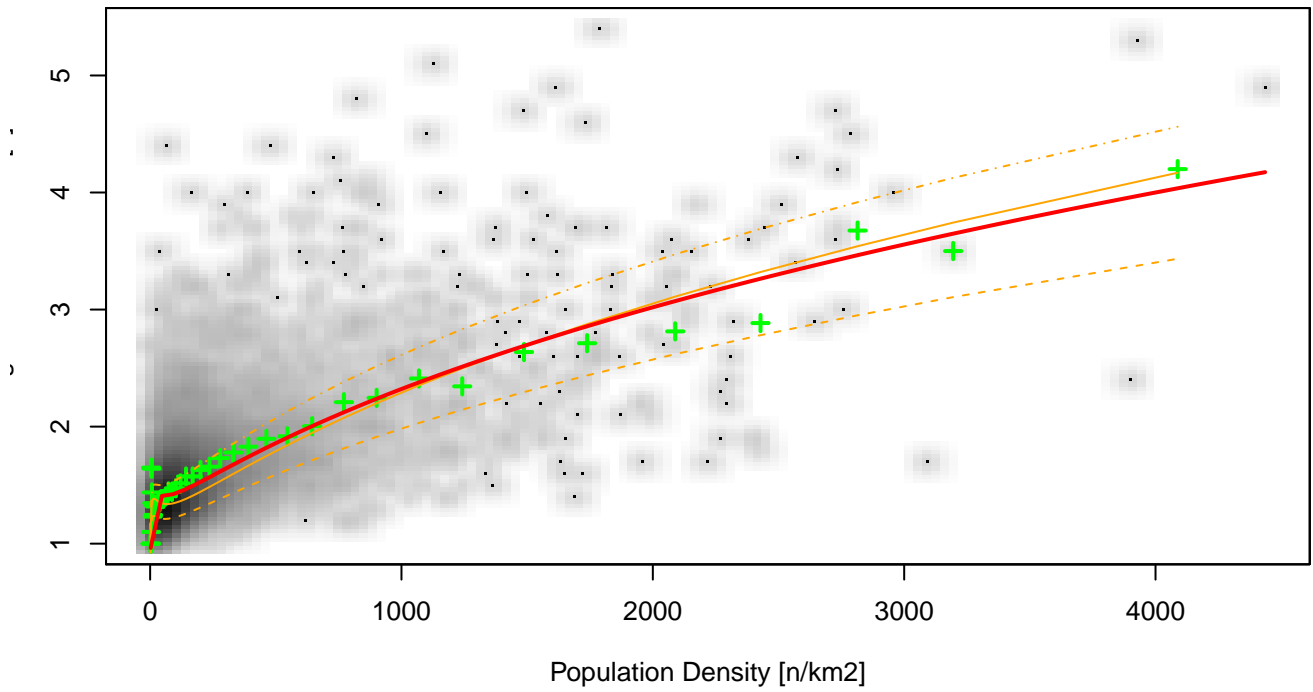


**Correlation Chart**  
**Average number of flats = f( Population Density)**



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

$x$  = Population Density  
 $y$  = Average number of flats  
 Const = 0.496063962509  
 $a = 0.832051782819$  ;  $b = -0.245727278912$   
 $c = 0.023673087556$  ;  $d = \text{NA}$

## Correlation Sum Check

