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

doi:10.1111/test.12095