# Response to comments of Dave

***Dave[1]: faults or failures?***

Response: In my opinion, ‘faults’ will be better. The reason is that faults in software are discovered due to erroneous behaviour and faults are triggered could lead to system failures. In the fourth paragraph of Section 1, we want to express that if the execution result of an input does not match the expected result, then the execution results of the other inputs in same partition do not match corresponding expected results.

***Dave[2]: Please confirm that I have the correct meaning in the following paragraph.***

Response: Yes, you have a very precise understanding.

***Dave[3]: outperform in what sense? Failure/fault finding?***

Response: It should be fault finding.

***Dave[4]: I presume it is not lower than RT.***

Response: In terms of selection overhead, From Figures 7 to 9, we can observe that in most of scenarios DRT had the better performance than RT and RPT. However, we cannot guarantee that DRT certainly have a better performance. DRT require additional computation compared to RT and such additional computation is compensated by having fewer program executions. When the test case execution time saved by DRT is not sufficient to cover the additional computation, RT will have a better performance.

***Dave[6]: Do you want to say anything about what happened between assistant professor at Jiaotong and full professor at USTB?***

Response:

***Dave[7,9]: Should we say “Beijing University of Aeronautics and Astronautics, Beijing, China.” instead of “Beihang”.***

Response: I used to have the same opinion as you. However, Beijing university of Aeronautics and Astronautics changed its english name to Beihang university in 2002.

Thank you for your comments, I look forward to your next pdf.