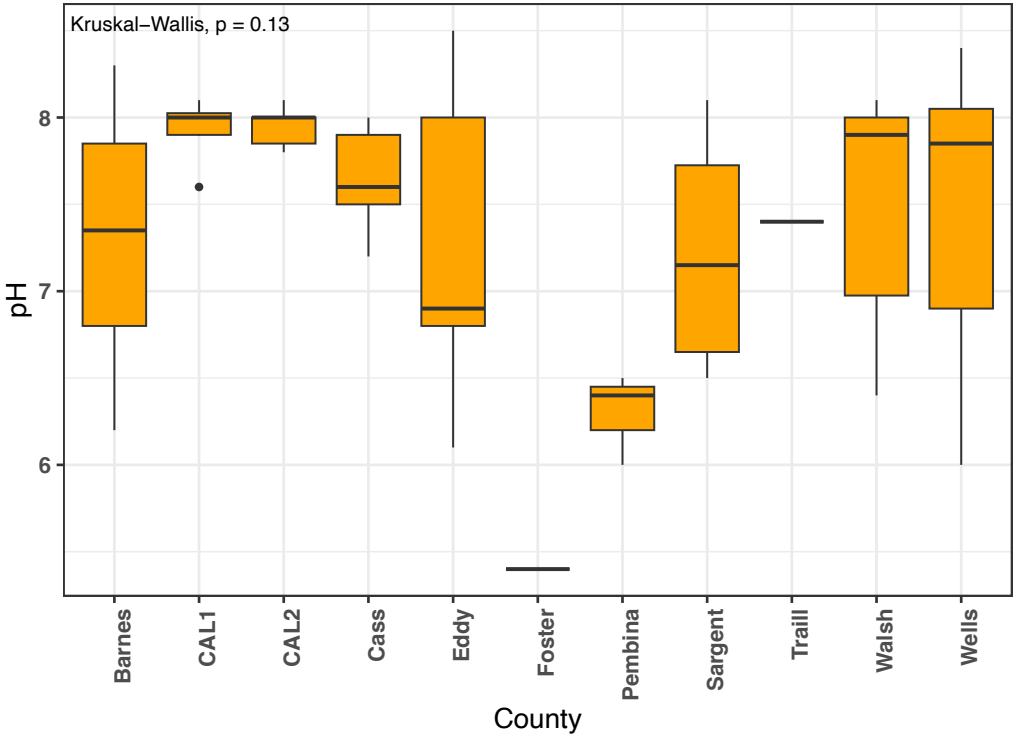
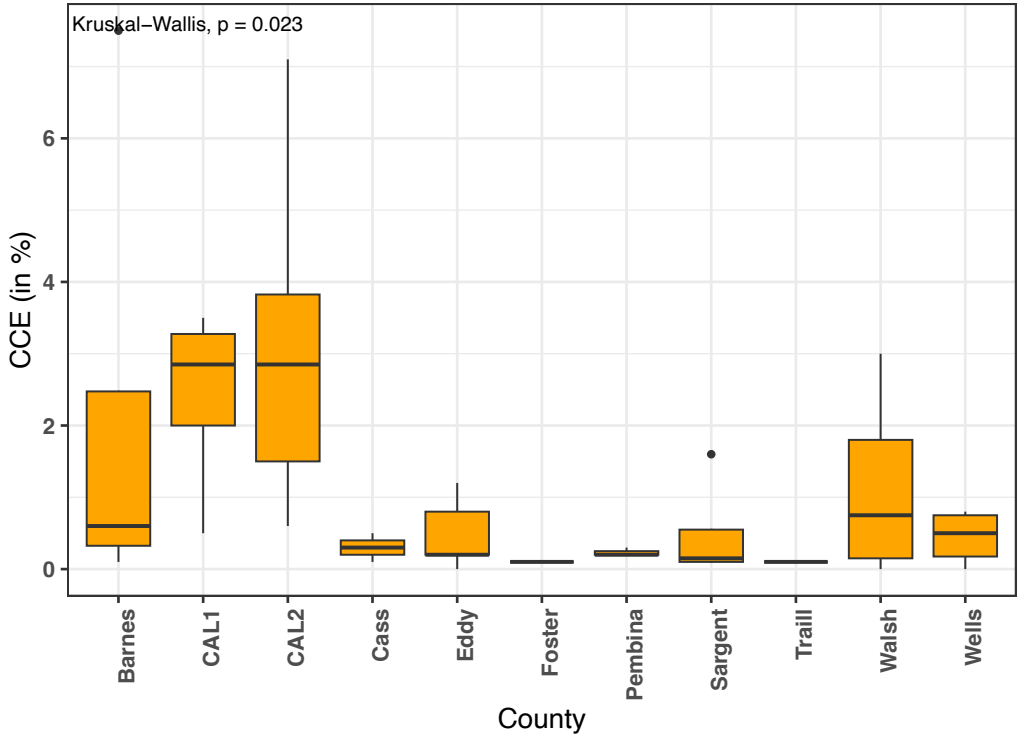
