**IPTW计算基线资料代码**

library(tableone)

library(survey)

iptw$sex<-factor(iptw$sex)

iptw$number<-factor(iptw$number)

iptw$etiology<-factor(iptw$etiology)

iptw$cirrhosis<-factor(iptw$cirrhosis)

iptw$AFP<-factor(iptw$AFP)

iptw$response<-factor(iptw$response)

vars=c( "age","size","neu","plt","ALT","AST","AFP","creatine","INR")

psModel=glm(group~age+size+neu+plt+ALT+AST+AFP+creatine+INR,

family=binomial(link="logit"),

data=iptw)

iptw$ps=predict(psModel,type="response")

iptw$wt1=1/iptw$ps

iptw$wt0=1/(1-iptw$ps)

iptw$w<-ifelse(iptw$group=="1",iptw$wt1,iptw$wt0)

dataIPTW=svydesign(ids=~1,data=iptw,weights= ~w)

myVars=c( "age","sex","size","number","etiology","cirrhosis","neu","lymp","plt","TBIL","ALB","ALT","AST","AFP","creatine","INR","response")

catVars<-c( "sex","number","etiology","cirrhosis","response","AFP")

nonvar <- c("size","neu","lymp","plt","TBIL","ALB","ALT","AST","creatine","INR")

tab\_IPTW=svyCreateTableOne(vars=myVars,

factorVars = catVars,

strata="group",

data=dataIPTW,

)

Table6<- print(tab\_IPTW,

nonnormal = nonvar,

catDigits = 1,

contDigits = 2,

pDigits = 3,

showAllLevels=TRUE,

quote = FALSE,

noSpaces = TRUE,

printToggle = TRUE)

write.csv(Table6, file = "Table6.csv")

library(RISCA)

library(foreign)

fit.ipw<-ipw.survival(times=iptw$OS,

failures=iptw$status==1,

variable=iptw$group,

weights=iptw$w)

p3 <- ipw.log.rank(times=iptw$OS,

failures=iptw$status==1,

variable=iptw$group,

weights=iptw$w)

p3

fit.ipw<-ipw.survival(times=iptw$DFS,

failures=iptw$fufastatus==1,

variable=iptw$group,

weights=iptw$w)

p4<- ipw.log.rank(times=iptw$DFS,

failures=iptw$fufastatus==1,

variable=iptw$group,

weights=iptw$w)

p4