

Functional Diversity Data Summary

Grace Pratt

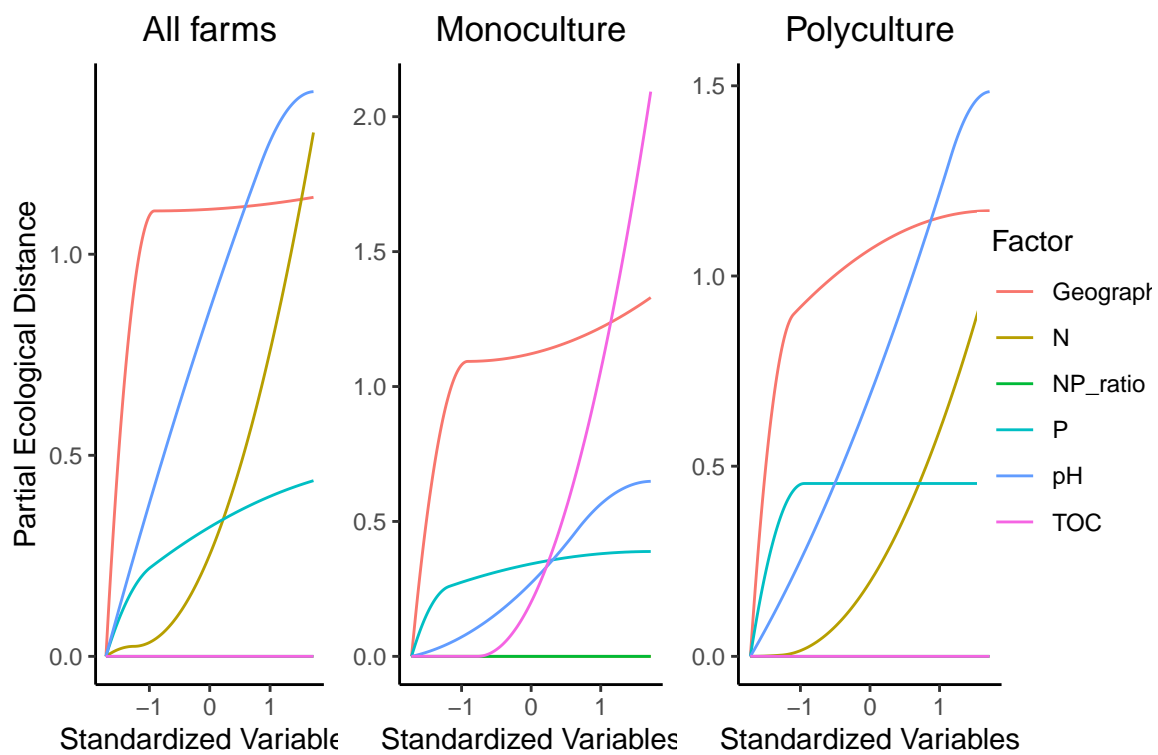
5/21/2020

AMF FUNCTIONAL GROUP

##	Predictors	Coefficients
## 1	Geographic	1.1420410
## 2	pH	1.4044242
## 3	P	0.4376559
## 4	TOC	0.0000000
## 5	N	1.3176671
## 6	NP_ratio	0.0000000
## 7	Percent Deviance Explained	14.3118263

##	Predictors	Coefficients
## 1	Geographic	1.3329127
## 2	pH	0.6487356
## 3	P	0.3885961
## 4	TOC	2.1219492
## 5	N	0.0000000
## 6	NP_ratio	0.0000000
## 7	Percent Deviance Explained	15.7222275

##	Predictors	Coefficients
## 1	Geographic	1.171523
## 2	pH	1.484823
## 3	P	0.454472
## 4	TOC	0.000000
## 5	N	1.024876
## 6	NP_ratio	0.000000
## 7	Percent Deviance Explained	20.022538

