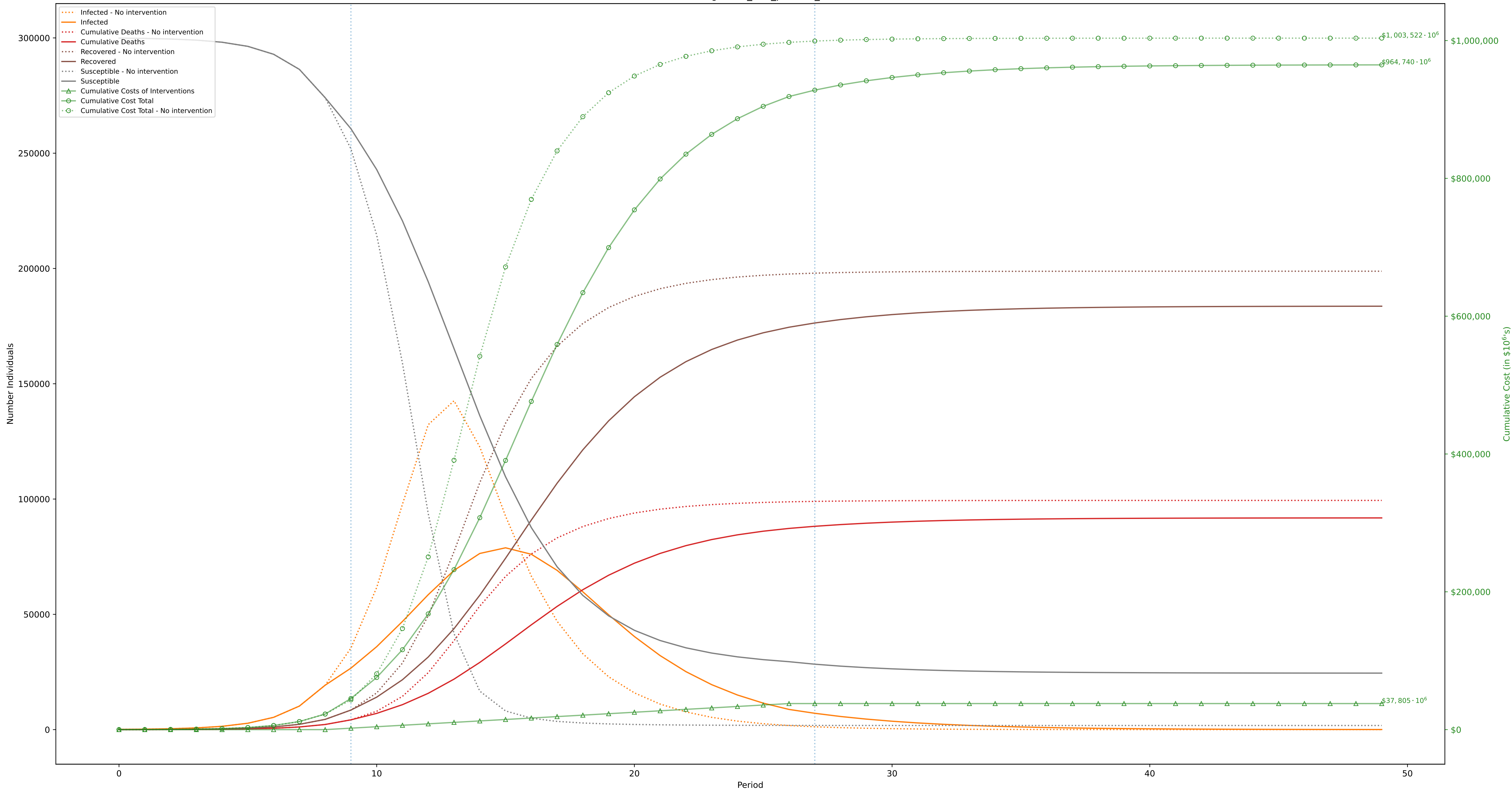


Objective: \$964,740,700,854; without intervention: \$1,003,522,573,467 (Desired optimality gap: 10%; actual: 10%. Time to solve: 6436s)

$C^I = \$10,000, C^D = \$10,000,000$

One Period=7 days (costs scaled by 1,000,000 during optimization)

Solved using solve\_and\_process\_index



	0 -8	9 -26	27 -49
0. Movement A: \$[500 ,1000 ]·10 <sup>2</sup> C: \$[10 ,14 ]·10 <sup>2</sup> P: [ .93 ,.9 ]		2	
1. Education (University level) A: \$[0 ,0 ]·10 <sup>2</sup> C: \$[10 ,14 ]·10 <sup>2</sup> P: [ .99 ,.93 ]		2	
2. Social Gatherings (in a house) A: \$[0 ,0 ,0 ,0 ]·10 <sup>2</sup> C: \$[8 ,10 ,12 ,14 ]·10 <sup>2</sup> P: [ .99 ,.97 ,.95 ,.9 ]		4	
3. Non-Food Service (bank,retail, etc) A: \$[250 ,500 ,1000 ]·10 <sup>2</sup> C: \$[8 ,10 ,14 ]·10 <sup>2</sup> P: [ .99 ,.93 ,.9 ]		3	
4. Restaurants A: \$[500 ,1000 ]·10 <sup>2</sup> C: \$[10 ,14 ]·10 <sup>2</sup> P: [ .93 ,.9 ]		2	
Cost Per Period: TOTAL Cost Per Period: POLICY Cost Per Period: DISEASE Probability Factor	\$2.5e+09 \$0.0 \$2.5e+09 1.000	\$5e+10 \$2.1e+09 \$4.8e+10 0.607	\$2e+09 \$0.0 \$2e+09 1.000