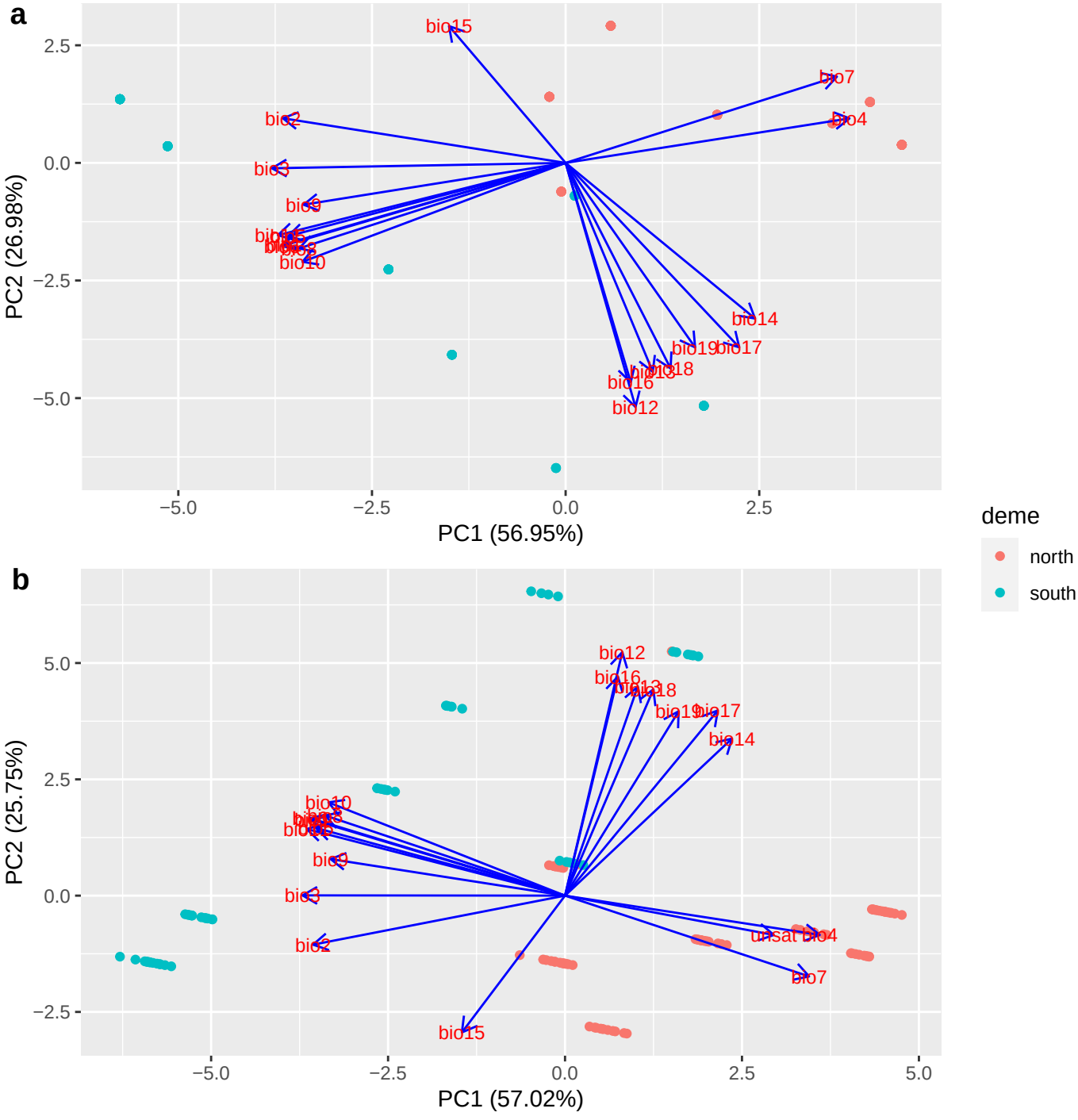
a
bio15
bio7
bio4
bio2
bio3
bio9
bio10
bio14
bio19
bio17
bio18
bio16
bio12
PC2 (26.98%)
PC1 (56.95%)
2.5
0.0
−2.5
−5.0
b
bio12
bio16
bio18
bio19
bio17
bio14
bio10
bio9
bio3
bio2
unsat
bio4
bio7
bio15
PC2 (25.75%)
PC1 (57.02%)
5.0
deme
north
south