

Different approaches for modelling grouped survival data: a mango tree study

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Interval-censored survival data, in which the event of interest is not observed exactly but only known to occur within some time interval, have appeared very frequently in real situations. Event times might be censored into different and possibly overlapping intervals of variable widths. However, there are situations where information is available for all units at the same observed visit time. Interval-censored data in such particular cases are termed grouped survival data. Alternative approaches for analyzing interval-censored data are presented and discussed in this paper. These techniques are illustrated by a survival data involving mango tree lifetimes. This study is an example of a grouped survival data set.

References

- [1] Lesaffre E, Komárek A, Declerck D (2005) An overview of methods for interval-censored data with an emphasis on applications in dentistry. *Statistical Methods in Medical Research* 14:539-552.