

Appendix 1 (different decision trees)

Tree 1

Regressor: Diet

Predicted variable: mean annual precipitation

Necessary variables:

NDIET = Number of different all dietary scorings

DIETF = Number of fruit eaters

DIETO = Number of omnivores

DIETG = Number of grazers

DIETB = Number of browsers

DIETM = Number of mixed feeders

pDIETF = Percentage of fruit eaters

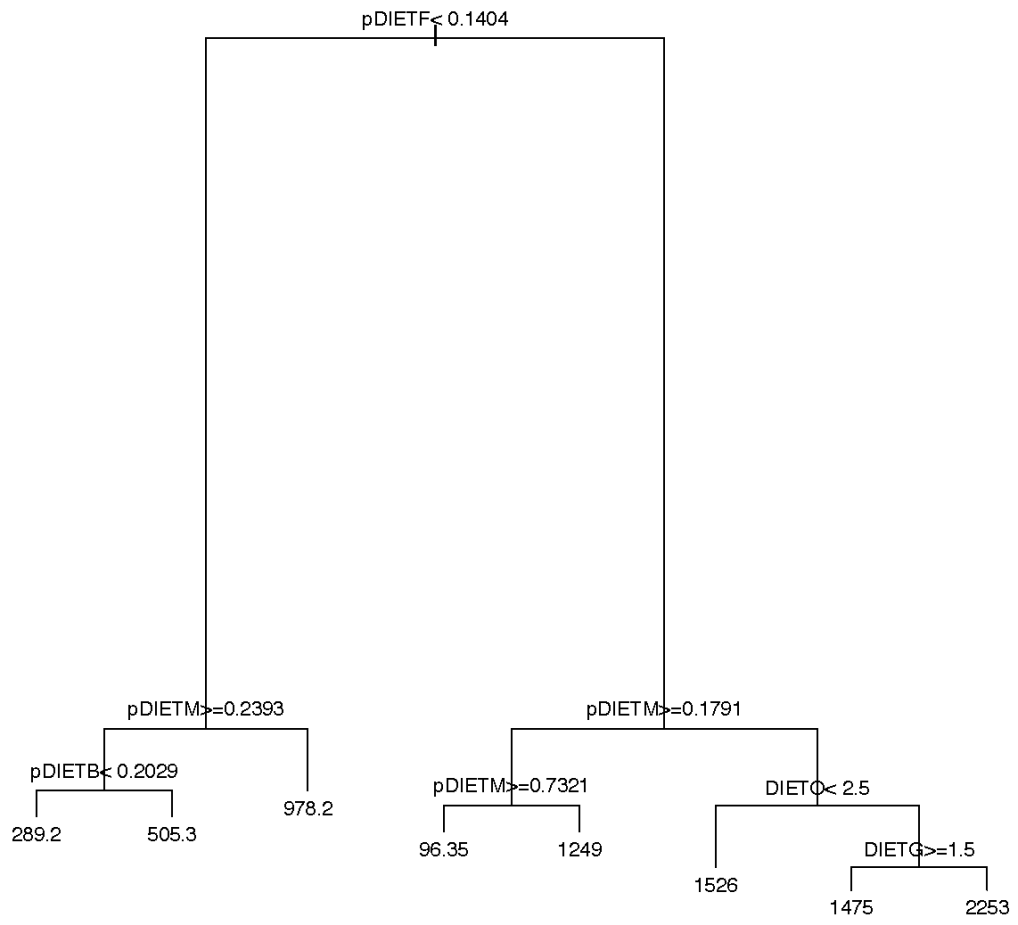
pDIETO = Percentage of omnivores

pDIETG = Percentage of grazers

pDIETB = Percentage of browsers

pDIETM = Percentage of mixed feeders

bio12 ~ D



Tree 2

Regressors: Diet and tooth crown height

Predicted variable: mean annual precipitation

Necessary variables:

