

Project 1

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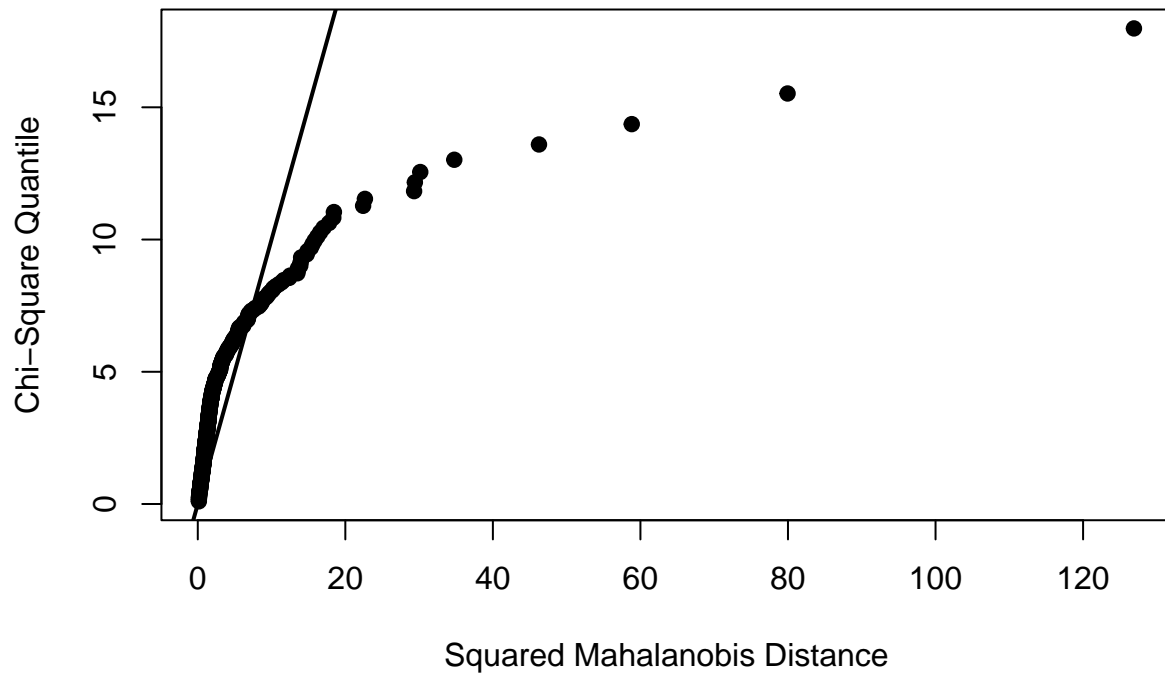
#filtering data

our different considerations of groupings

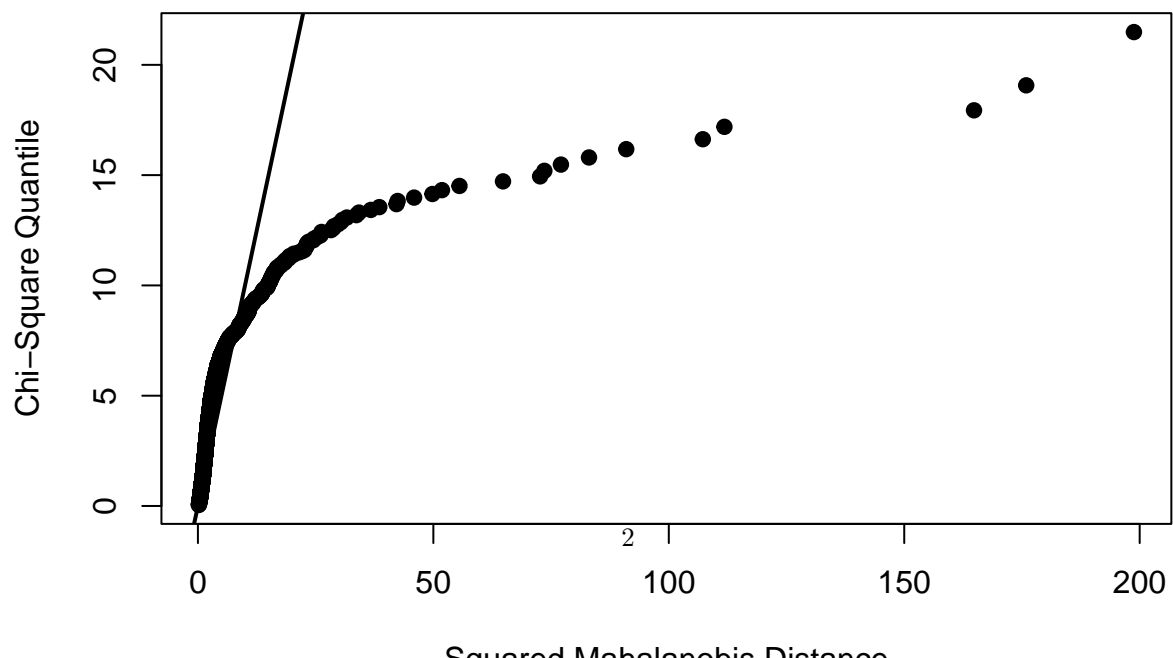
Independent?

