# Transport rash!

#### Traffic and cascading information

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## Outline

- The Idea
- The Model
- Questions and Results
- Future work
- Applause

## The Idea

- There are many traffic control strategies:
  - Choice of scale required!
    - Local or Global mechanisms
- Can we avoid choosing a scale?
  - YES WE CAN!
  - Let the system choose it.



The signal can cascade to other nodes

## Question I Does it do anything?



We observe the system over a time window near the congestion transition without information.







# Outlook

- EMERGENT Information scale
- ROBUST!
- STABLE
- FUTURE WORK
  - Wider range of topologies and traffic patterns
  - Real-world maps (Los Alamos FTW!)
  - Cost of compliance VS non-compliance
  - Description of congestion transition and "metric" analysis

## That's it. Thanks.

#### Put your hands together please.

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