

Eggplant Data Summary

Grace Pratt

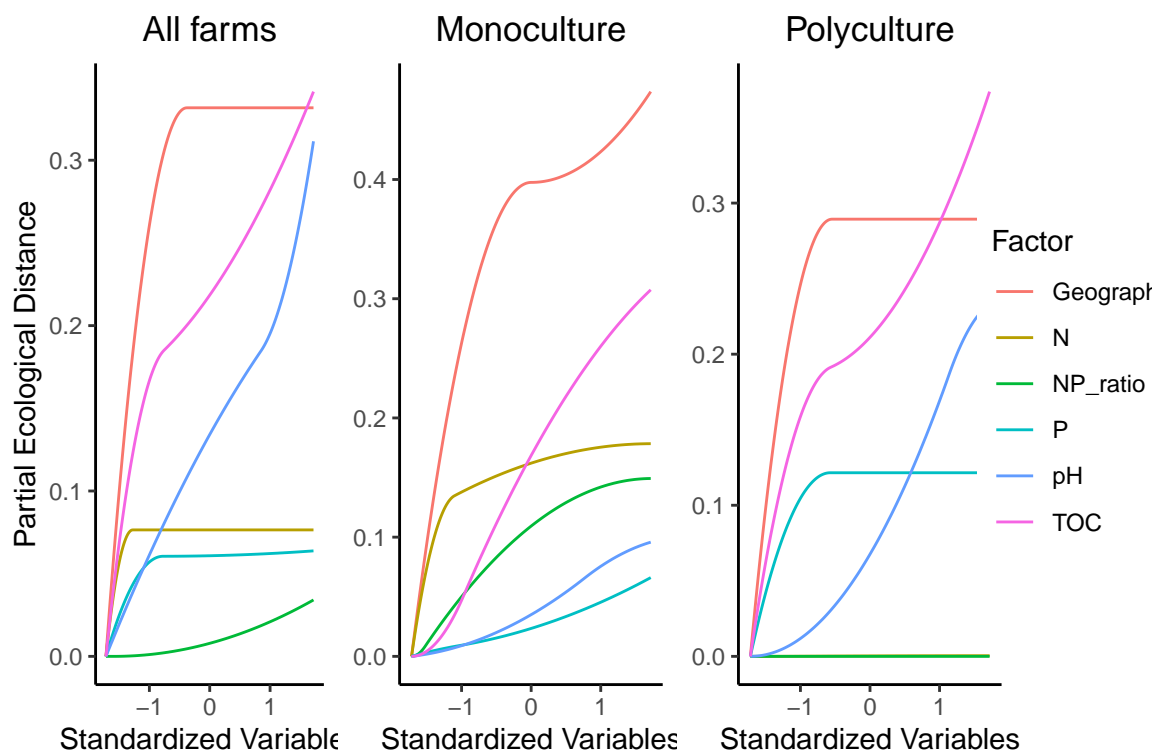
5/22/2020

ALL FUNGI

##	Predictors	Coefficients
## 1	Geographic	0.33169872
## 2	pH	0.31558702
## 3	P	0.06383058
## 4	TOC	0.34304736
## 5	N	0.07647364
## 6	NP_ratio	0.03447764
## 7	Percent Deviance Explained	40.07416460

##	Predictors	Coefficients
## 1	Geographic	0.47525279
## 2	pH	0.09608983
## 3	P	0.06661869
## 4	TOC	0.30841957
## 5	N	0.17840319
## 6	NP_ratio	0.14920165
## 7	Percent Deviance Explained	63.89519283

##	Predictors	Coefficients
## 1	Geographic	2.893546e-01
## 2	pH	2.332499e-01
## 3	P	1.215231e-01
## 4	TOC	3.761705e-01
## 5	N	4.276065e-04
## 6	NP_ratio	0.000000e+00
## 7	Percent Deviance Explained	4.727725e+01

