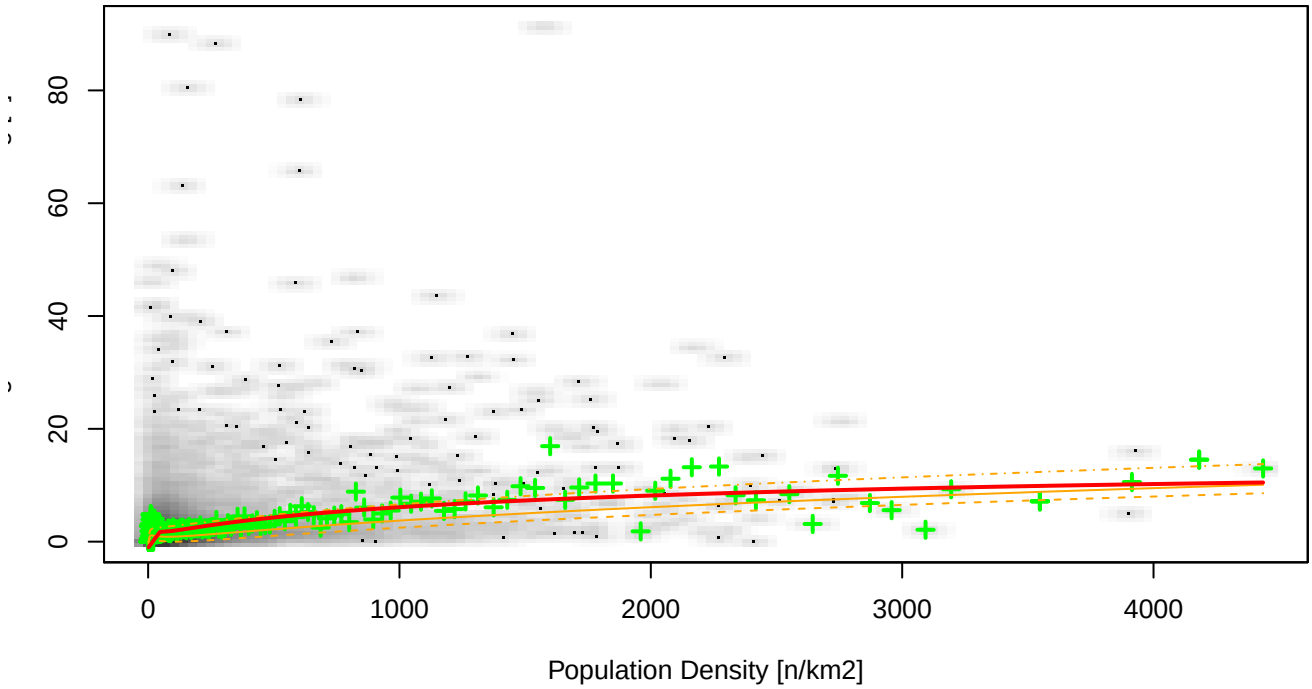
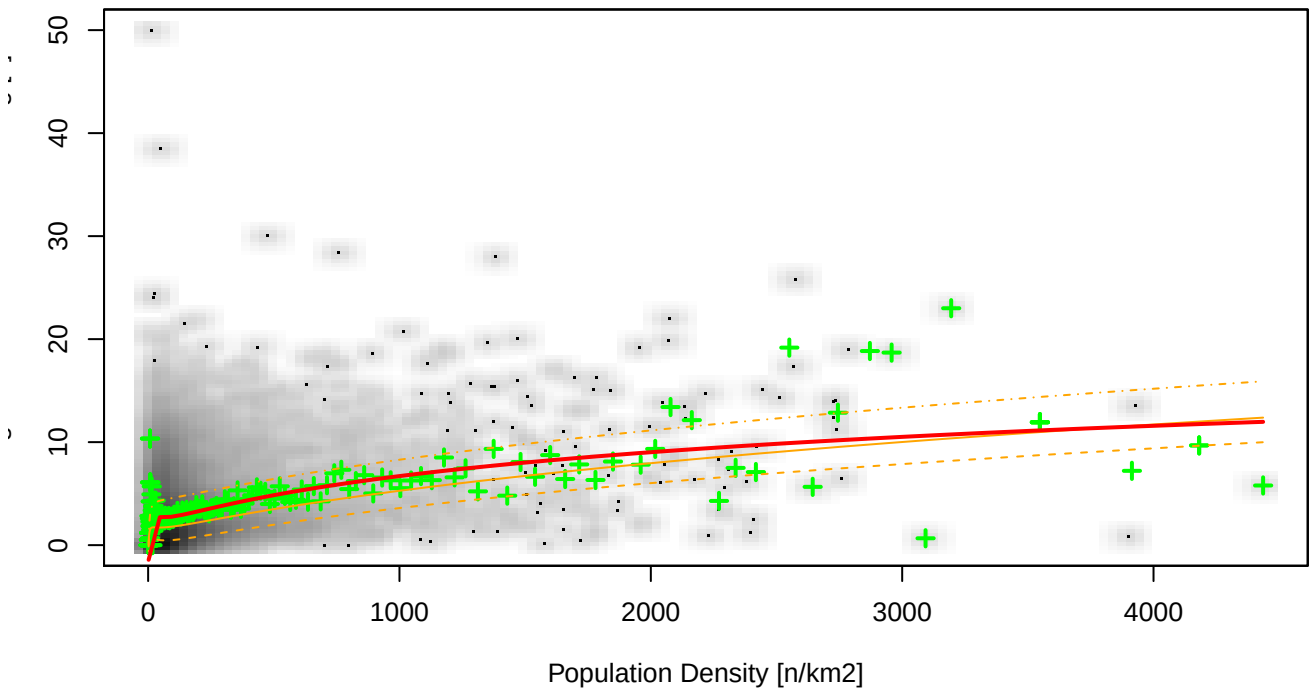
Correlation Chart
Percentage of Buildings with district heating = f(Population Density)



