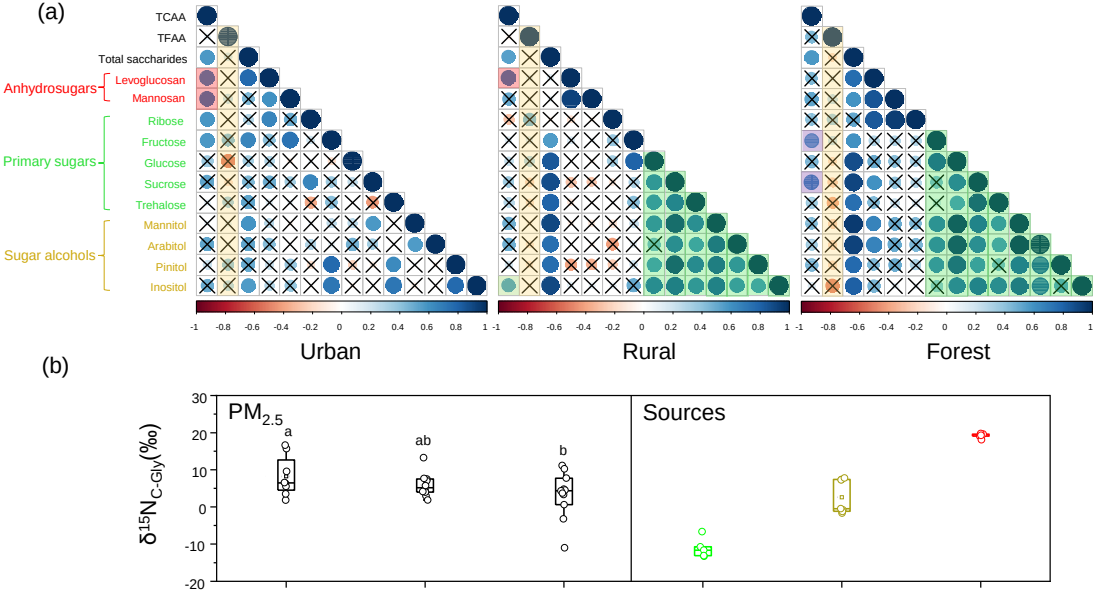
(a)
TCAA
TFAA
Total saccharides
Anhydrosugars
Levoglucosan
Mannosan
Primary sugars
Ribose
Fructose
Glucose
Sucrose
Trehalose
Sugar alcohols
Mannitol
Arabitol
Pinitol
Inositol
-1 -0.8 -0.6 -0.4 -0.2 0 0.2 0.4 0.6 0.8 1
Urban
Rural
Forest
(b)
PM2.5
Sources
δ15NC-Gly(‰)
30
20
10
0
-10
-20
a
ab
b
Urban
Rural
Forest
Plant
Soil
Biomass burning