

URL to the article:

<https://caknawan.umk.edu.my/point-processes-at-a-glance>

A screenshot of the article:



For the entirety of my odyssey to complete writing my dissertation, I had devoted time and assiduous efforts to formulate models based on the theory of point processes, which aim to predict the numbers of reposts (or retweets) stemming from the original posts (or tweets) on a renowned microblogging platform called Twitter.

It has been of immense interest to me, as an avid researcher, to share what point processes are, to general readers who possess little to no prior knowledge of mathematics or statistics. This article shall explain what point processes are in an approachable manner, outlining their various forms in tandem. Therefore, complicated formulations or mathematical jargons are kept afar to prevent readers from being led astray.

A point process is a stochastic or random process whose realizations consist of point events in time or