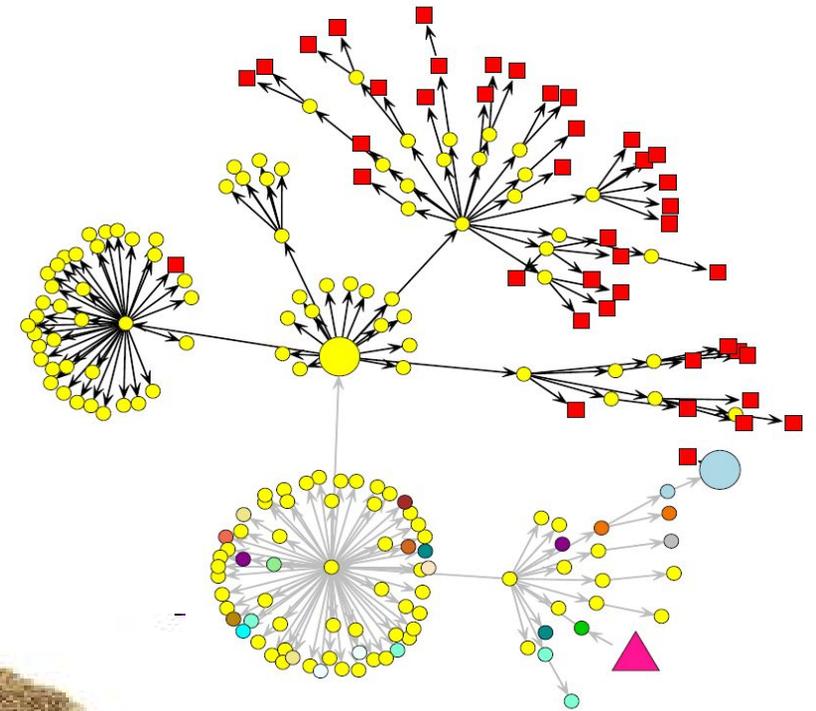


## Introduction to FoodChain-Lab



**Christian Thöns, Armin Weiser, Matthias Filter,  
Alexander Falenski, Bernd Appel, Annemarie Käsbohrer**

# FoodChain-Lab Nodes

**Supply Chain Reader**



**Tracing View**



**Tracing**



**Shapefile Reader**



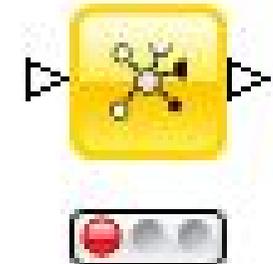
**Address Creator**



**Geocoding**



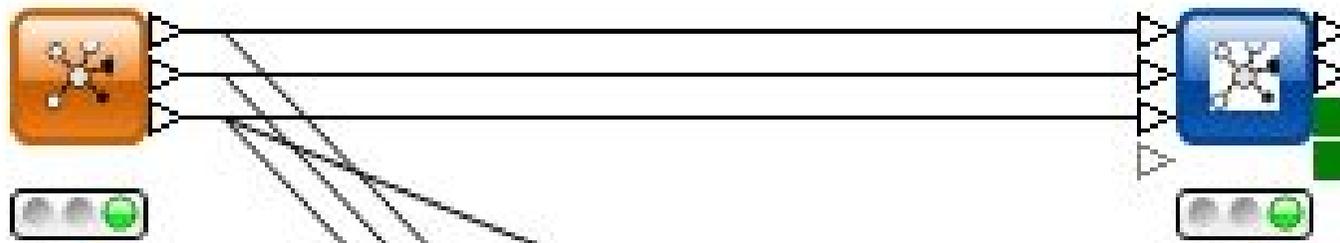