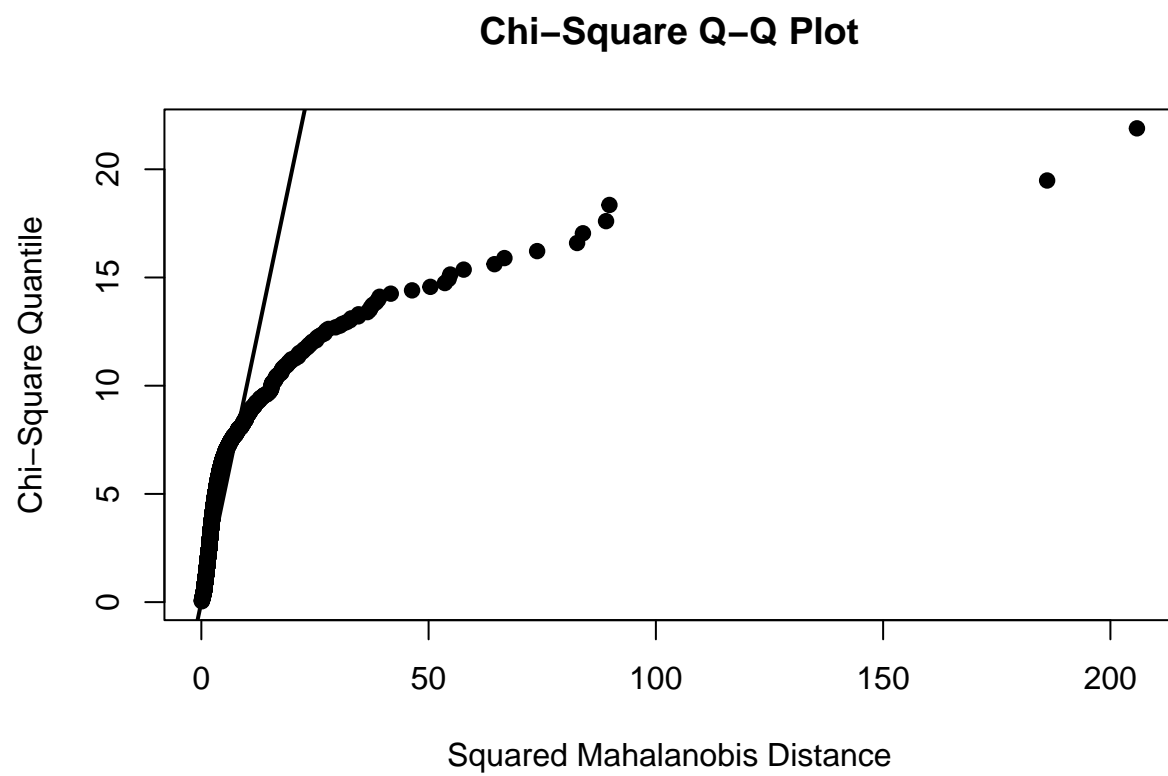
Normality?

