

J1.3.2.R

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2023-02-17

```
library(stringr)
library(tidyr)
library(ggplot2)
library(gridExtra)

#faili sisselugemine ja andmete formaadi korrigeerimine
J132=read.csv("PT1-T1.3-J1.3.2.csv",header=TRUE, encoding ="UTF-8")
names(J132)=gsub("\\.", " ", names(J132))
J132$Linn vs maa`=as.factor(J132$Linn vs maa`)
J132$Episteemilised uskumused kooli keskm `=as.numeric(J132$Episteemilised uskumused kooli keskm `)

## Warning: NAs introduced by coercion

#joonis
p1=ggplot(J132)+
  geom_point(aes(x=`Kooli keskmine SES`,y=`Kooli keskmine PISA koondtulemus`,size=`Kooli suurus PISA u
  theme_minimal()+
  scale_color_manual(values=c("#1E272E","#FF3600"))+
  theme(text = element_text(color="#668080"),axis.text=element_text(color="#668080"))+
  ylab("PISA koondtulemus")+
  theme(legend.position = "none")

p2=ggplot(J132)+
  geom_point(aes(x=`Kooli keskmine SES`,y=`Episteemilised uskumused kooli keskm ``,size=`Kooli suurus
  theme_minimal()+
  scale_color_manual(values=c("#1E272E","#FF3600"))+
  ylab("Episteemilised uskumused")+
  scale_y_continuous(position = "right")+
  theme(text = element_text(color="#668080"),axis.text=element_text(color="#668080"))+
  theme(legend.position = "none")

grid.arrange(p1,p2,ncol=2)
```

```
## Warning: Removed 1 rows containing missing values (‘geom_point()’).
```

