R boxes

cons18<-read.csv("CALI COI Box usage 2018.csv")

consd<-transform(cons,date=as.Date(Posting.Date,"%m/%d/%Y"),order=as.character(Order.Type),qty=parse\_number(Quantity),wei=parse\_number(Net.Weight),desc=as.character(Description))

consd<-transform(consd,desc=as.character(Description))

cons\_p<-consd[grep("prod",consd$order,ignore.case=TRUE),]

cons\_pb<-cons\_p[grepl("box|small|X-S",cons\_p$desc,ignore.case=TRUE),]

cons\_pbb<-filter(cons\_pb,!grepl("jar",desc,ignore.case=TRUE)&date>="2018/10/1")

##[!grepl("jar",cons\_pb$desc,ignore.case=TRUE),]

cons\_s<-summarize(group\_by(cons\_pbb,Location.Code,Item.No.,desc),q=sum(qty,na.rm=T)\*4\*1.25)

write.csv(cons\_s,"cons\_s.csv")

##cons\_pbb<-filter(cons\_pb,!grepl("jar",desc,ignore.case=TRUE)&date>="2018/10/1")

##cons\_s<-summarize(group\_by(cons\_pbb,Location.Code,Item.No.,desc),q=sum(qty,na.rm=T)\*4\*1.25)

All locations all dates

In package dplyr [in version 0.5.0 new function mutate\_if was introduced](https://github.com/hadley/dplyr/blob/master/NEWS.md#dplyr-050):

library(dplyr)

bob %>% mutate\_if(is.factor, as.character) -> bob

consall<-read.csv("All Locations All Dates Item Ledger Entries IBZURE\_JLORES 2019-01-24T19\_08\_41.csv")

consalld<-transform(consall,date=as.Date(Posting.Date,"%m/%d/%Y"),order=as.character(Order.Type),desc=as.character(Description),qty=parse\_number(Quantity),wei=parse\_number(Net.Weight))

consalld<-transform(consalld,order=as.character(Order.Type),desc=as.character(Description))

cons\_1<-consalld[grepl("prod",consalld$order,ignore.case=TRUE),]

cons\_2<-cons\_1[grepl("box|small|X-S",cons\_1$desc,ignore.case=TRUE),]

cons\_3<-cons\_2[!grepl("jar",cons\_2$desc,ignore.case=TRUE),]

cons\_cc<-cons\_3[grepl("COI|CALI",cons\_3$Location.Code,ignore.case=TRUE),]

cons\_w<-mutate(cons\_cc,weekc=as.Date(as.character(ymd(date)+(1-wday(ymd(date))))))

cons\_w<-mutate(cons\_w,month=month(weekc))

cons\_ww<-filter(cons\_w,weekc>="2018-04-08")

**cons\_wm<-filter(cons\_ww,month>=4)**

##cons\_w<-mutate(cons\_w,span=as.numeric(max(weekc)-min(weekc),units="weeks"))

cons\_o<-summarize(group\_by(cons\_wm,month,Location.Code,Item.No.,desc),q=sum(qty,na.rm=T))

cons\_ow<-summarize(group\_by(cons\_wm,weekc,Location.Code,Item.No.,desc),q=sum(qty,na.rm=T))

write.csv(cons\_o,"cons\_o.csv")

cons\_wa<-summarize(group\_by(cons\_o,Location.Code,Item.No.,desc),qw=mean(q))

write.csv(cons\_wa,"cons\_wa.csv")

cons\_r<-mutate(cons\_r,span=as.numeric(max(weekc)-min(weekc),units="weeks"))

write.csv(cons\_r,"cons\_r.csv")

span=as.numeric(max(cons\_wm$weekc)-min(cons\_wm$weekc),units="weeks")

##> span

##[1] 41

##cons\_wm\_of<-summarize(group\_by(cons\_wm,Location.Code,Item.No.))##,of=count(qty,na.rm=T)

cons\_wm\_of<-tally(group\_by(cons\_ow,Location.Code,Item.No.,desc))

write.csv(cons\_wm\_of,"cons\_wm\_of.csv")

cons\_wmcal<-cons\_wm[grepl("CALI",cons\_wm$Location.Code,ignore.case=TRUE),]

for(m in 1:length(unique(cons\_wmcal$Item.No))){

for(i in 2:nrow(cons\_wmcal)){

ifelse(cons\_wmcal$Item.No.[i]== cons\_wmcal$Item.No.[m],cons\_wmcal$ordif[i]<- as.numeric(cons\_wmcal$weekc[i]-cons\_wmcal$weekc[i-1],units="weeks"),NA)

}

cons\_wm

mutate(air\_time2 = **as.numeric**(end\_time - start\_time, **units="mins"**))