

PLOT MEANS INTERACTIONS AND ANOVA DIAGNOSTICS

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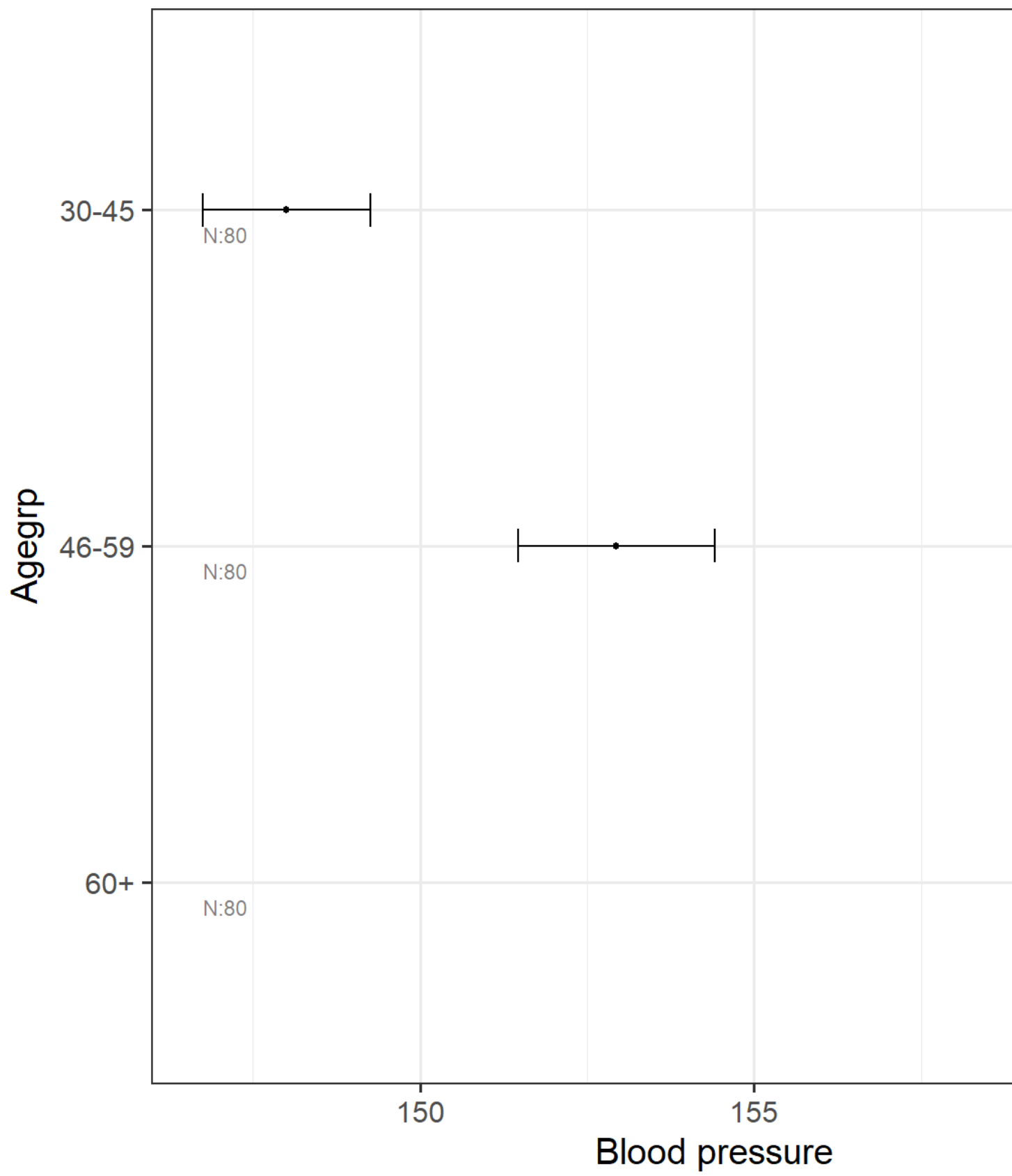
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Description

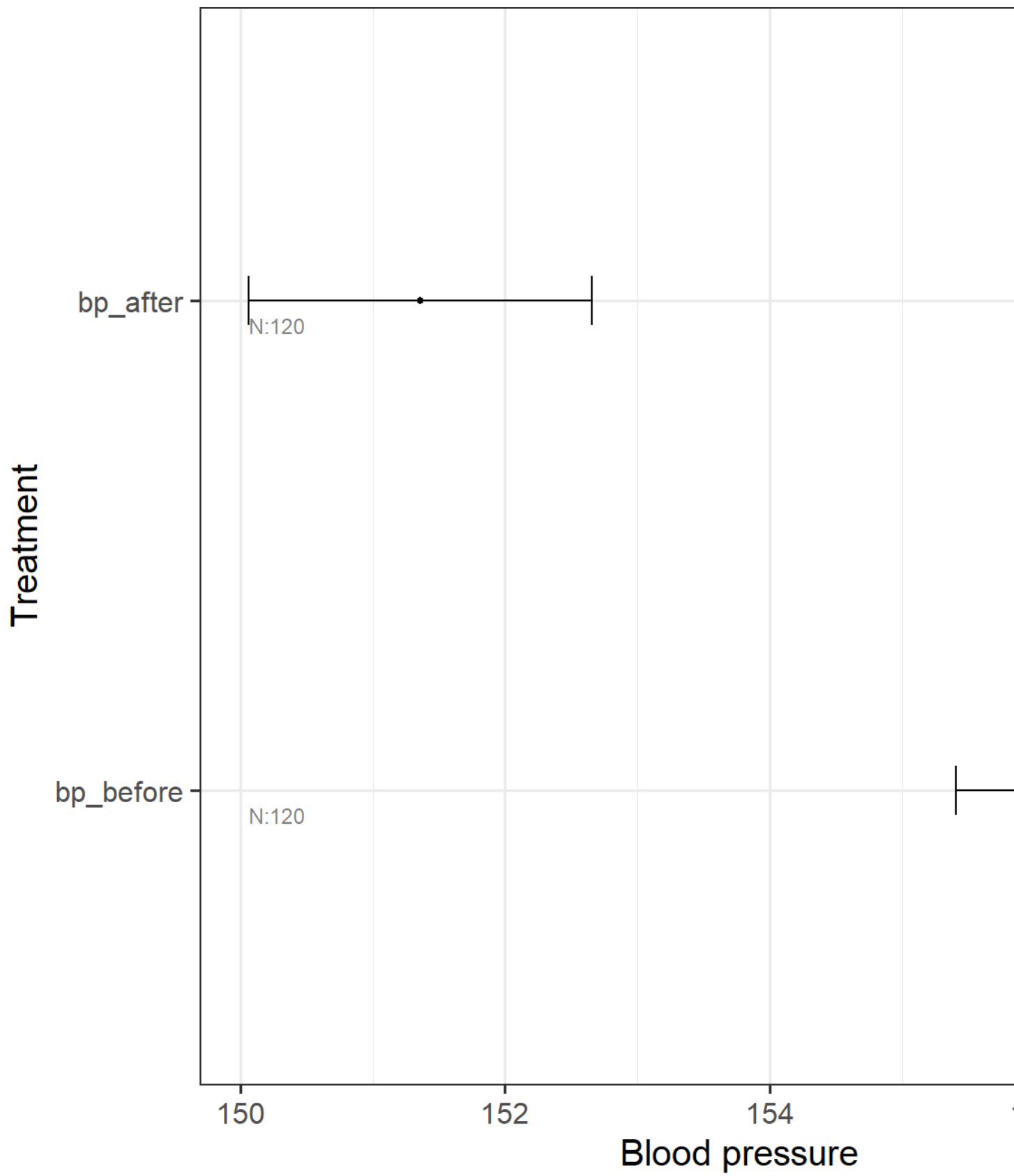
This shows the output of several ANOVA related functions from workingfunctions.
Installation instructions for workingfunctions can be found [here](#)

Plot Oneway

```
df_blood_pressure_melt<-melt(df_blood_pressure,  
                             variable.name="treatment",  
                             value.name="blood_pressure",  
                             id.vars=c("patient","sex","agegrp"))  
plot_oneway(df=df_blood_pressure_melt,dv=5,iv=3:4,type="se")
```

