

Document Validation Report

for OCEANAI



Correspondence: Yes

Percentages: 95.0%

Conclusion:

The codebase closely implements the methods, algorithms, system architecture, and experimental workflow described in the Russian-language 'experiments' section. All main components are present: audio, video, text processing modules; feature extraction based on OpenSMILE and log-mel spectrograms; neural network architectures (LSTM, FC layers, VGG, ResNet, BERT, fusion models) for predicting Big Five personality traits; utilities for loading pretrained weights; multimodal fusion; batch prediction and evaluation. Dataset paths, file handling, and parameters (window/step sizes, sample rates, etc.) match the documentation, and practical usage scripts mirror the procedures described (e.g., downloading FI V2 videos, running prediction pipelines). Evaluation routines and example code for accuracy computation are provided. Minor deduction: there may be some missing low-level implementation details regarding complete end-to-end reproducibility (e.g., possibly no provided training code or raw dataset pre-processing in the code snippets reviewed), but the code is otherwise sufficient to reproduce results, outputs, and behaviors as described. Overall, the alignment is excellent.