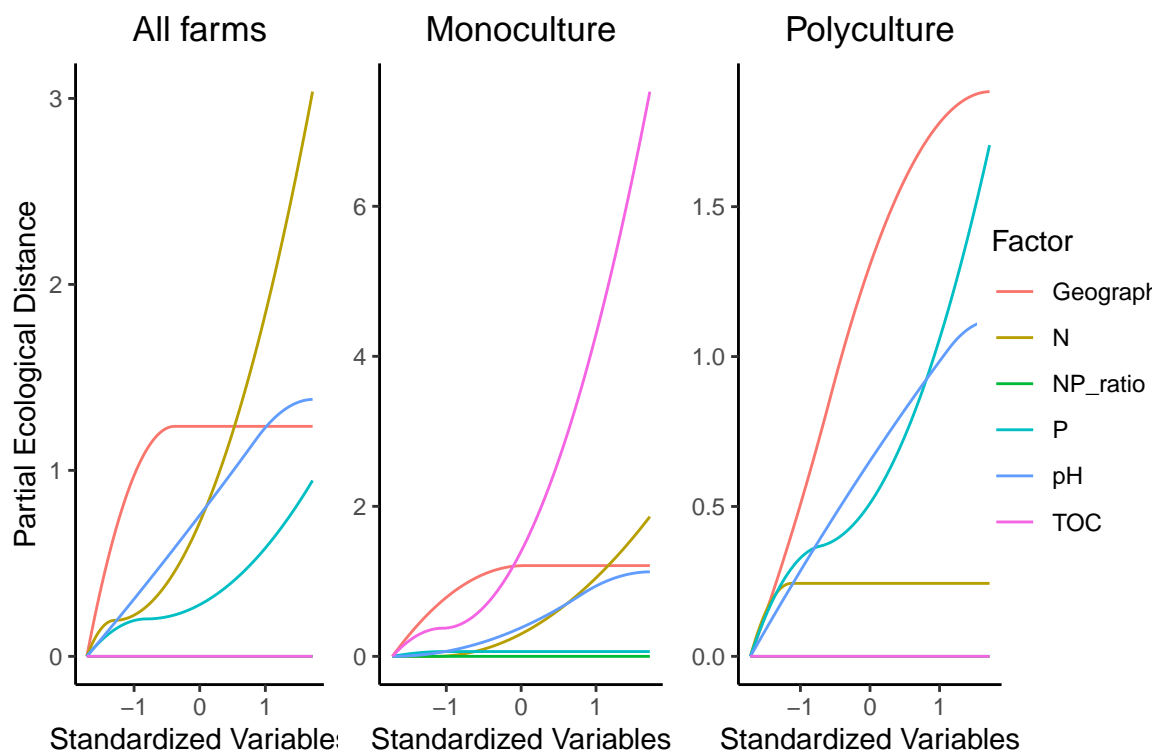


AMF FUNCTIONAL GROUP

```
##          Predictors Coefficients
## 1          Geographic  1.2367782
## 2              pH    1.3819156
## 3              P     0.9558133
## 4              TOC    0.0000000
## 5              N     3.0691521
## 6          NP_ratio    0.0000000
## 7 Percent Deviance Explained  22.8850915

##          Predictors Coefficients
## 1          Geographic  1.20982959
## 2              pH    1.12730054
## 3              P     0.06412046
## 4              TOC    7.61802794
## 5              N     1.88468079
## 6          NP_ratio    0.00000000
## 7 Percent Deviance Explained  31.77956552

##          Predictors Coefficients
## 1          Geographic  1.883742
## 2              pH    1.118495
## 3              P     1.723688
## 4              TOC    0.000000
## 5              N     0.243469
## 6          NP_ratio    0.000000
## 7 Percent Deviance Explained  28.156667
```

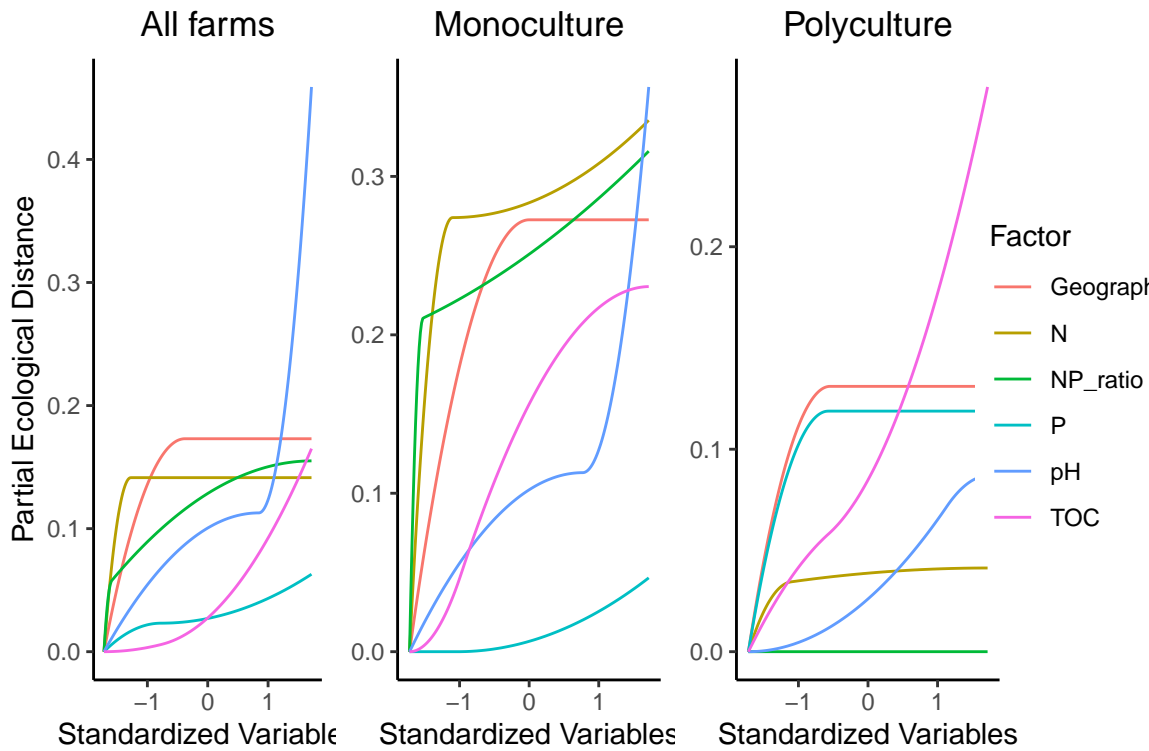


PLANT PATHOGENS

##	Predictors	Coefficients
## 1	Geographic	0.17303963
## 2	pH	0.47274494
## 3	P	0.06349895
## 4	TOC	0.16698209
## 5	N	0.14142497
## 6	NP_ratio	0.15507284
## 7	Percent Deviance Explained	18.08062300

##	Predictors	Coefficients
## 1	Geographic	0.27261366
## 2	pH	0.36540038
## 3	P	0.04719992
## 4	TOC	0.23047528
## 5	N	0.33617783
## 6	NP_ratio	0.31668991
## 7	Percent Deviance Explained	45.22521741

