Autocorrelation

Correlation

The measures of the relationship between two items or variables

self

Autocorrelation

Autocorrelation

Measure the relationship between a variable's current value and past value

Autocorrelation

Measure the relationship between a variable's current value and past value

Autocorrelation

Measure the relationship between a variable's current value and past value

Autocorrelation

Today

More likely

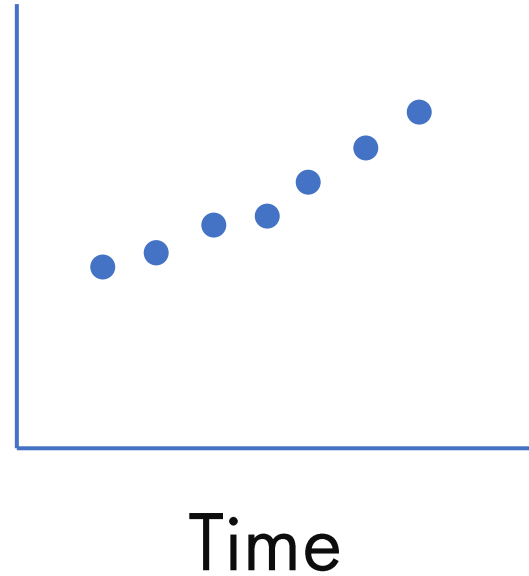Tomorrow

Autocorrelation

Today
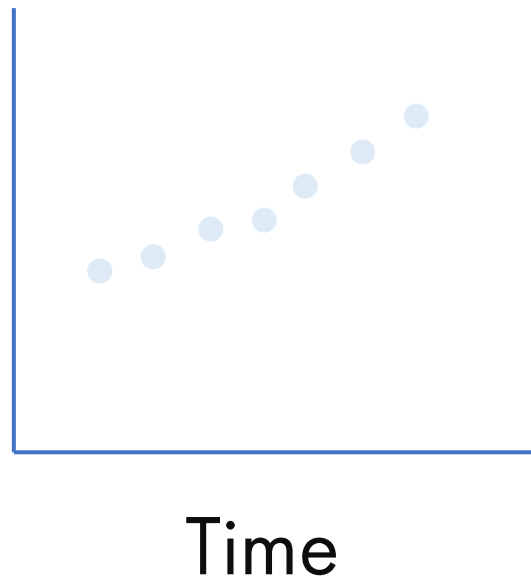
Less likely

Tomorrow

Autocorrelation

Same time series is
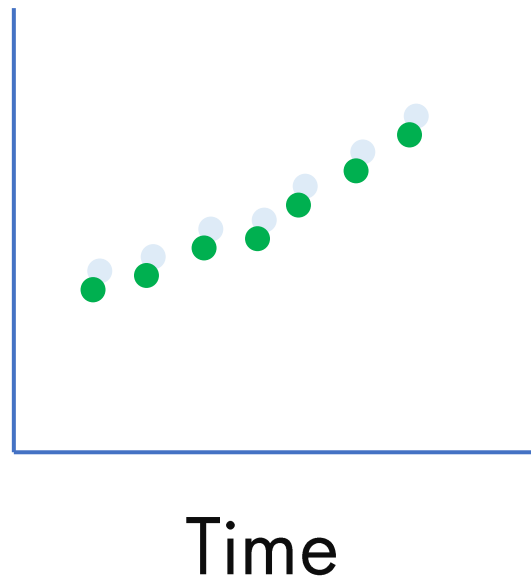used twice

Time

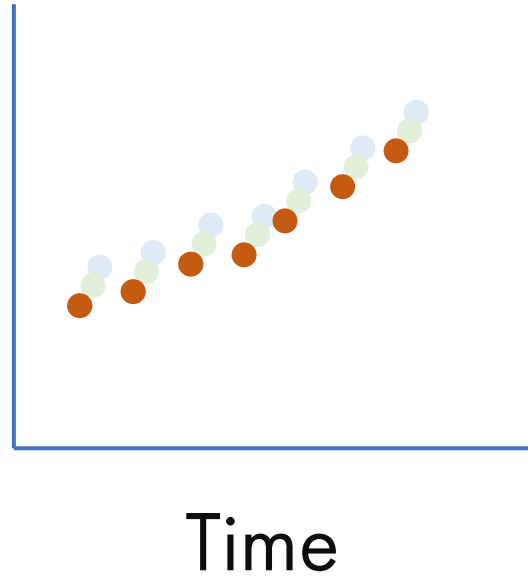Original form

Autocorrelation

Same time series is
used twice

Time

Lagged over one or
more time periods

Autocorrelation

Same time series is used twice

Time
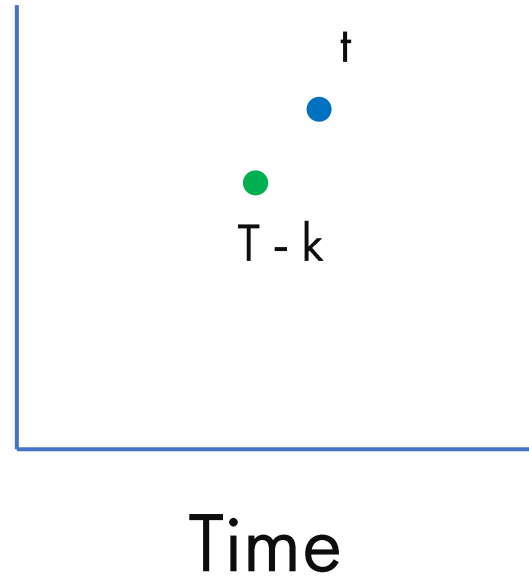
Lagged over one or more time periods

Autocorrelation

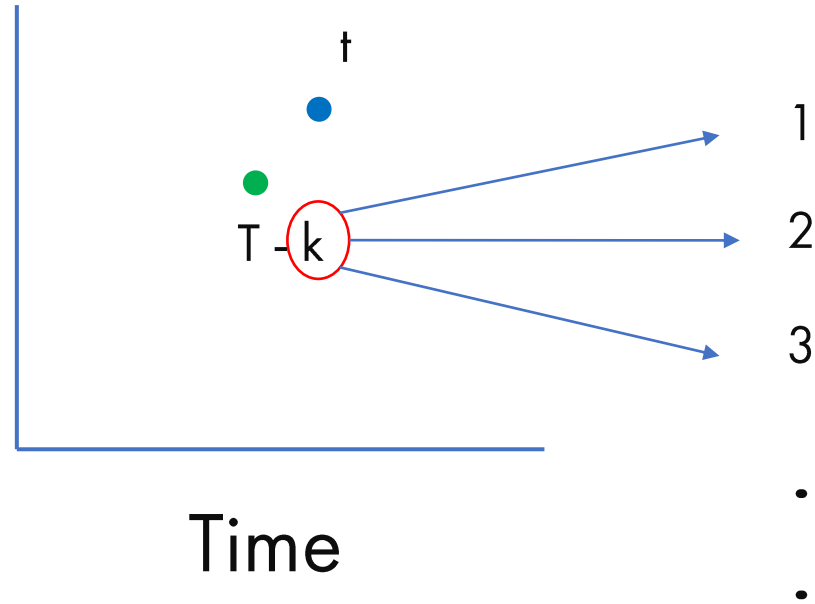Same time series is
used twice

Time

Lagged over one or
more time periods

Autocorrelation

Lagged over one or
more time periods

Autocorrelation

Time

Lagged over one or
more time periods

Autocorrelation

-1   1

Ranges between

Autocorrelation

Perfect positive
correlation

1

Autocorrelation

-1

Perfect negative
correlation