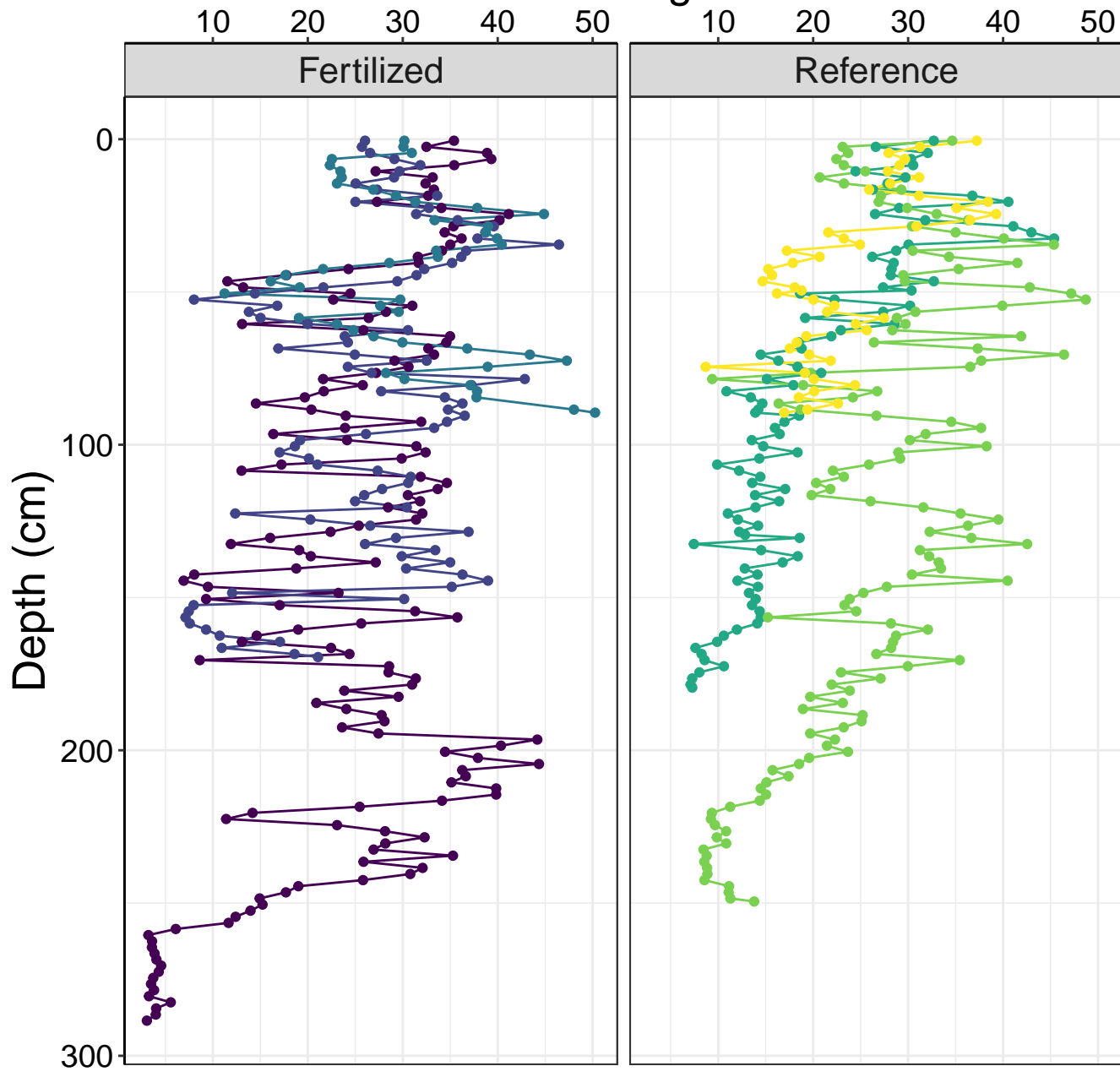




# Loss-On-Ignition



% Carbon

5

10

15

20

Fertilized

5

10

15

20

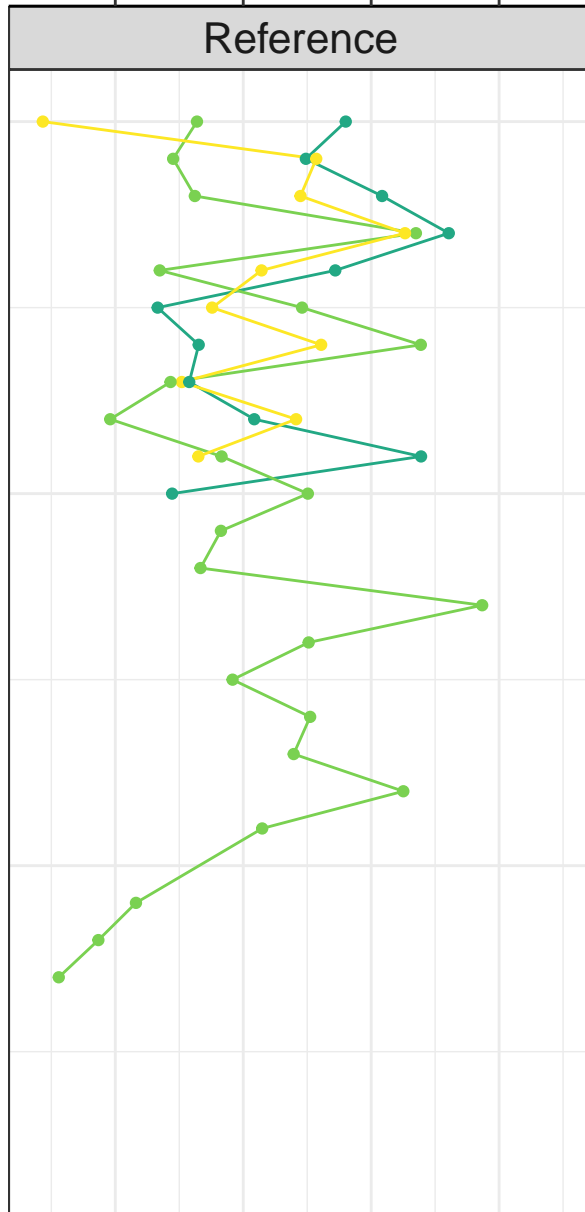
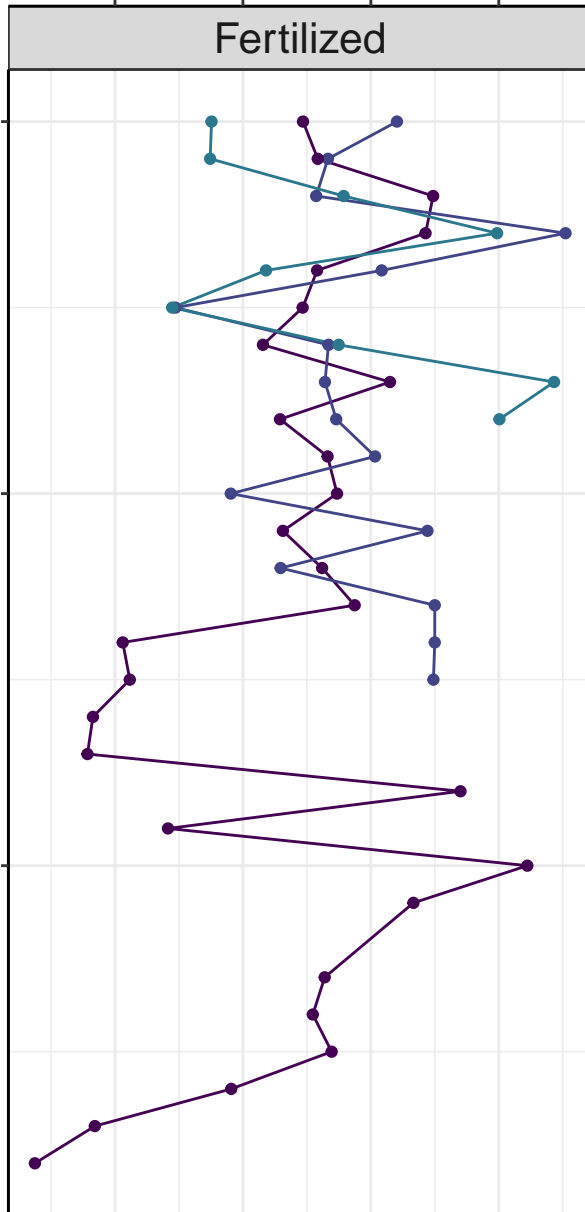
Reference