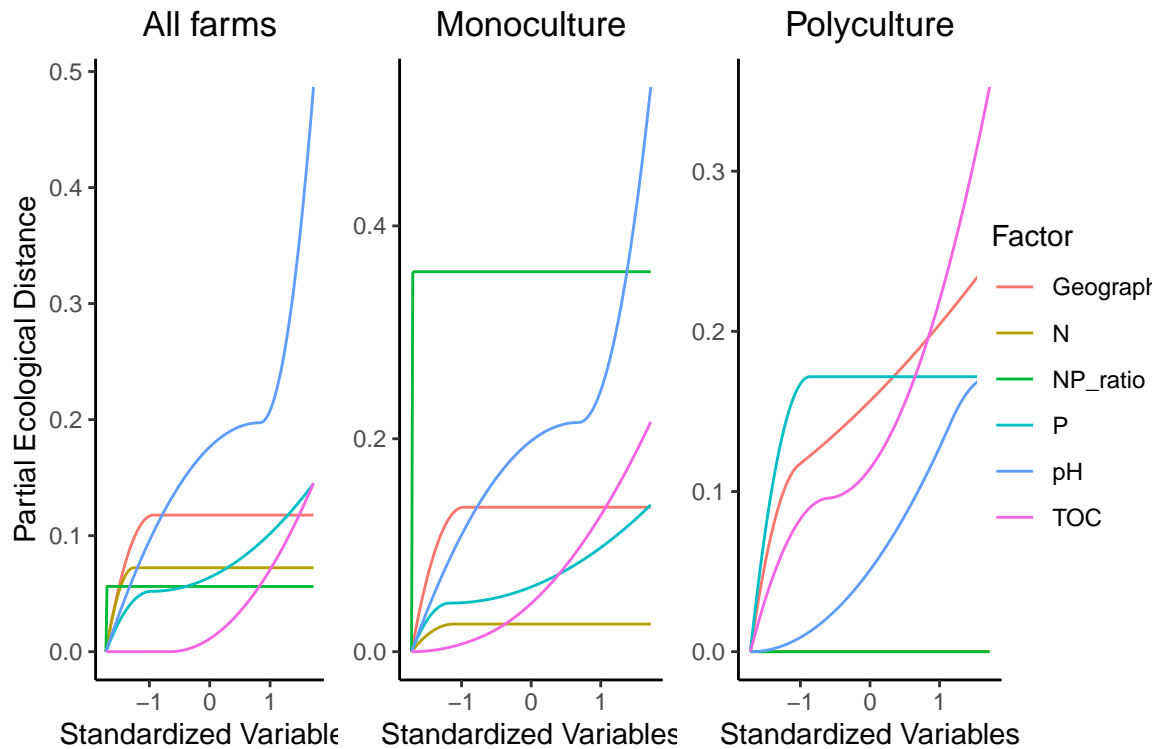


PLANT PATHOGENS

```
## Predictors Coefficients
## 1 Geographic 0.11772271
## 2 pH 0.49805694
## 3 P 0.14597519
## 4 TOC 0.14735548
## 5 N 0.07235028
## 6 NP_ratio 0.05622265
## 7 Percent Deviance Explained 11.14974917
```

```
## Predictors Coefficients
## 1 Geographic 0.13570632
## 2 pH 0.54105479
## 3 P 0.13902491
## 4 TOC 0.21819627
## 5 N 0.02595778
## 6 NP_ratio 0.35694942
## 7 Percent Deviance Explained 33.21564709
```

```
## Predictors Coefficients
## 1 Geographic 0.2450483
## 2 pH 0.1716905
## 3 P 0.1716697
## 4 TOC 0.3563473
## 5 N 0.0000000
## 6 NP_ratio 0.0000000
## 7 Percent Deviance Explained 22.2517718
```

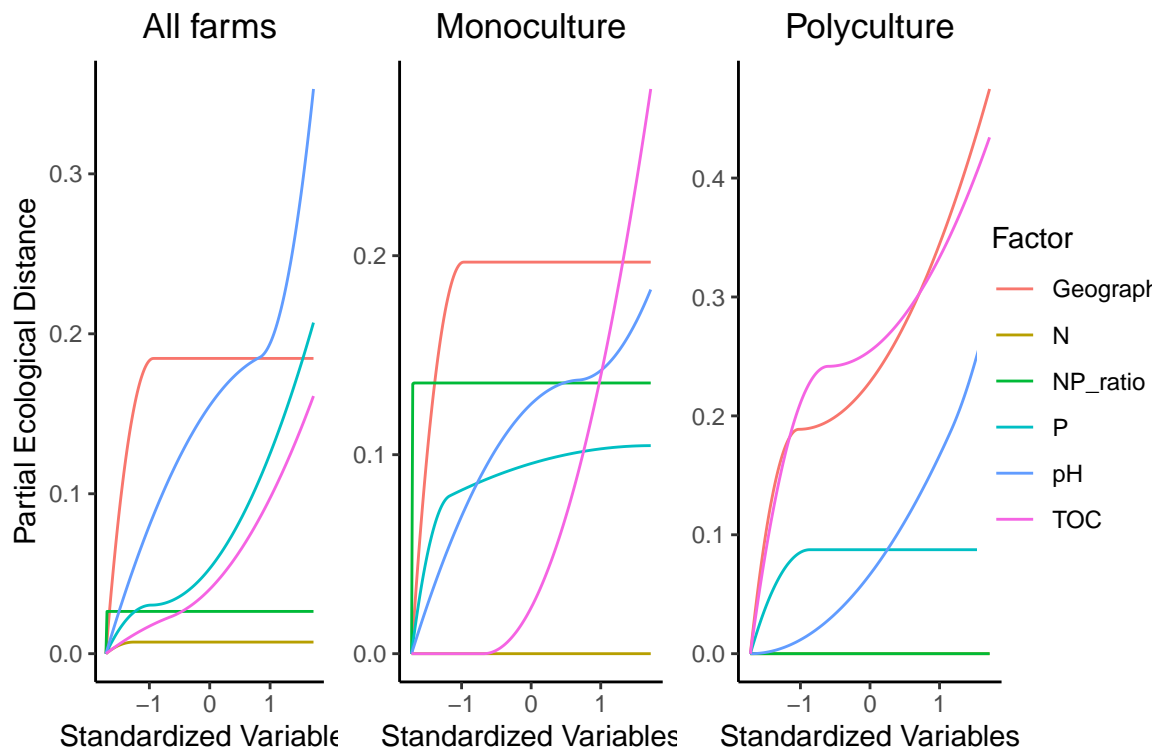


SAPROTROPHS

```
## Predictors Coefficients
## 1 Geographic 0.18460890
## 2 pH 0.35933185
## 3 P 0.20927755
## 4 TOC 0.16285305
## 5 N 0.00725989
## 6 NP_ratio 0.02643250
## 7 Percent Deviance Explained 17.06990738
```