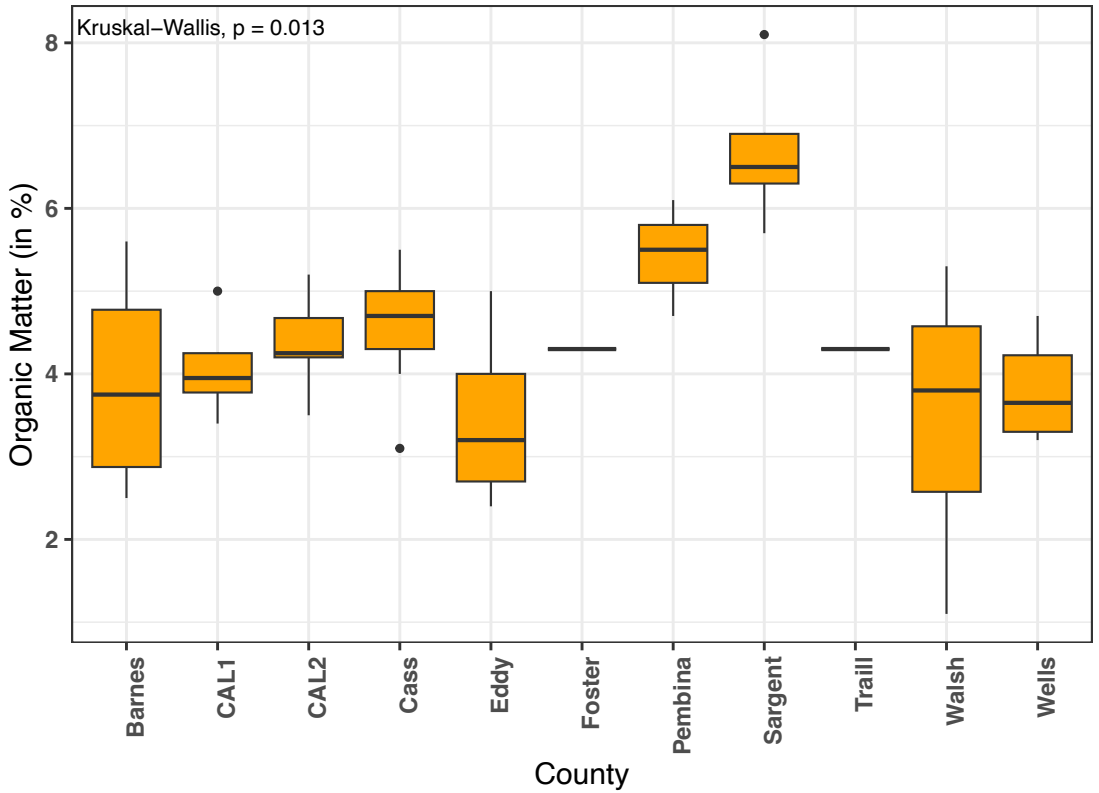
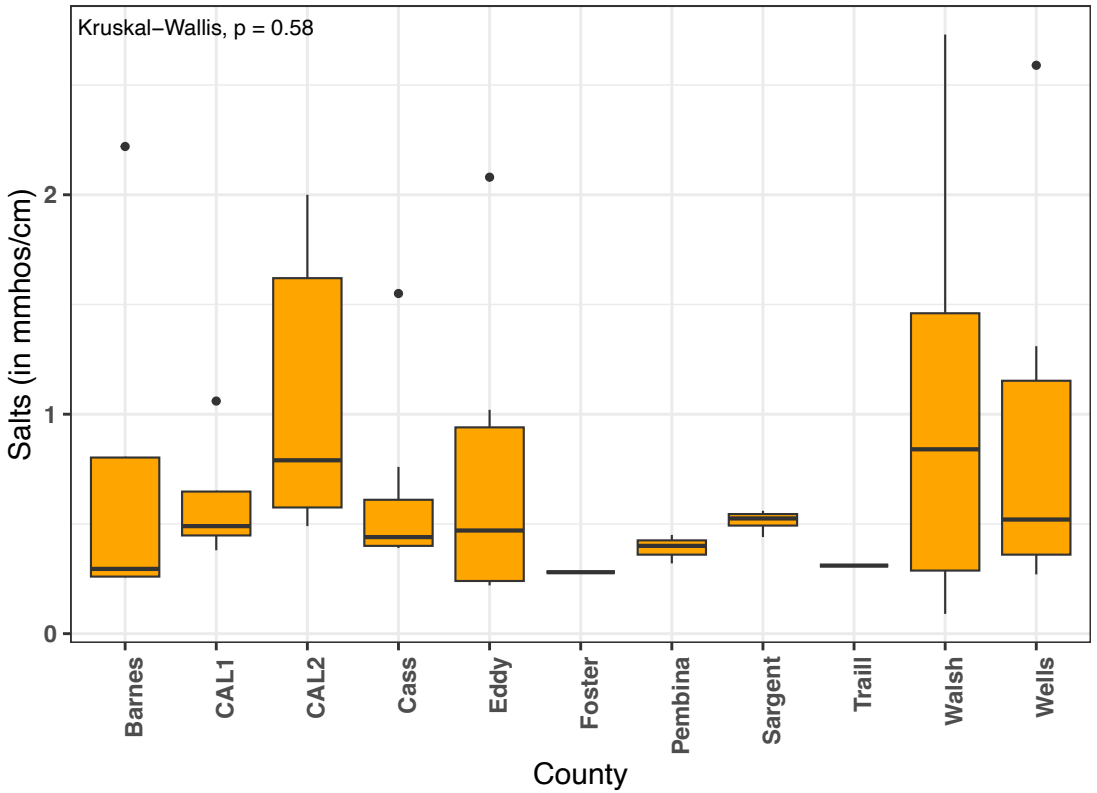
