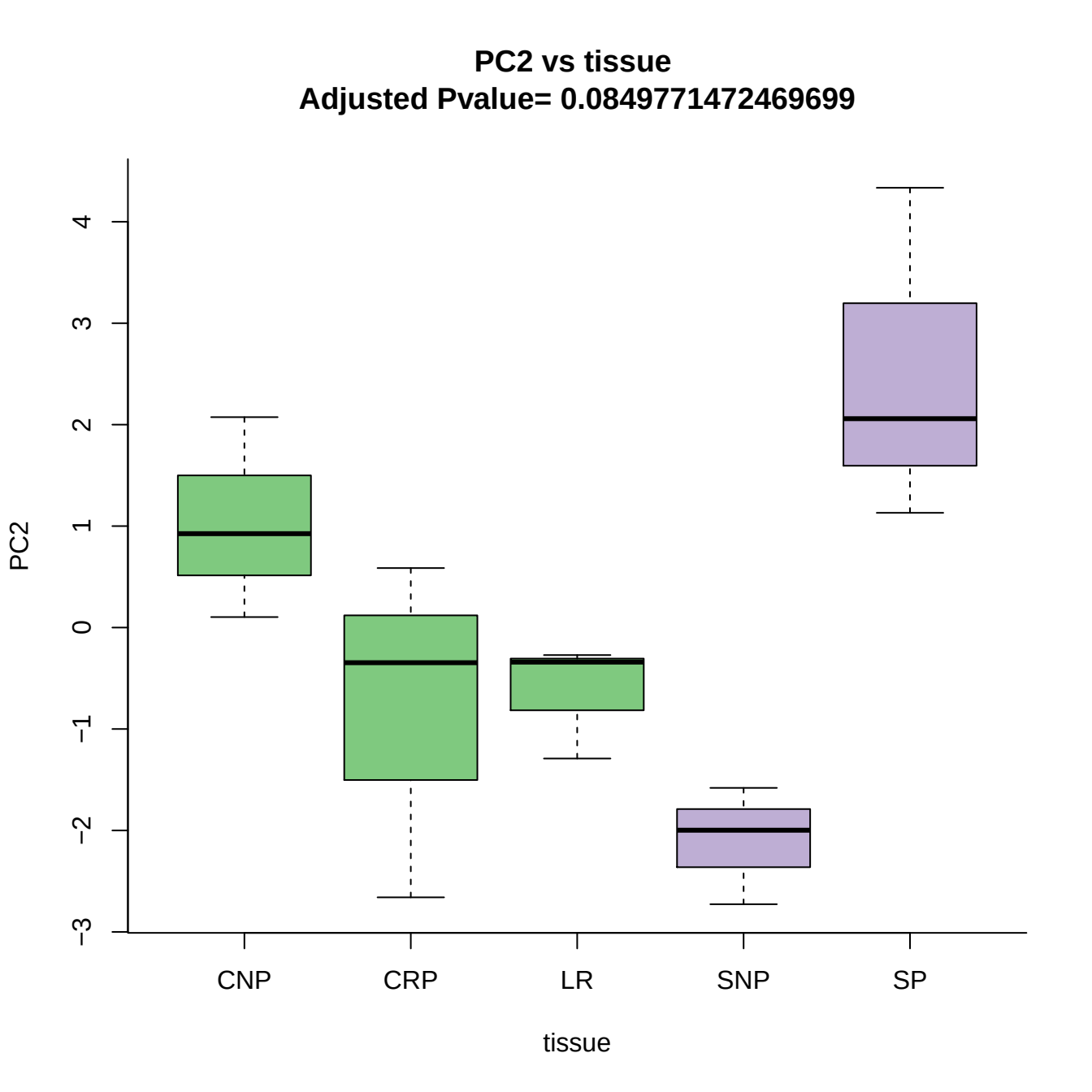
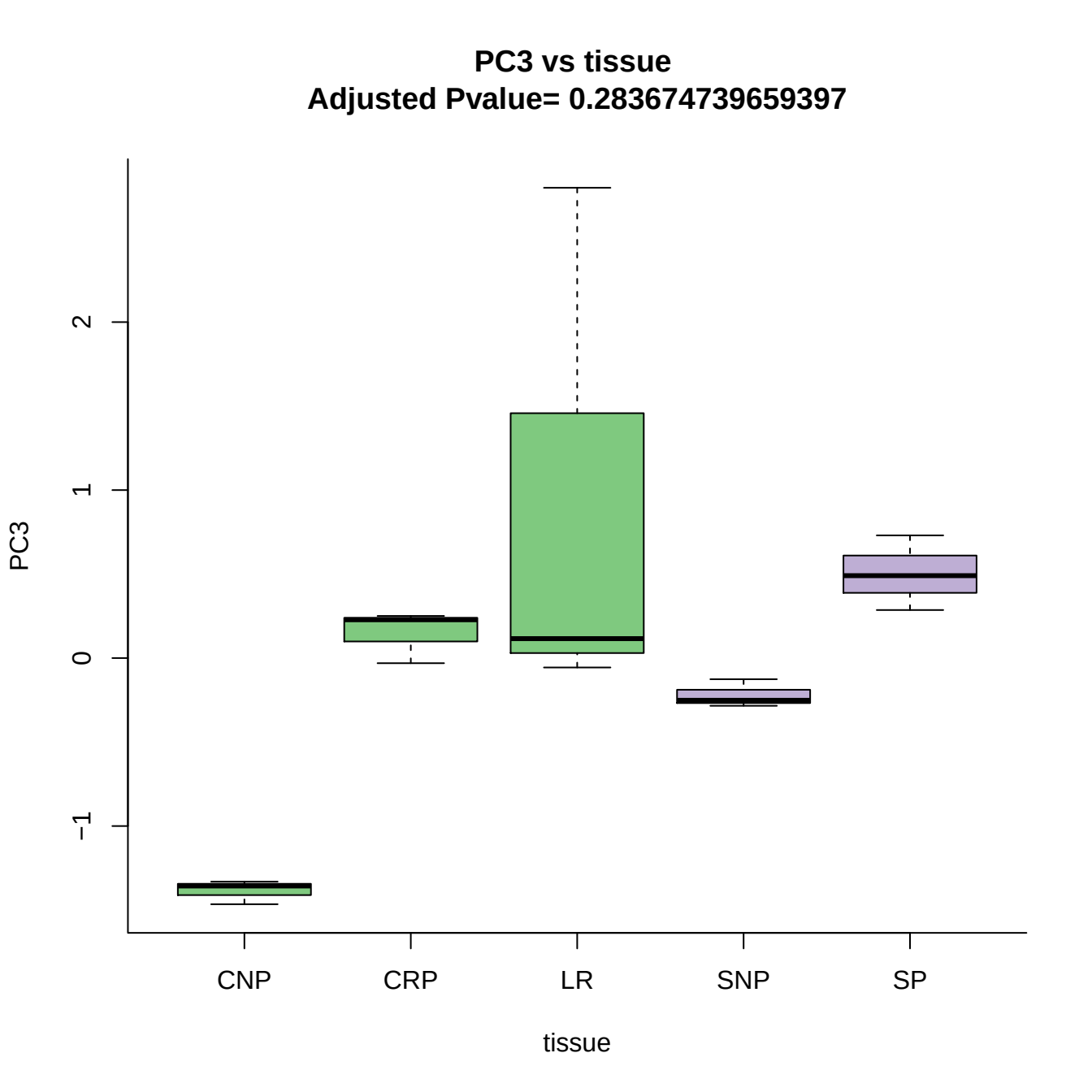
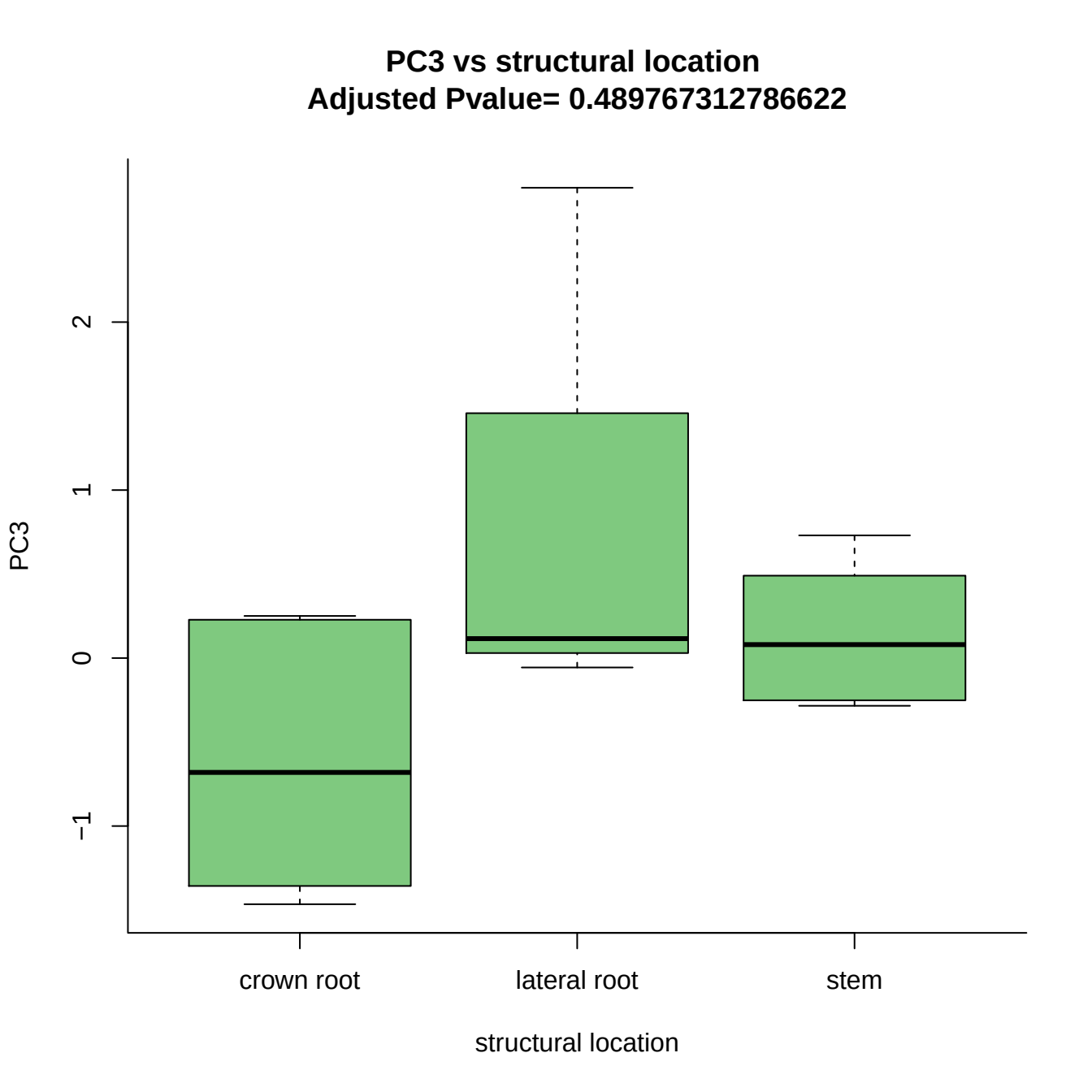

PC1 vs root vs stem
Adjusted Pvalue= 9.84498792488964e−07
PC1
6
4
2
0
−2
−4
root
stem
root vs stem

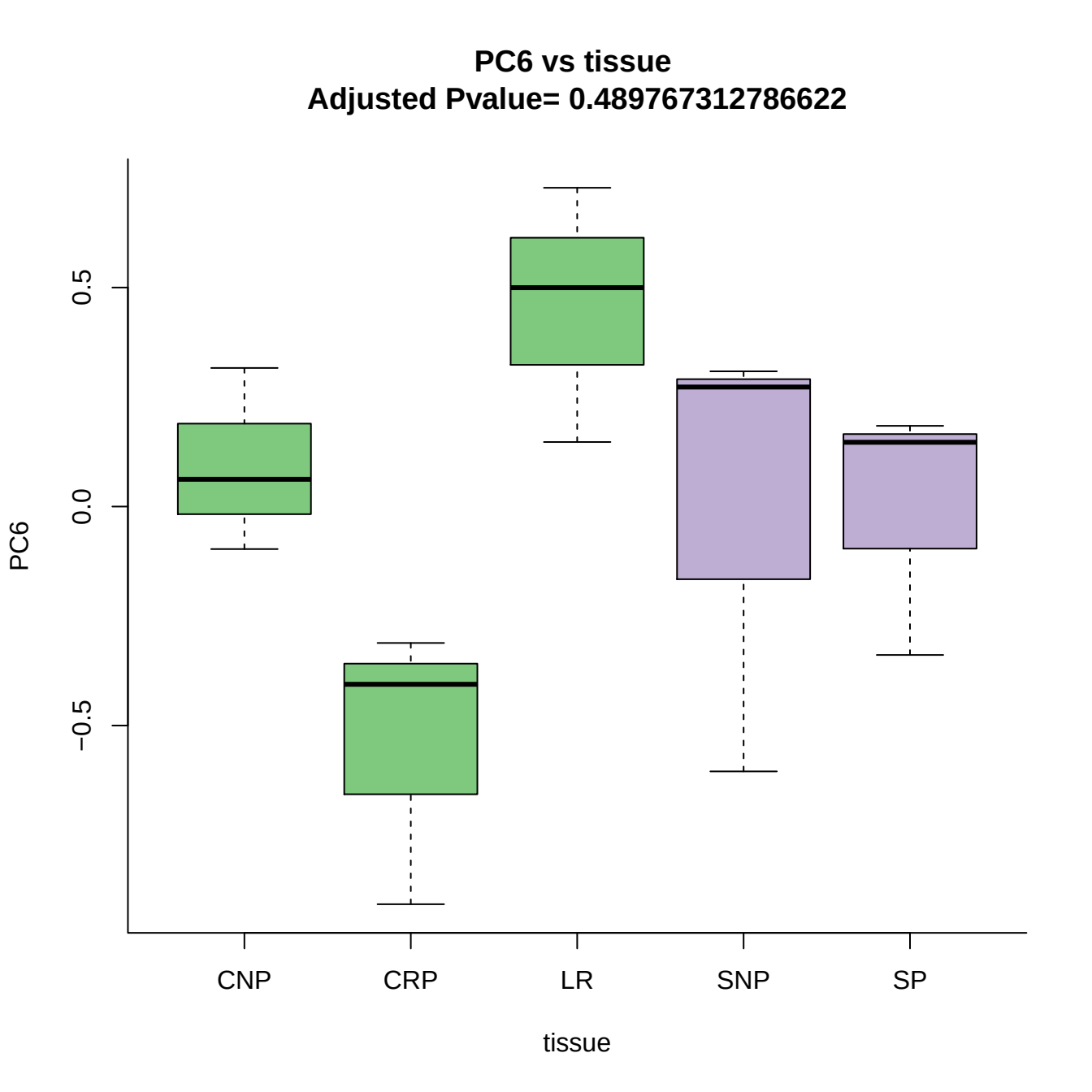

PC1 vs structural location
Adjusted Pvalue= 1.52796932606503e−06
PC1
6
4
2
0
−2
−4
crown root
lateral root
stem
structural location

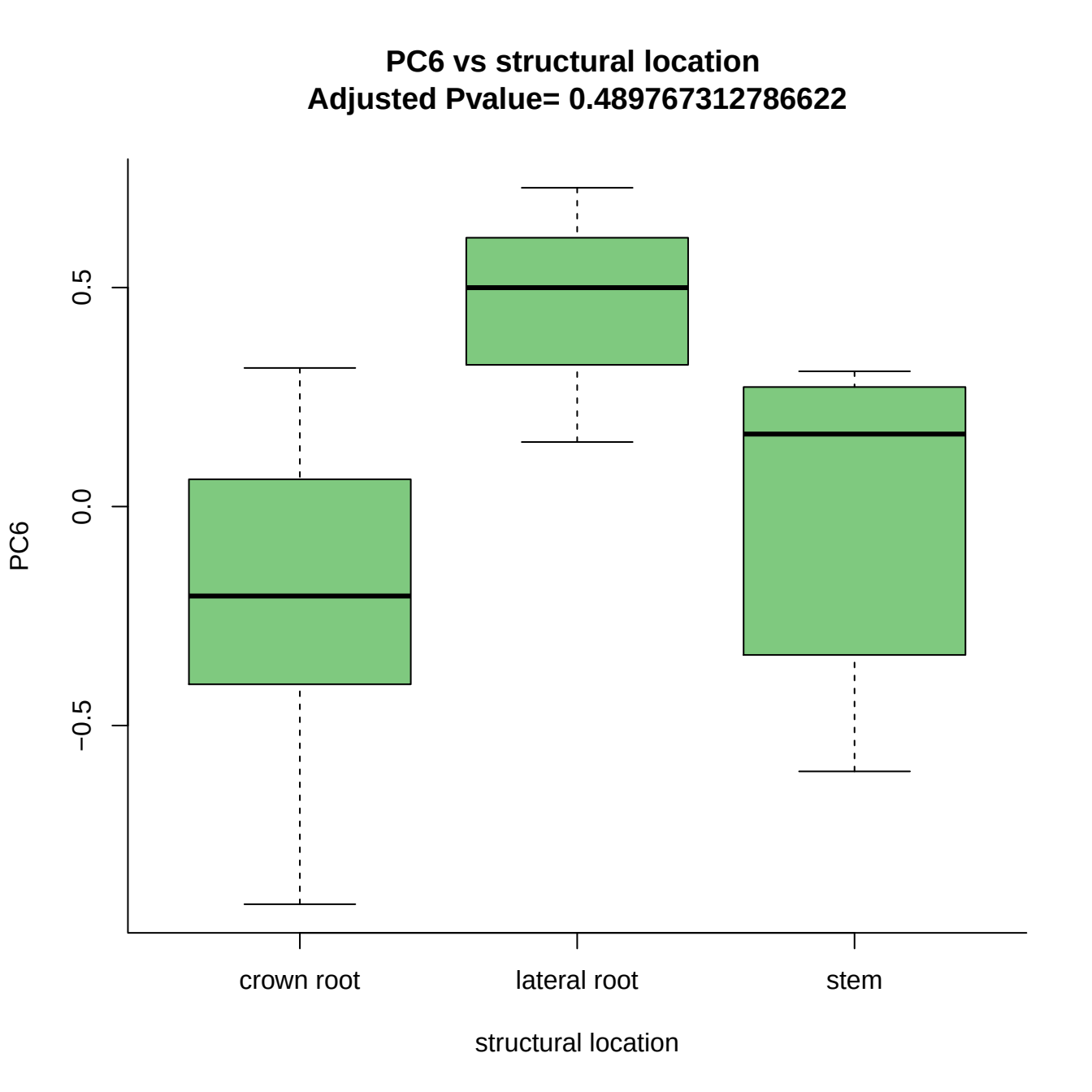

PC1 vs tissue
Adjusted Pvalue= 0.000117292249323109
PC1
6
4
2
0
−2
−4
CNP
CRP
LR
SNP
SP
tissue

