



CONCLUSION:

In the present study, sex determination using craniofacial morphometry parameters was established for the South Indian population. Our findings could be of clinical importance, interest to forensic anthropologists and value in genetic studies. The craniofacial parameters derived for sexual dimorphism serves as a framework for future studies comparing the craniofacial anatomy of indigenous racial groups.

REFERENCES

- 1). Collet D. Modeling binary data. London: Chapman and Hall, 1991.
- 2) McCullagh P, Nelder JA. Generalized linear models. 2nd edn, London: Chapman Hall, 1991.
- 3) Pagano M, Gauvreau K. Princípios de Bioestatística. São Paulo: Thonson, Traduction: 2nd ed, 2004:506.
- 4) Faerman M, et al. DNA Analysis reveals the sex of infanticide victims. Nature 1997;385:212.
- 5) Harvey W. Effects of sex, race, heredity and disease on oral tissues. Dental Identification & Forensic Odontology. London, Henry Kimpton Publishers 1976:36-43.
- 6) Hochmeister MN, et al. Confirmation of the identity of human skeletal remains using multiplex PCR amplification and typing kits. J Forensic Sci 1995; 40:701-5.
- 7) Jarreta MBM. La prueba del ADN en Medicina Forense, 1st ed. Barcelona: Masson, 1999:342.
- 8) Sivagami AV, et al. A simple and cost-effective method for preparing DNA from the hard tooth tissue, and its use in polymerase chain reaction amplification of amelogenin gene segment for sex determination in an Indian population. Forensic Sci Int 2000;110:107-15.
- 9) Stone AC, et al. Sex determination of ancient human skeletons using DNA. Am J Phys Anthropol 1996; 99:231-8.
- 10) Valdés CG. Antropología Forense. Madrid: Taller Escuela Artes Gráficas, 1991:569-615.
- 11) Kahanoha L. em 1966 in Valdés CG. Antropología Forense, 1st ed. Madrid, Taller-Escuela Artes Gráficas, 1991:568-600.
- 12) Holland TD. Sex determination of fragmentary crania by analysis of the cranial base. Am J Phys Anthropol 1986;70:203-8.