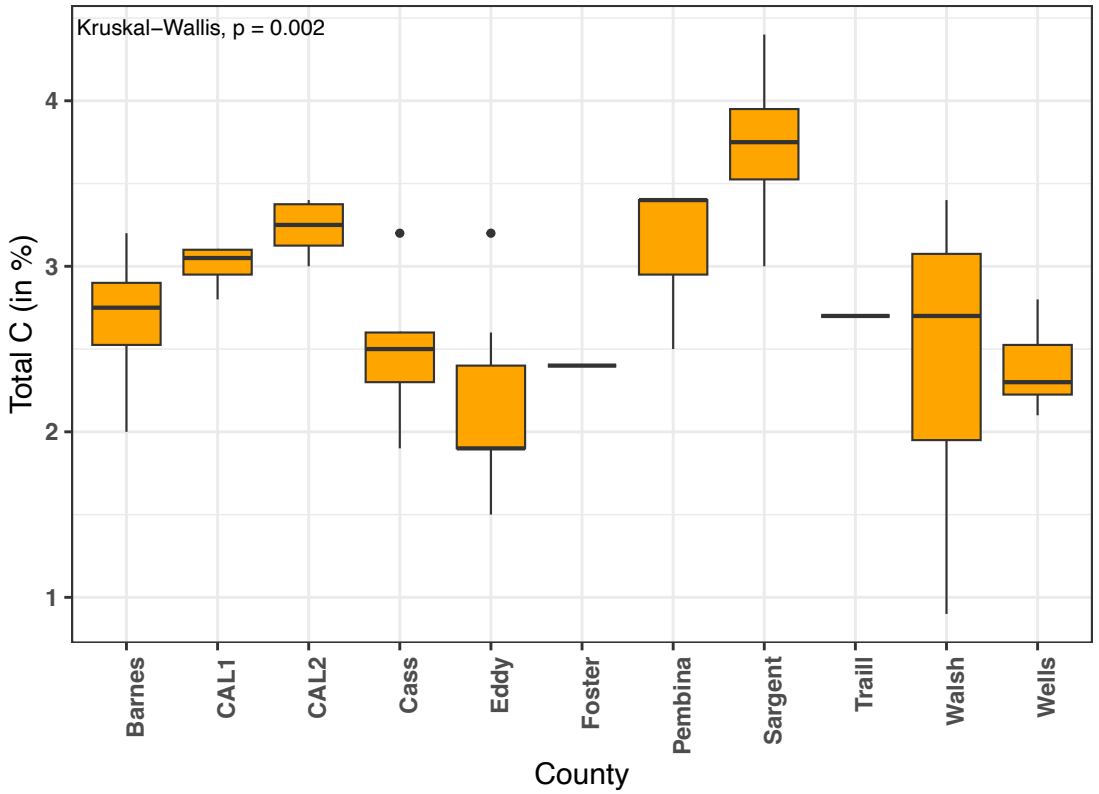
Soil Properties in 53 Soybean Fields across 11 Counties in ND

