The task for the MRL lab

You are given data from Cao *et. al.* paper about modelling retention behaviour for HILIC chromatography. Your task is to find the most suitable MRL model based on the given data. NB! Your model does not have to be (and most likely is not) the same as in the paper.

Please consider the following steps in optimal order:

- Data preprocessing
- Training & Testing and/or cross-validation
- Variable selection
- Using the model to predict the results
- Validation of the results
- Plotting of the predictions

Submit your R code as "*name.R*" file. All comments are to be written into the code. Use

```
#comment
```

for this.