NSGA2 Design Space (1000 testcases, 675 of which are critical) 17.5 15.0 12.5 Not critical regions vertex\_control 10.0 Critical regions Critical testcases Not critical testcases 7.5 Optimal testcases Not optimal testcases 5.0 2.5 0.0 -7.5-5.0-2.50.0 2.5 5.0 7.5  $mut\_extent\_2$