Correlation Chart
= f(Density of Buildings)
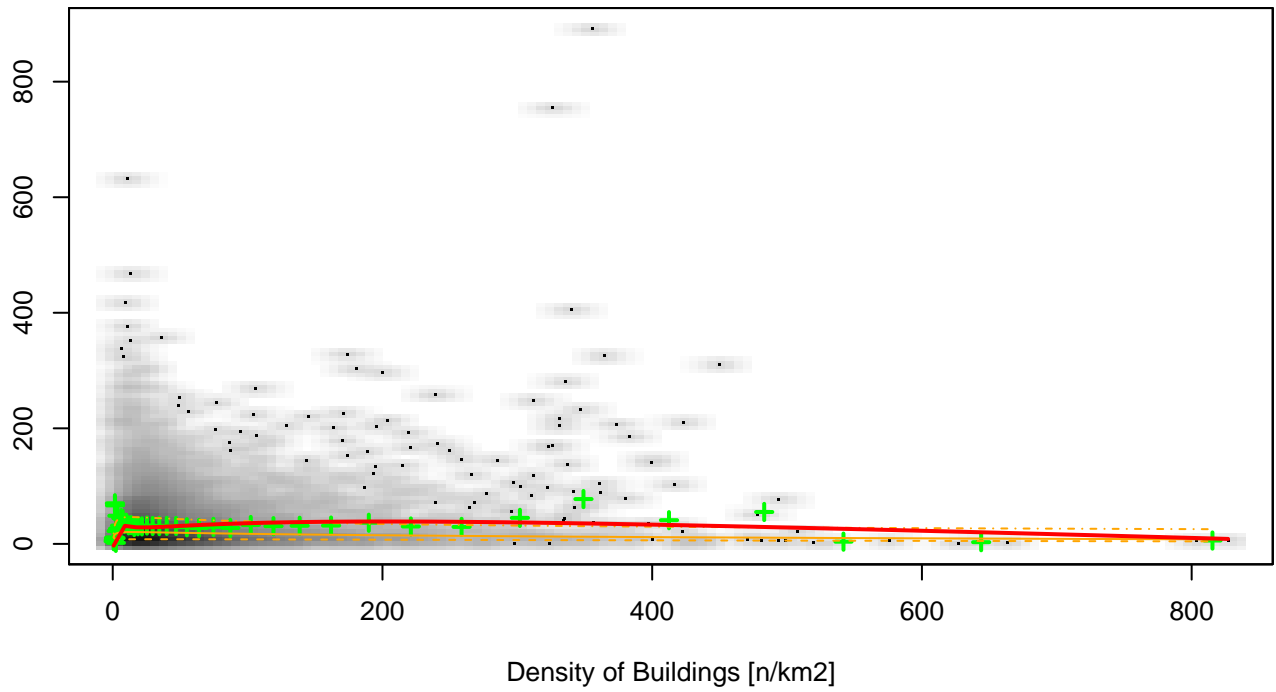
Density of Buildings [n/km2]

+ Local averages		x = Density of Buildings
− − − 25% Quantile		y =
——— 50% Quantile		Const = 16.9612111141
−·−·− 75% Quantile		a = 37.3699270344 ; b = −25.066880729
——— $y = Const + a\tilde{x} + b\,\tilde{x}^2 + c\tilde{x}^3 + d\tilde{x}^4$; $\tilde{x} = \ln(x)$		c = 6.04869046956 ; d = −0.472322343882

Correlation Sum Check