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[J Forensic Leg Med.](#) 2007 Jul;14(5):279-83. doi: 10.1016/j.jcfm.2006.10.014. Epub 2007 Jan 18.

Estimation of stature by foot length

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PMID: 17239652 DOI: [10.1016/j.jcfm.2006.10.014](https://doi.org/10.1016/j.jcfm.2006.10.014)

Abstract

The aim of this study was to develop a relationship between foot length and stature using linear and curvilinear regression models. Measurements of foot length and stature were taken from 250 medical students (125 males and 125 females) aged 18-30 years. General multiple linear regression model was highly significant ($P < 0.001$) and validated with highest values for the coefficients of determination $R(2) = 0.769$ and multiple correlation coefficient $r = 0.877$. Right foot length, sex and age explained for about 77% variations in stature.

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