##	Predictors	Coefficients
## 1	Geographic	0.1310442
## 2	pH	0.0869251
## 3	P	0.1188100
## 4	TOC	0.2817226
## 5	N	0.0413368
## 6	NP_ratio	0.0000000
## 7	Percent Deviance Explained	18.6587415

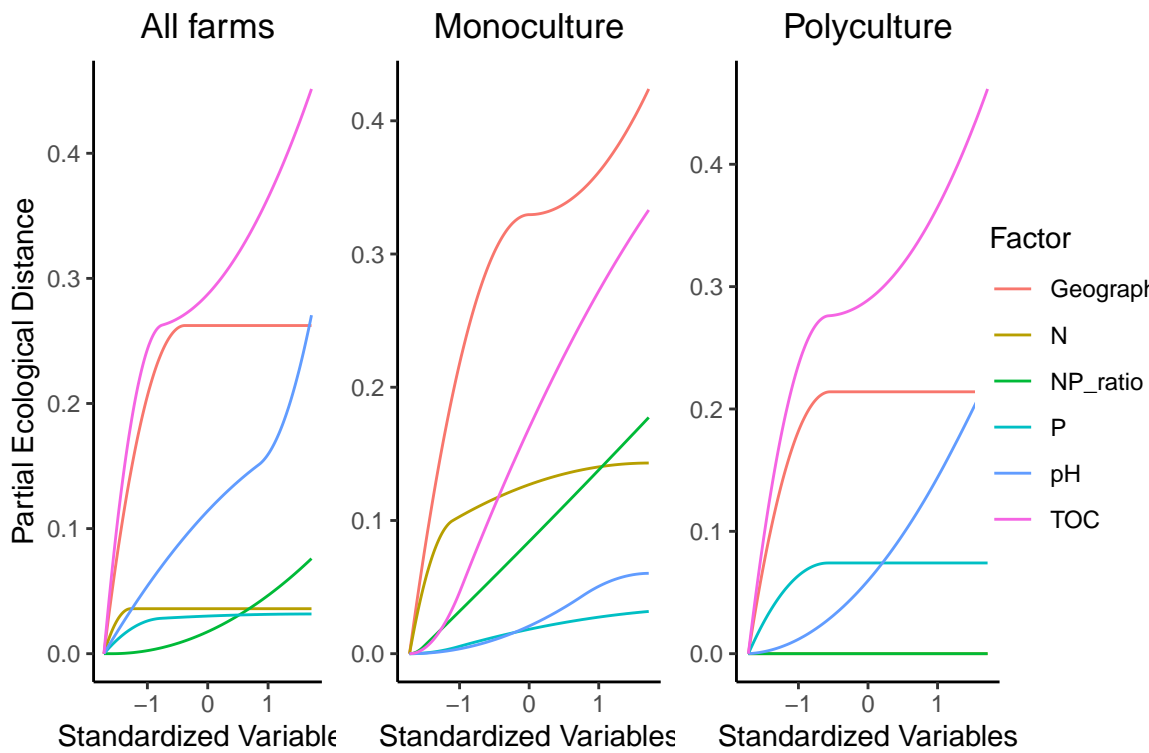


SAPROTROPHS

##	Predictors	Coefficients
## 1	Geographic	0.26232202
## 2	pH	0.27471883
## 3	P	0.03174317
## 4	TOC	0.45382871
## 5	N	0.03596275
## 6	NP_ratio	0.07680851
## 7	Percent Deviance Explained	31.73940496

##	Predictors	Coefficients
## 1	Geographic	0.42580132
## 2	pH	0.06034367
## 3	P	0.03179665
## 4	TOC	0.33436918
## 5	N	0.14312819
## 6	NP_ratio	0.17827246
## 7	Percent Deviance Explained	55.70667021

##	Predictors	Coefficients
## 1	Geographic	0.21403226
## 2	pH	0.22678401
## 3	P	0.07414201
## 4	TOC	0.46429541
## 5	N	0.00000000
## 6	NP_ratio	0.00000000
## 7	Percent Deviance Explained	38.69539243