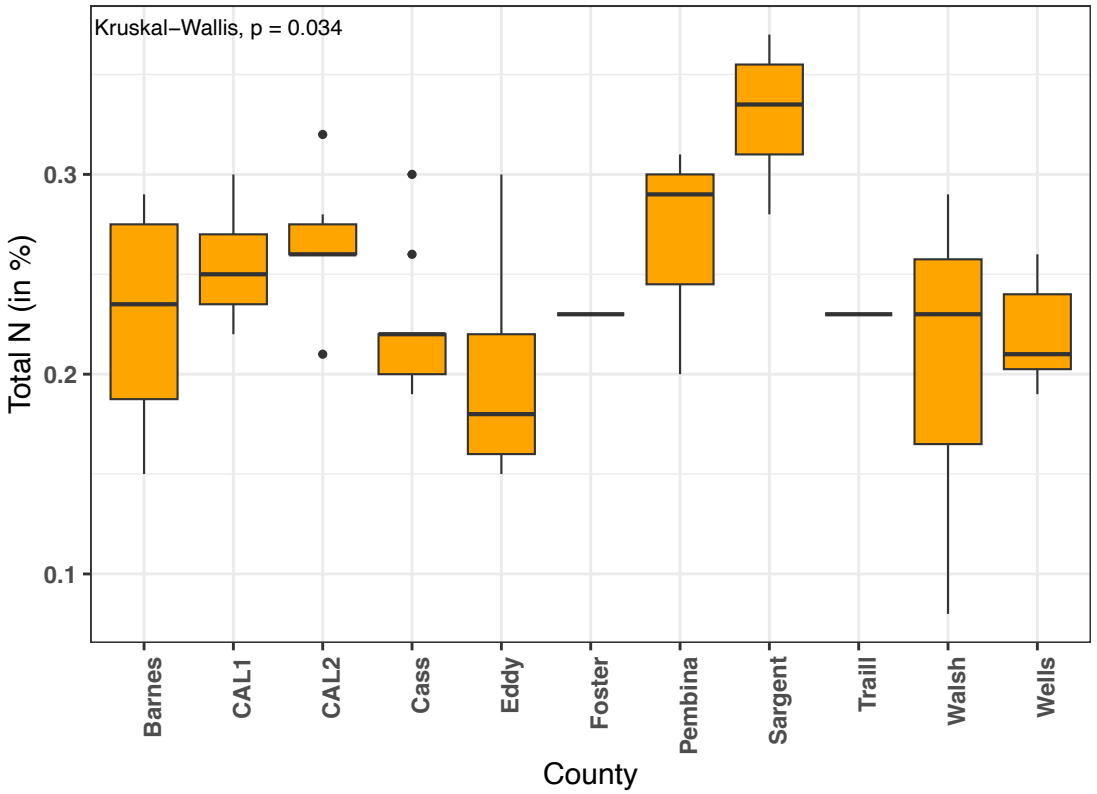


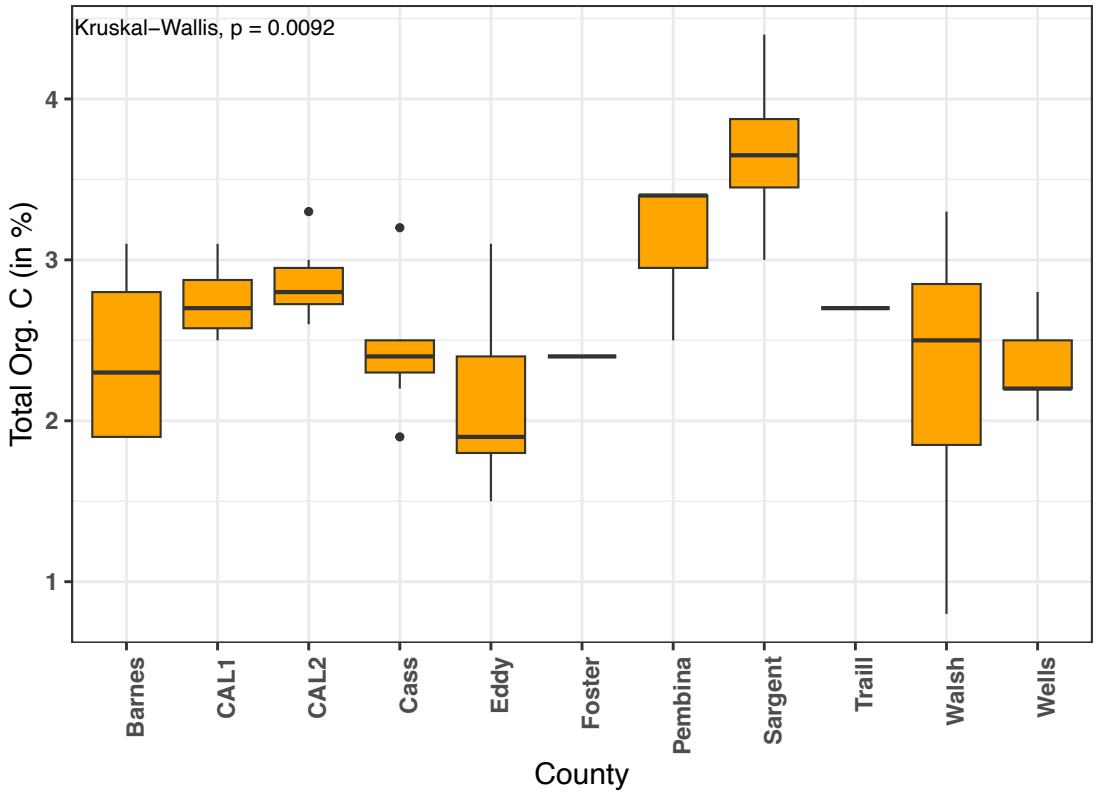


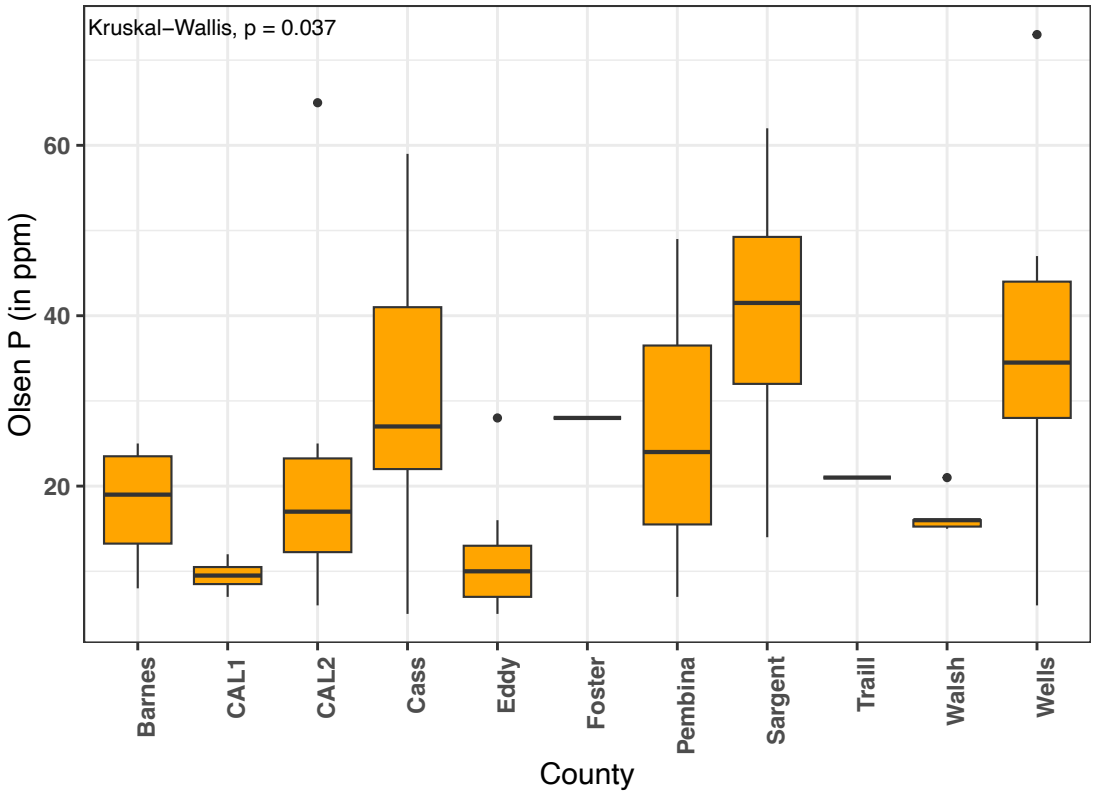

Kruskal–Wallis, p = 0.013
