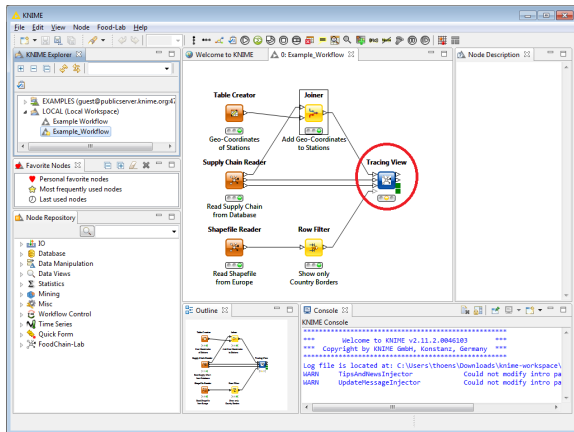
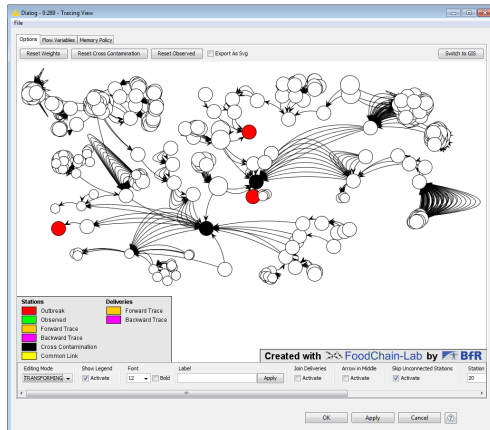


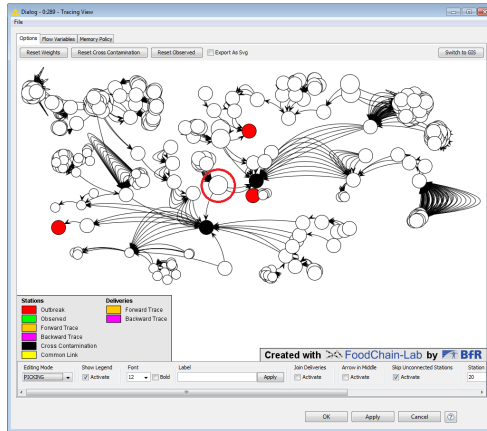
# Tracing in FoodChain-Lab



- Import the Example Workflow from [https://github.com/SiLeBAT/BfROpenLabResources/raw/master/GitHubPages/workflows/Example\\_Workflow.zip](https://github.com/SiLeBAT/BfROpenLabResources/raw/master/GitHubPages/workflows/Example_Workflow.zip).
- Open the **Tracing View** by double-clicking on it.



- In the delivery graph you can see three **Outbreak** stations (red) and two station where **Cross Contamination** is assumed.
- The size of each station is based on its "Score", which depends on the **Outbreak** stations that can be reached from the station.



- We will now observe the trace of a single station in detail.
- Set "PICKING" as **Editing Mode** and double click on the station in the red circle.

Properties

Input

Weight: 0.0

CrossContamination: ☐

Observed: ☐

Tracing

Score: 0.6666666666666666

Backward: false

Forward: false

ID: 1112007951

node: Station 30

Street:

HouseNumber:

ZIP:

City: Gorzów Wielkopolski

District:

Country: Lubusz

Country: PL

VAT:

Type of business: Supplier (unspecified)

Number Cases:

Date start:

Date peak:

Date end:

Serial: 45443444445446448486487488489490491492

SingleSupplier: false

DeadStart: false

DeadEnd: false

GeocodingLatitude: 52.731916

GeocodingLongitude: 15.236027

IsMeta:

OK Cancel

- A dialog will pop up, that all attributes of the station.
- Additionally you can change "Weight", "Cross Contamination" and "Observed".