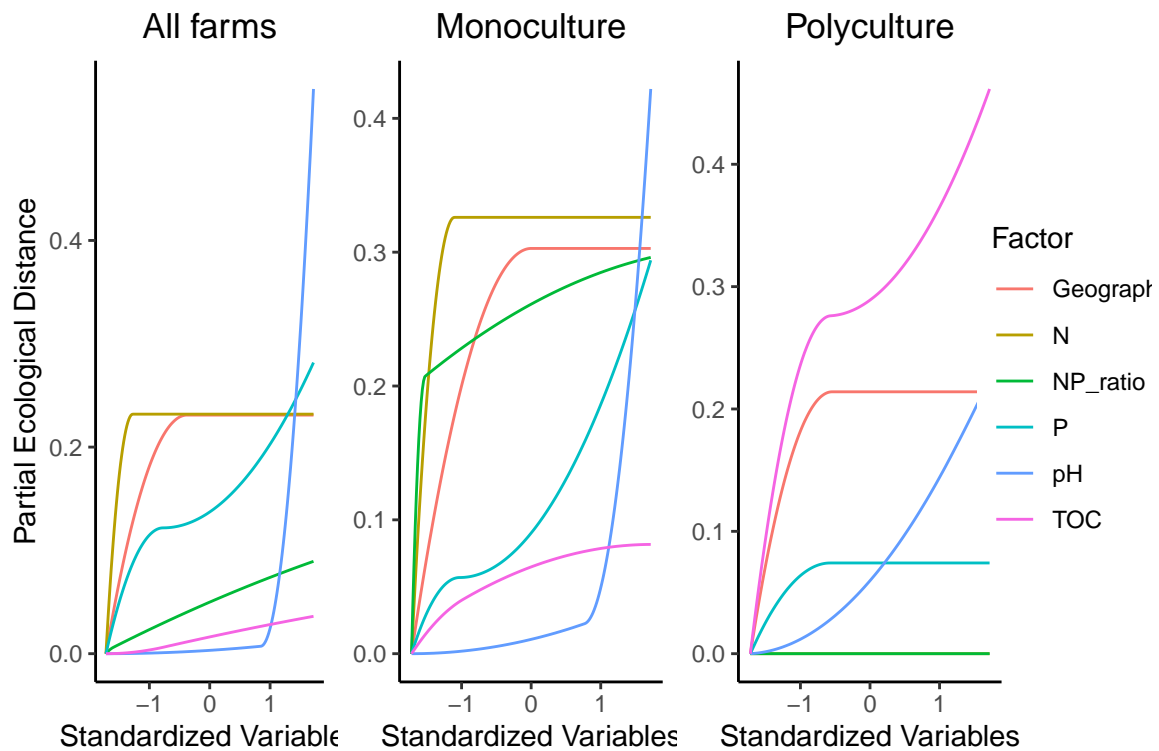


FUNGAL PARASITE

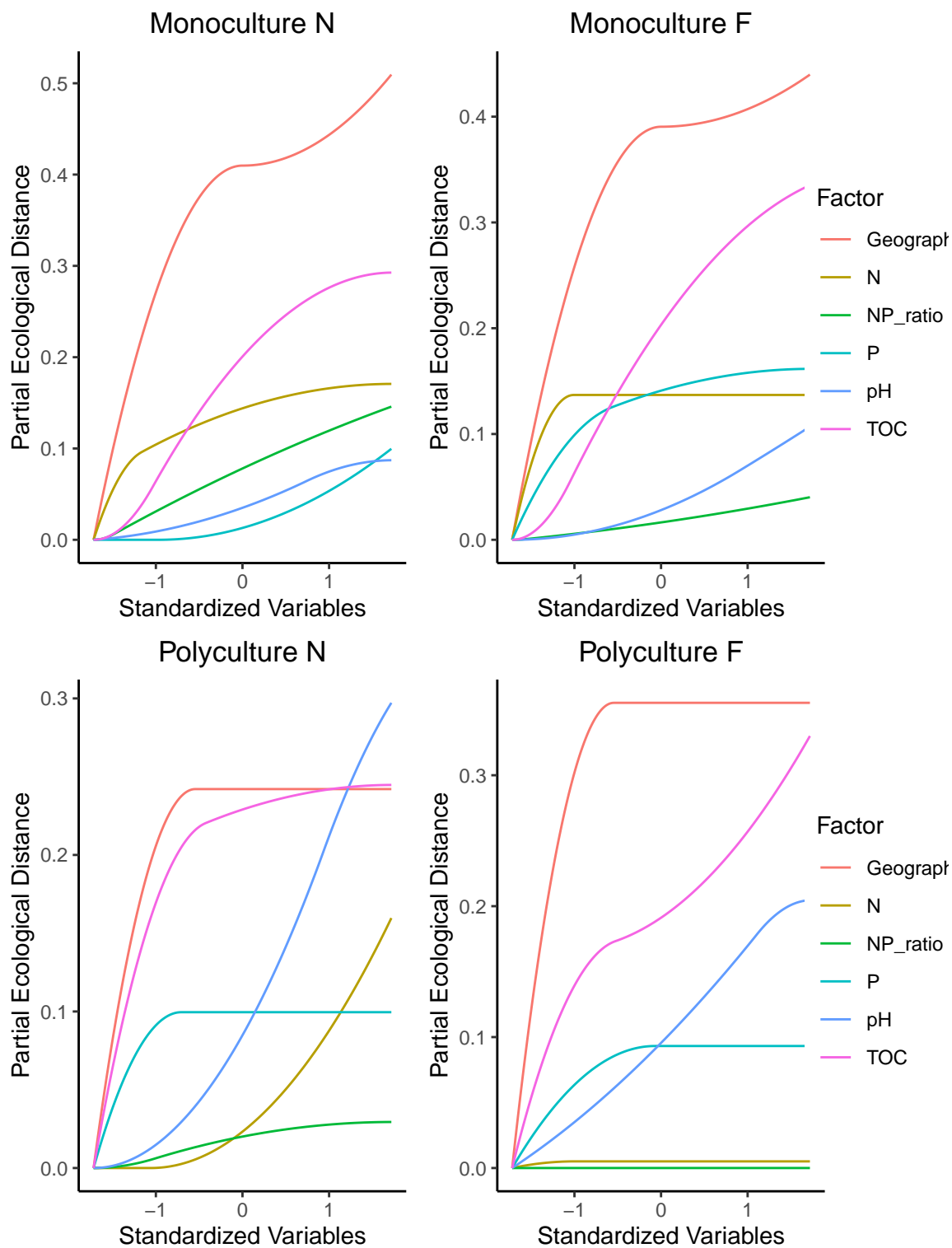
```
## Predictors Coefficients
## 1 Geographic 0.23097088
## 2 pH 0.56814033
## 3 P 0.28403666
## 4 TOC 0.03635634
## 5 N 0.23186113
## 6 NP_ratio 0.08975036
## 7 Percent Deviance Explained 17.91610620
```