NDIET = Number of different all dietary scorings

DIETF = Number of fruit eaters

DIETO = Number of omnivores

DIETG = Number of grazers

DIETB = Number of browsers

DIETM = Number of mixed feeders

pDIETF = Percentage of fruit eaters

pDIETO = Percentage of omnivores

pDIETG = Percentage of grazers

pDIETB = Percentage of browsers

pDIETM = Percentage of mixed feeders

NHYP = Number of species with hypsodonty data

NHYP1 = Number of low crowned species

NHYP2 = Number of medium high crowned species

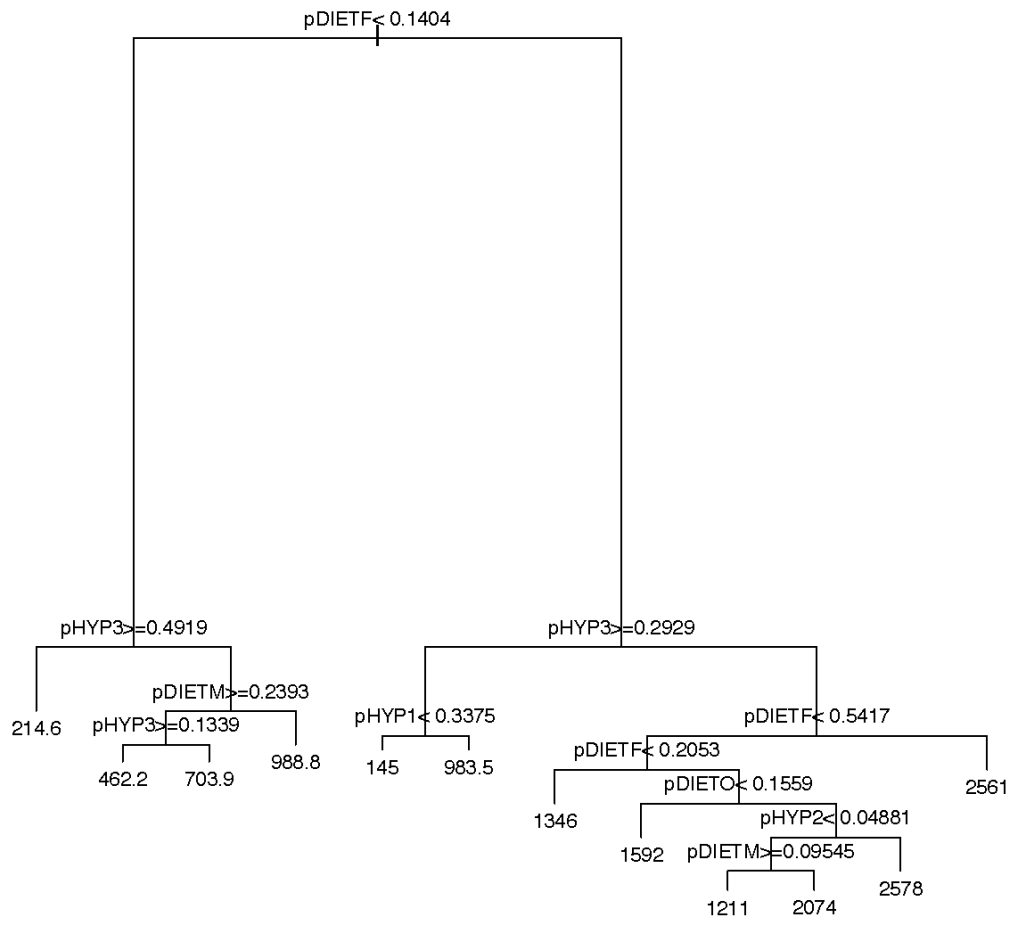
NHYP3 = Number of high crowned taxa

pHYP1 = Percentage of low crowned species

pHYP2 = Percentage of medium high crowned species

pHYP3 = Percentage of high crowned taxa

bio12 ~ D+H



Tree 3

Regressors: Tooth crown height

Predicted variable: wettest quarter (3 month) precipitation

Necessary variables:

NHYP = Number of species with hypsodonty data

NHYP1 = Number of low crowned species

NHYP2 = Number of medium high crowned species

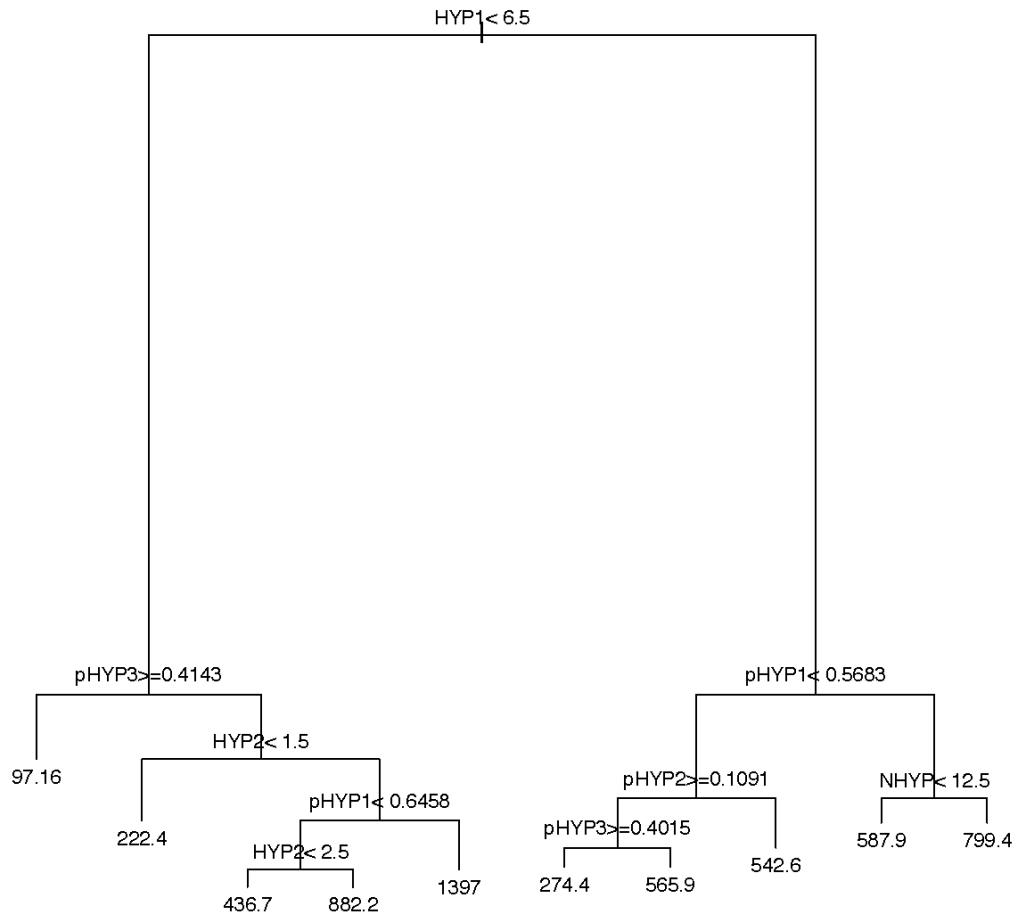
NHYP3 = Number of high crowned taxa

pHYP1 = Percentage of low crowned species

pHYP2 = Percentage of medium high crowned species

pHYP3 = Percentage of high crowned taxa

highest_qt_prec ~ H



Tree 4

Regressors: Diet

Predicted variable: wettest quarter (3 month) precipitation

Necessary variables:

