

Bio-Statistical Approaches in Studying the Origin and the Parental Affinities of the Populations

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ABSTRACT A number of bio-statistical approaches are now available to understand the origin of a population, the genetic relationship between the population and the relative contribution of ancestral population to the present day admixed populations. The present paper provides the findings of two different studies, one on the estimation of genetic admixture among the Mexican, American of Starr Country, Texas and the other on genetic affinities of Srilankan populations with special reference to origin of the Sinhalese. The results, in aggregate suggest that the populations under study are homogenous inspite of their admixed nature and point towards the utility of such population for genetic and epidemiological studies. The findings also suggest the utility of bio-statistically methods in understanding the origin of a population in association with other related facts.