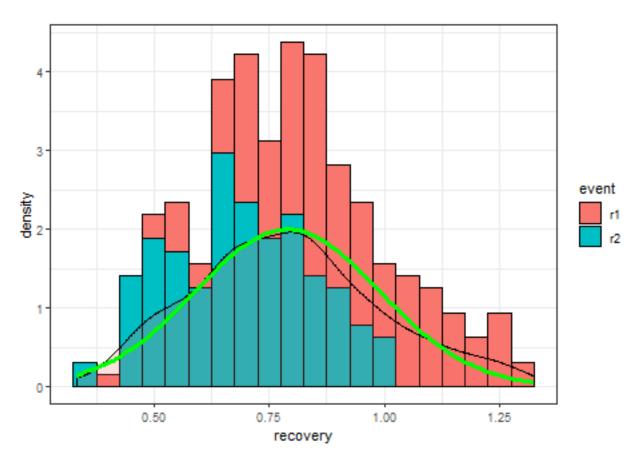
## Recovery\_Analysis

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8/10/2019



```
##
                         sd
         mean
                    0.202778505
     0.789570071
##
    (0.012673657) (0.008961629)
## boundary (singular) fit: see ?isSingular
rcv.mod.names <- c("recov.null","recov.spp", "recov.treat", "recov.phot", "recov.add", "recov.add2", "r</pre>
rcv.mods <- list( )</pre>
for(i in 1:length(rcv.mod.names)) {
```

```
rcv.mods[[i]] <- get(rcv.mod.names[i]) }</pre>
print(aictab(cand.set = rcv.mods,
             modnames = rcv.mod.names))
## Model selection based on AICc:
##
##
               K
                     AICc Delta_AICc AICcWt Cum.Wt Res.LL
                           0.00
                                       0.98
                                              0.98 135.87
## recov.spp
              11 -248.65
## recov.add 12 -240.55
                               8.10
                                       0.02 1.00 132.92
## recov.int 19 -217.65
                               31.00
                                       0.00
                                             1.00 129.43
## recov.null 4 -124.02
                              124.63 0.00
                                             1.00 66.09
## recov.phot 5 -123.90
                              124.75
                                       0.00
                                              1.00 67.07
## recov.treat 5 -116.42
                              132.23
                                       0.00
                                               1.00 63.33
## recov.add2
               6 -116.27
                              132.39
                                       0.00
                                               1.00 64.30
## recov.int2
              7 -110.40
                              138.25
                                       0.00
                                               1.00 62.42
#Get parameter estimates averaged top models
rcv.mod.names.top <- c("recov.spp", "recov.add")</pre>
rcv.mods.top <- list( )</pre>
     for(i in 1:length(rcv.mod.names.top)) {
  rcv.mods.top[[i]] <- get(rcv.mod.names.top[i]) }</pre>
rcv.terms <- c("speciesAGCR", "speciesAGST", "speciesBODA", "speciesBOGR",
                   "speciesCYDA", "speciesPAVI", "speciesSCAR",
                   "speciesTHIN", "trtT" )
        rcv.av.params <- as.data.frame(array(NA,c(length(rcv.terms),4)))</pre>
        colnames(rcv.av.params)<-c("term","estimate","ciL","ciU")</pre>
       for(i in 1:length(rcv.terms)) {
        rcv.av <- modavg(parm = paste(rcv.terms[i]),</pre>
                     cand.set = rcv.mods.top,
                     modnames = rcv.mod.names.top)
            rcv.av.params[i,1] <- rcv.terms[i]</pre>
            rcv.av.params[i,2] <- round(rcv.av$Mod.avg.beta, 2)</pre>
            rcv.av.params[i,3] <- round(rcv.av$Lower.CL, 3)
            rcv.av.params[i,4] <- round(rcv.av$Upper.CL, 3) }</pre>
       rcv.av.params
            term estimate
                             ciL
## 1 speciesAGCR
                     1.04 0.974 1.100
## 2 speciesAGST
                     0.84 0.777 0.903
## 3 speciesBODA
                     0.82 0.759 0.885
## 4 speciesBOGR
                     0.83 0.771 0.896
## 5 speciesCYDA
                     0.62 0.555 0.681
## 6 speciesPAVI
                     0.78 0.713 0.839
                     0.79 0.724 0.850
## 7 speciesSCAR
## 8 speciesTHIN
                     0.63 0.563 0.689
            trtT
                     0.01 -0.017 0.042
rcv.av.params$term <- factor(rcv.av.params$term,
                             levels=c("speciesCYDA", "speciesPAVI",
                                       "speciesBODA", "speciesBOGR",
                                       "speciesTHIN", "speciesSCAR", "speciesAGST",
```

