

Applicability of RBI and MFI for Sexing Human Mandibles

M.P. Sarangi, G.K. Sharma and R.K. Varma

Lady Hardings Medical College and Associated Hospital, New Delhi 110 001, India

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ABSTRACT Fifty intact, dry and healthy human 'Mandibles' were examined with special reference to the various cut-off points in respect of RBI (Rameal-Breadth Index) and MDI (Mandibulo-fomninal Index) for classification of the specimens as male and female. The RBI value of 57 was reflected as the most optimum cut-off point while for the MFI, the 'maxima' was at the cut point MFI value of 95, irrespective of the age. The 'test cut-off points' of RBI and MFI were also determined in order to check their degree of sensitivity and specificity for such classification of sex which was fifty-eight percent and sixty-two percent, respectively for the RBI as against sixty-two percent, and sixty-four percent in the case of MFI, for all age group samples.