

Approach to power law distribution
in dengue fever outbreaks

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In dengue outbreak data from Singapore it has been observed that the yearly distribution of the data changed in recent years from exponential to power law tails [1] Since a similar situation of change towards a power law distribution has been observed in measles outbreak data from England and Wales [2, 3] we investigate the existing dengue models, e.g. [4, 5], with the methods used in [2, 3, 6, 7].

We compare the results with the Singapore data and with additional data on dengue outbreaks from Minas Gerais, Brazil [8].

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