

DEVELOPMENT OF ALGORITHM FOR TESTING THE INFLUENCE OF INDO-ARYAN LANGUAGES UPON A LANGUAGE, WHICH IS IN THE PROCESS OF STANDARDISATION

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After discussing different techniques for standardisation process, here we have made an attempt in the direction of finding the impact of words of Indo-Aryan origin upon Kumauni by using statistical and mathematical process.

Key works : Analysis of variance/tests of significance/ upper hypergeometric cumulative probability

INTRODUCTION

Language, in the most important device of socialization, has about 3000 classes so far as the whole world is concerned. The numbers of words in each language are different, which in the case of our language (under the process of standardisation as reflected in our earlier works [1] & [2]) have been speculated to exceed fifty thousand by Ruwali [6]. The influence of Indo-Aryan languages has been contemplated on this language by its workers like Ruwali [5] and Pokharia [4].

What is their over all impact and whether it can be proved mathematically ?, has been the subject of concern for us and its has laid the foundation of present paper. We have tried to evolve an algorithm for this purpose, which can be used for the same purpose in case of any language.