Organic Matter (in %)
8
6
4
2
Barnes
CAL1
CAL2
Cass
Eddy
Foster
Pembina
Sargent
Traill
Walsh
Wells
County

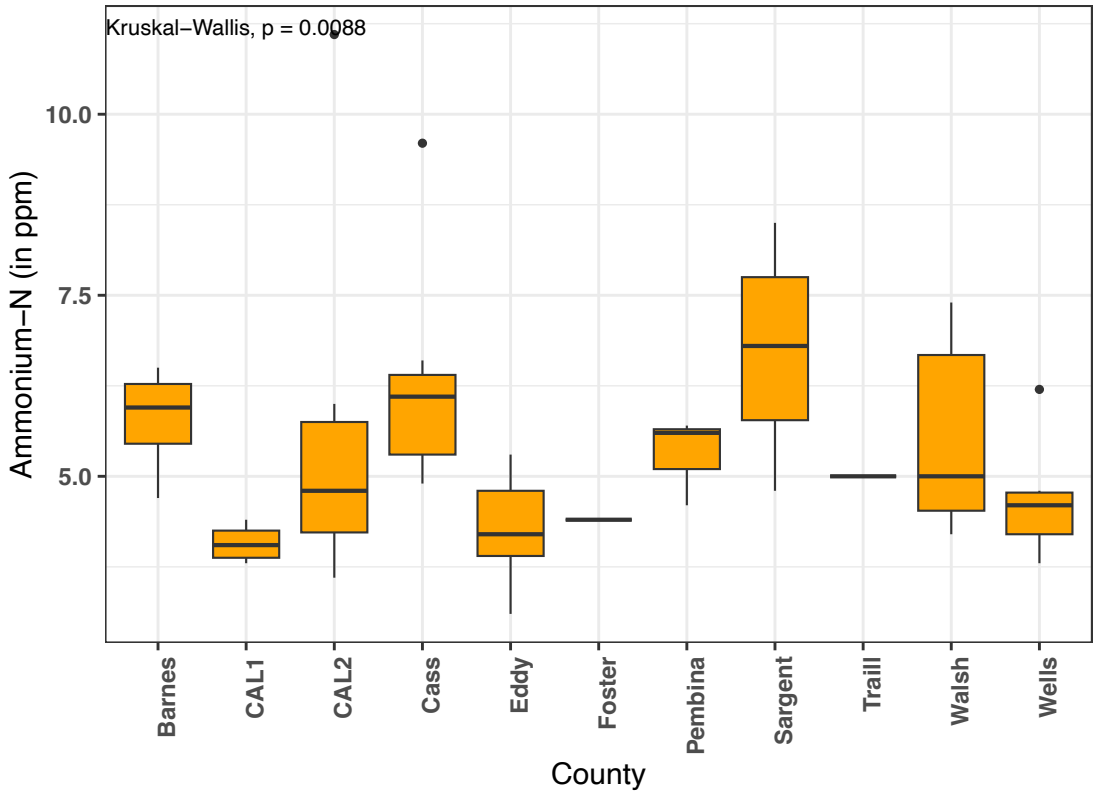

Kruskal–Wallis, p = 0.58
Salts (in mmhos/cm)
2
1
0
Barnes
CAL1
CAL2
Cass
Eddy
Foster
Pembina
Sargent
Traill
Walsh
Wells
County