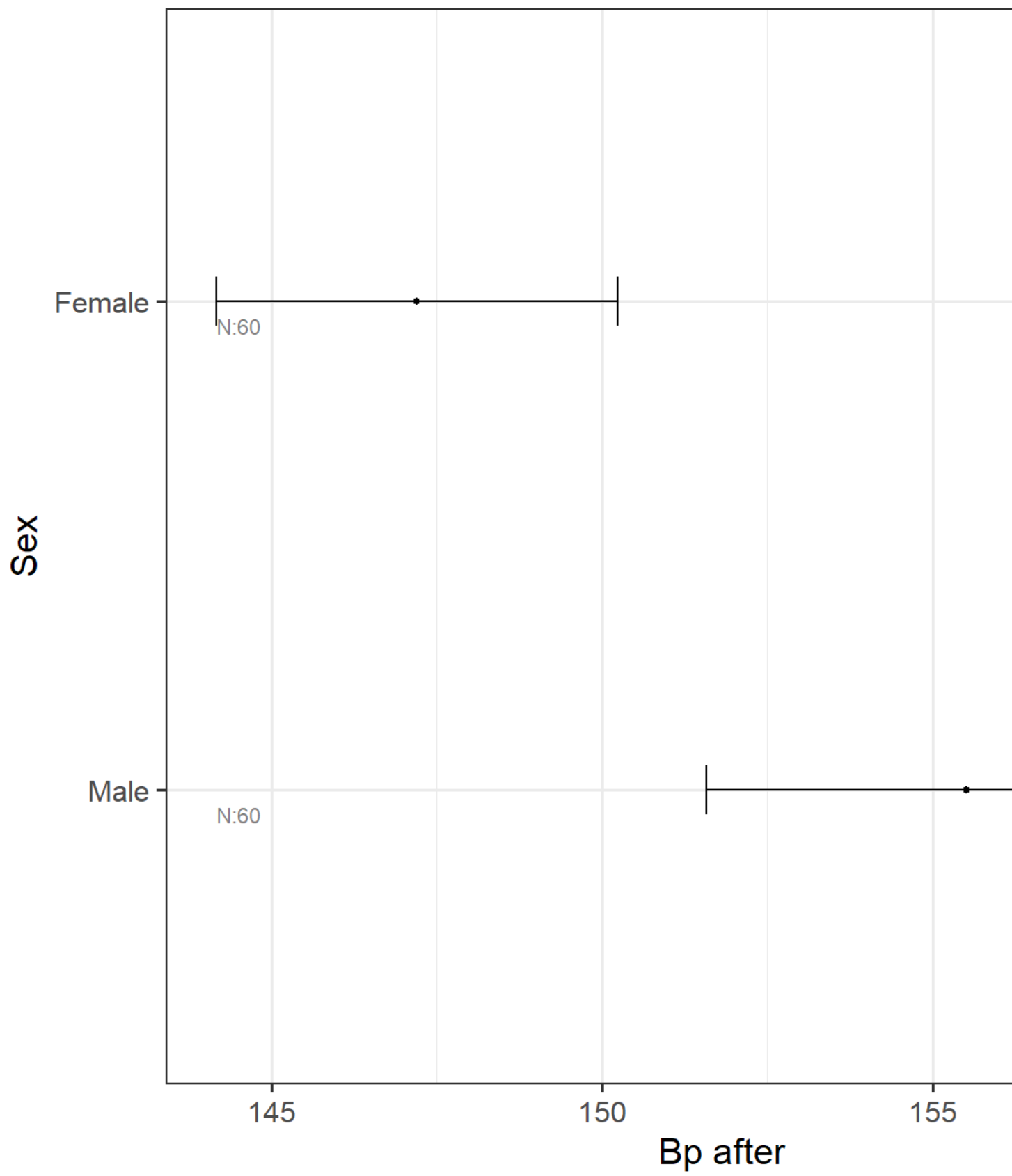


Bars



Bars

```
plot_oneway(df=df_blood_pressure,dv=5,iv=2,type="ci")
```



```
plot_oneway(df=df_blood_pressure,dv=4:5,iv=2,type="sd")
```