Local averages
25% Quantile
50% Quantile
75% Quantile
$y = Const + a\tilde{x} + b\,\tilde{x}^2 + c\tilde{x}^3 + d\tilde{x}^4$; $\tilde{x} = \ln(x)$

x = Population Density
y = Buildings with district heating
Const = −0.0497312239063
a = 0.0751958286351 ; b = −0.028394997478
c = 0.00423665454622 ; d = −0.000197740004603

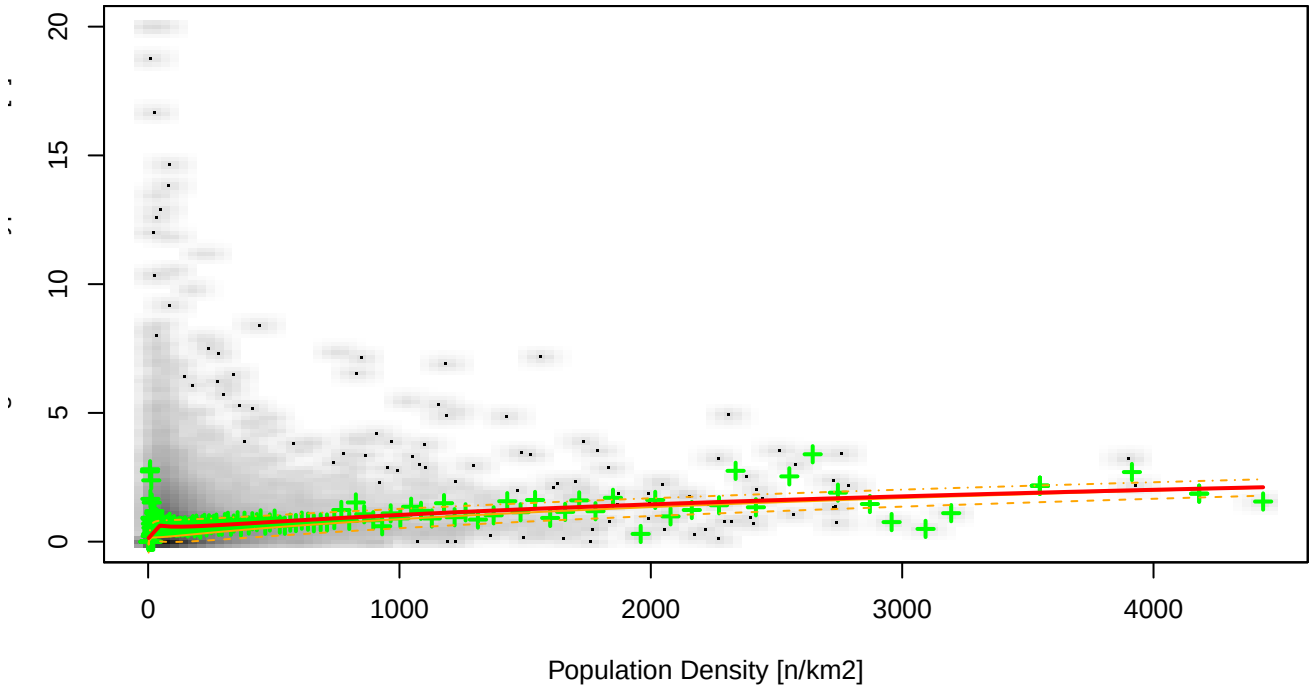
Correlation Chart
Percentage of Buildings with self contained heating = f(Population Density)



