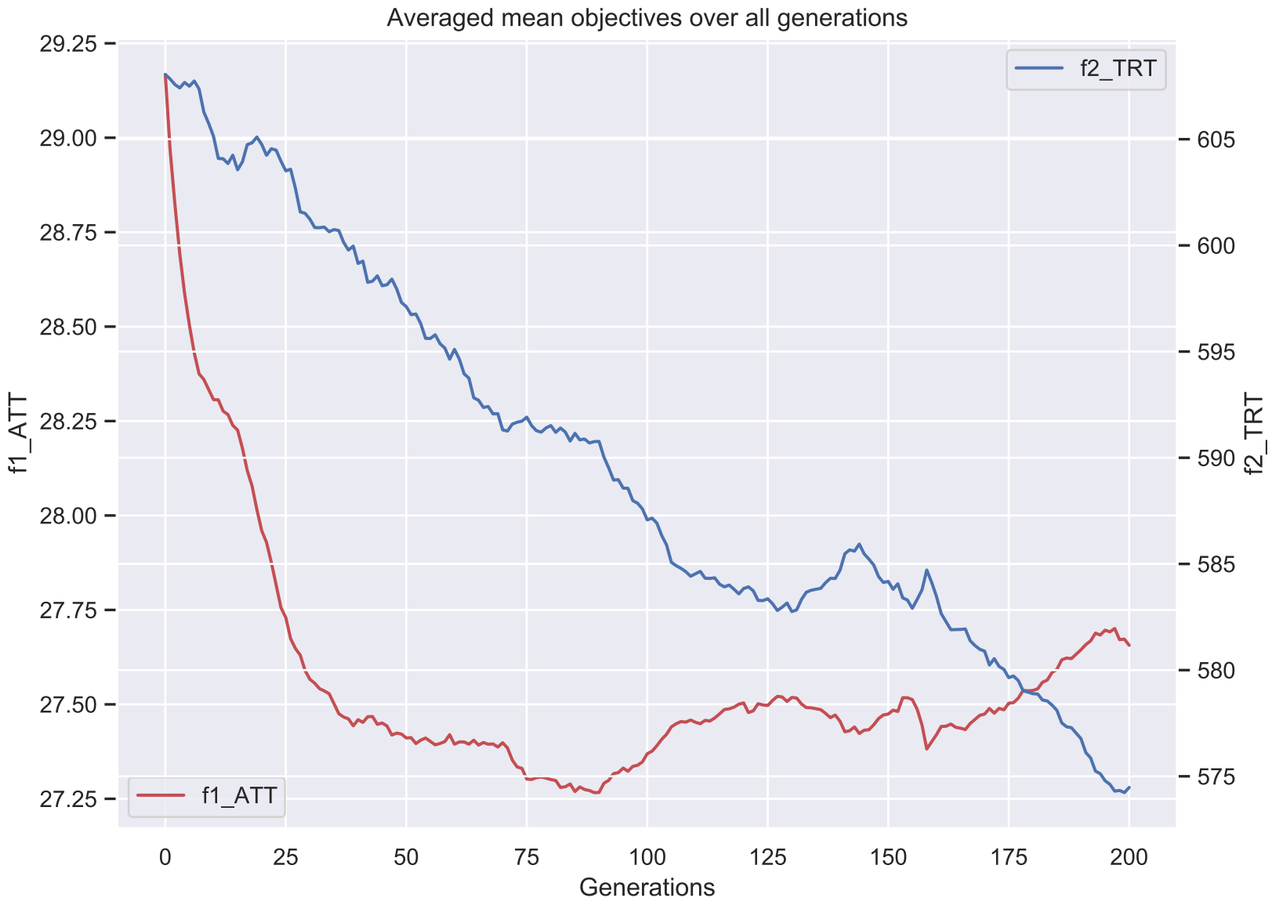
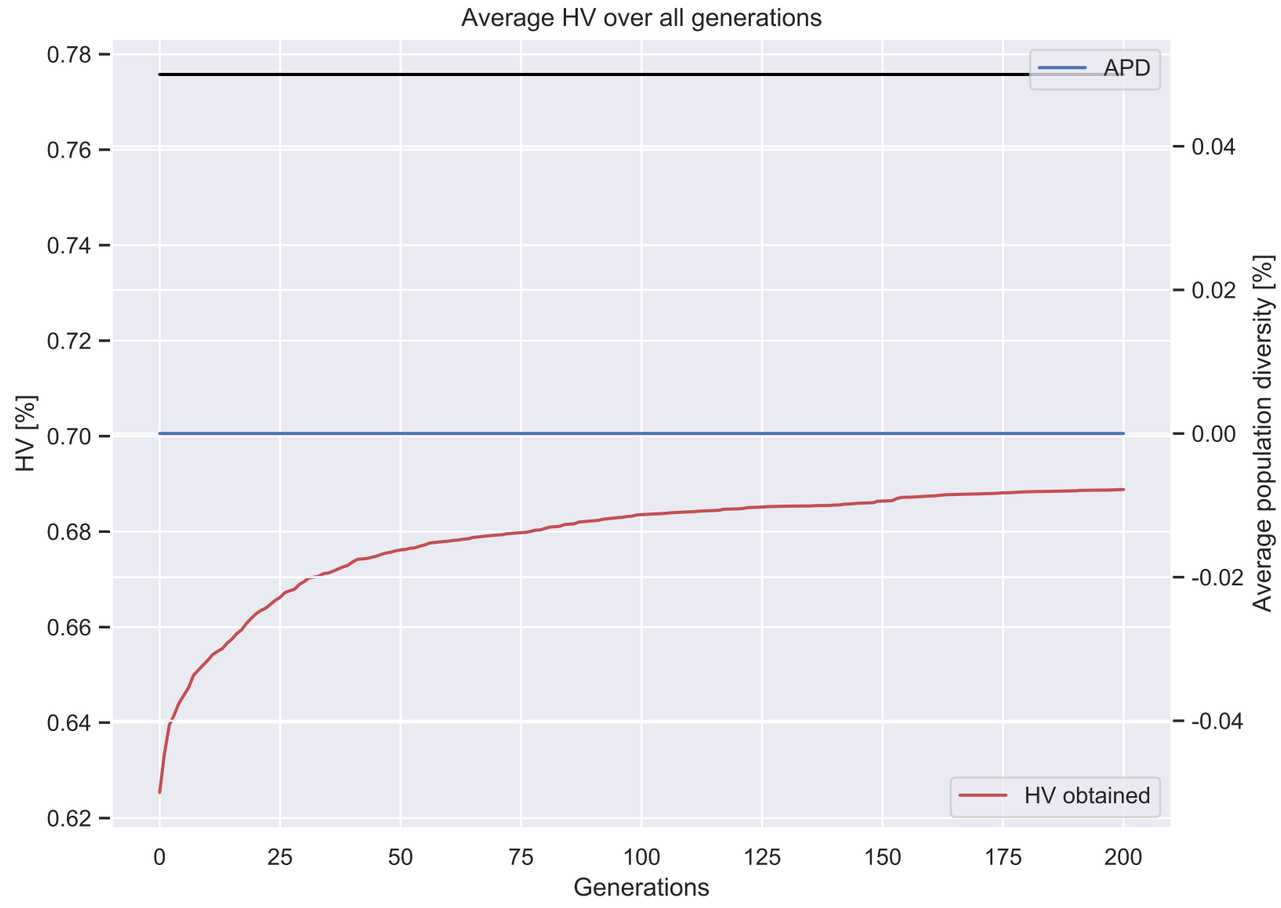
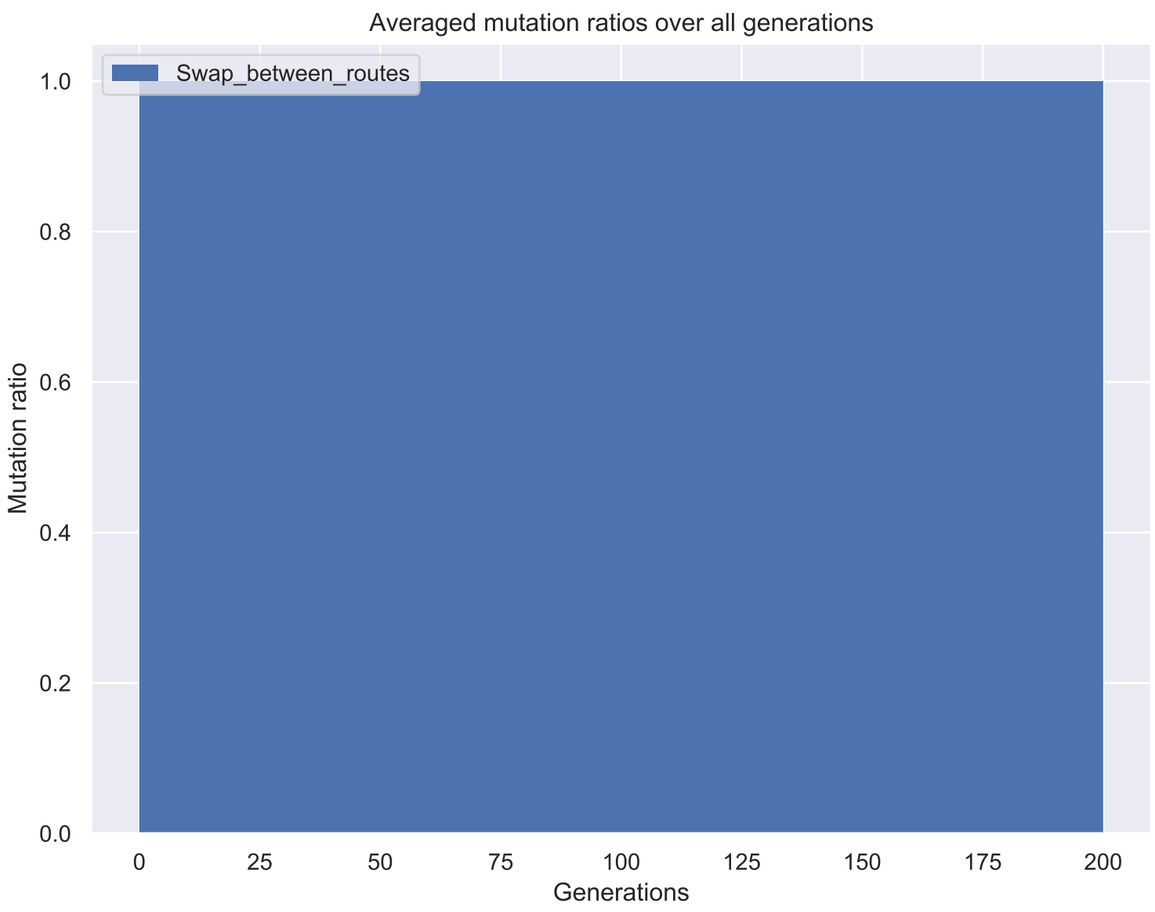
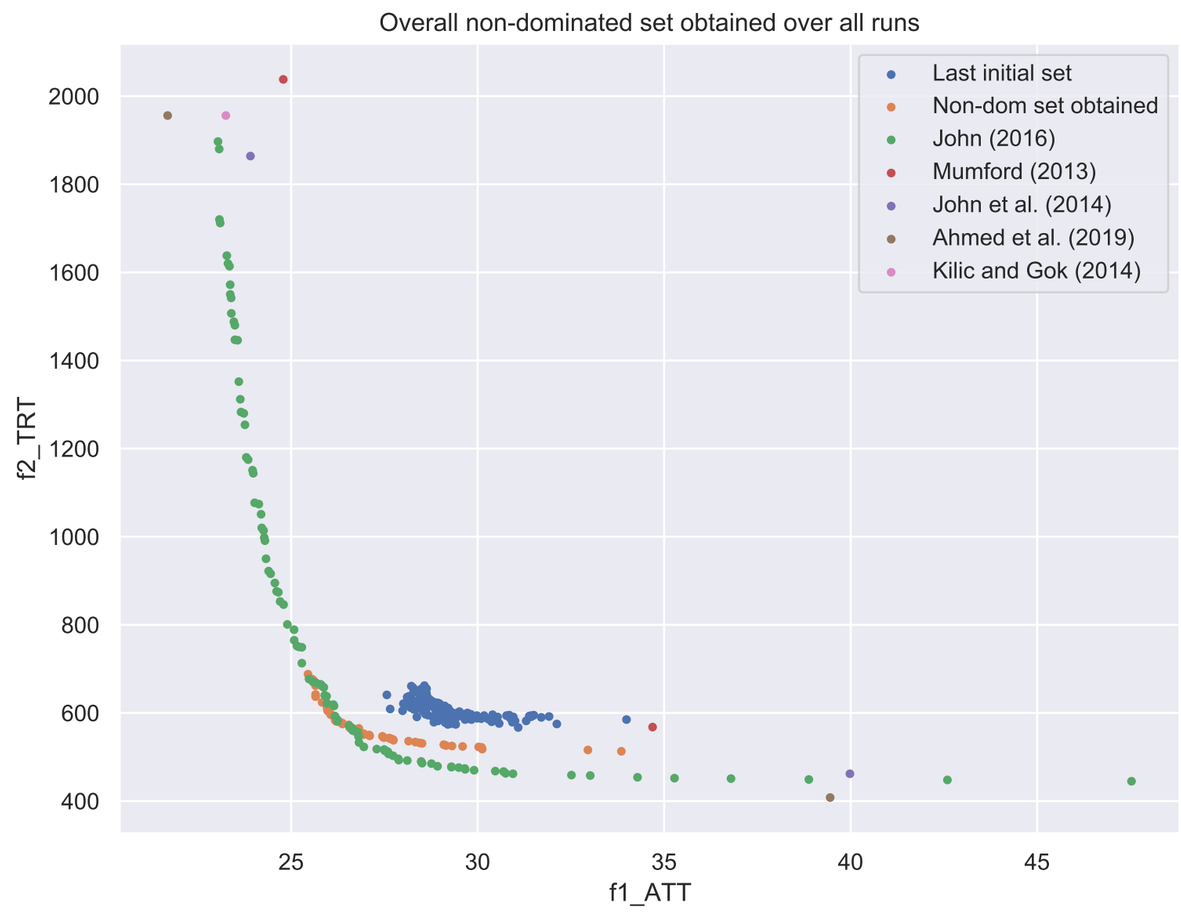

Averaged mean objectives over all generations
f2_TRT
f1_ATT
f1_ATT
f2_TRT
Generations
29.25
29.00
28.75
28.50
28.25
28.00
27.75
27.50
27.25
605
600
595
590
585
580
575
0
25
50
75
100
125
150
175
200


Average HV over all generations
APD
HV obtained
HV [%]
Average population diversity [%]
Generations
0.78
0.76
0.74
0.72
0.70
0.68
0.66
0.64
0.62
0.04
0.02
0.00
-0.02
-0.04
0
25
50
75
100
125
150
175
200


Averaged mutation ratios over all generations
Swap_between_routes
Mutation ratio
Generations
1.0
0.8
0.6
0.4
0.2
0.0
0
25
50
75
100
125
150
175
200


Overall non-dominated set obtained over all runs
Last initial set
Non-dom set obtained
John (2016)
Mumford (2013)
John et al. (2014)
Ahmed et al. (2019)
Kilic and Gok (2014)
f2_TRT
f1_ATT
2000
1800
1600
1400
1200
1000
800
600
400
25
30
35
40
45