

1163-A0-4

Stephanie Singer*. *Detecting anomalies in the 2020 election.*

Election systems are critical infrastructure, protecting elections is part of national security. The right to vote, and to know that the winners are legitimate, is fundamental to American democracy. This talk will present the election data ecosystem and practical challenges to consolidating data. We will discuss recent innovations in using anomaly detection to protect the integrity of elections, drawing examples from the 2020 US Elections. (Received April 1, 2020)