

ZMATH 2016c.00922

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The Kaplan-Meier theatre.

Teach. Stat. 38, No. 2, 45-49 (2016).

Summary: Survival is difficult to estimate when observation periods of individuals differ in length. Students imagine sailing the Titanic and then recording whether they “live” or “die”. A clever algorithm is performed which results in the Kaplan-Meier estimate of survival.

Classification: K90 K60 M60

Keywords: teaching; censored data; medical statistics; Kaplan-Meier method; survival probability function
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