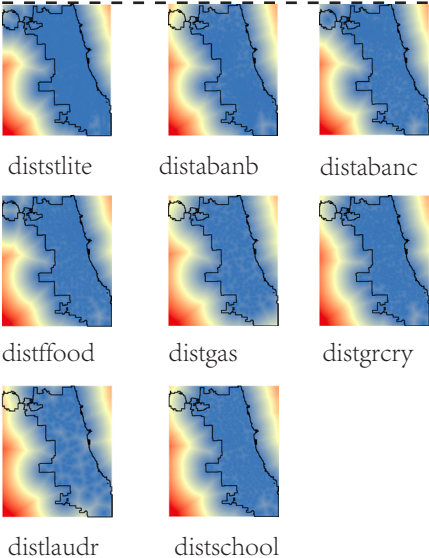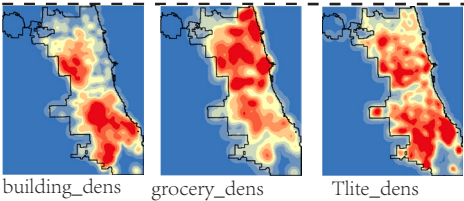```
Coefficients:
              Estimate Std. Error z value Pr(>|z|)
(Intercept) 5.156e-01 4.325e-02 11.922 < 2e-16 ***
DISTSTLITE -5.642e-04 3.156e-05 -17.878 < 2e-16 ***
DISTABANB   -3.191e-04 1.340e-05 -23.807 < 2e-16 ***
DISTABANC   -8.107e-05 1.167e-05 -6.946 3.76e-12 ***
DISTBARS   1.083e-05 8.300e-06   1.304   0.192
DISTBUS   2.239e-06 2.077e-05   0.108   0.914
DISTCBD   -1.645e-07 6.746e-07 -0.244   0.807
DISTFFOOD   -1.376e-04 1.381e-05 -9.962 < 2e-16 ***
DISTGAS   -2.933e-05 5.612e-06 -5.226 1.73e-07 ***
DISTGRCRY   -2.225e-04 1.382e-05 -16.098 < 2e-16 ***
DISTLAUDR   -5.795e-05 4.122e-06 -14.057 < 2e-16 ***
DISTSCHL   -1.659e-04 1.291e-05 -12.845 < 2e-16 ***
B_DENS   3.555e-03 2.603e-04 13.656 < 2e-16 ***
L_DENS   1.232e-03 2.903e-04   4.243 2.20e-05 ***
G_DENS   -1.187e-03 2.452e-03 -0.484   0.628

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1
```
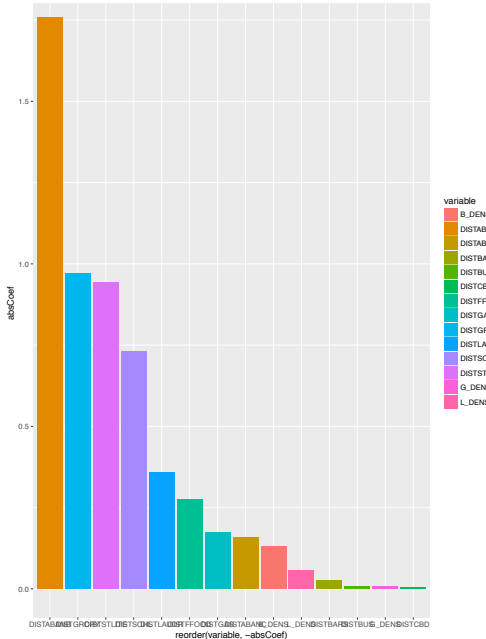
## SIGNIFICANT PREDICTORS



diststlite



distabanb



distabanc



distffood



distgas



distgrcry



distlaudr



distschool

## DENSITY PREDICTORS



building_dens



grocery_dens



Tlite_dens
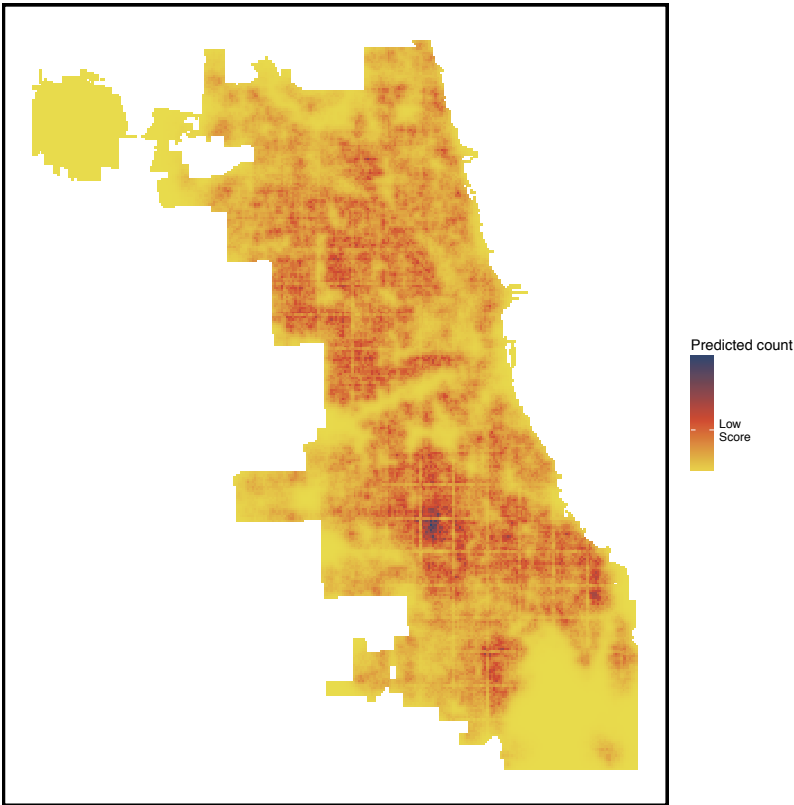
## PREDICTORS IMPORTANCE



## Predicted Burglaries



The map above shows the predicted crime in Chicago bu using the poisson regression. And the graph below shows the goodness of fit for RTM and kernel density. So the RTM does a good job on the percent lower than 80%.