Depth (cm)

0

100

200



% Nitrogen

0.5

1.0

0.5

1.0

Fertilized

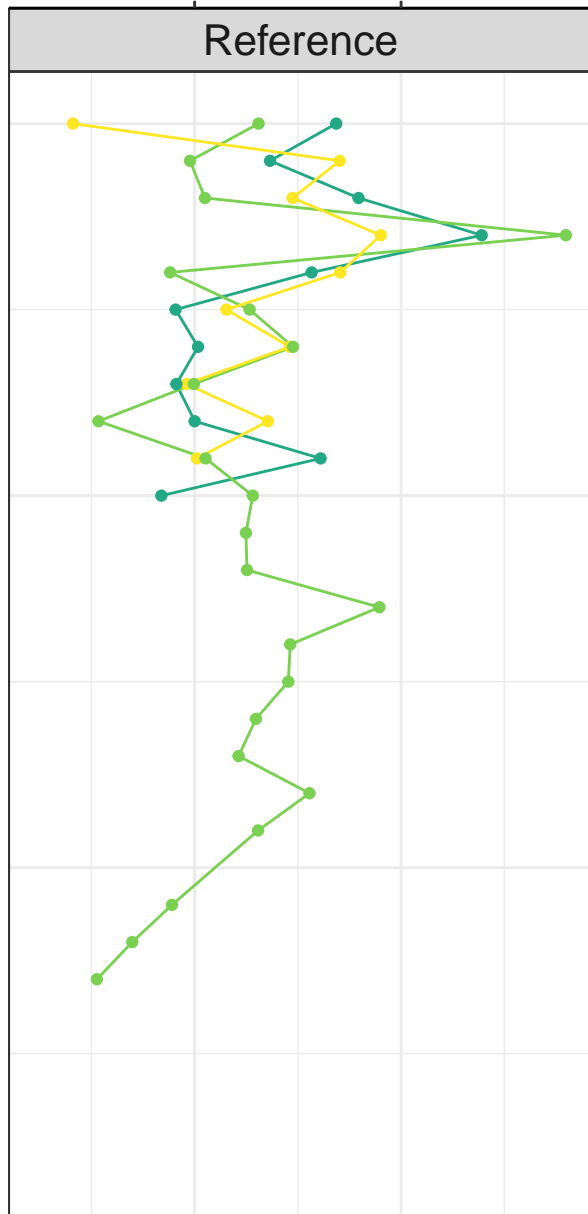
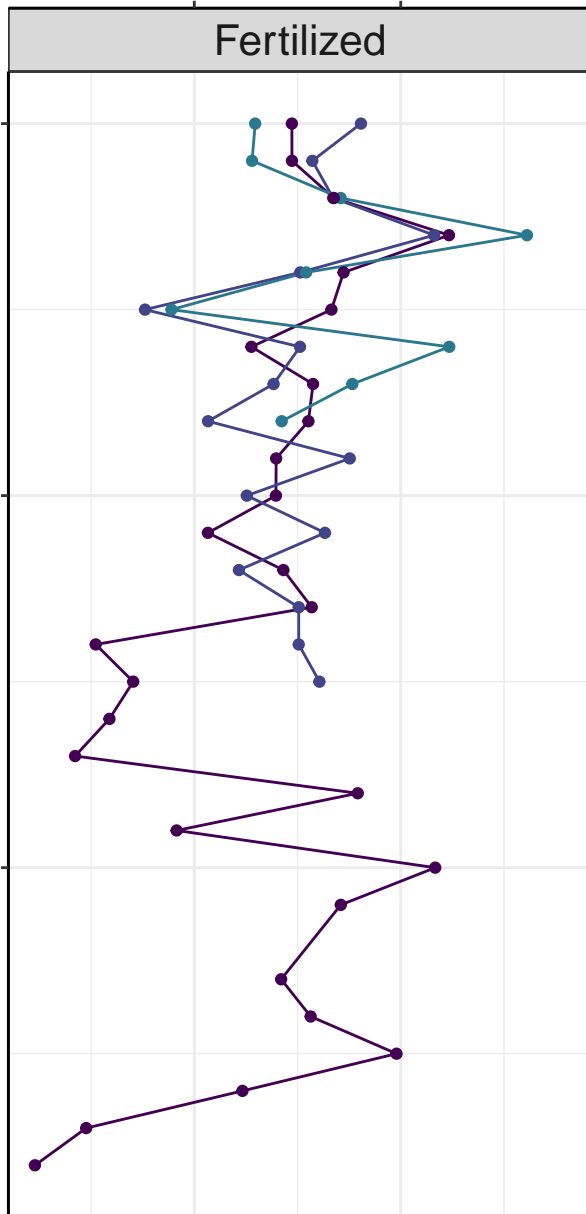
Reference

Depth (cm)