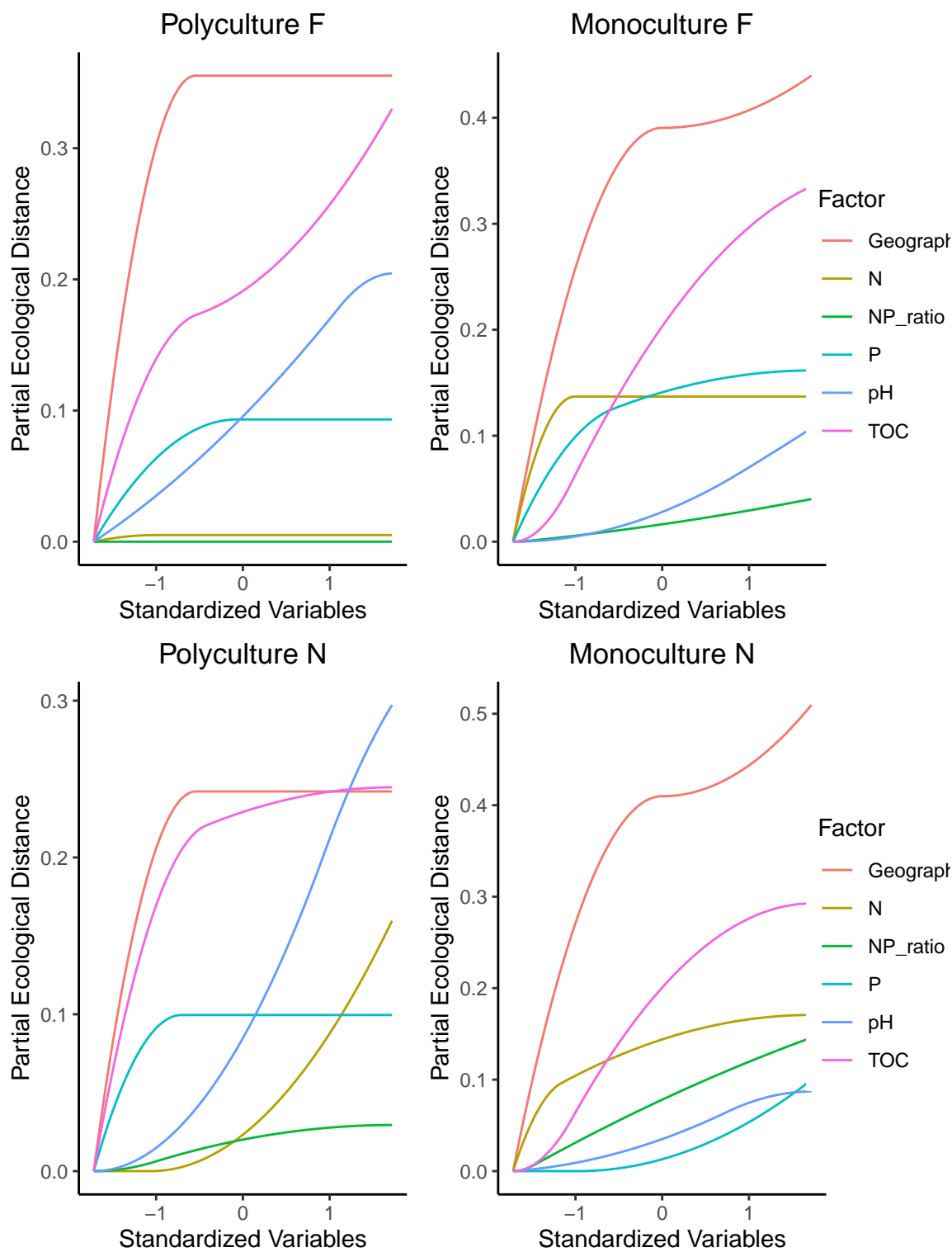
```
## Predictors Coefficients
## 1 Geographic 0.30280038
## 2 pH 0.43630198
## 3 P 0.29692870
## 4 TOC 0.08163616
## 5 N 0.32603574
## 6 NP_ratio 0.29629935
## 7 Percent Deviance Explained 36.39304479
```

```
## Predictors Coefficients
## 1 Geographic 0.18866106
## 2 pH 0.15598472
## 3 P 0.16703628
## 4 TOC 0.24263087
## 5 N 0.08973029
## 6 NP_ratio 0.00000000
## 7 Percent Deviance Explained 15.42002246
```

