1.	Subjects are recruited to take part in a study examining the effect of a new therapy to aid with smoking cessation for persons who smoke cigarettes. If a subject is followed until he/she stops smoking, their survival time is:
	Uncensored
	Excluded from the analysis
	○ Censored
	O Survival time is zero, since the subject had the event of interest

2.	Subjects are recruited to take part in a study examining the effect of a new therapy to aid with smoking cessation for persons who smoke cigarettes. The event of interest is "quitting smoking". If a subject makes it to the end of the follow up period without quitting smoking, their survival time is:
	Excluded from the analysis
	Uncensored
	Survival time is zero, since the subject never had the event of interest
	Censored

3.	When the incidence rate ratio is 1.00, which of the following statements is true:
	There is a 100% chance of having the event of interest in at least on of the two groups being compared.
	The incidence rate of the event is the same in both groups being compared.
	The total time at risk in the follow-up period is the same in both comparison groups.
	The number of events during the follow-up period is the same in both comparison groups.
4.	What is a benefit of using an incidence rate ratio when comparing time-to-event data of two groups?
	The incidence rate can be computed when total follow-up time (years at risk) are different in each group.
	The incidence rate is easily interpreted as a relative risk measure between two groups.
	The incidence rate can be used when sample sizes are different in each group.
	All of the above.

5.	Which of the following statements describe aspects of the Kaplan-Meier estimate of the survival function? apply)
	The probability of surviving (remaining event free) beyond time 0 is 1 (100%).
	✓ Correct
	At the end of the follow-up period, the probability of survival (remaining event free) is always 0.00.
	The probability of survival (remaining event free) does not change at censoring times.
	✓ Correct
	If a participant drops out, the probability of survival will decrease at the time of drop out. The participant drops out the probability of survival will decrease at the time of drop out. The participant drops out the probability of survival will decrease at the time of drop out.

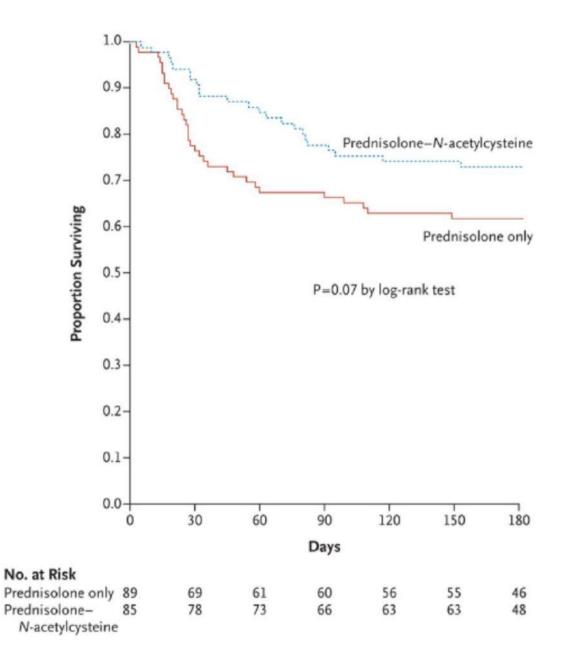
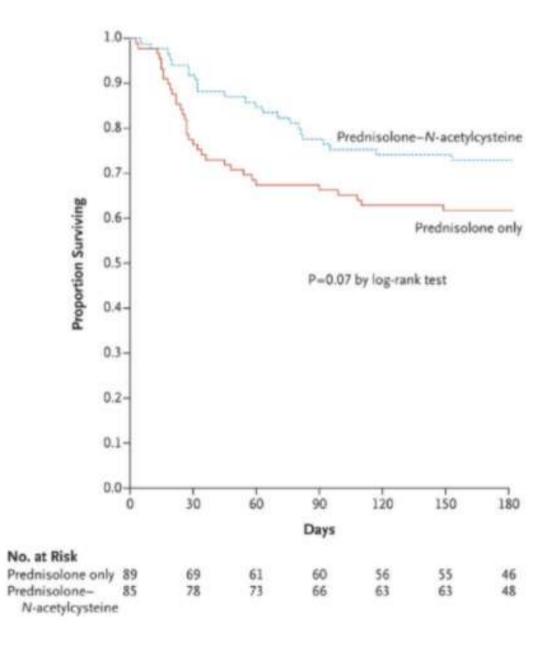


Figure taken from:

Nguyen-Khac E, et al. Glucocorticoids plus N-Acetylcysteine in Severe Alcoholic Hepatitis. *N Engl J Med* 2011; 365:1781-1789.

Based on the following Kaplan-Meier curve, one would expect the estimated incidence rate ratio (IRR_hat): of mortality
in the prednisolone-N-acetylcysteine group compared to the prednisolone-only group to be:



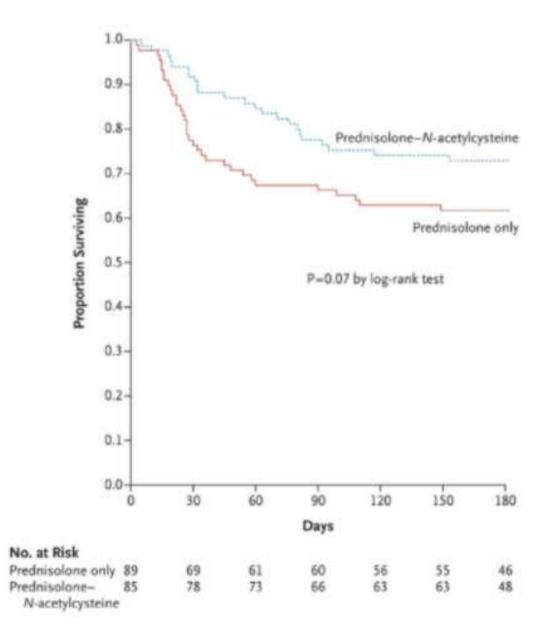
approximately 1

less than 1

greater than 1

() less than 0

7. In the study from which the following Kaplan-Meier curve was estimated, only 48 people out of the original 85 in the prednisolone–N-acetylcysteine group were still at risk at 180 days. However, the proportion surviving represented in the Kaplan Meier Curve is near 75%. This is because:



0	The true proportion surviving should be 56.5%.
0	37 people had events.
\bigcirc	48 people did not have events.
0	Some of the people had incomplete data and were censored before the 180th day.