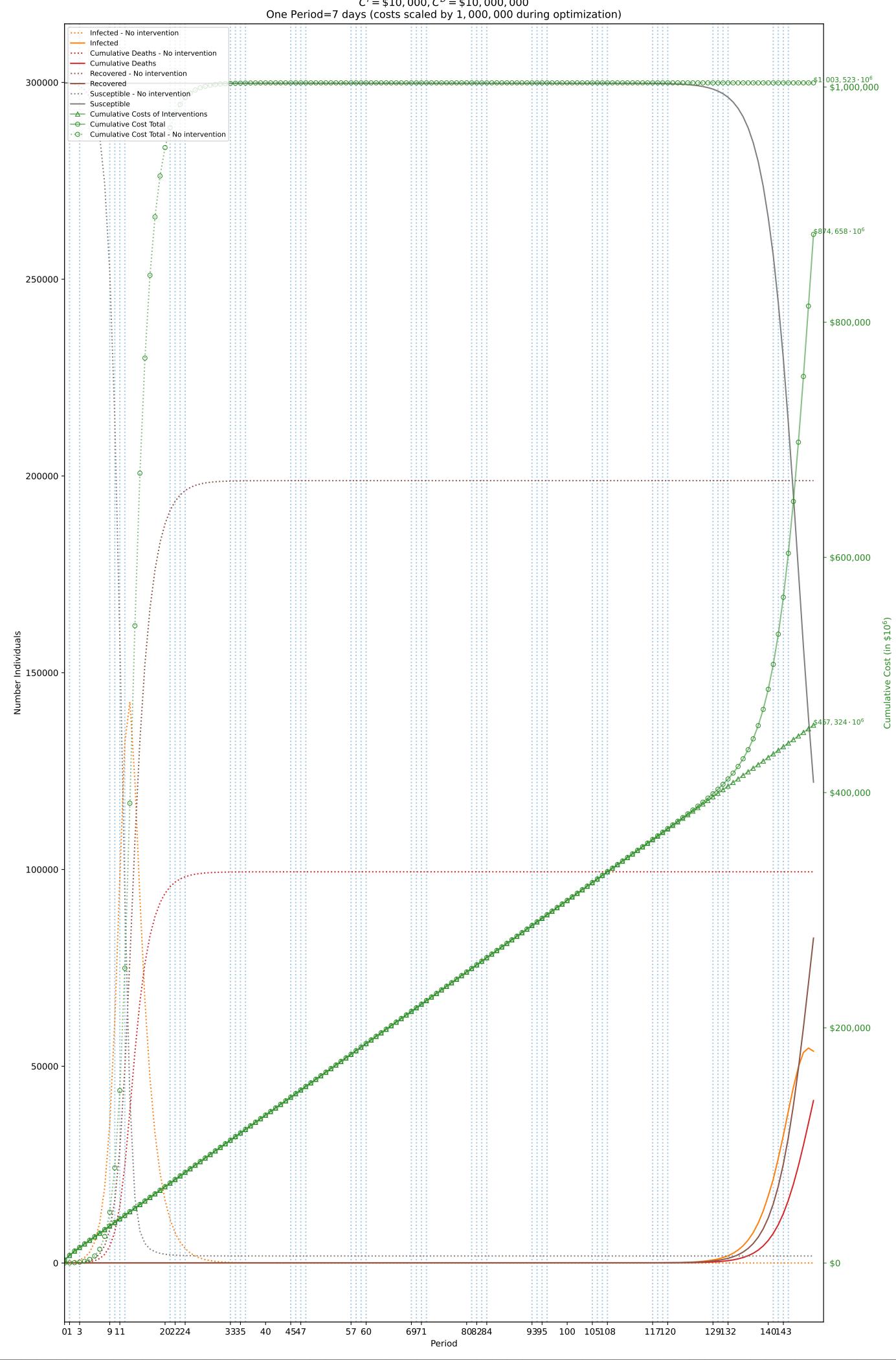
Objective: \$874, 658, 405, 344; without intervention: \$1,003,523,874,292 (Desired optimality gap: 5%; actual: 100%. Time to solve: 0s) $C^{I} = \$10,000, C^{D} = \$10,000,000$ One Period=7 days (costs scaled by 1,000,000 during optimization)



	1 3 -2 -8	9 1	.0 11 10-11	12 -20	21 Z -21-	22 23 22 23	24 -32	33 34 -33-34	35 36 -35 -44	45 4 - 45	46 47 · 46- 47	48 -56	57 5 - 57- !	8 59 58- 59	60 - 68	69 - 69	70 71 - 76- 71	72 -80	81 82 83 -8 1 82 83	84 -92	93 94 - 93- 94	95 96 ·95 -104	105	10 1 0	7 108 0 -116	117 -11	118119 11-11	120 129 -128 -12-1	30131 1 1313 -1	.32 14 140 -14	11421 414	 43
0. Movement A: \$[500 ,1000]·10 ² C: \$[10 ,14]·10 ² P: [.93 ,.9]	2																															
1. Education (University level) A: \$[0 ,0]·10 ² C: \$[10 ,14]·10 ² P: [.99 ,.93]	2	2			2			2		2			2			2			2		2		2			2		2		2		
2. Social Gatherings (in a house) A: \$[0 ,0 ,0 ,0]·10 ² C: \$[8 ,10 ,12 ,14]·10 ² P: [.99 ,.97 ,.95 ,.9]	4																															
3. Non-Food Service (bank, retail, etc) A: \$[250 ,500 ,1000]·10 ² C: \$[8 ,10 ,14]·10 ² P: [.99 ,.93 ,.9]	3																															
4. Restaurants A: \$[500 ,1000]·10 ² C: \$[10 ,14]·10 ² P: [.93 ,.9]	2		2			2			2		2			2			2		2			2		2			2		2			2
5. Masking A: \$[0 ,0 ,0]·10 ² C: \$[8 ,10 ,14]·10 ² P: [.99 ,.93 ,.9]	3																															
6. Mega Events A: \$[250 ,500 ,1000]·10 ² C: \$[8 ,10 ,14]·10 ² P: [.99 ,.93 ,.9]	3																															
