# PLSR for corn V2 PDF Markdown

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```
## R.matlab v3.6.2 (2018-09-26) successfully loaded. See ?R.matlab for help.
##
## Attaching package: 'R.matlab'
## The following objects are masked from 'package:base':
##
##     getOption, isOpen
## Warning: package 'pls' was built under R version 3.5.2
##
## Attaching package: 'pls'
## The following object is masked from 'package:stats':
##
##     loadings
## Loaded lars 1.2
```
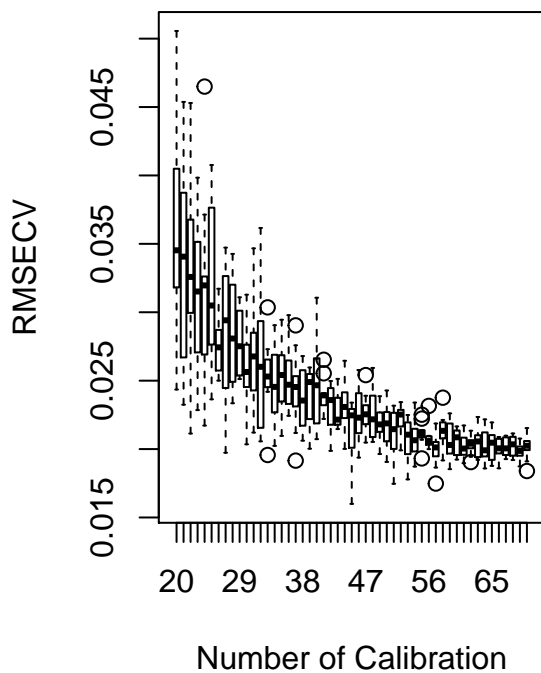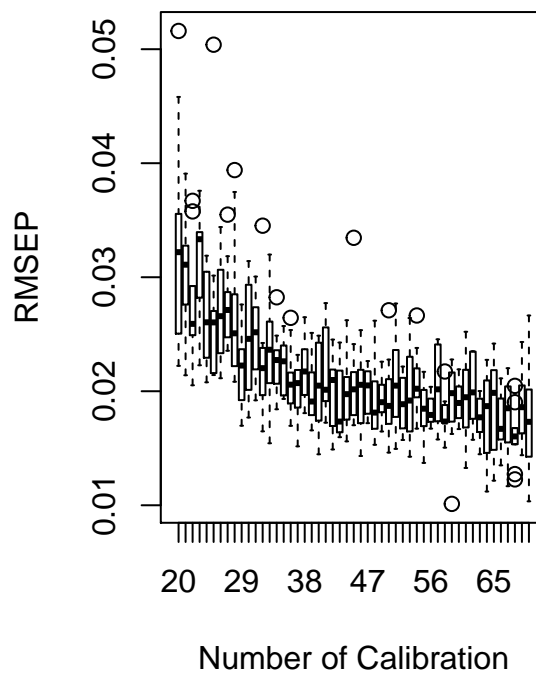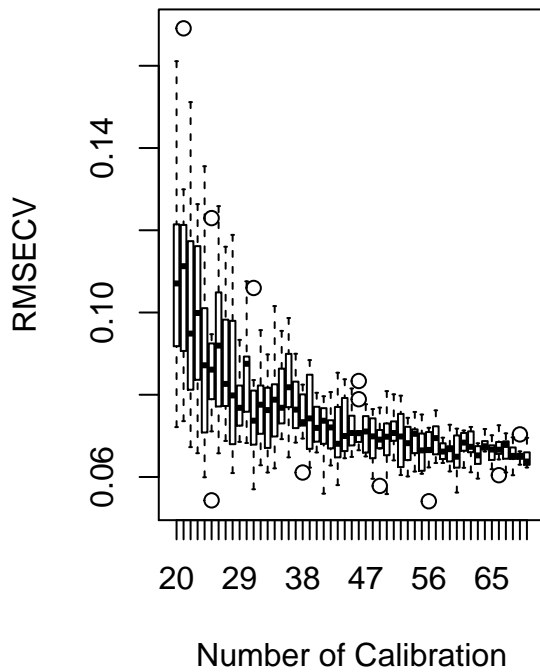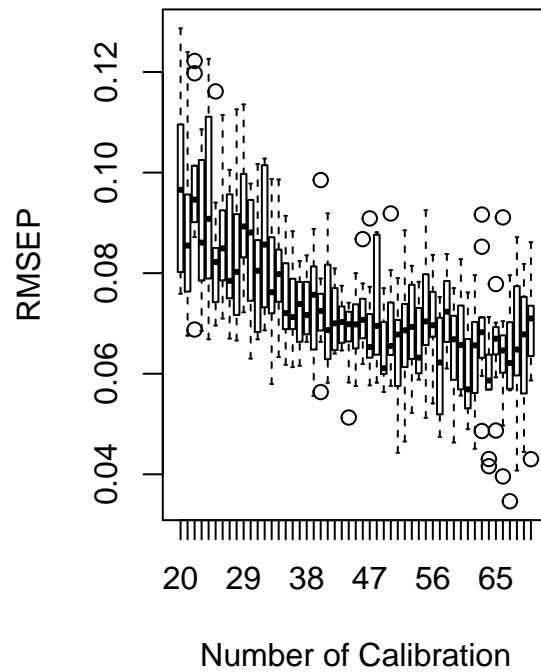
## PLS 1~m5data Loop=10



## PLS 1~m5data Loop=10



```
##           V1          V2          V3
## 45.00000000  0.02397421  0.02151307
```
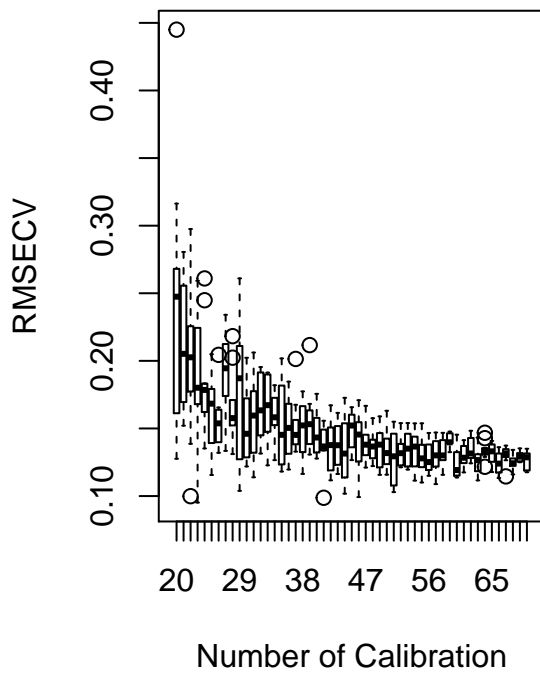
## PLS 2~m5data Loop=10

RMSECV

Number of Calibration

## PLS 2~m5data Loop=10

RMSEP

Number of Calibration

```
##              V1            V2            V3
## 45.00000000    0.07537808    0.07381126
```