Local averages
25% Quantile
50% Quantile
75% Quantile
$y = Const + a\tilde{x} + b\,\tilde{x}^2 + c\tilde{x}^3 + d\tilde{x}^4$; $\tilde{x} = \ln(x)$

x = Population Density
y = Buildings with self contained heating
Const = −0.0645092636623
a = 0.0926296333828 ; b = −0.0320120926992
c = 0.0044015816766 ; d = −0.000189576081619

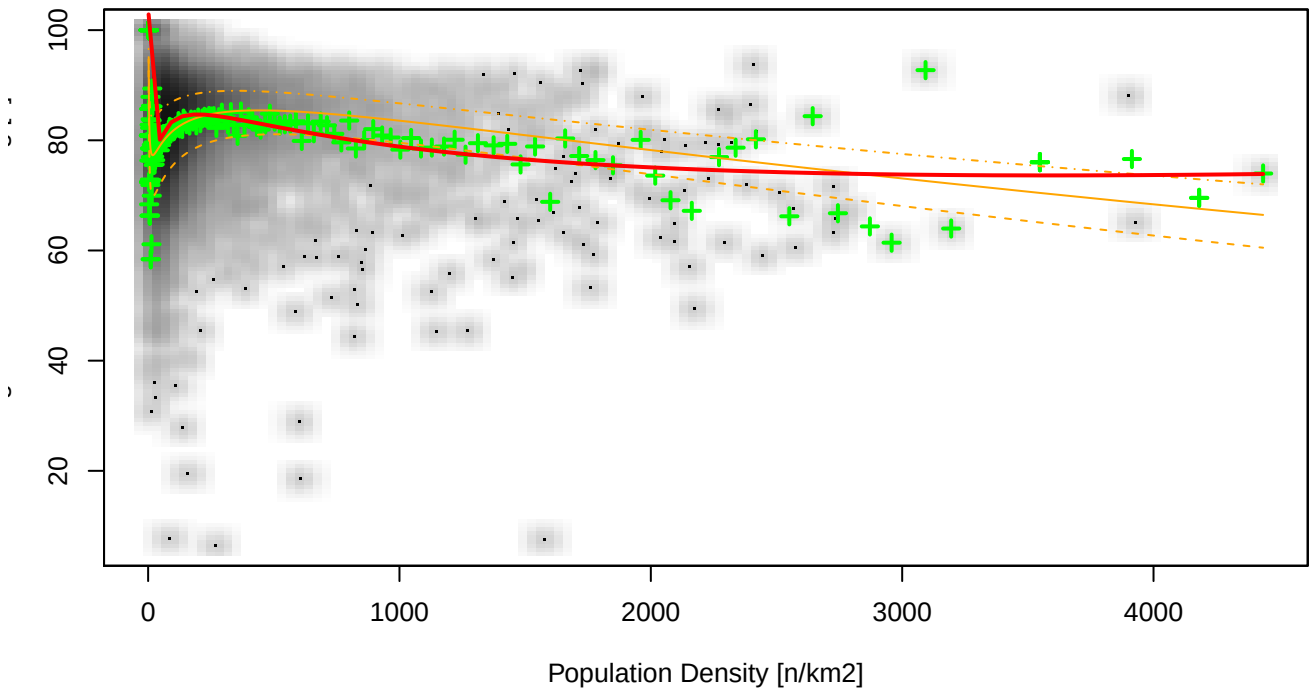
Correlation Chart
Percentage of Buildings with block−type CHPs = f(Population Density)