Sex

Female

N:60

Male

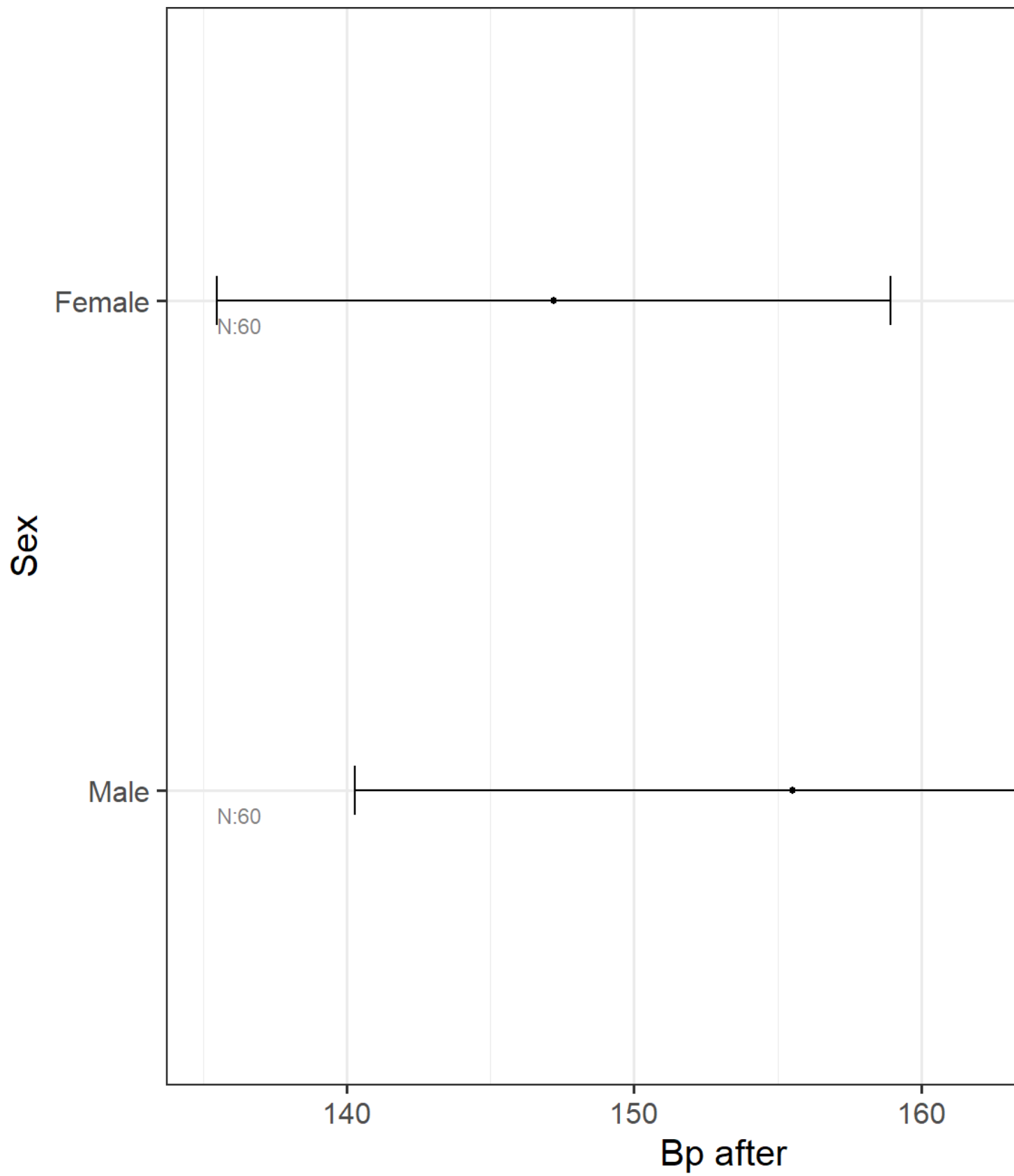
N:60

150

160

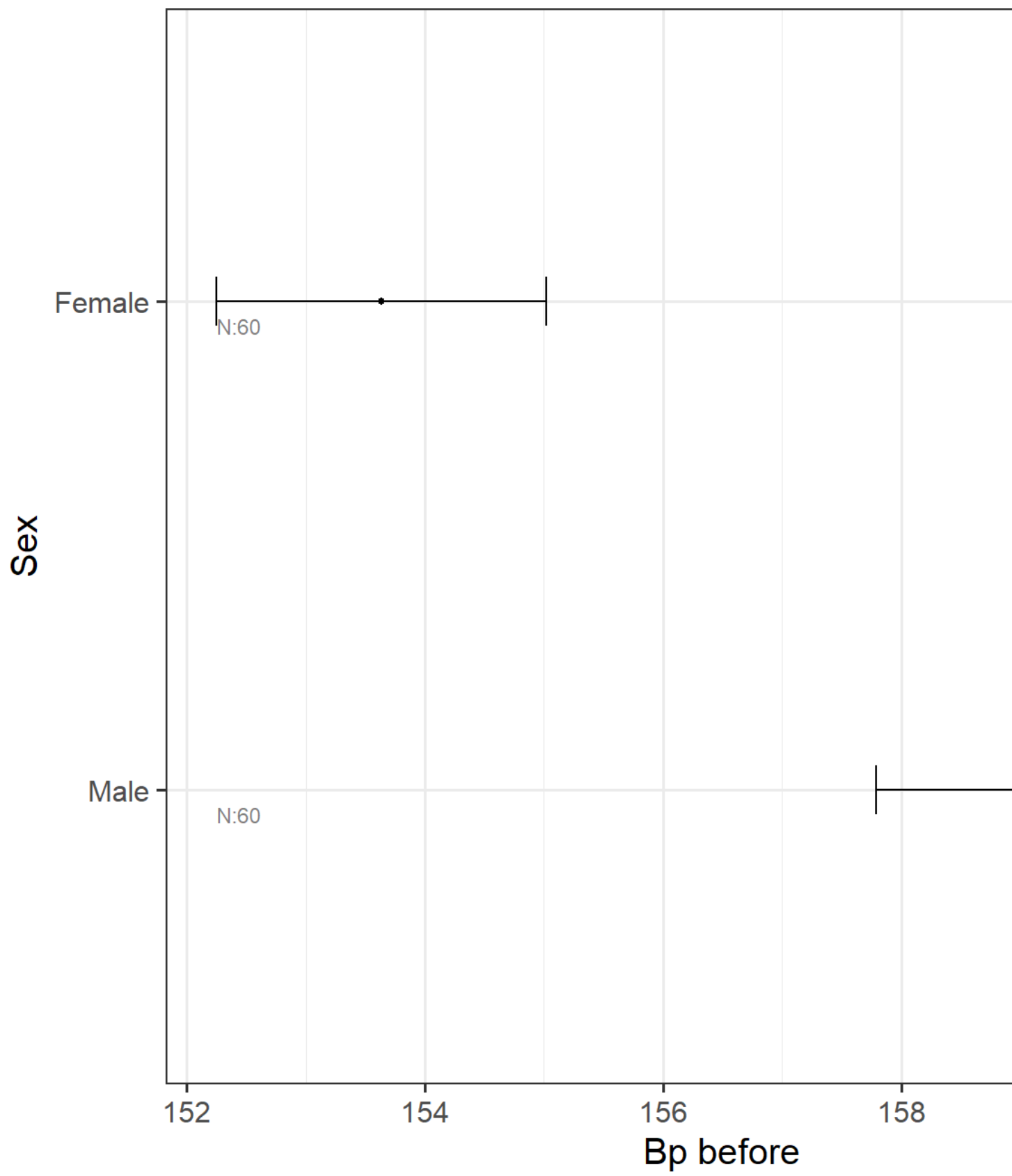
Bp before

Bars are

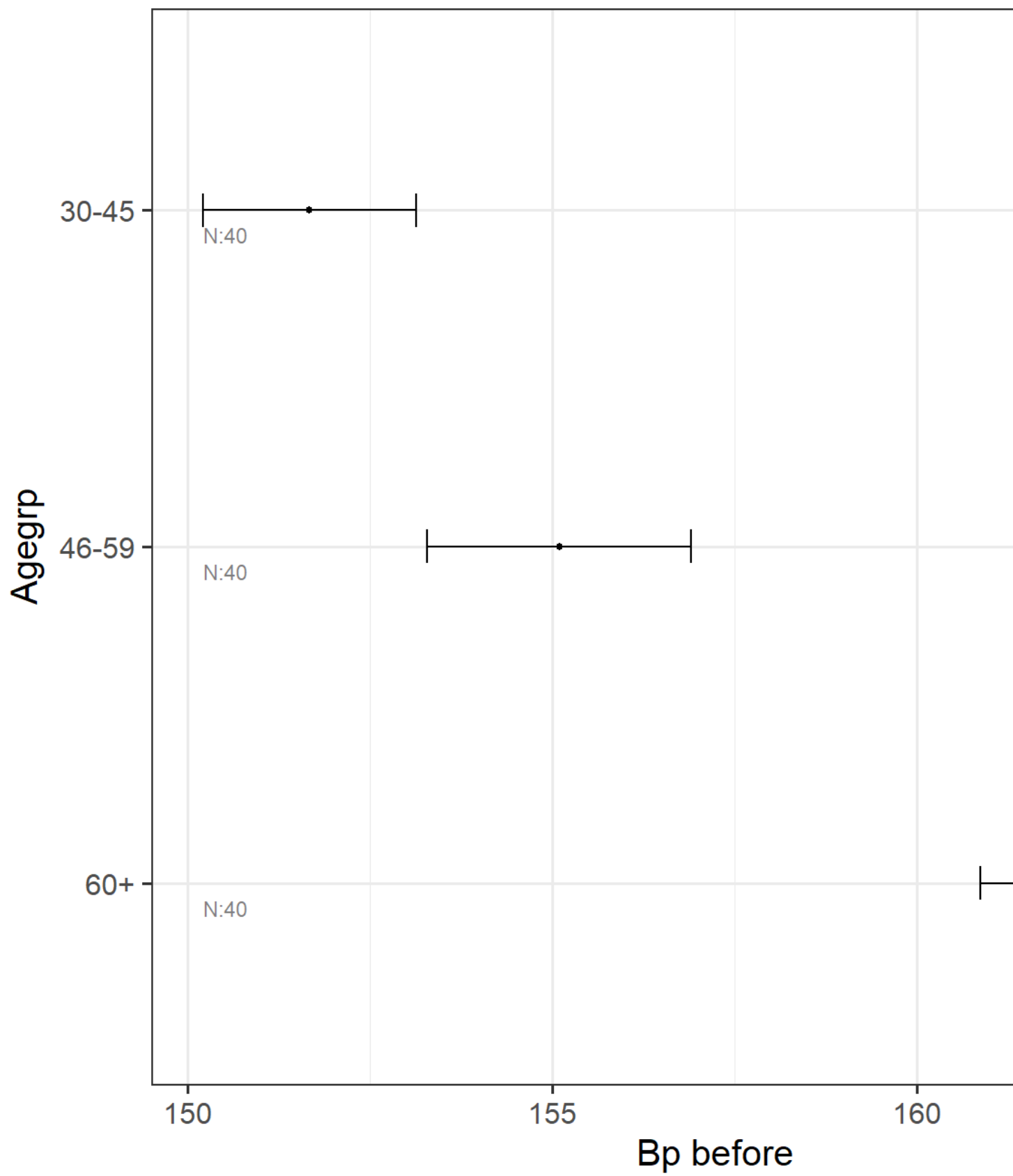


Bars are

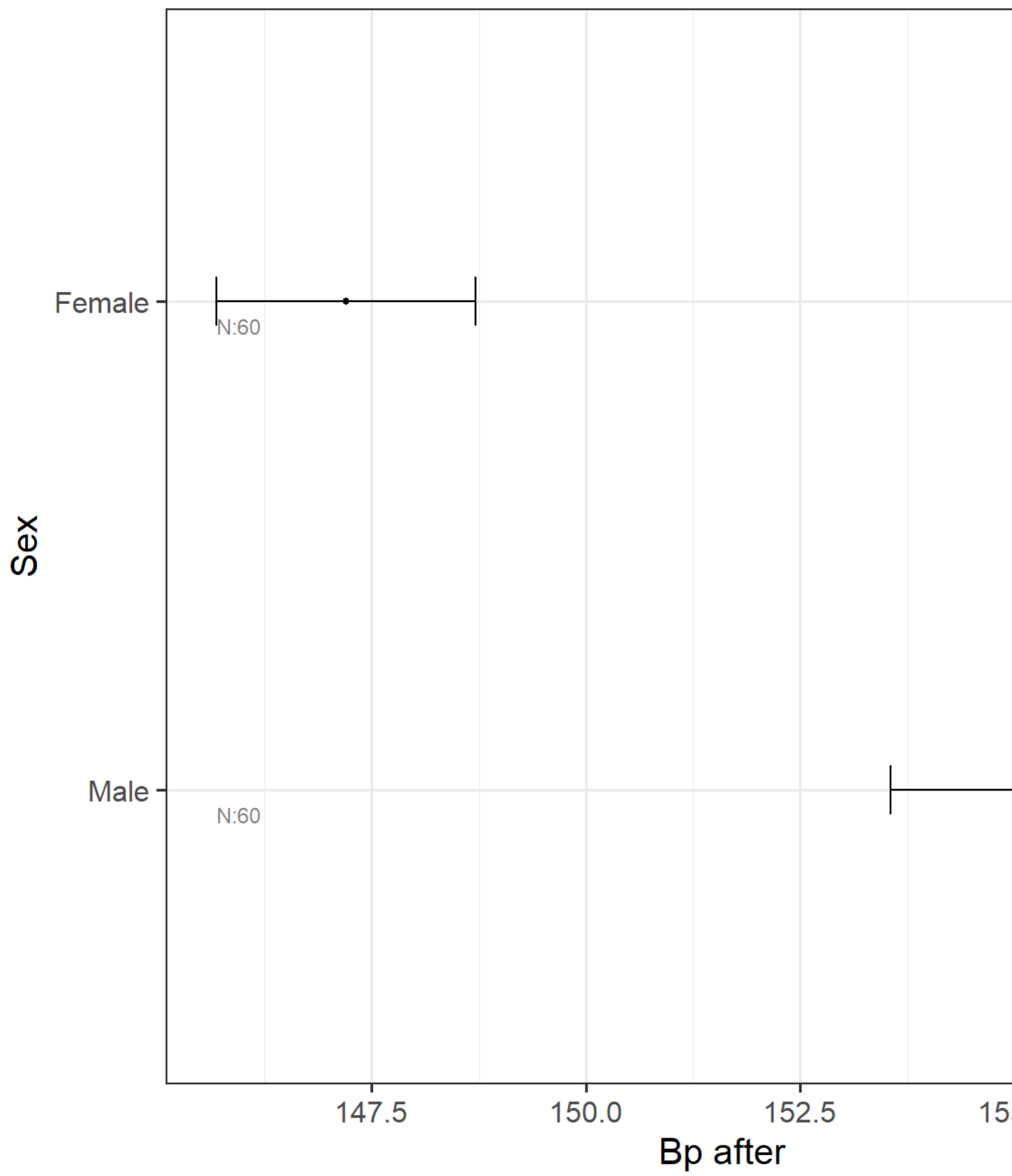

```
plot_oneway(df=df_blood_pressure,dv=4:5,iv=2:3)
```

