tfg part 2

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```r
a <- c(3, 5, 6, 9, 5, 4, 7, 4, 9, 6, 7, 6, 5, 4, 6, 5, 4, 3)
(mean_a <- round(sum(a)/length(a),4))
```

```
## [1] 5.4444
```

```r
b <- c(4, 3, 3, 7, 0, 2, 4, 4, 2, 7, 10, 4, 2, 5, 8, 4, 3, 1)
(mean_b <- round(sum(b)/length(b),4))
```

```
## [1] 4.0556
```

```r
c <- c(7, 4, 7, 8, 3, 3, 8, 6, 5, 7, 8, 6, 6, 7, 7, 8, 3, 5)
(mean_c <- round(sum(c)/length(c),4))
```

```
## [1] 6
```

```r
d <- c(5, 6, 5, 7, 2, 3, 7, 6.5, 6, 8, 9, 6.5, 5, 8, 7, 9.5, 3)
(mean_d <- round(sum(d)/length(d),4))
```

```
## [1] 6.0882
```

```r
dades <- data.frame(Items = factor(c(rep("Connexió BigQuery", length(a)),
         rep("Consultes SQL BigQuery", length(b)),
         rep("Connexió amb R", length(c)),
         rep("Valoració global", length(d)))), Valoracio = c(a,b,c,d))
```

```r
dades3 <- data.frame(cbind(rbind(mean_a, mean_b, mean_c, mean_d), rbind("Connexió BigQuery", "Consultes
colnames(dades3) <- c("Valoració mitjana", "Entorn")
```

