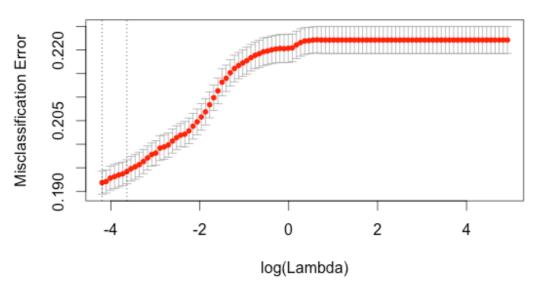


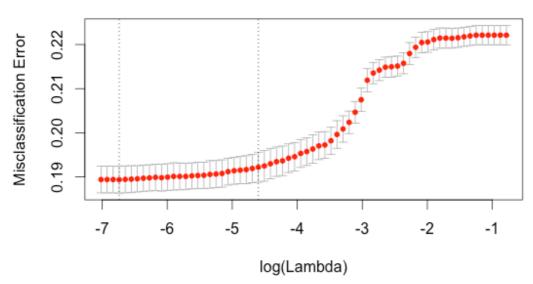
1. Regularization Lambda: 0.000621080

$_{23}$ $_{23}$ $_{23}$ $_{23}$ ridge logistic regression $_{23}$ $_{23}$ $_{23}$ $_{23}$ $_{23}$



2. Regularization Lambda: 0.0150309

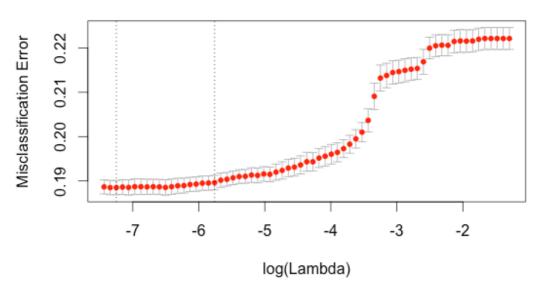
22 21 19 lpha=0,3 logistic regression 3 2 0



3. Alpha: 0.3

Regularization Lambda: 0.00118468

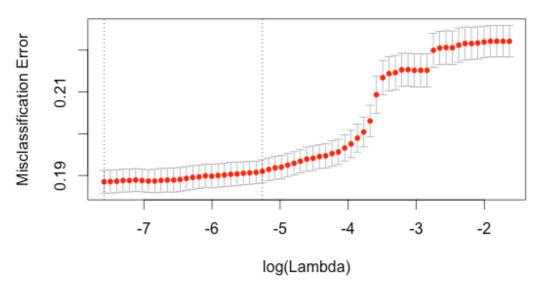
21 20 19 algha = 0.5 logistic regression 3 2 1



4. Alpha: 0.5

Regularization Lambda: 0.000710809

$_{20}$ $_{20}$ $_{19}$ alpha= $_{8}$ 0.7 $_{8}$ logistic regression $_{2}$ $_{2}$ $_{1}$ $_{0}$



5. Alpha: 0.7

Regularization Lambda: 0.0005077212