R Notebook

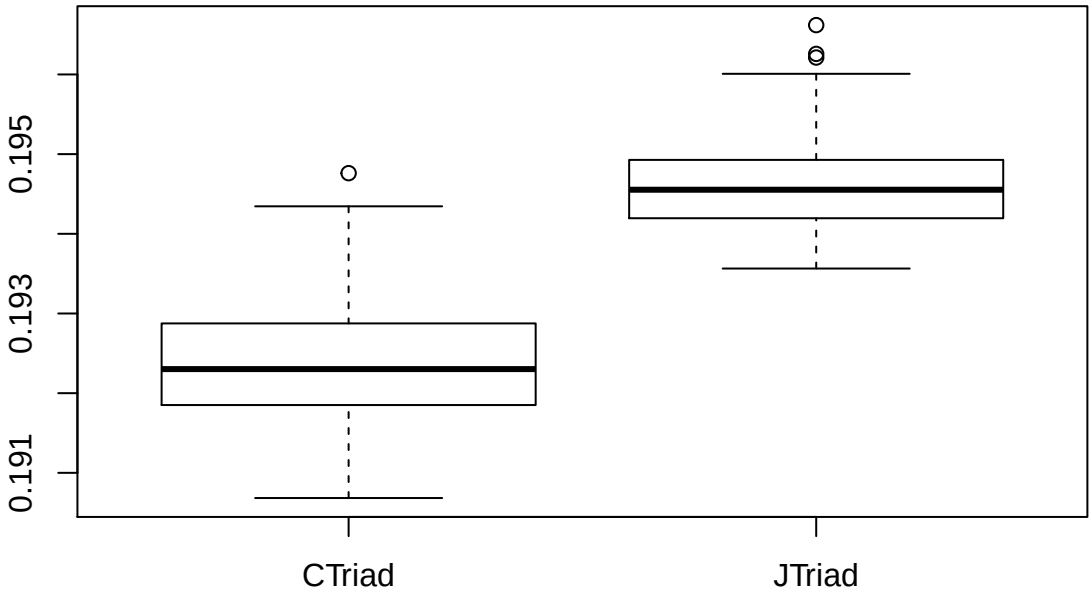
```
require(ggplot2)
```

```
## Loading required package: ggplot2
```

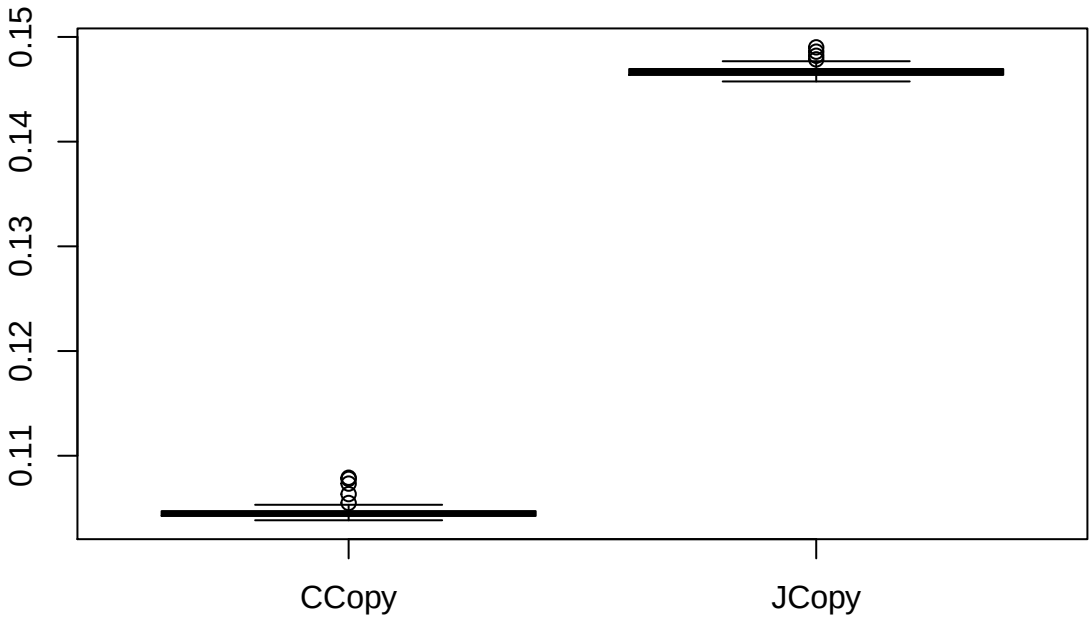
```
c16 <- read.csv("results/large-16/c.results", sep=";")
jl16 <- read.csv("results/large-16/jl.results", sep=";")
c32 <- read.csv("results/large-32/c.results", sep=";")
jl32 <- read.csv("results/large-32/jl.results", sep=";")
```

