## DISSEMINATION OF INFORMATION IN EVENT-BASED SURVEILLANCE

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The main role of event-based surveillance (EBS) systems is to detect signals of disease outbreaks by mining the health information published in a broad range of online formal and informal sources. In this work, we describe for the first time the flow of outbreak information between sources used by two EBS systems. We applied network analysis to highlight the value of sources in the dissemination of information on African swine fever outbreaks in 2018 and 2019. The results showed the network was highly reactive, sharing information in less than a day. Press agencies and online news sources played an essential role in detecting and sharing outbreak information from national veterinary authorities, thus by-passing the international official organizations (OIE, FAO). The network also detected several non-official events, among which non-notifiable events relevant for risk assessment and epidemiological monitoring, such as the detection of ASF DNA in food.



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