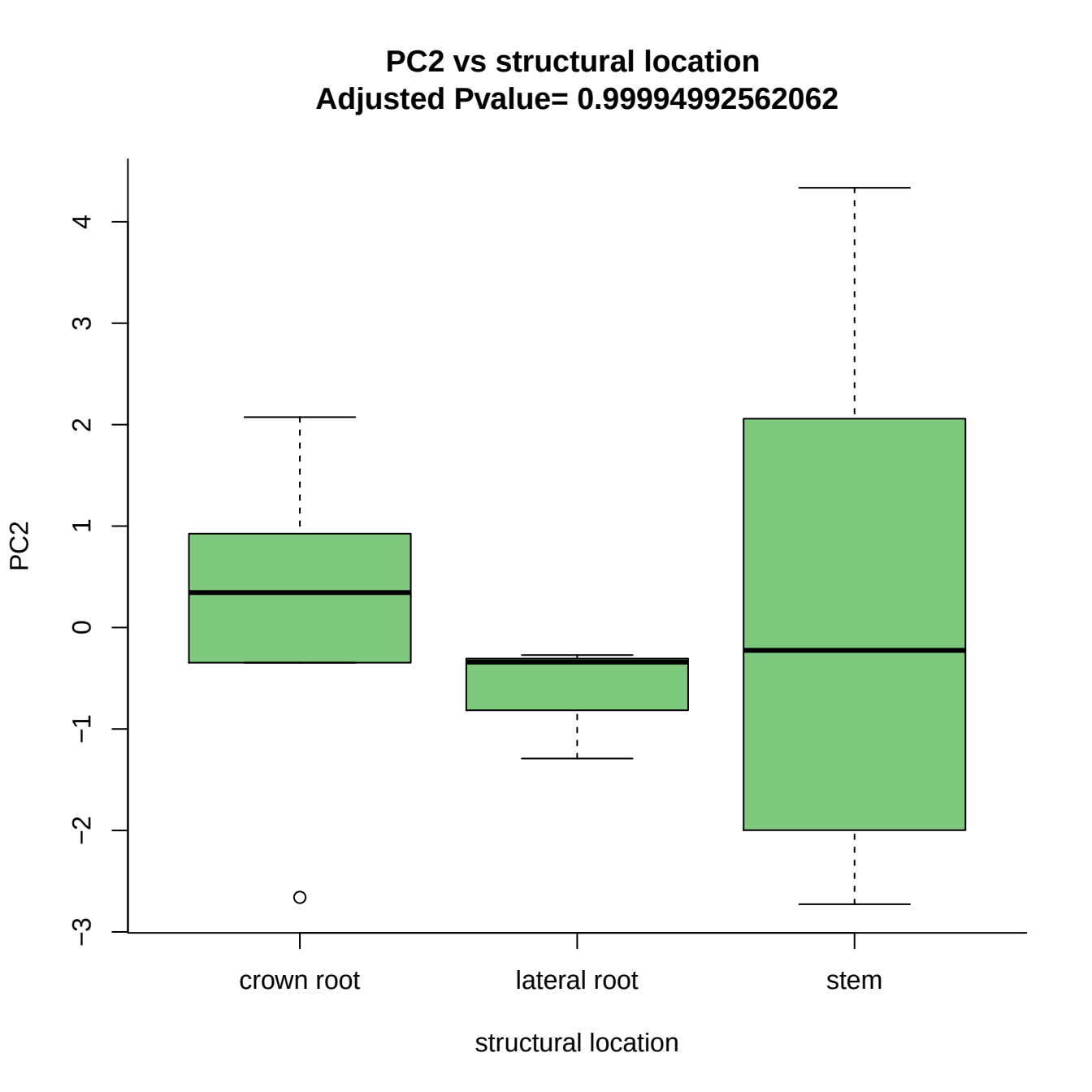

PC2 vs tissue
Adjusted Pvalue= 0.0849771472469699
PC2
4
3
2
1
0
−1
−2
−3
CNP
CRP
LR
SNP
SP
tissue

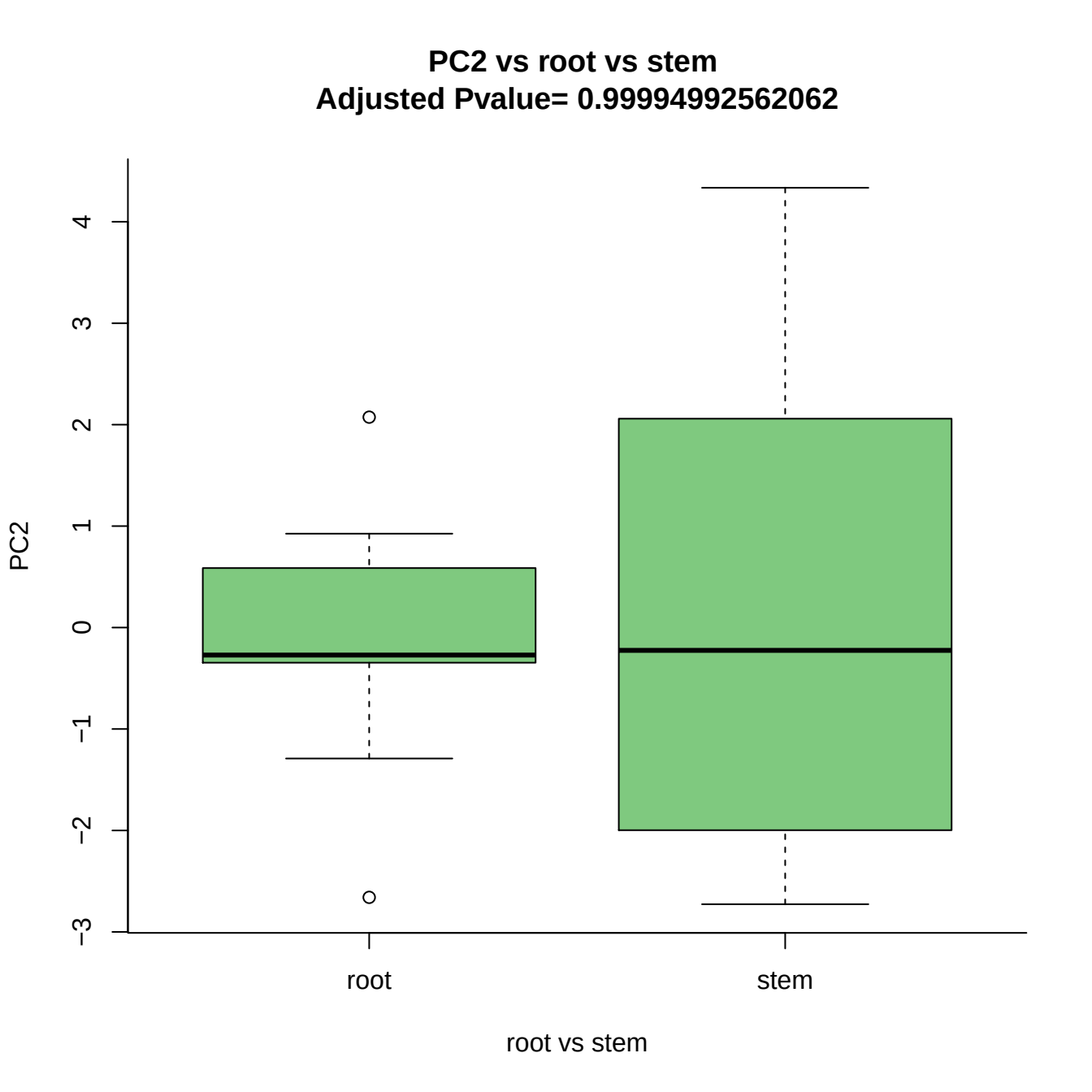

PC3 vs tissue
Adjusted Pvalue= 0.283674739659397
PC3
2
1
0
−1
CNP
CRP
LR
SNP
SP
tissue

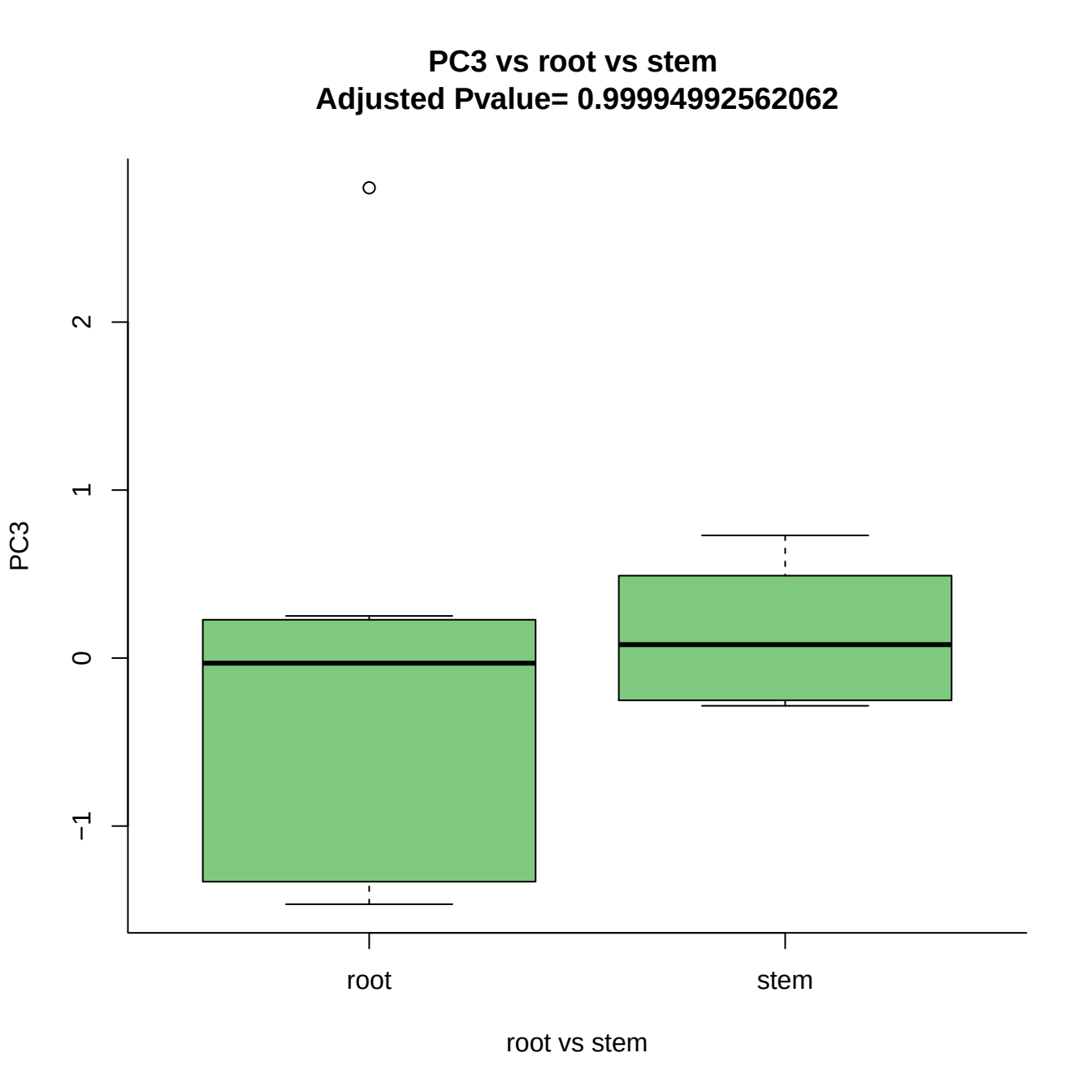

PC3 vs structural location
Adjusted Pvalue= 0.489767312786622
PC3
2
1
0
−1
crown root
lateral root
stem
structural location

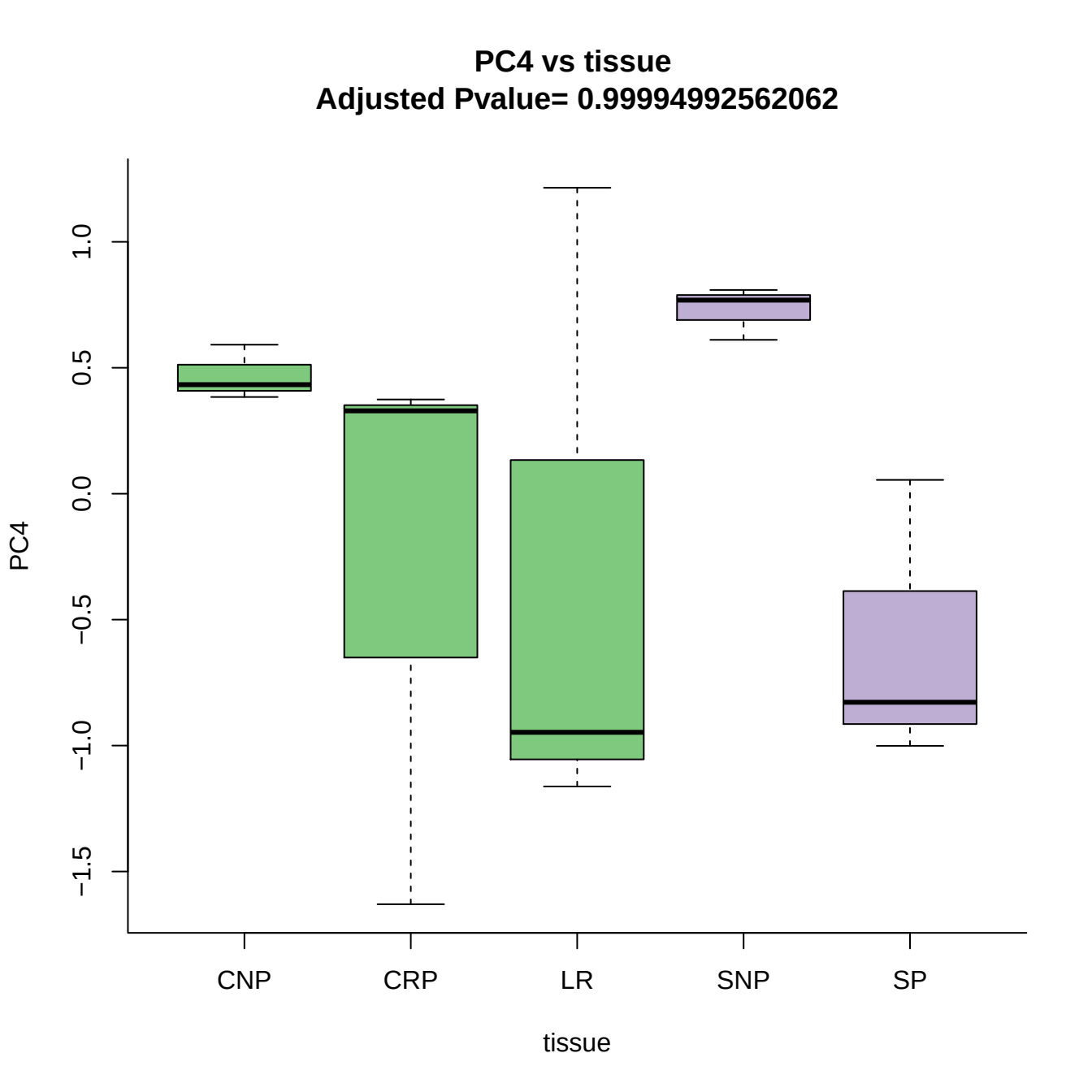

PC6 vs tissue
Adjusted Pvalue= 0.489767312786622
PC6
0.5
0.0
−0.5
CNP
CRP
LR
SNP
SP
tissue

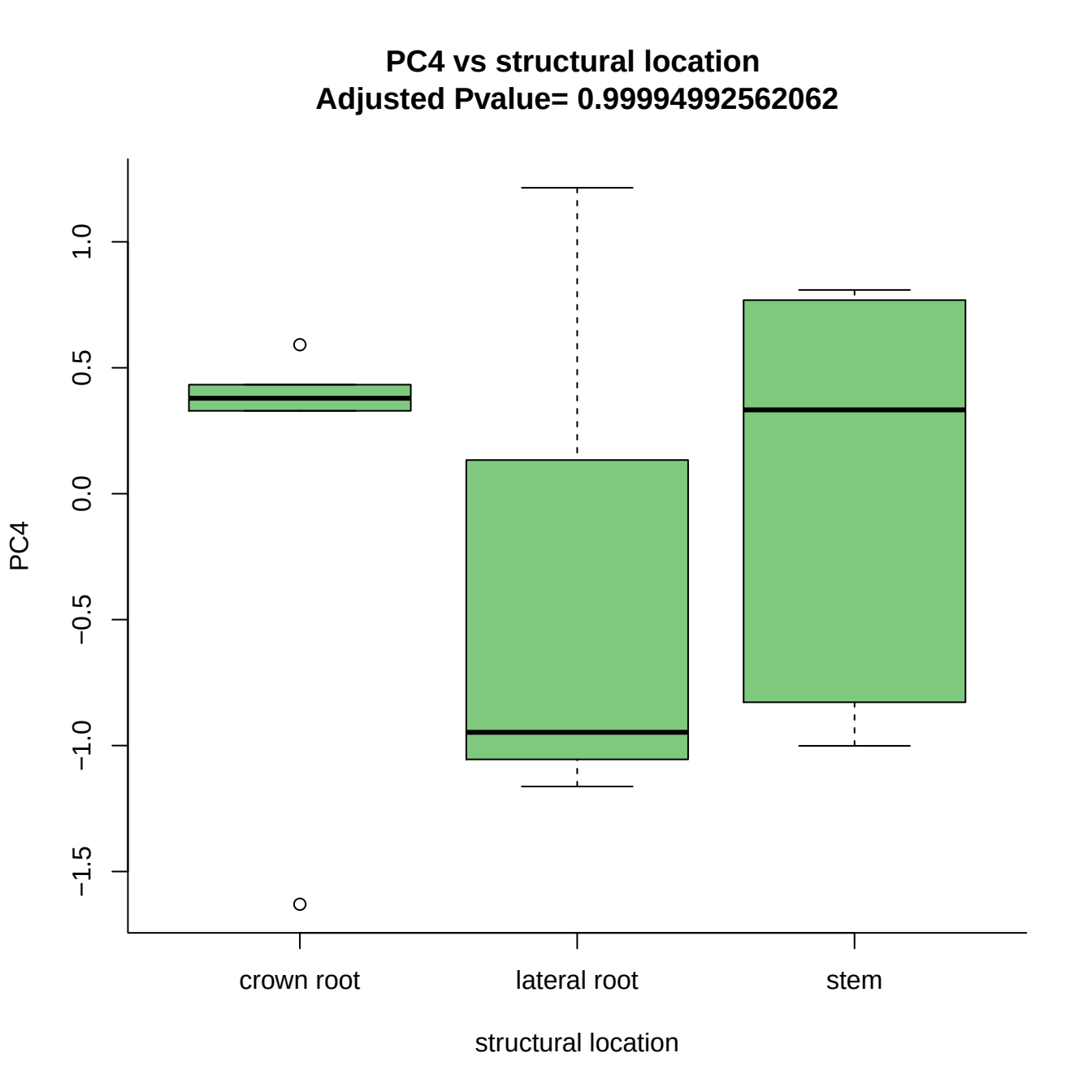

PC6 vs structural location
Adjusted Pvalue= 0.489767312786622
PC6
0.5
0.0
−0.5
crown root
lateral root
stem
structural location

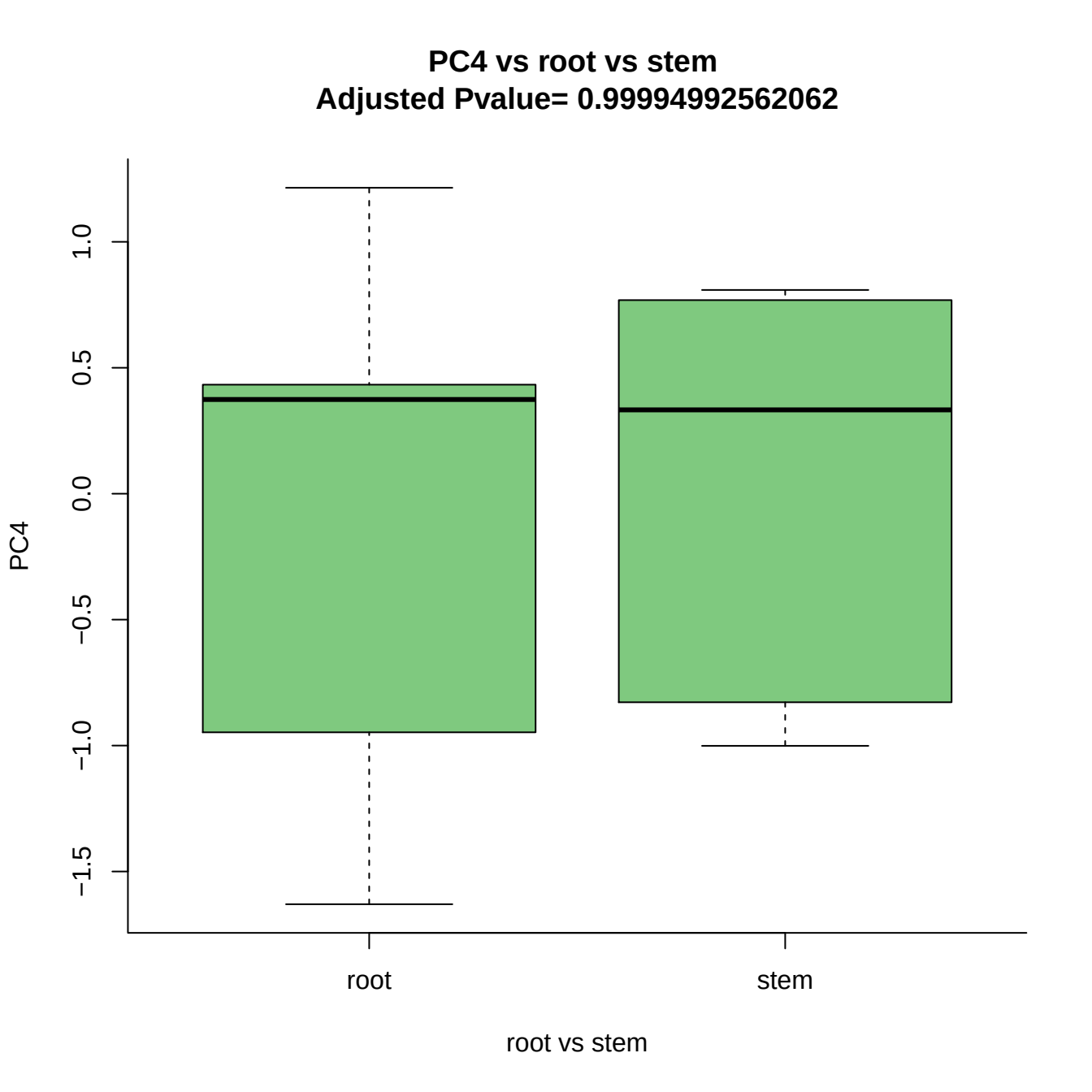

PC2 vs structural location
Adjusted Pvalue= 0.99994992562062
PC2
4
3
2
1
0
−1
−2
−3
crown root
lateral root
stem
structural location

