

ABOUT A SIMPLE MODEL OF INFLUENZA PROGRESSION

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Abstract: *This paper is focused on a simple model of influenza spread through the population. Voluntary vaccination policies for influenza present a subtle challenge: if a sufficient proportion of the population is already immune, either naturally or by vaccination, then even the slightest risk associated with vaccination will out-weigh the risk of infection.*

Key words: *probability, mathematical models, vaccination, applications.*

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