

Tabular and Graphical Methods

Tabular Methods

Tabular Methods: Correlation Table

Variables : X1, X2, X3

Tabular Methods: Correlation Table

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Variables : X1, X2, X3

Tabular Methods: Correlation Table

| | X1 | X2 | X3 |
|----|----|----|----|
| X1 | | | |
| X2 | | | |
| X3 | | | |

Variables : X1, X2, X3

Tabular Methods: Correlation Table

| | X1 | X2 | X3 |
|----|-------------|-------------|-------------|
| X1 | Corr(X1,X1) | Corr(X1,X2) | Corr(X1,X3) |
| X2 | Corr(X2,X1) | Corr(X2,X2) | Corr(X2,X3) |
| X3 | Corr(X3,X1) | Corr(X3,X2) | Corr(X3,X3) |

Variables : X1, X2, X3

Tabular Methods: Correlation Table

| | X1 | X2 | X3 |
|----|-------------|-------------|-------------|
| X1 | Corr(X1,X1) | Corr(X1,X2) | Corr(X1,X3) |
| X2 | Corr(X2,X1) | Corr(X2,X2) | Corr(X2,X3) |
| X3 | Corr(X3,X1) | Corr(X3,X2) | Corr(X3,X3) |

Variables : X1, X2, X3

Tabular Methods: Correlation Table

| | X1 | X2 | X3 |
|----|-------------|-------------|-------------|
| X1 | 1 | Corr(X1,X2) | Corr(X1,X3) |
| X2 | Corr(X2,X1) | 1 | Corr(X2,X3) |
| X3 | Corr(X3,X1) | Corr(X3,X2) | 1 |

Variables : X1, X2, X3

Tabular Methods: Correlation Table

| | X1 | X2 | - | Xn |
|----|-------------|-------------|-------------|-------------|
| X1 | 1 | Corr(X1,X2) | - | Corr(X1,Xn) |
| X2 | Corr(X2,X1) | 1 | - | Corr(X2,Xn) |
| - | - | - | 1 | - |
| Xn | Corr(Xn,X1) | Corr(Xn,X2) | Corr(Xn,X3) | Corr(Xn,Xn) |