Large with 32 Threads on 2 Sockets

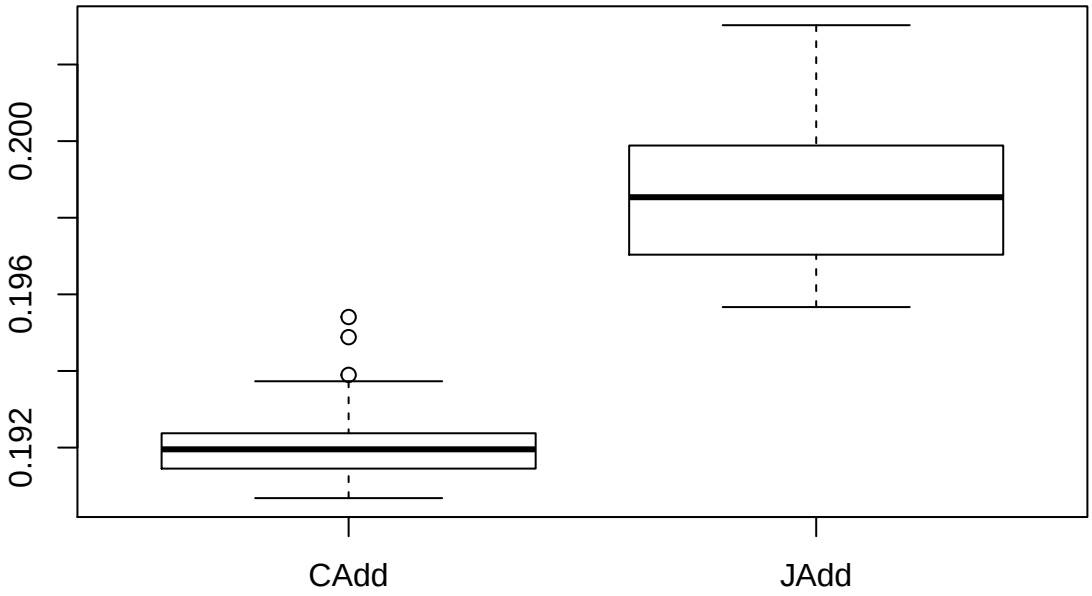
```
boxplot(x=as.list(c(c32['CTriad'], jl32['JTriad'])))
```



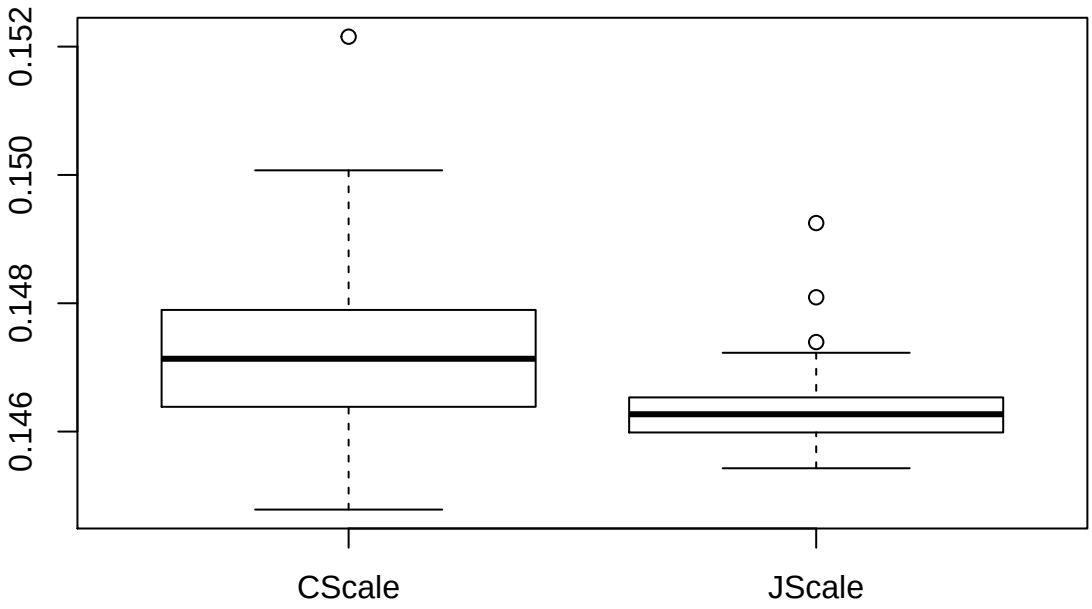

```
boxplot(x=as.list(c(c32['CCopy'], jl32['JCopy'])))
```



