Subject: Are You Dealing with Time to Event Outcomes?
From: "The Analysis Factor" <support@theanalysisfactor.com>
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To: Steve Simon <mail@pmean.com>

Hey, Steve!

Do you ever have a research question where time is a dependent variable:

- What is the impact of surgery on a lung cancer patient's five-year survival probability?

- What percentage of job-seekers will receive a job offer within 6 months of completing a training program?

- What is the failure rate of refrigerators designed with a new component?

Survival analysis (also called duration modelling in economics, reliability analysis in engineering, and event history analysis in sociology) is the branch of statistics to turn to in order to answer these questions.

But survival analysis isn't concerned only with analyzing the expected duration of time until one or more events occur.

It can also help us answer questions with more complexity and ambiguity, such as:

- If a patient survives the initial two weeks post-surgery, are they more likely to survive until the end of the time period?

- Are there differences in outcomes if a job seeker receives in-person training versus online training?

Answering these questions requires using regression models that do

not rely on an underlying normal distribution. That means the regression models you may have learned — which assume normality — cannot be employed here. If you try to use a normal distribution, you'll end up with biased results.

To properly apply these more complicated models, you're going to have to roll up your sleeves and get your hands into some complex and unique concepts, graphs, formulas, and calculus.

Survival analysis is a bit different than other regression models, but well worth the effort to master. It's a whole set of models that allow you to generate a wealth of information.

Don't get scared off by the complexity — simplifying complicated concepts is where The Analysis Factor excels, and exactly what we'll do in…

Survival Analysis: Models for Time to Event Data
An 8-Module Online, Live Interactive Workshop

This new workshop from The Analysis Factor begins Tuesday, Sept. 11, and runs for eight weeks.

Yes, tell me more!

Ready to simplify your data — and your life?

Join us for Survival Analysis: Models for Time to Event Data.

Happy analyzing,

Karen and The Analysis Factor Team

P.S. Members of Statistically Speaking receive 10% off all live workshops. Check the membership site for your discount code.

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