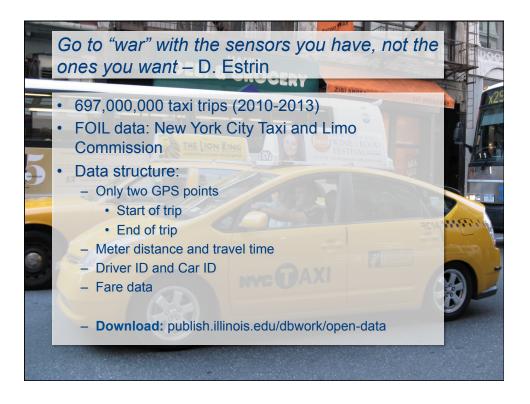
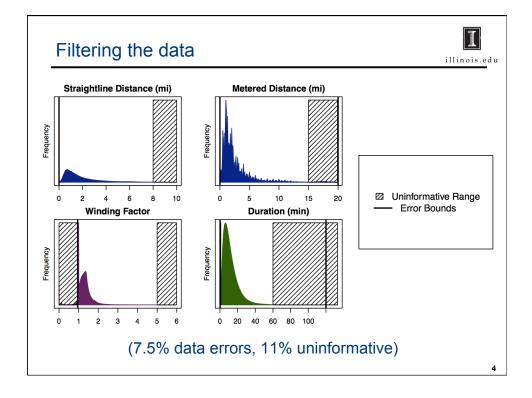
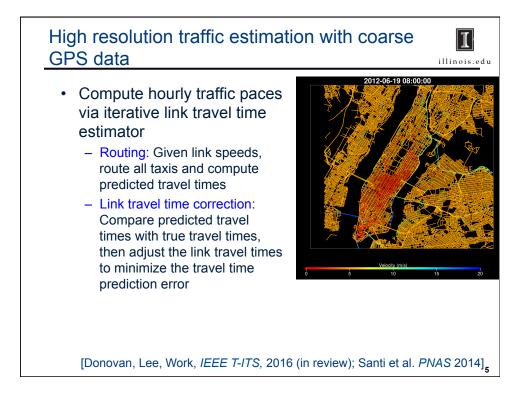


