samp\_distn<-replicate(5000, {

boot\_dat<-data(sample(nrow(data),replace=TRUE))

fit\_b <- lm(age\_c ~ premi \* diabetes, data=boot\_dat)

coef(fit\_b)

})

samp\_distn%>%t%>%as.data.frame%>%summarize\_all(sd)

The robust standard errors and the bootstrap standard errors were very similar (within 1% of each other).

The p-values of the diabetes and the interaction of the two models were very similar, while the p-values of the intercept and the premi variable were much lower than on the bootstrapped data than on the robust model.