```
#copy link location of wine & music data
#and paste into R; # call the dataframe
#winemusic
winemusic=read.csv(file="http://people.uncw
 .edu/frierson/S215/winemusic.csv")
str(winemusic)
#now get rid of the first column
wm=winemusic[,-1] #all the rows, not col.1
# now manipulate wm a little to get it into
# the right form…first as a dataframe, then
# as a table
WM=as.data.frame(wm,responseName="freq")
WMtable=xtabs(freq~.,WM)
WMtable #looks like our tables now
is.table(WMtable) # yes, it is…
#now we can find the marginal sums
addmargins(WMtable)
#now get all the proportions (total and
#wrt cols and rows…
prop.table(WMtable); prop.table(WMtable,1)
prop.table(WMtable,2)
#you can also get the marginal proportions
#by combining the addmargins and the
#prop.table commands as follows:
addmargins(prop.table(WMtable,1)) #rows
addmargins(prop.table(WMtable,2)) #cols
```