

# Pathogen

Causal Network Studies

# What creates surprising insights in data?

When we take data in one archetype and convert it to another archetype.

*Examples*

*Video -> events*

*Time-series -> events*

*Events -> graphs*

*Graphs -> fuzzy cognitive maps*

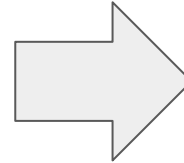
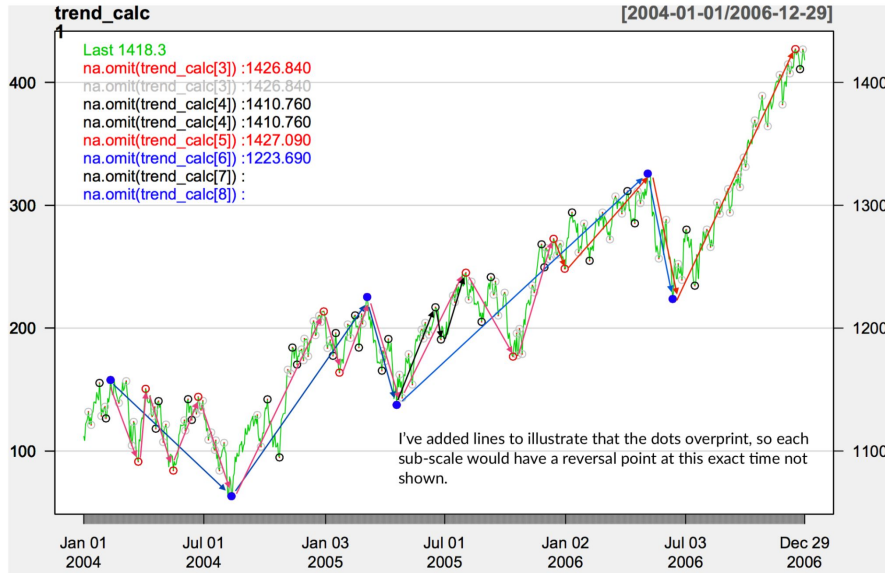
Then we apply the algorithms designed for the new archetype to our dataset, often for the first time.

The insights are often unexpected, and the insights are thus seen as very powerful, surprising even.

# What creates surprising insights in data?

*Time-series => Trend Reversal Events => Connected Events Graph => Pathogen Graphs => Causal candidates => Causal models?*

## Timeseries



## Causal Models

