

On chi-squared tests for censored data

Mikhail Nikulin, Victor Segalen University, Bordeaux
(joint work with V. Bagdonavicius and R. Tahir)

Abstract

We consider chi-squared goodness-of fit tests for classical and more general parametric models including various regression models such as accelerated failure time, proportional hazards, generalized proportional hazards, frailty models, transformation models, models with cross-effects of survival functions. We consider also the complete and censored data. Choice of random grouping intervals as data functions is considered. Some results by simulation are discussed also;