

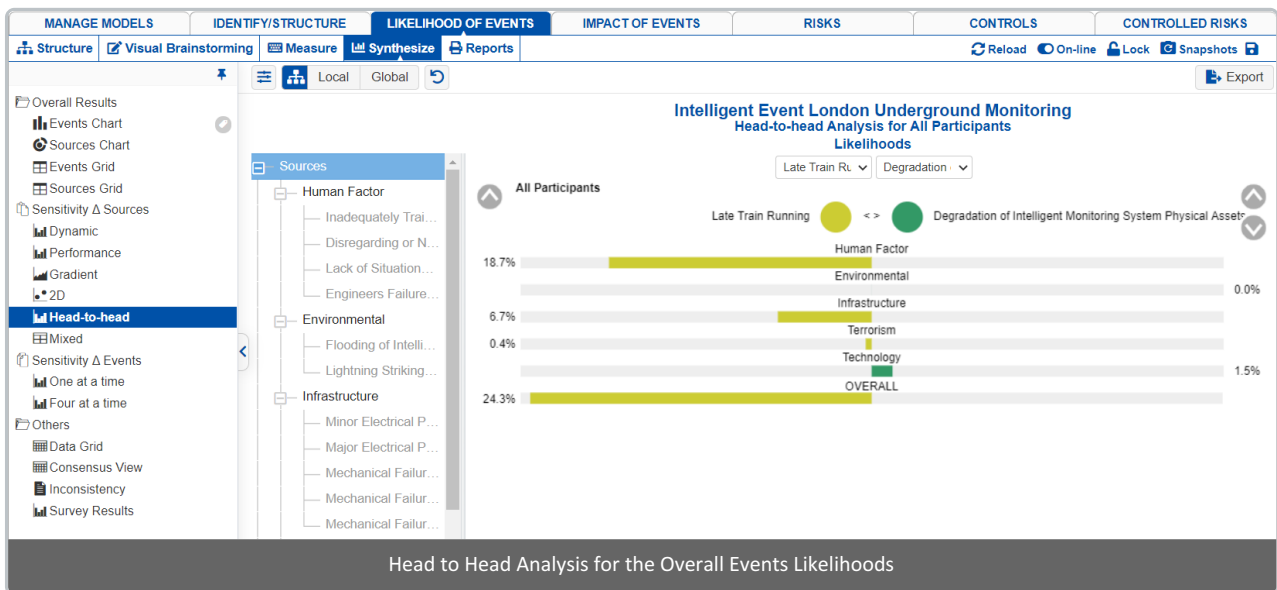
Likelihood: Head to Head Analysis

Overview

The Head-to-head analysis for Likelihoods shows how events compare to each other with respect to a Threat.

In Riskion, we refer to **threats**, **causes**, **hazards**, and **sources** interchangeably. While they may have slightly different nuances depending on the context in which they are used, they serve the same purpose -- they are all threats/sources of risk (for Risk Events) or sources of opportunity (for Opportunity Events).

In our sample model, we are using the terminology "Source(s)".



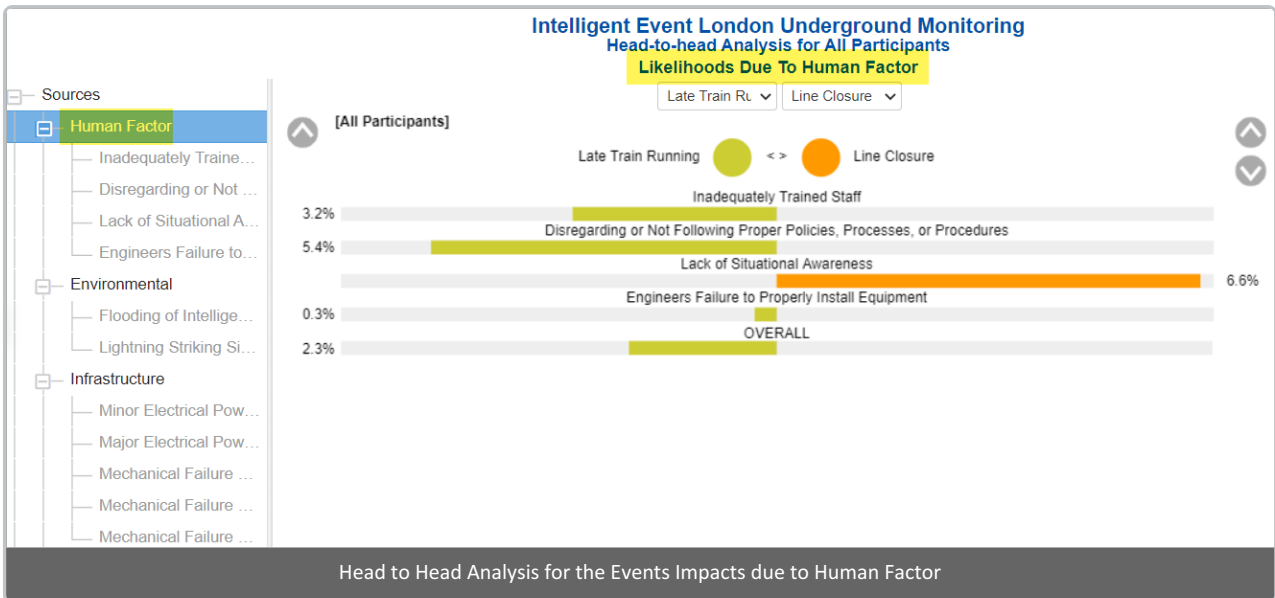
One event is listed on the left side of the graph and the other is listed on the right. Down the middle of the graph are listed the sources in the model. If the left-hand event is preferred to the right-hand event given the source, a horizontal bar is displayed towards the left. If the right-hand event is better, the horizontal bar will be on the right. If the two events are equal, no bar is displayed. The overall result is displayed at the bottom of the graph and shows the overall percentage that one event is better than the other; this is the difference.