+ Local averages
25% Quantile
50% Quantile
75% Quantile
y = Const + a$\tilde{x}$ + b $\tilde{x}^2$ + c$\tilde{x}^3$ + d$\tilde{x}^4$; $\tilde{x}$ = ln(x)

x = Population Density
y = Buildings with block−type CHPs
Const = −0.00464954316969
a = 0.0109703900193 ; b = −0.00348569366698
c = 0.000400127580116 ; d = −1.15620456969e−05

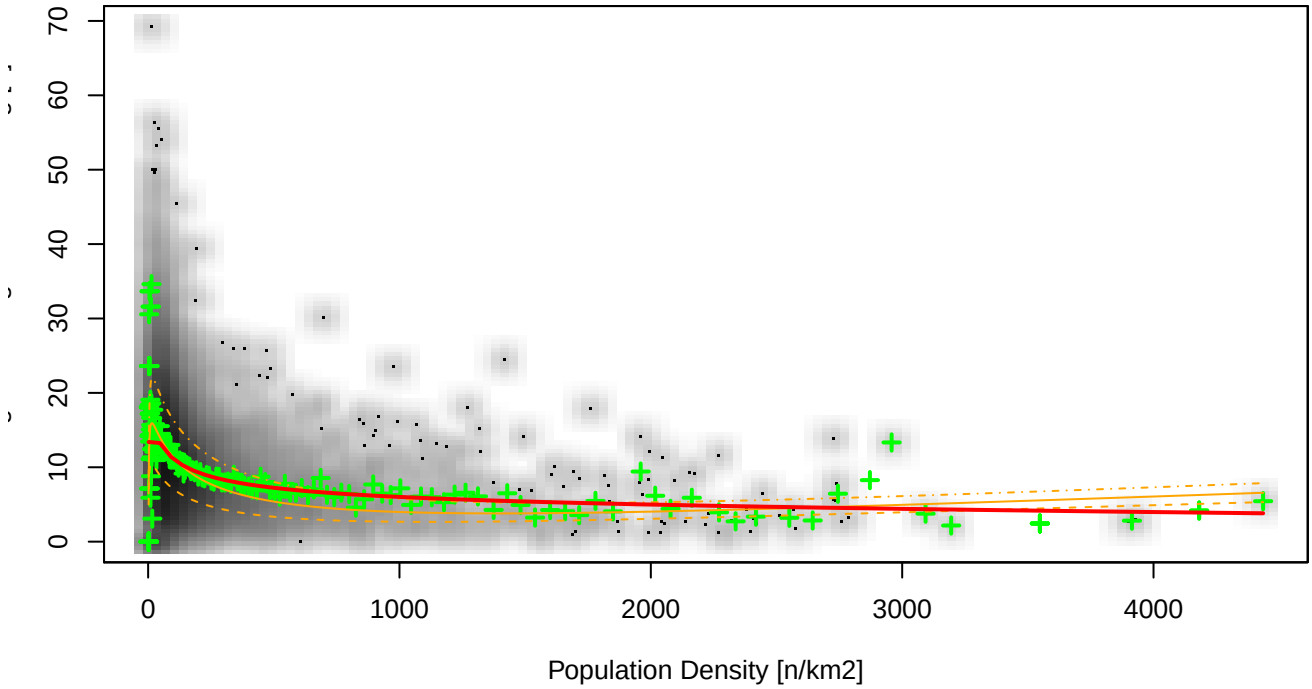
Correlation Chart
Percentage of Buildings with central heating = f(Population Density)



