





audio file is used for audio feature extraction. The process ends with a COVAREP file that includes all audio features. OpenFace library is used for facial features extraction directly from the patient video file. And, library gives 5 files for different features (action units on face, facial landmarks in 2D and 3D, head pose and eye gaze). An the NLTK and Stanza libraries are used for text feature extraction. All feature files are fed into state of the art machine learning algorithms (SVM, RF, LSTM with Gating and LSTM without Gating) for depression classification.