## PLS 3~m5data Loop=10

RMSECV

Number of Calibration

## PLS 3~m5data Loop=10

RMSEP

Number of Calibration

```
##             V1           V2           V3
## 45.0000000    0.1484706    0.1403250
```

2

## PLS 4~m5data Loop=10



Number of Calibration
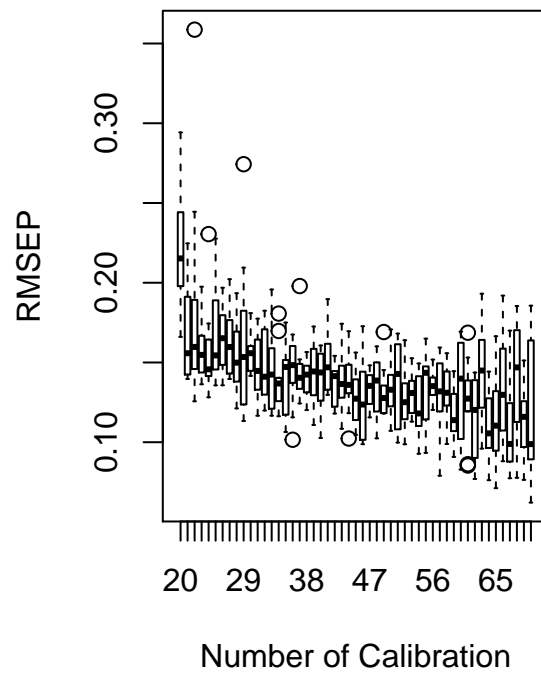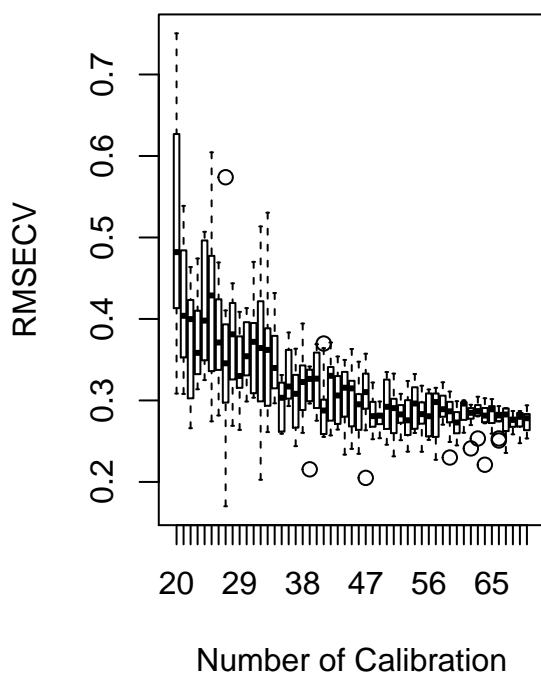
```
##              V1          V2          V3
## 45.0000000   0.3182001   0.2987576
```

## PLS 4~m5data Loop=10



Number of Calibration