**GIS Cluster**



# FoodChain-Lab Workflow

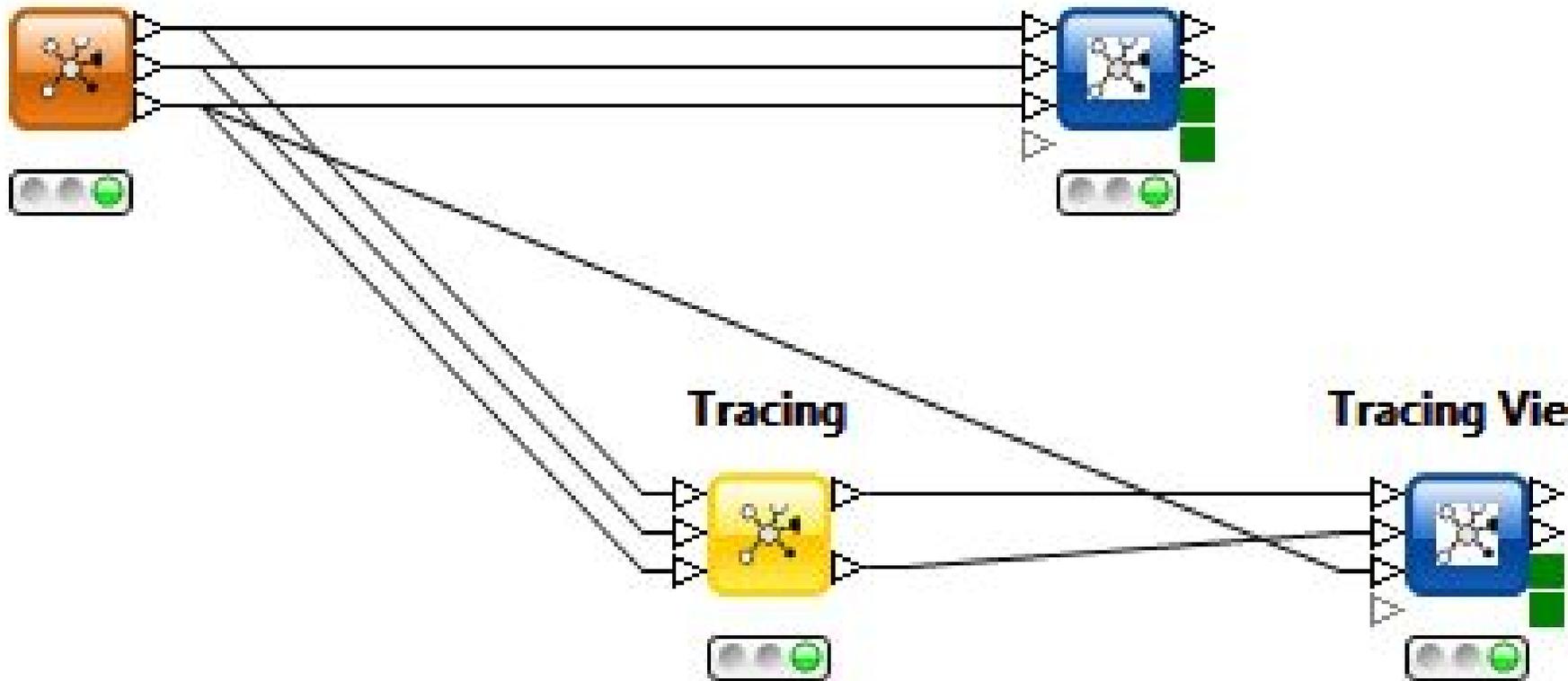
**Supply Chain Reader**

**Tracing View**

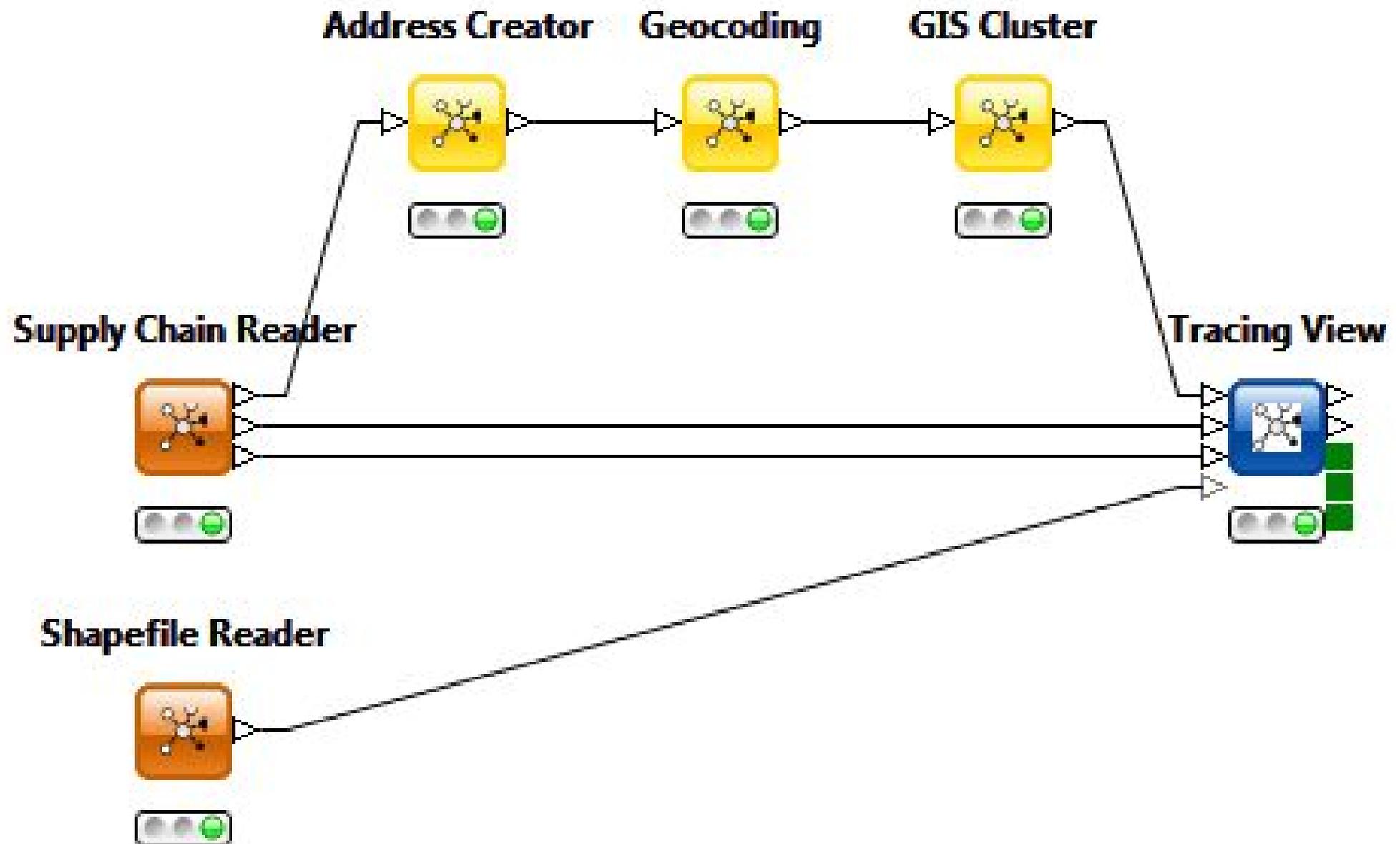


**Tracing**

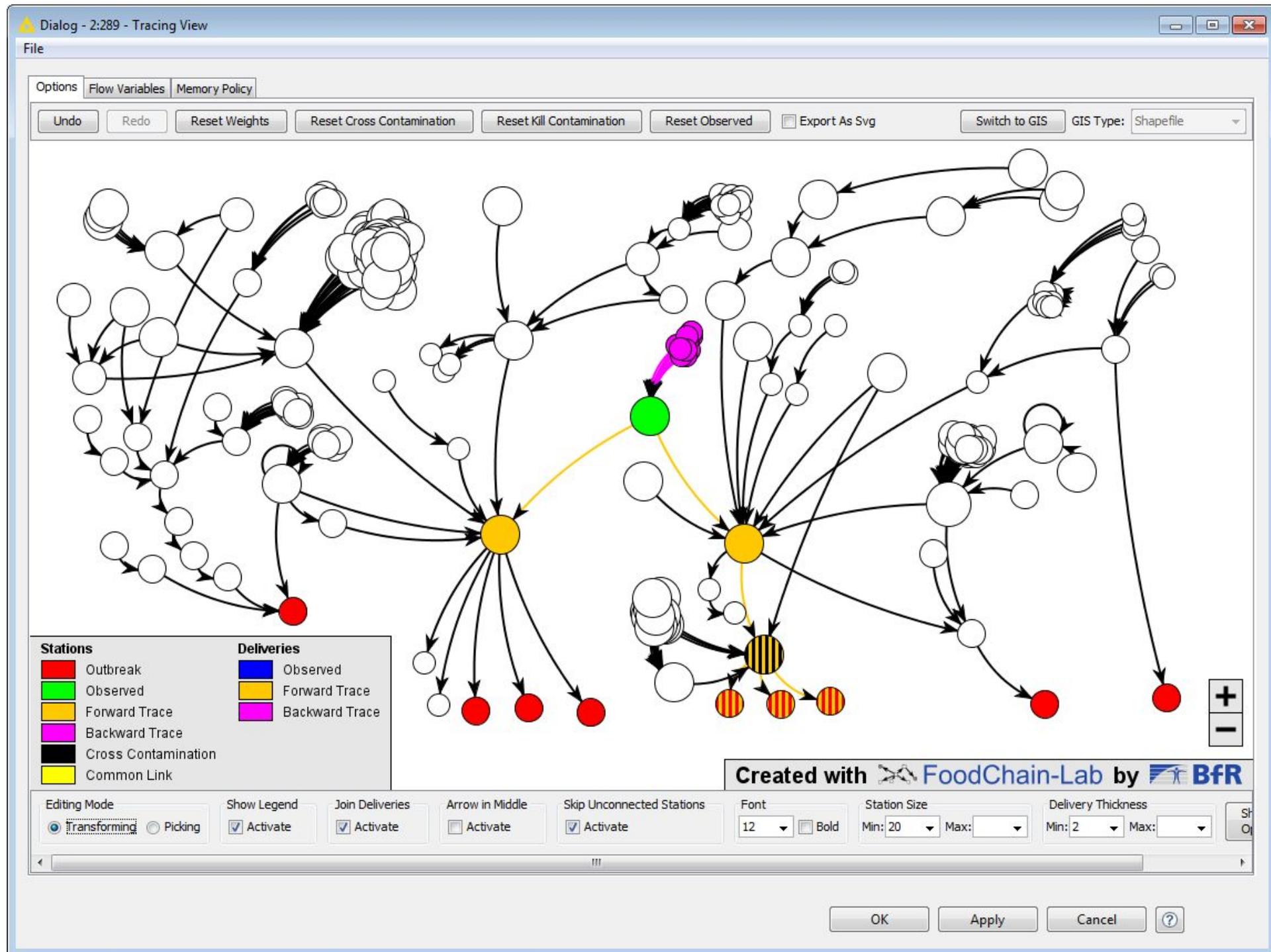
**Tracing View**



# FoodChain-Lab Geo-Workflow

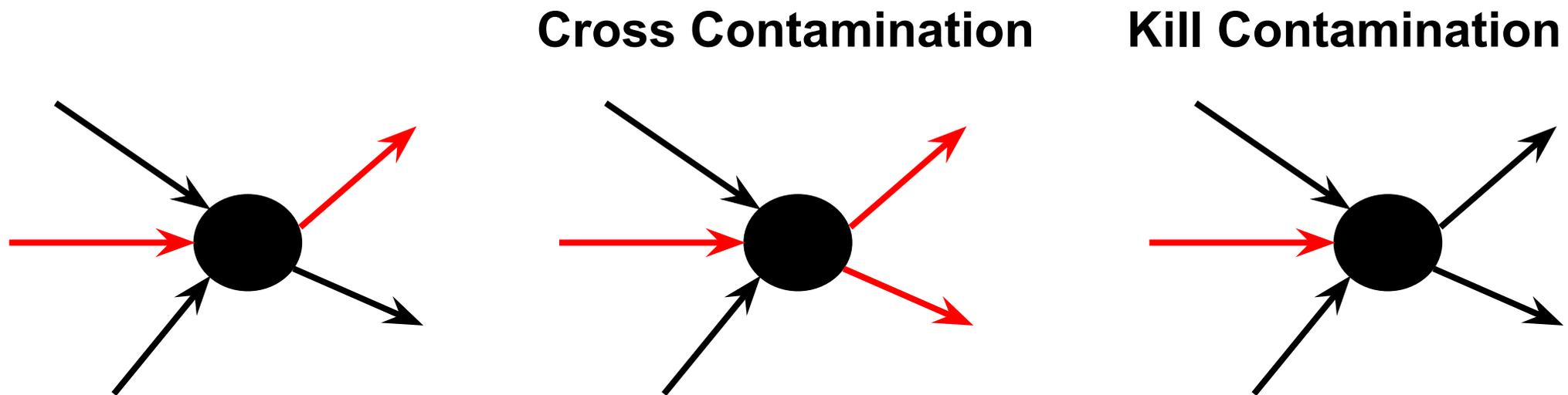


# Visualization



# Tracing

- **Trace:** Path a contamination can take
- **Observed:** Observe Station to visualize its trace



# Tracing

- **Weight:** Outbreak Stations can be weighted for Score computation
- **Score:** ~Likelihood that station is involved in outbreak
- **Weight + Cross Cont. + Kill Cont. -> Score**

# Highlighting

All properties of a station can be visualized (via color, size, text) e.g.:

- Score of Station → Size
- Outbreak Location → red
- German Strawberry Producers → yellow

# FoodChain-Lab – Live!





**Thank you for your attention**

**Christian Thöns**

<http://foodrisklabs.bfr.bund.de>

Federal Institute for Risk Assessment

Max-Dohrn-Str. 8-10 • 10589 Berlin, GERMANY

Tel. +49 30 - 184 12 - 0 • Fax +49 30 - 184 12 - 47 41

[christian.thoens@bfr.bund.de](mailto:christian.thoens@bfr.bund.de) • [www.bfr.bund.de](http://www.bfr.bund.de)