Seleccion Final de Candidatas

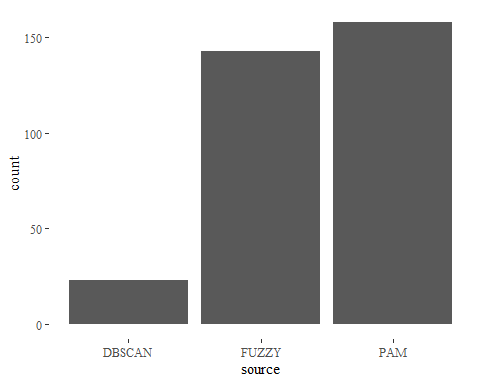
Fernando Menendez

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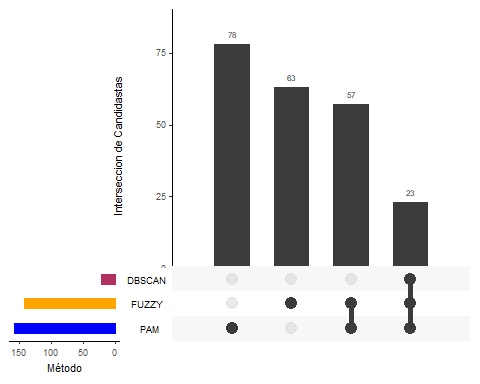
# *Selecccion Final de Candidatas*

pam<-read.csv("hip\_pamk5\_clust.csv") %>% filter(Symbad\_Hyades==F)  
dbs<-read.csv("DBSCAN - Candidatas.csv")  
fzy<-read.csv("FUZZY - Candidatas.csv")

cand.list<- dbs %>% rbind(fzy) %>% rbind(pam[,c("HIP","source")])  
ggplot(data=cand.list) +  
 geom\_bar(aes(x=source)) +  
# geom\_text(aes(label=len), vjust=-0.3, size=3.5)+  
 scale\_fill\_manual(values=c("blue","orange","maroon")) +  
 theme\_tufte()



listInput<-list(DBSCAN=dbs$HIP,FUZZY=fzy$HIP,PAM=pam$HIP)  
upset(fromList(listInput), order.by = "freq",point.size = 4, line.size = 2,   
 mainbar.y.label = "Interseccion de Candidastas", sets.x.label = "Método",  
 sets.bar.color=c("blue","orange","maroon"))



**OBS:** COmo podemos ver en el grafico anterior, las estrellas detectadas en DBSCAN se encuentran tanto en PAM como en clustering difuso. Los 3 metodos comparten un total de **80** estrellas que conforma nuestra lista final de candidatas.

cand.list.final<- fzy %>% inner\_join(pam, by="HIP") %>% select(HIP)  
write.csv(cand.list.final, "Candidatas Hyades.csv")