## PLS 1~mp5data Loop=10



Number of Calibration
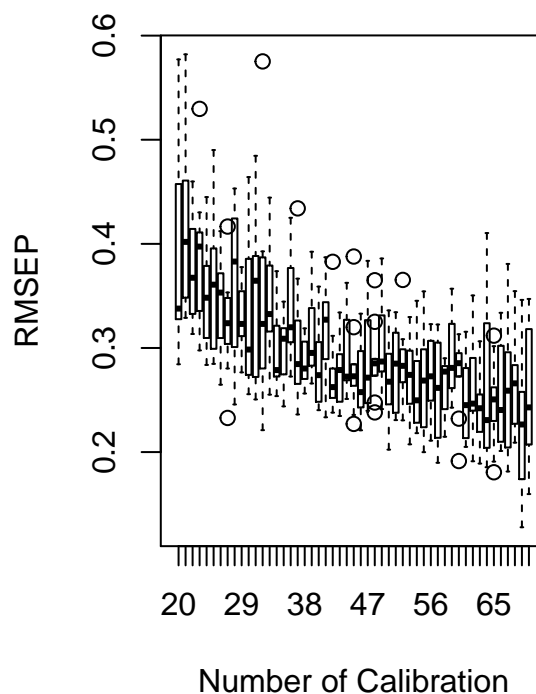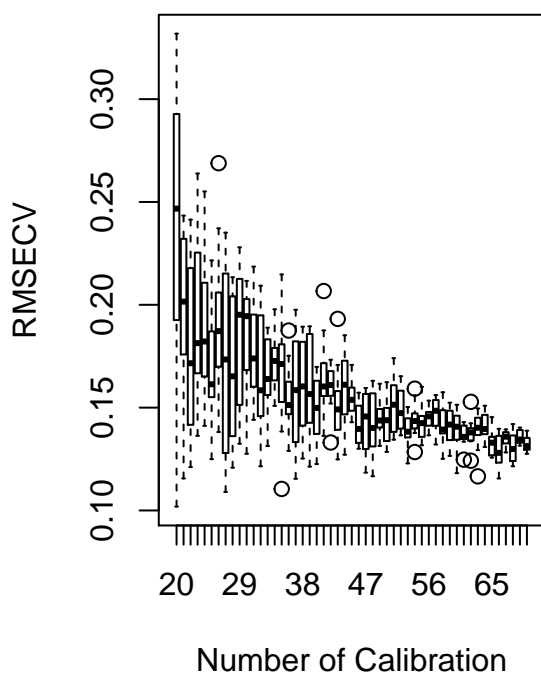
```
##              V1          V2          V3
## 45.0000000   0.1565162   0.1530695
```

## PLS 1~mp5data Loop=10



Number of Calibration

**PLS 2~mp5data Loop=10**



Number of Calibration
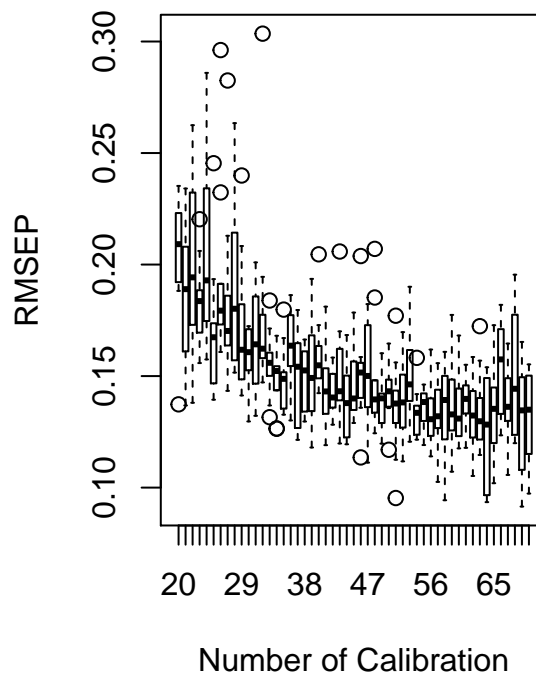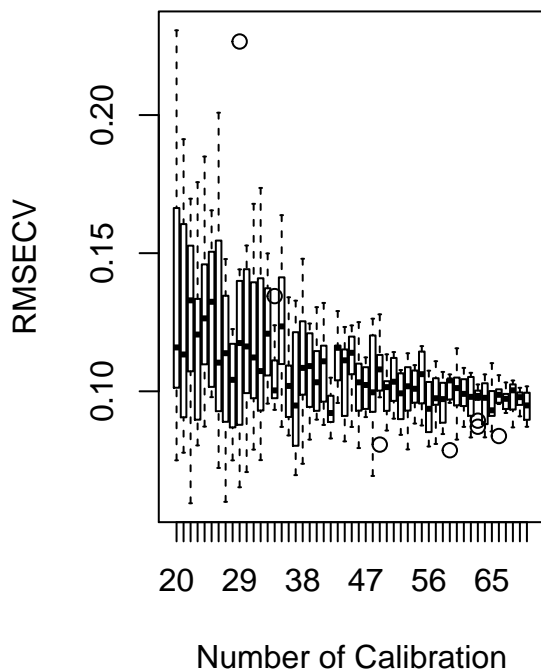
```
##            V1          V2          V3
## 45.0000000   0.1070578   0.1115071
```

**PLS 2~mp5data Loop=10**



Number of Calibration