Chi-Square Q-Q Plot



Chi-Square Q-Q Plot



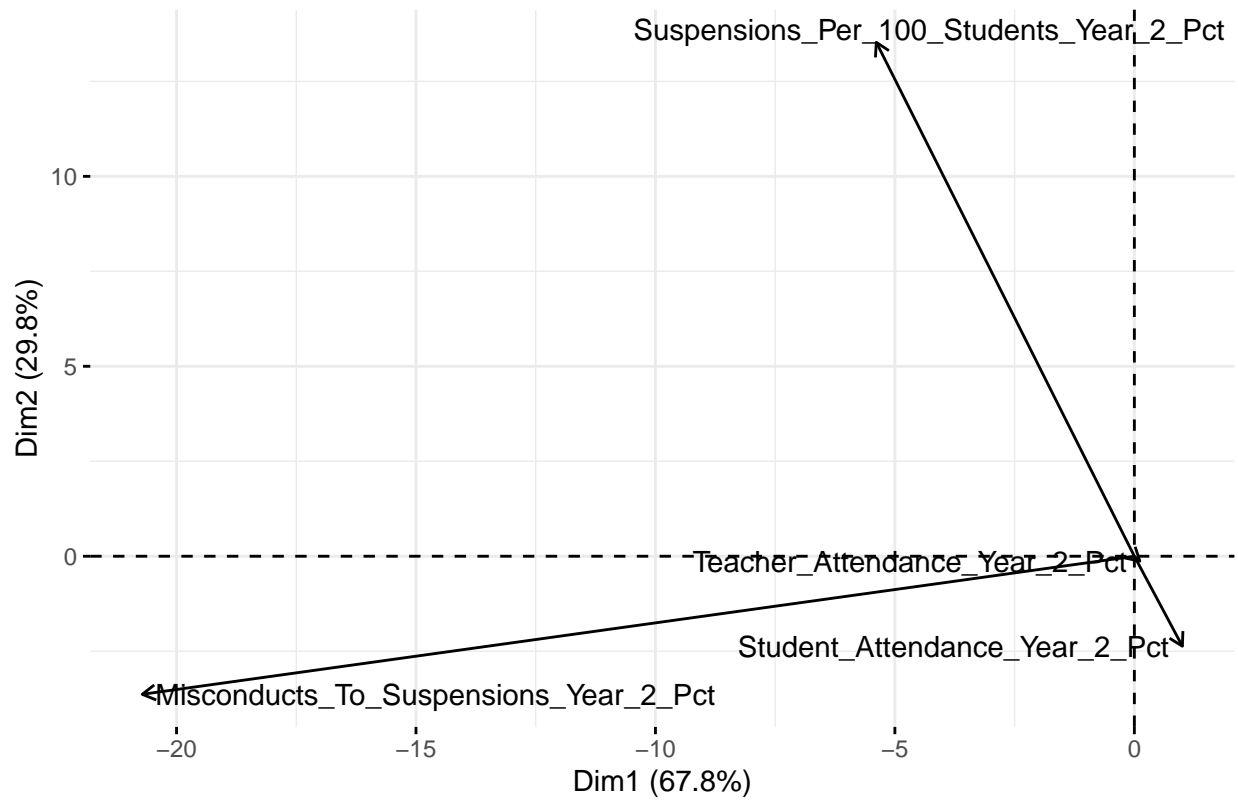


#MANOVA