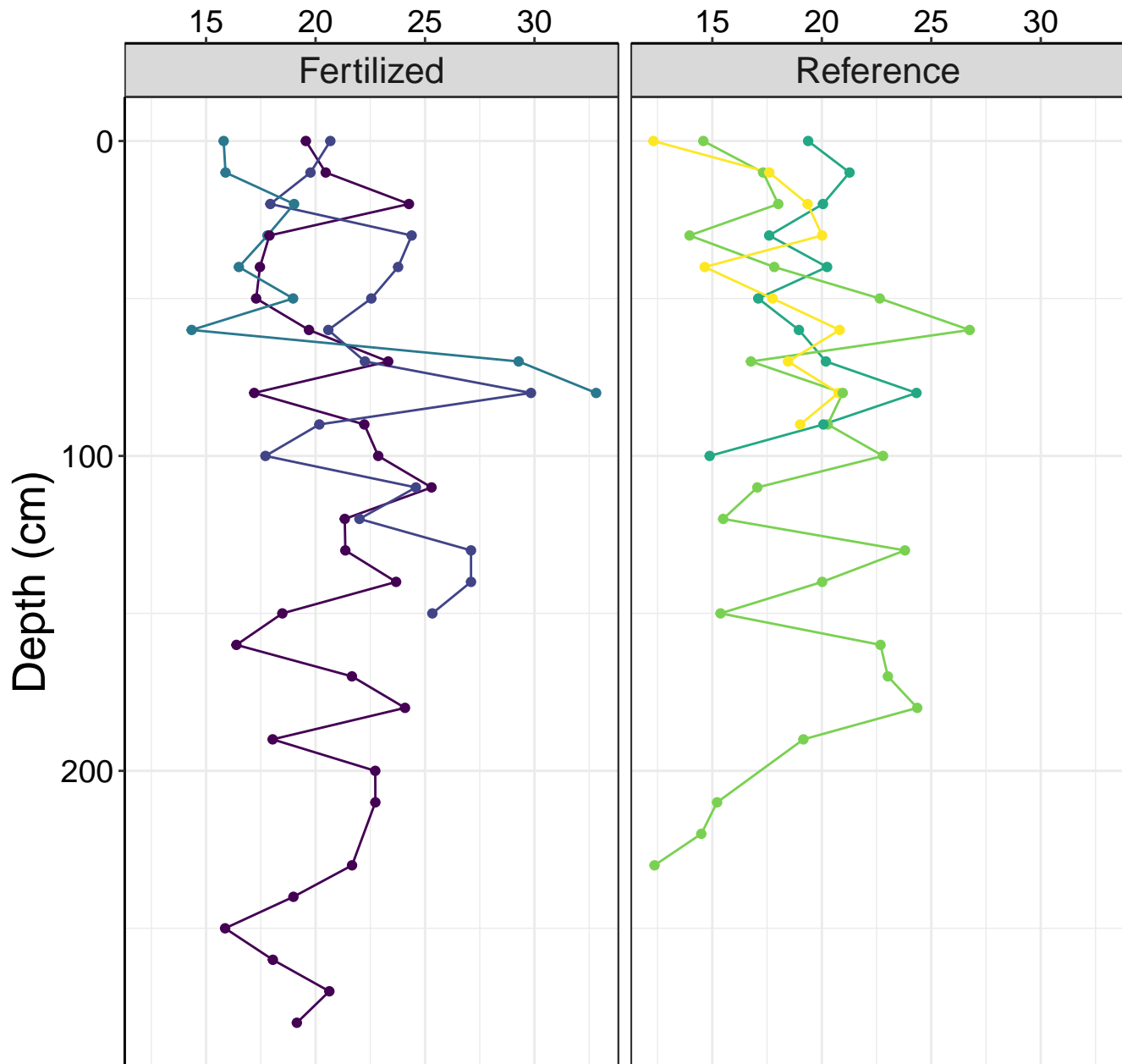
0

100

200



# C:N Ratio



# Del 13C

-22.5 -20.0 -17.5 -15.0

Fertilized

-22.5 -20.0 -17.5 -15.0

Reference

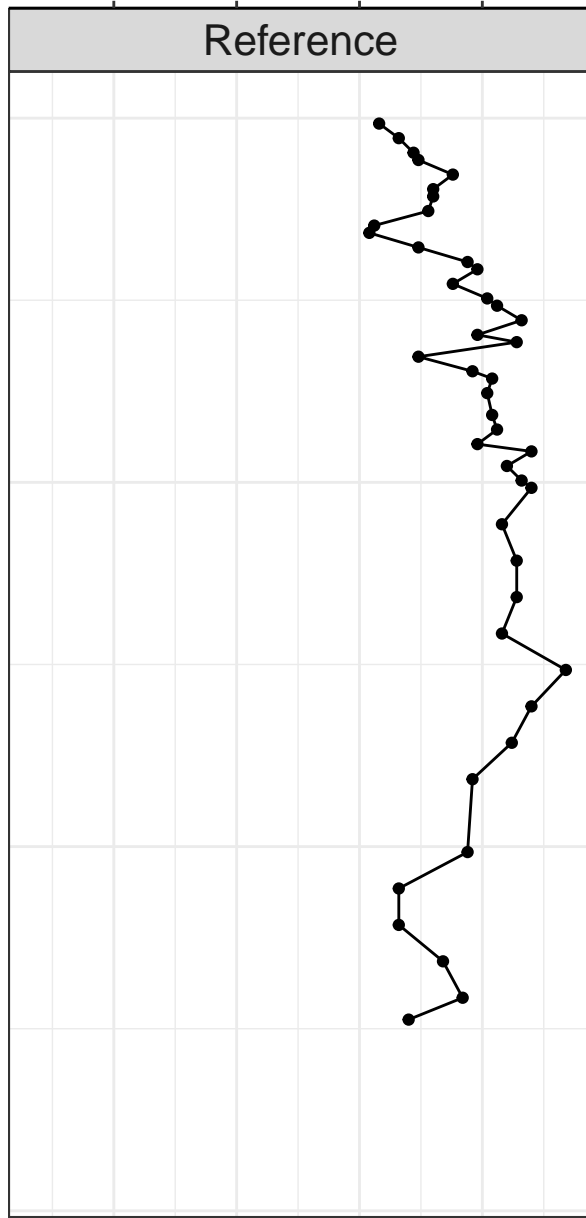
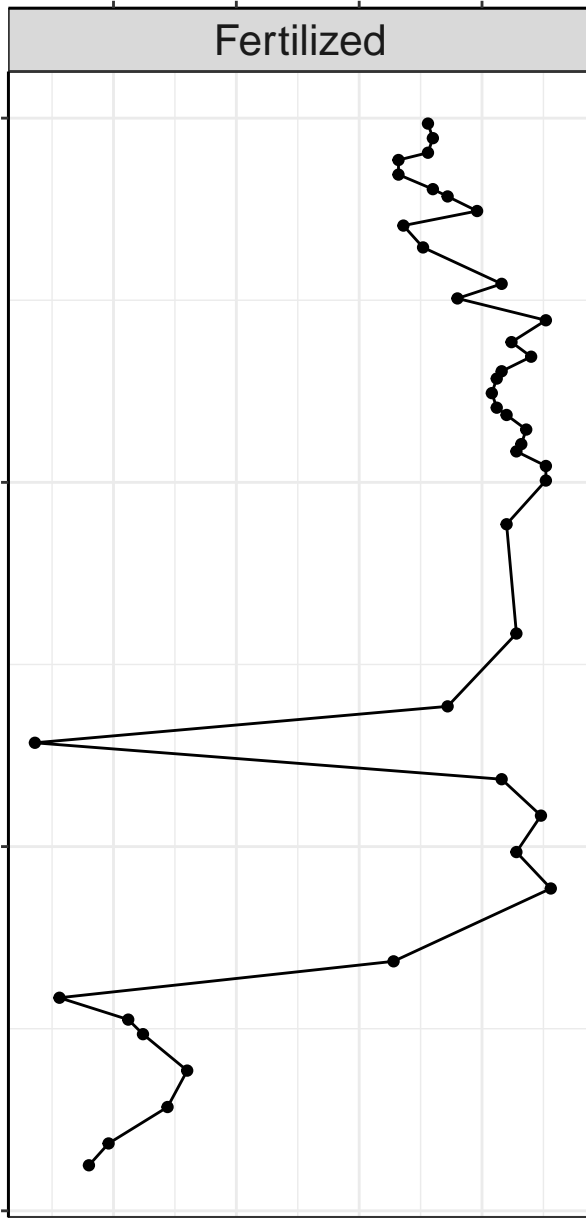
Depth (cm)

