Time-Space Efficient Regression Testing for Configurable Systems

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Highlights

- A lightweight technique to alleviate cost of testing for configurable systems;
- The implementation is publicly available at https://sites.google.com/site/evosplat/;
- An empirical evaluation, including relatively-small and large subject programs;
- Results show that, EvoSPLat reduces time by 35% on average, compared to SPLat;
- Compared to sampling techniques, EvoSPLat retained the ability to detect faults.