

Comments on the article entitled, “Survival analysis of random censoring with inverse Maxwell distribution: an application to guinea pigs data”

In this article, the authors have considered the problem estimation of parameters based on the randomly censored data from inverse Maxwell lifetime model. They have provided interesting findings based on their consideration in the simulation study. The authors have organized their work well. Besides that, I have the following comments for the improvement of the article:

1. There are some grammatical/typos errors like: the first letter of “keywords” should be capital and many more in the article. The headings in sections and subsections are not uniform, they should be in uniform format throughout the article, like “InvMWD Sample with Randomly censoring Scheme” should be **“InvMWD sample with randomly censoring scheme”**.
2. The mathematical description of the random censoring required more creativity. The authors should rewrite subsection 2.1, so that readers can understand easily it.
3. The font size of the text and Table 1 are not uniform, authors are suggested to make it a uniform font.
4. For the M-H algorithm the authors should provide some more literature.
5. The T-K approximation procedure was used to obtain Bayes estimators. As many existing studies that the approximation method was finally beat by the MCMC method. The T-K approximation process in subsection 4.4 is quite complicated and finally it is a worse method. Do we need such an approximation but worse procedure today under the great computer power? I suggest that the authors provide more convinced reasons in the revision why the T-K approximation is necessary for this study.
6. The future scope should be included in the conclusion section.
7. Authors need to check references carefully as some typo mistakes are there like “type-ii” should be either Type-II or type-II.