Iris PCA

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data("iris")  
  
y0=iris[,-5]  
y1=matrix(colnames(y0),ncol=1)  
rownames(y1)=paste0("char",1:4)  
colnames(y1)="Character"  
colnames(y0)=rownames(y1)  
y2=data.frame(Speices=iris[,5],A=0,B=1,stringsAsFactors = T)  
  
iris\_phylo=phyloseq(  
otu\_table(y0,taxa\_are\_rows = F)  
,tax\_table(y1)  
,sample\_data(y2)  
)  
  
p1=myord(phylo=iris\_phylo,gv.name="Speices",plot.ellipse=T,plot.spider=T)  
  
win.graph()  
p1+scale\_color\_manual(breaks = c("setosa", "versicolor", "virginica")  
 ,values=c("red", "blue","black"),name="Speices")+ggtitle("IRIS")+xlab("xlab")+theme\_bw()