+ Local averages
25% Quantile
50% Quantile
75% Quantile
y = Const + a$\tilde{x}$ + b $\tilde{x}^2$ + c$\tilde{x}^3$ + d$\tilde{x}^4$; $\tilde{x}$ = ln(x)

x = Population Density
y = Buildings with central heating
Const = 1.39552942759
a = −0.68286525874 ; b = 0.24404894017
c = −0.0338635816392 ; d = 0.00159286982264

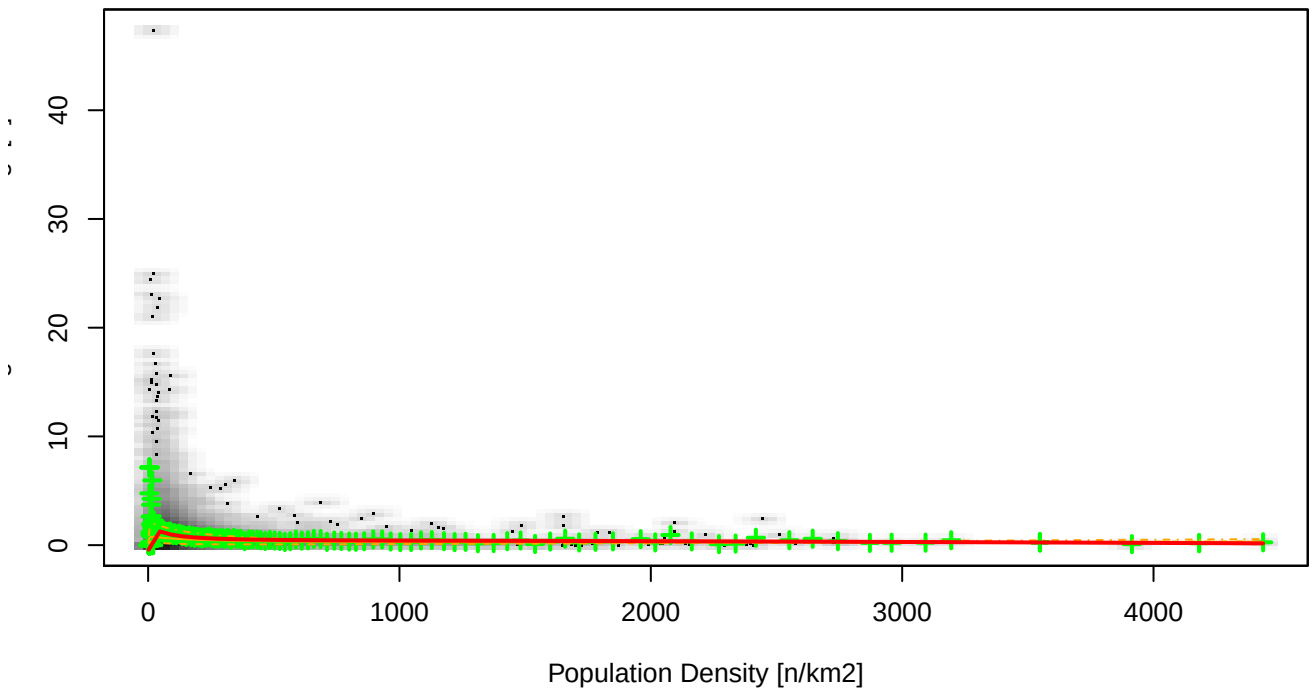
Correlation Chart
Percentage of Buildings with single room heating = f(Population Density)



Local averages
25% Quantile
50% Quantile
75% Quantile
$y = Const + a\tilde{x} + b\,\tilde{x}^2 + c\tilde{x}^3 + d\tilde{x}^4$; $\tilde{x} = \ln(x)$