Properties

Input

Weight: 0.0

CrossContamination: ☐

Observed: ☒

Tracing

Score: 0.0000000000000000

Backward: false

Forward: false

ID: 1112007951

node: Station 30

Street:

HouseNumber:

ZIP:

City: Gorzów Wielkopolski

District:

Country: Lubusz

Country: PL

VAT:

type of business: Supplier (unspecified)

Number Cases:

Date start:

Date peak:

Date end:

Serial: 45443444445446448486487488489490491492

SimpleSupplier: false

DeadStart: false

DeadEnd: false

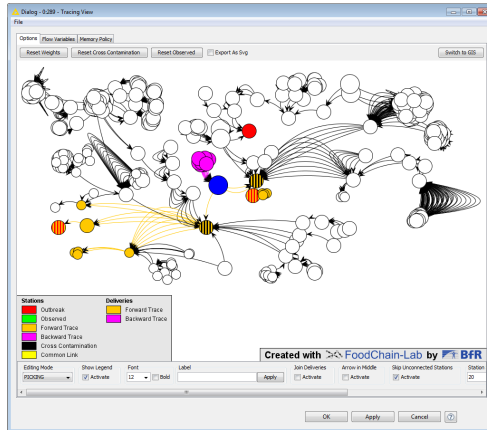
GeocodingLatitude: 52.731916

GeocodingLongitude: 15.236027

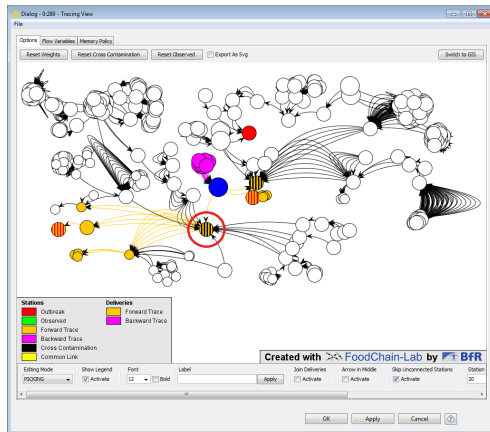
IdMeta:

OK Cancel

- Select **Observed** and press **OK**.



- All stations/deliveries of the forward trace are orange-colored and the ones of the backward trace are purple.
- Two of the three **Outbreak** stations are also orange striped now. That means they are also on the forward trace of the observed station.



- Let's see what happens if we deactivate cross contamination in station in the red circle.
- So double click on it.



Properties

Input

Weight: 0.0

CrossContamination: ☒

Observed: ☐

Tracing

Score: 0.3333333333333333

Backward: false

Forward: true

ID: 1152791334

node: Station 2

Street:

HouseNumber:

ZIP:

City: Bochum

District:

Country: North Rhine-Westphalia

Country: DE

VAT:

type of business: Supplier (unspecified)

Number Cases:

Date start:

Date peak:

Date end:

Serial: 1234512131821222324252627383242434445545556616263646566676871727374757610510774234346571572573874575

SimpleSupplier: false

DeadStart: false

DeadEnd: false

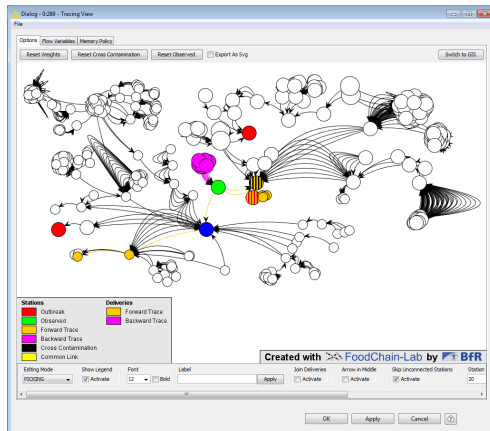
GeocodingLatitude: 51.482321

GeocodingLongitude: 7.238746

isMeta:

OK Cancel

- Uncheck **CrossContamination** and press **OK**.



- Deactivating cross contamination changed the forward trace of the observed station.
- Now the **Outbreak** station on the left cannot be reached anymore.