

Discrete Model for the Bombings in Region XII, Mindanao, Philippines

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From the year 2000 to 2006, a total of 96 bombing incidents occurred, 101 bombs exploded, 86 were killed and 674 were injured in Region XII, Mindanao, Philippines. Cabanlit, et. Al. (2008) find that the mixture of the Displaced Exponential Distribution and Uniform Distribution shows a good fit as a time gap model. In this paper, we venture on the discrete case and find that the mixture of the Poisson Distribution and the Uniform Distribution gives a good fit.

We also present some of the interventions made by the government and we offer valuable recommendations for consideration.