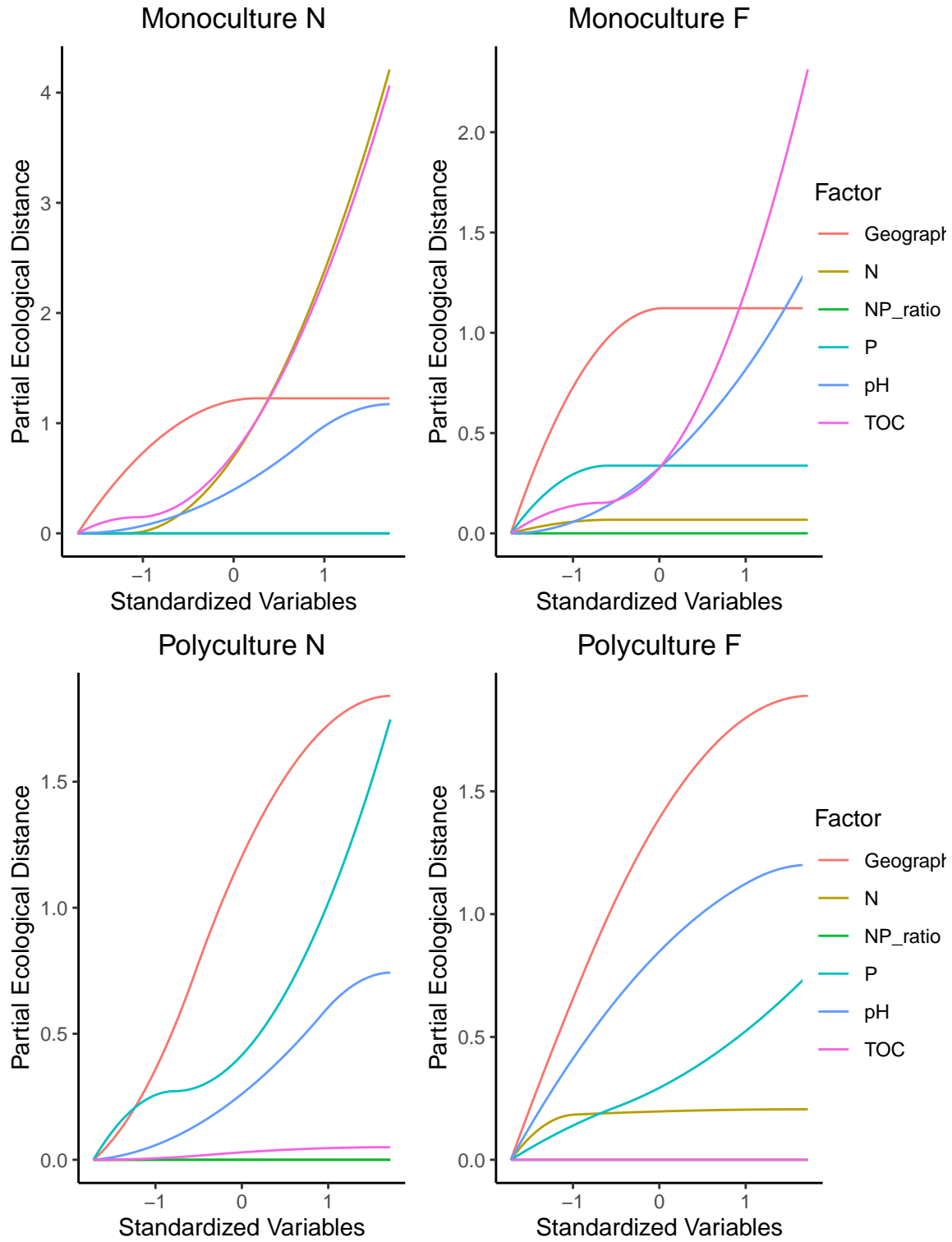


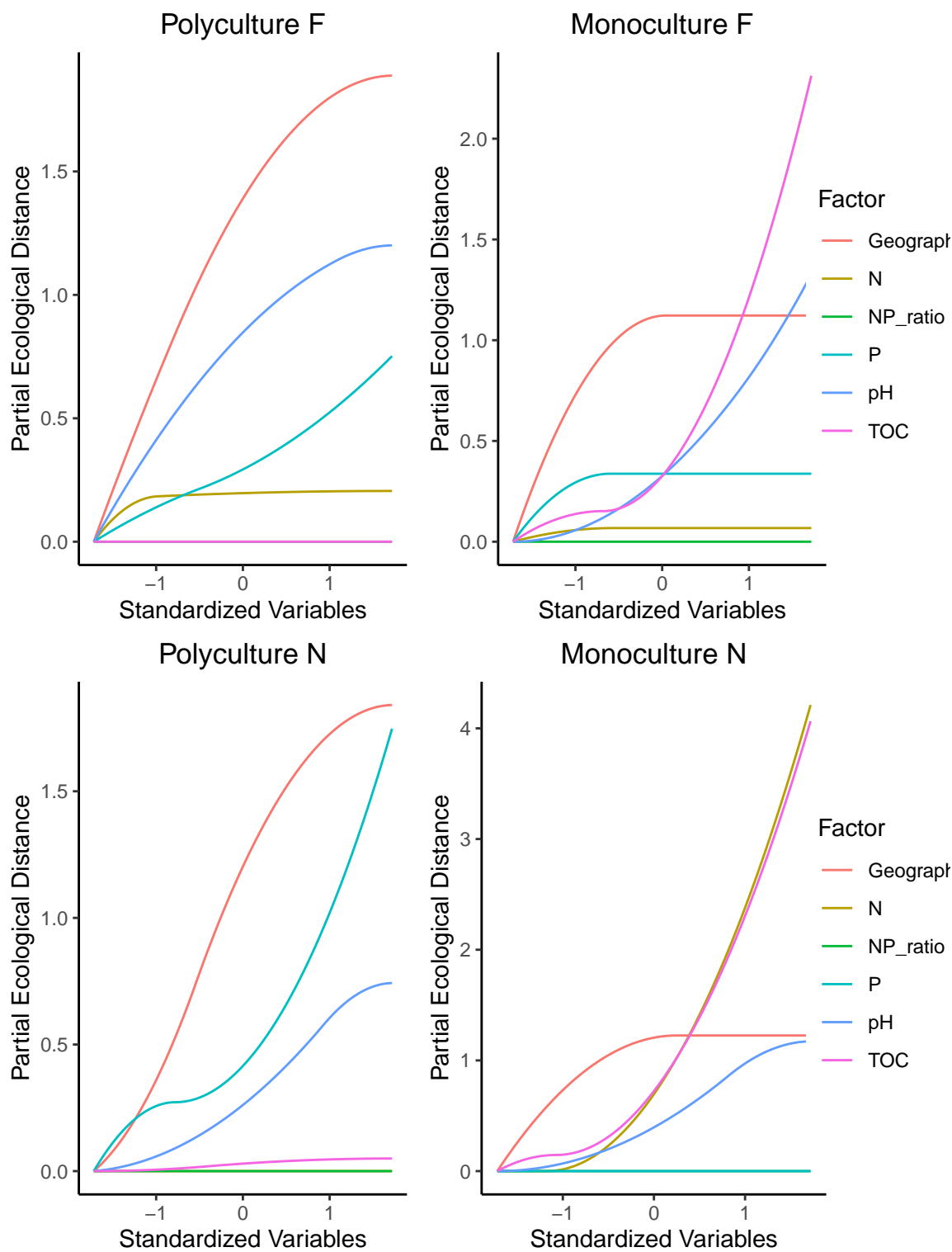
All Fungi FTBL Groups





AMF FTBL Groups

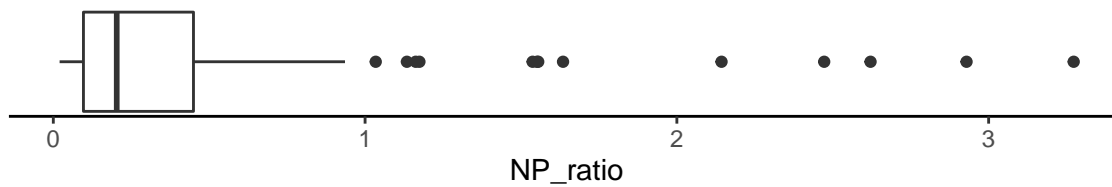




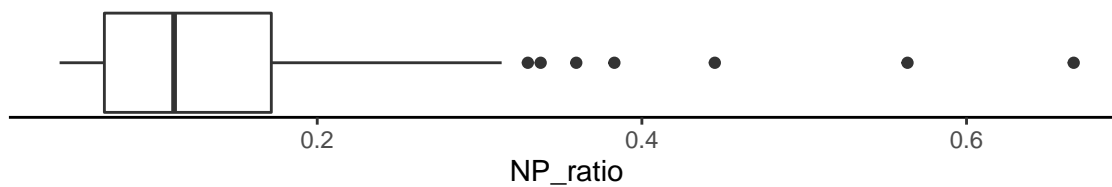
Box Plots of environmental range

NP Ratio

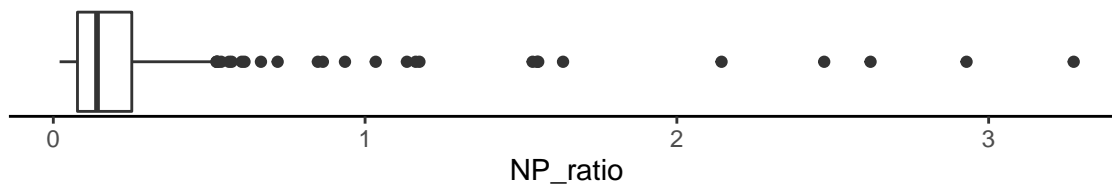
Monocultures



Polycultures

