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Empirical Analysis Of Programming Language

Empirical Analysis of Programming Language Adoption Leo A. Meyerovich UC Berkeley lmeyerov@eecs.berkeley.edu Ariel Rabkin Princeton University asrabkin@cs.princeton.edu
Abstract Some programming languages become widely popular while others fail to grow beyond their niche or disappear alto-gether. This paper uses survey methodology to identify

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Empirical analysis of programming language adoption. Pages 1–18.

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survey methodology to identify the factors that lead to language adoption.

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Empirical Analysis Of Programming Language Adoption

Results -- The implementation programming language of software projects seems to affect productivity. The comparison between the productivity level of each of the analysed programming languages shows important differences with the results by Capers Jones and

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Delorey et al.

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An Empirical Analysis of the Utilization of Multiple Programming Languages in Open Source Projects Philip Mayer Programming & Software Engineering Group Ludwig-Maximilians-Universität München Germany mayer@pst.i?lmu.de Alexander Bauer Statistical Consulting Unit Ludwig-Maximilians-Universität München Germany bauer.alexander@campus.lmu.de
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We followed a rigorous statistical analysis approach. Moreover, we compared our analysis with the productivity data provided by Capers Jones in 1996 and 2013 and with an investigation on open-source software by Delorey et al. Results: The implementation programming language of software projects seems to affect productivity.

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