

The European Journal of Orthodontics, Volume 18, Issue 6: December 1996.

A comparison of crown size dimensions of the permanent teeth in a Nigerian and a British population

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ABSTRACT

This investigation was undertaken to compare the mesio-distal and bucco-lingual crown dimensions of the permanent teeth in Nigerian and British population. The study sample consisted of 30 pairs of study models of children from each of the two populations. The children were matched for sex. The mean age for the Nigerian and British samples was 12.5+1.4 years and 12.9+1.2 years respectively. No left-right side differences were observed ($P>0.05$). The results indicate that the mesio-distal crown diameters were consistently larger in the Nigerian sample. With the exception of mandibular central incisors and maxillary canines there were no statistically significant differences in bucco-lingual crown diameters in the two populations.

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Last modification: 6 November 1997.

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