

Alcohol and Tobacco Influencing Prevalence of Hypertension among 15-54 Old Indian Men: An Application of Discriminant Analysis Using National Family Health Survey, 2015-16

Authors : Chander Shekhar, Jeetendra Yadav, Shaziya Allarakha

Abstract : Hypertension has been described as an 'iceberg disease' as those who suffered are ignored and hence usually seek healthcare services at a very late stage. It is estimated that more than 2 million Indians are suffering from hypertensive heart disease that contributed to above 0.13 million deaths in 2016. The paper study aims to know the prevalence of Hypertension in India and its variation by socioeconomic backgrounds and to find out risk factors discriminating hypertension with special emphasis on consumption of tobacco and alcohol among men aged 15-54 years in India. The paper uses NFHS (2015-16) data. The paper used binary logistic regression and discriminant analysis to find significant predictors and discriminants of interest. The prevalence of hypertension was 16.5% in the study population. The results suggest that consumption of alcohol and tobacco are significant discriminant characteristics in carrying hypertension irrespective of what socioeconomic background characteristic he possesses.

Keywords : hypertention, alcohol, tobacco, discriminant

Conference Title : ICPD 2019 : International Conference on Population and Development

Conference Location : London, United Kingdom

Conference Dates : May 23-24, 2019