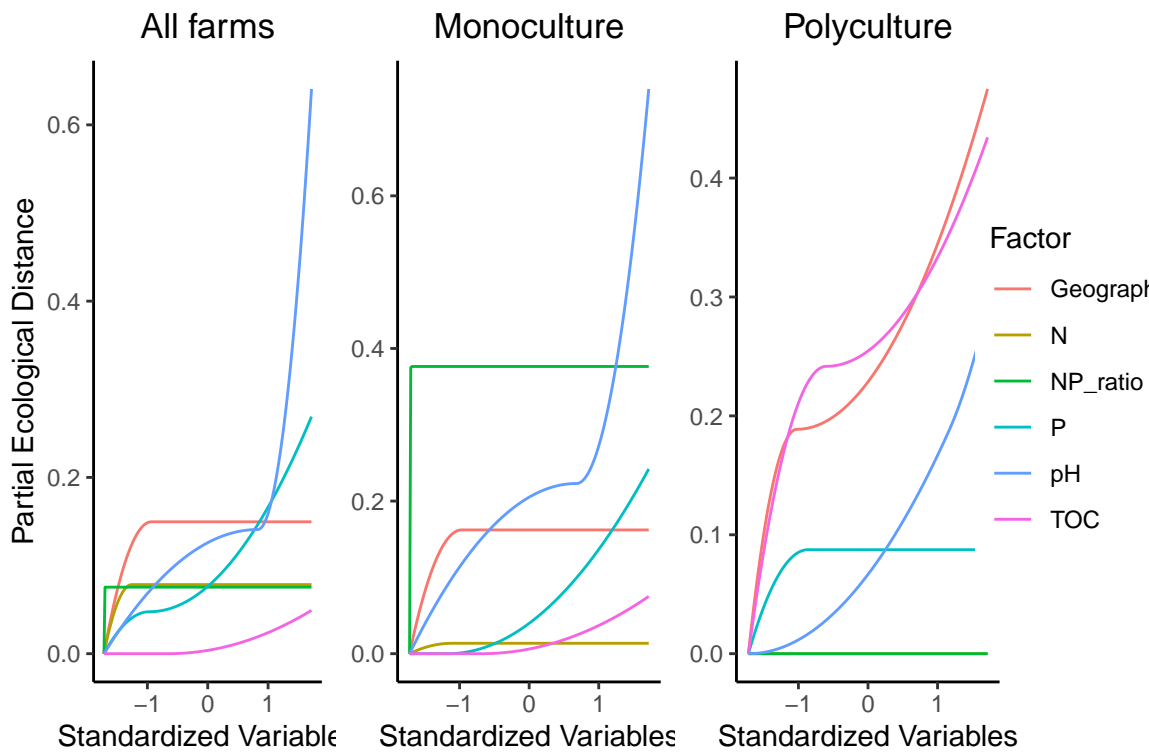
```
## Predictors Coefficients
## 1 Geographic 0.1967693
## 2 pH 0.1844701
## 3 P 0.1045594
## 4 TOC 0.2878780
## 5 N 0.0000000
## 6 NP_ratio 0.1360407
## 7 Percent Deviance Explained 30.2507243
```

```
## Predictors Coefficients
## 1 Geographic 0.47854947
## 2 pH 0.29672471
## 3 P 0.08745943
## 4 TOC 0.43711100
## 5 N 0.00000000
## 6 NP_ratio 0.00000000
## 7 Percent Deviance Explained 39.57684189
```

