Factors Related to Police Attendance at Crash Scene

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Time: 2.00pm – 3.00pm
Venue: MAS Executive Classroom 2, MAS-03-07
School of Physical and Mathematical Sciences

Police attendance at a motor vehicle crash scene is important for investigating the causes, reducing the likelihood of a secondary crash, managing traffic and reducing congestion. However, the majority of the crashes in most jurisdictions are not attended by the police and very little research has been conducted to examine the factors contributing to the decision. With the help of conventional statistical analysis and classification trees, this study finds that roadway, environment, driver, vehicle and crash characteristics have significant effects on the likelihood of police attendance at a crash scene.

Speaker Biography

With 15 years of experience as a biostatistician, Dr. Chan Siew Pang has published over 80 papers in peer-reviewed journals. Holding two master’s degrees and a PhD in industrial engineering, he had served as a statistical and data mining consultant to WongPartnership, National Computer Services, Ministry of Manpower, Communicable Disease Centre, Dun & Bradstreet and various pharmaceutical and clinical research organizations. He was previously emplaced under the National Service Talent Scheme, in recognition of his professional service as a statistician. His current research interests include medical analytics and road safety analytics, and will be heavily involved in the next four years in a SGD 1.17 million proteomics project funded by the National Medical Research Council.

Host: Division of Mathematical Sciences, School of Physical and Mathematical Sciences