## 二、Violin drawing

## library(reshape2)

library(ggpubr)

data <- read.csv("/Users/mac/Desktop/各个事件前后事件顺序情绪值/显著结果小提琴图/TV9833\_disgust.csv",row.names = 1,header = TRUE)

p=ggviolin(data, x="Group", y="Value", fill = "Group",

           xlab="",

           ylab="伤心",

           add = "boxplot", add.params = list(color="white"),

           palette = c("#0088FF", "#FF5555"), width=1)

p=p+rotate\_x\_text(45)

p1=p+stat\_compare\_means(method = "wilcox.test", aes(label = "p.format"), label.x.npc ="left", label.y = 10.5,size = 5)

### Violin Diagram \_ Shows the code of Rplot\_TV9833\_disgust diagram (because its decimal number is easy to abbreviate)：

options(scipen = 999)

library(reshape2)

library(ggpubr)

data <- read.csv("/Users/mac/Desktop/各个事件前后事件顺序情绪值/显著结果小提琴图/TV9833\_disgust.csv",row.names = 1,header = TRUE)

p=ggviolin(data, x="Group", y="Value", fill = "Group",

           xlab="",

           ylab="伤心",

           add = "boxplot", add.params = list(color="white"),

           palette = c("#0088FF", "#FF5555"), width=1)

p=p+rotate\_x\_text(45)

p1=p+stat\_compare\_means(method = "wilcox.test", aes(label = "Wilcoxon”, ”p.format"), label.x.npc ="left", label.y = 40,size = 5)