

Supplementary results for: A meta-analysis of computational biology benchmarks reveals publication bias affects on speed and accuracy

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Abstract

Keywords

computational biology — accuracy — benchmarks — meta-analysis — software development

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Introduction

XXXX

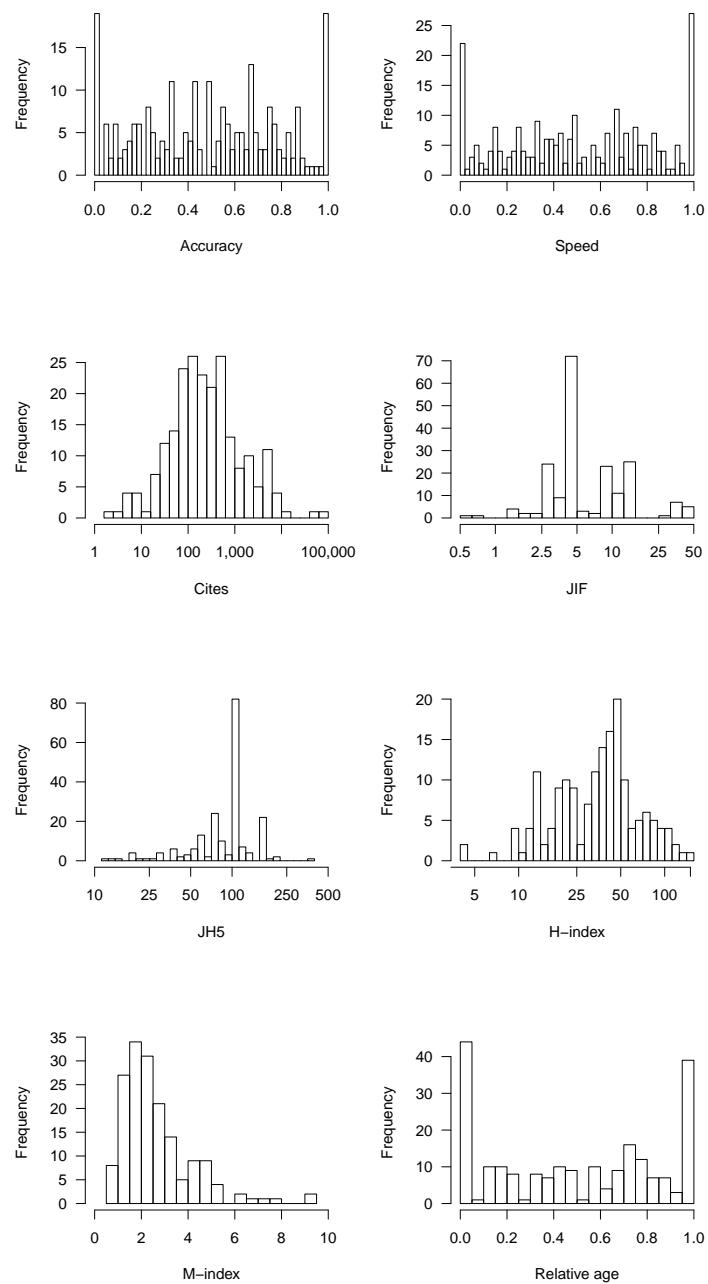


Figure 1. The distributions for the metrics used in this study. These are, reading from left to right, top to bottom: Accuracy – the mean normalised accuracy rank for each benchmarked method; Speed – the mean normalised speed rank for each benchmarked method; Cites – the number of citations to the most cited manuscript describing a method, data from GoogleScholar; JIF – the Journal Impact Factor to the highest impact journal that has published a manuscript describing a method, data from 2014 Thompson-Reuters Citation Reports; JH5 – the Journal H5 index to the highest impact journal that has published a manuscript describing a method, data from GoogleScholar 2015 Metrics; H-index – the H-index for the highest profile corresponding author from the manuscripts describing a method, data from GoogleScholar User Profiles; M-index – the M-index ($H\text{-index}/(\# \text{years since first publication})$) for the highest profile corresponding author from the manuscripts describing a method, data from GoogleScholar User Profiles;