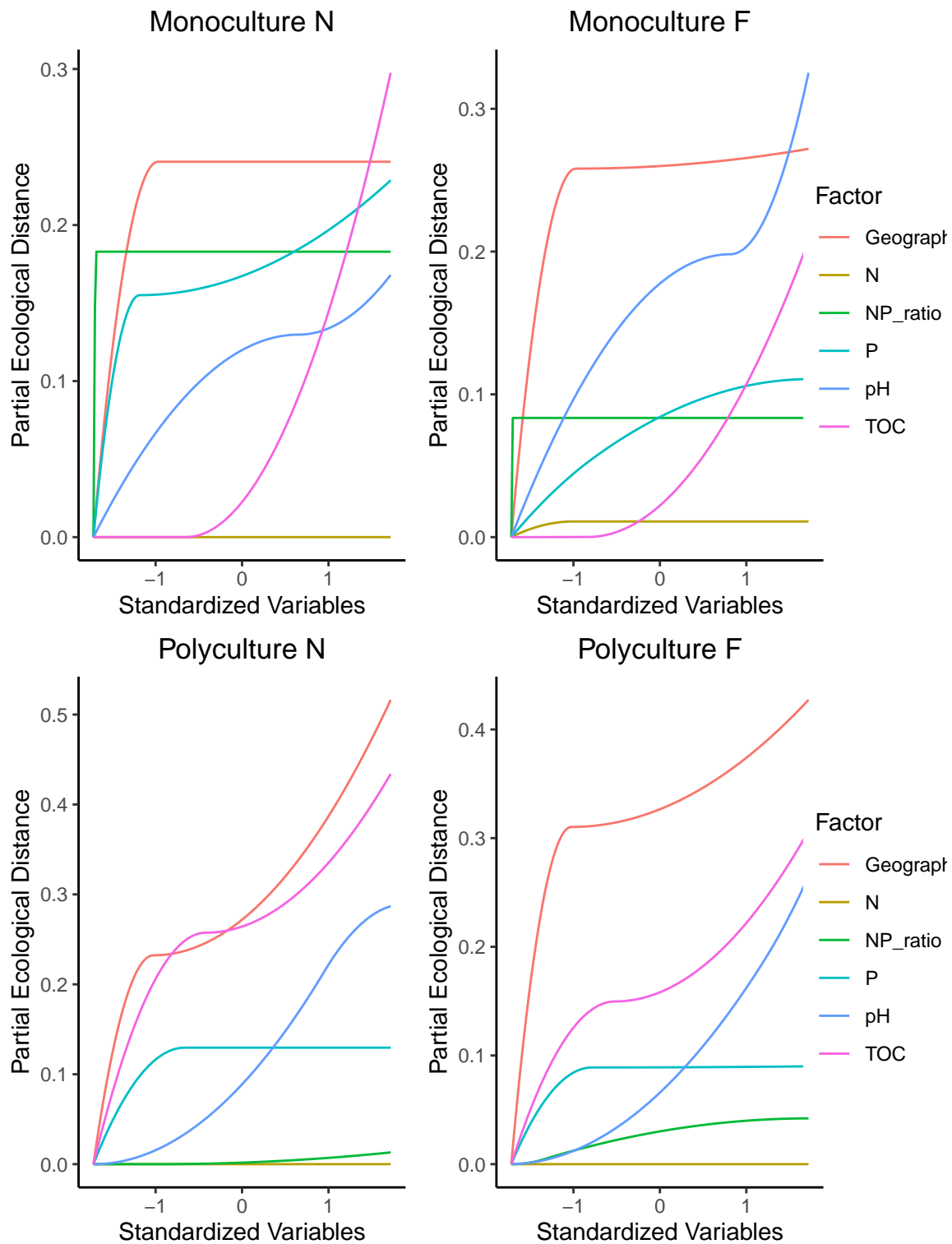


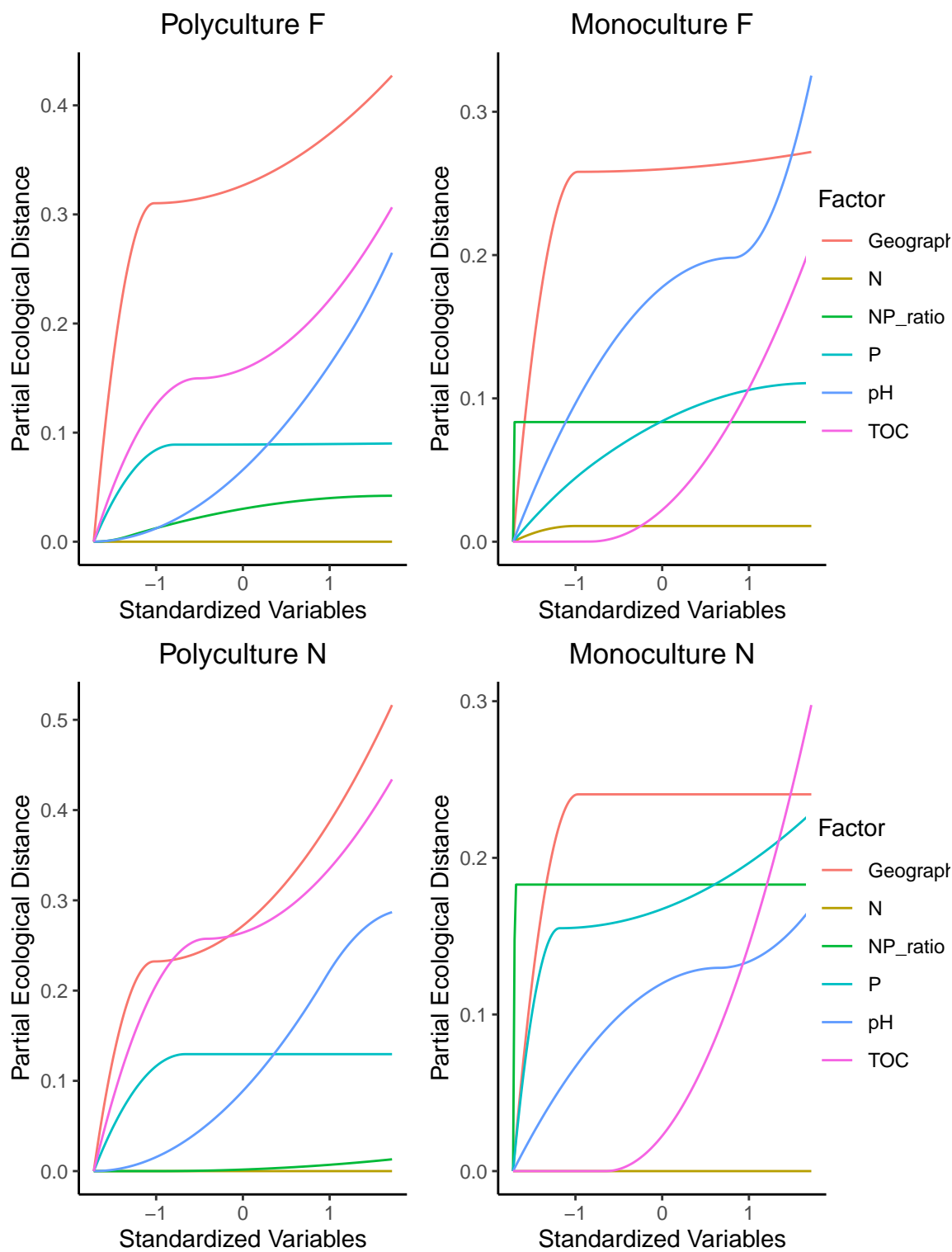
FUNGAL PARASITE

##	Predictors	Coefficients
## 1	Geographic	0.14963239
## 2	pH	0.66033953
## 3	P	0.27182604
## 4	TOC	0.04986160
## 5	N	0.07841128
## 6	NP_ratio	0.07548854
## 7	Percent Deviance Explained	11.23764778
##	Predictors	Coefficients
## 1	Geographic	0.16219013
## 2	pH	0.75741315
## 3	P	0.24496451
## 4	TOC	0.07617834
## 5	N	0.01362458
## 6	NP_ratio	0.37639233
## 7	Percent Deviance Explained	28.87434446
##	Predictors	Coefficients
## 1	Geographic	0.35461896
## 2	pH	0.16193637
## 3	P	0.19093089
## 4	TOC	0.29053125
## 5	N	0.01343859
## 6	NP_ratio	0.00000000
## 7	Percent Deviance Explained	13.98470385