Variables : X1, X2, X3, - - - - - X49, X50

Tabular Methods: Correlation Table

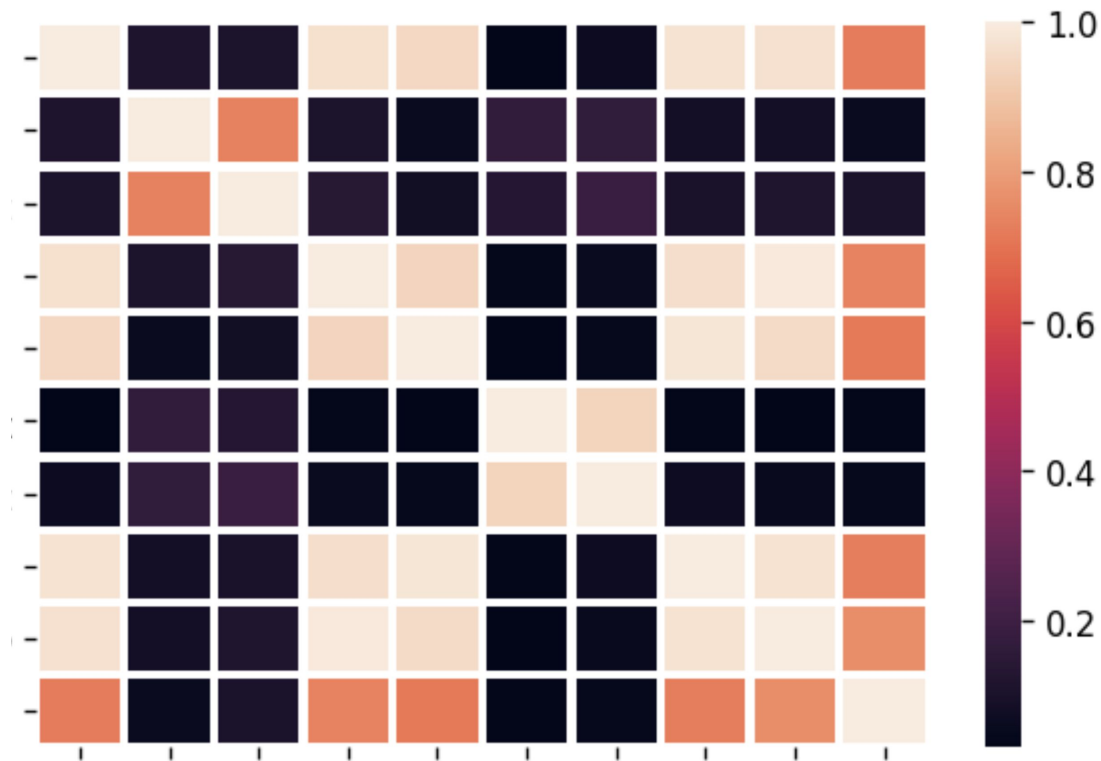


| | X1 | X2 | - | Xn |
|----|-------------|-------------|-------------|-------------|
| X1 | 1 | Corr(X1,X2) | - | Corr(X1,Xn) |
| X2 | Corr(X2,X1) | 1 | - | Corr(X2,Xn) |
| - | - | - | 1 | - |
| Xn | Corr(Xn,X1) | Corr(Xn,X2) | Corr(Xn,X3) | Corr(Xn,Xn) |

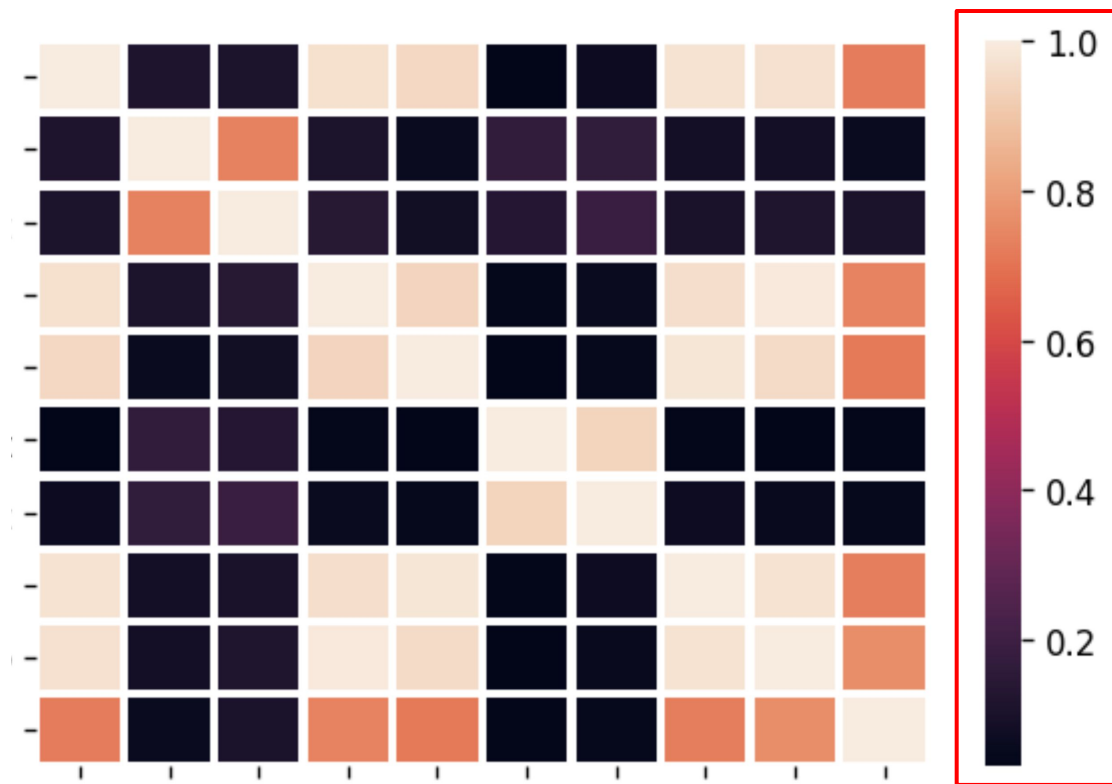
Variables : X1, X2, X3, - - - - - X49, X50

