Seasonal Adjustment
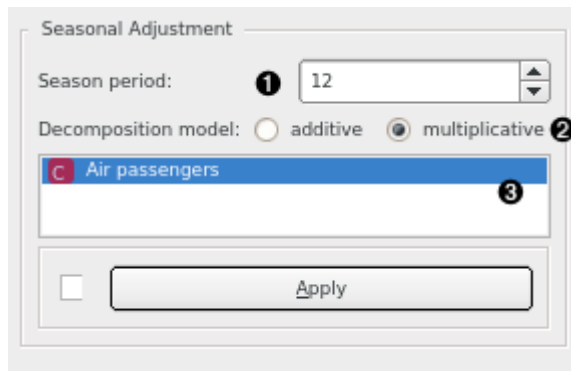
Decompose the time series into seasonal, trend, and residual components.

Inputs

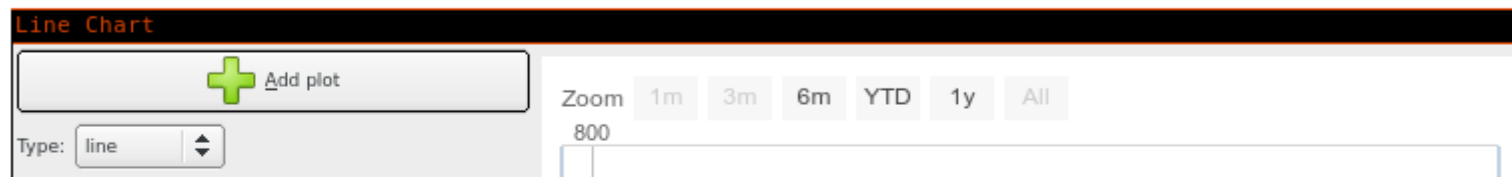- Time series: Time series as output by As Timeseries widget.

Outputs

- Time series: Original time series with some additional columns: seasonal component, trend component, residual component, and seasonally adjusted time series.

1. Length of the season in periods (e.g. 12 for monthly data).
2. Time series decomposition model, additive or multiplicative.
3. The series to seasonally adjust.

Example

Logarithmic axis

- Air passengers (season. adj.)
- Air passengers (seasonal)
- Air passengers (trend)
- Air passengers (residual)
- Air passengers

Type: line

Logarithmic axis

- Air passengers (season. adj.)
- Air passengers (seasonal)
- Air passengers (trend)
- Air passengers (residual)
- Air passengers

June 1949
- Air passengers: **135.00**
- Air passengers (season. adj.): **121.32**
- Air passengers (residual): **0.96**
- Air passengers (trend): **126.17**
- Air passengers (seasonal): **1.11**

Type: line

Logarithmic axis

- Air passengers (season. adj.)
- Air passengers (seasonal)
- Air passengers (trend)
- Air passengers (residual)
- Air passengers

See also

Moving Transform