

Age and Secular Factor in Adult Stature in Punjabi Khatri Males and Females of High and Low Socio-economic Groups

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ABSTRACT Age associated changes in adult stature of a cross sectional sample of 268 males and 396 females (age range 18-59 years) of 203 Punjabi Khatri families of high and low socio-economic groups were estimated by partial regression coefficient of stature on age, controlling subischial height. The values of ageing estimates indicate unequal developmental plasticity of the two sexes with respect to ageing. Ageing adjusted sex specific means of stature of parents were also compared with the average values of stature of the younger generation males and females. Sons of high as well as low socio-economic group have attained significantly higher ($P < 0.01$) mean values of height than fathers while daughters of only high socio-economic group are showing a significant increase in stature than their mothers.