MSE: 0.058386758399891
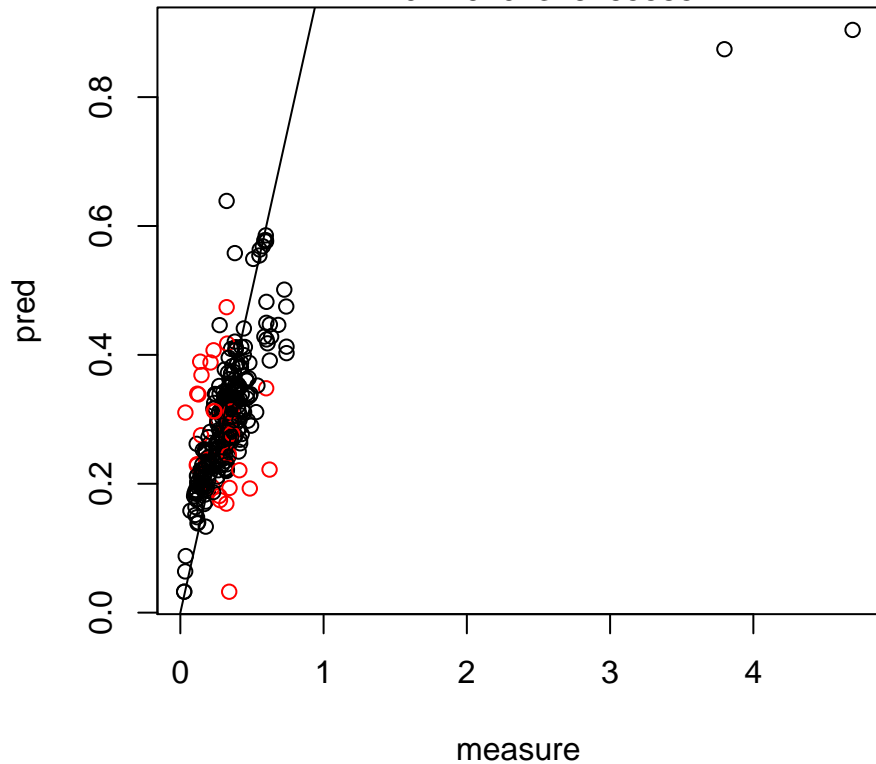
r^2: 0.449401316465585

MSE values from CV