

ERRATUM

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Erratum to: A quantitative assessment of the Hadoop framework for analyzing massively parallel DNA sequencing data

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Erratum

The original version of this article [1] unfortunately contained a publisher error in Fig. 4. The figure was incorrectly captured as a duplicate of Fig. 5. The correct Fig. 4 has been published in this Erratum. See Fig. 1.

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Reference

1. Siretskiy A, Sundqvist T, Voznesenskiy M, Spjuth O. A quantitative assessment of the Hadoop framework for analyzing massively parallel DNA sequencing data. *GigaScience*. 2015;4:26.

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CPU hours consumption ratio F_{Hadoop}/F_{HPC} for Datasets S1-S9 on Hadoop I and II clusters

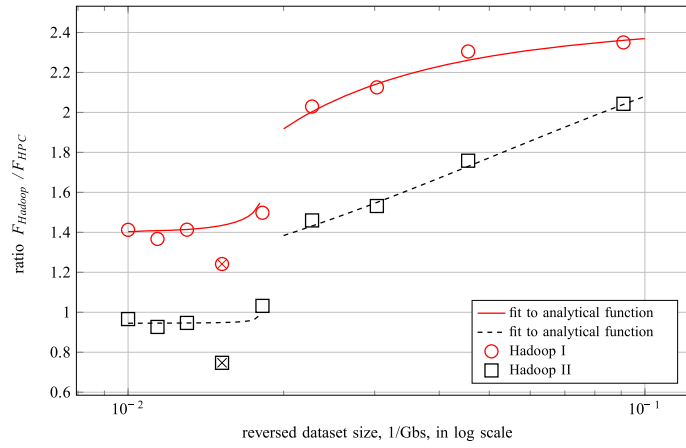


Fig. 1 The ratio of the F_{Hadoop}/F_{HPC} as a function of the reciprocal dataset size in Gb. The pipelines were run on the Hadoop I and II clusters, as well as a 16 core HPC node. The analytical curve $f(x) = (a_1x + b_1)/(a_2x + b_2)$ was used to fit the data for the stretches of linear scaling of calculation time on the HPC platform. The outliers are marked with crossed symbols