J2.3.3.R

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```r
library(ggplot2)
library(tidyr)
library(scales)

#faili sisselugemine ja andmete formaadi korrigeerimine
J233=read.csv2("PT2-T2.3-J2.3.3.csv",header=TRUE, encoding ="UTF-8")
names(J233)=gsub("X", "",  names(J233))
J233$OR=as.numeric(J233$OR)
J233$`95..CI..high`=as.numeric(J233$`95..CI..high`)
J233$`95..CI..low`=as.numeric(J233$`95..CI..low`)
J233$Faktor=as.factor(J233$Faktor)
J233$Grupp=as.factor(J233$Grupp)
J233$Faktor=factor(J233$Faktor,levels(J233$Faktor)[order(c(2,1,3,4))])
J233$Grupp=factor(J233$Grupp,levels(J233$Grupp)[order(c(5,3,6,2,4,1))])


#joonis
ggplot(J233,aes(x=Grupp,y=OR))+
  geom_point(aes(col=Grupp),cex=3)+
  facet_grid(~Faktor,labeller = label_wrap_gen(15))+
  geom_errorbar(aes(x=Grupp, ymin=`95..CI..low`,ymax=`95..CI..high`, col=Grupp),width=0.2,linewidth=0.9]
  geom_abline(intercept=1,slope=0)+
  theme_minimal()+
  theme(legend.title=element_blank())+
  ylab("Odds ratio (OR) and 95% confidence interval")+
  xlab("")+
  scale_y_continuous(limits=c(0.75,1.75))+
  theme(axis.text.x = element_text(angle = 90),legend.position = "none")+
  scale_color_manual(values=c("#FF3600","#6666cc","#668080","#668080","#668080","#668080"))+
  theme(text = element_text(color="#668080"),axis.text=element_text(color="#668080"))+
  theme(strip.text.y = element_text(angle = 360,color="#668080"),strip.text.x=element_text(color="#6680
```

Odds ratio (OR) and 95% confidence interval

Daily smoker v. occasional/non-smoker

Alcohol = twice a week v. less frequently

Obesity v. normal weight

Recreational sports less than once a week v. more frequently

woman | man | Estonian | Other | == lower secondary education | higher education