

Research Update

Kelvin Li & Lamont Zeng

By the day of JUN-03-2018, we finished most of the work on program design, and already figured out the method of using additional compute resource. Demo performance operate on small samples should be able to start within a week. Program designed for the project (finished so far) has been viewed and optimized by instructor (Prof. Meghan Allen).

Specific timeline with current procession has been given below:

Stage 1: Setup and fully test the program (design has been given above) which will be employed in this study (1st May to 19th May). **(PARTIAL FINISHED)**

Stage 2: Test the runtime and estimate the required compute resource and ask UBC CS department for additional compute resource support (19th May to 21st May). **(DONE)**

Stage 3: Run program (22nd May to 12nd June). **(SCHEDULE CHANGED)**

NOTE: This process would be split in to several piece of time, a sample size of around 200 repo will be analysis each time.

Stage 4: Analyze the data (13rd June to 23rd June). **(TO BE DONE)**

Stage 5: Prepare for presentation (23rd June to 30th June). **(TO BE DONE)**