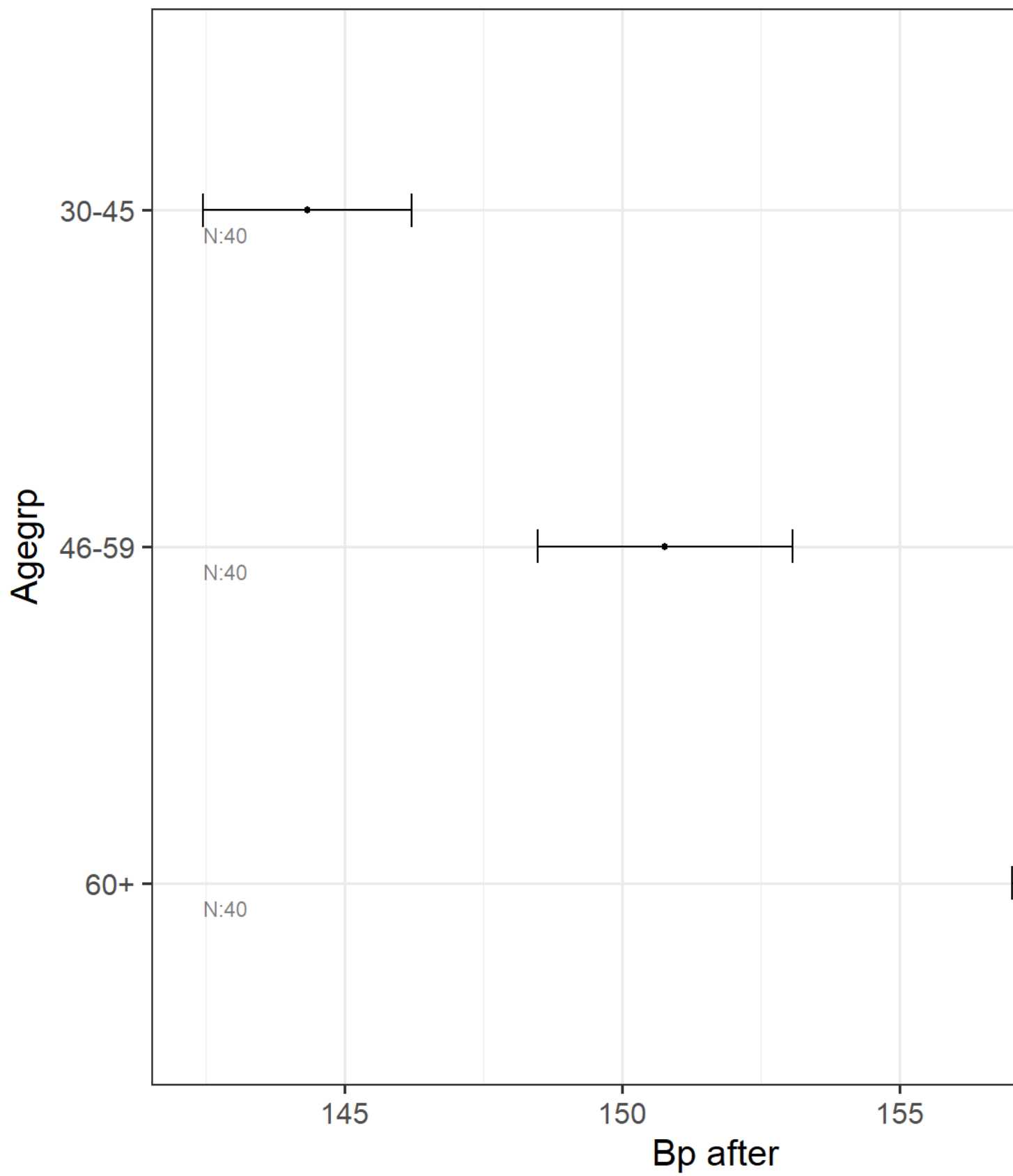


Bars



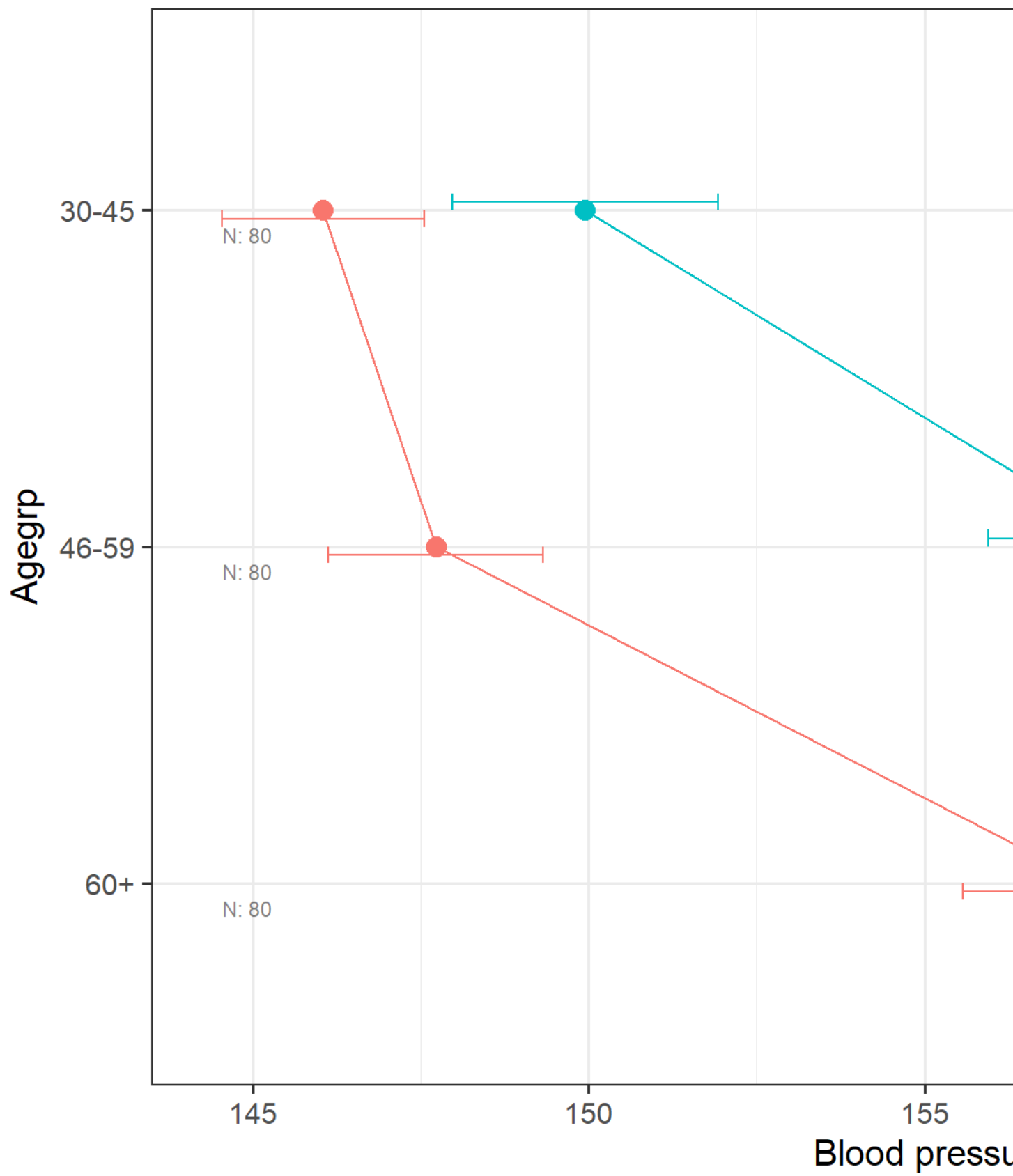
Bars

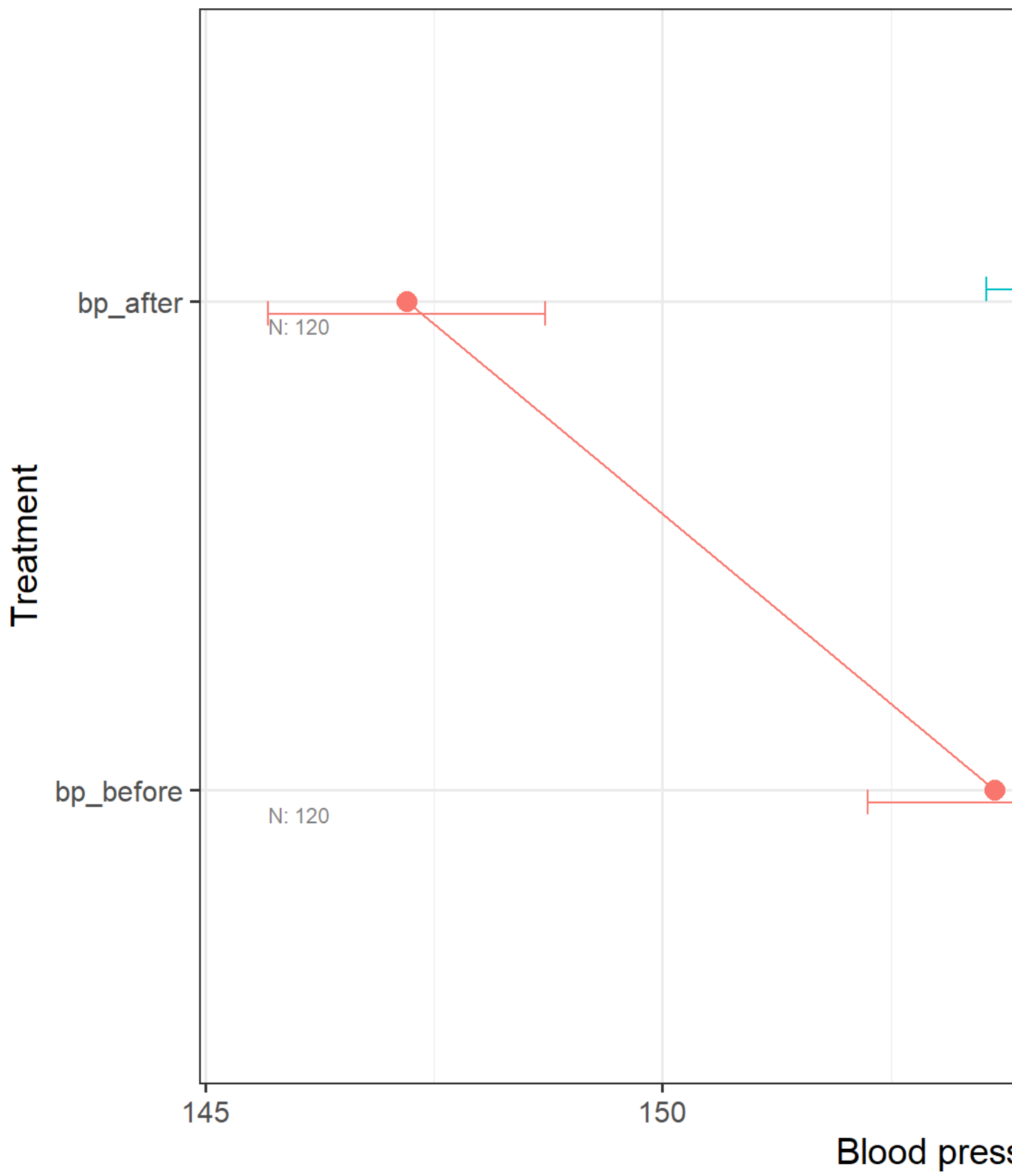


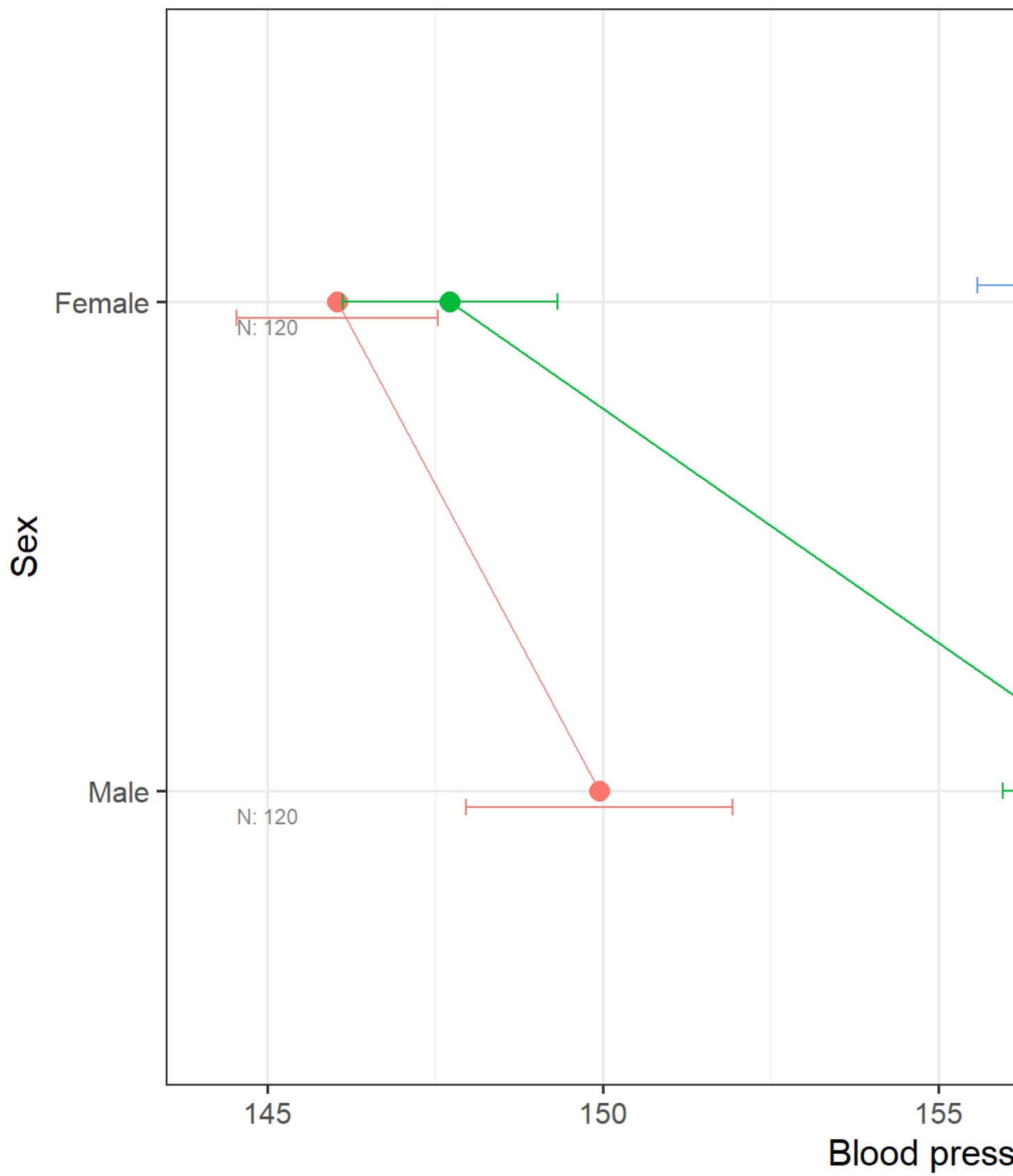


