The destructive zero inflated geometric cure model

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Abstract: *In this paper, we propose the destructive zero-inflated geometric cure model. This model describes a realistic interpretation for the biological mechanism of the occurrence of the event of interest in studies of carcinogenesis. The usefulness of the new cure rate survival model is illustrated by means of cutaneous melanoma dataset.*

Keywords: Cure rate model; Destructive cure model; Geometric distribution; Weibull distribution; Zero Inflated geometric distribution.

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