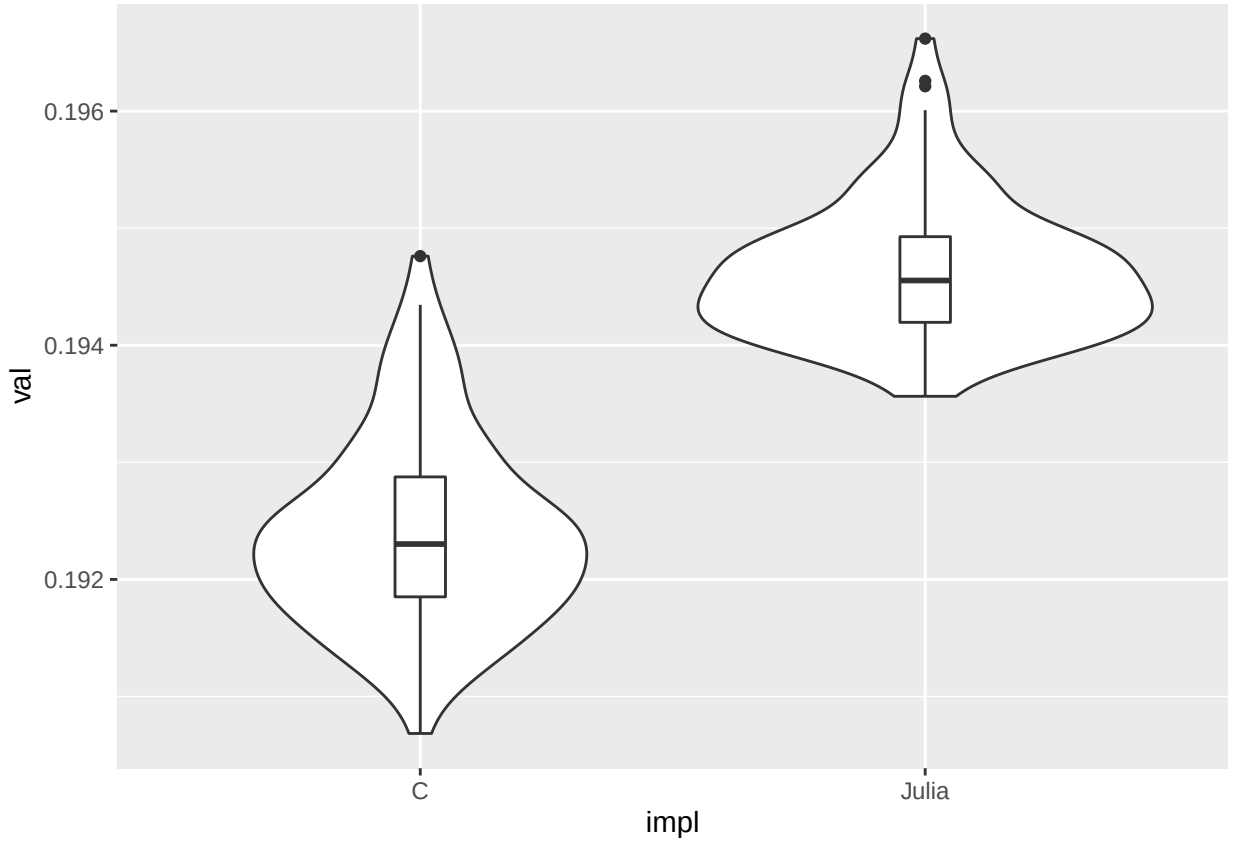

```
boxplot(x=as.list(c(c32['CAdd'], j132['JAdd'])))
```




```
boxplot(x=as.list(c(c32['CScale'], j132['JScale'])))
```