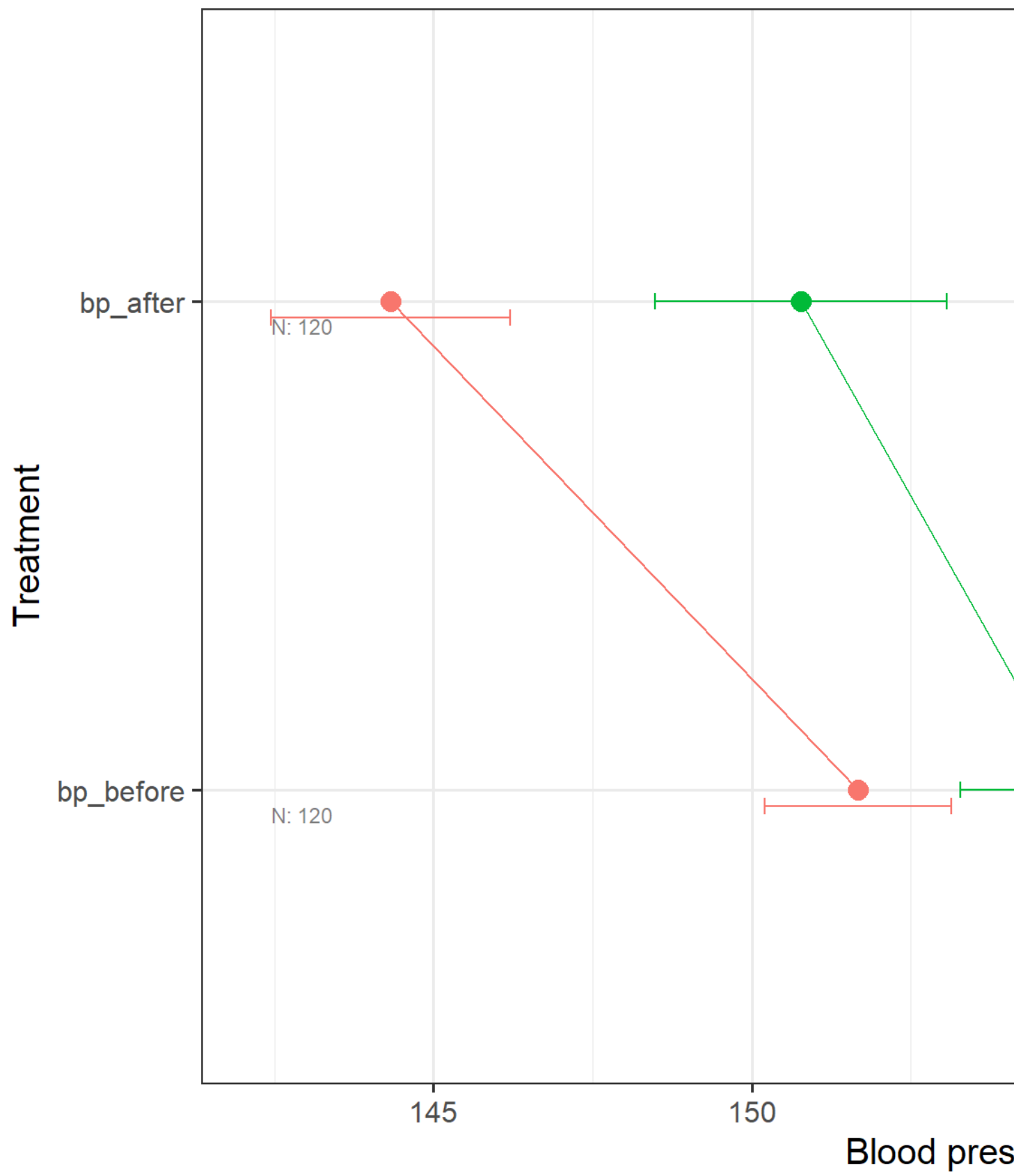
Plot Interactions

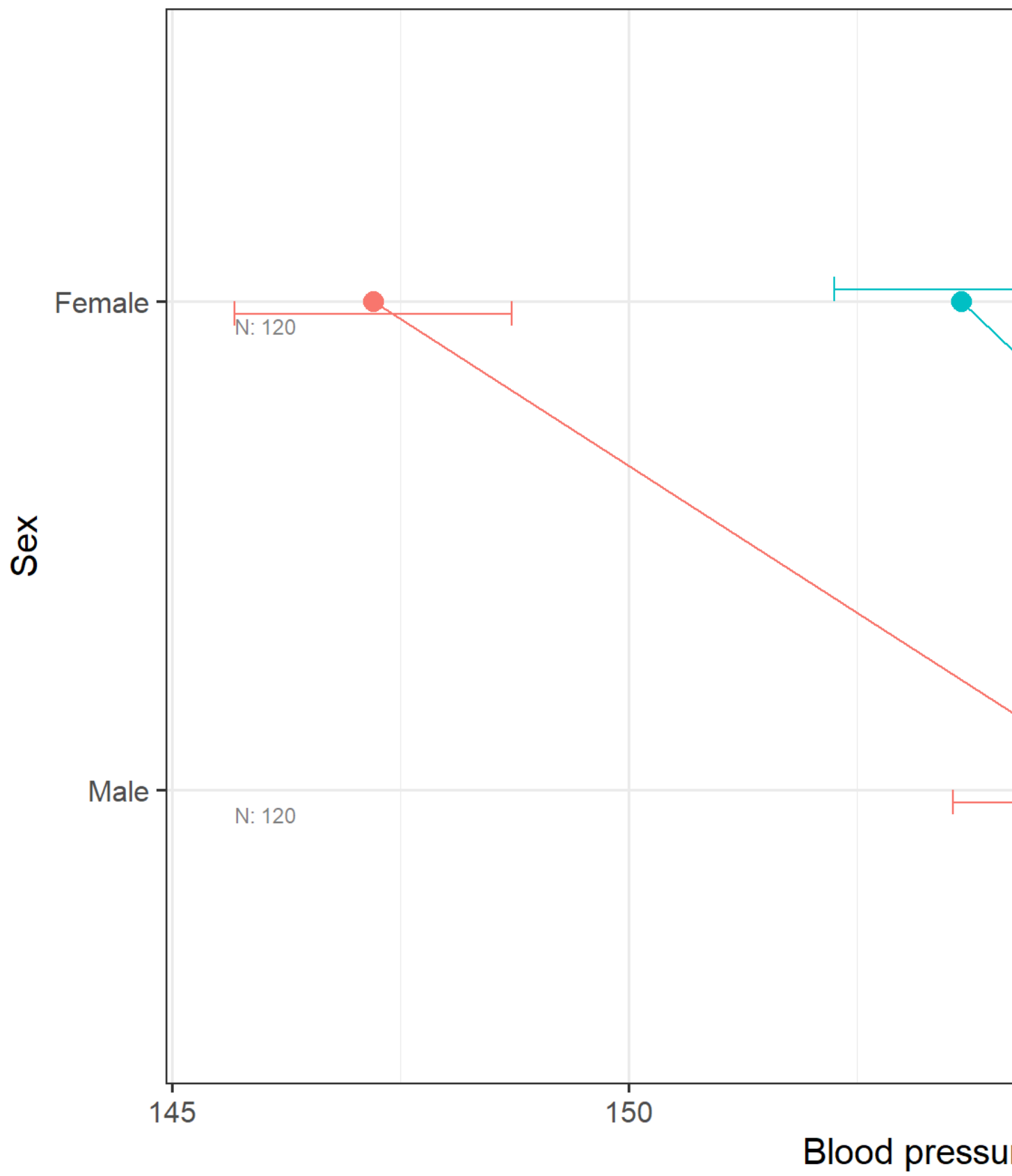
```
plot_interaction(df=df_blood_pressure_melt,  
                dv=5,iv=2:4,base_size=20,title="",type="se")
```

