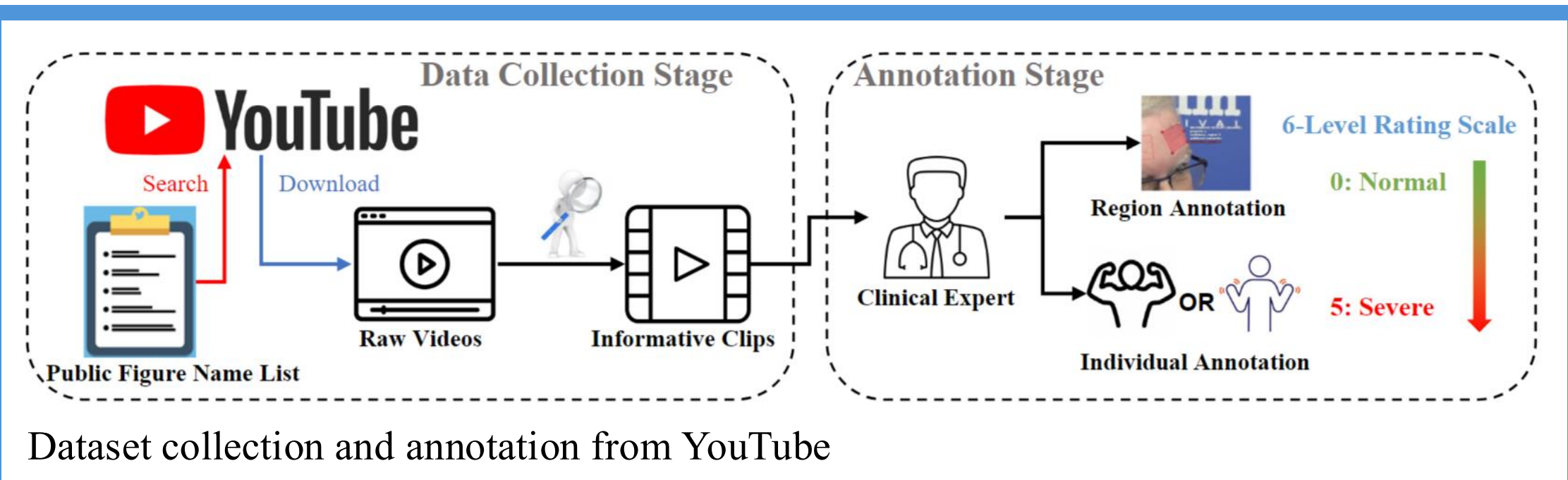


# YouTubePD-LLM: LLM Guided Parkinson's Disease Progression and Augmentation with a Multi-modal Benchmark

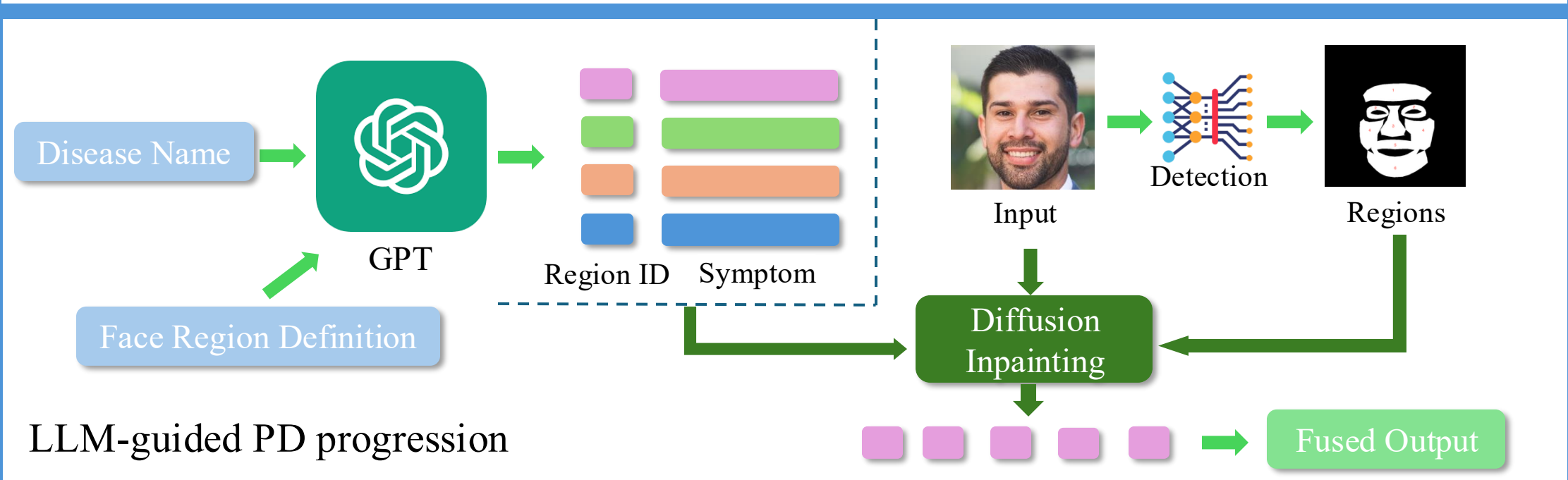
Eric Chen

Jiahua Dong

Yu-Xiong Wang



Dataset collection and annotation from YouTube

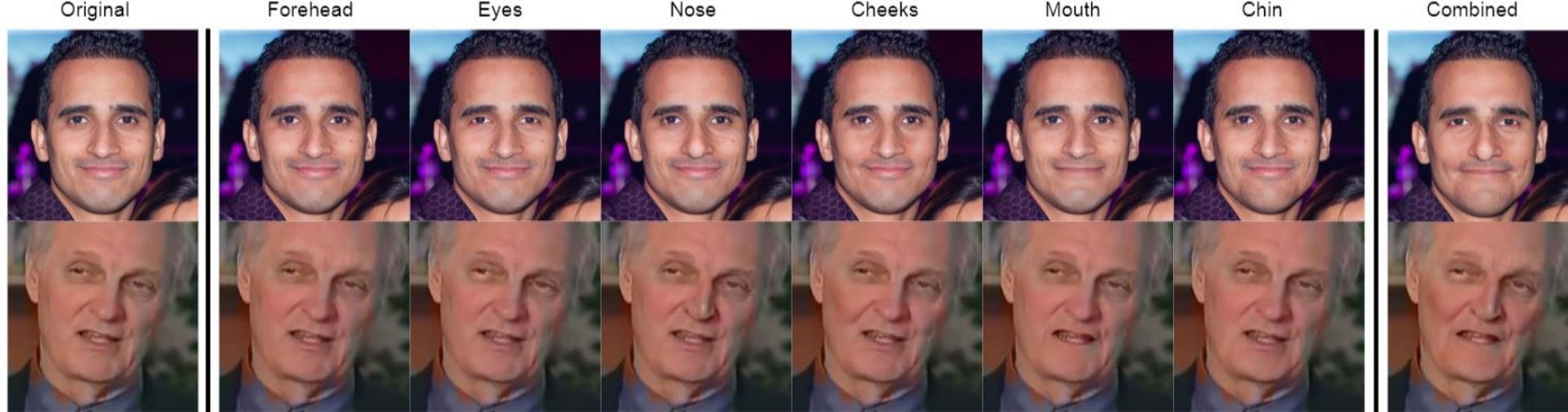