Graphical Methods: Heatmap

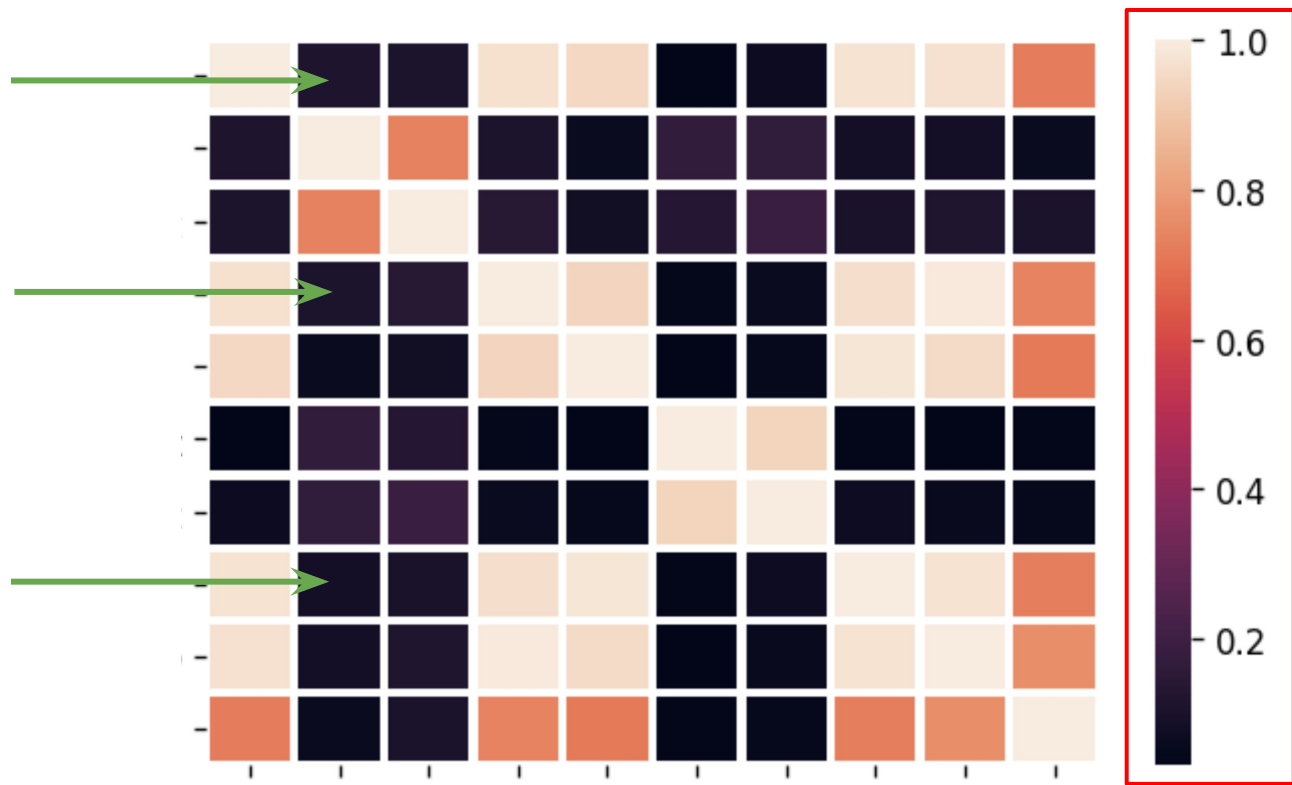
Graphical Methods: Heatmap



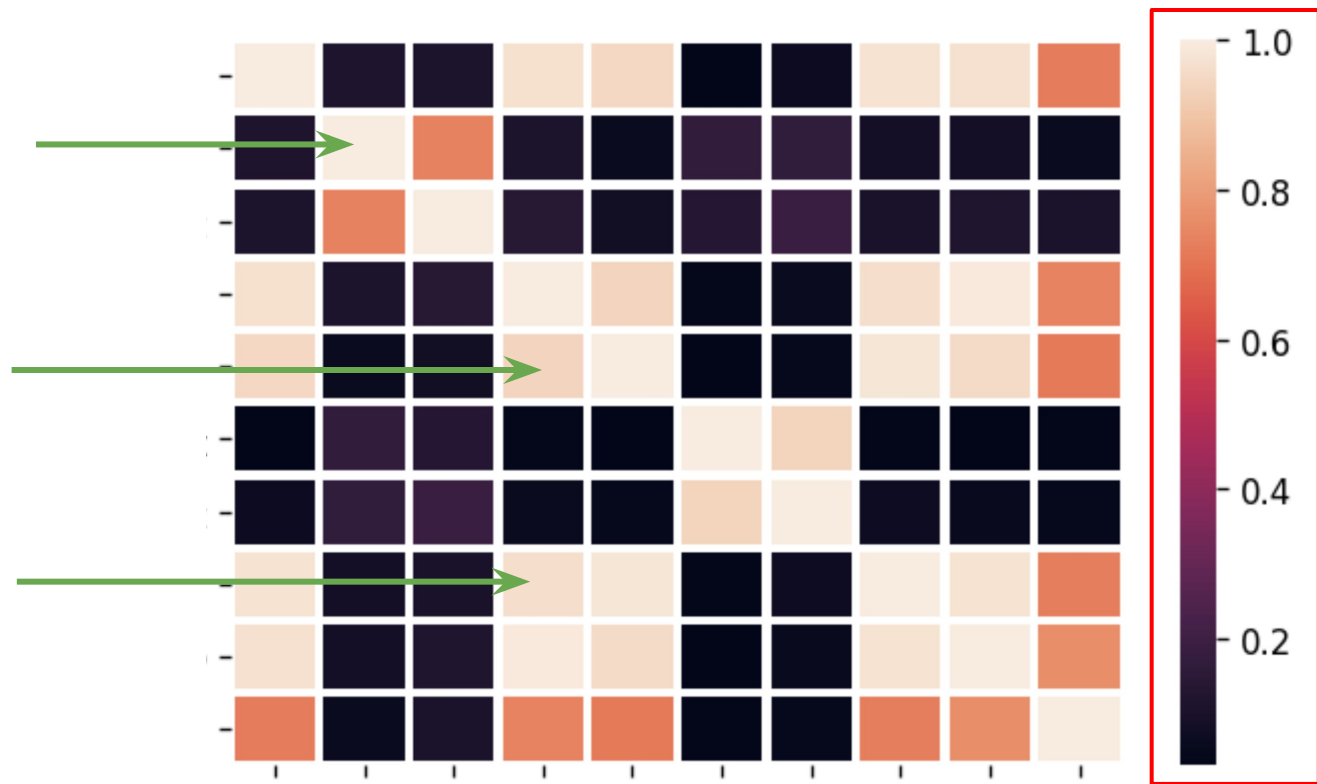