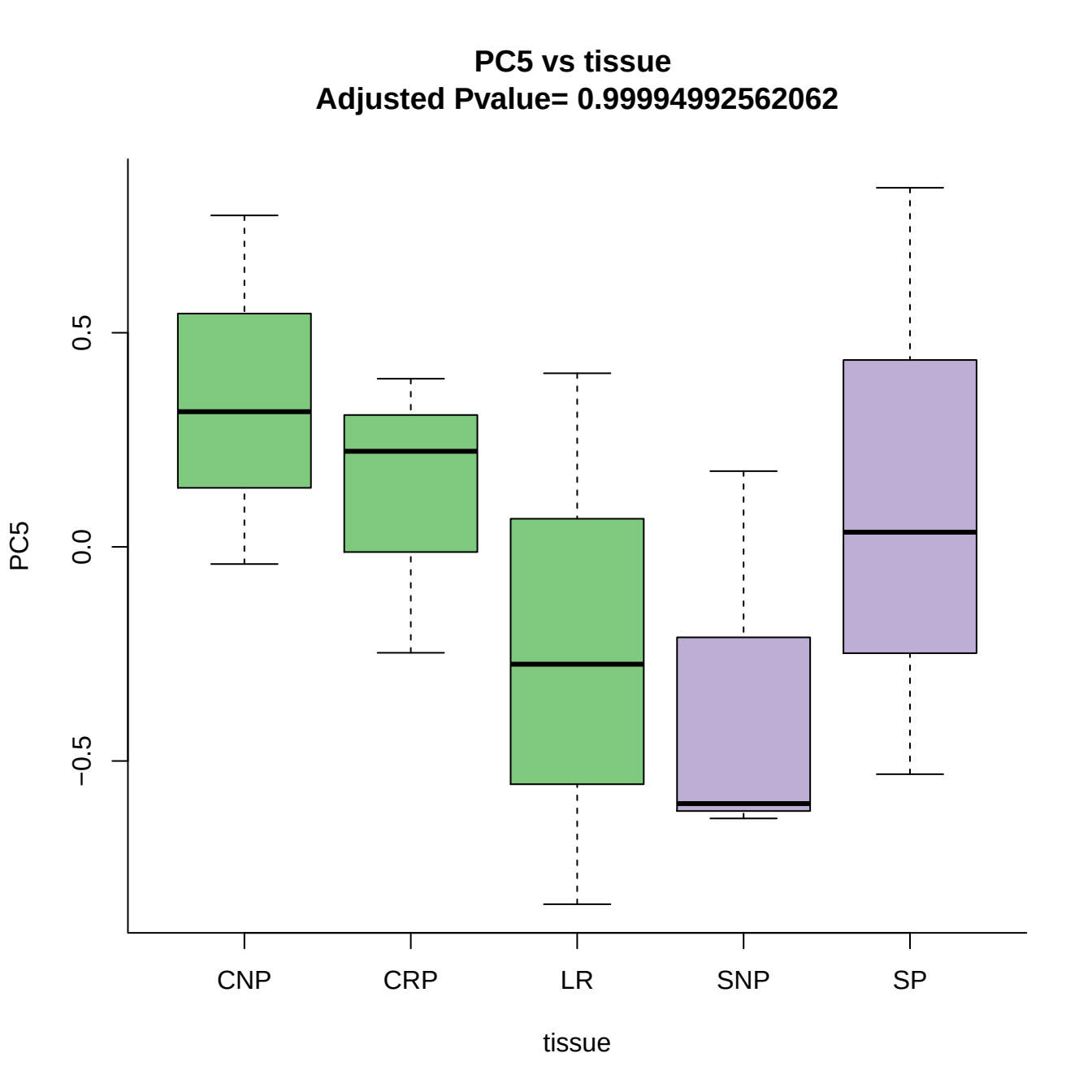

PC2 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC2
4
3
2
1
0
−1
−2
−3
root
stem
root vs stem

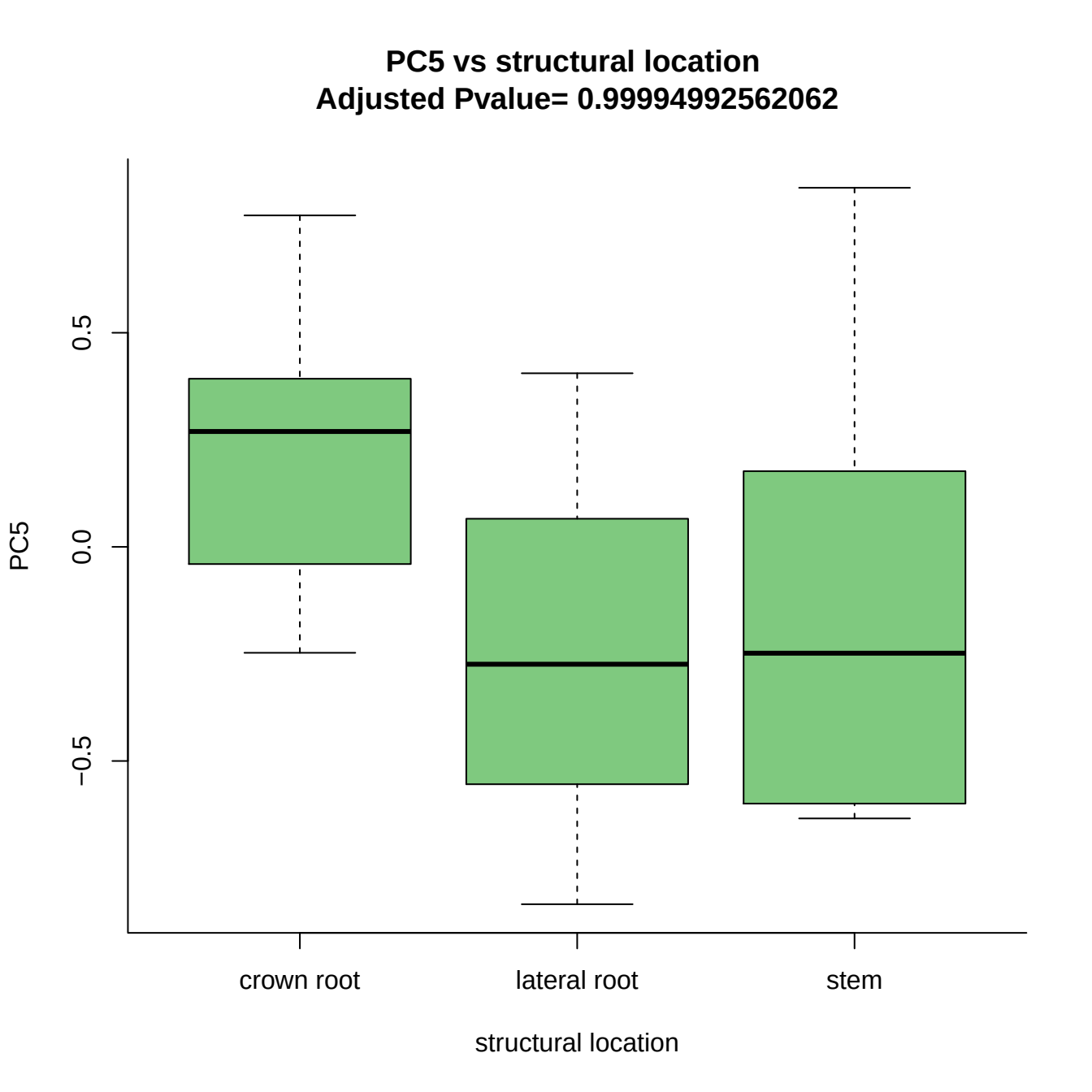

PC3 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC3
2
1
0
−1
root
stem
root vs stem

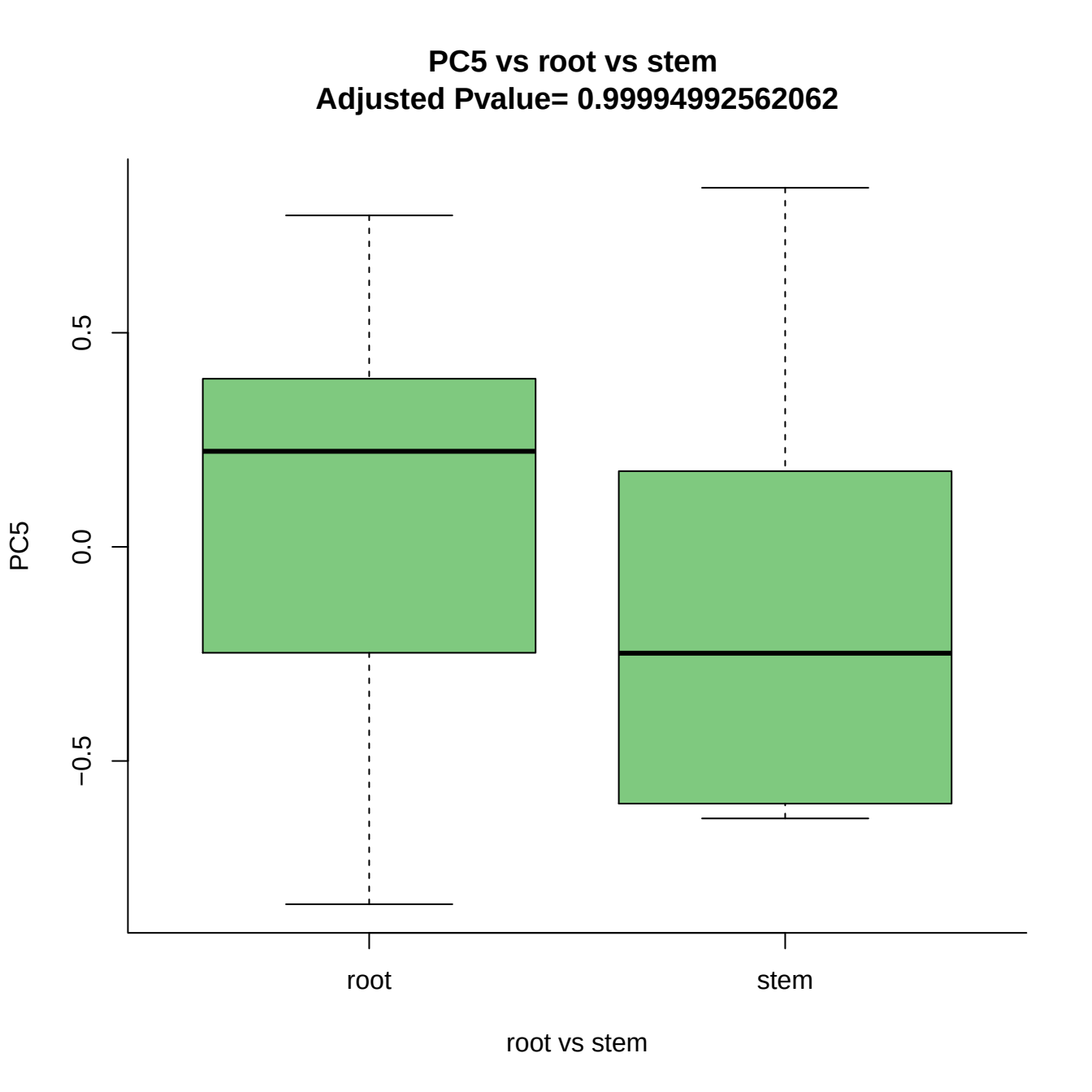

PC4 vs tissue
Adjusted Pvalue= 0.99994992562062
PC4
1.0
0.5
0.0
−0.5
−1.0
−1.5
CNP
CRP
LR
SNP
SP
tissue

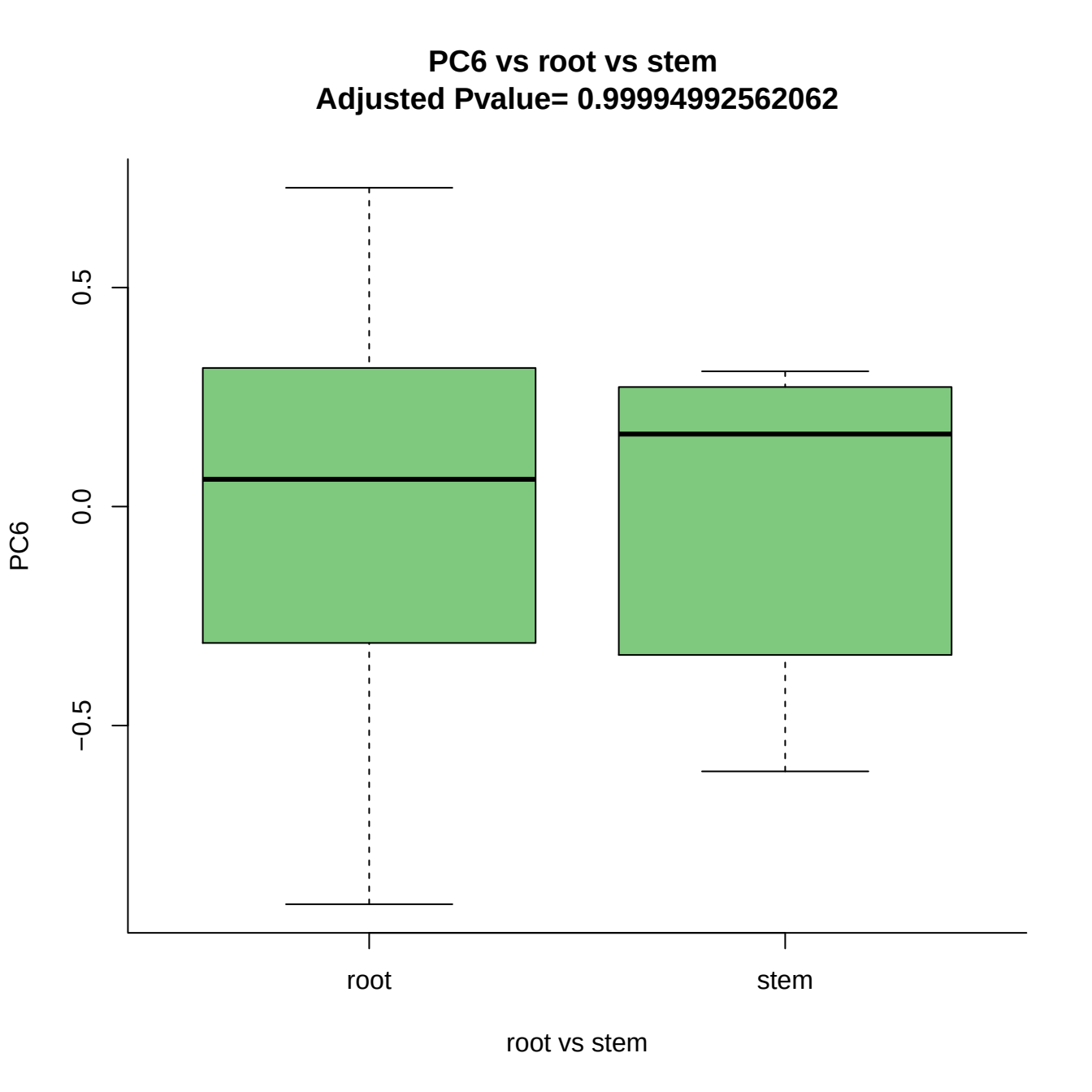

PC4 vs structural location
Adjusted Pvalue= 0.99994992562062
PC4
1.0
0.5
0.0
−0.5
−1.0
−1.5
crown root
lateral root
stem
structural location

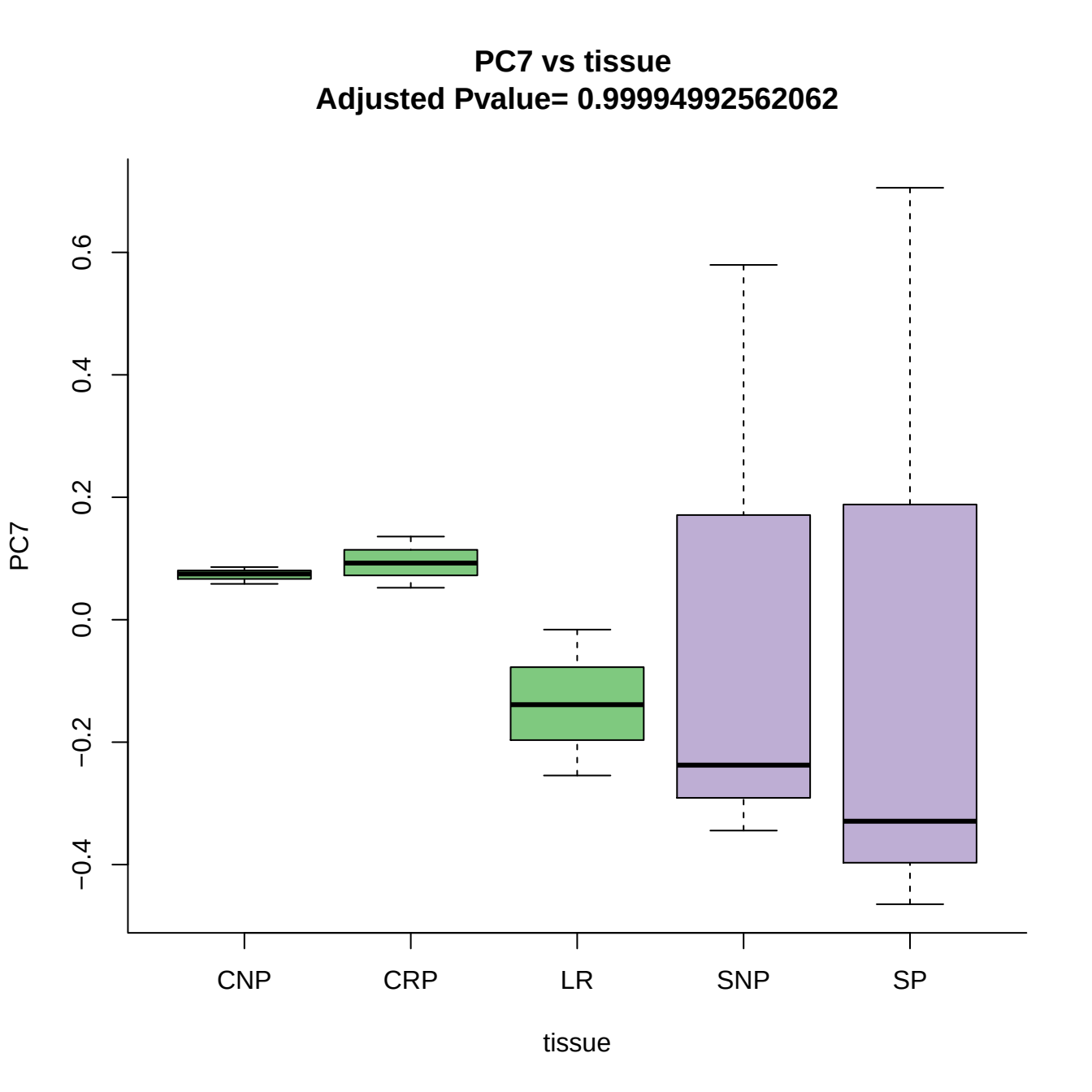

PC4 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC4
1.0
0.5
0.0
−0.5
−1.0
−1.5
root
stem
root vs stem