**PLS 3~mp5data Loop=10**



Number of Calibration
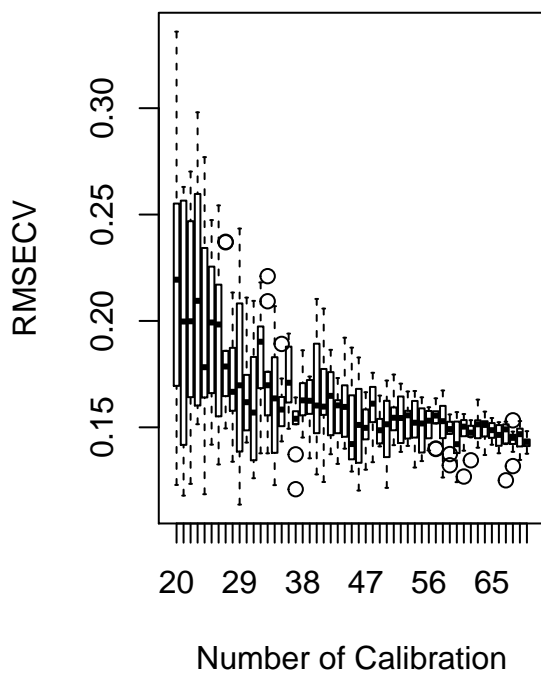
```
##            V1          V2          V3
## 45.0000000   0.1626079   0.1575162
```

**PLS 3~mp5data Loop=10**



Number of Calibration

## PLS 4~mp5data Loop=10
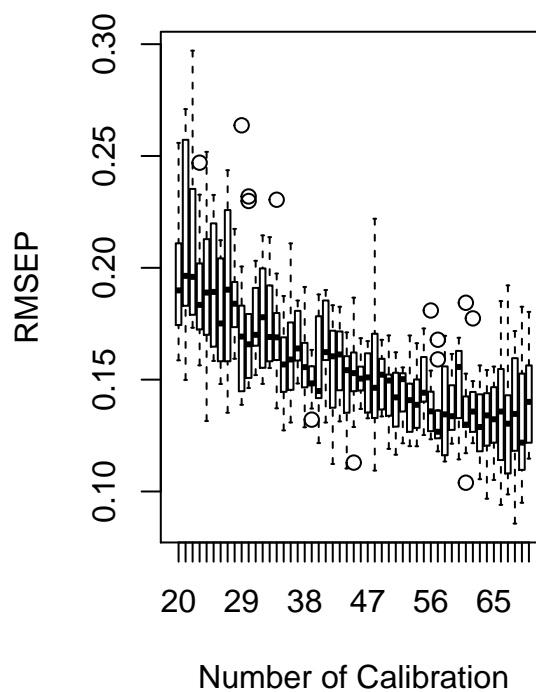


## PLS 4~mp5data Loop=10
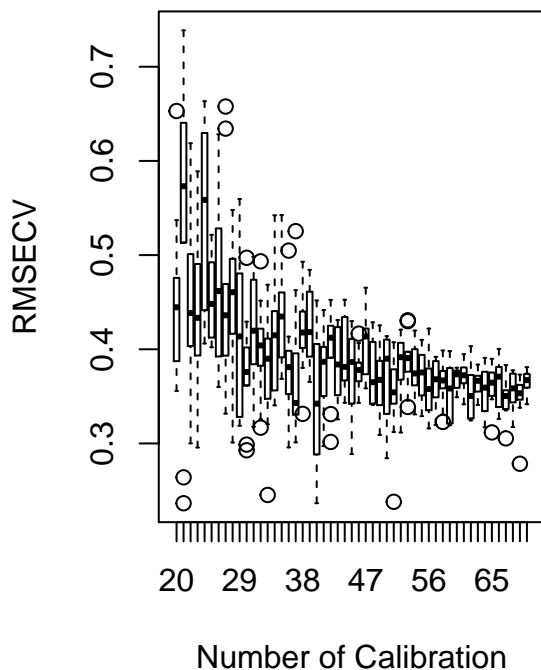


```
##               V1           V2           V3
## 45.0000000    0.3949368    0.4102688
```

