PLSR for corn V2 PDF Markdown

Hongwei Peng 25/06/2019

```
## 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

90.0

0.05

0.04

0.03

RMSECV

Number of Calibration

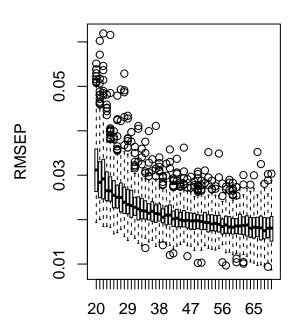
56 65

38

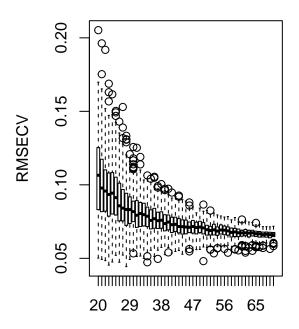
V1 V2 V3 ## 45.0000000 0.02392101 0.02149308

20 29

PLS 1~m5data Loop=10



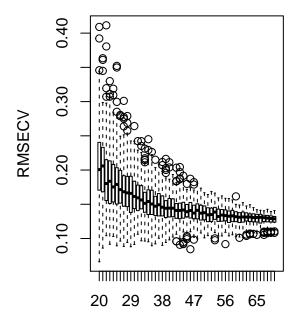
PLS 2~m5data Loop=10



Number of Calibration



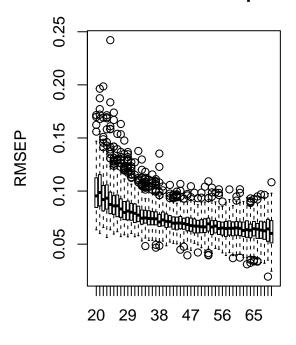
PLS 3~m5data Loop=10



Number of Calibration

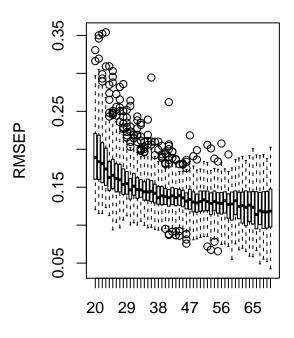
V1 V2 V3 ## 45.000000 0.1480202 0.1413276

PLS 2~m5data Loop=10



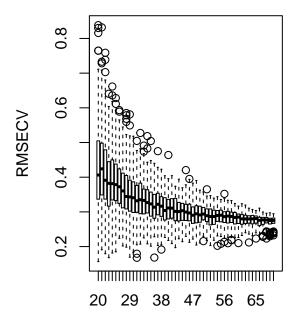
Number of Calibration

PLS 3~m5data Loop=10



Number of Calibration

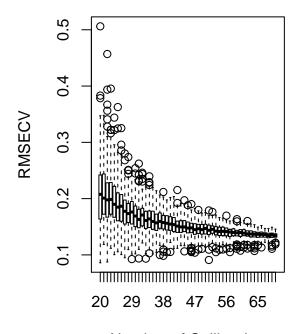
PLS 4~m5data Loop=10



Number of Calibration

V1 V2 V3 ## 45.000000 0.3147385 0.3035604

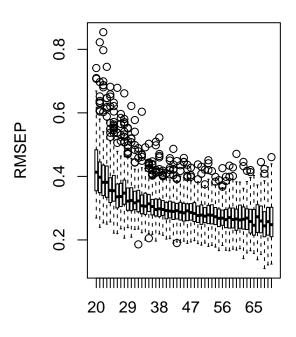
PLS 1~mp5data Loop=10



Number of Calibration

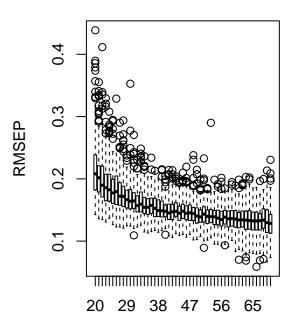
V1 V2 V3 ## 45.000000 0.1559286 0.1533037

PLS 4~m5data Loop=10

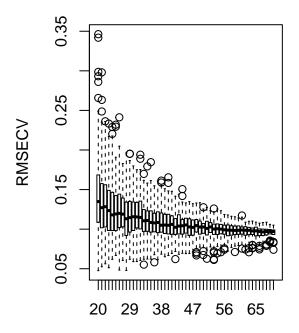


Number of Calibration

PLS 1~mp5data Loop=10



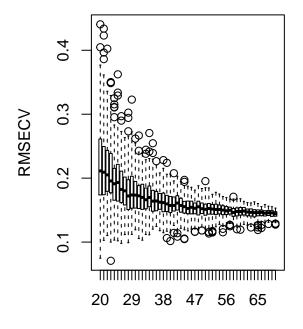
PLS 2~mp5data Loop=10



Number of Calibration

V1 V2 V3 ## 45.000000 0.1073245 0.1111069