Graphical Methods: Heatmap



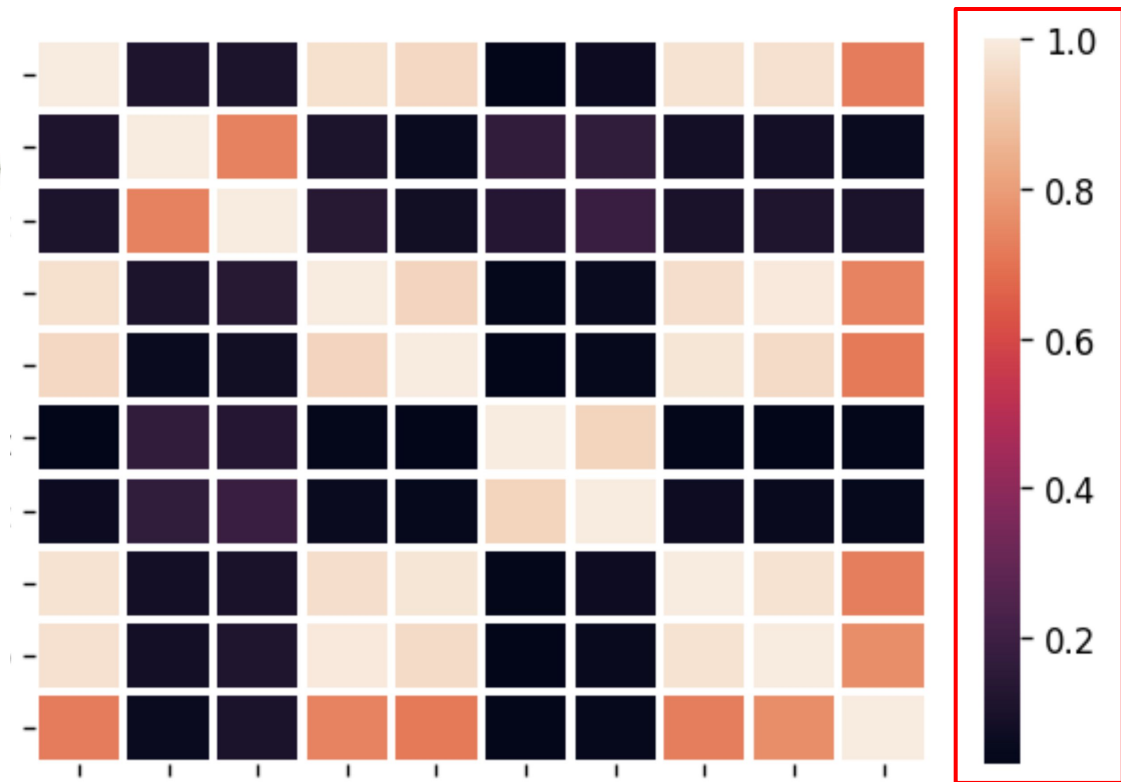
Graphical Methods: Heatmap



