**Novelty Statement**

We would like to clarify that the paper, titled "Coverage Prediction for Accelerating Compiler Testing", satisfies the novelty criteria of journal-first submissions: This paper reports completely new research results. It has no previously published work.

In this paper, we propose a novel prioritization approach to accelerating compiler testing through predicted test coverage. The major contributions of this paper are three-folds: (1) the first method to predict coverage statically for compilers without executing test programs, (2) a novel approach COP to accelerating compiler testing based on the predicted coverage information, and (3) an extensive empirical study confirming the effectiveness of COP.