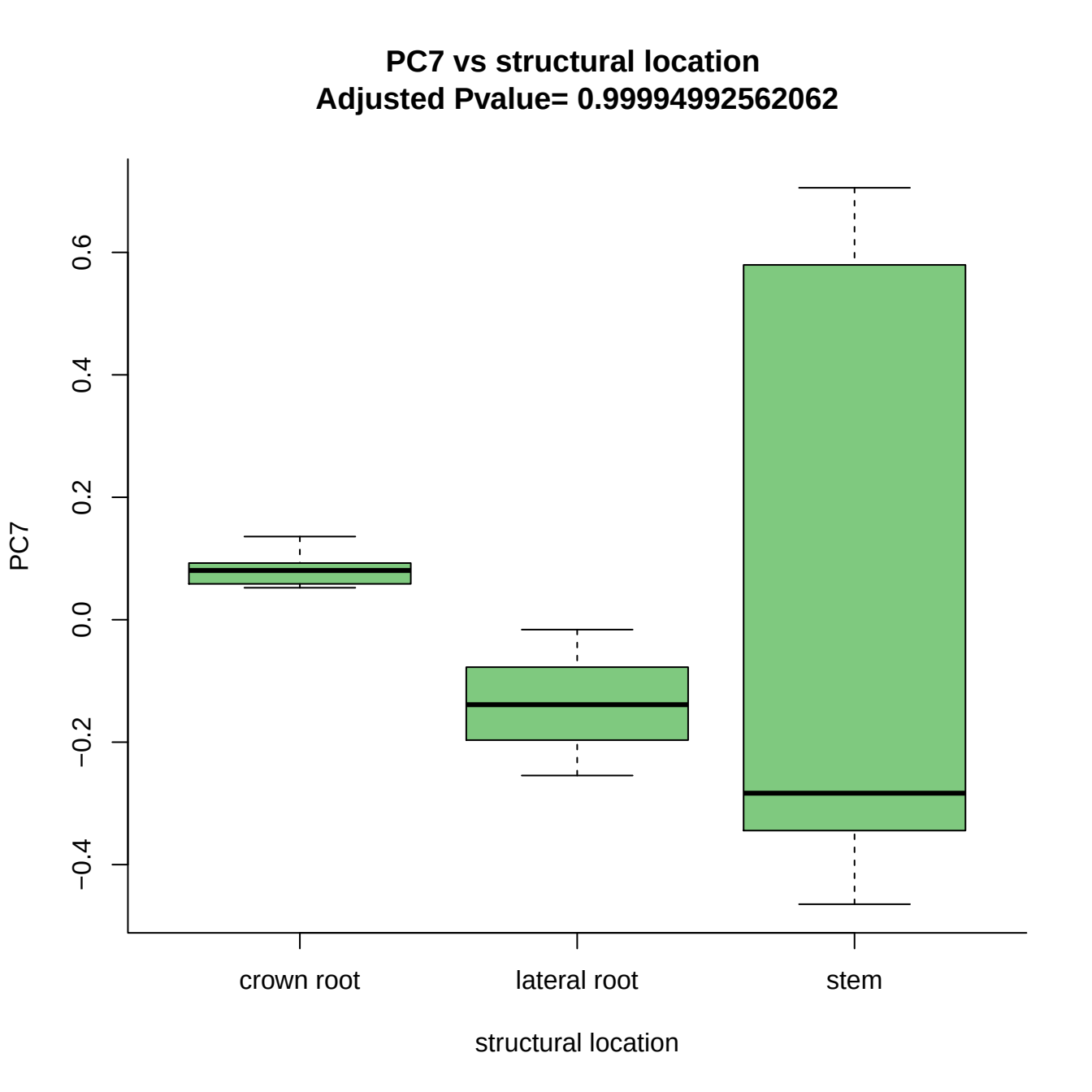

PC5 vs tissue
Adjusted Pvalue= 0.99994992562062
PC5
0.5
0.0
−0.5
CNP
CRP
LR
SNP
SP
tissue

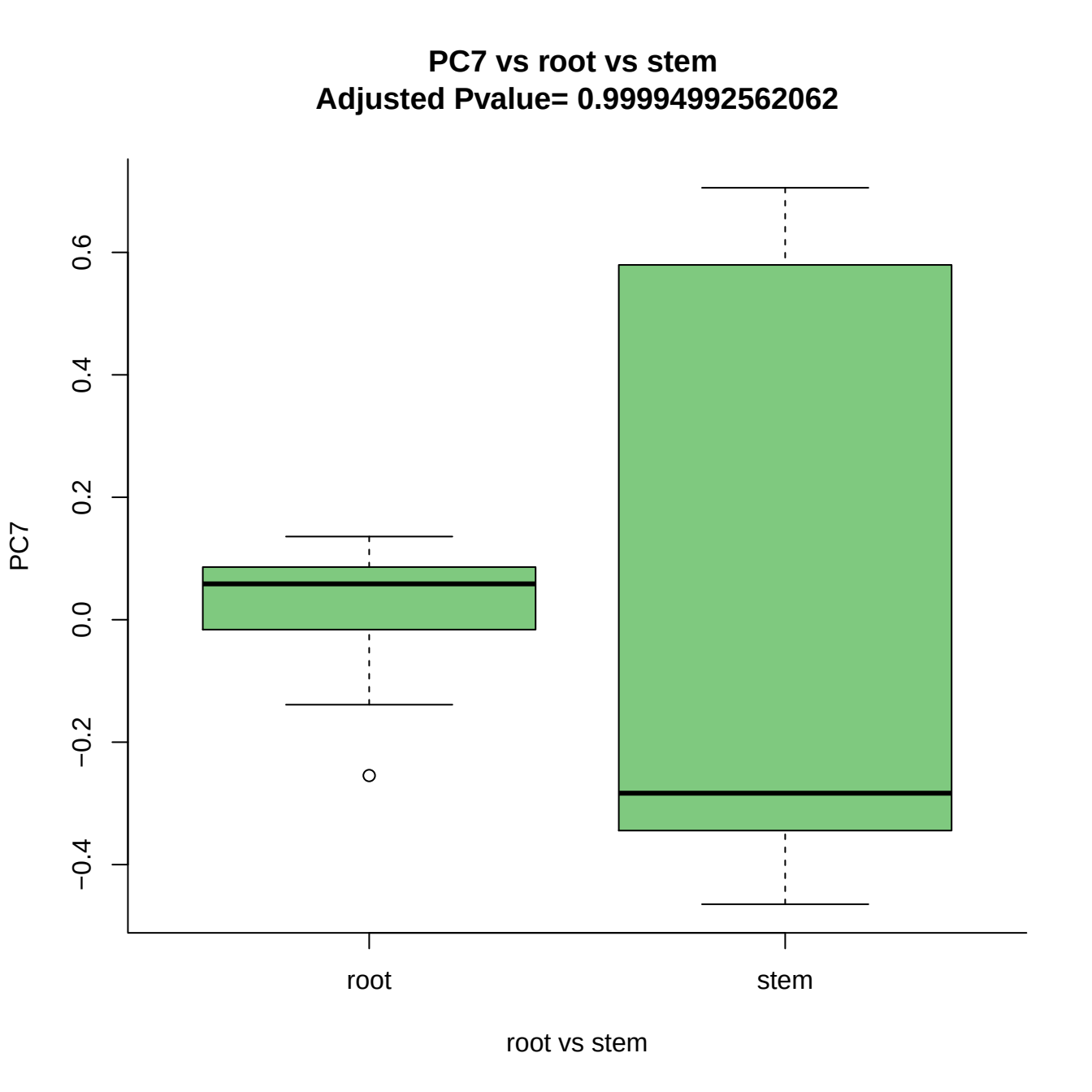

PC5 vs structural location
Adjusted Pvalue= 0.99994992562062
PC5
0.5
0.0
−0.5
crown root
lateral root
stem
structural location

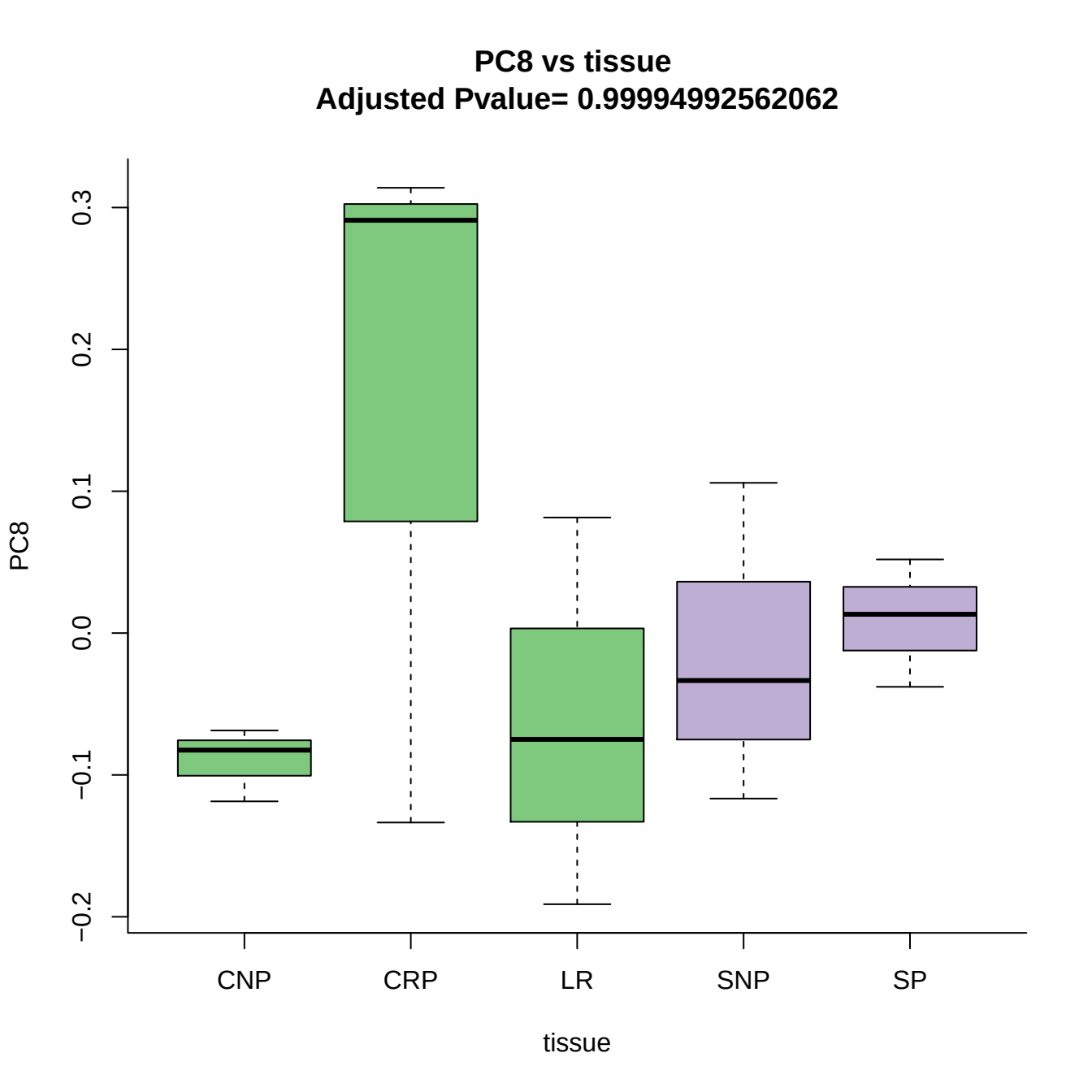

PC5 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC5
0.5
0.0
−0.5
root
stem
root vs stem

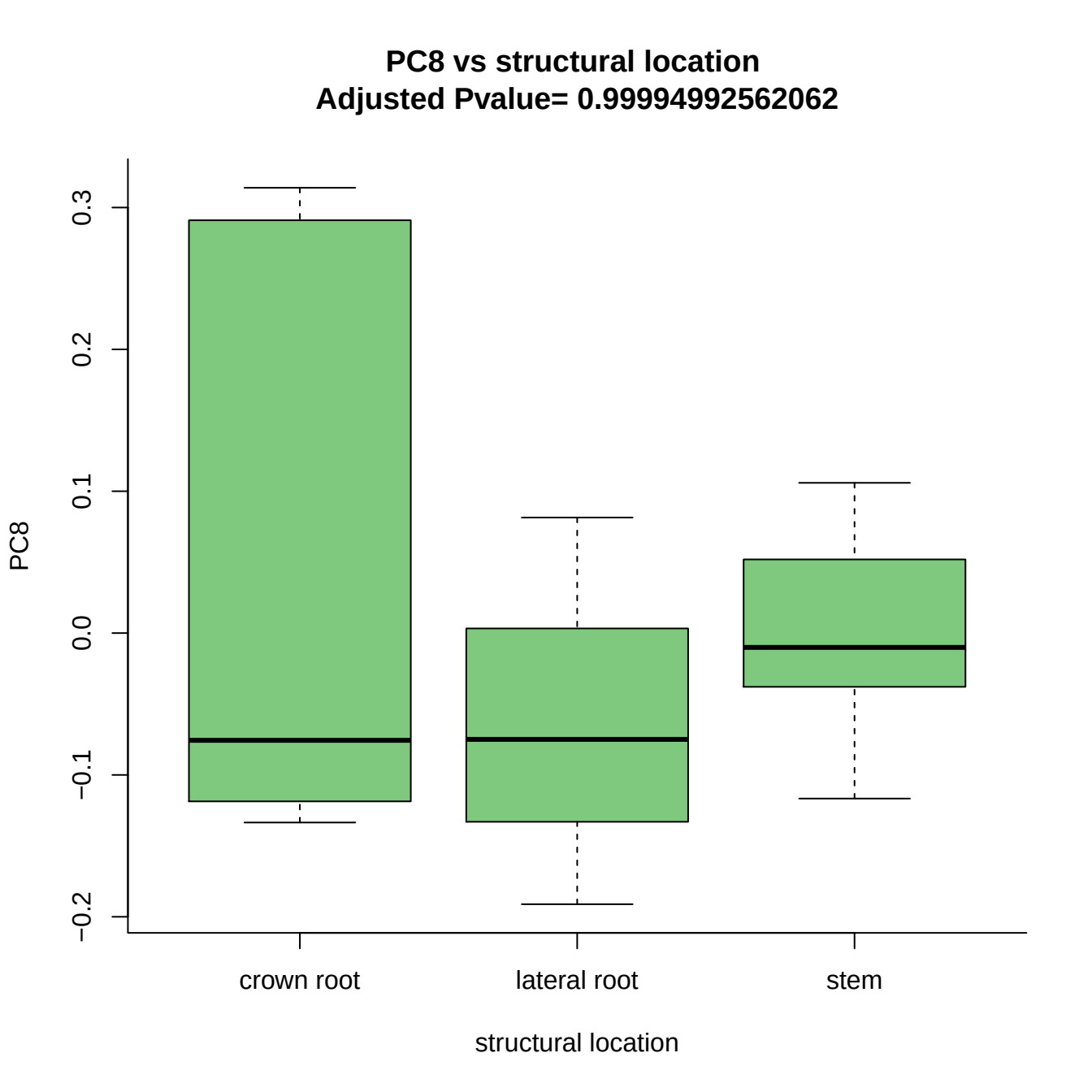

PC6 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC6
0.5
0.0
−0.5
root
stem
root vs stem

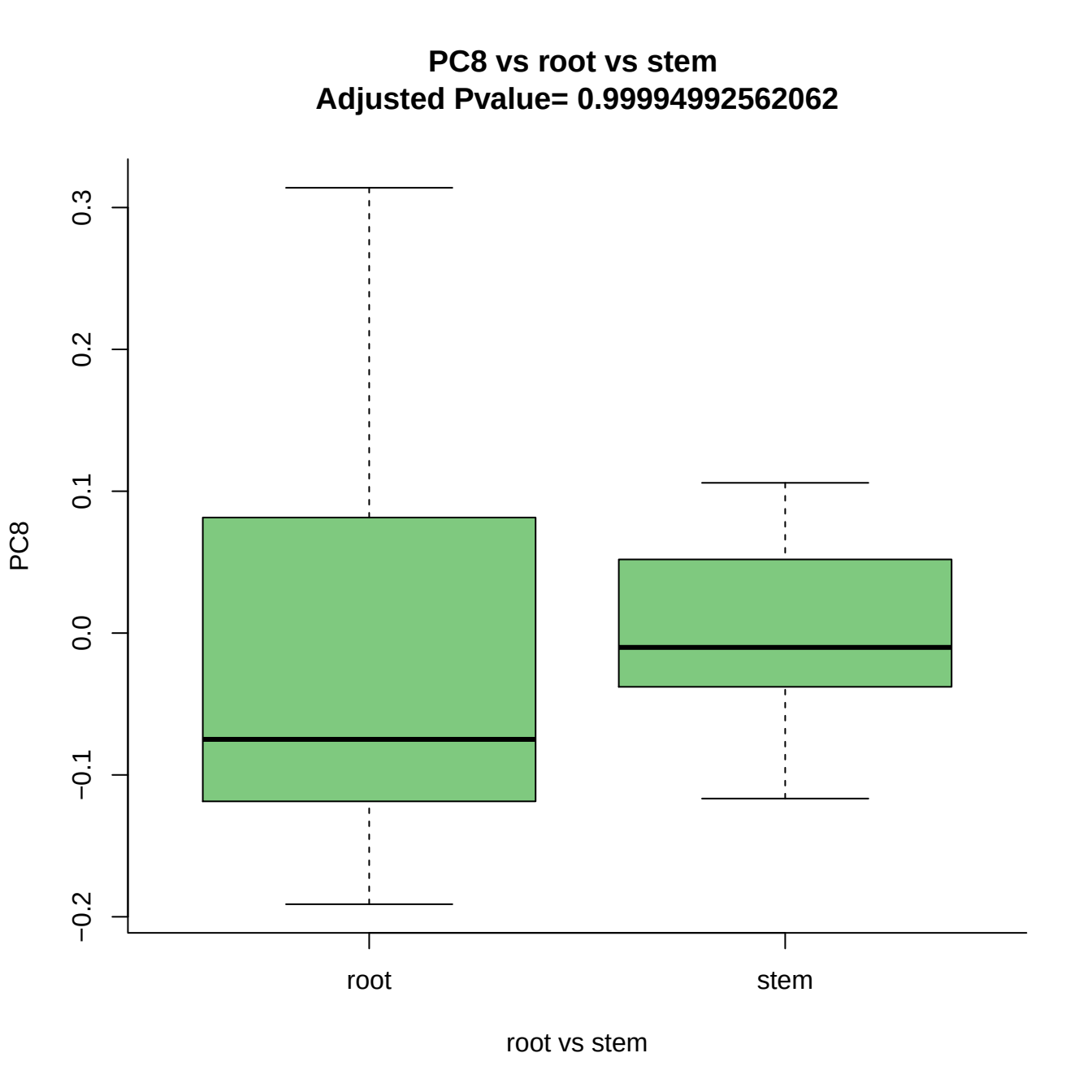

PC7 vs tissue
Adjusted Pvalue= 0.99994992562062
PC7
0.6
0.4
0.2
0.0
−0.2
−0.4
CNP
CRP
LR
SNP
SP
tissue

