

Asymmetry and Correlations of Palmar Ridge Counts

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ABSTRACT Bilateral ridge count asymmetry and correlations among three palmar configurational areas, viz. a-b, b-c and c-d in Manne Dora tribe from Andhra Pradesh are investigated. The highest mean directional asymmetry (MDA) for ridge count is noticed in c-d among men and a-b among women. The interdigital area c-d registers the highest mean absolute asymmetry (MAA). The correlation coefficients between ridge counts of various configurational areas indicate that correlations between homologous areas are stronger than between non-homologous areas. Also significant bisexual difference is found for ridge count correlations between palmar areas in right hands and between non-homologous regions.