

Erratum to: On Rank Driven Dynamical Systems

J. J. P. Veerman¹ · F. J. Prieto²

Published online: 30 September 2015
© Springer Science+Business Media New York 2015

Erratum to: J Stat Phys (2014) 156:455–472 DOI: 10.1007/s10955-014-1012-0

In the article “On Rank Driven Dynamical Systems”, by J. J. P. Veerman and F. J. Prieto, *Journal of Statistical Physics*, 156:455–472 (2014), the following two errata were detected:

- In Theorem 2, where it states
“Furthermore Γ_{exo}^* is strictly increasing and C^∞ on $(0, 1)$ while $R_{endo}^* = \Gamma_{endo}^*(R_0)$ is the cdf corresponding to a weighted sum of finitely many delta distributions.”

it should instead say

“Furthermore Γ_{exo}^* is strictly increasing and C^∞ on $(0, 1)$ while $R_{endo}^* = \Gamma_{endo}^*(R_0)$ is the cdf corresponding to a weighted sum of finitely many step distributions.”

- In Eq. (8) there is a condition missing. Instead of

$$\alpha_i = \frac{q-p}{n-k(n)} + o(1/n), \quad \tilde{p} \equiv \sum_{i=1}^{k(n)} \alpha_i, \quad \tilde{\alpha} = \frac{q-p}{n-k(n)}$$

the equation should read

$$\alpha_i = \frac{q-p}{n-k(n)} + o(1/n), \quad i > k(n), \quad \tilde{p} \equiv \sum_{i=1}^{k(n)} \alpha_i, \quad \tilde{\alpha} = \frac{q-p}{n-k(n)}.$$

The online version of the original article can be found under doi:[10.1007/s10955-014-1012-0](https://doi.org/10.1007/s10955-014-1012-0).

✉ F. J. Prieto
franciscojavier.prieto@uc3m.es

J. J. P. Veerman
veerman@pdx.edu

¹ Fariborz Maseeh Department of Mathematics and Statistics, Portland State University, Portland, OR, USA

² Department of Statistics, Univ Carlos III, Madrid, Spain