Selected results of Recursive Partitioning Tree

```
Confusion Matrix and Statistics

      predictions
          0     1
 0  56736   1108
 1   4701   7944

               Accuracy : 0.9176
                 95% CI : (0.9155, 0.9196)
    No Information Rate : 0.8716
    P-Value [Acc > NIR] : < 2.2e-16

                  Kappa : 0.6851
 Mcnemar's Test P-Value : < 2.2e-16

            Sensitivity : 0.9235
            Specificity : 0.8776
         Pos Pred Value : 0.9808
         Neg Pred Value : 0.6282
             Prevalence : 0.8716
         Detection Rate : 0.8049
   Detection Prevalence : 0.8206
      Balanced Accuracy : 0.9005

       'Positive' Class : 0
```
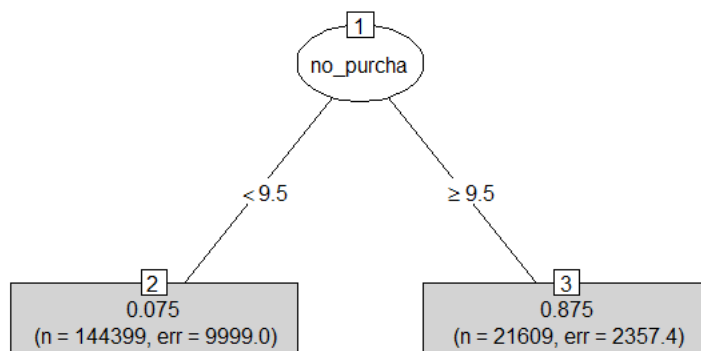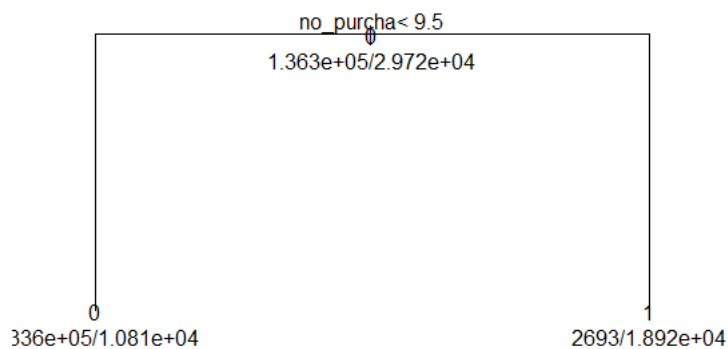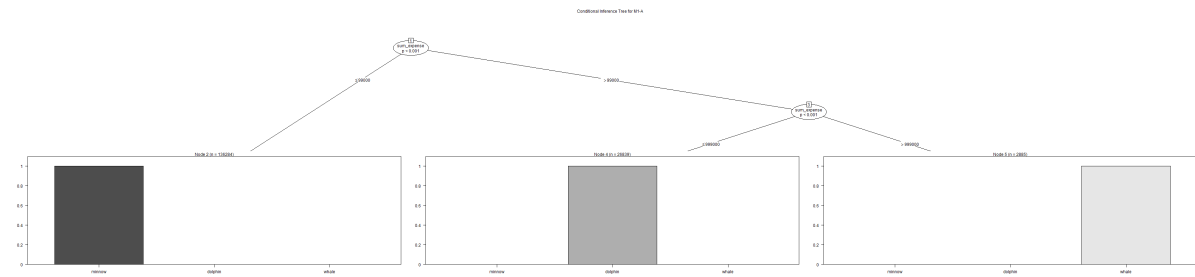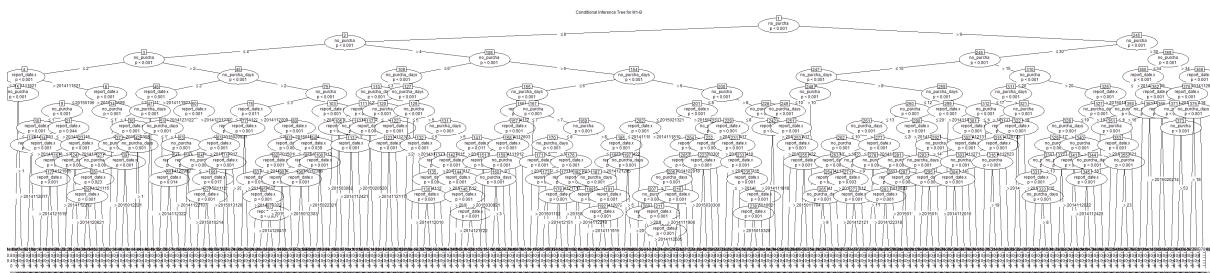
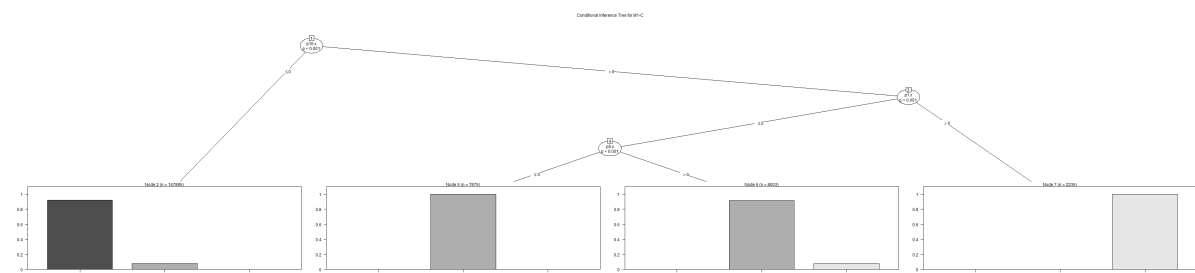# Selected Conditional Inference Tree (final_hero3)
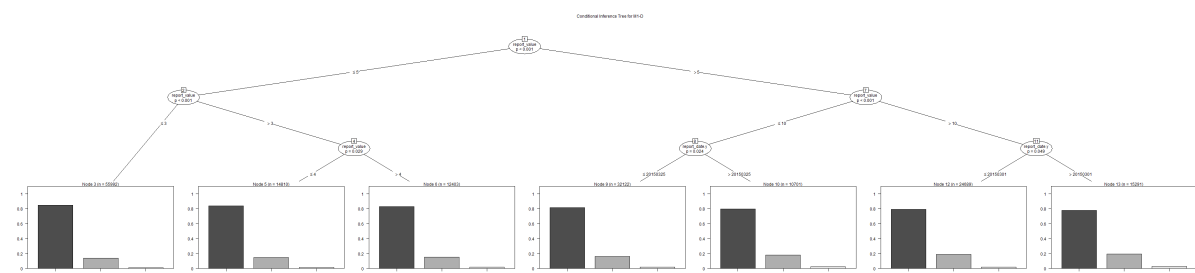
Model A

Model B (This model is not good, since too many attributes and difficult to identify dolphin users).

Model C

Model D

Logit for M1B

ROC Curve

```
                 [,1]
sensitivity 0.5504979
specificity 0.5243389
cutoff      0.1726638
```


Logit for M1B

ROC Curve