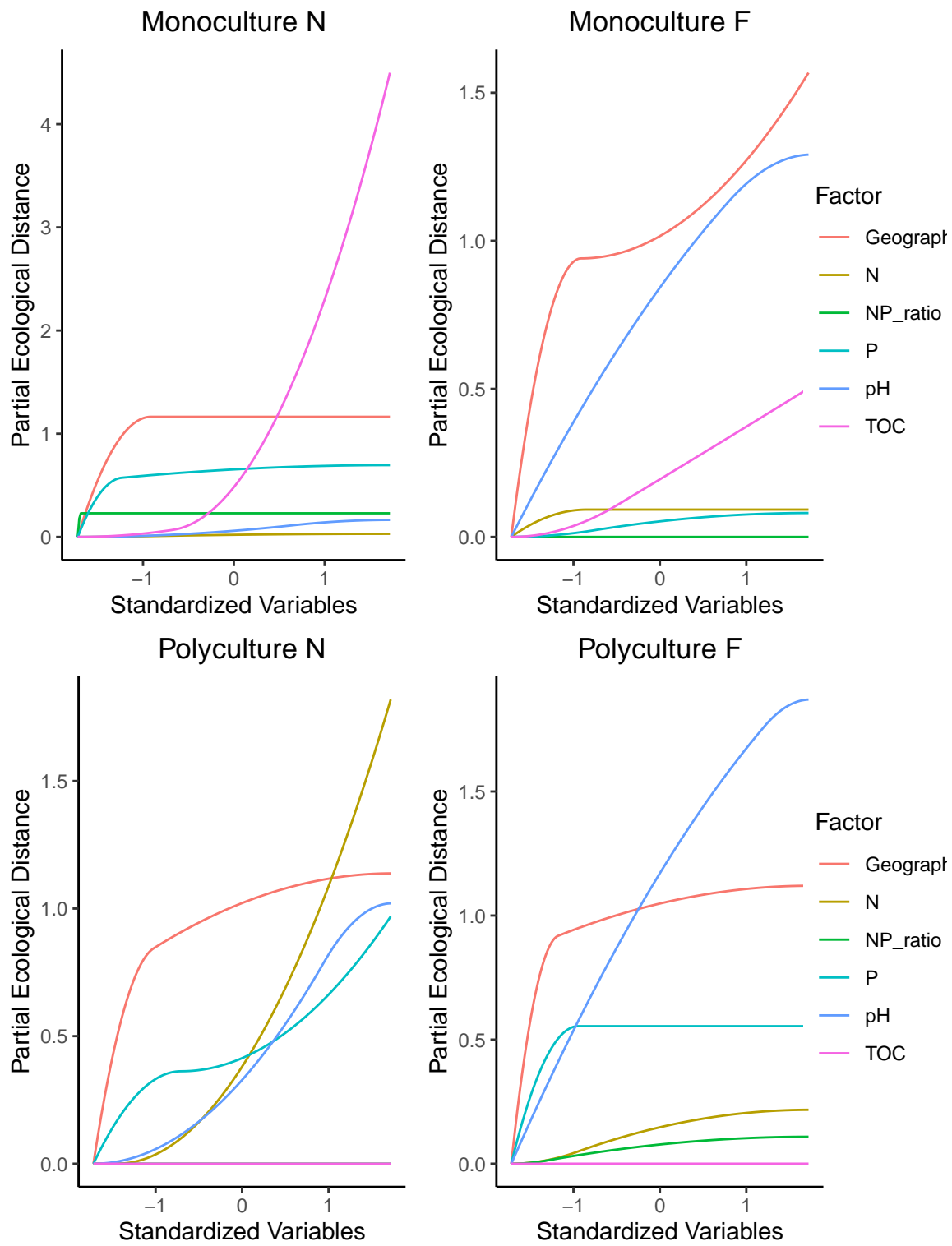


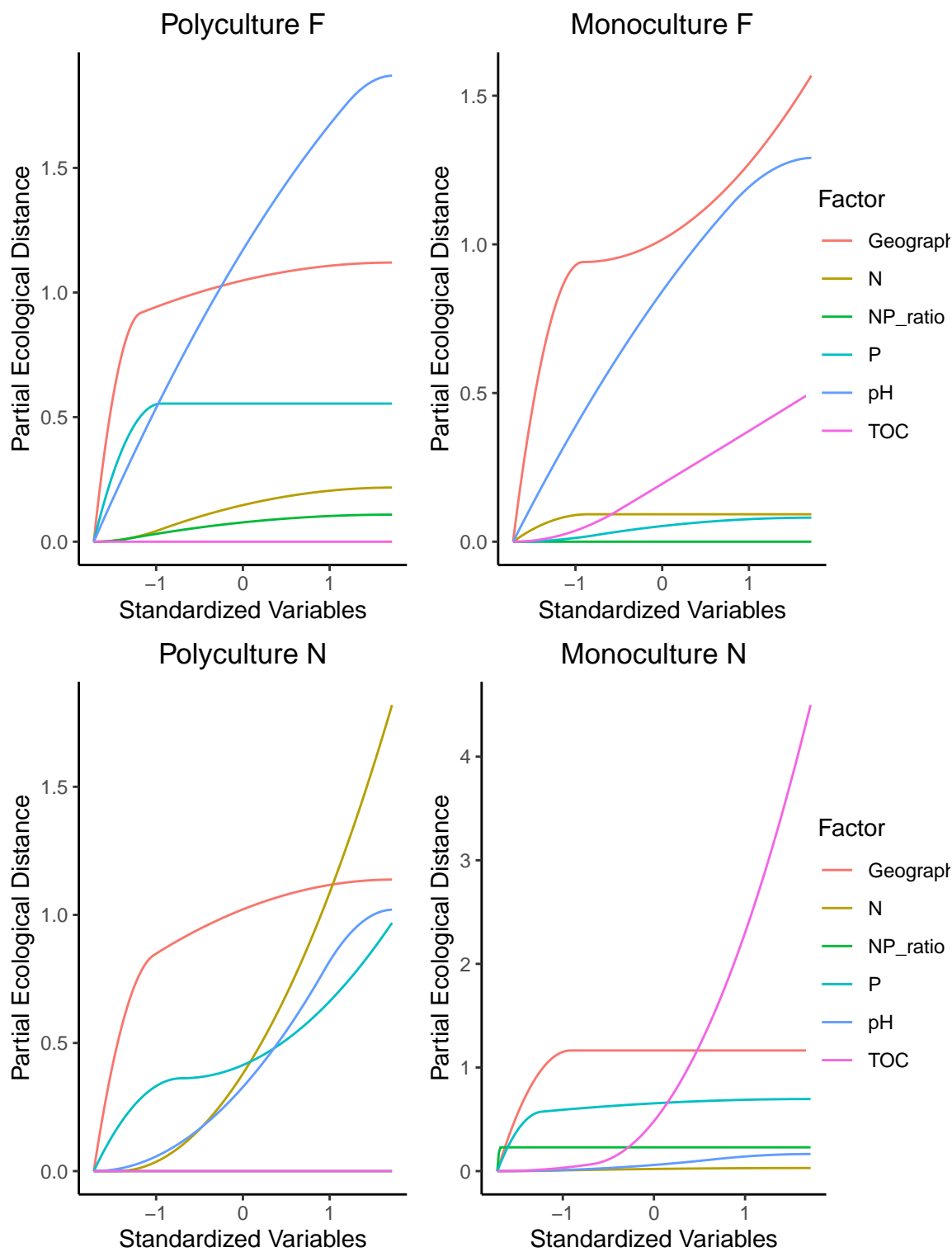
All Fungi FTBL Groups





AMF FTBL Groups

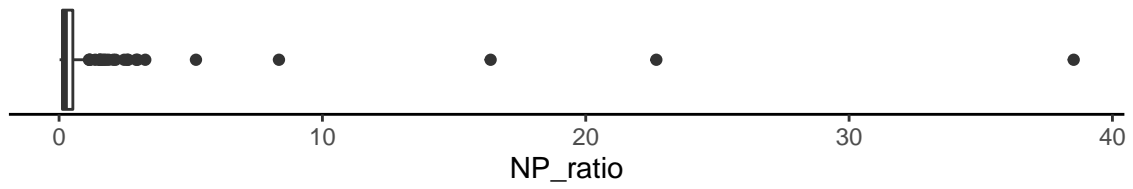




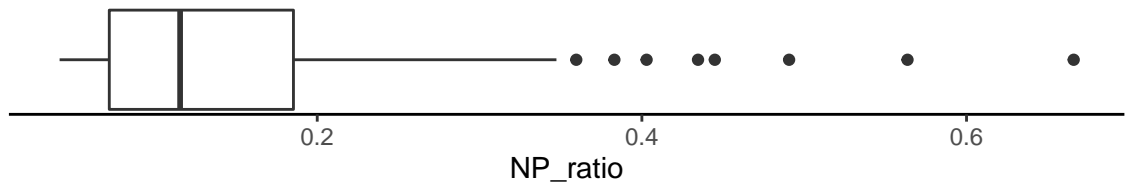
Box Plots of environmental range

NP Ratio

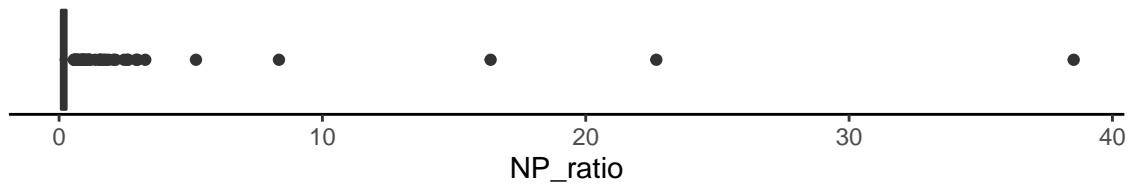
Monocultures