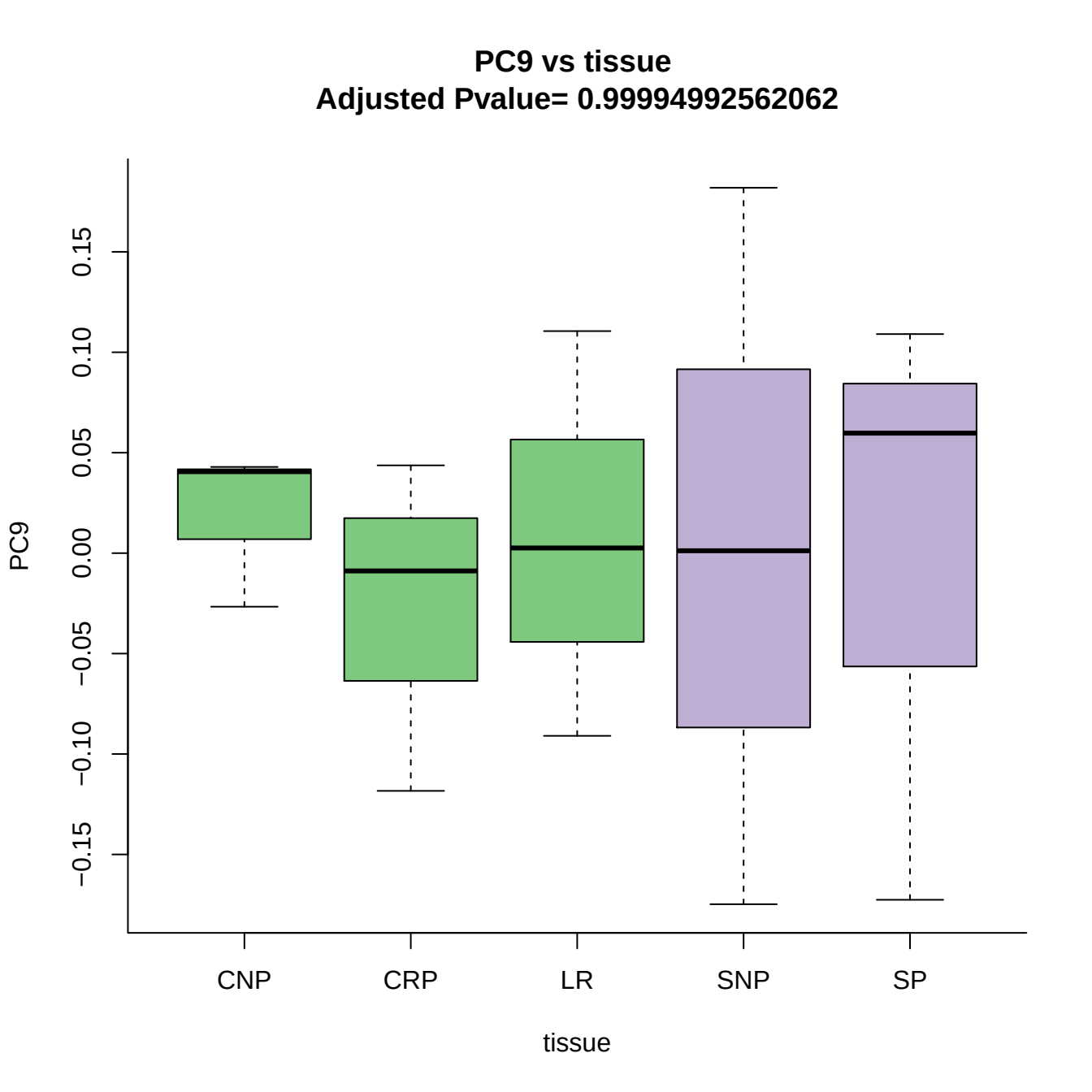

PC7 vs structural location
Adjusted Pvalue= 0.99994992562062
PC7
0.6
0.4
0.2
0.0
−0.2
−0.4
crown root
lateral root
stem
structural location

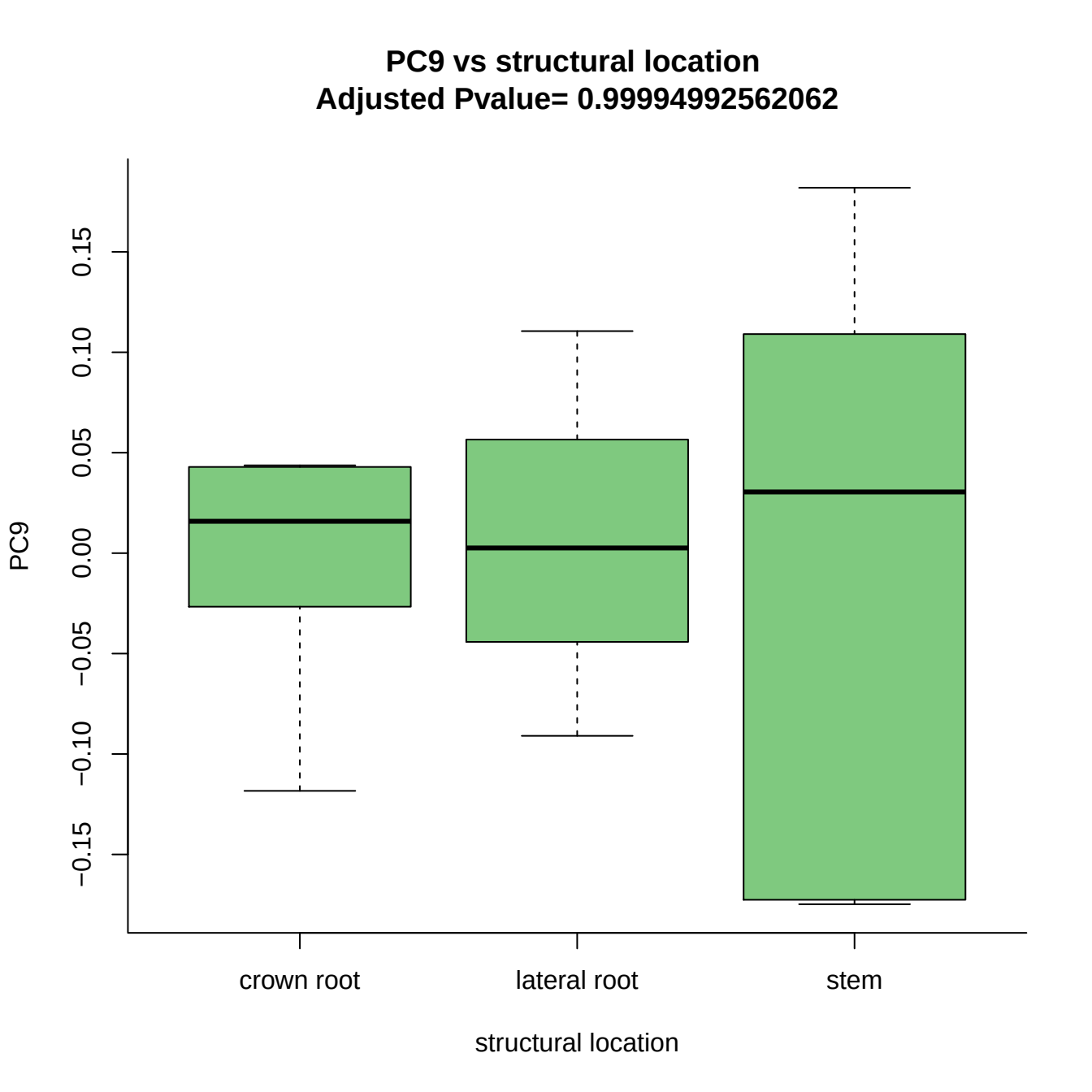

PC7 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC7
0.6
0.4
0.2
0.0
−0.2
−0.4
root
stem
root vs stem

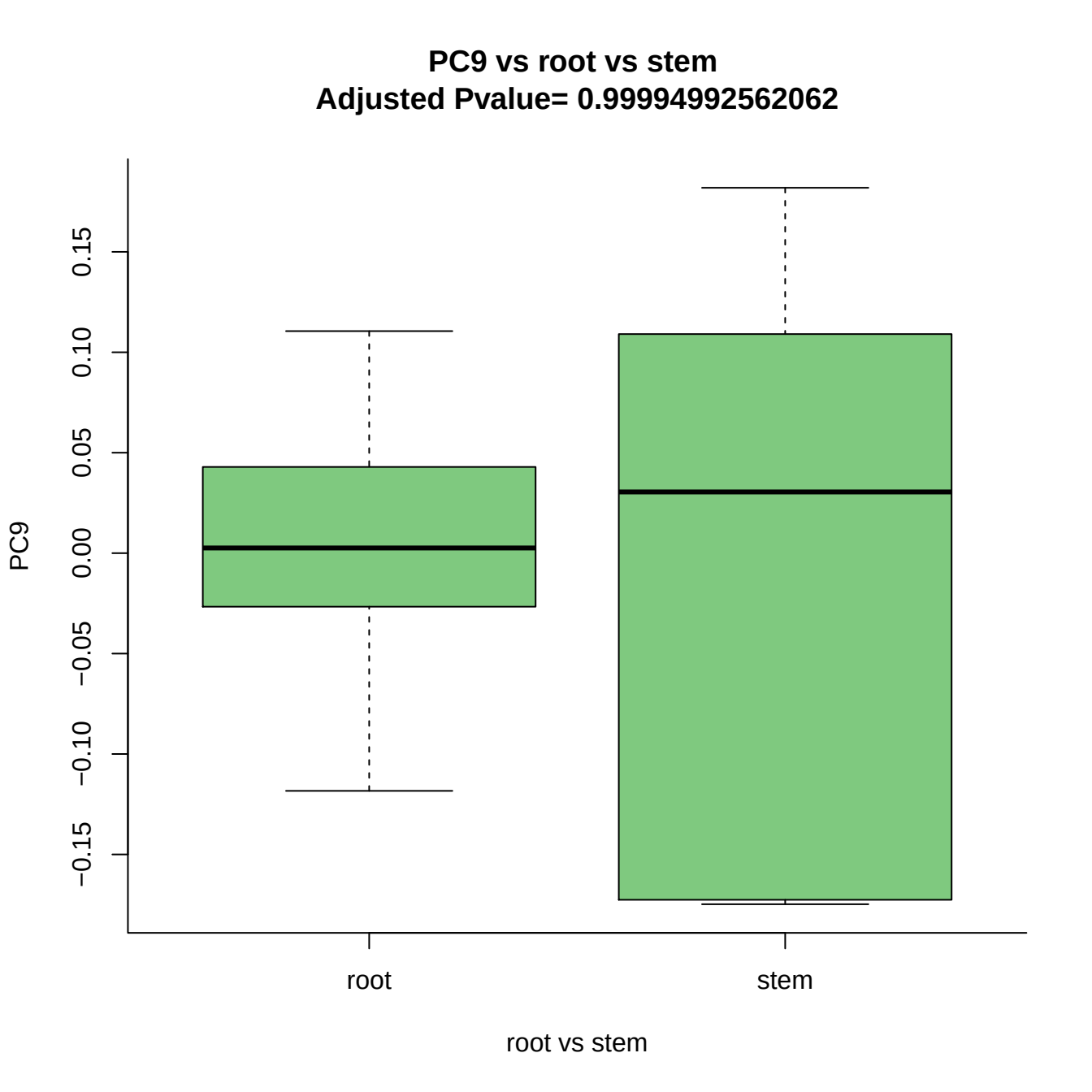

PC8 vs tissue
Adjusted Pvalue= 0.99994992562062
PC8
0.3
0.2
0.1
0.0
−0.1
−0.2
CNP
CRP
LR
SNP
SP
tissue

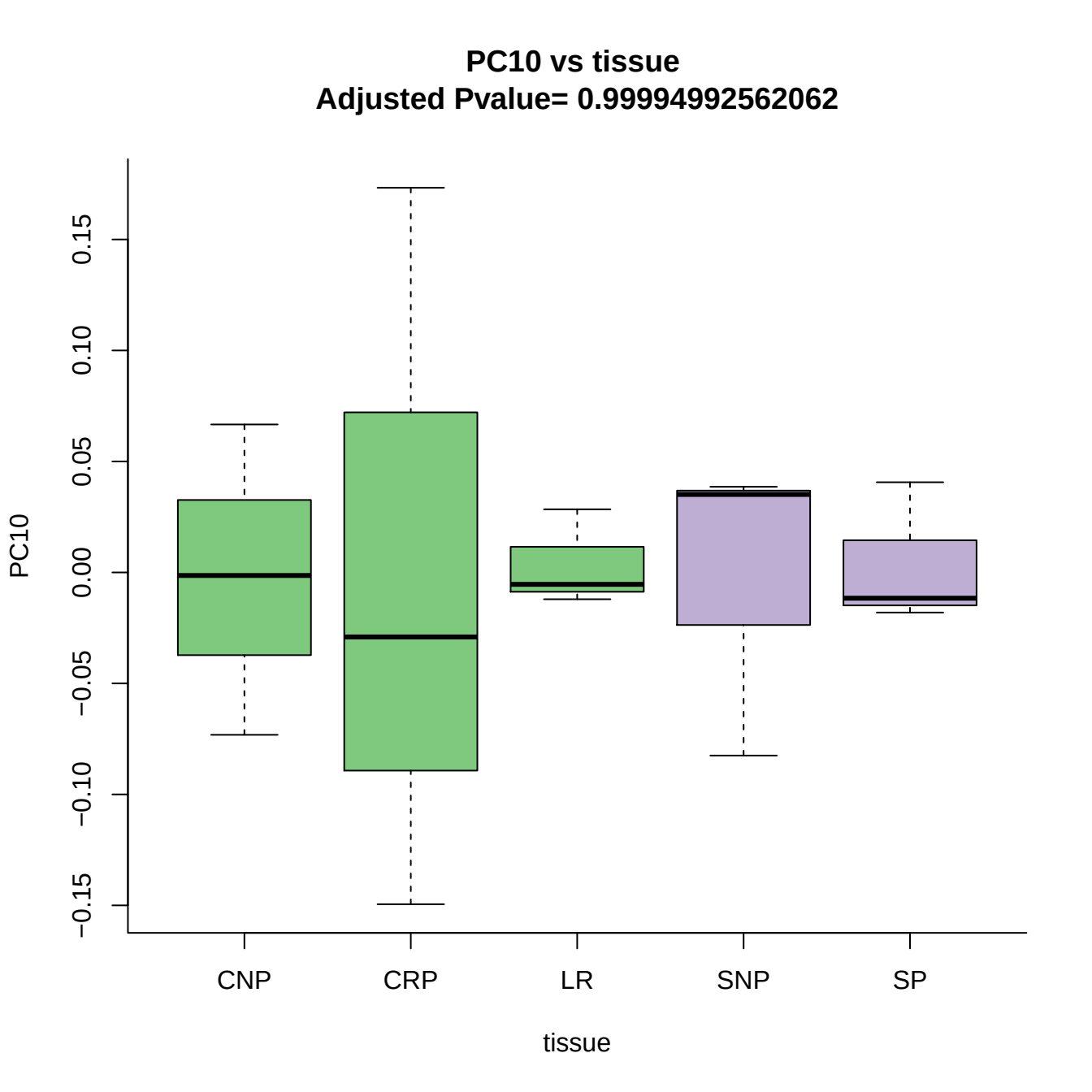

PC8 vs structural location
Adjusted Pvalue= 0.99994992562062
PC8
0.3
0.2
0.1
0.0
−0.1
−0.2
crown root
lateral root
stem
structural location

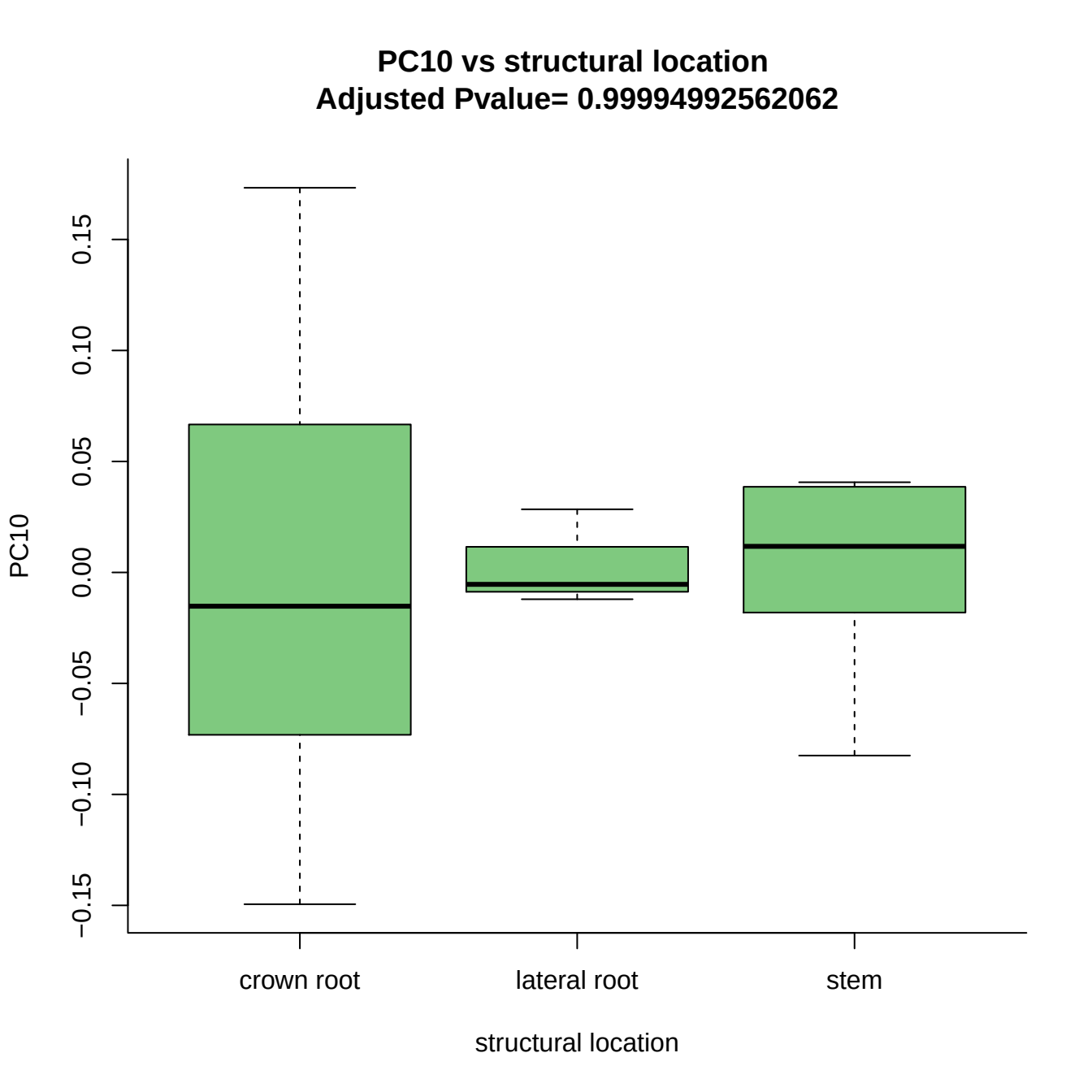

PC8 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC8
0.3
0.2
0.1
0.0
−0.1
−0.2
root
stem
root vs stem