0

100

200

300



# Aromatic:Aliphatic C Ratio (FT-IR)

0.85 0.90 0.95 1.00 1.05 1.10 0.85 0.90 0.95 1.00 1.05 1.10

Fertilized

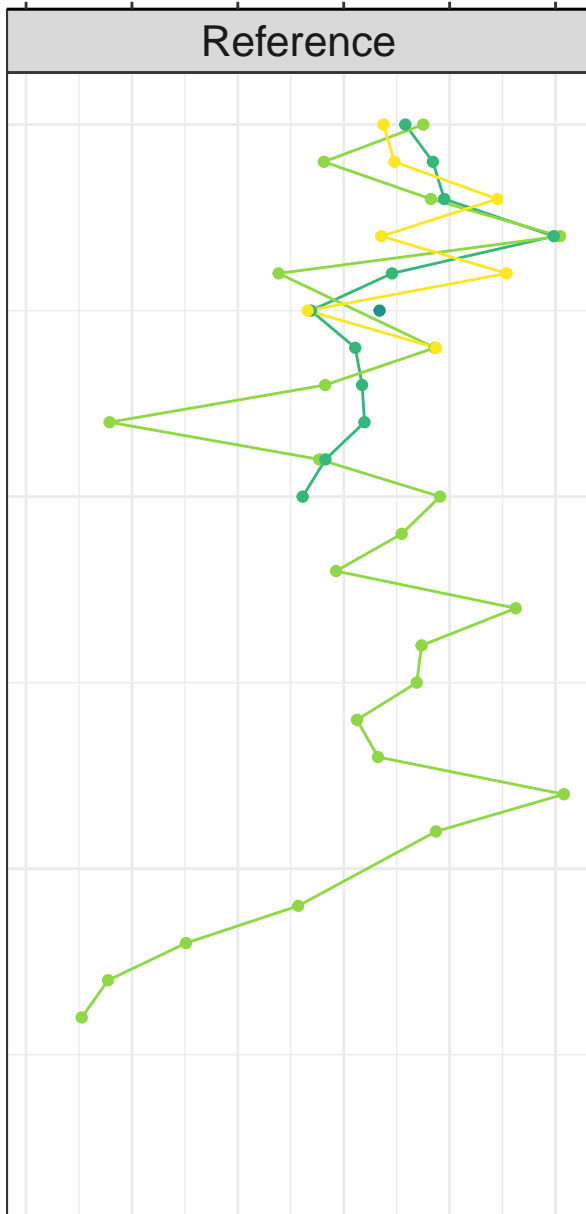
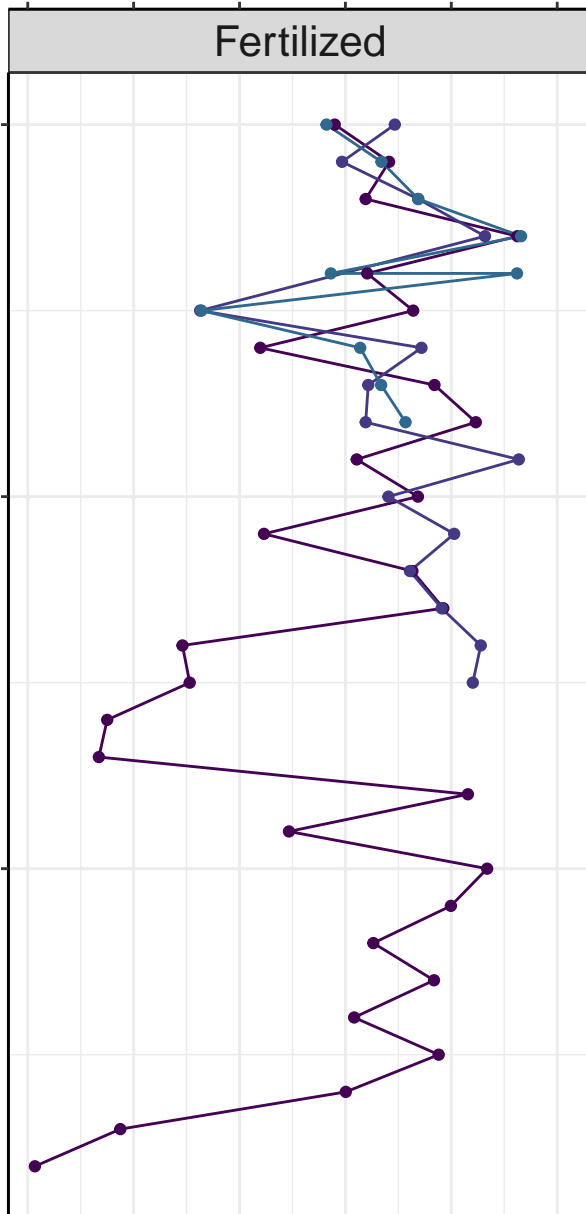
Reference

Depth (cm)

