STA2005S - Experimental Design Assignment

Jing Yeh
yhxjin001@myuct.ac.za

Saurav Sathnarayan
sthsau001@myuct.ac.za

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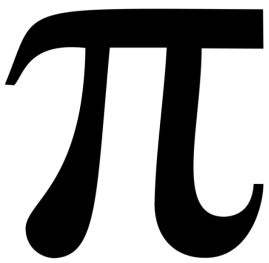
Abstract

In this report, we explored the efficiency of 6 programming languages through the approximation of π. We found that efficiency of various programming languages can vary widely, with C and C++ being the most efficient programming languages. We also presented evidence for compiled languages having better performance than interpreted languages. Our results suggest that programmers can benefit from taking the efficiency of various programming languages into account, rather than simply opting for simplicity in the syntax of these languages .

Keywords: Programming Languages, Efficieny, Large-Scaled Iterative Compuations



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