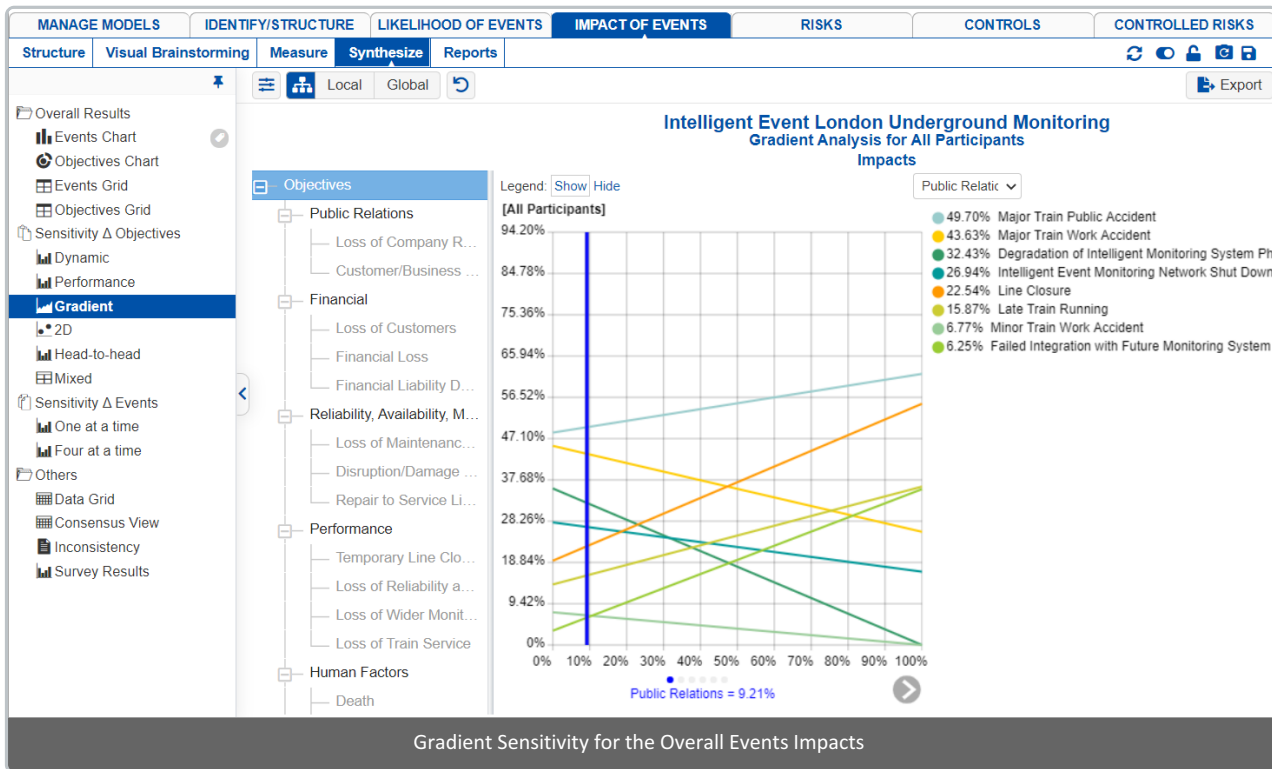


# Impact: Gradient Analysis

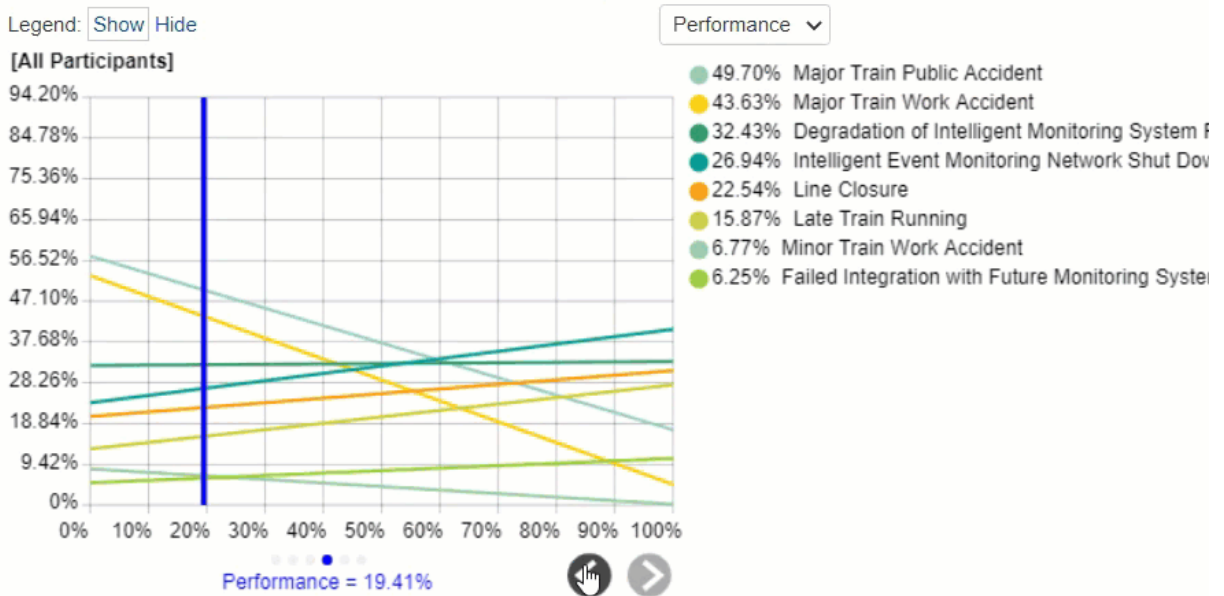
## Overview

The gradient analysis for Impact shows the rate of change of the impact of events due to the change in the impact of one of the objectives.




Gradient sensitivity is composed of:

- An objective on the x-axis -- which can be selected from  or a pulldown menu

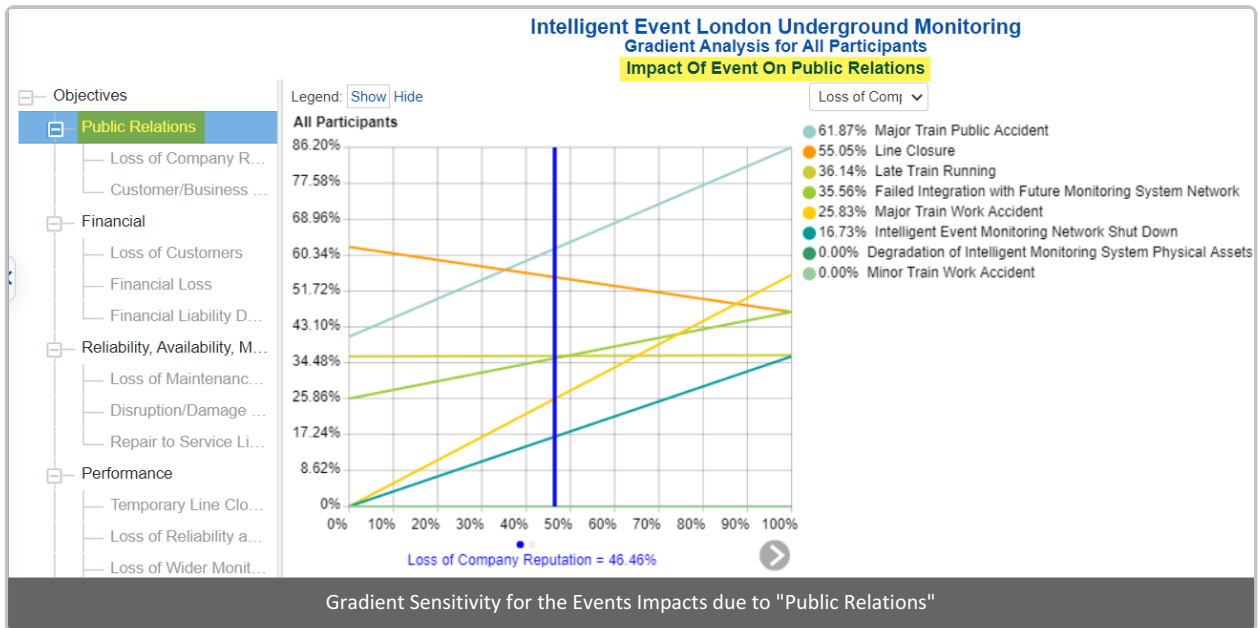


- A curve for each of the events
- A vertical blue bar representing the impact of the objectives being considered.

You can temporarily alter the relationship between the events and their objectives by dragging the blue vertical bar left or right. The original impacts are represented by the vertical gray bar.

After temporarily changing the impacts of one or more of the objectives, you can press the  reset icon.

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 "Objectives" node.








The gradient analysis above shows all the event impacts due to the selected node Public Relations

You can show the local and global objective impacts on the Objectives Hierarchy at the right using the Local-Global buttons:

Objectives	All Participants	
	Local	Global
Objectives		