```r
ggplot(dades, aes(x=Items, y=Valoracio)) +
  geom_boxplot(fill = "#1d91c0") + ylab("Valoració mitjana") +
  xlab("") + theme_minimal()
```
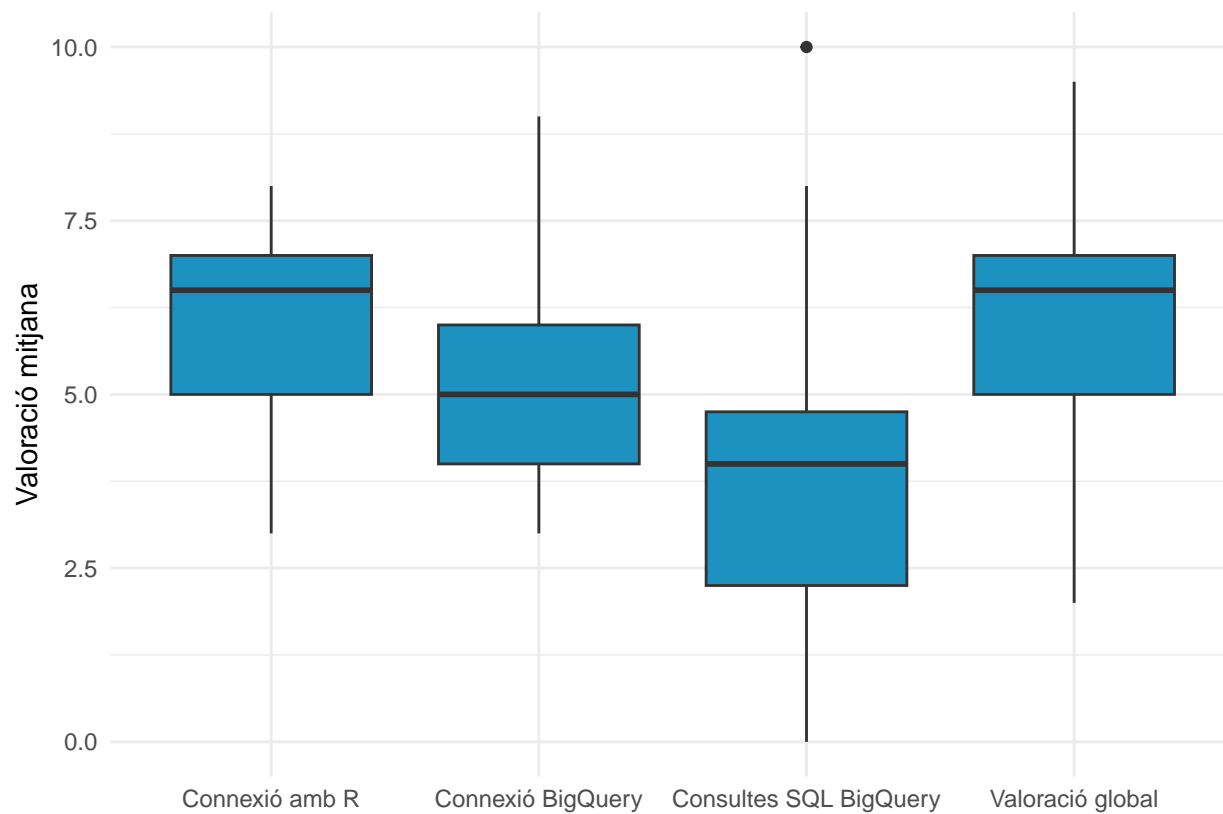
```
ggplot(data=dades3, aes(x=dades3$Entorn, y=dades3$`Valoració mitjana`)) +
  geom_bar(stat="identity", col = "#1d91c0", fill =
      "#1d91c0") +
        ylab("Valoració mitjana") +
  xlab("") +
        theme_minimal()
```
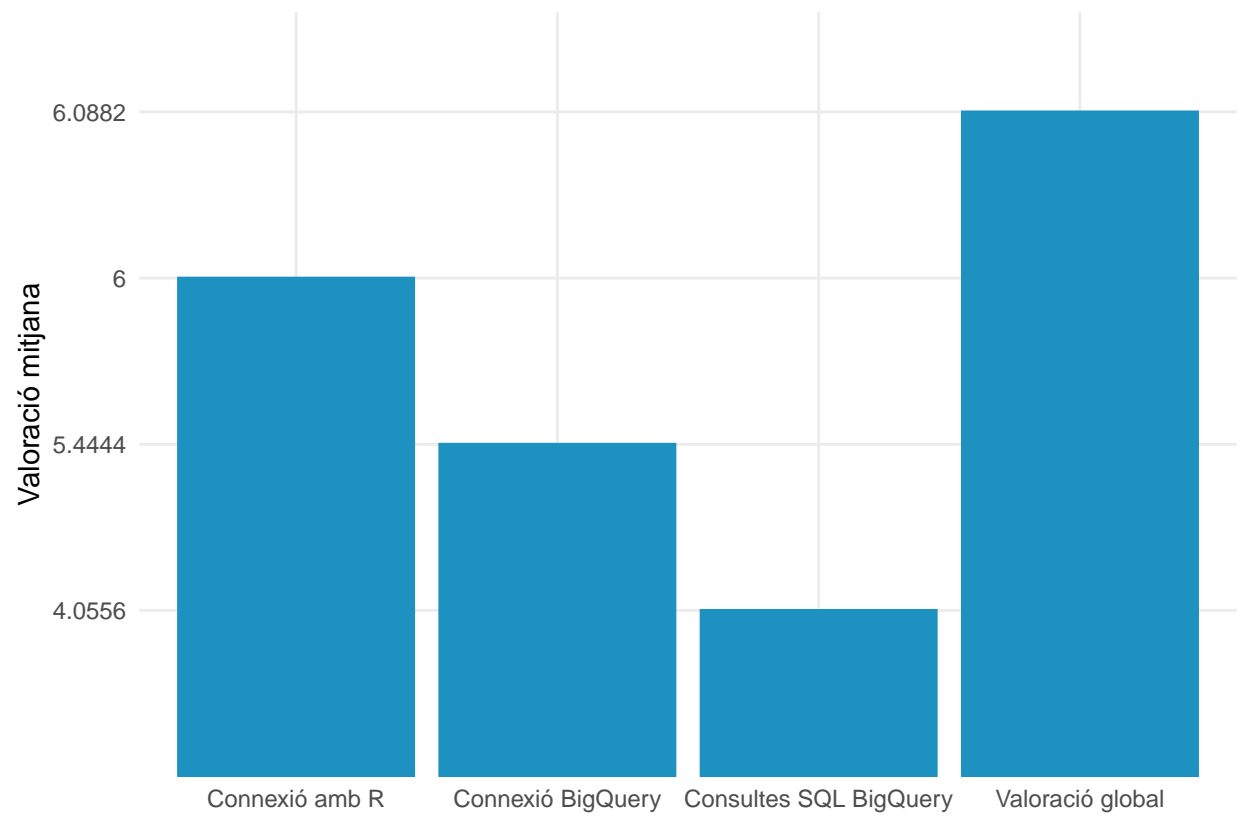
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