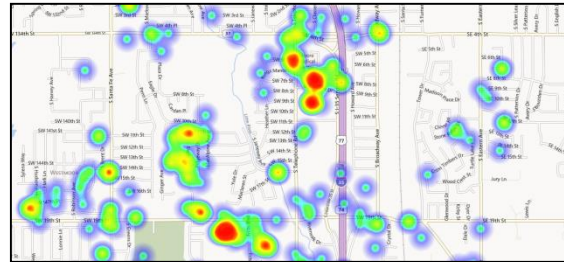


Visual Analytics System



Real-time Tweets

Spatial Analysis



(B)

Interactive Spatial Decision Support



Select a sub-region

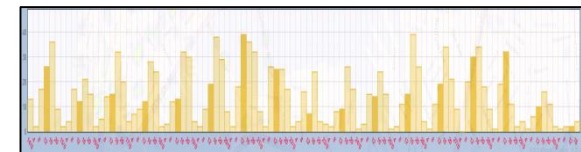
(C)

Spatiotemporal Visualization



Apply supplementary data

Temporal Pattern & Abnormal Topic Analysis



devastation share safe schools
oktornado city lot history underway
tornadoes cnnee told uvfqi eddiwilliamsjr
mondays devastating catastrophic sat qll
center medical damage front area
cars scene telegraph centre hfmgtwtu
man del standing oklahomacitytornado pic
jhbmpcs nbcnewspics helicopter hear lane
moore oklahoma tornado warren theatre

Tweet
Collection
using the
Twitter API

Database

(A)

Filter an area & a span of time



Analyst