Public Relations	9.21%	9.21%
Loss of Compan...	46.46%	4.28%
Customer/Busin...	53.54%	4.93%
Financial	7.22%	7.22%
Loss of Customers	22.71%	1.64%
Financial Loss	21.79%	1.57%
Financial Liabilit...	55.5%	4.01%
Reliability, Availabilit...	21.7%	21.7%
Loss of Mainten...	28.23%	6.13%
Disruption/Dam...	36.65%	7.96%
Repair to Servic...	35.12%	7.62%
Performance	19.41%	19.41%
Temporary Line ...	24.91%	4.83%
Loss of Reliabilit...	32%	6.21%
Loss of Wider M...	23.86%	4.63%

You can hide the Objectives Hierarchy at the left using 

Click  to show/hide the toolbar options:


				Filter events:	Decimals:	Sort Objectives by:	Sort Events by:	Events parameter:
				Show all events	2	None	Priority	Impact

**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.

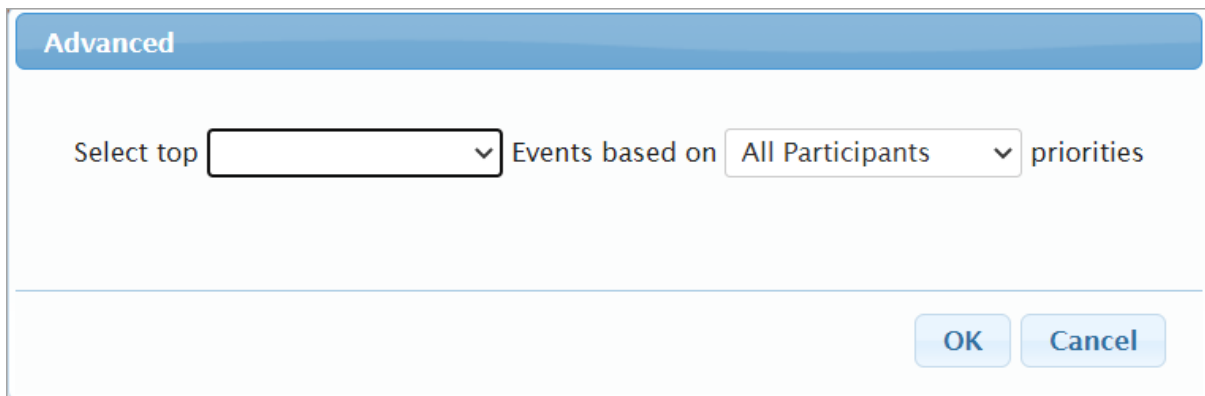
## Filter Events

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 impacts.

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