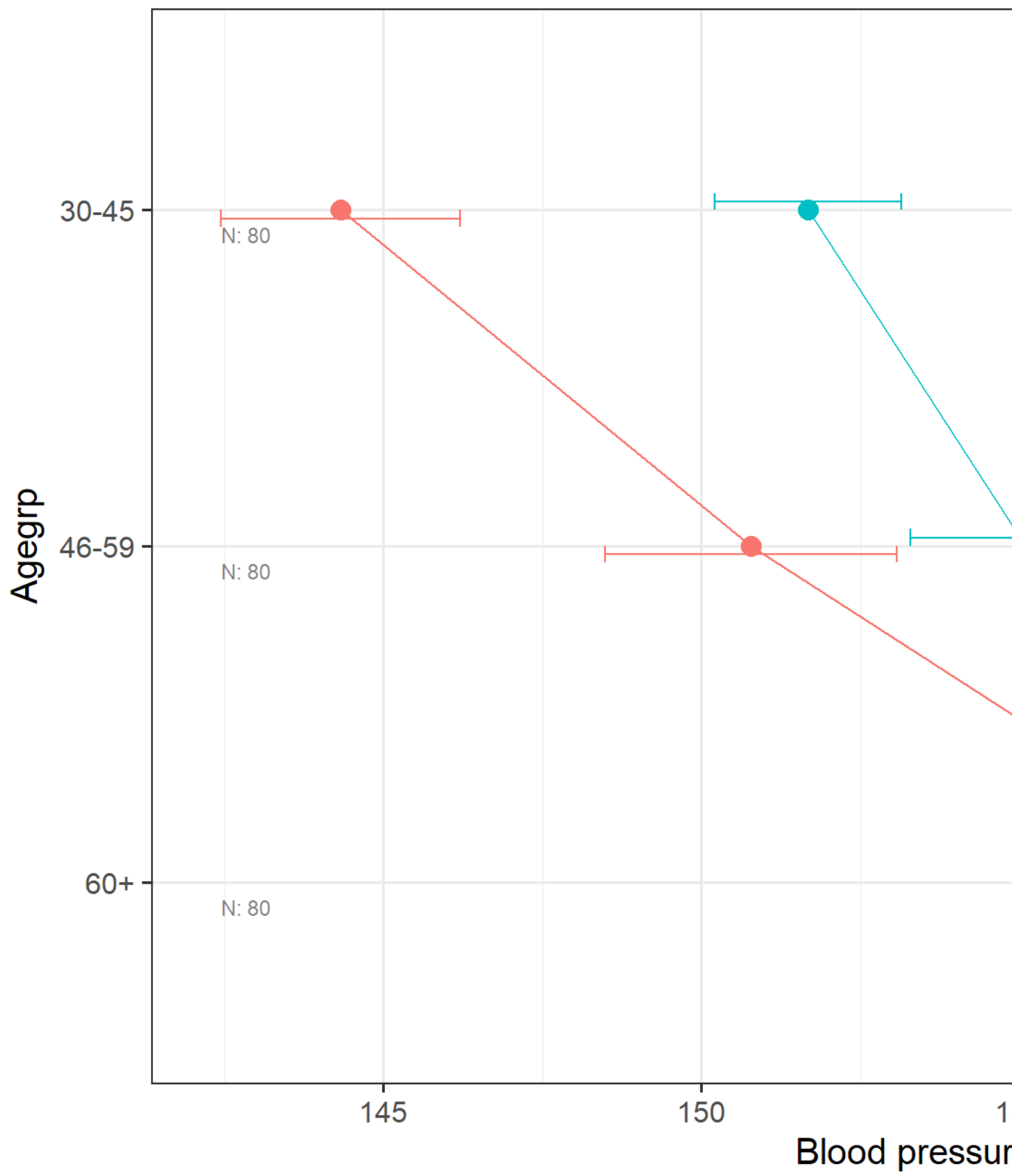




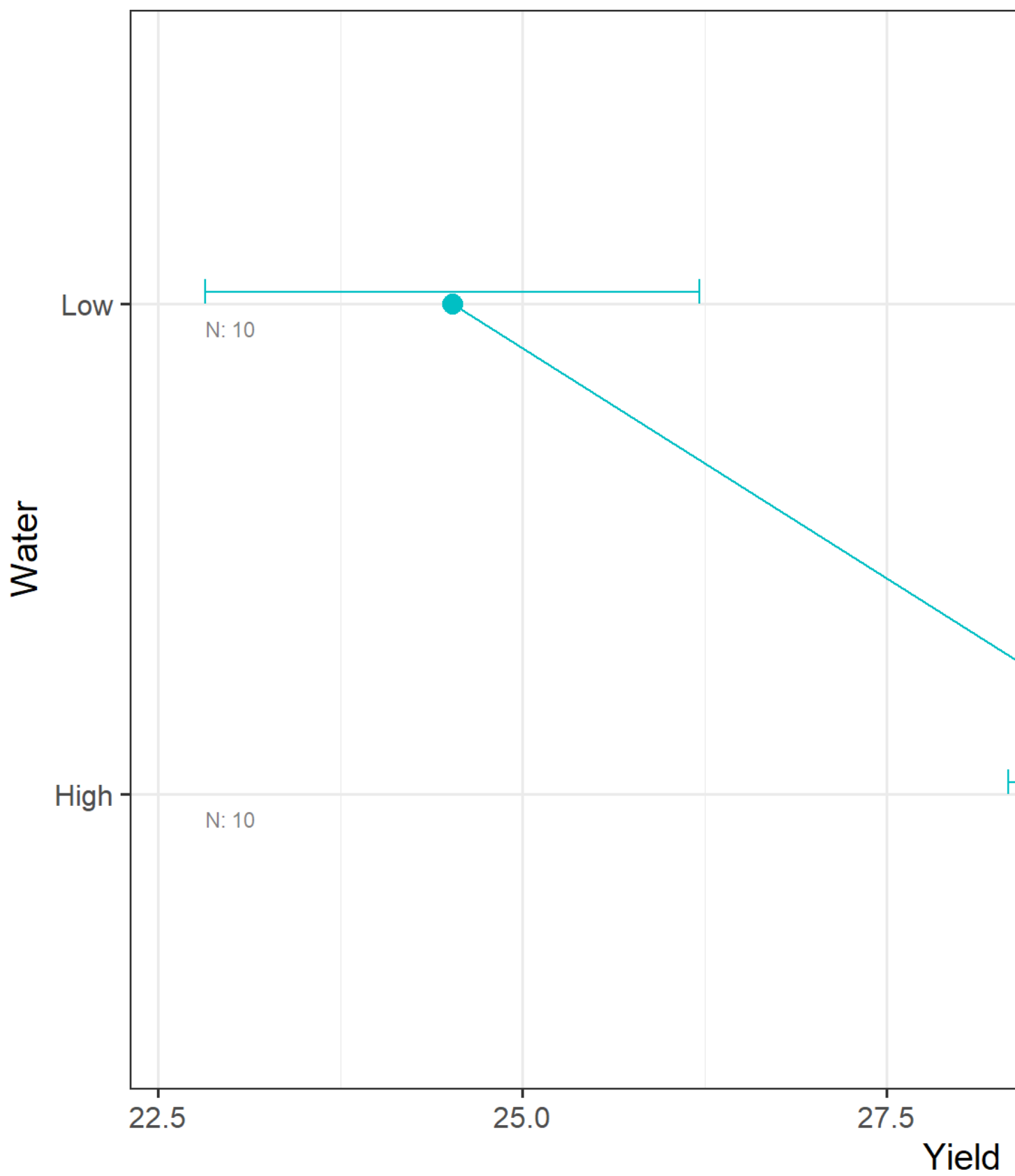


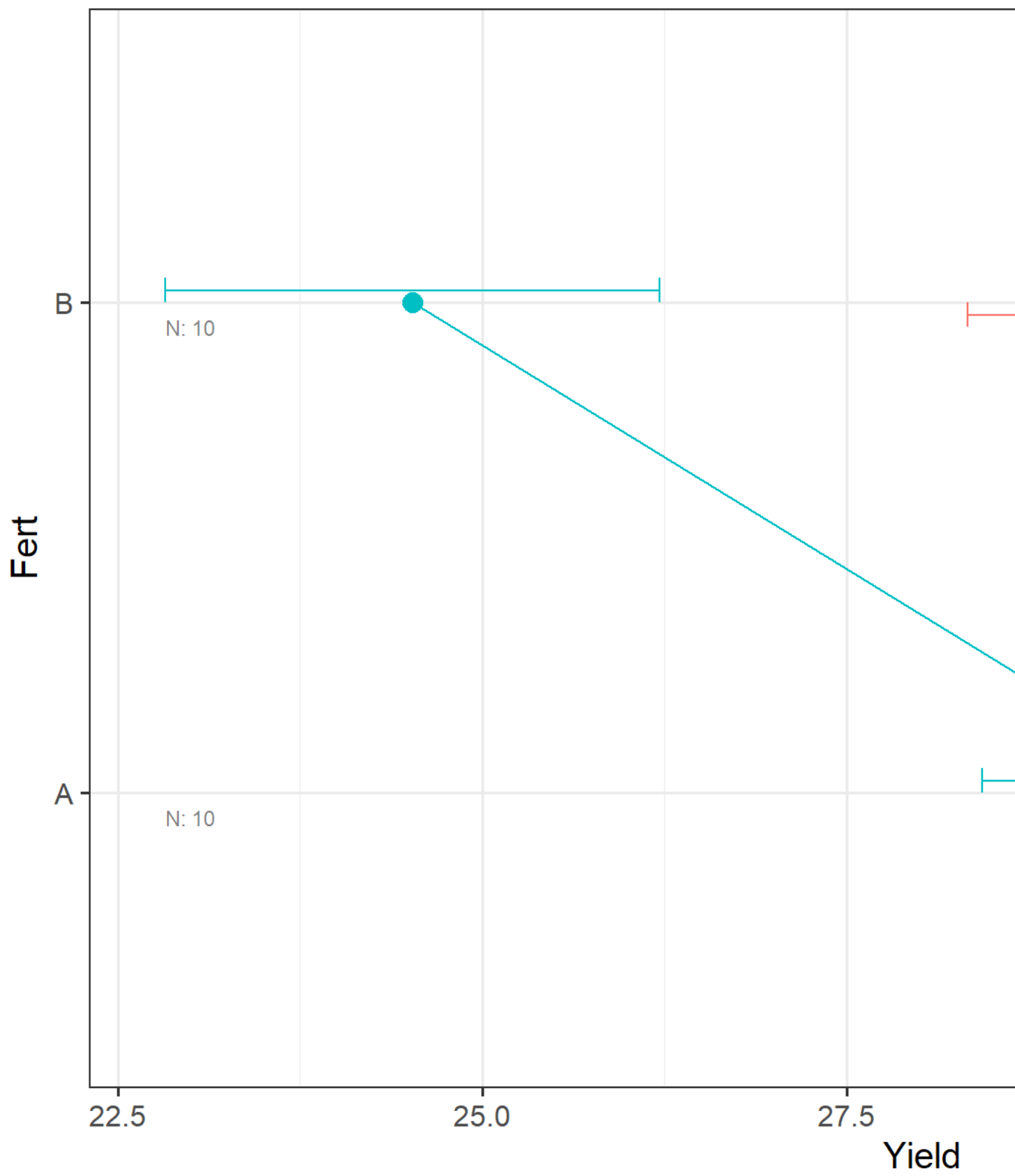






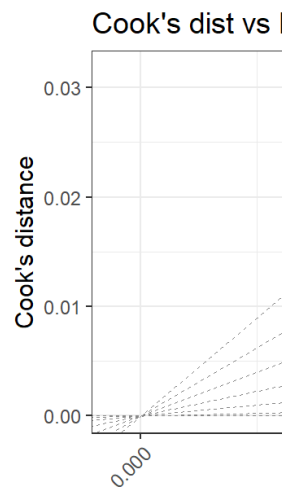
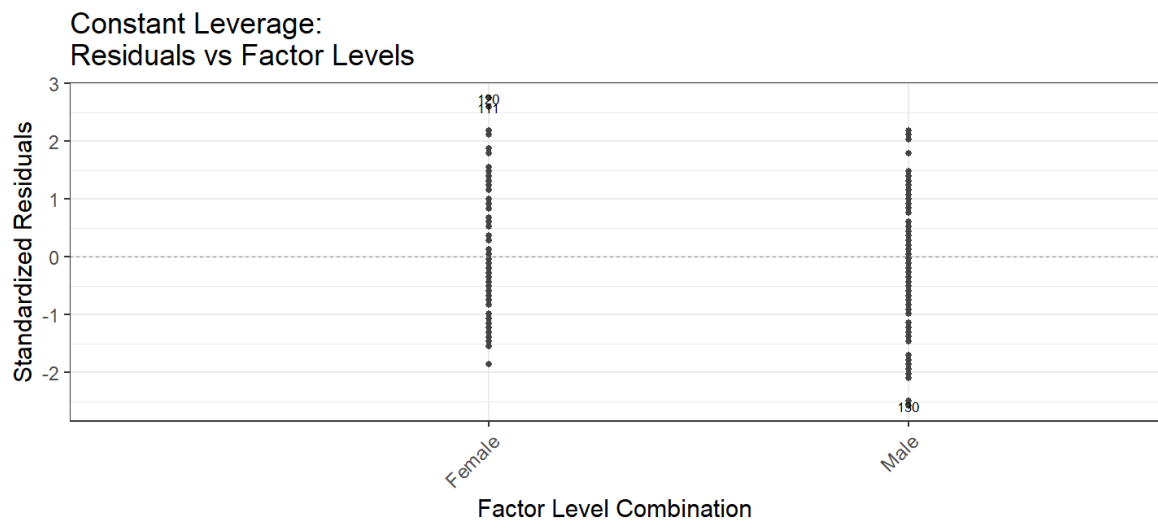