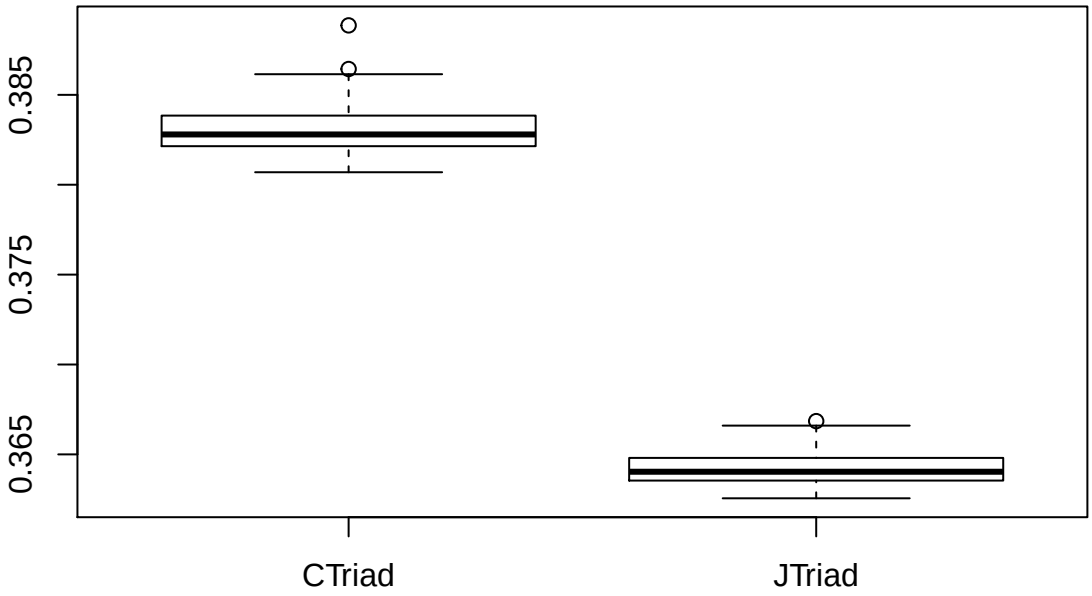



```
x32 <- data.frame(c(rep("Julia", 99), rep("C", 99)), c(jl32$JTriad, c32$CTriad))
colnames(x32) <- c("impl", "val")
ggplot(x32, aes(x=impl, y=val)) + geom_violin() + geom_boxplot(width=0.1)
```

