test chart guay R

mets<-read.csv("test chart guay.csv")

g<-**ggplot(data=mets, aes(x=x, y=y))**

**##gi<-g+geom\_line()+**scale\_x\_continuous(breaks=mets$x)+theme\_bw()+theme(panel.border = element\_blank(),axis.line.x=element\_line(size=0.5, linetype="solid", colour = "black"))+ theme(axis.title.y=element\_blank(),axis.text.y=element\_blank(),axis.ticks.y=element\_blank())+theme(axis.title.x=element\_blank())+ylim(-0,0.1)+theme(axis.text.x= element\_text(vjust=0))

**##gi<-g+geom\_line()+**scale\_x\_continuous(labels=mets$When,breaks=mets$x)+theme\_bw()+theme(axis.title.y=element\_blank(),axis.text.y=element\_blank(),axis.ticks.y=element\_blank())+theme(axis.title.x=element\_blank(),axis.ticks.x=element\_line(mets$x))+ylim(0,0.1)+theme(axis.text.x= element\_text(vjust=-0.5))

**gi<-g+geom\_line()+**scale\_x\_continuous(labels=mets$When,breaks=mets$x)+theme\_bw()+theme(panel.border = element\_blank(),axis.line.x=element\_line(size=0.5, linetype="solid", colour = "black"))+

theme(axis.title.y=element\_blank(),axis.text.y=element\_blank(),axis.ticks.y=element\_blank(),axis.ticks.length =unit(10,"pt"))+theme(axis.title.x=element\_blank(),axis.ticks.x=element\_line(mets$x))+ylim(0,0.001)+theme(axis.text.x= element\_text(vjust=-0.5))+theme(aspect.ratio=0.02)**+facet\_wrap(.~Plant,ncol=1)**

**ggsave(plot=gi,width=7,height=1,dpi=300,filename="testmets.png")**

**If png file, much better, plus it can be easily copied to excel…**



use axis.line.x() and axis.line.y()

So adding this to your plot:

... + theme(panel.border = element\_blank(),

axis.line.x = element\_line(size = 0.5, linetype = "solid", colour = "black"),

axis.line.y = element\_line(size = 0.5, linetype = "solid", colour = "black")) + ...

gbis<-**ggplot(data=mets[grepl("X",mets$Plant,ignore.case=T),], aes(x=x, y=y))+geom\_line()**+scale\_x\_continuous(breaks=mets**[grepl("X",mets$Plant),]**$x, labels=mets**[grepl("X",mets$Plant,ignore.case=T),]**$x, limits=c(min(mets$x),max(mets$x)))+theme\_bw()+theme(panel.border = element\_blank(),axis.line.x=element\_line(size=0.5, linetype="solid", colour = "black"),axis.ticks.length =unit(10,"pt"))+

theme(axis.title.y=element\_blank(),axis.text.y=element\_blank(),axis.ticks.y=element\_blank())+ ggtitle(mets**[grepl("X",mets$Plant),]**$Plant[1])+theme(axis.title.x=element\_blank(),axis.ticks.x=element\_line(mets$x), axis.text.x= element\_text(angle=0,vjust=0.75,size=9)) +ylim(0,0)+theme(aspect.ratio=0.02)

hbis<-**ggplot(data=mets[grepl("OH",mets$Plant,ignore.case=T),], aes(x=x, y=y))+geom\_line()**+scale\_x\_continuous(breaks=mets**[grepl("OH",mets$Plant),]**$x, labels=mets**[grepl("OH",mets$Plant,ignore.case=T),]**$x, limits=c(min(mets$x),max(mets$x)))+theme\_bw()+theme(panel.border = element\_blank(),axis.line.x=element\_line(size=0.5, linetype="solid", colour = "black"))+

theme(axis.title.y=element\_blank(),axis.text.y=element\_blank(),axis.ticks.y=element\_blank(),axis.ticks.length =unit(10,"pt"))+theme(axis.title.x=element\_blank(),axis.ticks.x=element\_line(mets$x), axis.text.x= element\_text(angle=0,vjust=0.75,size=9)) +ylim(0,0)+theme(aspect.ratio=0.02)+ ggtitle(mets**[grepl("OH",mets$Plant),]**$Plant[1])

tot<-ggarrange(gbis,hbis,labels="",ncol=1,nrow=2)

**ggsave(plot=tot,width=7,height=7,dpi=300,filename="testmets.png")**

q<-ggplot(data=**mets,aes(x,y,label=mets$When,color=mets$Plant))**

**q1<-q+geom\_point(shape=6,size=2)**

**q11<-q1**+scale\_color\_manual(labels=sort(unique(mets$Plant)),values=c("turquoise2","green"))

**q2<-q11+geom\_path()**

**q21<-q2+**geom\_text(aes(label=mets$When),hjust=0.5, vjust=1.5,angle=0)

q22<-q21+geom\_text(aes(label=ifelse(x==min(x),as.character(Plant),"")),hjust=3)

**q3<-q22+** theme\_bw()+theme(panel.border = element\_blank())

q4<-q3+ theme(axis.title.y=element\_blank(),axis.text.y=element\_blank(),axis.ticks.y=element\_blank(),axis.title.x=element\_blank())

q5<-q4+xlim(min(mets$x)- (max(mets$x)-min(mets$x))/8,max(mets$x)+ (max(mets$x)-min(mets$x))/8)

q6<-q5+theme(legend.position="none")+ggtitle("FP yields")

q7<-q6+ **facet\_wrap(.~Plant,ncol=1)**

**aes(fill=mets$Plant)**