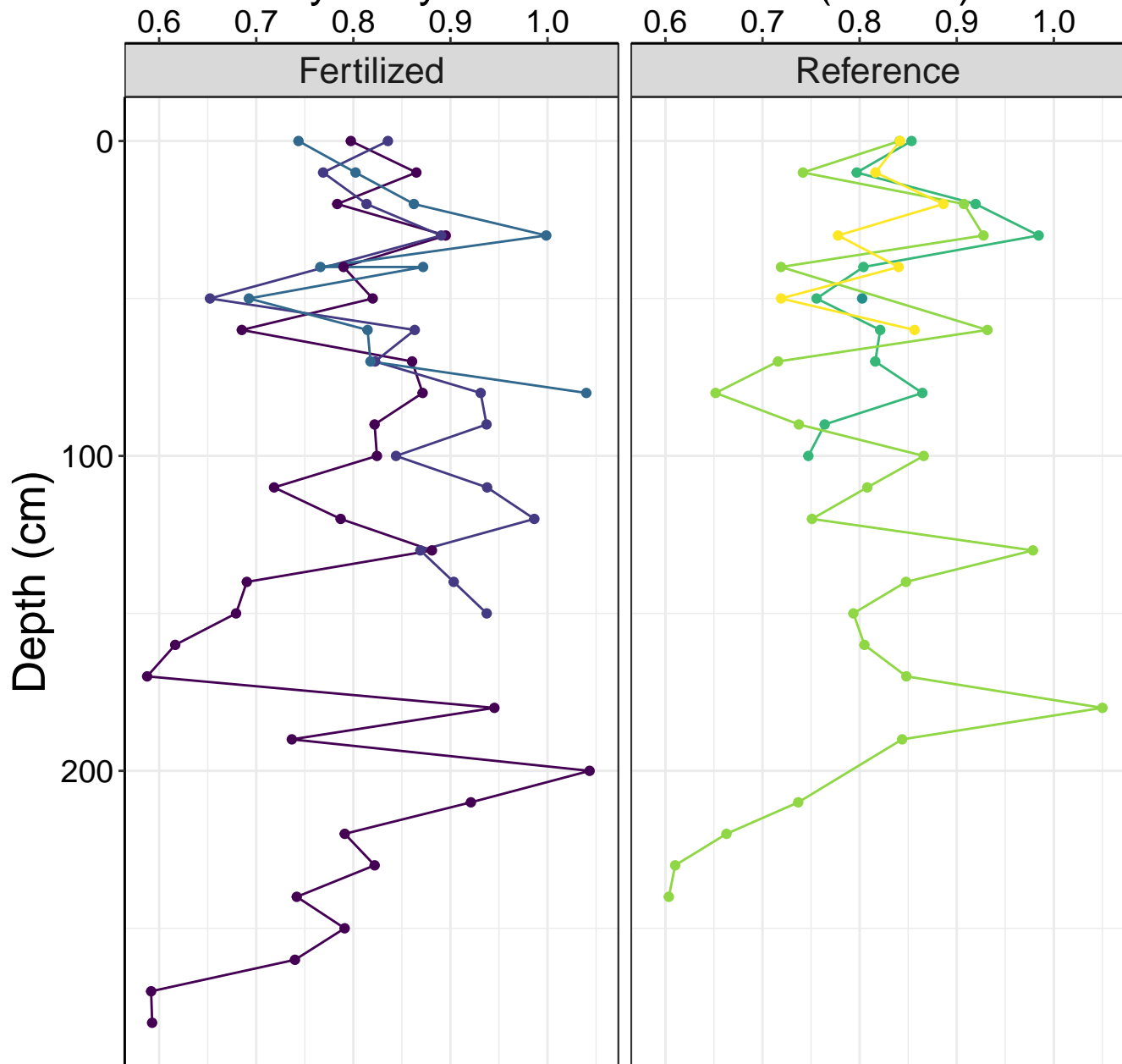
0

100

200

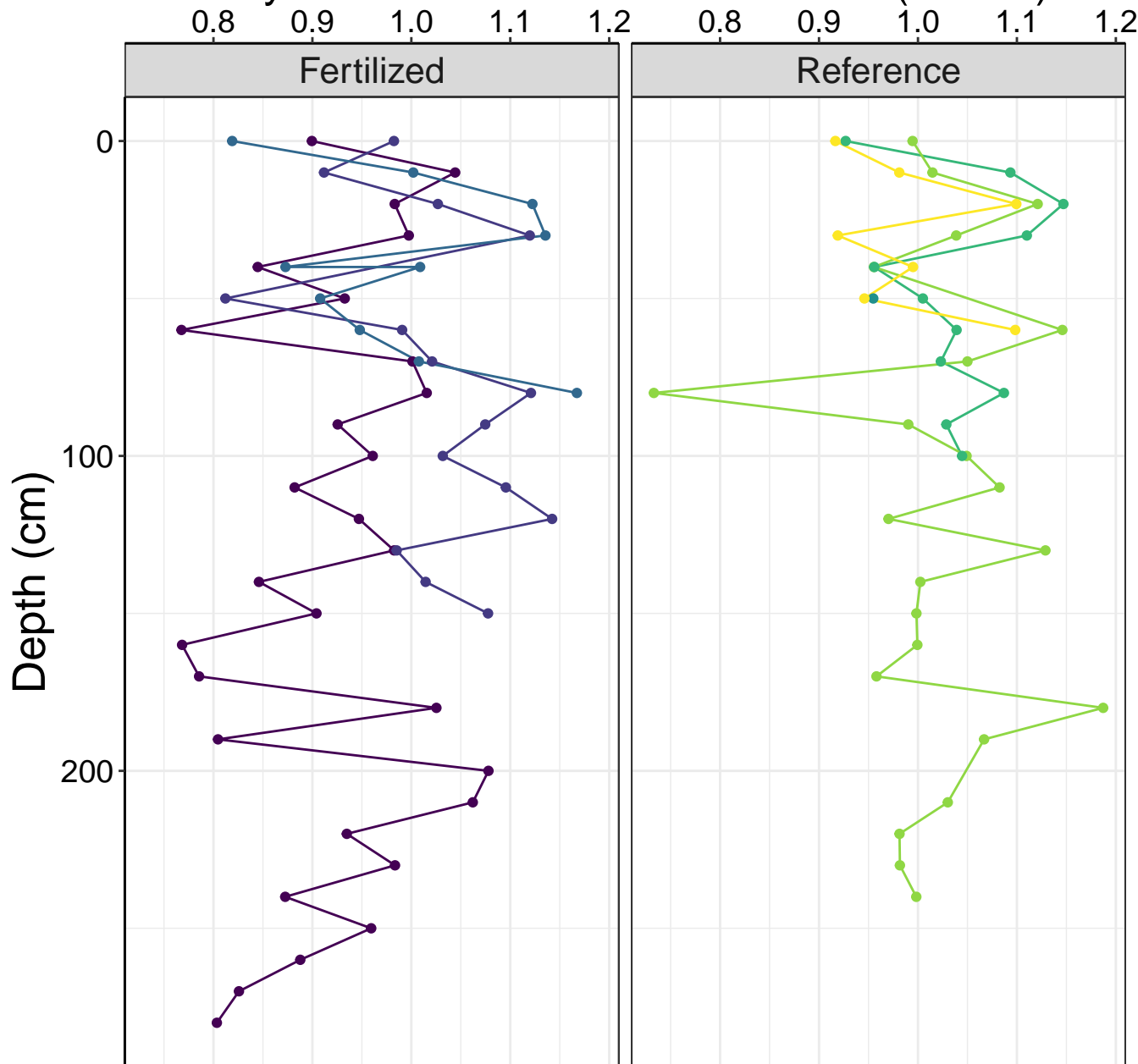


# Hydroxyl:Aromatic C Ratio (FT-IR)





# Polysaccharides:Aromatic C Ratio (FT-IR)



# Index I (FT-IR)

Depth (cm)

0.8

0.9

1.0

1.1

1.2

Fertilized

0.8

0.9

1.0

1.1

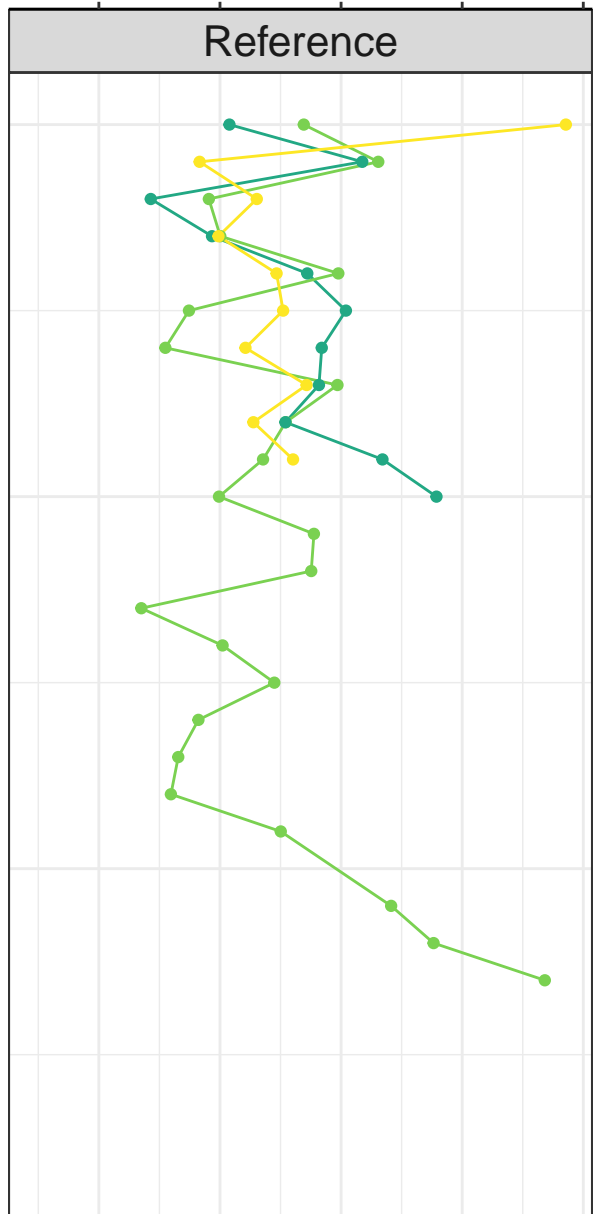
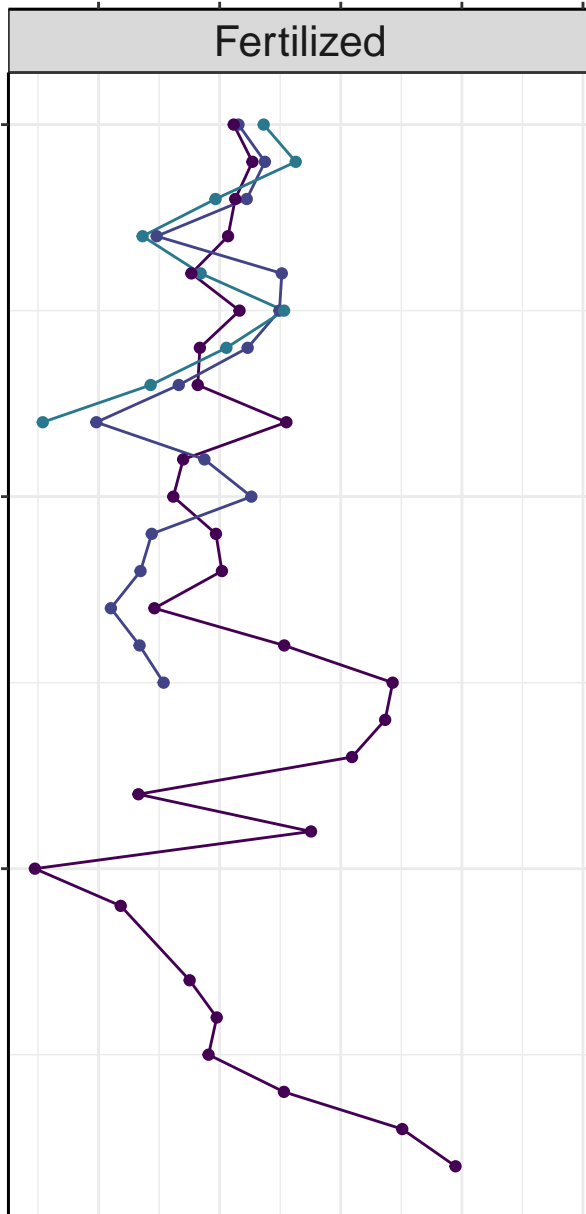
1.2

Reference

0

100

200



# Index II (FT-IR)

Depth (cm)

