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An Evaluation of the Accuracy and Reproductibility of Cephalometric Measurements Using Two Different Versions of Romexis Software

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The present study was designed to determine the reliability and reproductibility of angular and linear cephalometric measurements obtained with two different versions of Romexis Planmeca imaging software. 48 pre-treatment orthodontic X-rays were selected for the present study. All the radiographs were measured by two observers, and traced under Steiner and Tweed analyses. The digital tracing was performed using Romexis imaging software version 3.2.0 and the updated year 2014 – compatible version 3.6.0 R. When compare the results found for Romexis 3.2.0 and the other one found for Romexis 3.6.0 R, our reserche sustain, based on the statistical results, that Romexis version 3.2.0 is more accurate and reproductible.