

## J1.2.6.R

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2023-06-20

```
library(ggplot2)

#data
J126=read.csv("PT1-T1.2-J1.2.6.csv",header=TRUE, encoding ="UTF-8")
J126=na.omit(J126)
J126$DERS=as.factor(J126$DERS)

J126$DERS=factor(J126$DERS, levels = levels(J126$DERS)[order(c(1,3,2))])

#joonis
ggplot(J126)+
  geom_col(aes(x=VG3,y=Stress,fill=DERS),position = position_dodge(0.8),width=0.7)+
  geom_errorbar(aes(x=VG3,ymin=L0,ymax=HI,col=DERS),pos=position_dodge(0.8),width=0.3,linewidth=0.7,show.legend=TRUE)+
  theme_minimal()+
  scale_y_continuous(breaks=c(25,50,75,100))+
  xlab("Age")+
  ylab("%")+
  theme(legend.title=element_blank(),legend.position = "bottom")+
  scale_fill_manual(values=c("#1E272E","#668080","#4DB3D9"))+
  theme(text = element_text(color="#668080"),axis.text=element_text(color="#668080"))+
  scale_color_manual(values=c("#FF3600","#1E272E","#1E272E"))
```

