Fault-Localization-Performance\_related\_to\_type.docx

For kmarket-blue-policy.xml:

Using RuleLevel Tests:

PTT

Fault Not detected

PTF

Bug Position = 0 (Policy Target)

CRC

Bug Position = 1 (Rule Combining Algorithm)

CRE

Test = RuleLevel mutant on Rule 1 Failed, Others Good.

RER

Rule N-1 is rated highest. Result shows 0s on the horizontal fomula comparison spread sheet (need to be fixed)

ANR

Not All Faults detected.

RTT

Faults Not Fully Detected.

RTF

Generally speaking, mutant on Rule 1 Failed, Others Good.

(Exception: Naish2 and Euclid)

RCT

A half of the formulas have very good outcome.

RCF

A half of the formulas have very good outcome.

FPR

Fault Not Detected.

FDR

No such mutants.

CCF

Faults Not Fully Detected. For those detected, inconsistently poor performance observed.

RPTE

Faults Not Fully Detected.

For pluto3.xml:

Using DecisionCoverage Tests:

PTT

Fault Not detected

PTF

Bug Position = 0 (Policy Target)

CRC

Bug Position = 1 (Rule Combining Algorithm)

CRE

Test = RuleLevel mutant on Rule 1 Failed, Others Good.

RER

Rule N-1 is rated highest. Result shows 0s on the horizontal fomula comparison spread sheet (need to be fixed)

ANR

Not All Faults detected.

RTT

Faults Not Fully Detected.

RTF

Generally speaking, mutant on Rule 1 Failed, Others Good.

(Exception: Naish2 and Euclid)

RCT

A half of the formulas have very good outcome.

RCF

A half of the formulas have very good outcome.

FPR

Fault Not Detected.

FDR

No such mutants.

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Faults Not Fully Detected. For those detected, inconsistently poor performance observed.

RPTE

Faults Not Fully Detected.