## PLS 1~mp6data Loop=10



## PLS 1~mp6data Loop=10



```
##               V1           V2           V3
## 45.0000000    0.1731259    0.1690747
```
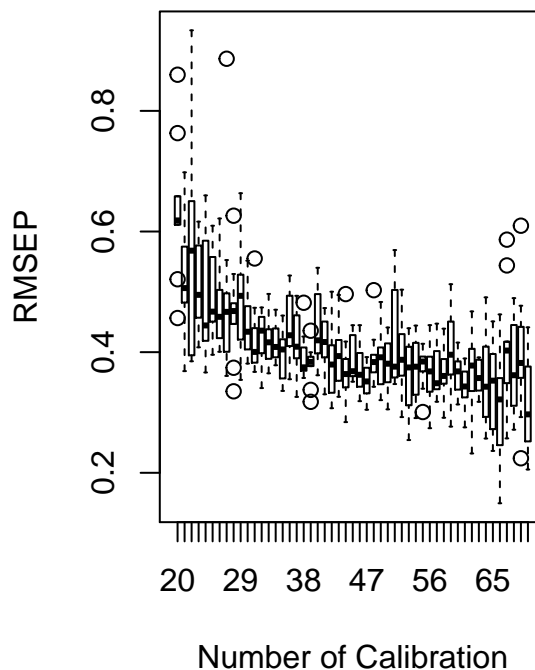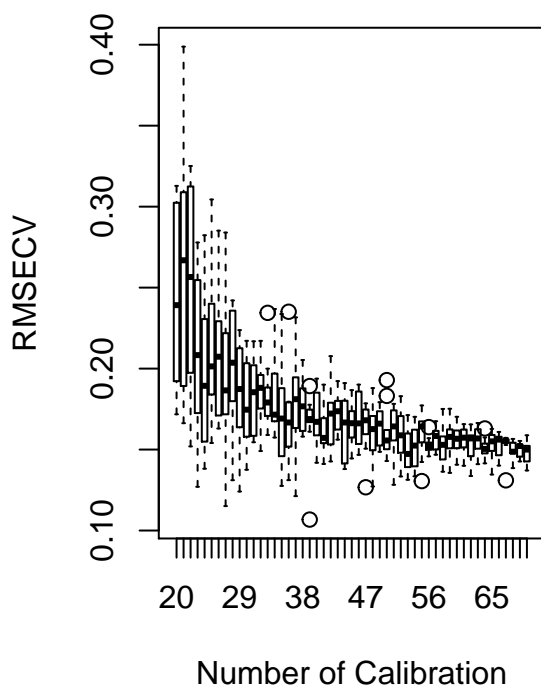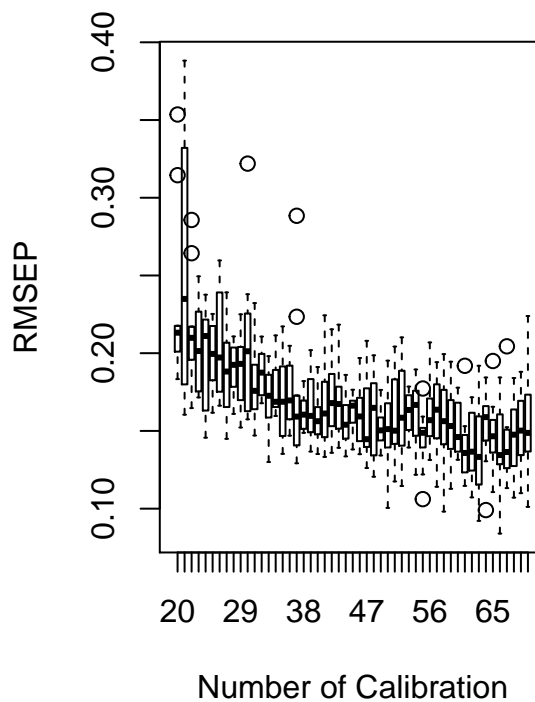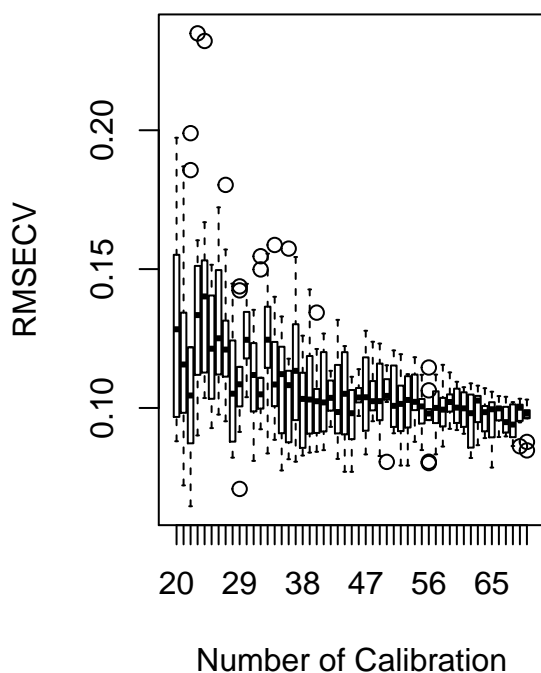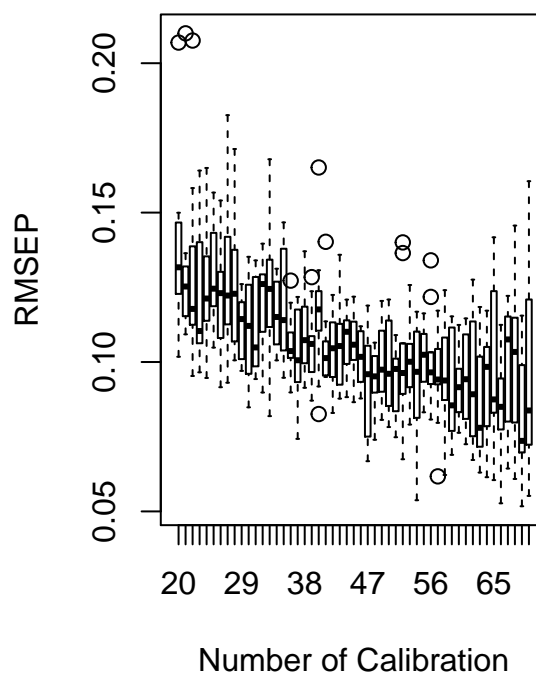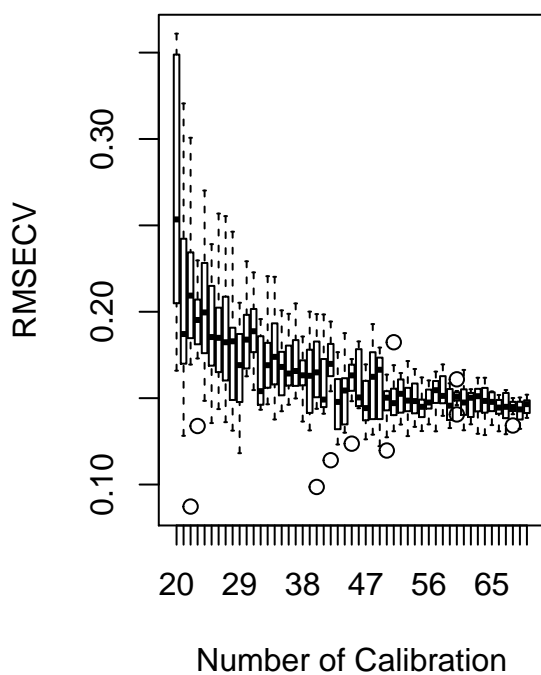
**PLS 2~mp6data Loop=10**



RMSECV

Number of Calibration

**PLS 2~mp6data Loop=10**



RMSEP

Number of Calibration

```