1.4

1.5

1.6

1.7

1.8

Fertilized

1.4

1.5

1.6

1.7

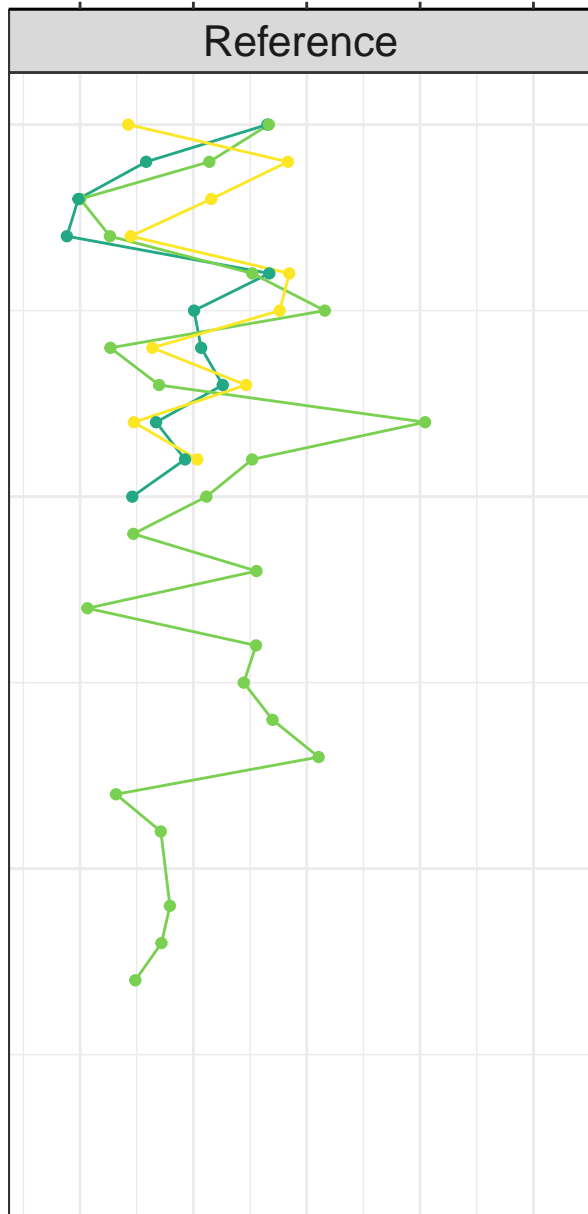
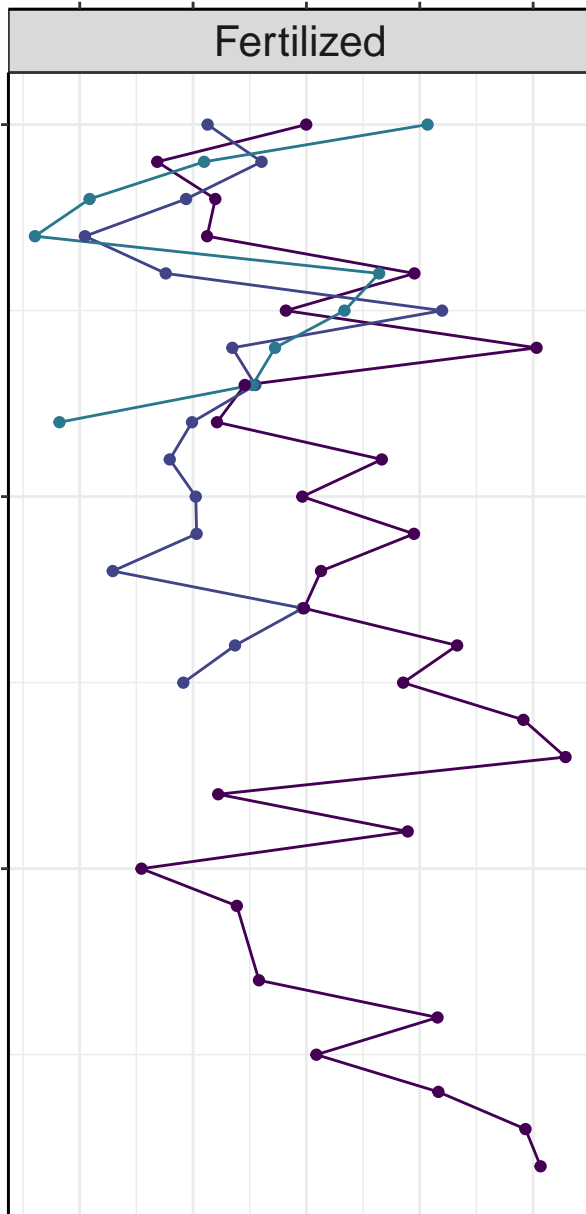
1.8

Reference

0

100

200



# Paraffins (NMR)

15.0 17.5 20.0 22.5 25.0

Enriched

15.0 17.5 20.0 22.5 25.0

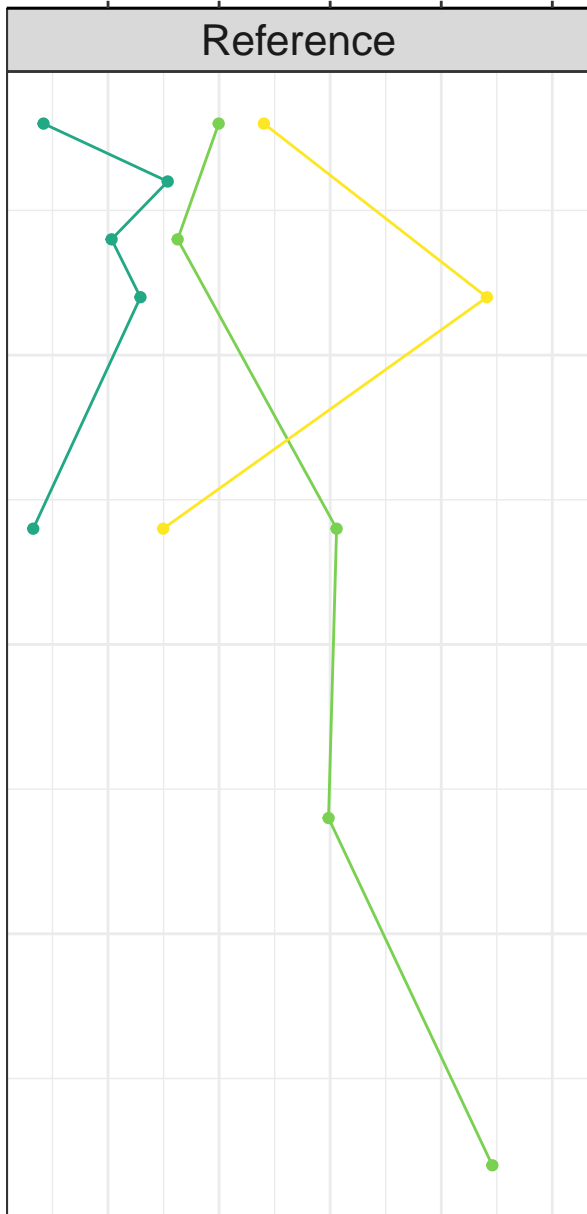
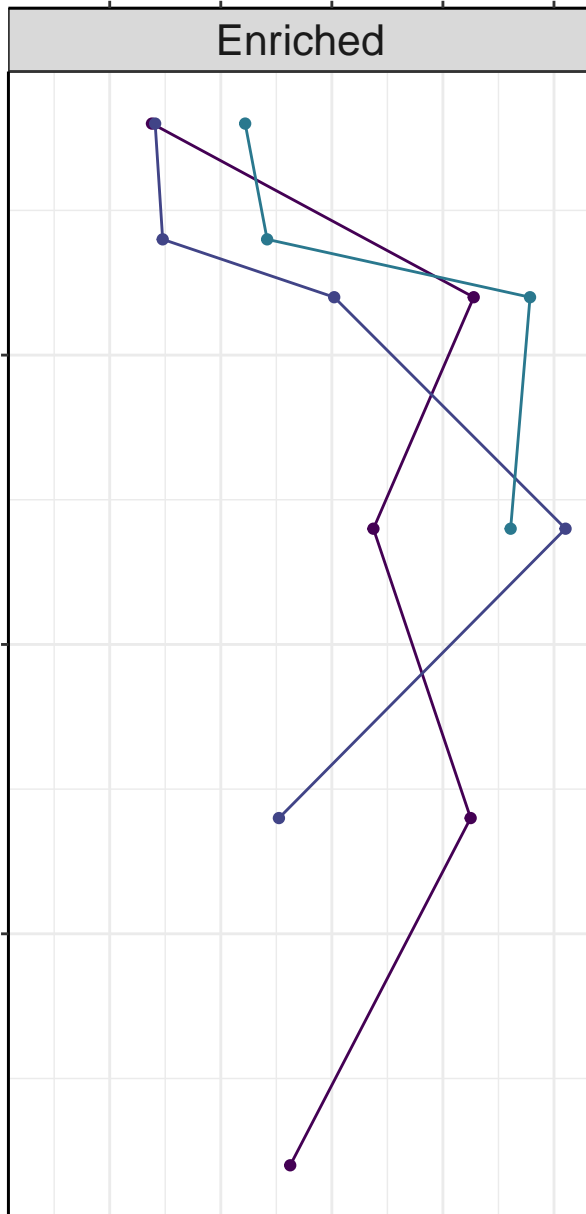
Reference

