

Murphy, S. A.; van der Vaart, A. W.; Wellner, J. A.
Current status regression. (English) [Zbl 1033.62021](#)
Math. Methods Stat. 8, No. 3, 407-425 (1999).

Summary: We consider the asymptotic properties of maximum likelihood and penalized maximum likelihood estimators of the slope parameter in the linear regression model under current status type censoring. For the penalized maximum likelihood estimator we present the full result, while for the ordinary maximum likelihood estimator we give a partial treatment only.

MSC:

[62F12](#) Asymptotic properties of parametric estimators
[62J05](#) Linear regression; mixed models
[62G05](#) Nonparametric estimation
[62N02](#) Estimation in survival analysis and censored data

Cited in **1** Review
Cited in **13** Documents

Keywords:

profile likelihood; semiparametric model; penalized maximum likelihood