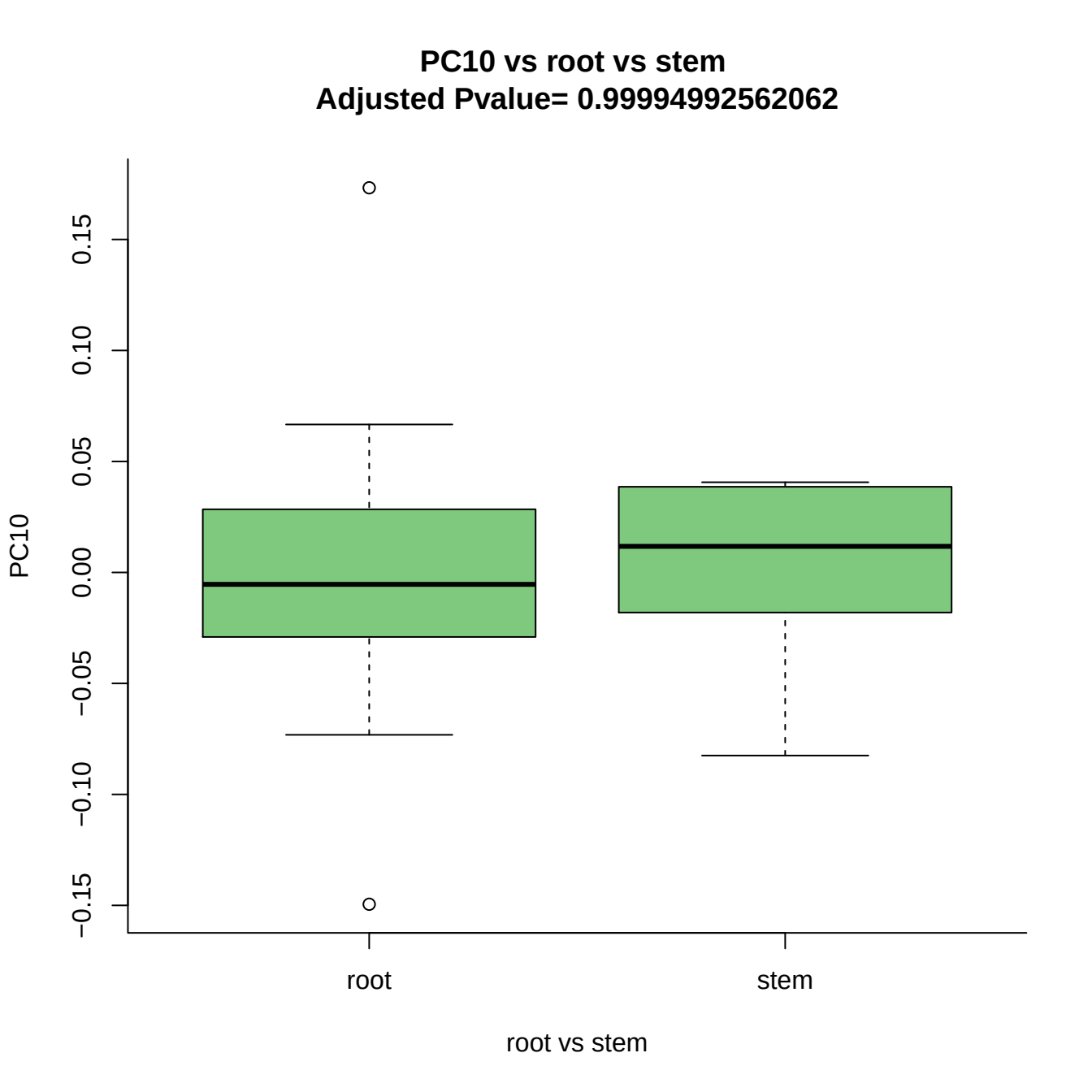

PC9 vs tissue
Adjusted Pvalue= 0.99994992562062
PC9
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
CNP
CRP
LR
SNP
SP
tissue

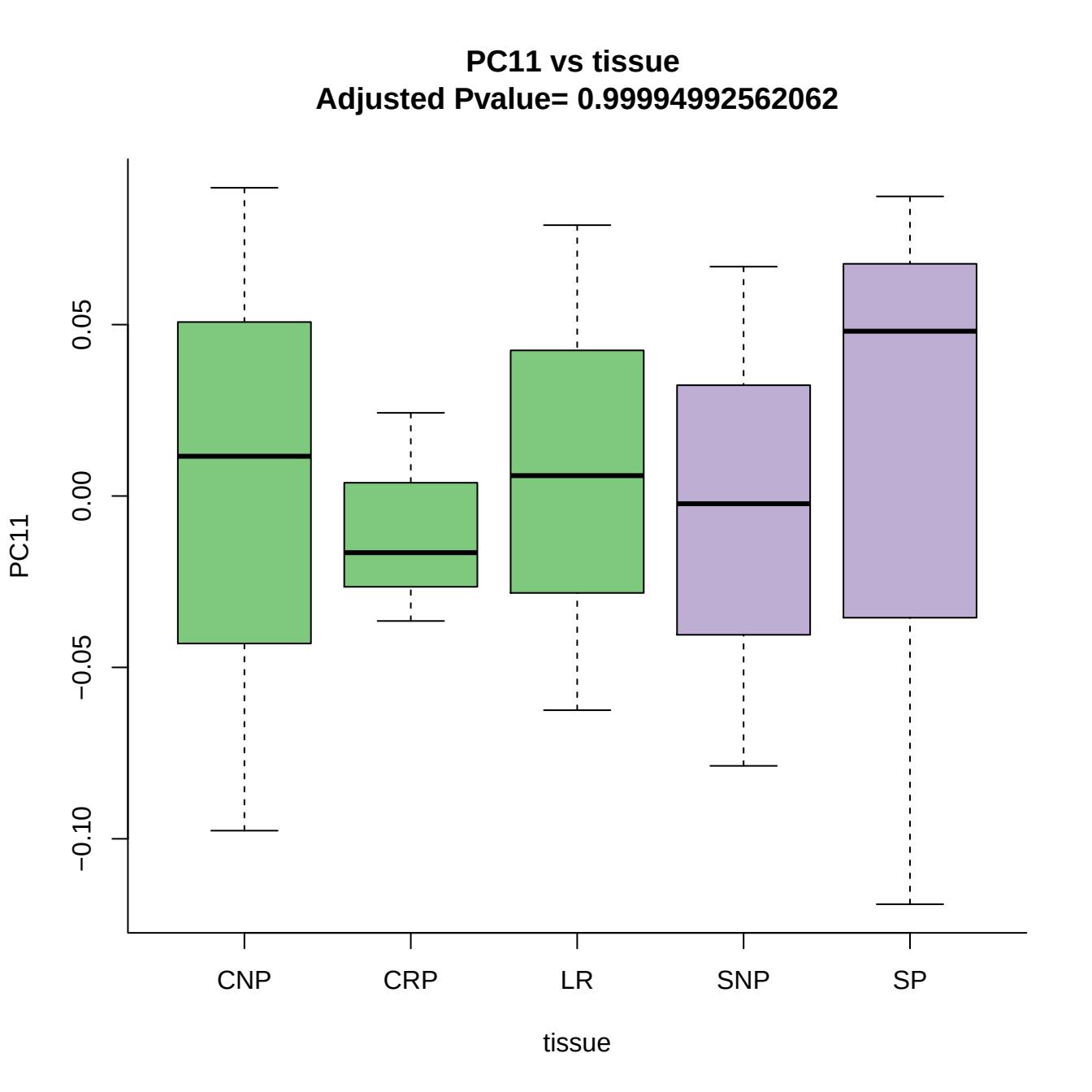

PC9 vs structural location
Adjusted Pvalue= 0.99994992562062
PC9
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
crown root
lateral root
stem
structural location

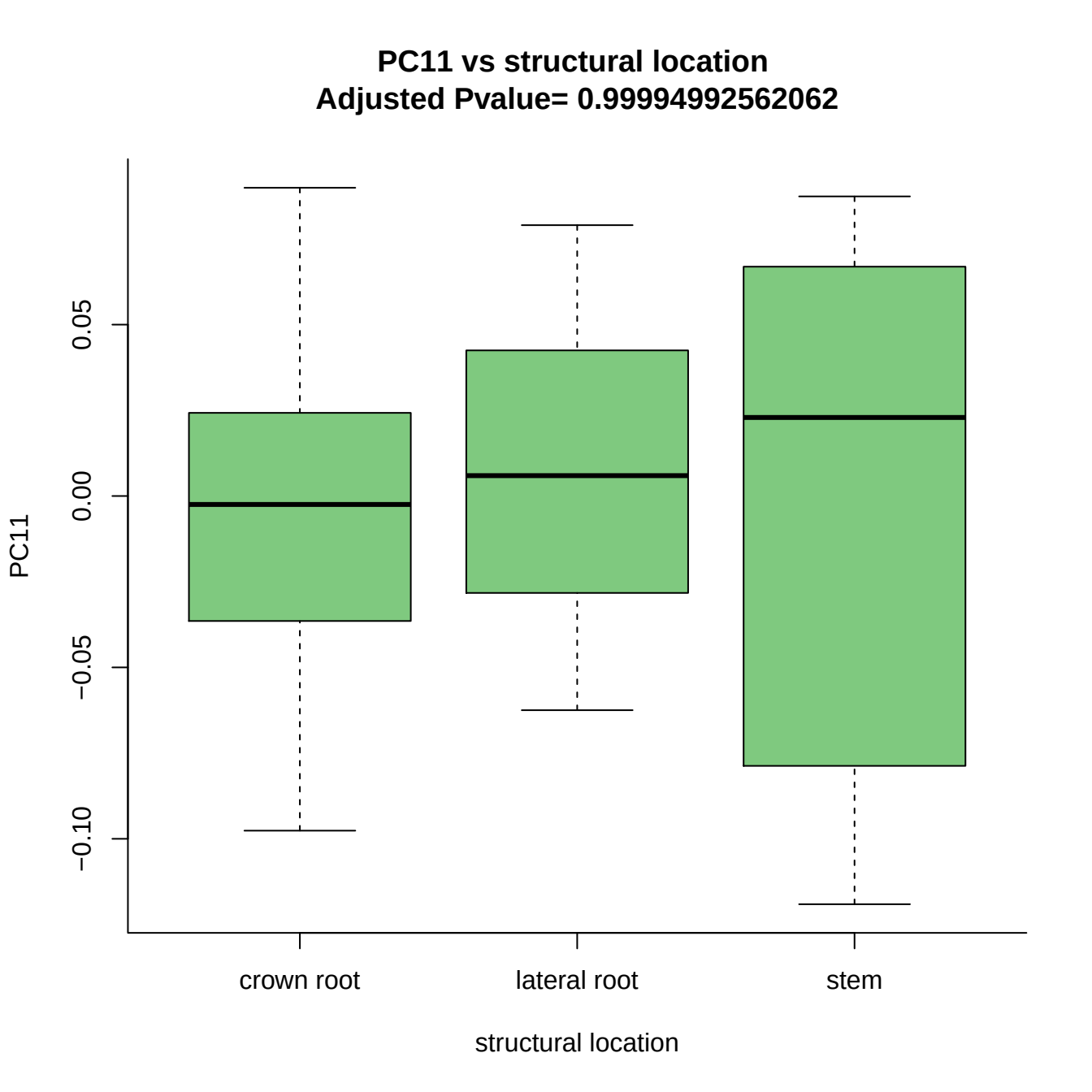

PC9 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC9
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
root
stem
root vs stem

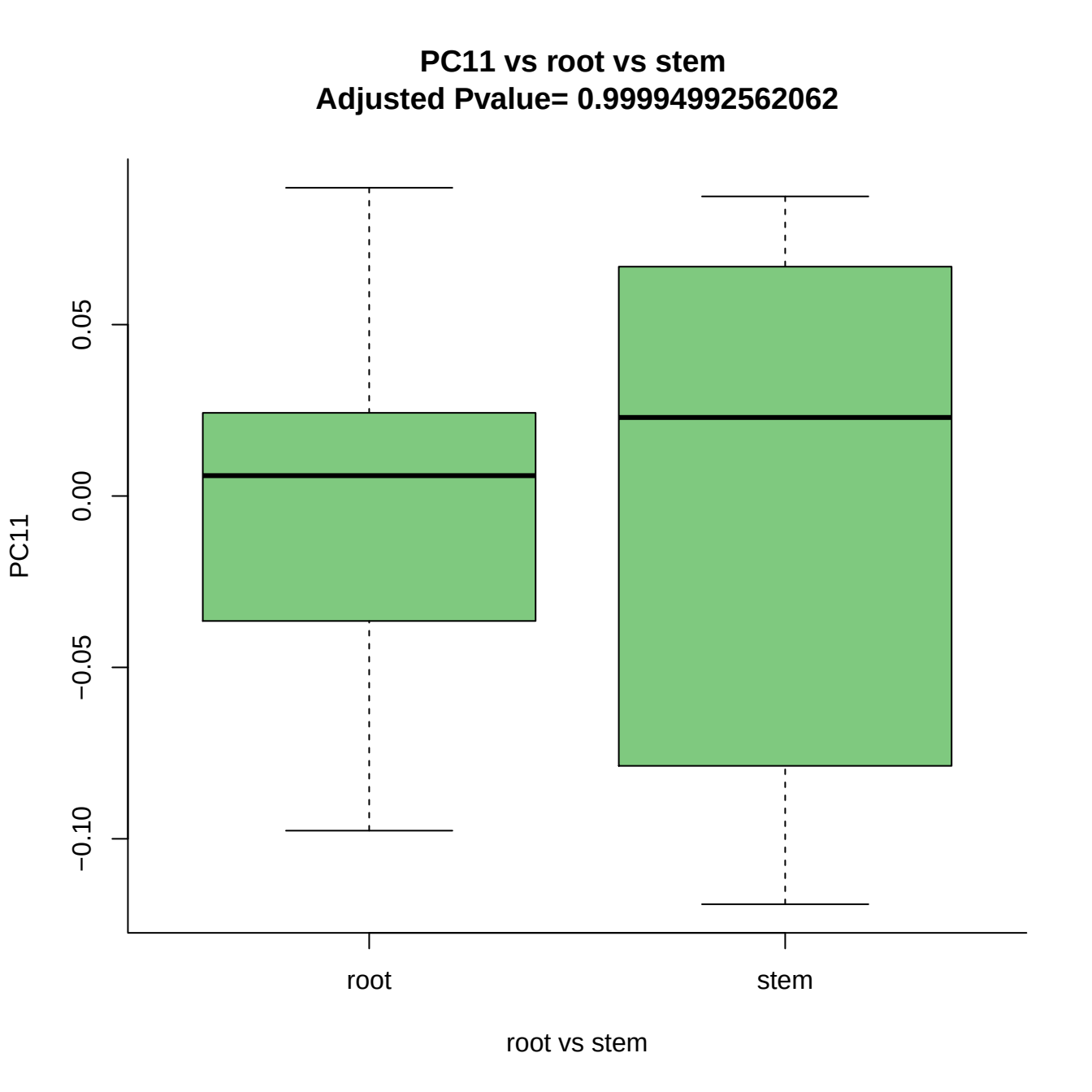

PC10 vs tissue
Adjusted Pvalue= 0.99994992562062
PC10
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
CNP
CRP
LR
SNP
SP
tissue

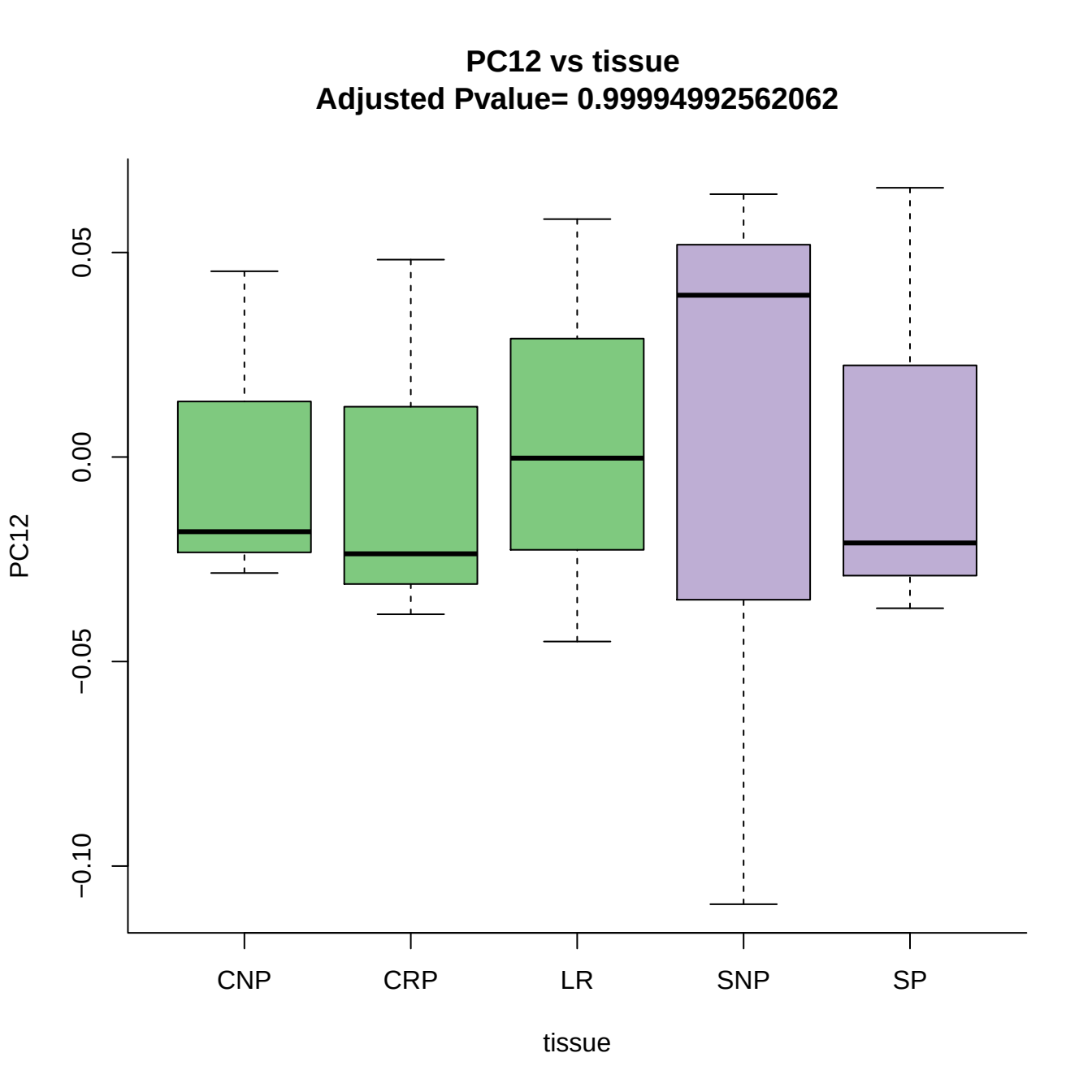

PC10 vs structural location
Adjusted Pvalue= 0.99994992562062
PC10
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
crown root
lateral root
stem
structural location

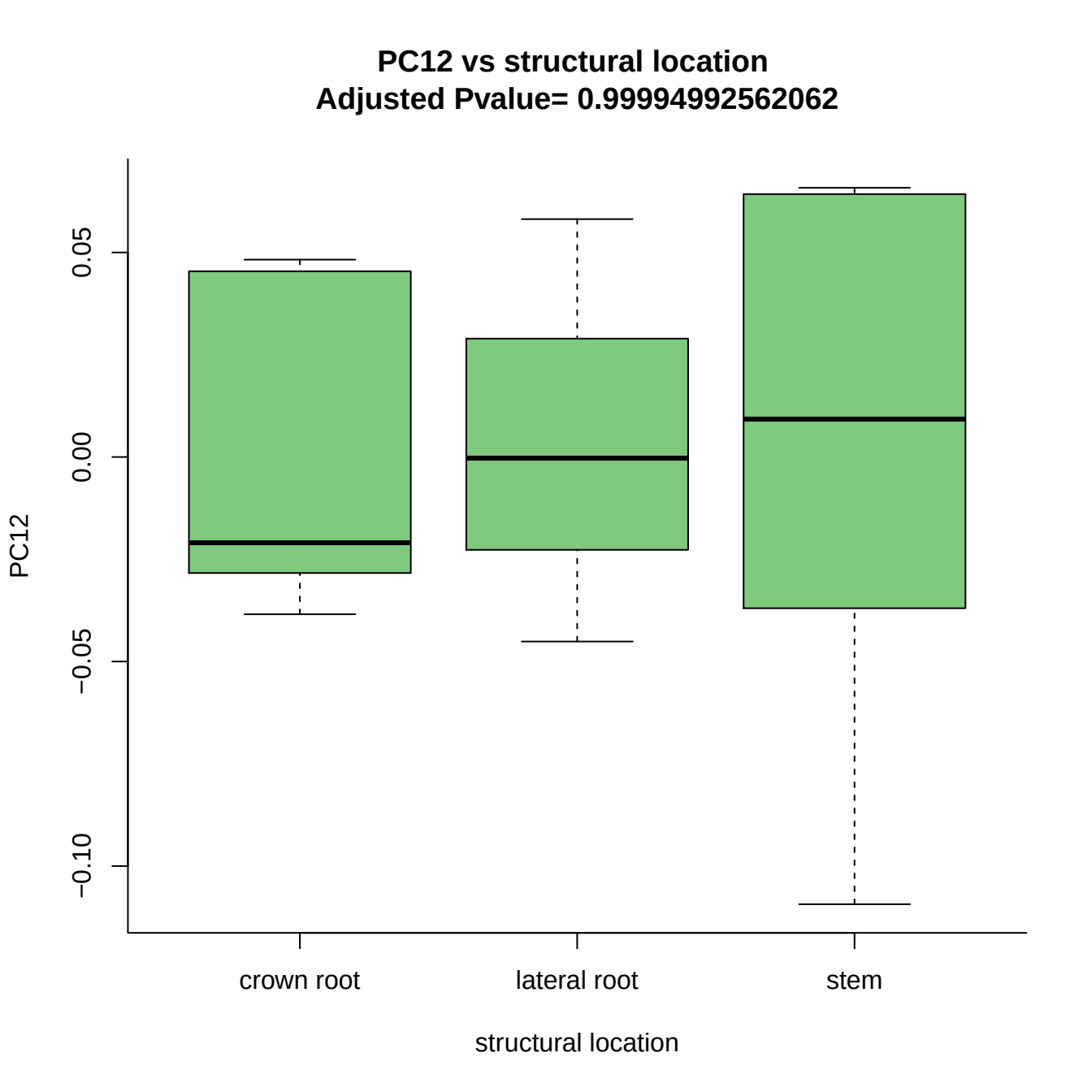

PC10 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC10
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
root
stem
root vs stem