Graphical Methods: Heatmap

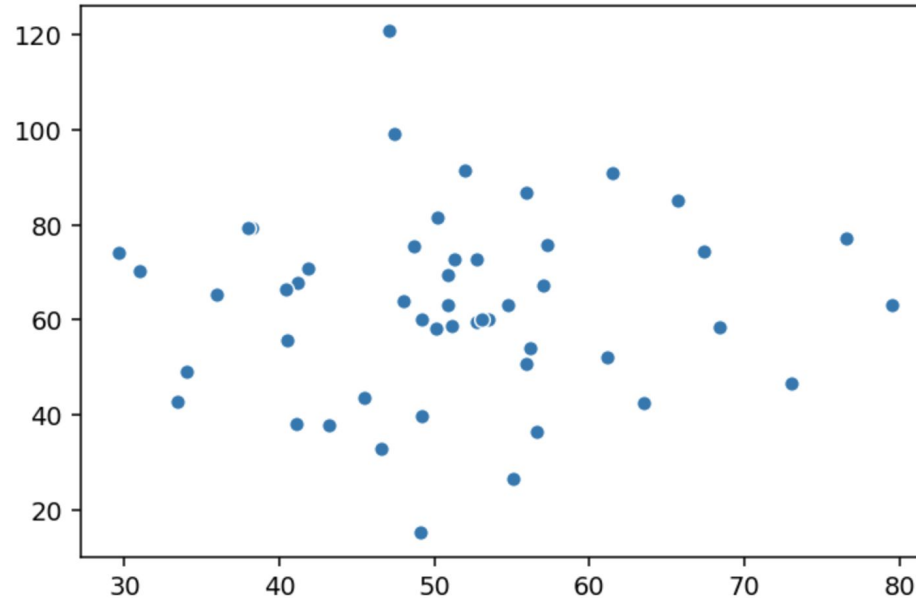


Graphical Methods: Heatmap

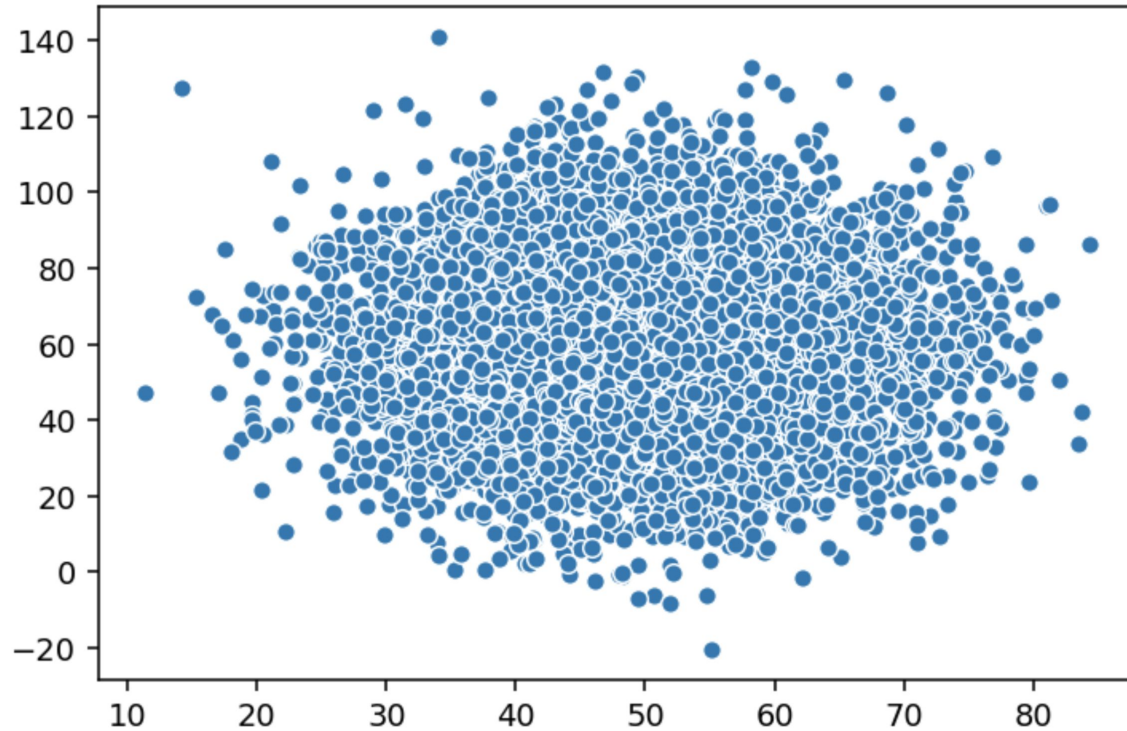


