

# Comparative evaluation among facial attractiveness and subjective analysis of Facial Pattern

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## Abstract

**Aim:** To study two subjective facial analysis commonly used on orthodontic diagnosis and to verify the association between the evaluation of facial attractiveness and Facial Pattern definition.

**Methods:** Two hundred and eight standardized face photographs (104 in lateral view and 104 in frontal view) of 104 randomly chosen individuals were used in the present study. They were classified as “pleasant”, “acceptable” and “not pleasant” by two distinct groups: “Lay people” and “Orthodontists”. The individuals were either classified according to their Facial Pattern using lateral view images. **Results and Conclusion:** After statistical analysis, it was noted a strong positive concordance between facial attractiveness in lateral view and Facial Pattern, however, frontal view attractiveness classification did not have good concordance with Facial Pattern, tending to have good attractiveness classification even in Facial Pattern II.

**Keywords:** Orthodontics. Diagnosis. Facial analysis. Photograph.





