NSGA2 Design Space (1000 testcases, 730 of which are critical) **17.5 15.0 12.5** Not critical regions vertex\_control **10.0 Critical regions Critical testcases** Not critical testcase **7.5 Optimal testcases** Not optimal testcas **5.0** 2.5 0.0 **-7.5** -5.0**-2.5** 0.0 7.5 **5.0** 2.5  $mut\_extent\_1$