7. Border Control A: \$[500 ,1000]·10 ² C: \$[10 ,14]·10 ² P: [.93 ,.9]	2																															
8. Physical Distancing A: \$[0]·10 ² C: \$[10]·10 ² P: [.9]	1 1	1 1	L 1	1	1	1 1	1	1 1	1 1	1	1 1	1	1 1	1	1	1	1 1	1	1 1 1	1	1 1	1 1	1	1 1	1	1	1 1	1 1	1 1 1	1	1	1 1
Cost Per Period: TOTAL Cost Per Period: POLICY Cost Per Period: DISEASE Probability Factor	\$3.8 \$3e+0 \$3.7 \$3e+0 \$1.2 \$0.0 0.39 0.526	9 \$3.1\$; 9 \$3.1\$; \$0.6\$; 0.500	3e+\$3.1 3e+\$3.1 0.6\$0.6 .520.51	\$3e+09 \$3e+09 \$0.0 0.526	\$3.1 \$3.1 \$0.6 0.56	\$3e+\$3.1 \$3e+\$3.1 \$0.6\$0.6	\$3e+09 \$3e+09 \$0.0 0.526	\$3.1\$3e+ \$3.1\$3e+ \$0.6\$0.6 0.500.52	\$3.1 \$3e+09 \$3.1 \$3e+09 \$0.0 \$0.0 0.51 0.526	\$3.1 \$3.1 \$0.6 0.50	\$3e+ \$3.1 \$3e+ \$3.1 \$0.6 \$0.6 0.52 0.51	\$3e+09 \$3e+09 \$0.0 0.526	\$3.1\$: \$3.1\$: \$0.6\$: 0.560	3e+\$3.1 3e+\$3.1 9.€\$0.€ 520.51	\$3e+09 \$3e+09 \$0.013 0.526	\$3.1 \$3.1 \$0.1	\$3e+ \$3.1 \$3e+ \$3.1 \$0.2 \$0.2 0.52 0.51	\$3e+09 \$3e+09 \$9.5e+01 0.526	\$3.1\$3e+\$3.1 \$3.1\$3e+\$3.1 \$4.2\$5.6\$7.5 0.500.520.51	\$3e+09 \$3e+09 \$4.4e+03 0.526	\$3.1\$3e+ \$3.1\$3e+ \$1.5\$1.9 0.500.52	\$3.1 \$3e+09 \$3.1 \$3e+09 \$2.6 \$1.5e+05 0.51 0.526	\$3.1 \$3.1 \$5.1 0.50	\$3e \$3. \$3e \$3. \$6. 8 \$9. 0. 52 0.5	1 \$3e+09 1 \$3e+09 1 \$5.3e+06 1 0.526	\$3.1 \$3.3 \$1.8 0.5(\$3.1\$3.1 \$3e4\$3.1 \$2.4\$3.2 0.520.51	\$3.2e+09 \$3.7\$ \$3e+09 \$3.1\$ \$1.8e+08 \$6.2\$ 0.526 0.50	3.8\$4.2 \$9e+ 3e+\$3.1 \$3e+ 8.2\$1.1 \$5.9 .520.51 0.52	+09 \$2. +09 \$3. 9e+09 \$1. 26 0.5	.1\$2.6 .1\$3e4 .8\$2.3 560.52	\$3.1 \$5.1e \$3.1 \$3e+0' \$2.8 \$4.8e 0.51 0.526