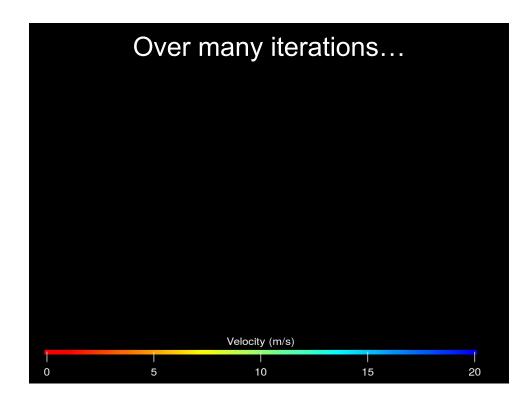


[A. Savulich, New York Daily News, 2012] 2







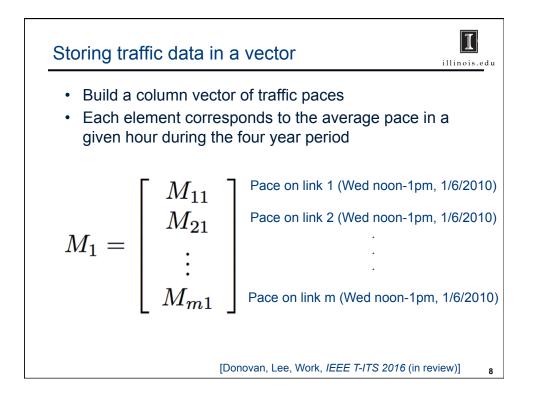


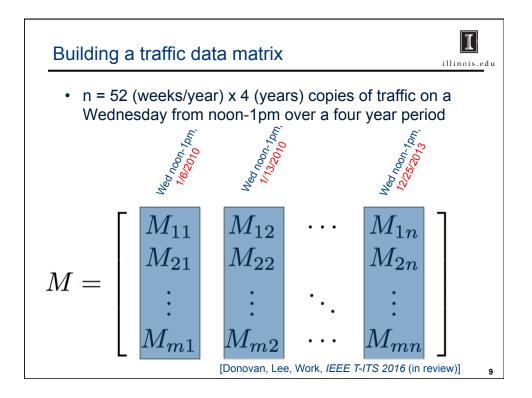
Scaling to multi-year datasets

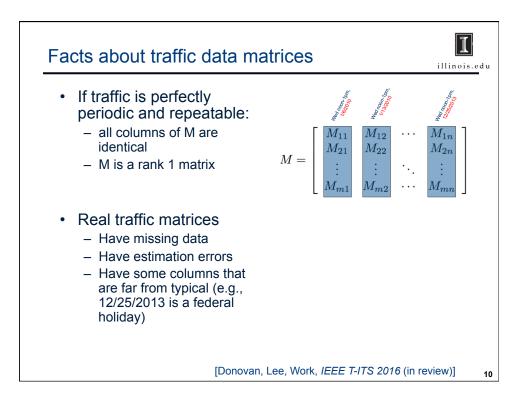
I

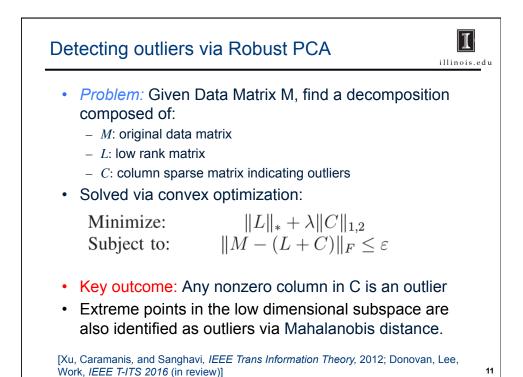
- NYC road graph
 - 24,000 nodes
 - 63,000 links
- Typical hour: 20,000 trips
- Computing traffic estimates
 - Bottleneck: routing step
 - Accuracy: ~2 min error per trip
 - Saved estimates: publish.illinois.edu/dbwork/ open-data

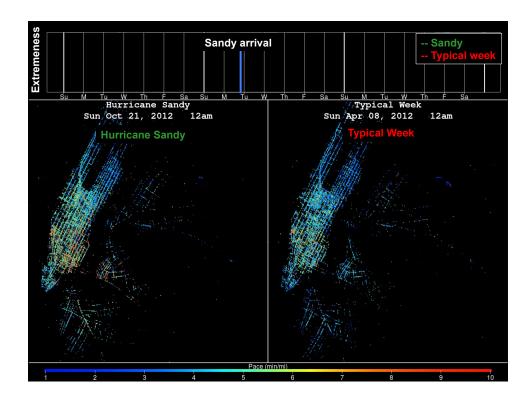






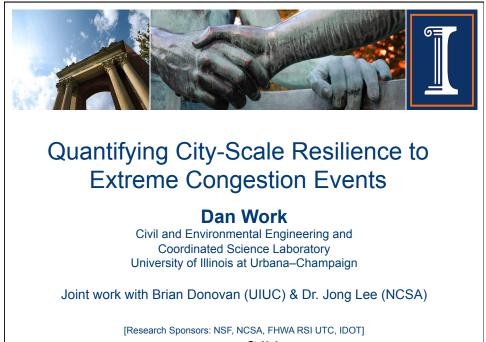






Event	Start Time	Duration (Hours)	Max Pace Dev (Min/Mi)	Min Pace Dev (Min / Mi)
Hurricane Sandy	2012-10-28 21:00	134	2.26	-1.54
Snowpocalypse	2010-12-26 13:00	109	4.24	0.33
Blizzard	2011-01-31 10:00	47	2.01	0.34
Hurricane Irene	2011-08-27 13:00	43	0.65	-1.65
Blizzard	2010-02-10 06:00	32	0.65	-1.03
Blizzard	2013-02-08 06:00	27	1.53	-0.59
Hurricane Irene		Snowpocal	ypse	Hurricane Sa





[Open source code and data available at GitHub and publish.illinois.edu/dbwork]

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