js <- read.csv("C:/Users/Dips/Desktop/final csv/JobSatisfaction.csv")

View(js)

attach(js)

hist(JobSatisfaction)

install.packages("ordinal")

library(ordinal)

library(MASS)

#Model1

ordinal\_main <- clm(as.factor(JobSatisfaction)~PercentSalaryHike

+WorkLifeBalance+NoOfTrainingsLastYear

+OverTime+YearsAtCompany,data = js)

summary(ordinal\_main)

AIC(ordinal\_main)

BIC(ordinal\_main)

library(rcompanion)

nagelkerke(ordinal\_main)

#Model2

ordinal\_main\_control<-clm(as.factor(JobSatisfaction)~

EnvironmentSatisfaction+RelationshipSatisfaction+PercentSalaryHike+BusinessTravel

+JobInvolvement+MaritalStatus+YearsInCurrentRole+WorkLifeBalance+Gender

+NoOfTrainingsLastYear+JobRole

+Age+NumCompaniesWorked+DistanceFromHome+OverTime+StockOptionLevel

+YearsSinceLastPromotion+Department+MonthlyIncome+YearsAtCompany

,Hess = "True",data = js)

summary(ordinal\_main\_control)

AIC(ordinal\_main\_control)

BIC(ordinal\_main\_control)

library(rcompanion)

nagelkerke(ordinal\_main\_control)

#Model3

install.packages("ordinal")

library(ordinal)

Final\_Model<- clm(as.factor(JobSatisfaction)~PercentSalaryHike+EnvironmentSatisfaction\*RelationshipSatisfaction+JobRole+MonthlyIncome

+OverTime+WorkLifeBalance\*OverTime+YearsInCurrentRole

+JobInvolvement\*WorkLifeBalance+Gender\*WorkLifeBalance+NumCompaniesWorked+NumCompaniesWorked+StockOptionLevel

+WorkLifeBalance\*BusinessTravel+MaritalStatus+MonthlyIncome\*YearsSinceLastPromotion+Age+NoOfTrainingsLastYear\*YearsAtCompany+OverTime\*Age

,Hess = "True",data = js)

install.packages("rcompanion")

library(rcompanion)

library(car)

nagelkerke(Final\_Model)

summary(Final\_Model)

AIC(Final\_Model)

BIC(Final\_Model)