Graphical Methods: Scatterplots

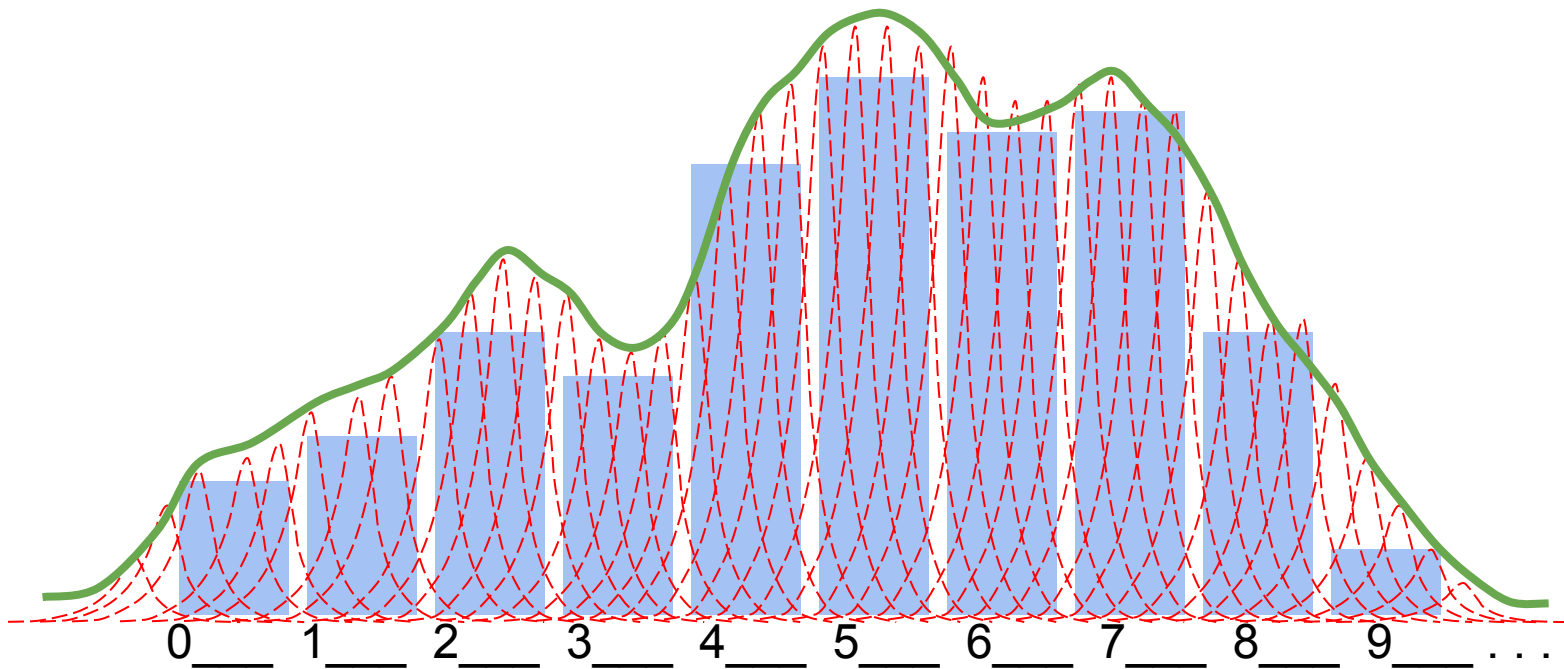
Graphical Methods: Scatterplots