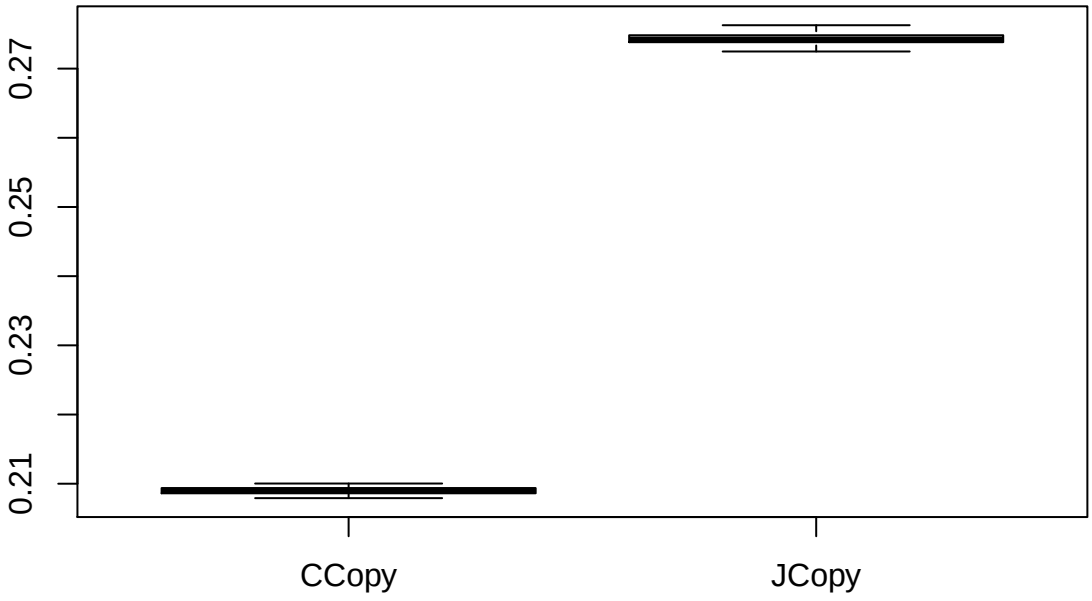


Large with 16 Threads on 1 Socket

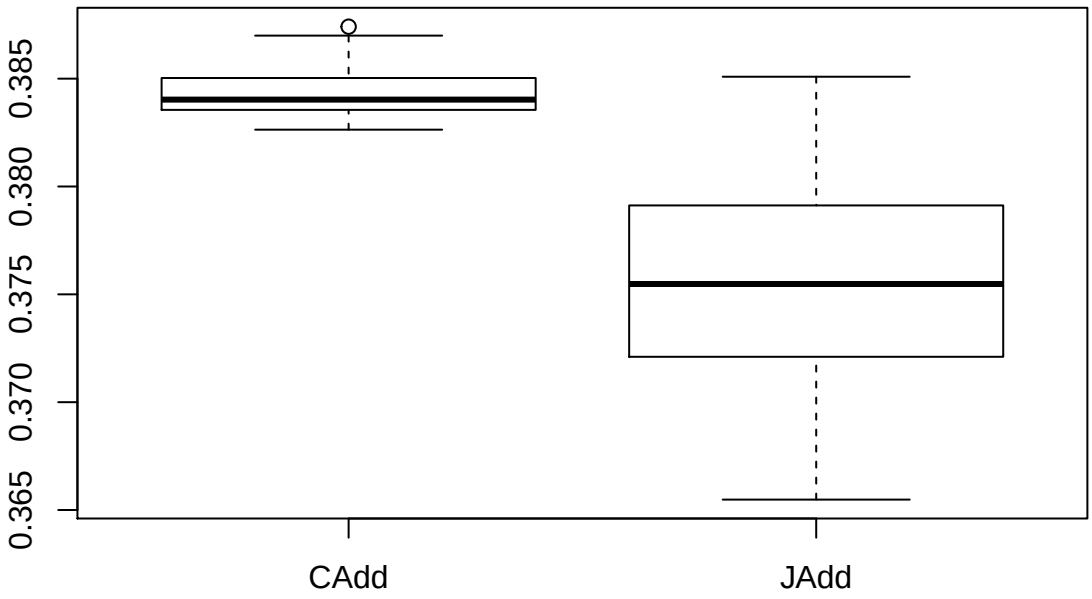
```
boxplot(x=as.list(c(c16['CTriad'], jl16['JTriad'])))
```



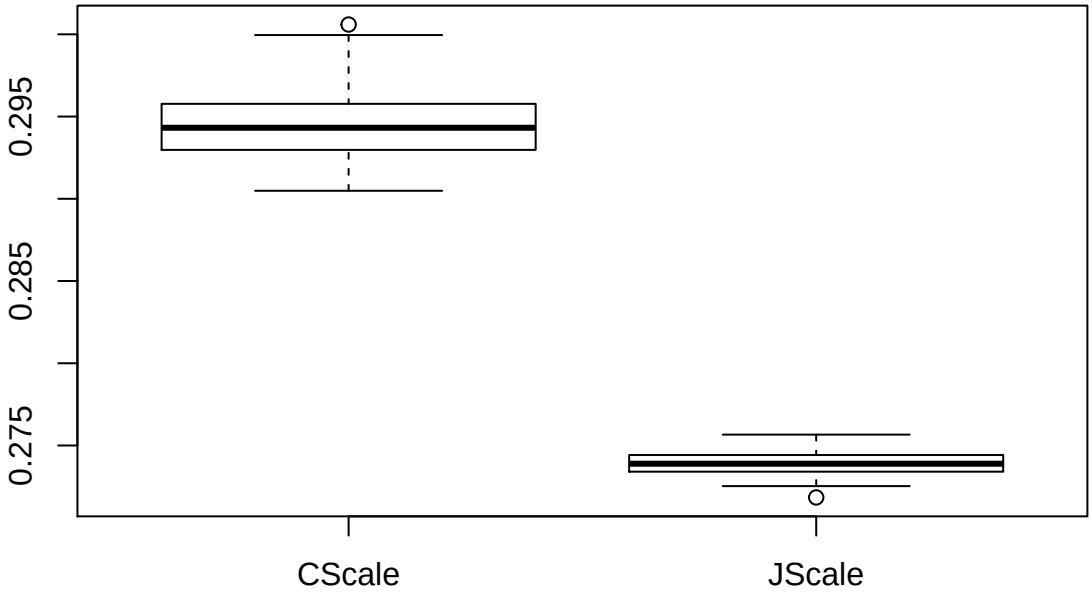

```
boxplot(x=as.list(c(c16['CCopy'], jl16['JCopy'])))
```