Polycultures

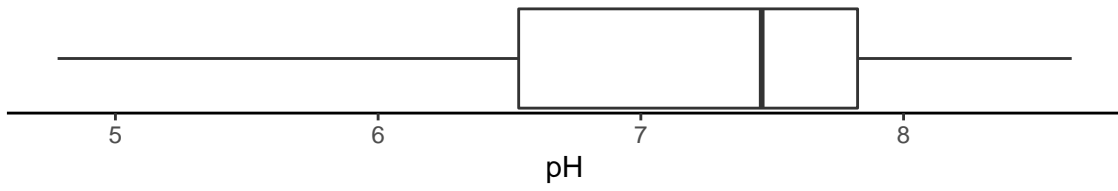


All farms

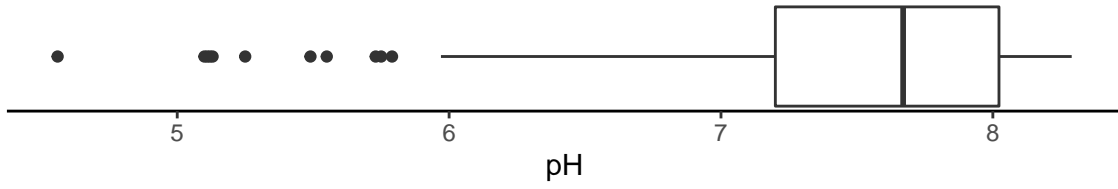


pH

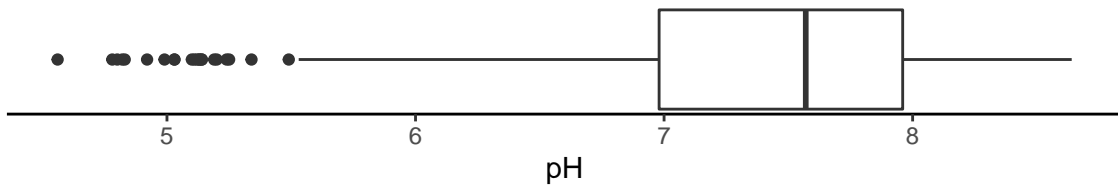
Monocultures



Polycultures

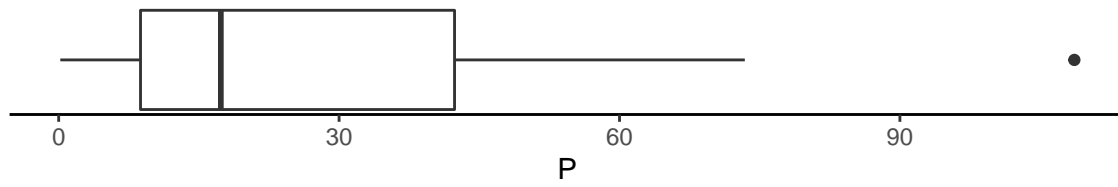


All farms

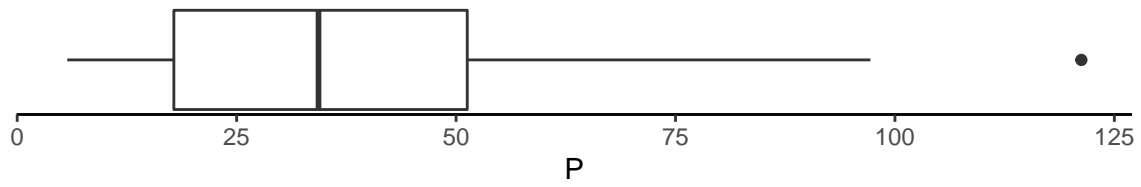


P

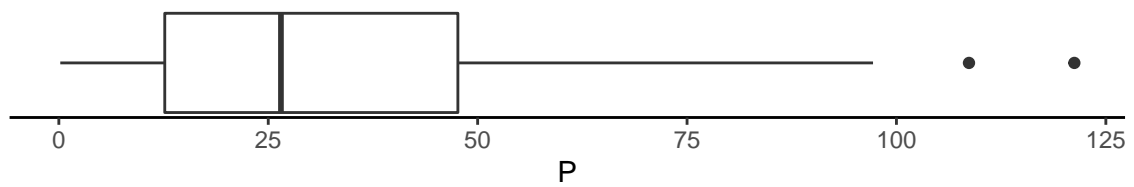
