

## J1.3.7.R

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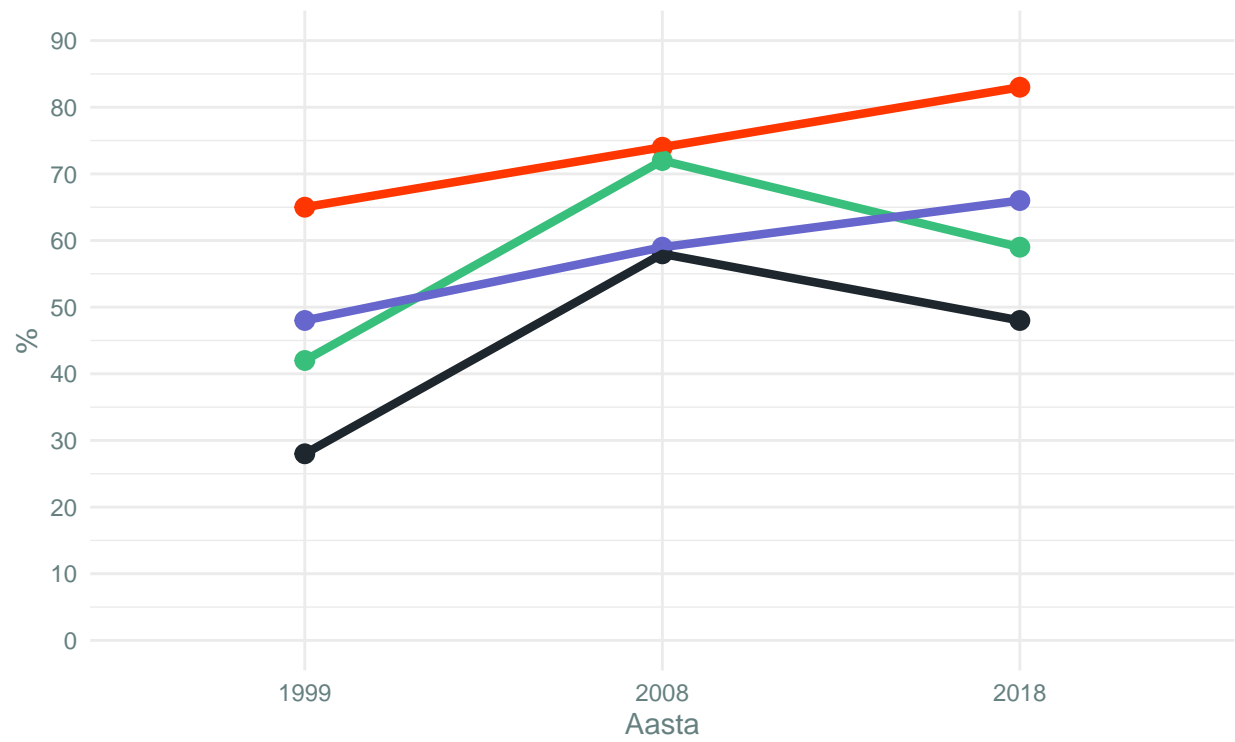
2023-02-17

```
library(ggplot2)
library(tidyr)
#faili sisselugemine ja andmete formaadi korrigeerimine
J137=read.csv("PT1-T1.3-J1.3.7.csv",header=TRUE, encoding ="UTF-8")

## Warning in read.table(file = file, header = header, sep = sep, quote = quote, :
## incomplete final line found by readTableHeader on 'PT1-T1.3-J1.3.7.csv'

names(J137)[2:4]=c("1999", "2008", "2018")
J137=pivot_longer(J137,c("1999", "2008", "2018"))
names(J137)=c("Haridus", "Aasta", "Protsent")

#joonis
ggplot(J137,aes(x=Aasta,y=Protsent,col=Haridus))+
  geom_point(cex=3)+
  geom_line(aes(col=Haridus,group=Haridus),linewidth=1.5)+
  scale_y_continuous(breaks=seq(0,100,10),limits=c(0,90))+
  scale_color_manual(values=c("#FF3600", "#38bf7b", "#6666cc", "#1E272E"))+
  theme_minimal()+
  theme(text = element_text(color="#668080"),axis.text=element_text(color="#668080"))+
  theme(legend.position = "bottom")+
  ylab("%")
```



Haridus    kõrgem (E)    kõrgem (V)    madalam (E)    madalam (V)