

Corrigendum to 'The Pólya Information Divergence'

M. Grendár and R. K. Niven

November 15, 2010

In the definition of the Pólya information divergence $I(p||q;\gamma)$ [1], p. 4190, it should be $\gamma \in (-1, 0) \cup (0, \infty)$, instead of $\gamma \in (0, \infty)$.

For $\gamma = -1$, $I(p||q;-1) \triangleq H(q) - [H(p) + H(q-p)]$, where $H(\cdot)$ is the Shannon entropy.

Acknowledgment

We are grateful to Peter Harremoës for inducing the correction.

References

- [1] M. Grendár, R. K. Niven, The Pólya Information Divergence, Inform. Sciences 180 (2010) 4189-4194.