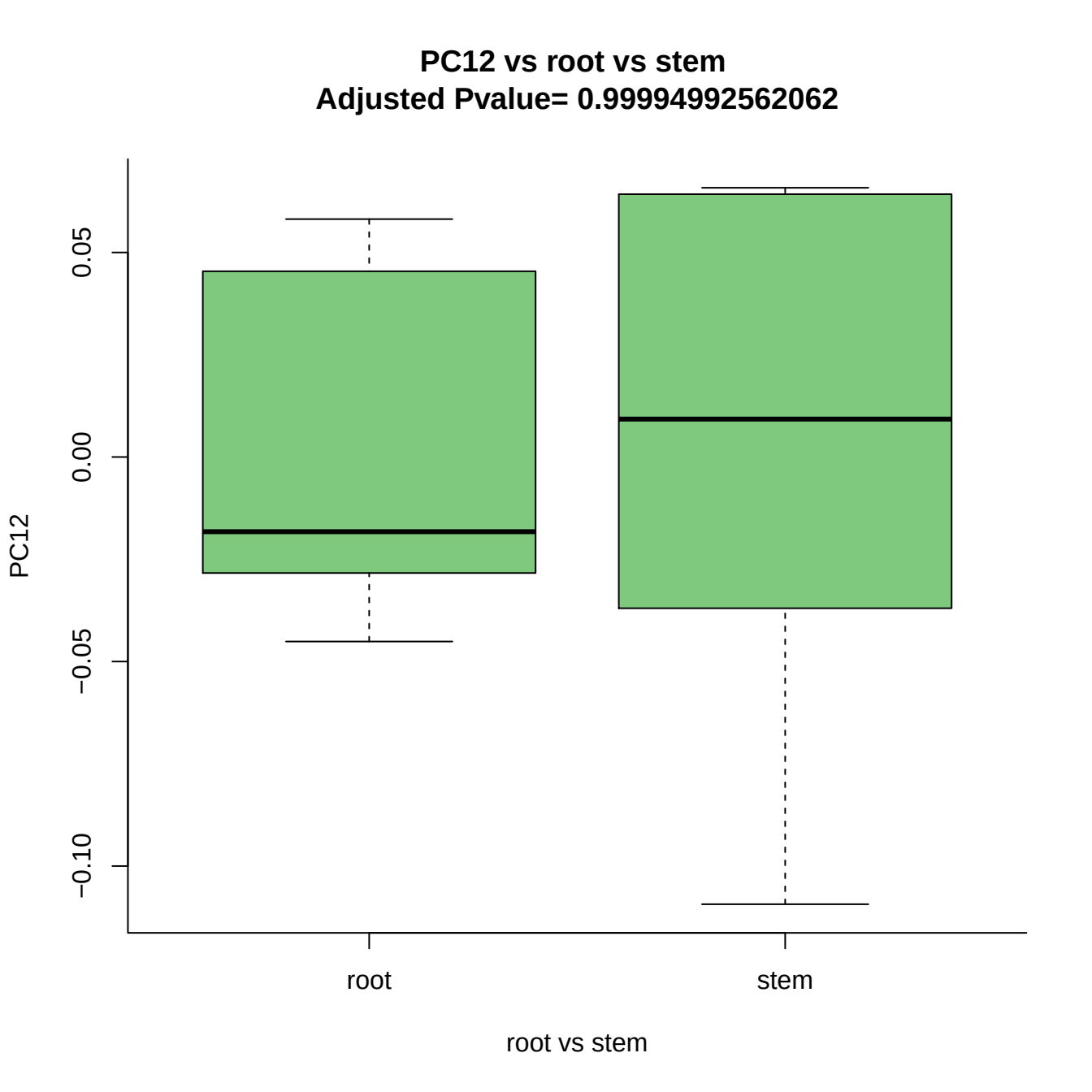

PC11 vs tissue
Adjusted Pvalue= 0.99994992562062
PC11
0.05
0.00
−0.05
−0.10
CNP
CRP
LR
SNP
SP
tissue

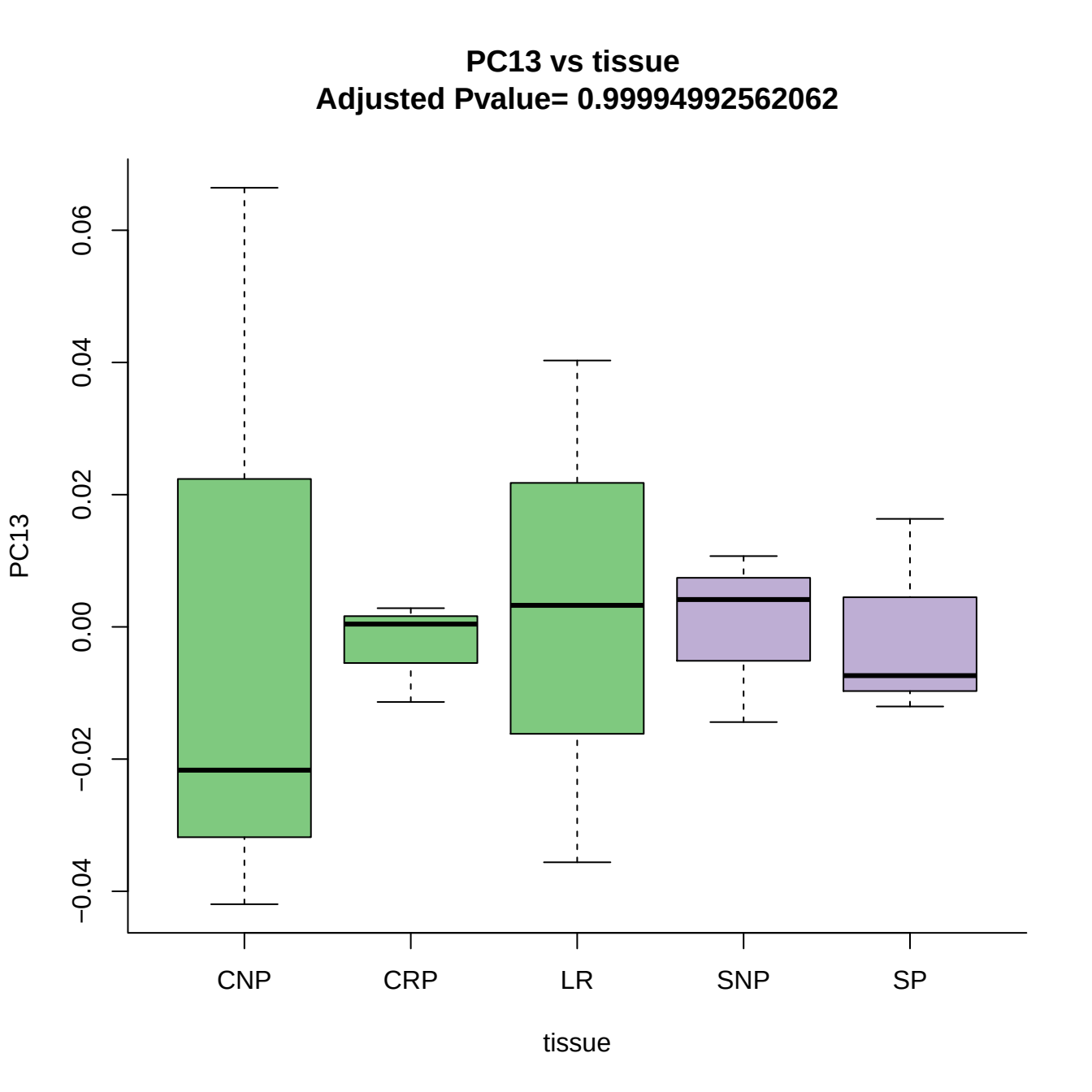

PC11 vs structural location
Adjusted Pvalue= 0.99994992562062
PC11
0.05
0.00
−0.05
−0.10
crown root
lateral root
stem
structural location

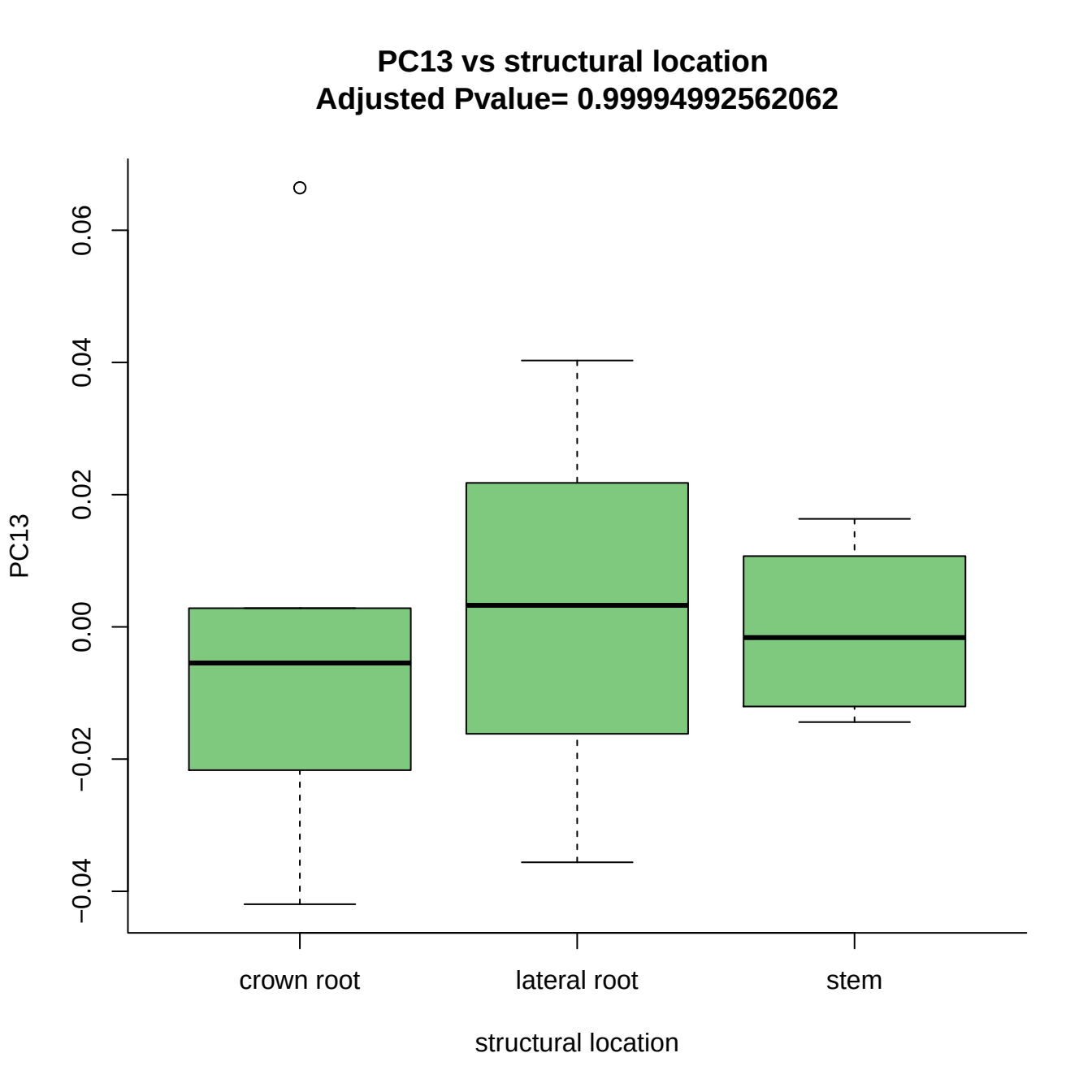

PC11 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC11
0.05
0.00
−0.05
−0.10
root
stem
root vs stem

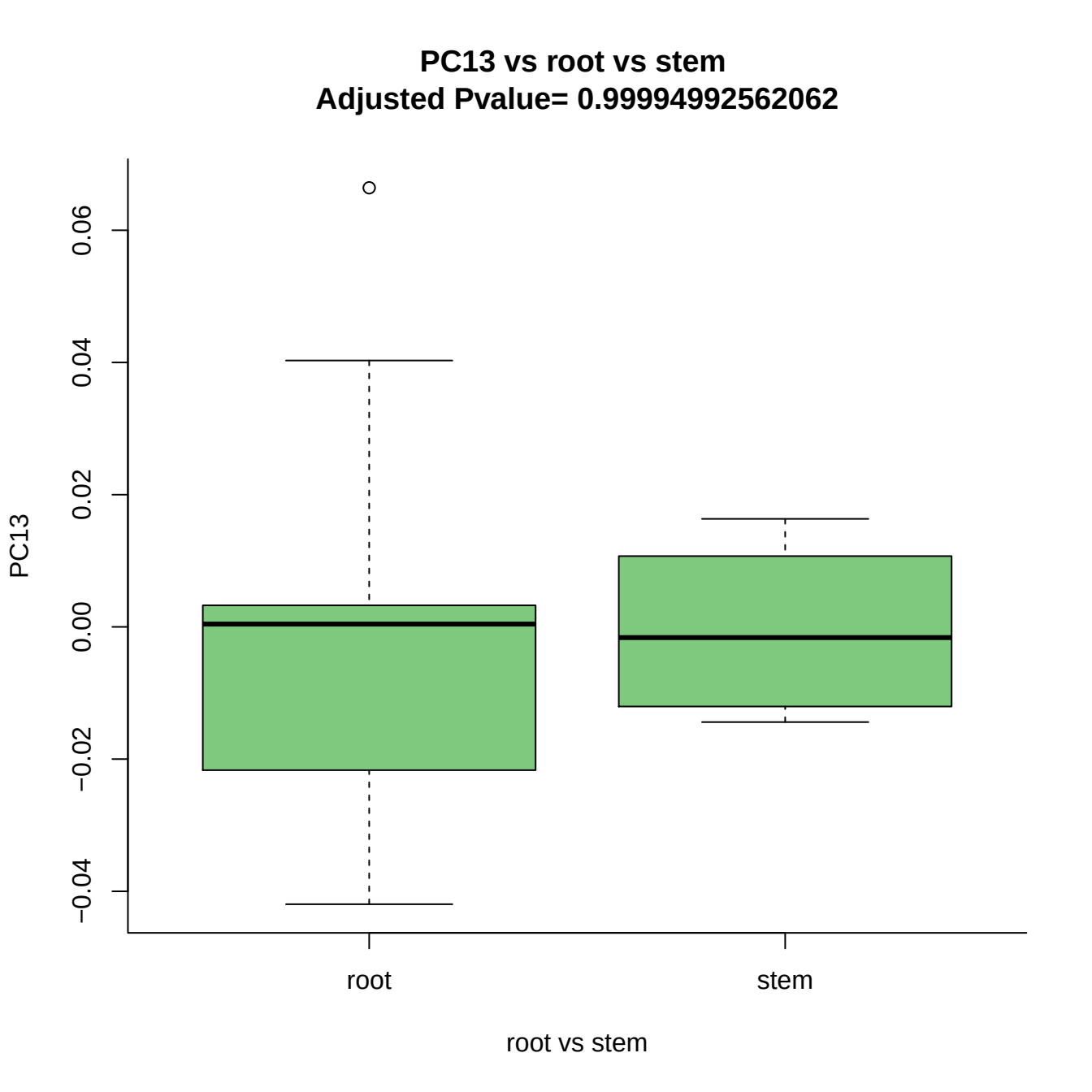

PC12 vs tissue
Adjusted Pvalue= 0.99994992562062
PC12
0.05
0.00
−0.05
−0.10
CNP
CRP
LR
SNP
SP
tissue

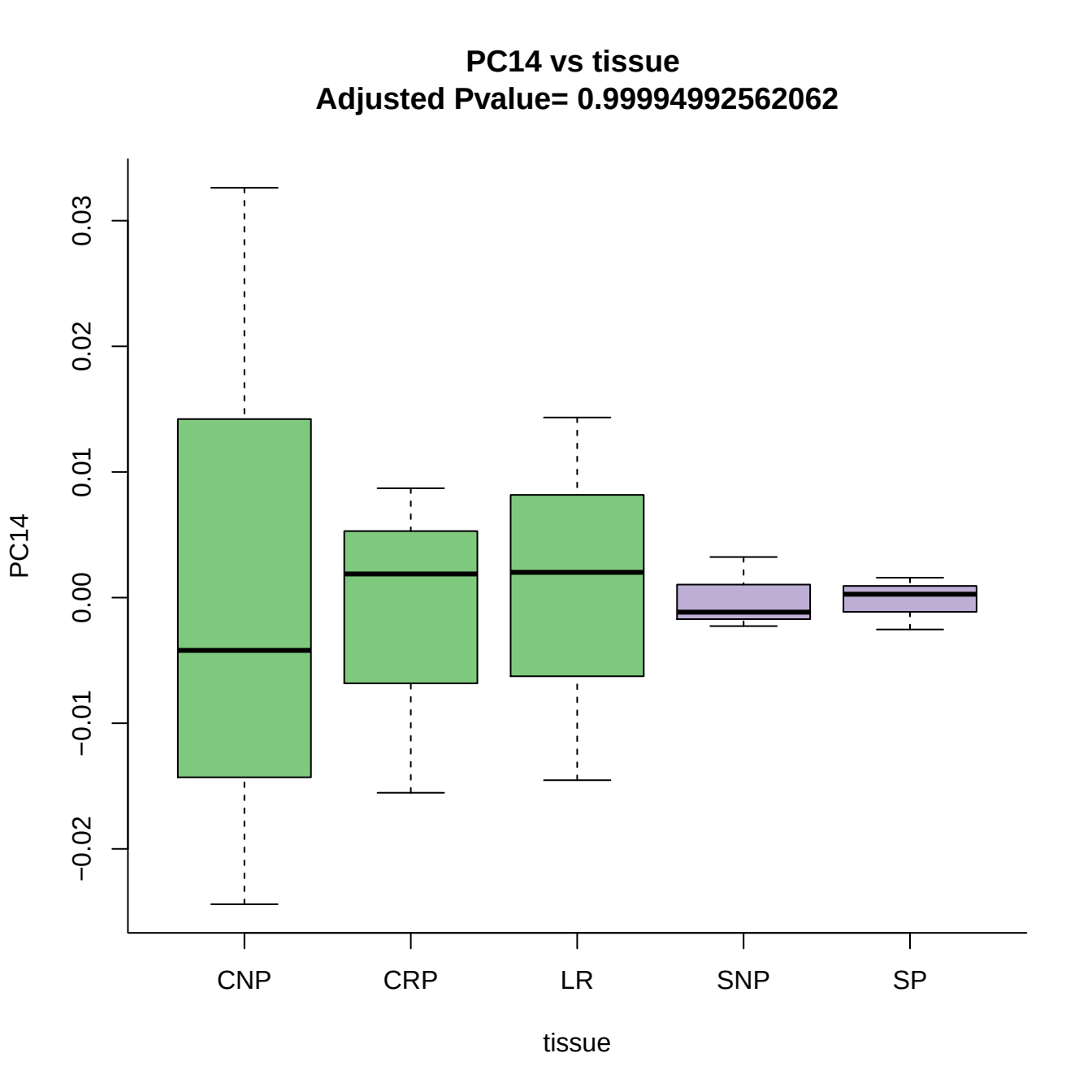

PC12 vs structural location
Adjusted Pvalue= 0.99994992562062
PC12
0.05
0.00
−0.05
−0.10
crown root
lateral root
stem
structural location