You can change the events being compared using the pull-down menu:



or by clicking the icons.

By selecting an element in the hierarchy other than the top node, you can see the results due to this element rather than the overall results due to the "Sources" node.



You can show the local and global source's likelihoods on the Source Hierarchy at the right using the Local-Global buttons:

Local Global Simulated Results

Sources	All Participants	
	Local	Global
Sources		
Human Factor	59.58%	59.58%
Inadequately T...	10.47%	6.24%
Disregarding o...	45.18%	26.92%
Lack of Situati...	15.42%	9.19%
Engineers Fail...	13.97%	8.32%
Environmental	19.94%	19.94%
Flooding of Int...	2.03%	0.4%
Lightning Striki...	1.08%	0.22%
Infrastructure	23.38%	23.38%
Minor Electrica...	19.22%	4.49%
Major Electrica...	7.91%	1.85%

You can hide the Sources Hierarchy at the left using

Click to show/hide the toolbar options:

Filter events:
 Decimals:
 Sort Sources by:
 Sort Events by:

DIDN'T SEE WHAT YOU ARE LOOKING FOR? Try enabling the **Advanced Mode** switch at the bottom of the page, this will show the advanced options on this page.

Select Participants and Groups

You can select to display results for **one** participant or group using

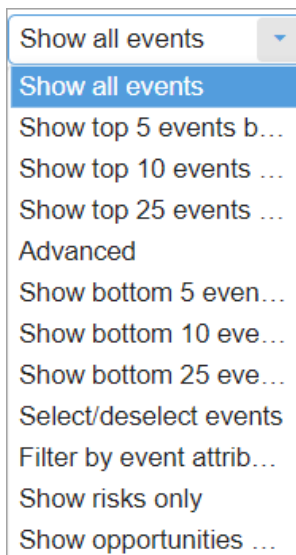


Clicking the  button will open a window where you can select a participant or a group.

You can use the prev  and the next  buttons to cycle through each participant or group.

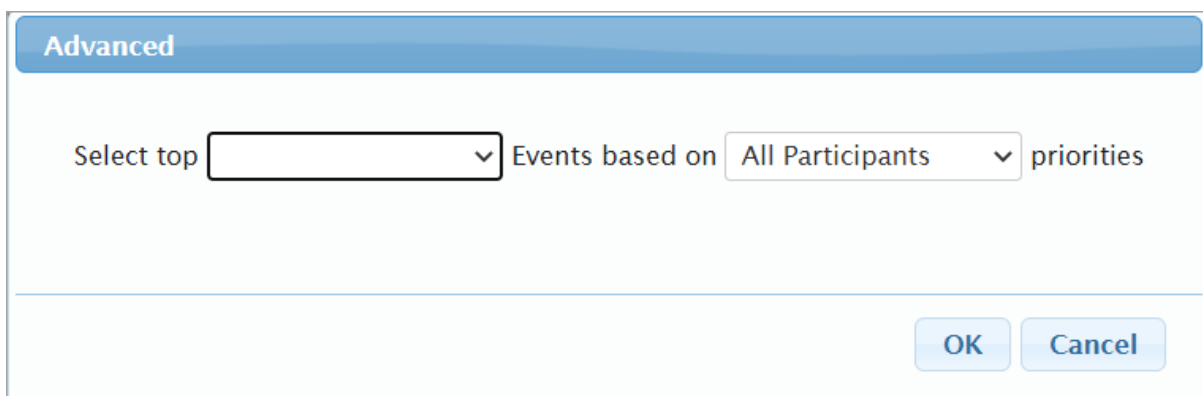
Filter Events

By default, all events are displayed.



You can select to display the top or bottom 5, 10, or 25 events based on the "All Participants" group likelihoods.

The Advanced filter, allows you to select a specific number for the top N, and base it on another group or participant.

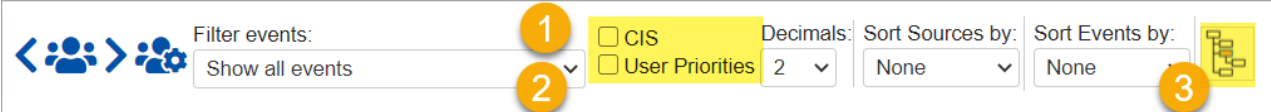


The select /deselection option, allows you to check/uncheck the events.

The filter by events attributes, filter the events base on the attributes specified on the Events page.

The show risks only / Show opportunities only are applicable for the Mixed model where events can be Risk or Opportunity.

Advanced Mode Options



The image shows a control bar for 'Advanced Mode Options' with several interactive elements highlighted by numbered callouts:

- 1**: A yellow callout circle pointing to the 'Filter events:' dropdown menu, which currently displays 'Show all events'.
- 2**: A yellow callout circle pointing to the 'User Priorities' checkbox, which is currently unchecked.
- 3**: A yellow callout circle pointing to the 'Sort Events by:' dropdown menu, which currently displays 'None'.

Other visible controls include:

- A 'CIS' checkbox, which is also unchecked.
- A 'Decimals:' dropdown menu set to '2'.
- A 'Sort Sources by:' dropdown menu set to 'None'.
- A 'Sort Events by:' dropdown menu set to 'None'.
- Navigation icons on the left: a left arrow, a group of three people, a right arrow, and a gear.
- A yellow icon on the right representing a hierarchical tree structure.