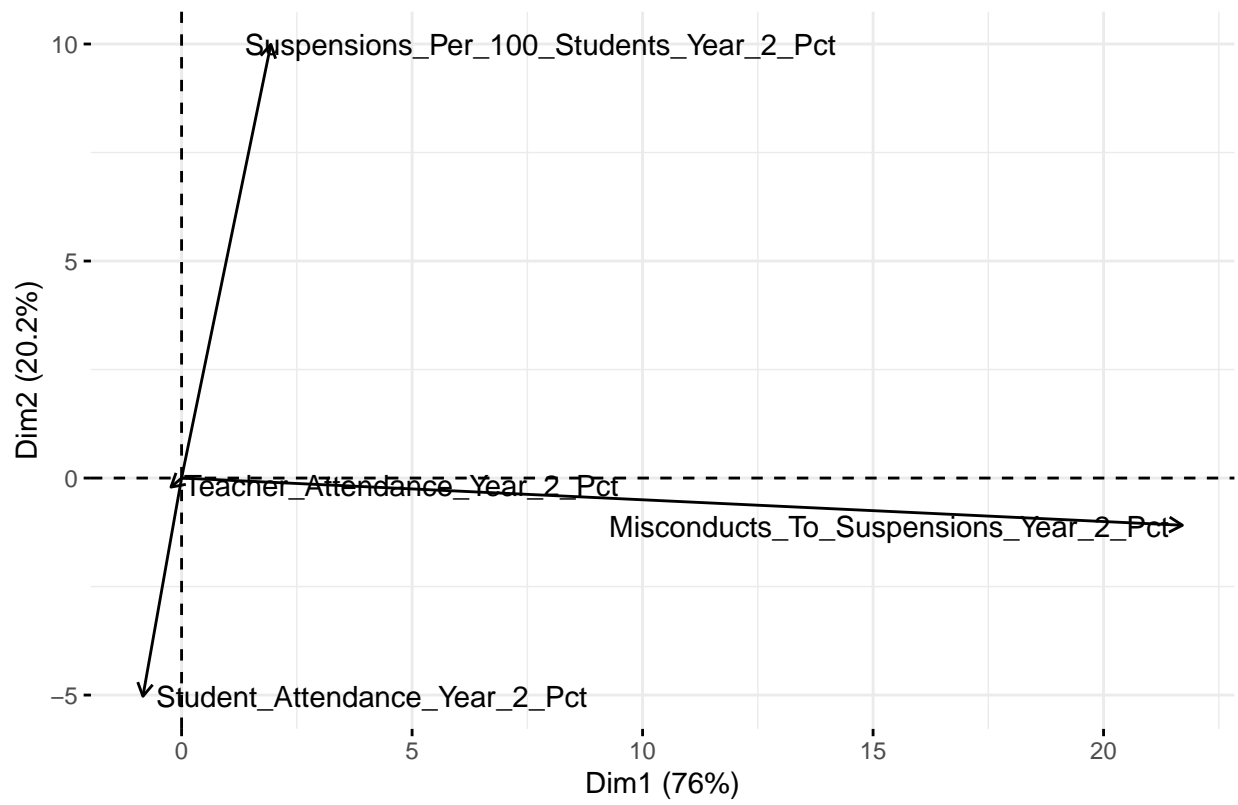
#PCA

Welcome! Want to learn more? See two factoextra-related books at <https://goo.gl/ve3WBa>

