

ABSTRACT

*CORRELATION BETWEEN HAND LENGTH AND LAMPUNG
MALE'S STATURE IN NEGERI SAKTI VILLAGE
PESAWARAN DISTRICT*

BY

MUSLIM THAHER

Lampung province has a strategic position for the mobility of Sumatra's people, with 7,608,405 inhabitant. The dense mobility resulted in high rates of accidents and crime. Measurement of body parts can be estimate the stature. There are various formulas that have been formulated by experts in forensic medicine on stature estimation by measuring the length of the bone, but not enough research to find a formula on the human in Lampung. This study was conducted in Negeri Sakti Village, Pesawaran District.

An analytical cross sectional study had conducted on 34 Pepadun Lampung males. The subject of this study is 21-50 years old. Then, the stature and hand length are measured to find the correlation and the regression formula between them.

There is a strong correlation between the length of left hand and the male stature of pepadun Lampung ethnic ($r=0.627$) with formula: $Y=89,241 + 3,913x \pm 4,66$ cm. The right hand length also has a strong correlation ($r=0.622$) with formula: $Y=86,156 + 4,082x \pm 4,68$ cm; there is $Y =$ Stature, $x =$ hand length. Right and left hand length have identical measured ($\text{sig}=0.375$). Both of those formula could be use to estimated the stature of pepadun Lampung ethnic.

Keyword : Hand length, Lampung pepadun, Male, Regression, Stature