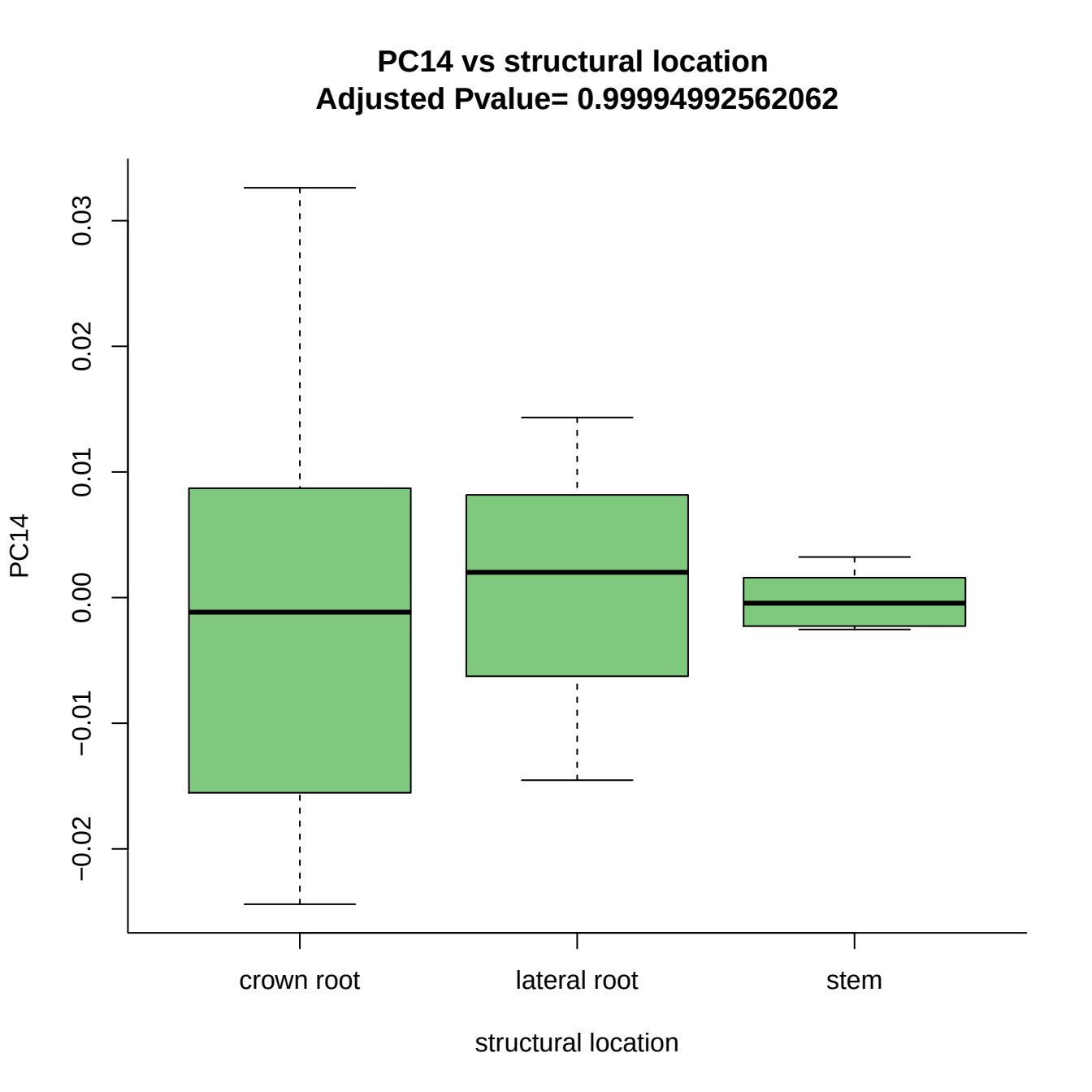

PC12 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC12
0.05
0.00
−0.05
−0.10
root
stem
root vs stem

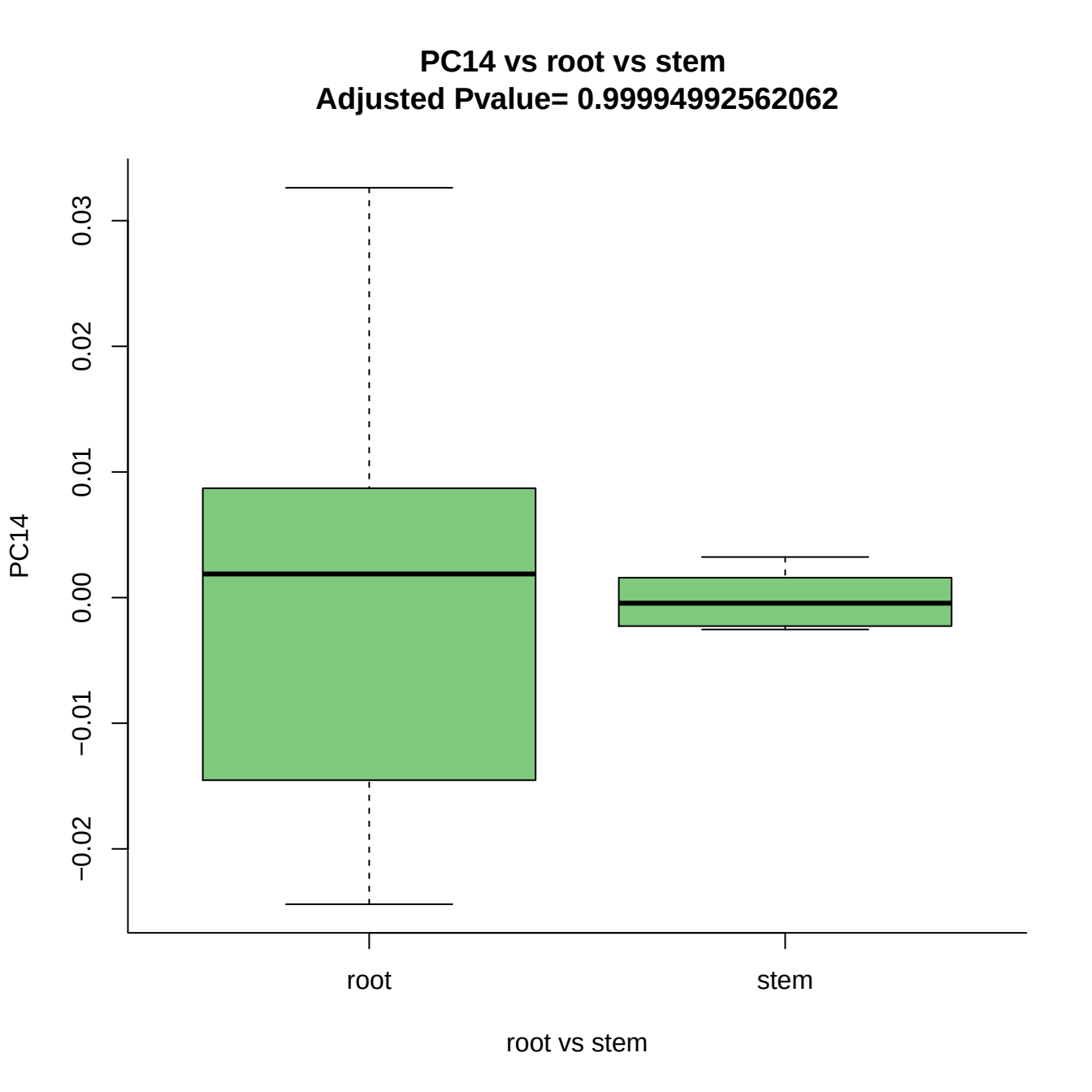

PC13 vs tissue
Adjusted Pvalue= 0.99994992562062
PC13
0.06
0.04
0.02
0.00
−0.02
−0.04
CNP
CRP
LR
SNP
SP
tissue

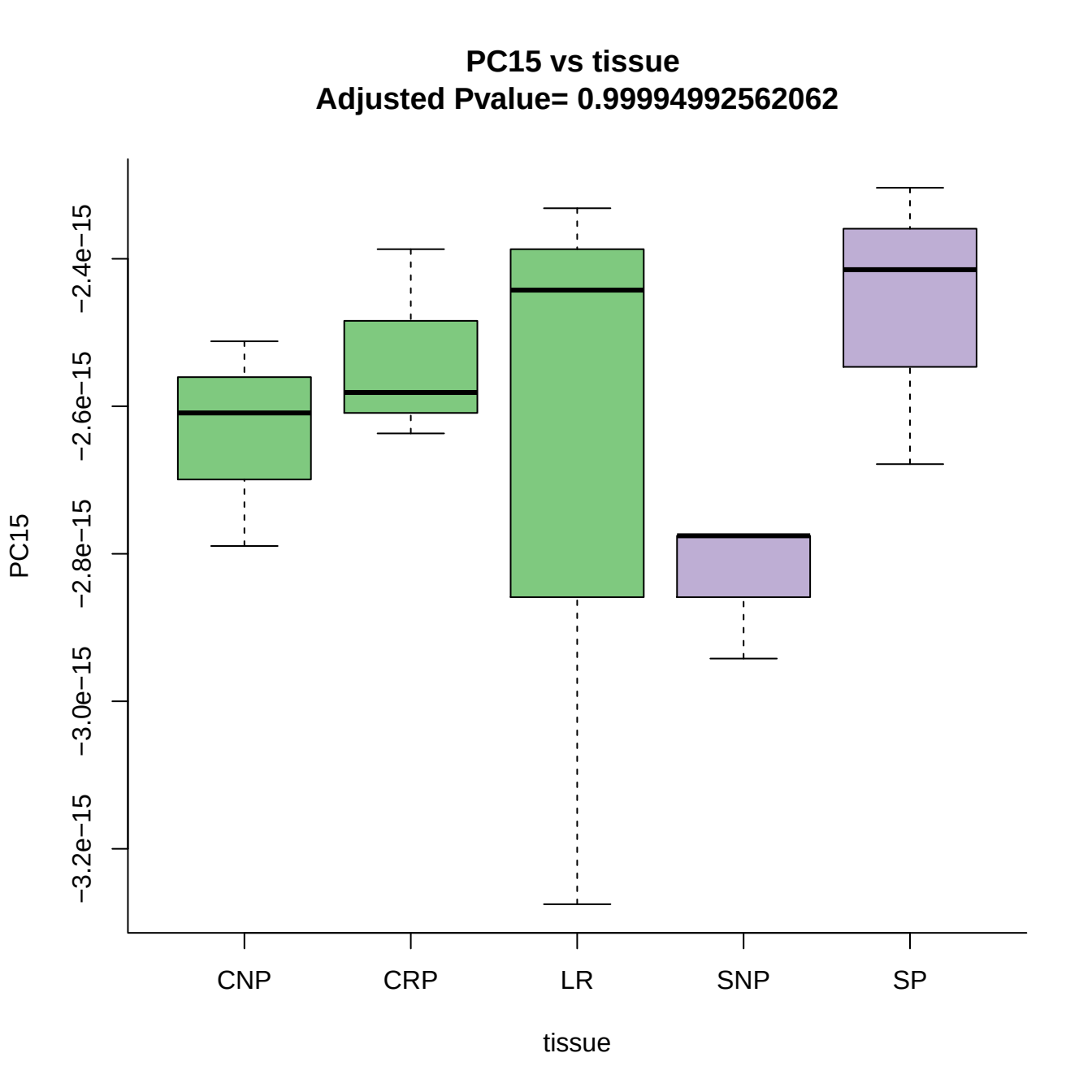

PC13 vs structural location
Adjusted Pvalue= 0.99994992562062
PC13
0.06
0.04
0.02
0.00
−0.02
−0.04
crown root
lateral root
stem
structural location

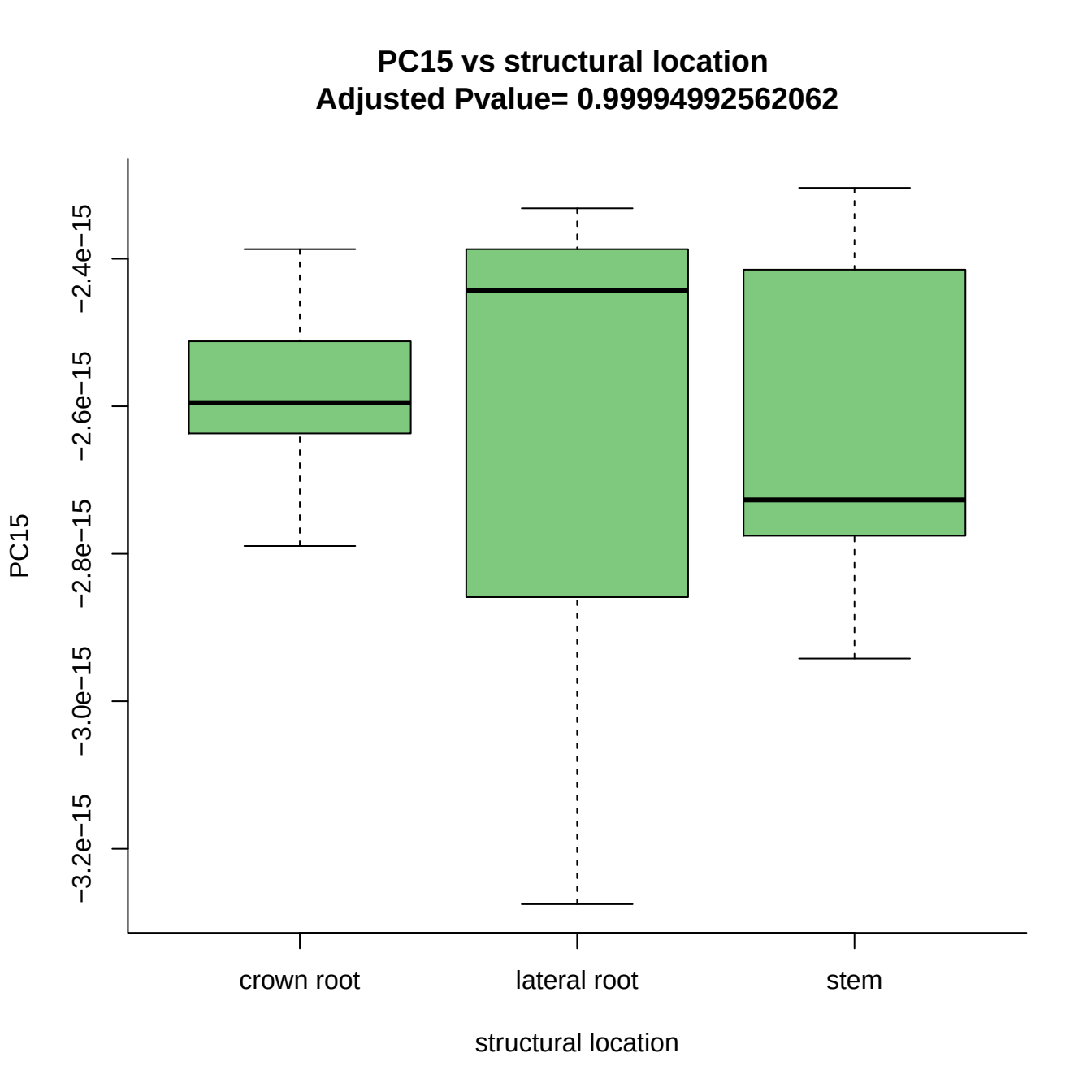

PC13 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC13
0.06
0.04
0.02
0.00
−0.02
−0.04
root
stem
root vs stem

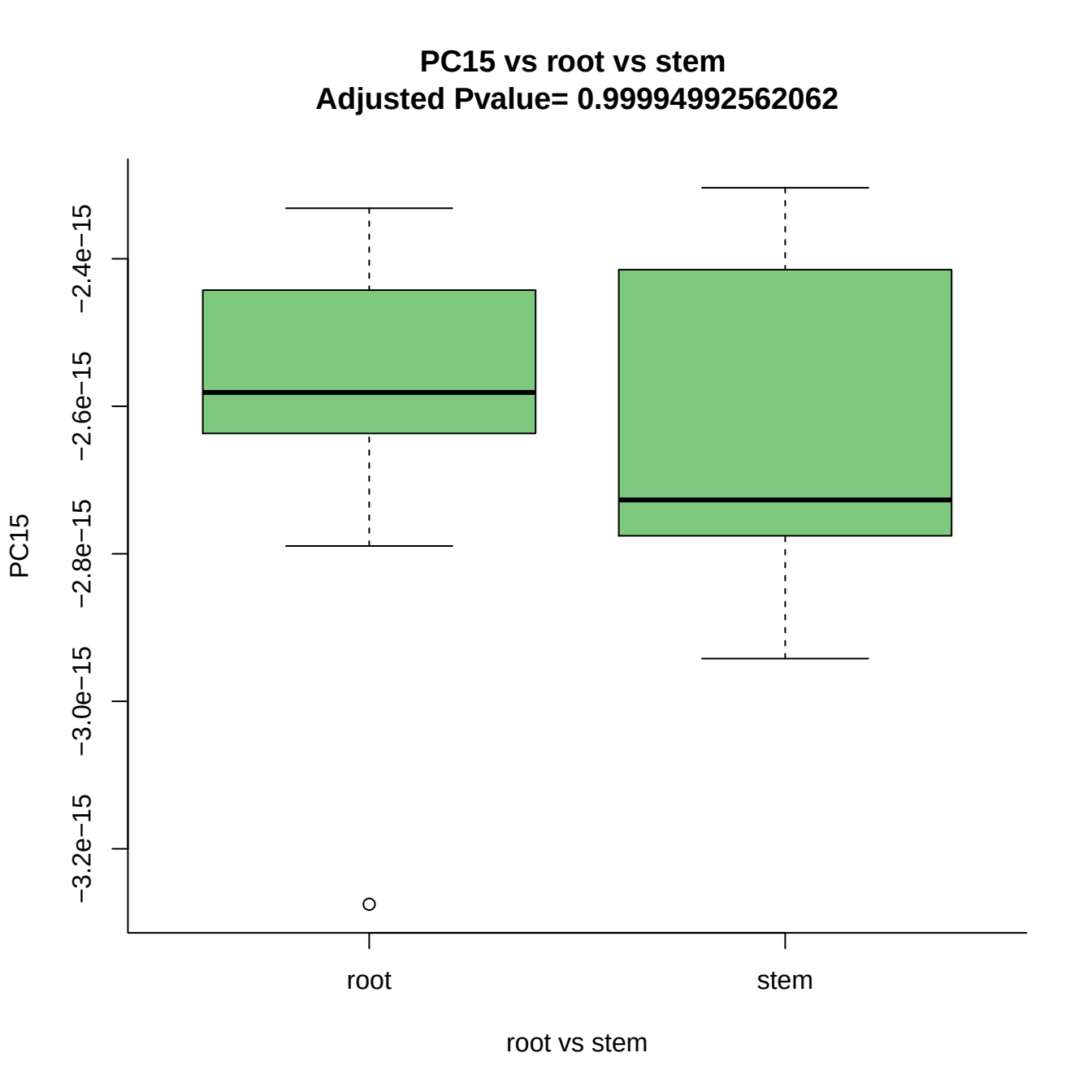

PC14 vs tissue
Adjusted Pvalue= 0.99994992562062
PC14
0.03
0.02
0.01
0.00
−0.01
−0.02
CNP
CRP
LR
SNP
SP
tissue


PC14 vs structural location
Adjusted Pvalue= 0.99994992562062
PC14
0.03
0.02
0.01
0.00
−0.01
−0.02
crown root
lateral root
stem
structural location


PC14 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC14
0.03
0.02
0.01
0.00
−0.01
−0.02
root
stem
root vs stem


PC15 vs tissue
Adjusted Pvalue= 0.99994992562062
PC15
−2.4e−15
−2.6e−15
−2.8e−15
−3.0e−15
−3.2e−15
CNP
CRP
LR
SNP
SP
tissue


PC15 vs structural location
Adjusted Pvalue= 0.99994992562062
PC15
−2.4e−15
−2.6e−15
−2.8e−15
−3.0e−15
−3.2e−15
crown root
lateral root
stem
structural location


PC15 vs root vs stem
Adjusted Pvalue= 0.99994992562062
PC15
−2.4e−15
−2.6e−15
−2.8e−15
−3.0e−15
−3.2e−15
root
stem
root vs stem