NDIET = Number of different all dietary scorings

DIETF = Number of fruit eaters

DIETO = Number of omnivores

DIETG = Number of grazers

DIETB = Number of browsers

DIETM = Number of mixed feeders

pDIETF = Percentage of fruit eaters

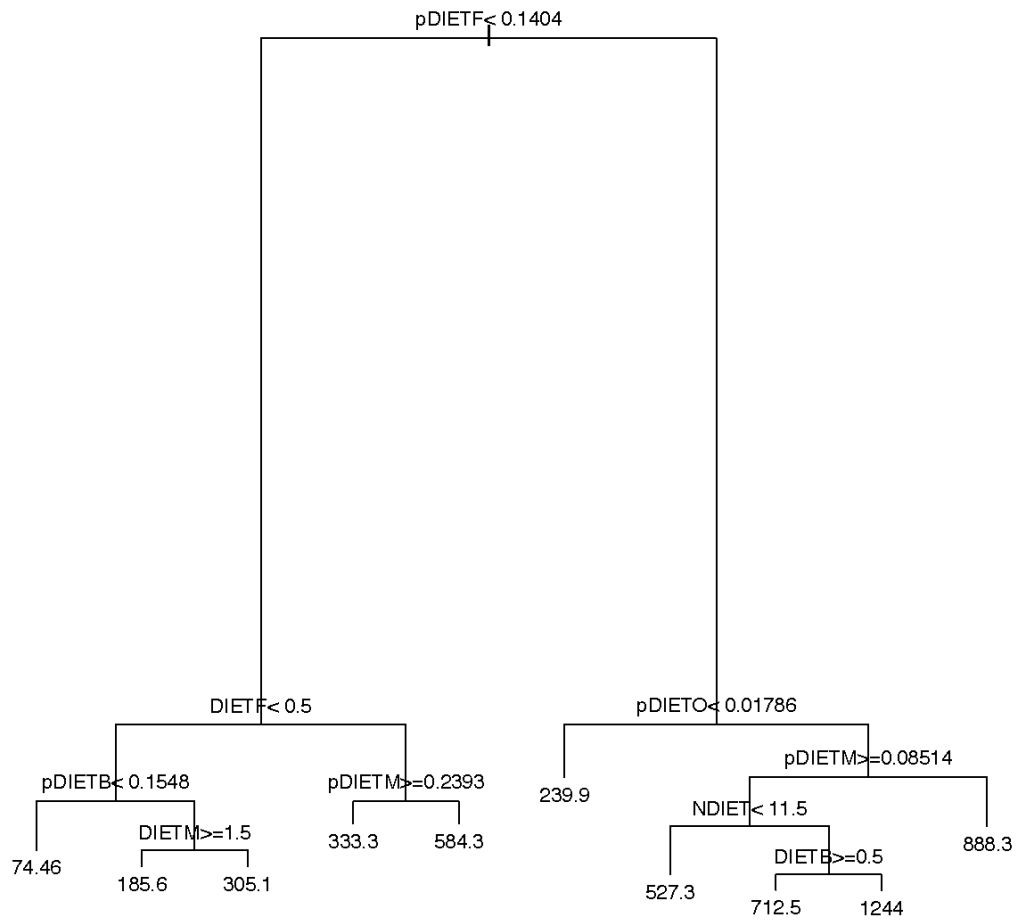
pDIETO = Percentage of omnivores

pDIETG = Percentage of grazers

pDIETB = Percentage of browsers

pDIETM = Percentage of mixed feeders

highest_qt_prec ~ D



Tree 5

Regressors: Diet and Tooth crown height

Predicted variable: wettest quarter (3 month) precipitation

Necessary variables:

NDIET = Number of different all dietary scorings

DIETF = Number of fruit eaters

DIETO = Number of omnivores

DIETG = Number of grazers

DIETB = Number of browsers

DIETM = Number of mixed feeders

pDIETF = Percentage of fruit eaters

pDIETO = Percentage of omnivores

pDIETG = Percentage of grazers

pDIETB = Percentage of browsers

pDIETM = Percentage of mixed feeders

NHYP = Number of species with hypsodonty data

NHYP1 = Number of low crowned species

NHYP2 = Number of medium high crowned species

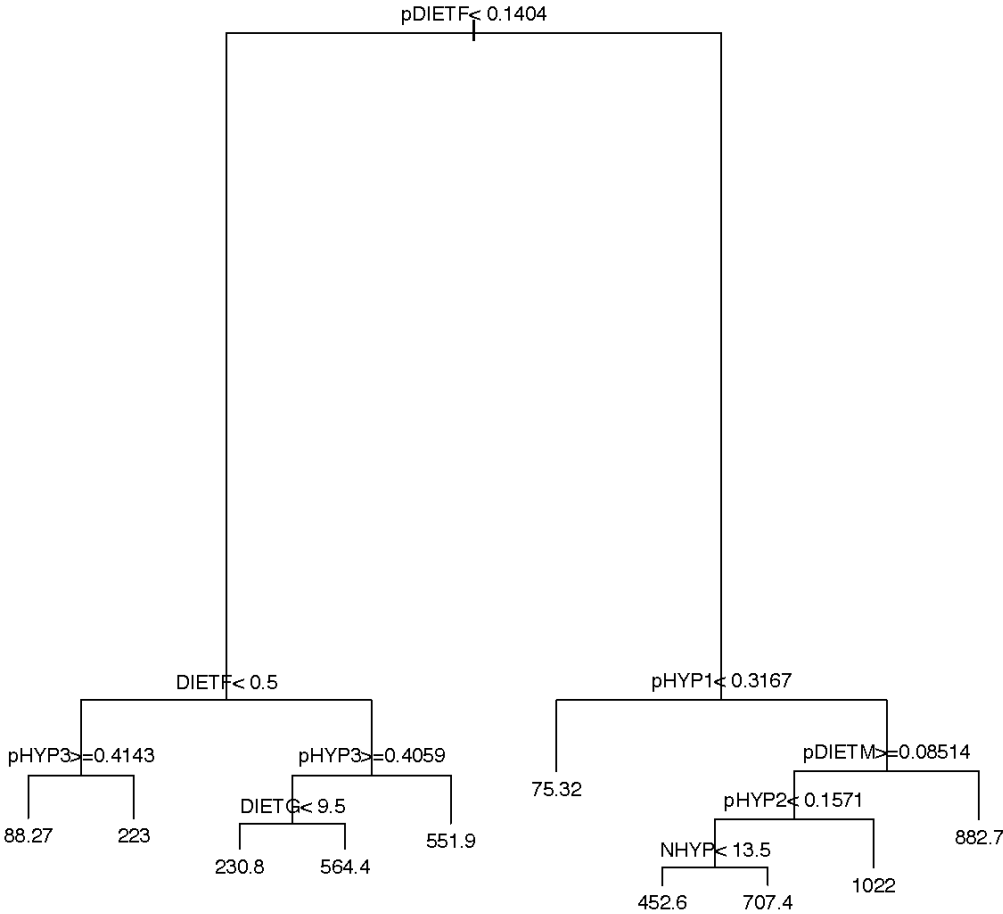
NHYP3 = Number of high crowned taxa

pHYP1 = Percentage of low crowned species

pHYP2 = Percentage of medium high crowned species

pHYP3 = Percentage of high crowned taxa

highest_qt_prec ~ D+H



Tree 6

Regressors: Tooth crown height

Predicted variable: Driest quarter (3 month) precipitation

Necessary variables:

NHYP = Number of species with hypsodonty data

NHYP1 = Number of low crowned species

NHYP2 = Number of medium high crowned species

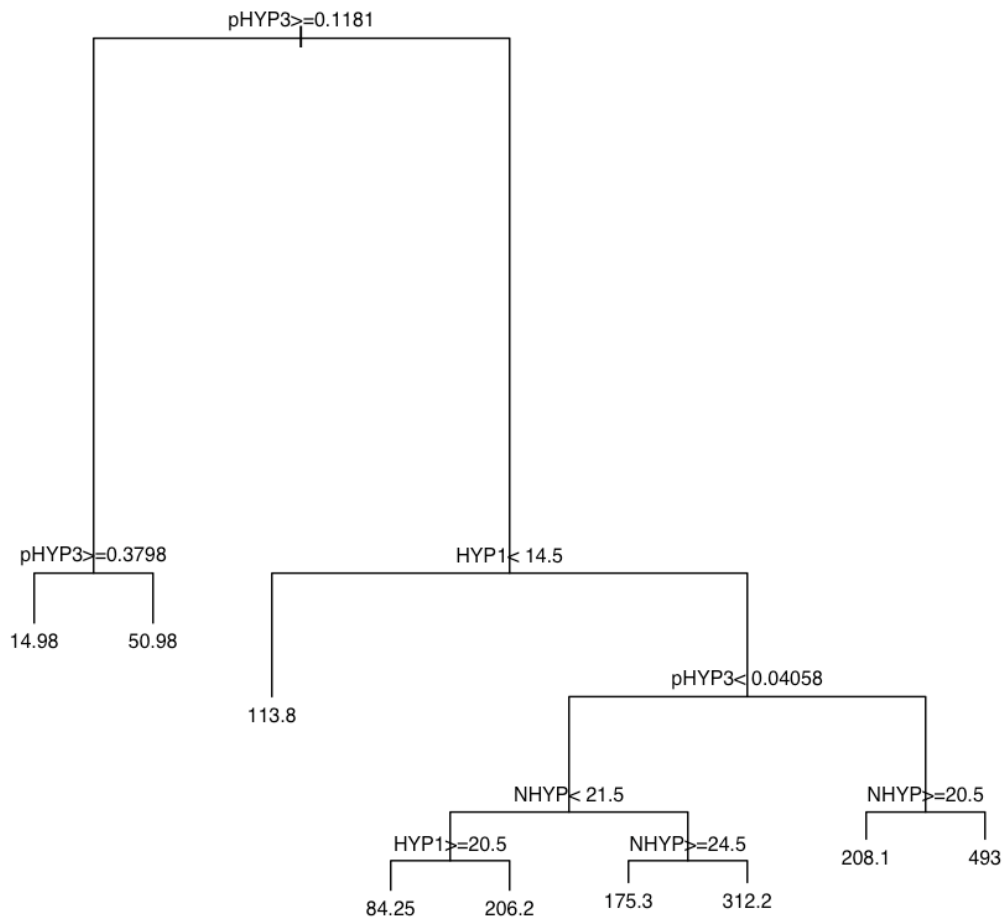
NHYP3 = Number of high crowned taxa

pHYP1 = Percentage of low crowned species

pHYP2 = Percentage of medium high crowned species

pHYP3 = Percentage of high crowned taxa

lowest_qt_prec ~ H



Tree 7

Regressors: Diet

Predicted variable: Driest quarter (3 month) precipitation

Necessary variables:

NDIET = Number of different all dietary scorings

DIETF = Number of fruit eaters

DIETO = Number of omnivores

DIETG = Number of grazers

DIETB = Number of browsers

DIETM = Number of mixed feeders

pDIETF = Percentage of fruit eaters

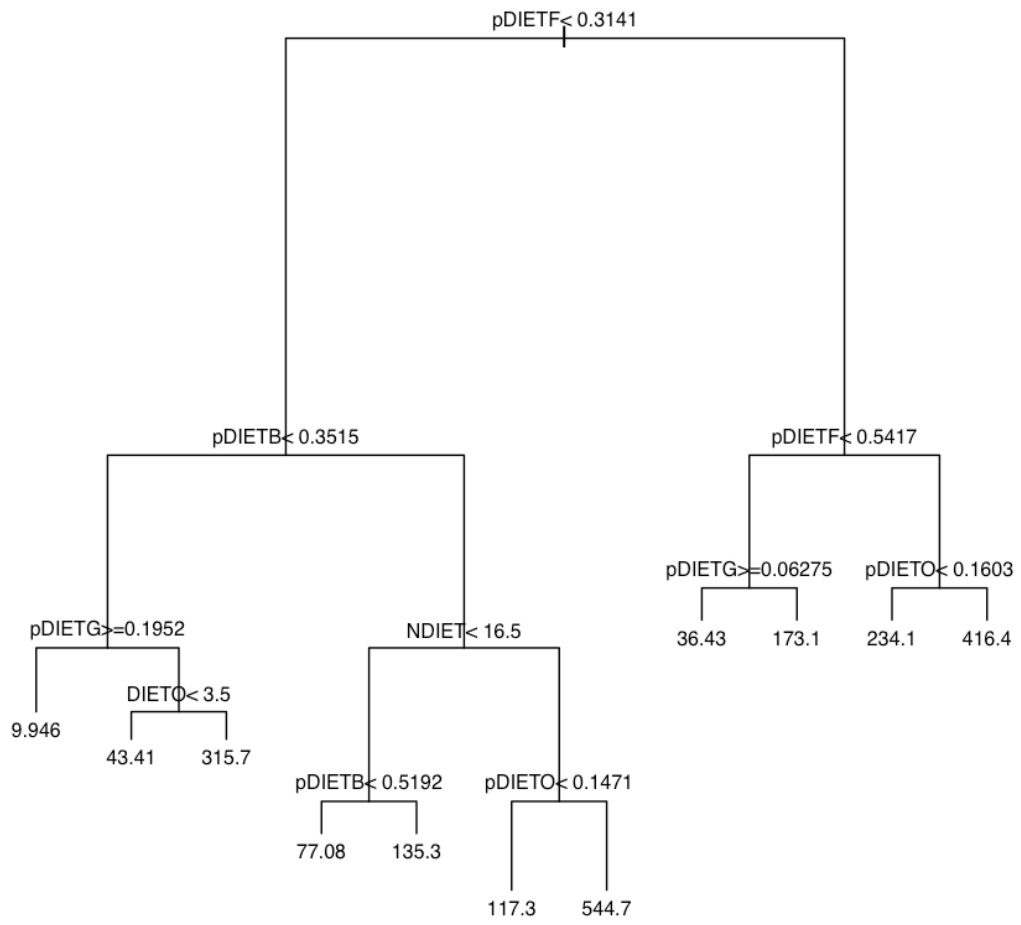
pDIETO = Percentage of omnivores

pDIETG = Percentage of grazers

pDIETB = Percentage of browsers

pDIETM = Percentage of mixed feeders

lowest_qt_prec ~ D



Tree 8

Regressors: Diet and Tooth crown height

Predicted variable: Driest quarter (3 month) precipitation

Necessary variables:

NDIET = Number of different all dietary scorings

DIETF = Number of fruit eaters

DIETO = Number of omnivores

DIETG = Number of grazers

DIETB = Number of browsers

DIETM = Number of mixed feeders

pDIETF = Percentage of fruit eaters

pDIETO = Percentage of omnivores

pDIETG = Percentage of grazers

pDIETB = Percentage of browsers

pDIETM = Percentage of mixed feeders

NHYP = Number of species with hypsodonty data

NHYP1 = Number of low crowned species

NHYP2 = Number of medium high crowned species

NHYP3 = Number of high crowned taxa

pHYP1 = Percentage of low crowned species

pHYP2 = Percentage of medium high crowned species

pHYP3 = Percentage of high crowned taxa

lowest_qt_prec ~ D+H

