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Title: Validity of the third molar maturity index I_{3M} for indicating the adult age in the Polish population

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Validity of the third molar maturity index (I_{3M}) for indicating the adult age in the Polish population

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Highlights

- A third molar maturity index(I_{3M}) tested for indicating the legal adult age in Poland
- $I_{3M} < 0.08$ showed the best accurate selection of adults from minors
- Logistic regression showed that sex does not contribute to the model while I_{3M} does
- Receiver operating curve analysis showed that $I_{3M} < 0.07$ select with better specificity
- I_{3M} may be a useful method for indicating legal adult age in Poland

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