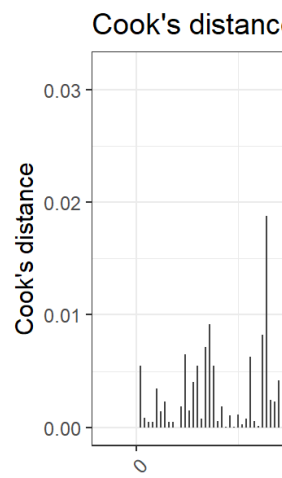
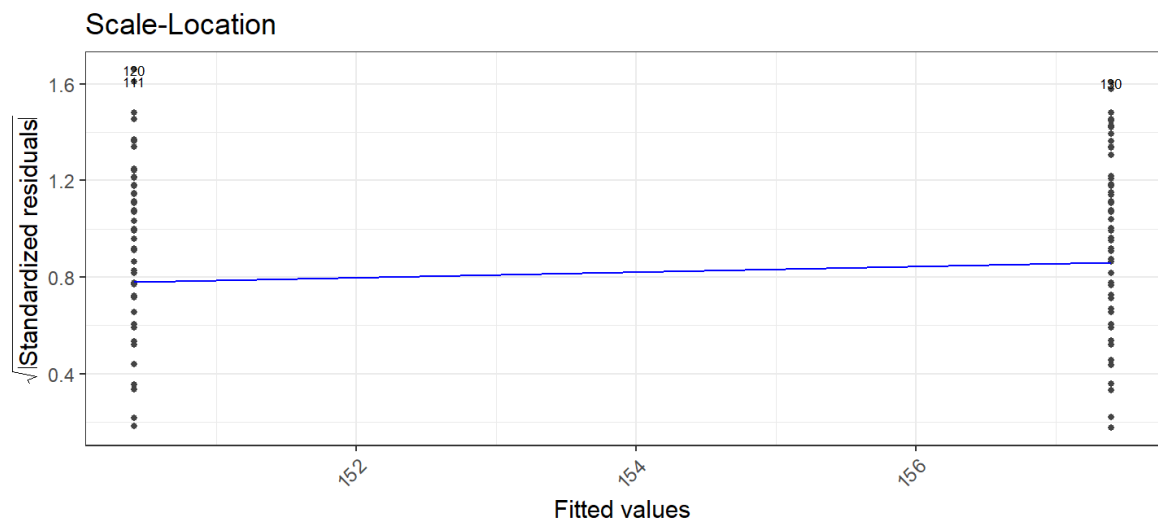
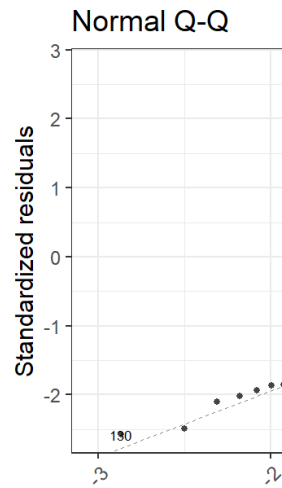
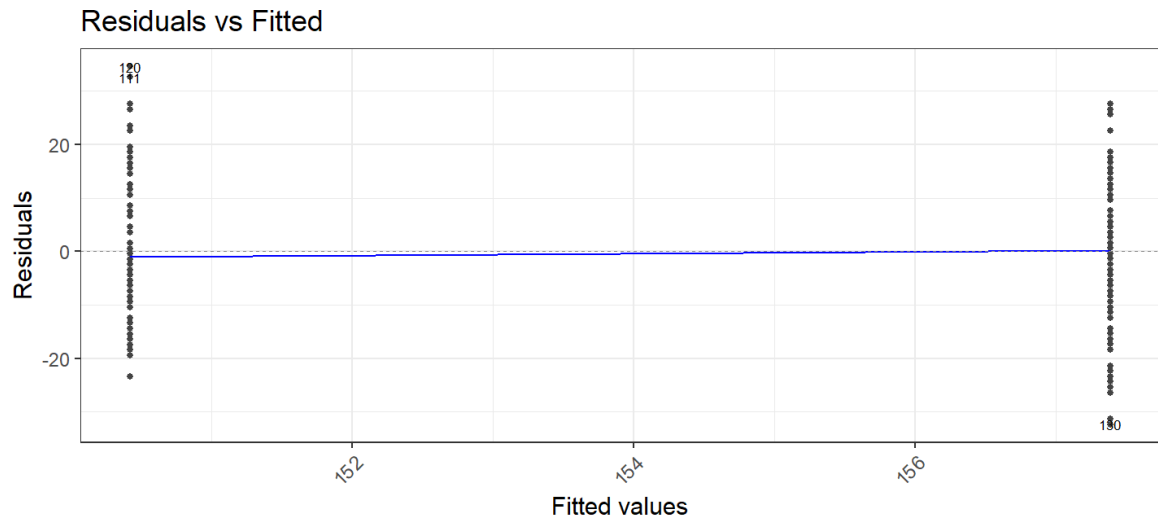
```
plot_interaction(df=df_crop_yield,dv=3,iv=1:2,type="se",order_factor=TRUE)
```