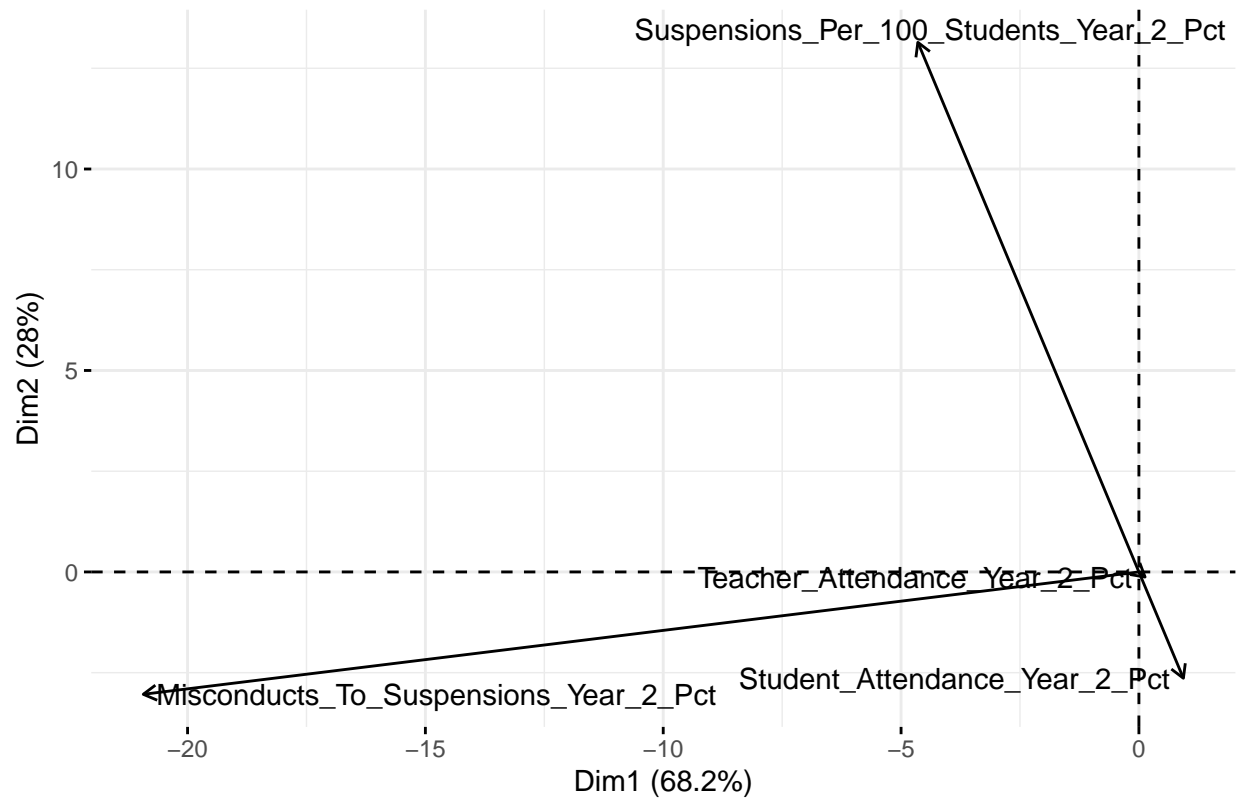
Variables – PCA



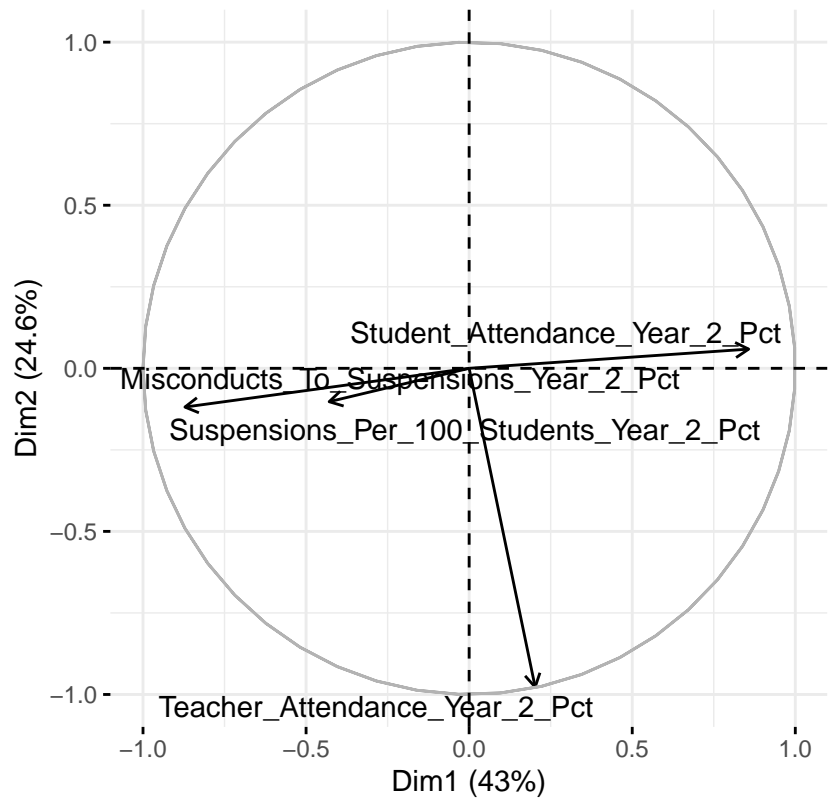
Variables – PCA



Variables – PCA

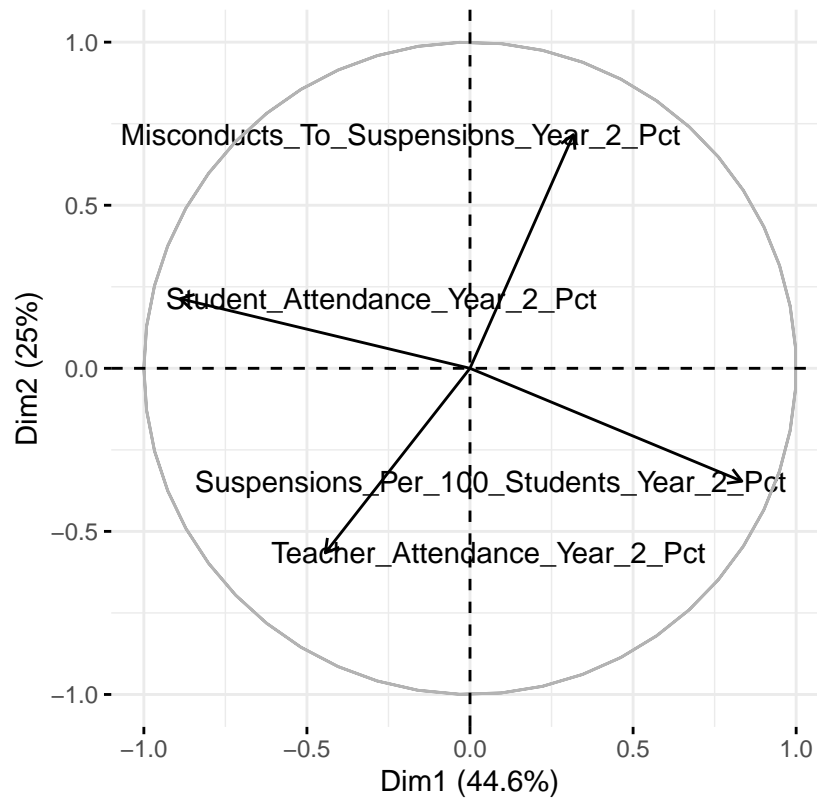


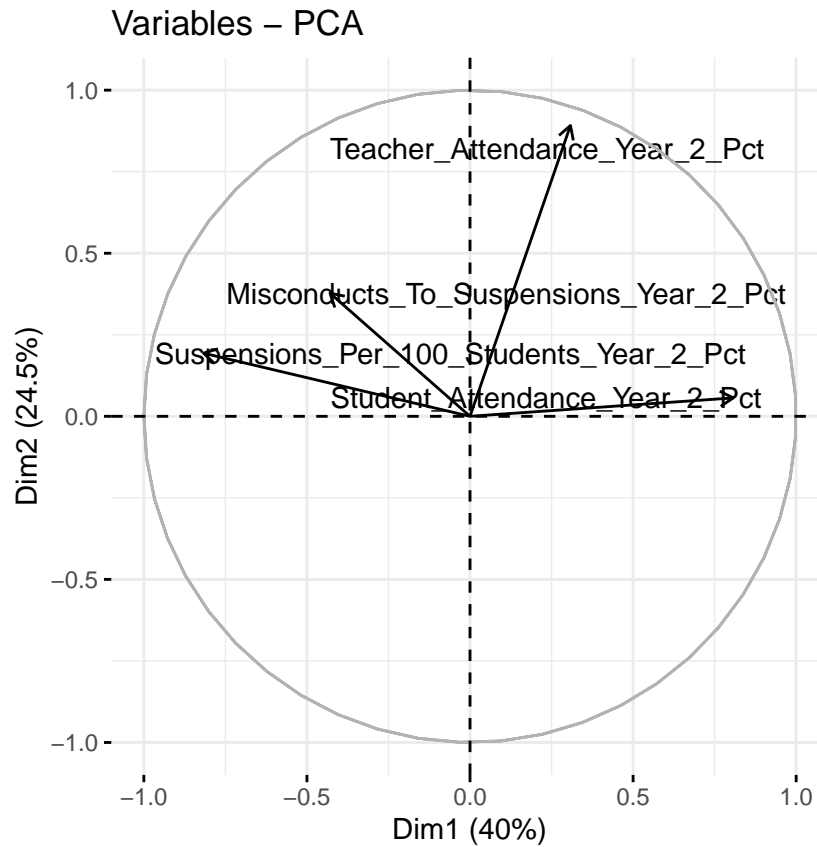
Variables – PCA



#PCA if scaled by sd

Variables – PCA





```
# extra analysis on the difference between elementary school and high school
```

```
#box plot
```

```
##
```

```
## Attaching package: 'gridExtra'
```

```
## The following object is masked from 'package:dplyr':
```

```
##
```

```
## combine
```