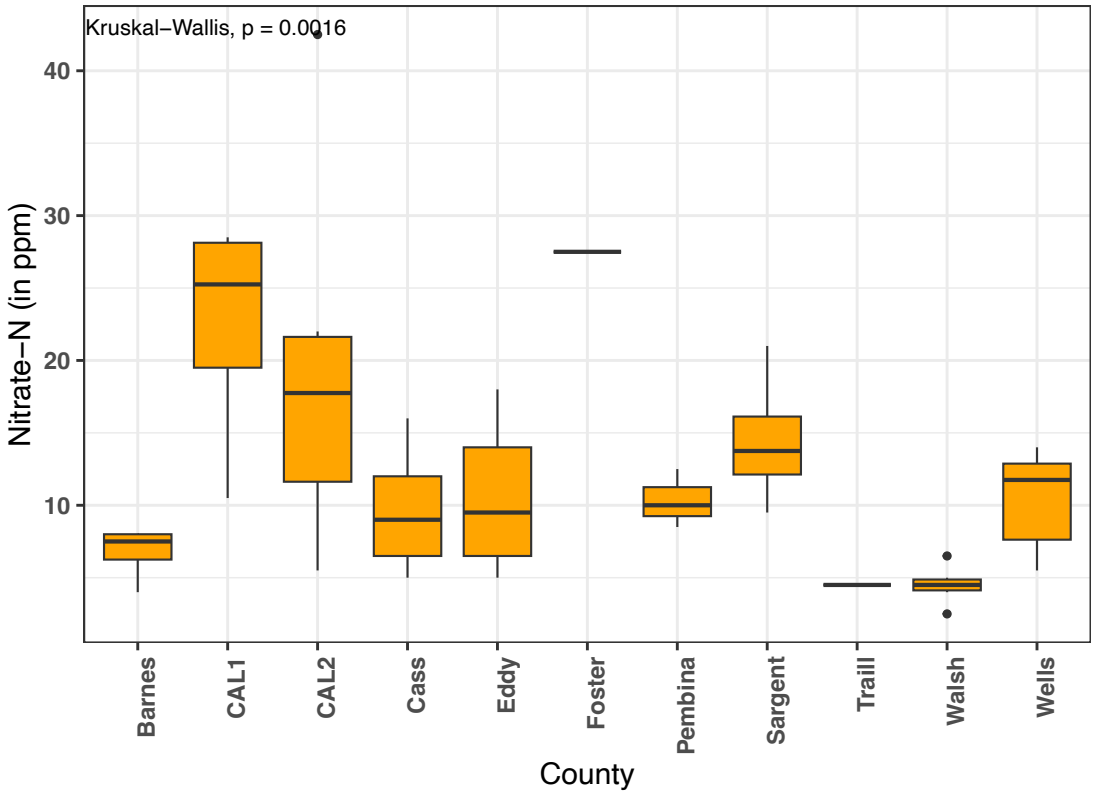

Kruskal–Wallis, p = 0.002
Total C (in %)
4
3
2
1
Barnes
CAL1
CAL2
Cass
Eddy
Foster
Pembina
Sargent
Traill
Walsh
Wells
County


Kruskal–Wallis, p = 0.034
Total N (in %)
0.3
0.2
0.1
Barnes
CAL1
CAL2
Cass
Eddy
Foster
Pembina
Sargent
Traill
Walsh
Wells
County


Kruskal–Wallis, p = 0.0092
Total Org. C (in %)
4
3
2
1
Barnes
CAL1
CAL2
Cass
Eddy
Foster
Pembina
Sargent
Traill
Walsh
Wells
County


Kruskal–Wallis, p = 0.037
Olsen P (in ppm)
60
40
20
Barnes
CAL1
CAL2
Cass
Eddy
Foster
Pembina
Sargent
Traill
Walsh
Wells
County


Kruskal–Wallis, p = 0.0088
Ammonium–N (in ppm)
10.0
7.5
5.0
Barnes
CAL1
CAL2
Cass
Eddy
Foster
Pembina
Sargent
Traill
Walsh
Wells
County


Kruskal–Wallis, p = 0.0016
Nitrate–N (in ppm)
40
30
20
10
Barnes
CAL1
CAL2
Cass
Eddy
Foster
Pembina
Sargent
Traill
Walsh
Wells
County