



## **New SPC Methods for Monitoring Infectious Diseases**

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Infectious diseases threaten the public health in a regular basis. Effective monitoring and early detection of such diseases can provide us precious time to curb or handle the outbreak of an infectious disease effectively. In this talk, we will present our recent research on the development of new statistical process control (SPC) methods for infectious disease monitoring.

**Keywords:** auto-correlation; control chart; seasonality; sequential monitoring.