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A correction for “Notes on drift estimation for certain non-recurrent diffusion processes from sampled data” in *Statistics & Probability Letters*, 2009, **79**, no. 20, 2200-2207.

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- In Theorem 2, only “ $\Delta \rightarrow 0$  and  $n\Delta \rightarrow \infty$ ” are assumed. However, we used in the proof that  $\Delta e^{\theta_0 n \Delta} \rightarrow \infty$  for  $\theta_0 > 0$ , which does not hold if e.g.,  $\Delta = n^{-1} \log n$ . Therefore we must specify the observation scheme more specifically.

One of the sufficient conditions is:

“there exists a constant  $\delta > 0$  such that  $n\Delta^{1+\delta} \rightarrow \infty$ . ”

which is very mild in practice.

- So in the Theorem 3, where “ $\sqrt{\Delta} e^{\theta_0 n \Delta} \rightarrow \infty$ ” is used in the proof.

That’s all. (Sept. 30 2009)