





















Left to right: original, intensity, histogram approaches







































































## Paper: Dynamic Visualization of Transient Data Streams

## **Combined solution**

- 1. When influx rate < processing rate, reprocess entire dataset using MDS
- 2. When influx rate > processing rate, halt the MDS process
- 3. Using sliding window to update the display, repeat step 3 for a pre-defined number of updates
- 4. Use stratification approach for a quick overview, and use it to evaluate the current display
- 5. If error threshold is reached, go to step 1, otherwise go to step 3.

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## Dynamic Labeling

Key idea: remove sth from the display while interaction

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