Depth (cm)

50

100

150



# Methoxy (NMR)

Depth (cm)

10

11

12

Enriched

10

11

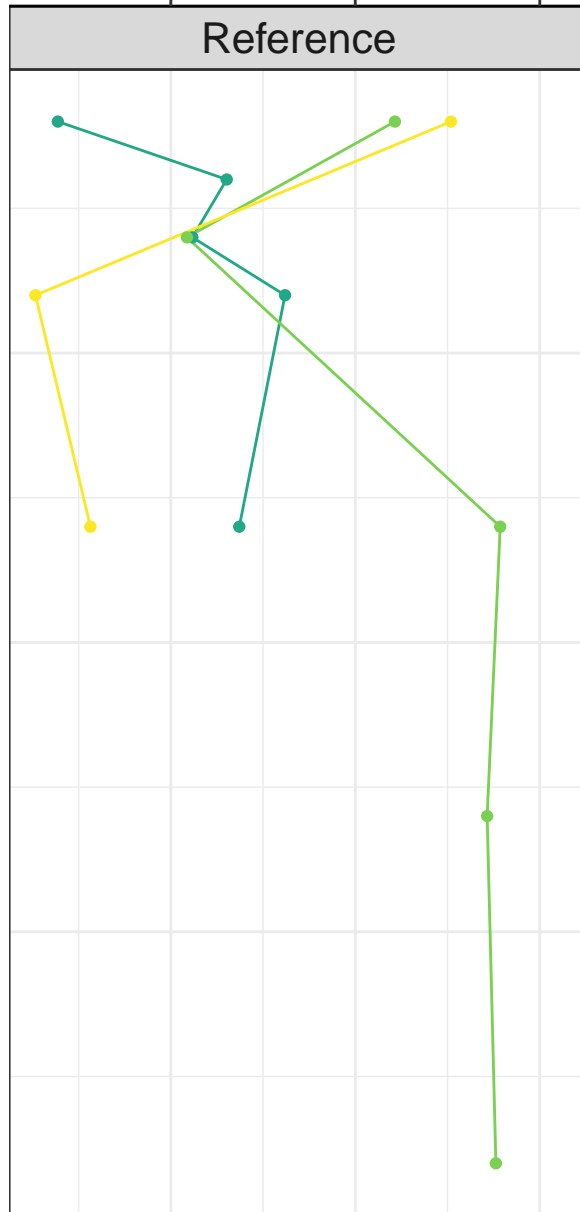
12

Reference

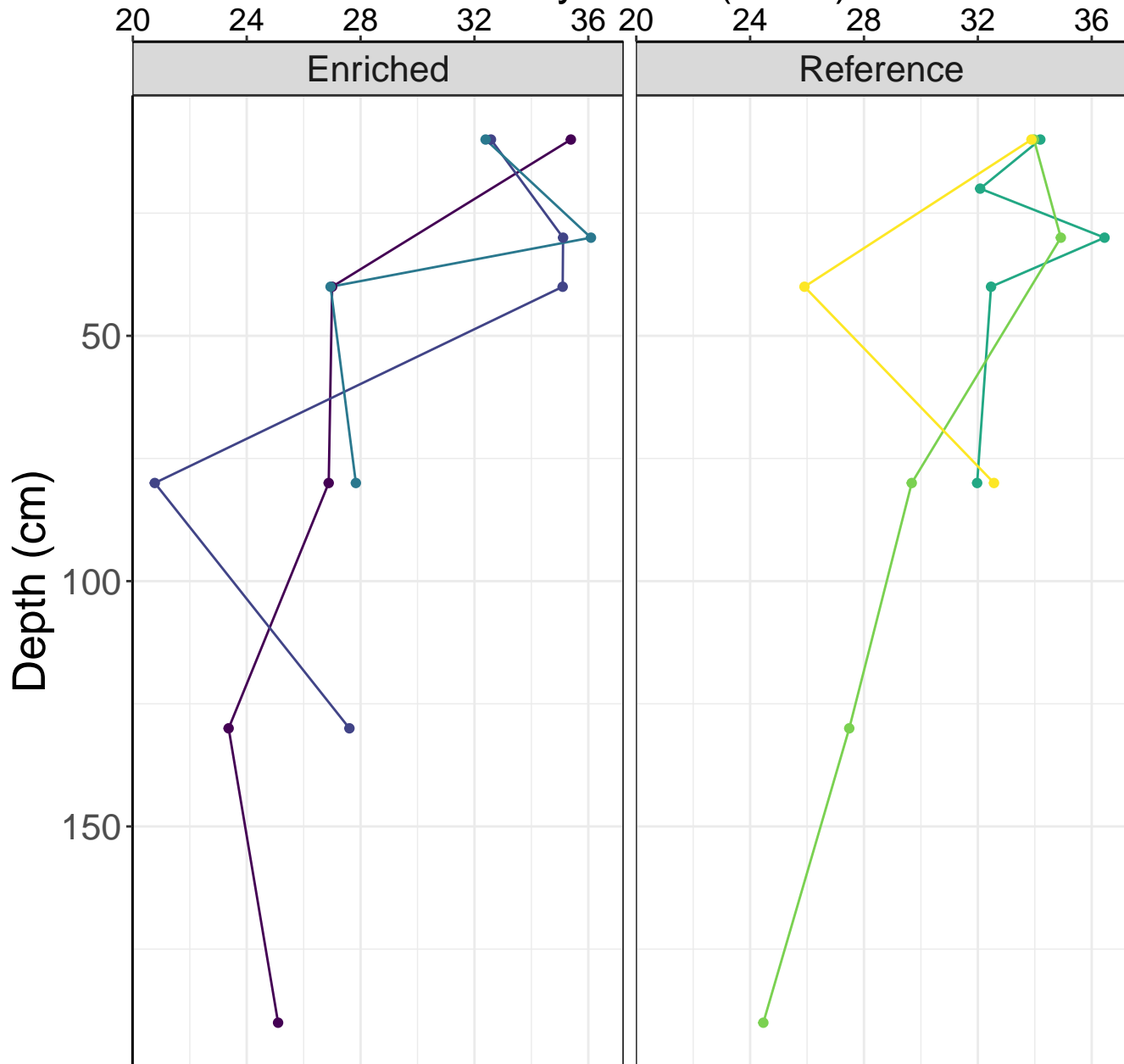
50

100

150



# Carbohydrates (NMR)



# Aromatic C (NMR)

Depth (cm)