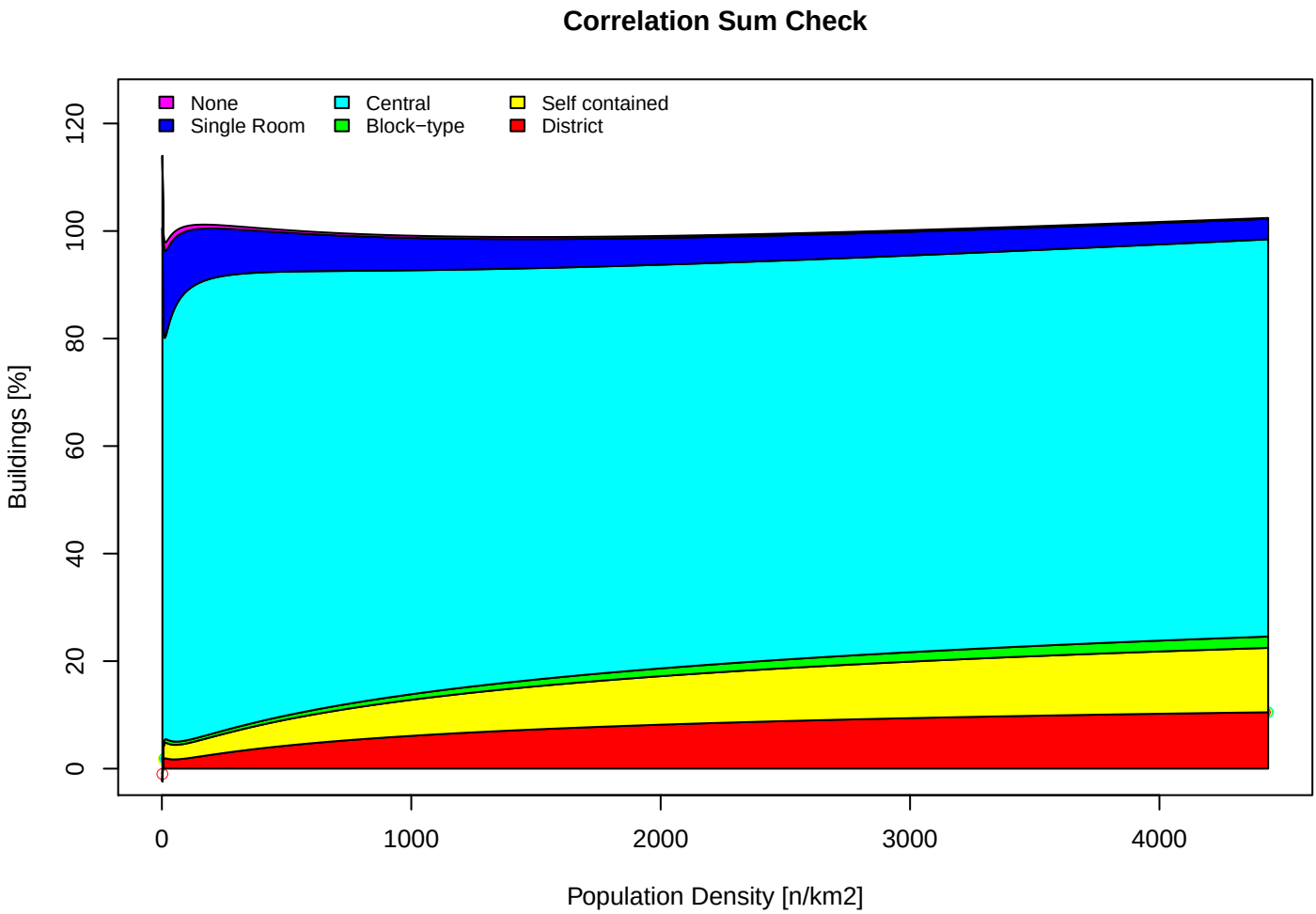
x = Population Density
y = Buildings with single room heating
Const = 0.0827660836629
a = 0.0966309375396 ; b = −0.0357244881851
c = 0.00432678548534 ; d = −0.000180797989534

Correlation Chart
Percentage of Buildings without heating = f(Population Density)



Local averages
25% Quantile
50% Quantile
75% Quantile
$y = Const + a\tilde{x} + b\,\tilde{x}^2 + c\tilde{x}^3 + d\tilde{x}^4$; $\tilde{x} = \ln(x)$

x = Population Density
y = Buildings without heating
Const = −0.0276354062692
a = 0.0426818409654 ; b = −0.0141287580667
c = 0.0018078400496 ; d = −8.11193054339e−05


Correlation Sum Check
None
Single Room
Central
Block−type
Self contained
District
Buildings [%]
0
20
40
60
80
100
120
0
1000
2000
3000
4000
Population Density [n/km2]