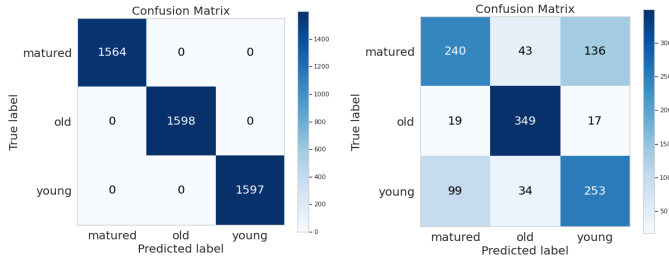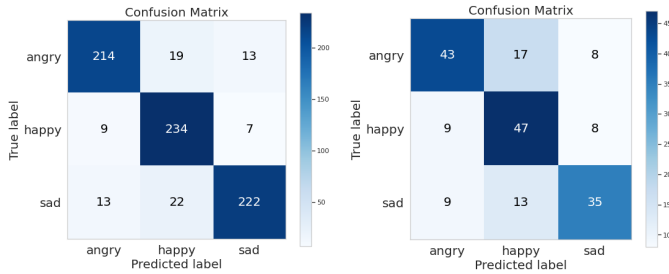(a) Confusion Matrix for Gender Training Set

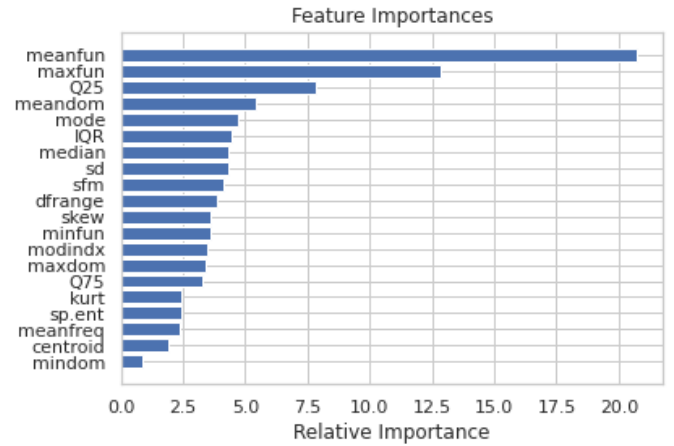(b) Confusion Matrix for Gender Test Set

(c) Confusion Matrix for Age Training Set
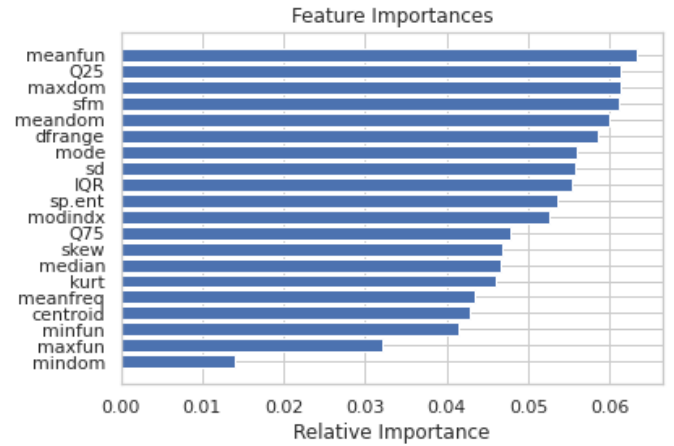
(d) Confusion Matrix for Age Test Set

(e) Confusion Matrix for Emotion Training Set
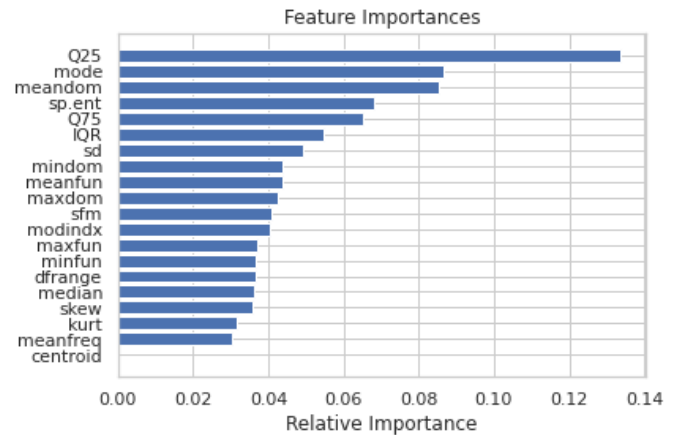
(f) Confusion Matrix for Emotion Test Set

Fig. 1: Confusion Matrices for gender, age and emotion detection

(a) Relative feature importance of CatBoost model for gender detection

(b) Relative feature importance of random forest model for age detection

(c) Relative feature importance of XGBoost model for emotion detection

Fig. 2: Feature importance for gender age and emotion