RF\_int <- Pred

Ytest <- Act

Negative <- Neg

TT <- RF\_int %>%

data.frame(Ytest) %>%

mutate(Ytest = ifelse(Ytest == Negative, 0, 1),

RF\_int = ifelse(RF\_int == Negative, 0, 1))

# Cálculo del AUC usando pROC

roc\_obj <- roc(TT$Ytest, TT$RF\_int)

auc\_value <- auc(roc\_obj)

# Sensibilidad y Especificidad en el umbral óptimo

opt\_coords <- coords(roc\_obj, "best",

ret = c("sensitivity", "specificity"))

# Cálculo del LHR positivo y negativo

LR\_plus <- (sensitivity / (1 - specificity))[1,]

LR\_minus <- ((1 - sensitivity) / specificity)[1,]

LR\_minus <- ifelse(is.nan(LR\_minus), 1, LR\_minus)

LR\_plus <- ifelse(is.nan(LR\_plus), 1, LR\_plus)

# Mostrar los resultados

#cat("LR+ =", round(LR\_plus$sensitivity, 3), "\n")

#cat("LR- =", round(LR\_minus$sensitivity, 3), "\n")

Value <- c(round(auc\_value, 3),

round(LR\_plus, 3),

library(plotROC)

library(pROC)

library(flexdashboard)

filter(!(Carga == "Low"))