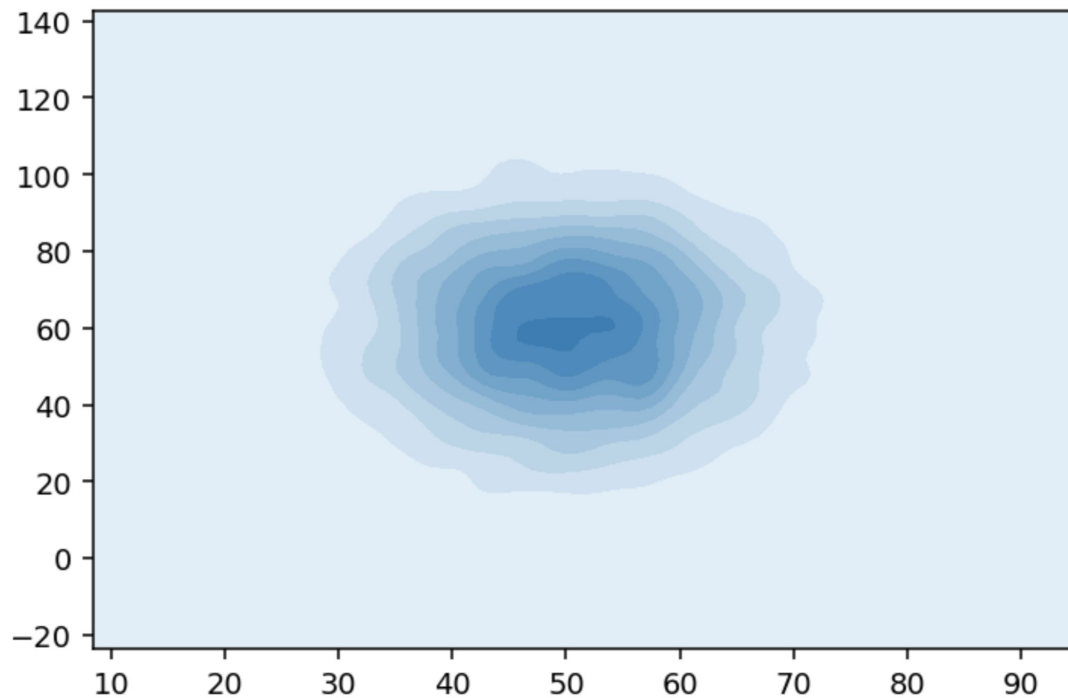
Graphical Methods: Scatterplots



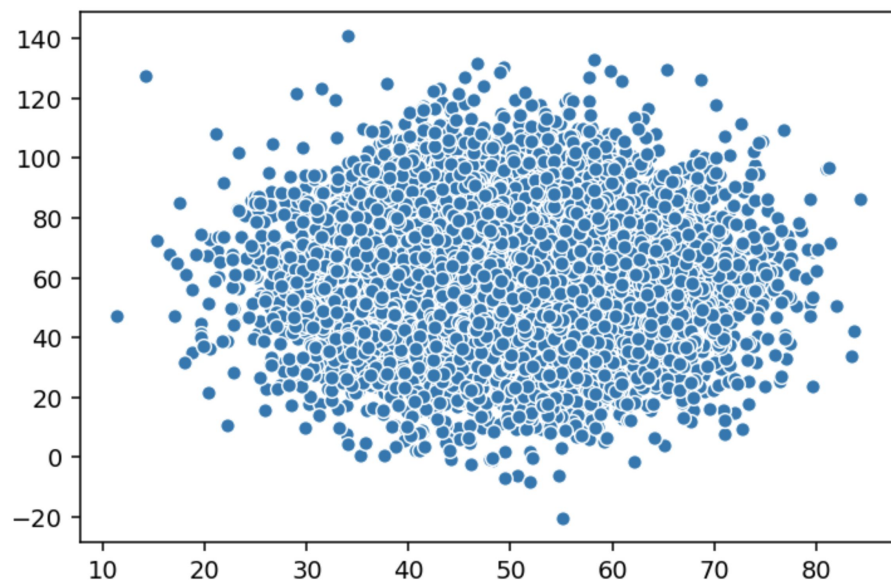
