

Corrections on the paper:

Tsukuda, K. (2019). On Poisson approximations for the Ewens sampling formula when the mutation parameter grows with the sample size. *Ann. Appl. Probab.* **29**, no.2, 1188–1232.

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- Page 1190, Lines 33–34. On notations, the explanation of the notations $O(\cdot)$ and $\Theta(\cdot)$ are completely wrong. The correct explanation is as follows:
Consider sequences $\{x_n\}_{n=1}^{\infty}$ and $\{y_n\}_{n=1}^{\infty}$. If $\limsup_n |x_n/y_n| < \infty$ then we write $x_n = O(y_n)$. If $x_n = O(y_n)$ and $y_n = O(x_n)$ then we write $x_n = \Theta(y_n)$.

Remark 1. In the paper, $O(\cdot)$ and $\Theta(\cdot)$ are used in the sense above.

- Page 1214, Lines 12–18. In Corollary 4.2, its proof, and Remark 4.4, several errors appear repeatedly. The equation in the statement of Corollary should be

$$P(S_n^k \not> r) \sim \sum_{x=0}^{k-1} e^{-\delta_r} \frac{\delta_r^x}{x!},$$

and the equation in the proof should be

$$P(S_n^k \not> r) = P\left(\sum_{j=1}^r C_j^n < k\right) \sim P\left(\sum_{j=1}^r Z_j < k\right) = \sum_{x=0}^{k-1} e^{-\delta_r} \frac{\delta_r^x}{x!}.$$

In Remark 4.4, the first sentence includes errors. The sentence should be:

Corollary 4.2 yields that, under the assumption of Proposition 4.3, $P(S_n^1 = 1) \sim 1 - e^{-\theta}$, so if $\theta \rightarrow \infty$ then $P(S_n^1 = 1) \rightarrow 1$ and if $\theta \rightarrow c < \infty$ then $P(S_n^1 = 1) \sim 1 - e^{-c} < 1$.

- Page 1231, Lines 3–4. In REFERENCES, the title of the article by Arratia, R., Barbour, A. D., Ewens, W. J., and Tavaré, S. is incorrect. The correct title is “Simulating the component counts of combinatorial structures”.

All the errors above are basic. I sincerely apologize for these errors.