Dental age estimation employing CBCT scans enhanced with Mimics software: Comparison of two different approaches using pulp/tooth volumetric analysis

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Highlights

- Comparison of two digital methods of pulp/tooth volumetric analyses for forensic dental age estimation.
- Strong correlation was found between pulp/tooth volume ratio and chronological age.
- Method 2 gave higher coefficient of determination value (R2 = 0.78) as compared to Method 1 (R2 = 0.64).
- This method of dental age estimation is gender independent.

Abstract

The methods of dental age estimation and