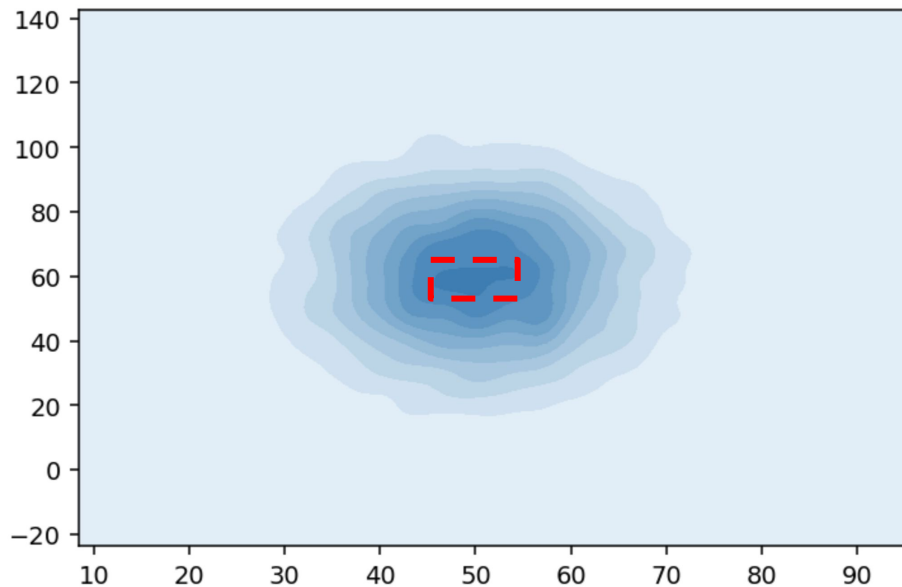
KDE plots



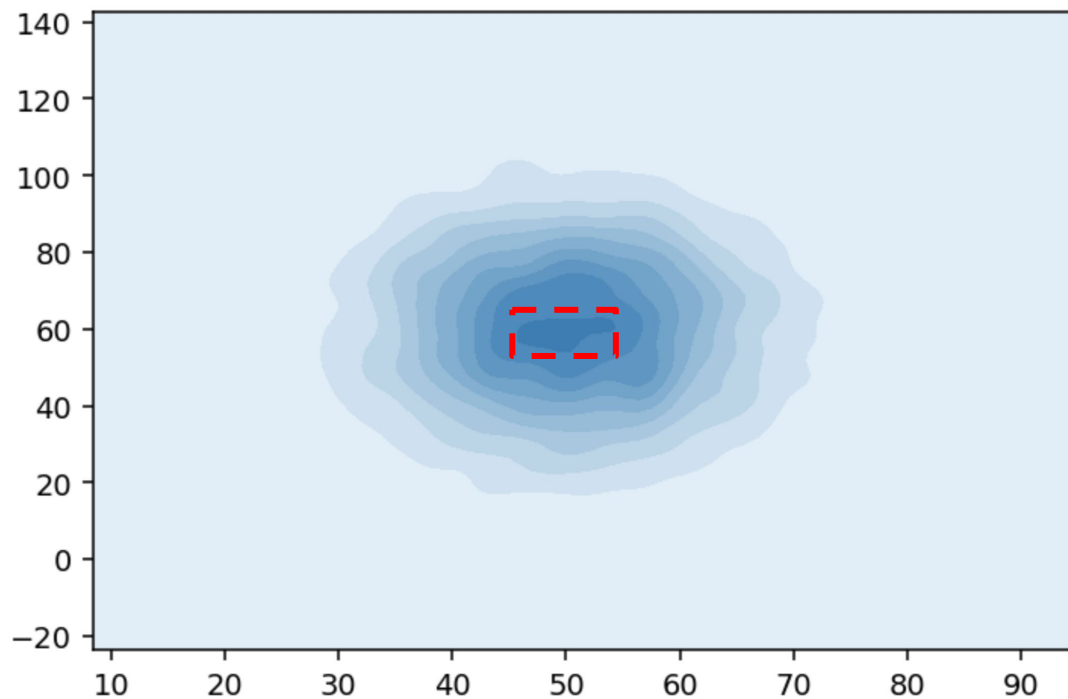
KDE plots



KDE plots



KDE plots



Thank You!