C.diff Pet’s Study

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## Figure 1: Flow Diagram

896 patients called or sent letters (461 CDI neg, 435 CDI pos) 444 Remaining (446 removed due to not answering) 414 remaining (30 removed due to +PMH of CDI and being called as a neg control) 414 (206 CDI- and 208 CDI+) 411 after 3 removed for being <18 (2 CDI positive and 1 CDI neg) 410 after 1 remove for being >90 (1 CDI positive male) Final numbers: 205 CDI negative and 205 CDI positive patients included in this study

##Table One

## Error in is.data.frame(data): object 'mtable5' not found

## Error in eval(expr, envir, enclos): object 'table1' not found

#Leaps plot for varaible selection

leaps=regsubsets(cdi\_status~ gender + age + race + restaurant3 + dessert3 + meat3 + salad3+redwine3 +dairy +  
 vitamin + probiotic + antibiotics3mo + ppi +h2ra + acid\_blocker\_yes + health\_care + hospital3 +  
 hc\_facility3 + adl\_total + dog + dog\_outside + cat + cat\_outside, data=clean\_table\_strata, nbest=10)

## Error in regsubsets(cdi\_status ~ gender + age + race + restaurant3 + dessert3 + : could not find function "regsubsets"

leaps=regsubsets(cdi\_status~ hc\_facility3 + adl\_total + dog + dog\_outside + cat + cat\_outside, data=clean\_table\_strata, nbest=10)

## Error in regsubsets(cdi\_status ~ hc\_facility3 + adl\_total + dog + dog\_outside + : could not find function "regsubsets"

plot(leaps, scale="adjr2")

## Error in plot(leaps, scale = "adjr2"): object 'leaps' not found

#Linear Model

lm1<-lm(cdi\_status ~ hc\_facility3 + age +probiotic + hospital3 + adl\_total +  
 dog:dog\_outside, clean\_table\_strata1)

## Error in is.data.frame(data): object 'clean\_table\_strata1' not found

summary(lm1)

## Error in summary(lm1): object 'lm1' not found

#Conditional Model

res.clogit3.int <- survival::clogit(cdi\_status ~ hc\_facility3 + probiotic + hospital3 + adl\_total +  
 dog:dog\_outside + strata(stratum), clean\_table\_strata1)

## Error in is.data.frame(data): object 'clean\_table\_strata1' not found

summary(res.clogit3.int)

## Error in summary(res.clogit3.int): object 'res.clogit3.int' not found