##              V1           V2           V3
## 45.0000000    0.1073578    0.1059726
```

**PLS 3~mp6data Loop=10**



RMSECV

Number of Calibration

**PLS 3~mp6data Loop=10**



RMSEP

Number of Calibration
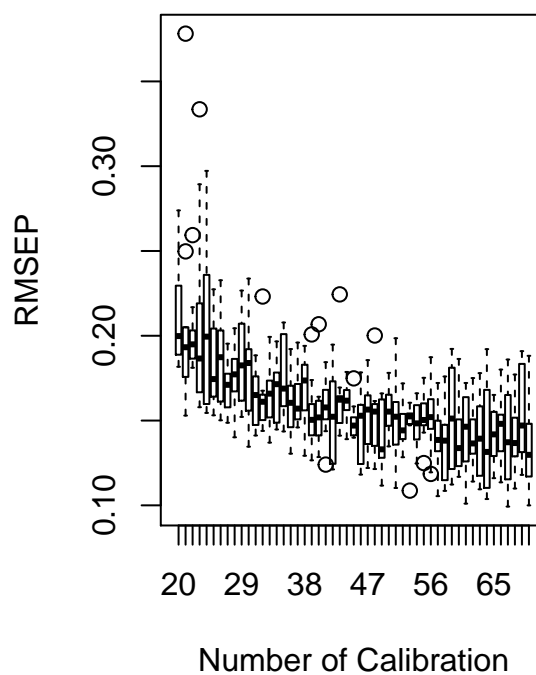
```
##              V1           V2           V3
## 45.0000000    0.1641419    0.1599940
```
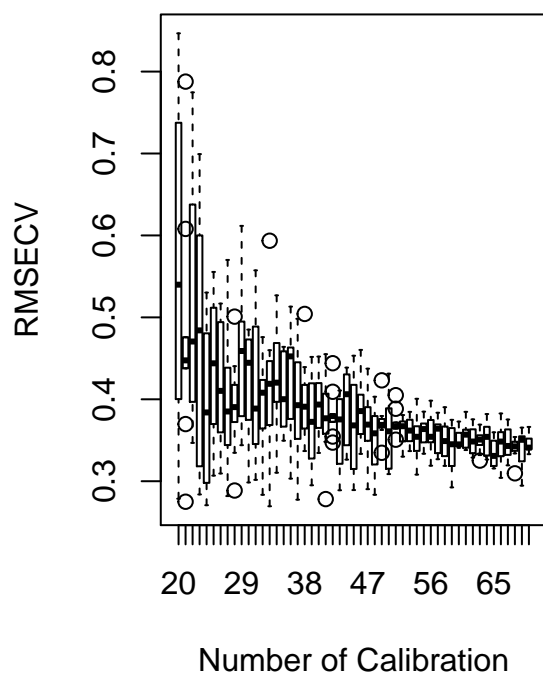
## PLS 4~mp6data Loop=10



## PLS 4~mp6data Loop=10



```
##          V1          V2          V3
## 45.0000000   0.3868751   0.4001855
```