

Re: observations in different scales

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John and Richard:

You both right that I have to use subject specific information. But my original objective was to find THE methods capable to make estimation based on independant observations over only ONE random variable (in my case this variable is the number events). The problem of these observations was that one part of them measured exactly (answers from 0 to 96) but the other part know in form of indicator functions ("0" or "1+").

Look at the following manuscript (we submitted it 4 months ago, but didn't get response yet; probably we will need to make some corrections; I hope minor ones)

<http://www.ms.uky.edu/~stari/TarimaPavlov.pdf>

In section 4 of this manuscript an estimator based on such observations was proposed. This estimator is asymptotically unbiased with the smallest variance and, moreover, this estimator is a well-known Kaplan-Meier one but derived not by means of profile likelihood approach but throught the other considerations.

What I am trying to do now is to provide a comparative analysis of this estimator with ... (I do not know which methods should be considered).

The example I suggested is just one of possible applications for the methodolgy described in the manuscript.

I would greatly appreciate any opinions on how the comparative analysis should be done.

With very best regards, Sergey Tarima.