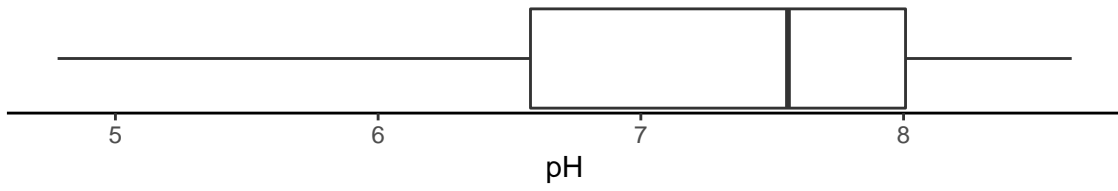


All farms

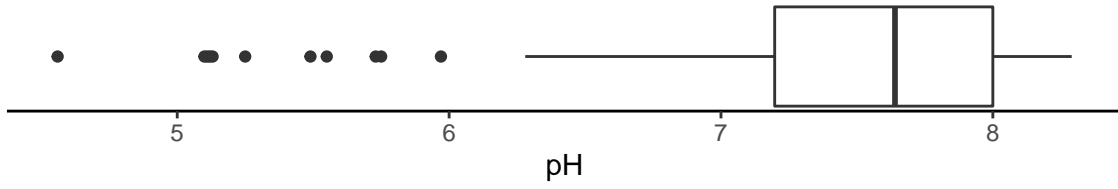


pH

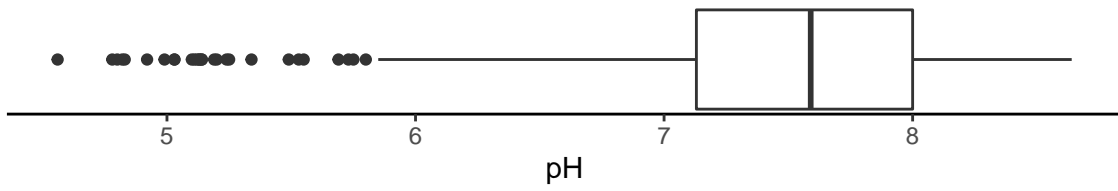
Monocultures



Polycultures

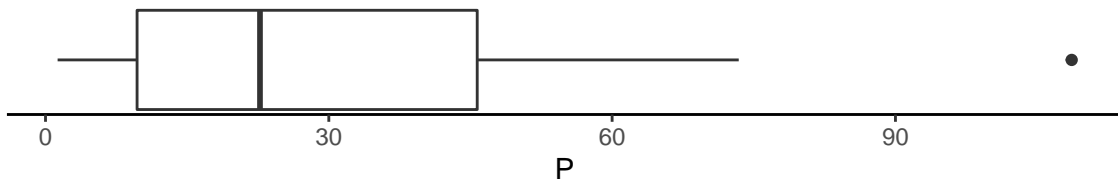


All farms

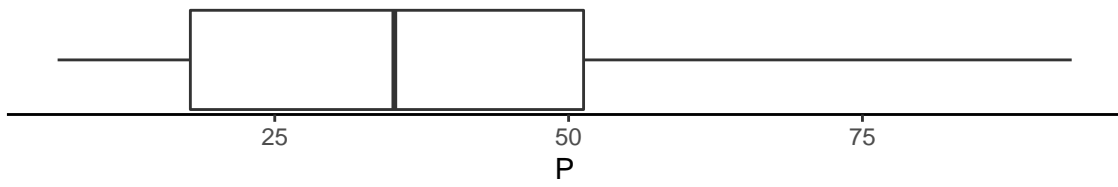


P

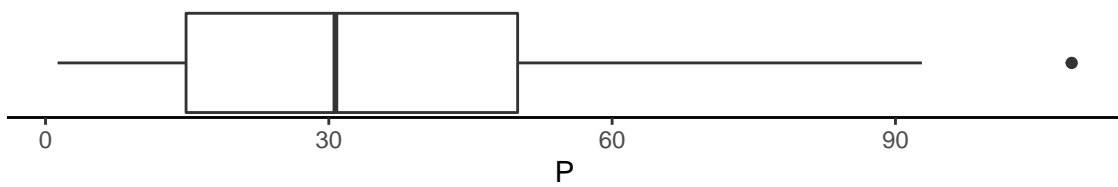
Monocultures