Monocultures



Polycultures

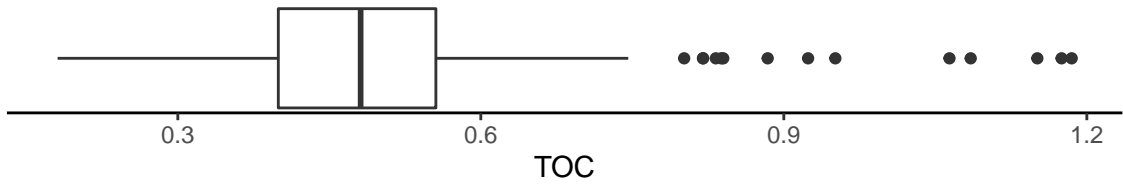


All farms

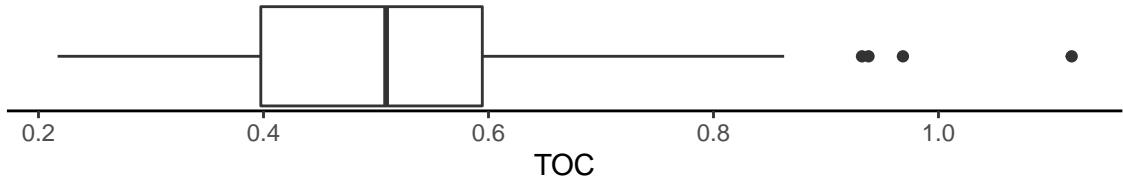


TOC

Monocultures



Polycultures

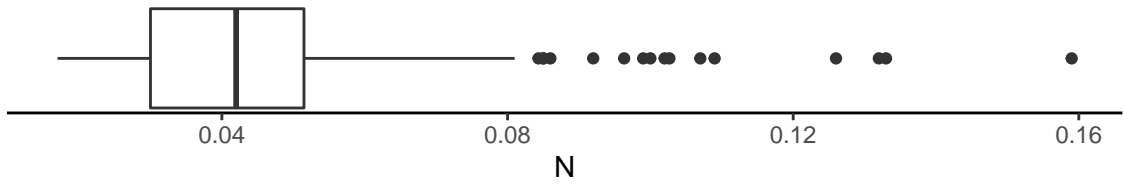


All farms

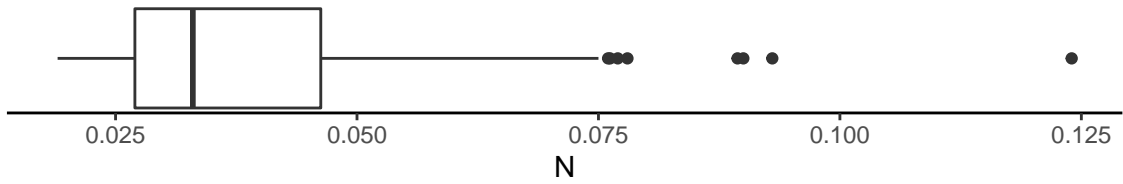


N

Monocultures



Polycultures



All farms