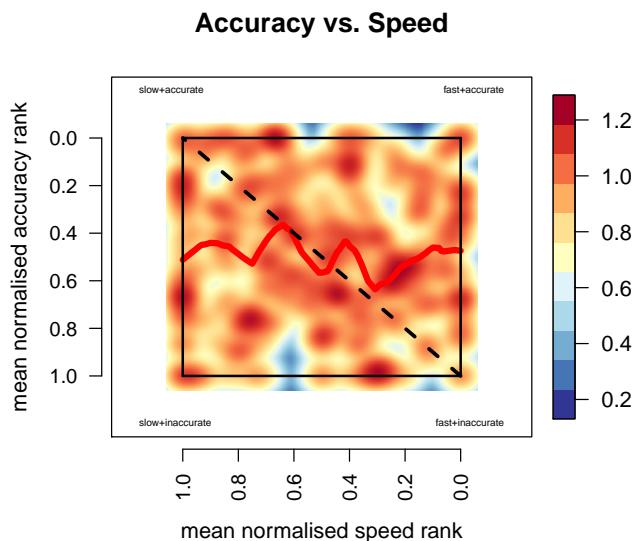


Figure 2. ...

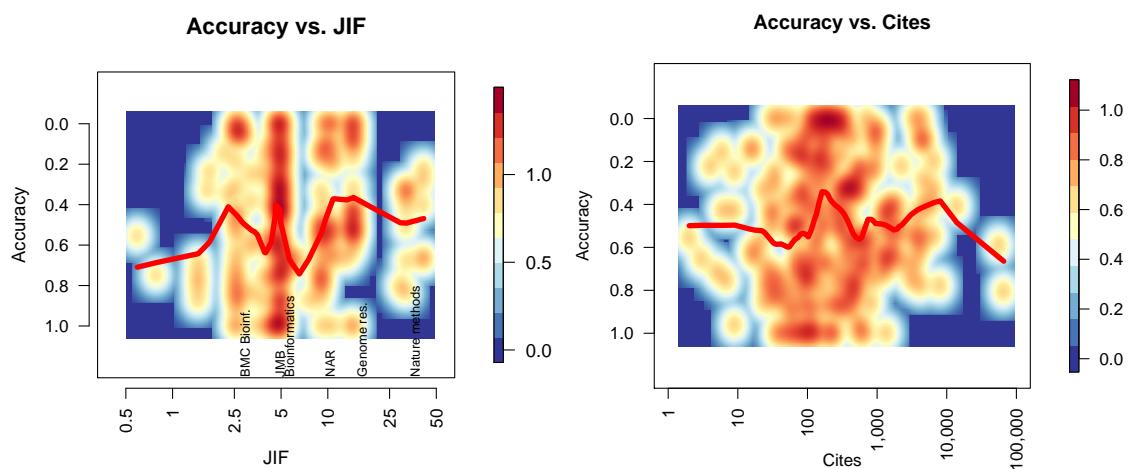


Figure 3. ...

