

J4.1.2.R

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```
library(ggplot2)
library(tidyr)
#faili sisselugemine ja andmete formaadi korrigeerimine
J412=read.csv("PT4-T4.1-J4.1.2.csv",header=TRUE, encoding ="UTF-8")
names(J412)=gsub("\\.", " ", names(J412))
J412=pivot_longer(J412,2:3)
J412$Riik[J412$Riik=="Eesti"]="EESTI"
J412$Riik=as.factor(J412$Riik)
J412$Riik=factor(J412$Riik, rev(levels(J412$Riik)))
J412$name[J412$name=="On sageli õnnetu nukrameelne või nutu äärel"]="On sageli õnnetu, nukrameelne või"
J412$name=as.factor(J412$name)
J412$name=factor(J412$name, rev(levels(J412$name)))
font=rep(1,16)
font[16]=2

#joonis
ggplot(J412)+
  geom_col(aes(x=Riik,y=value,fill=name),pos=position_dodge(0.9),width=0.7)+
  geom_label(aes(x=Riik,y=value,label=value,group=name),pos=position_dodge(0.8),cex=2.4)+
  theme_minimal()+
  coord_flip()+
  scale_fill_manual(values=c("#323E4E", "#FF3600"),breaks=rev(levels(J412$name)))+
  scale_y_continuous(breaks=seq(0,25,5))+
  theme(axis.text.y = element_text(face=font))+
  xlab("")+
  ylab("")+
  theme(legend.title = element_blank())
```

```
## Warning: Vectorized input to 'element_text()' is not officially supported.
## i Results may be unexpected or may change in future versions of ggplot2.
```

