

Erratum

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

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

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