LLM-guided PD progression

## Baseline comparison



## Our LLM-guided PD progression

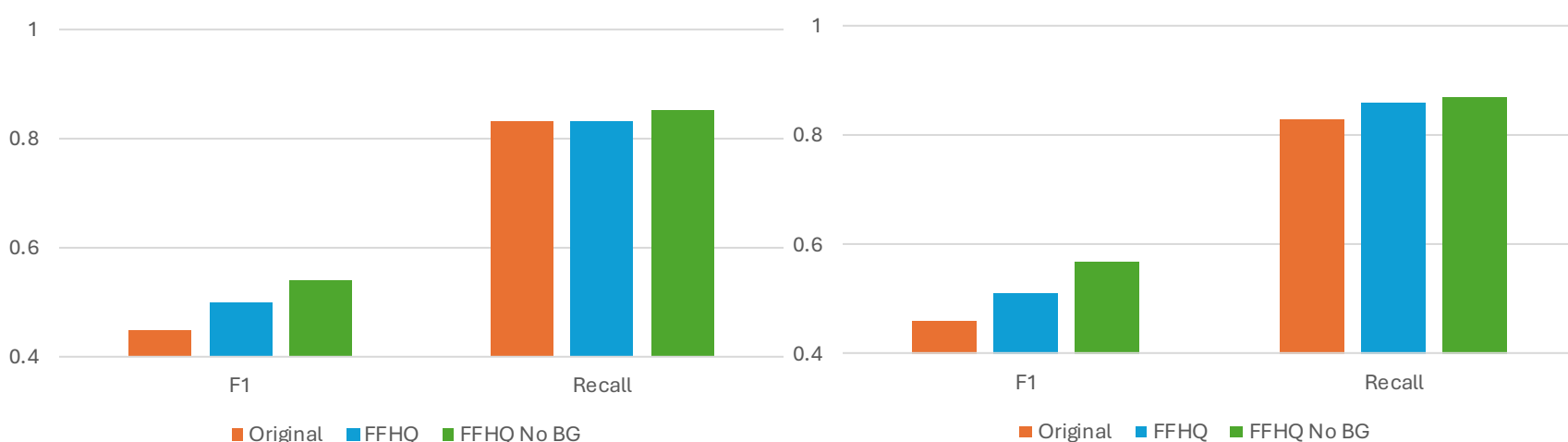


## Other Diseases



Image Level

Video Level



Our generated data can be used to improve the PD classification task

By incorporating LLM, we perform photo-realistic PD progression without annotated data!

