
Subject: Re: Discrete Time Vs Continuous Time Survival Model
Posted by [Bridgette-DHS](#) on Wed, 25 Nov 2020 12:57:44 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

DHS staff cannot provide answers to such specific questions about statistical methods or estimation procedures in Stata. If you want to continue with this method, I hope other users will be able to help.

Note that neonatal deaths occur at age 0 months, a very compressed range. Timing within that first month after the birth is captured very well by the distinction between early neonatal (completed days 0-6, or b6 in the range 100 to 106) and late neonatal. Also for neonatal deaths you have virtually no censoring. The only censored cases will be births in the month (or 28 days) prior to the day of interview and you can just drop them. Also I don't think the assumption of proportional hazards (within the first month) that is built into Cox regression is appropriate or necessary. I would just use logit regression.
