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PRINT: ISSN 0972-3757 ONLINE: 2456-6360

Int J Hum Genet, 3(3): 151-154 (2003)
DOI: 10.31901/24566330.2003/03.03.04

**Heritability Estimates of Height and Weight in
Mahishya Caste Population**

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KEY WORDS Heritability; intrafamilial; stature; weight; Mahisya

ABSTRACT Intrafamilial relationship and heritability estimates of height and weight were estimated from data on 138 families of Mahishya caste, an agricultural population of Chakpota village in Howrah District, West Bengal. Multiple regression and partial correlation were used to adjust the age and sex influence on height and weight. Intrafamilial correlation suggests greater resemblance of height and weight between father-son and mother-daughter than between other parent-child relationships. Among sibs greater and significant sister-sister and brother-brother correlation was observed possibly suggesting sex influence for height. Heritability estimates were higher for stature (0.62) than for weight (0.54).

[Home](#) [Back](#)
