

CORRECTIONS

UNIFORM ASYMPTOTIC NORMALITY OF THE MAXIMUM LIKELIHOOD ESTIMATOR

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It was stated on page 1376 of the paper that conditions "C1 and C2 *are equivalent to the single condition*" equation (1) of that paper. The words in italics should be replaced by "imply that"; the converse is clearly false, and nowhere is this subsequently used in the paper.

Corollary 1 does not follow without further equicontinuity conditions on the conditional distribution of $Z_i(\theta) = \{W_i(\theta)\}^{1/2} Y_i(\theta)$ given $W_i(\theta) = w$; see for example Steck (1957). Such conditions would appear to be very difficult to check in particular cases, and the author is currently investigating whether it is possible to strengthen conditions C1 and C2 on the information function to give Corollary 1. The unconditional asymptotic normality of Z_i is, of course, unaffected.

Finally, the random information function in the case of a supercritical Galton-Watson process is

$$\mathcal{I}_n(\theta) = \phi(\theta) \sum_{i=0}^{n-1} X_i - \phi'(\theta) \sum_{i=1}^n (X_i - \theta X_{i-1})$$

where $\phi(\theta) = \{\sigma(\theta)\}^{-2}$. In Section 5, only the first term (which is the *conditional* information function) was given. This does not affect the conclusion that Theorems 1 and 2 hold with $\{A_n(\theta)\}^2 = \theta^n$.

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REFERENCE

STECK, G. P. (1957). Limit theorems for conditional distributions. *Univ. Calif. Publ. Stat.* **42** 237-284.

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