14

15

16

17

Enriched

14

15

16

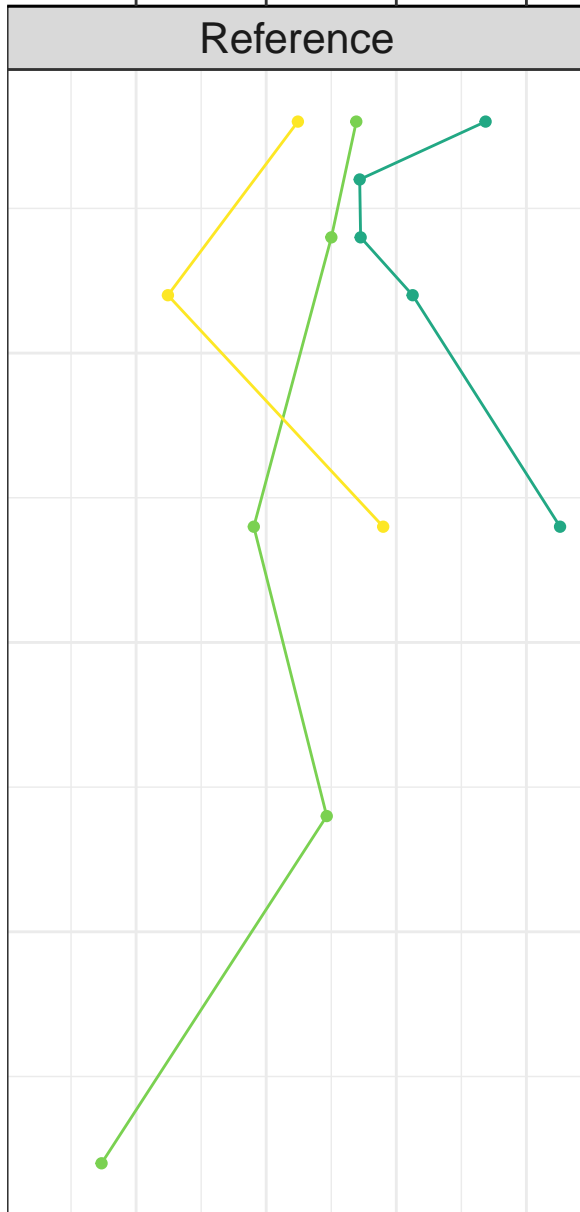
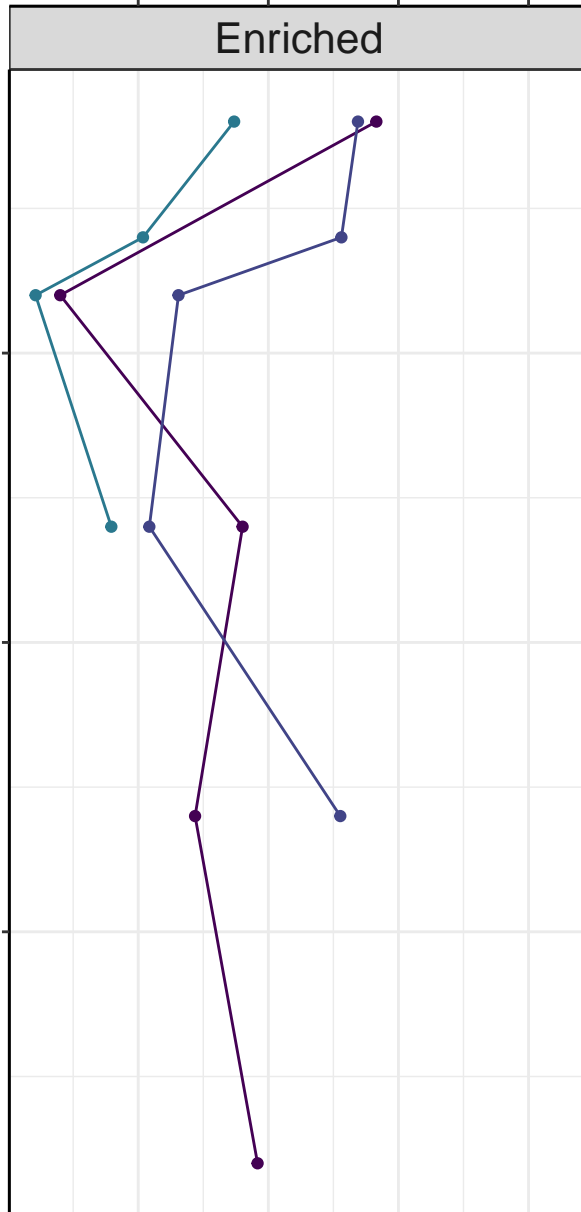
17

Reference

50

100

150



# Sub-aromatic C (NMR)

Depth (cm)

8

9

10

11

12

13

Enriched

50

100

150

8

9

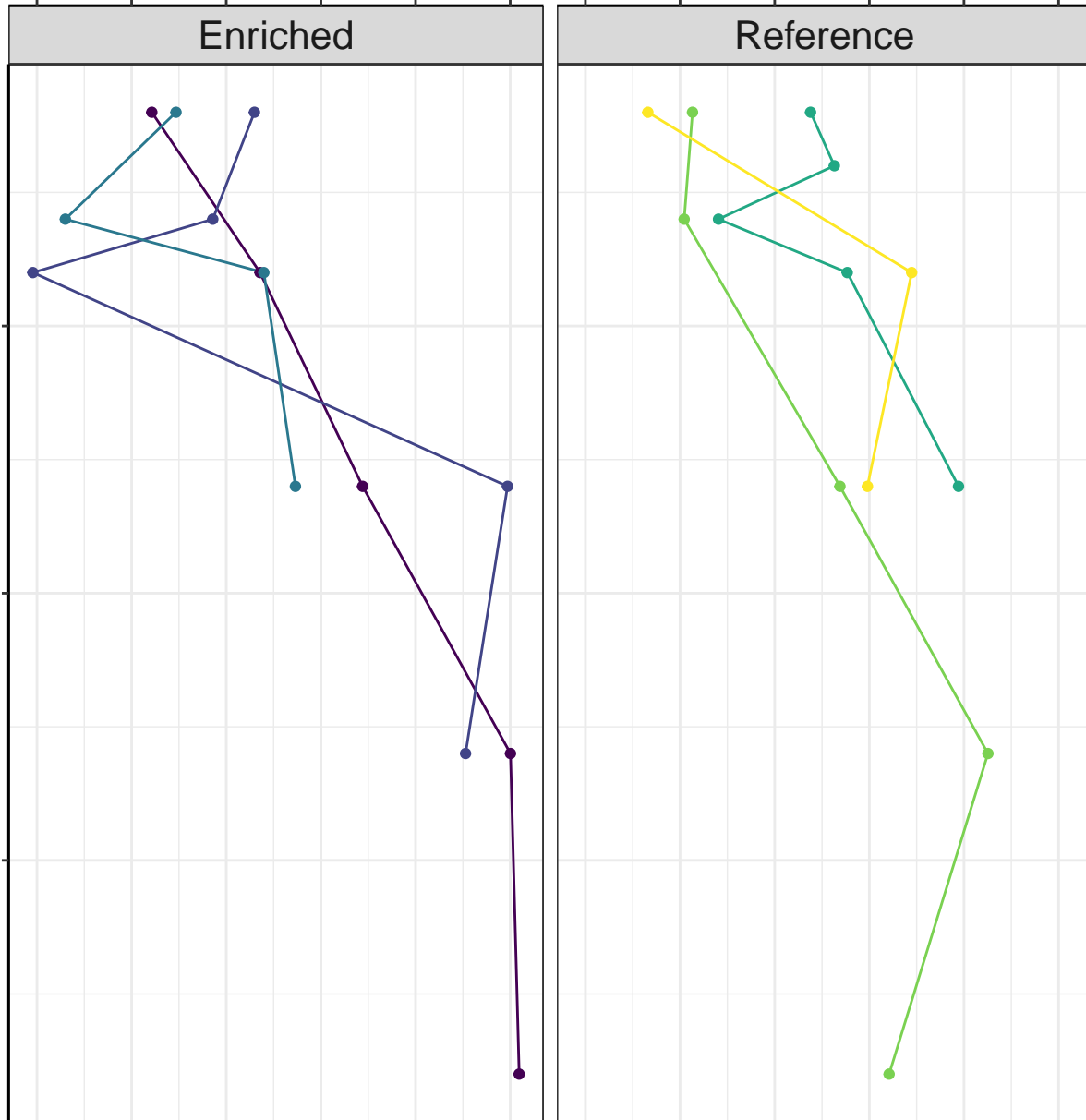
10

11

12

13

Reference





# O-Sub-aromatic C (NMR)