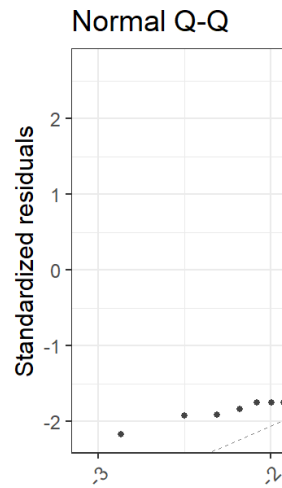
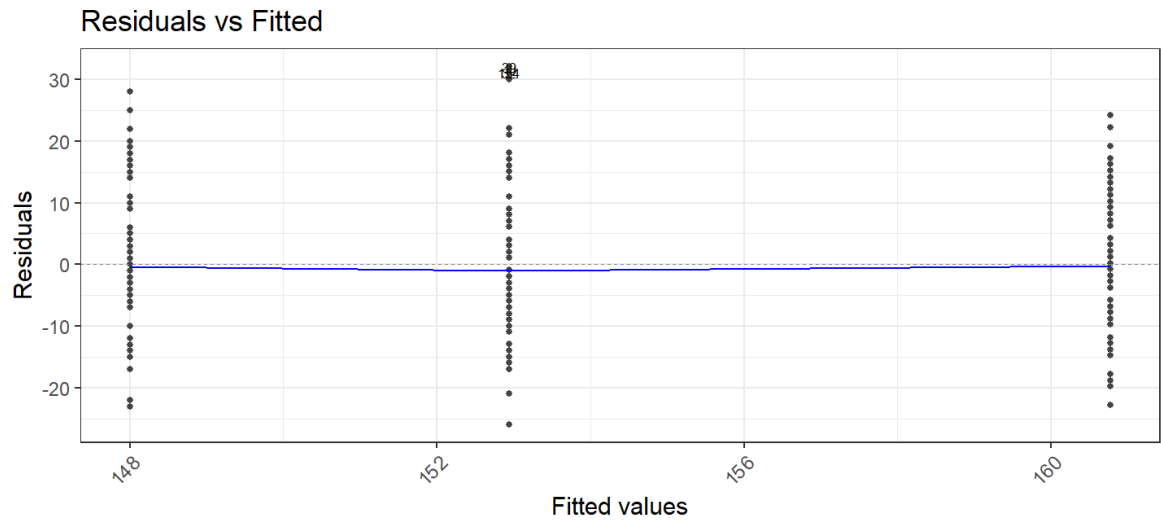




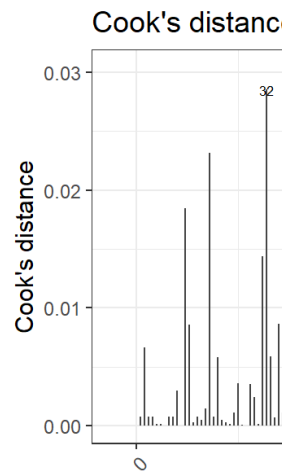
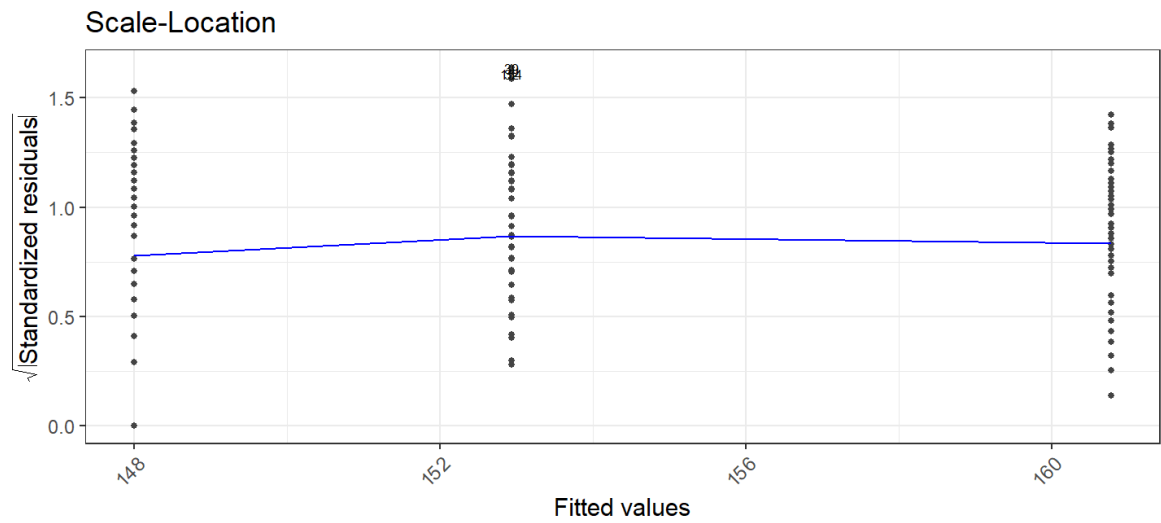
Plot ANOVA Diagnostics

```
plot_oneway_diagnostics(df=df_blood_pressure_melt,dv=5,iv=2:4,base_size=15)
```

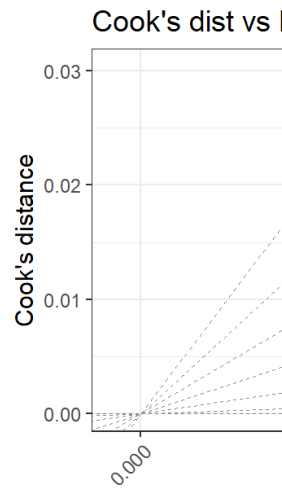
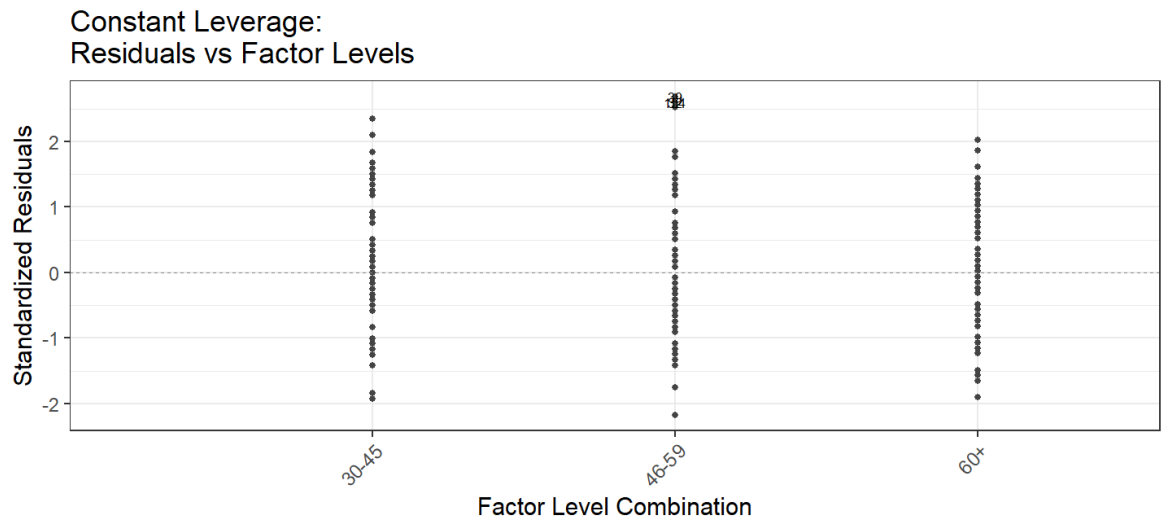





blood_pressure ~ agegrp
observations=240



blood_pressure ~ agegrp
observations=240



blood_pressure ~ agegrp
observations=240

