

Contents

```
library("data.table")
library("ggplot2")
df<-data.table(expand.grid(seq(10000,200000,1000),seq(10000,200000,2000),seq(100000,400000,50000)),
setnames(df,c("Var1","Var2","Var3"),c("ad","fm","value"))
df<-df[ad+fm<value*.9&ad+fm>=value*.6]
df<-df[,`P Value`:=paste0(round(value/1000,2),"k")]
df<-df[,`ad Amount`:=paste0(round(ad/1000,2),"k")]
df<-df[,ratio:=(ad+fm)/value]

ggplot(df[value %in% seq(100000,400000,50000)&fm==50000],aes(x=ratio,y=ad,group=value,colour=P Value))
  geom_line()
```

