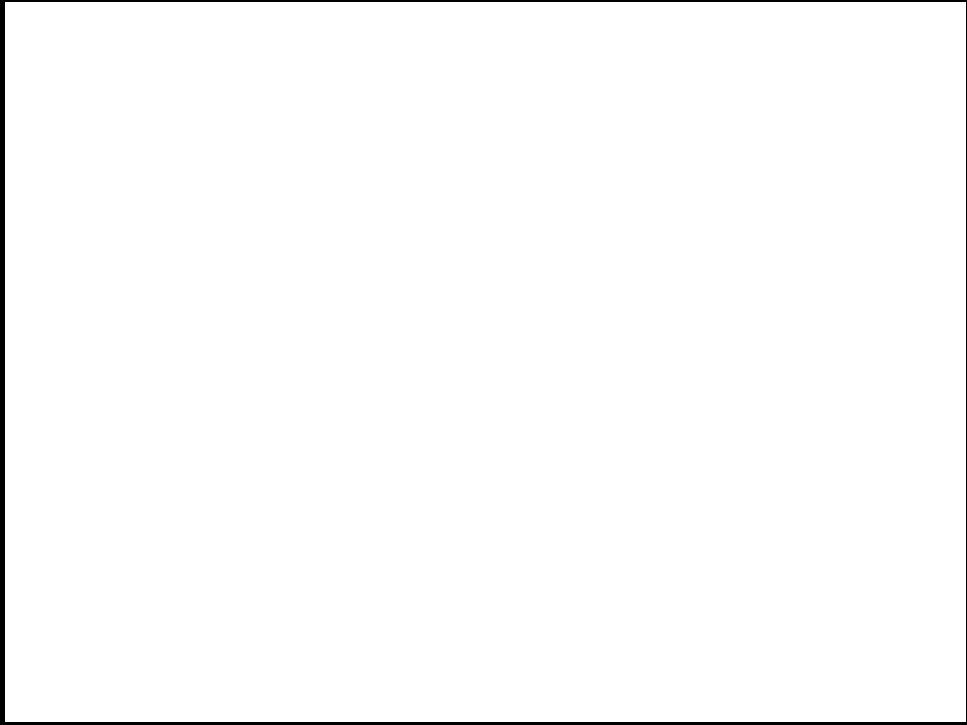


Fault Space

- Why?
 - If too easy then all tests would detect them, irrespective of the coverage
 - If too difficult, then none would detect - no difference in techniques
- Objective measure of “reasonable” fault
 - Too difficult if less than LB test cases detect it
 - Too easy if more than UB test cases detect
- 10 people seeded faults
 - LB = 3; UB = 350
 -



Size Graph

Better Analysis

- For DU coverage

- Largest test set generated = d
- Maximum value of $FS_{DU}(s)$ for $s = 1...d$ = Max

DU coverage vs. Random

DU Coverage vs. Edge Coverage

