NSGA2 Design Space (1000 testcases, 294 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

2.5

5.0

7.5

-2.5

0.0

 $mut\_extent\_2$ 

-5.0

-7.5