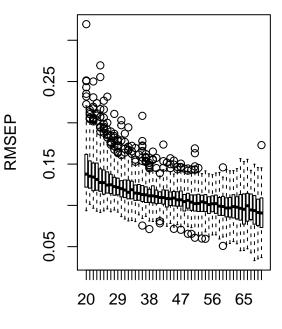
PLS 3~mp5data Loop=10



Number of Calibration

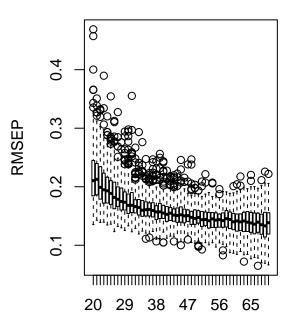
V1 V2 V3 ## 45.0000000 0.1626132 0.1592089

PLS 2~mp5data Loop=10

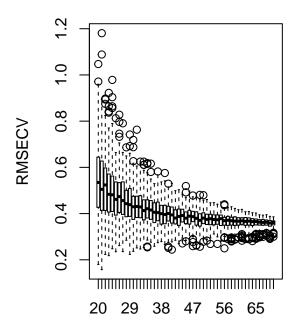


Number of Calibration

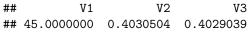
PLS 3~mp5data Loop=10



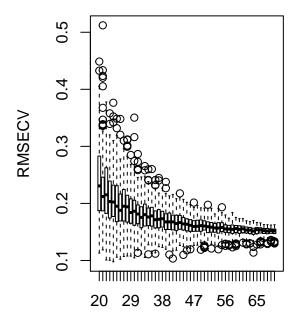
PLS 4~mp5data Loop=10



Number of Calibration



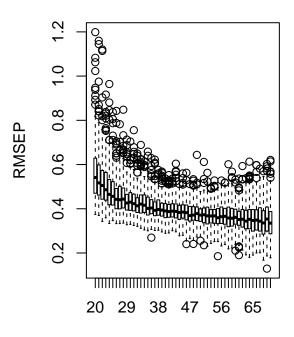
PLS 1~mp6data Loop=10



Number of Calibration

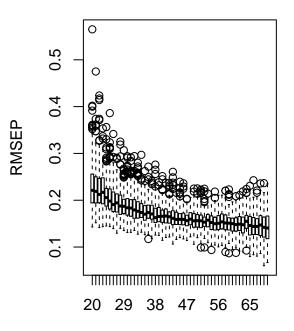
V1 V2 V3 ## 45.0000000 0.1709159 0.1699609

PLS 4~mp5data Loop=10



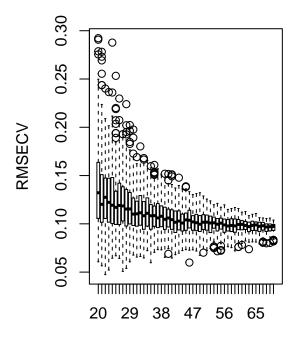
Number of Calibration

PLS 1~mp6data Loop=10



Number of Calibration

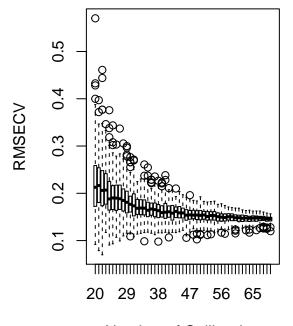
PLS 2~mp6data Loop=10



Number of Calibration

V1 V2 V3 ## 45.000000 0.1066760 0.1073954

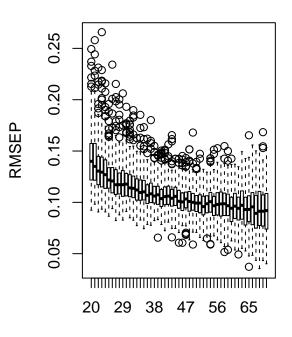
PLS 3~mp6data Loop=10



Number of Calibration

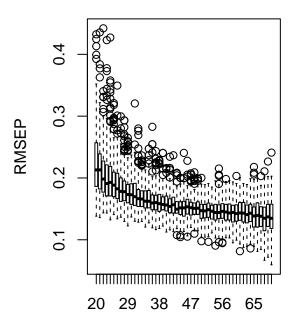
V1 V2 V3 ## 45.000000 0.1646415 0.1606646

PLS 2~mp6data Loop=10



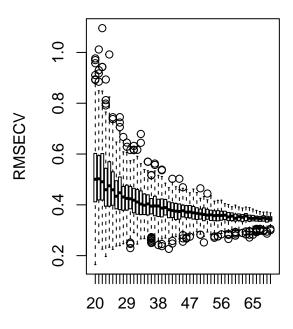
Number of Calibration

PLS 3~mp6data Loop=10



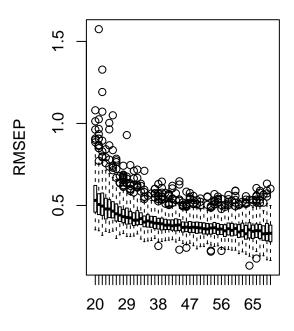
PLS 4~mp6data Loop=10

PLS 4~mp6data Loop=10





V1 V2 V3 ## 45.000000 0.3899833 0.3956015



Number of Calibration