Polycultures

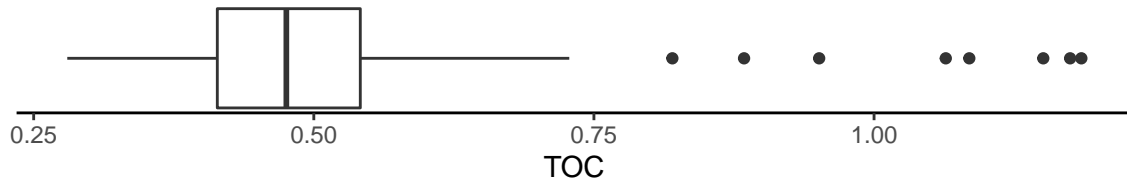


All farms

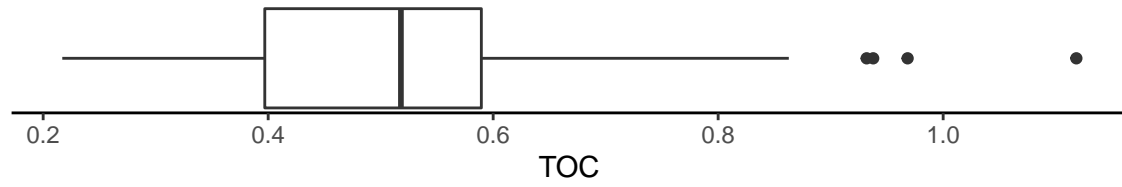


TOC

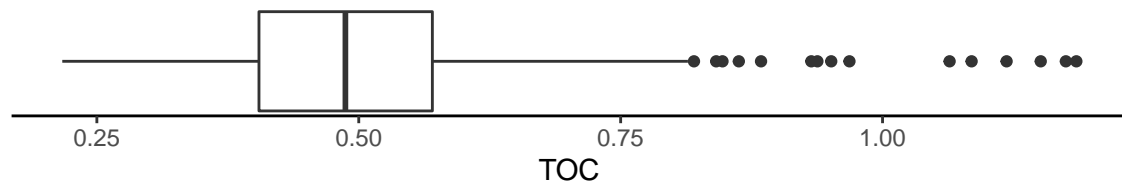
Monocultures



Polycultures

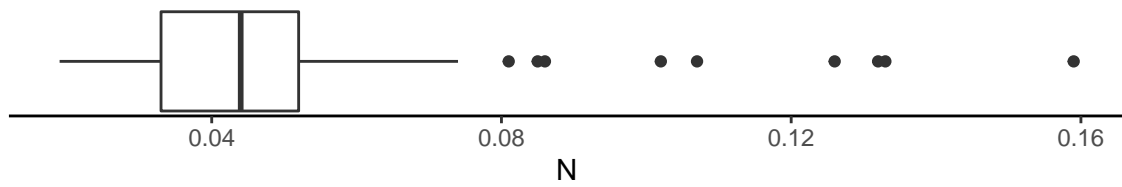


All farms

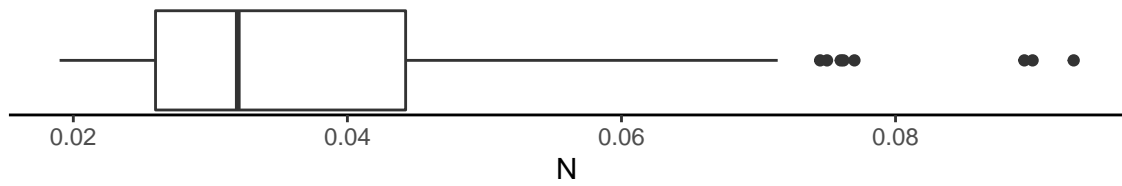


N

Monocultures



Polycultures



All farms

