

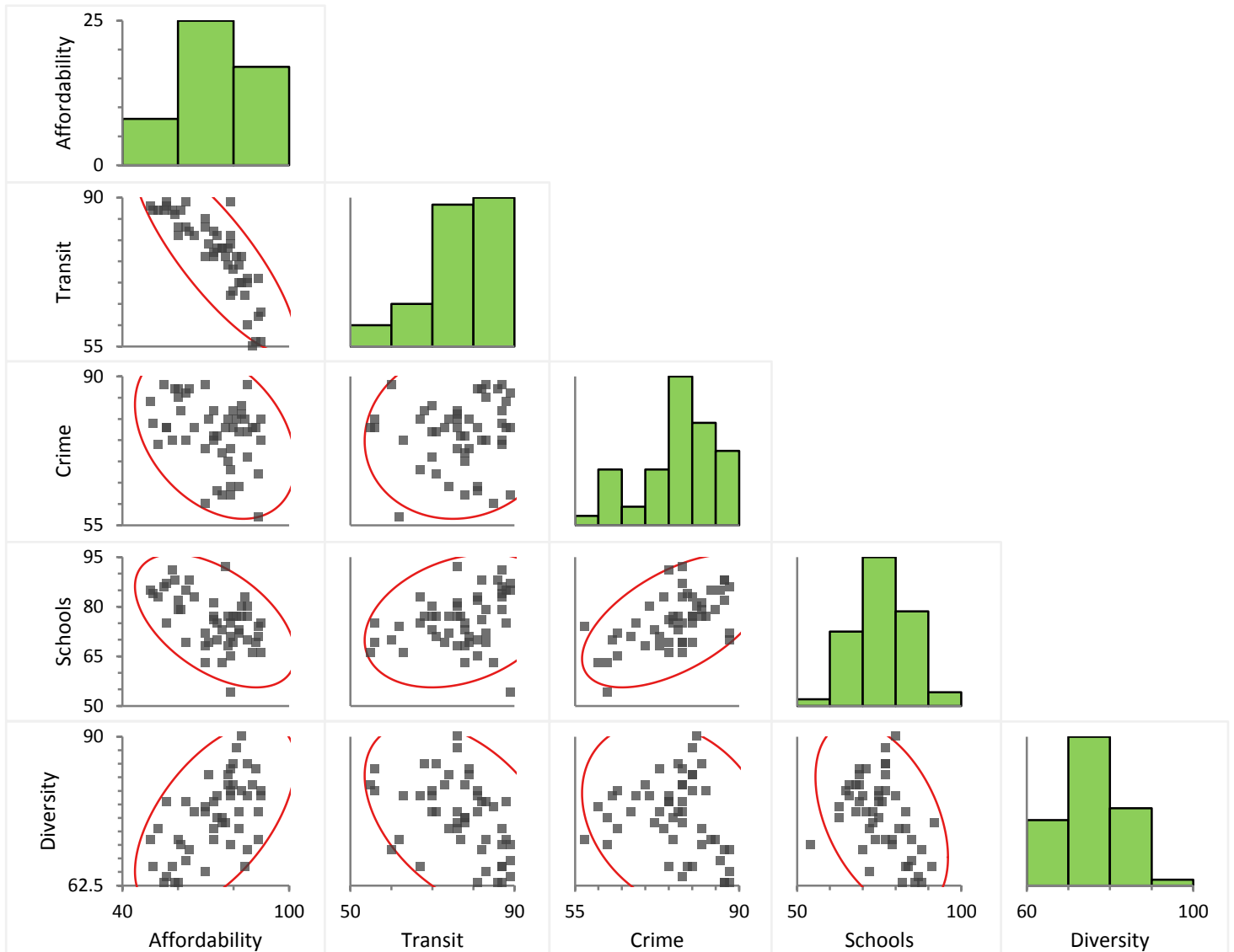
# Correlation: Affordability, Transit, Crime, Schools, Diversity

The Most Livable Neighborhoods in New York

<http://nymag.com/realestate/neighborhoods/2010/65374/index10.html>

Last updated 2 February 2016 at 12:32 by Analyse-it Software, Ltd.

## Descriptives



N | 50

## Correlation

Pearson's r	Affordability	Transit	Crime	Schools	Diversity
Affordability	-	-0.835	-0.350	-0.512	0.577
Transit	-0.835	-	0.079	0.295	-0.441
Crime	-0.350	0.079	-	0.571	-0.253
Schools	-0.512	0.295	0.571	-	-0.427
Diversity	0.577	-0.441	-0.253	-0.427	-

# Correlation: Affordability, Transit, Crime, Schools, Diversity

The Most Livable Neighborhoods in New York

<http://nymag.com/realestate/neighborhoods/2010/65374/index10.html>

Last updated 2 February 2016 at 12:32 by Analyse-it Software, Ltd.

## Correlation

Pair	Pearson's r	95% CI	0	p-value
Affordability, Transit	-0.835	-0.904 to -0.726		<0.0001 <sup>1</sup>
Affordability, Crime	-0.350	-0.572 to -0.079		0.0128 <sup>1</sup>
Affordability, Schools	-0.512	-0.692 to -0.273		0.0001 <sup>1</sup>
Affordability, Diversity	0.577	0.356 to 0.737		<0.0001 <sup>1</sup>
Transit, Crime	0.079	-0.204 to 0.350		0.5858 <sup>2</sup>
Transit, Schools	0.295	0.018 to 0.530		0.0378 <sup>1</sup>
Transit, Diversity	-0.441	-0.641 to -0.186		0.0013 <sup>1</sup>
Crime, Schools	0.571	0.348 to 0.733		<0.0001 <sup>1</sup>
Crime, Diversity	-0.253	-0.496 to 0.027		0.0762 <sup>2</sup>
Schools, Diversity	-0.427	-0.630 to -0.168		0.0020 <sup>1</sup>

H0:  $\rho = 0$

The correlation coefficient  $\rho$  of the bivariate population is equal to 0.

H1:  $\rho \neq 0$

The correlation coefficient  $\rho$  of the bivariate population is not equal to 0.

<sup>1</sup> Reject the null hypothesis in favour of the alternative hypothesis at the 5% significance level.

<sup>2</sup> Do not reject the null hypothesis at the 5% significance level.