# Instructions for running OpCost

In order to run OpCost from the R environment with a local file the analyst needs to open the code and delete line 7-15, which stops OpCost from receiving arguments passed from Biosum. Then the following lines need to be scripted where the previous lines were just deleted. The analyst then needs to change the file path in the first line of the replacement code (it is colored red below) to the file path where their Access database is. It should be noted that the slashes need to be a forward slash as a backslash is not interpreted in R for sourcing files. After the new pathway is in the code line, the analyst can source the code and it will create the cost estimate data frame that is sent to the Access database.

Recommended editor for R is RStudio open source edition.

**The replacement coding.**

con<-odbcConnectAccess2007("C: /Documents/Access Database.accdb")

print("odbcConnect:OK")

m<-data.frame(sqlFetch(con,"opcost\_input", as.is=TRUE))

print("Fetch:OK")

m<-data.frame(m)

print("Dataframe:OK")

In order to reverse that operation and use OpCost with Biosum again the analyst simply deletes the code above from the beginning of OpCost and replaces it with:

**BioSum Argument Code**

args=(commandArgs(TRUE))

print(args)

con<-odbcConnectAccess2007(args)

print("odbc Connection:OK")

m<-data.frame(sqlFetch(con, "opcost\_input", as.is=TRUE))

print("m data.frame opcost\_input SqlFetch:OK")

M<-data.frame(m)

print("M data.frame:OK")