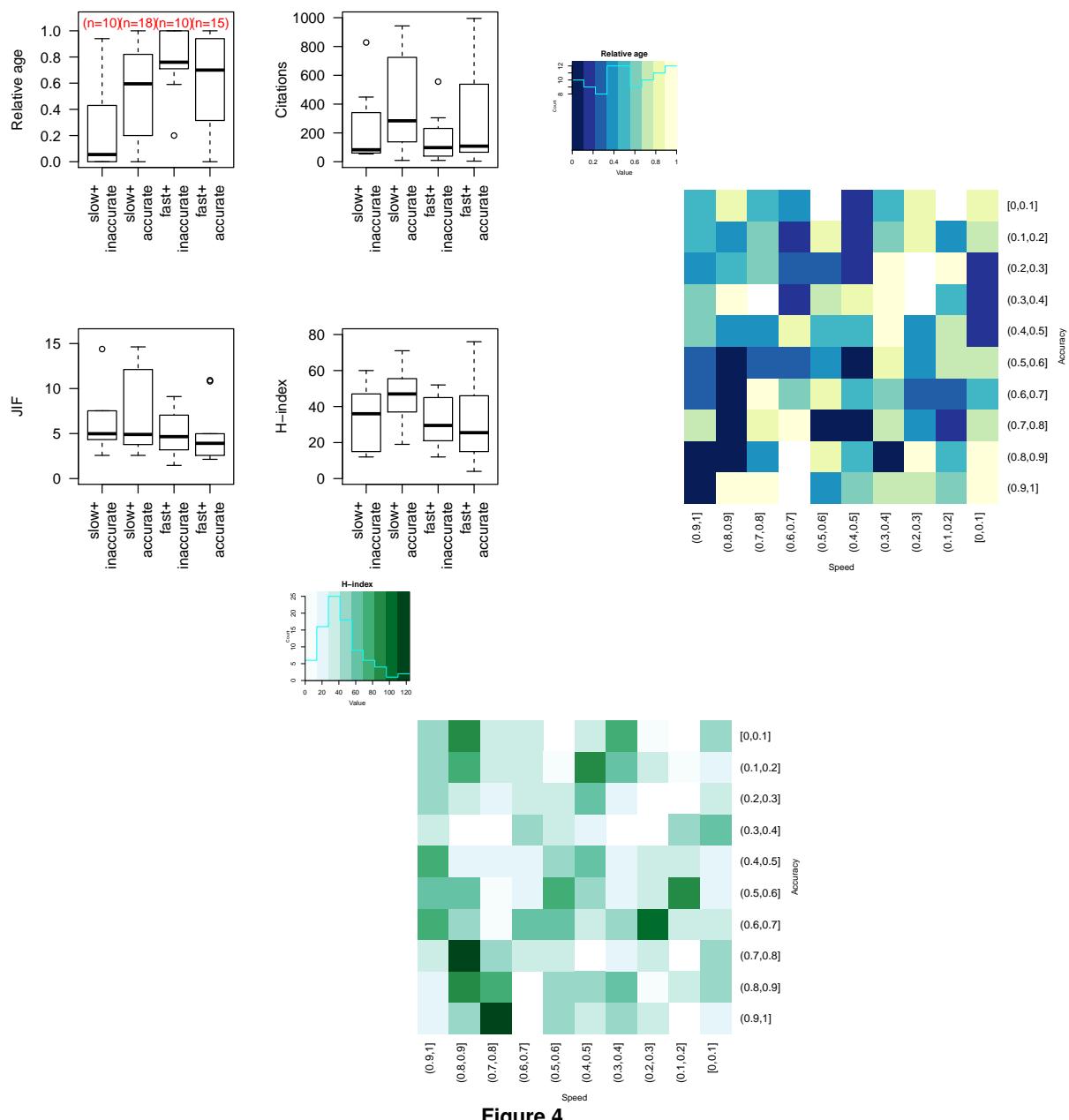


Figure 4. ...

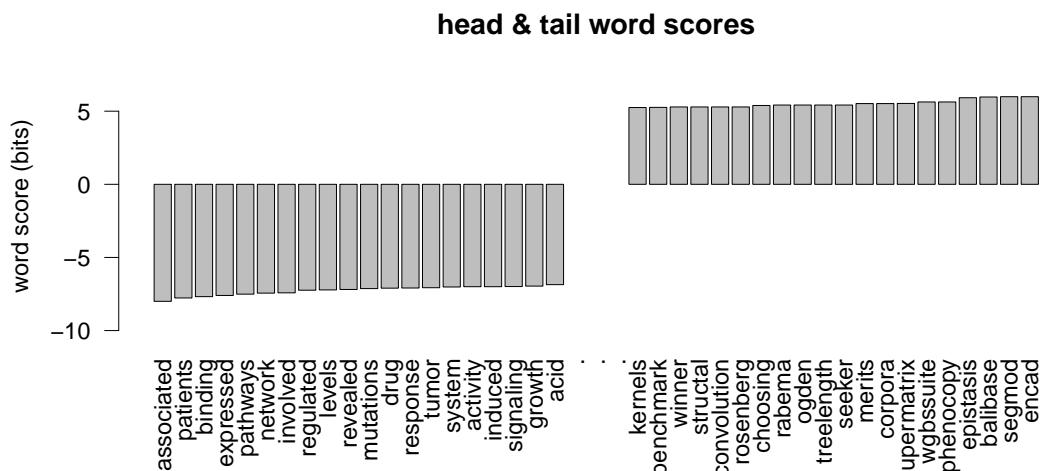


Figure 5. ...