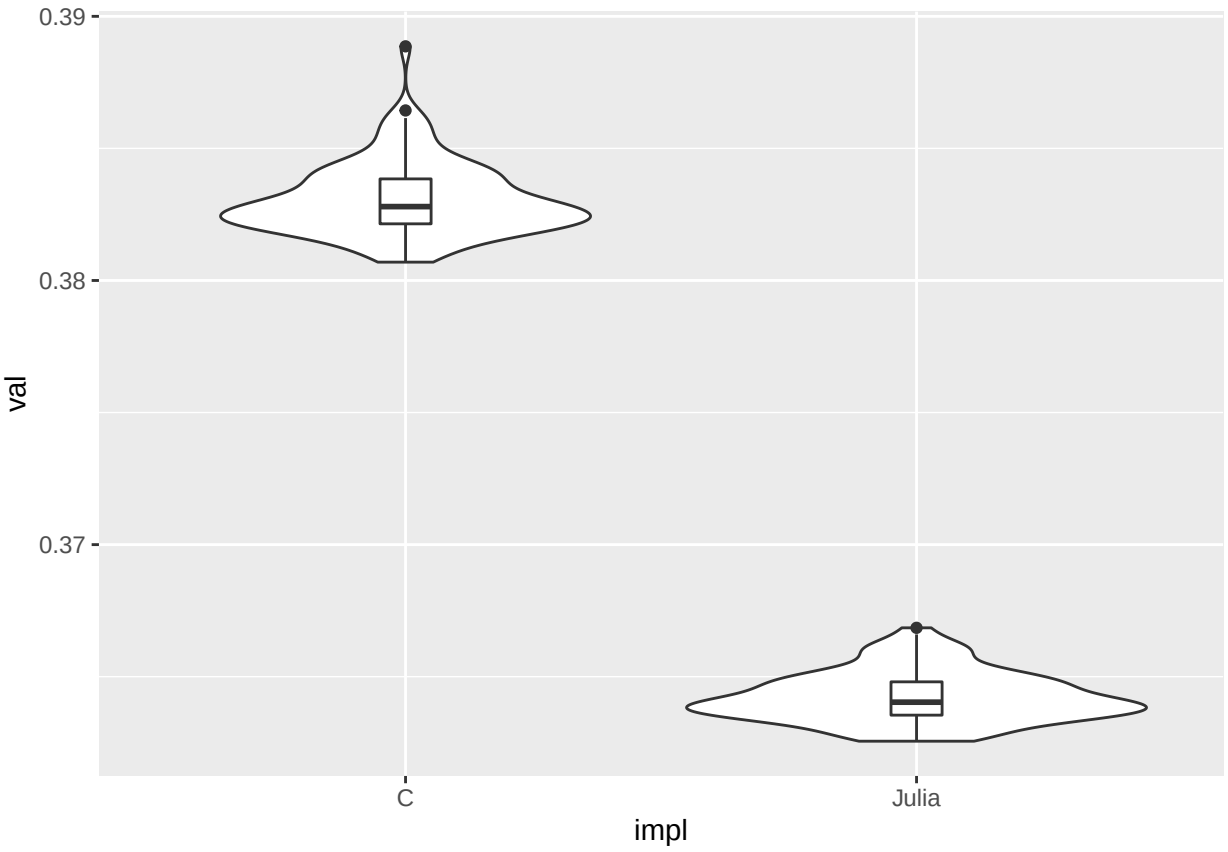

```
boxplot(x=as.list(c(c16['CAdd'], jl16['JAdd'])))
```




```
boxplot(x=as.list(c(c16['CScale'], jl16['JScale'])))
```




```
x16 <- data.frame(c(rep("Julia", 99), rep("C", 99)), c(jl16$JTriad, c16$CTriad))
colnames(x16) <- c("impl", "val")
ggplot(x16, aes(x=impl, y=val)) + geom_violin() + geom_boxplot(width=0.1)
```


0.39
0.38
0.37
val
C
Julia
impl