

```
1 library("car")
2 library("MASS")
3 library("RJSONIO")
4
5 data <- read.csv("people.csv")
6
7 write(toJSON(sapply(data[-(1:5)],mean)), file="mean.json")
8 write(toJSON(sapply(data[-(1:5)],sd)), file="sd.json")
9
10 standardized = as.data.frame(scale(data[-(1:5)]))
11
12 ranking = prcomp(standardized)
13
14 screeplot(ranking, type="lines")
15
16
17 write(toJSON(ranking$rotation), file="pca.json")
18 write.csv(ranking$rotation, file="pca.csv")
```