

Call 7 Vehicle 3				
	Average objective	Best objective	Improvement (%)	Running time (s)
Random Search	1844003.1	1585322.0	51.76	0.09
Local Search	1968908.2	1476444.0	55.07	0.12
Simulated Annealing	2183203.8	1626049.0	50.52	0.12

Best solution found with Local Search
[3, 3, 0, 7, 1, 7, 1, 0, 5, 5, 6, 6, 0, 2, 2, 4, 4]

Call 18 Vehicle 5				
	Average objective	Best objective	Improvement (%)	Running time (s)
Random Search	7372527.4	6889131.0	21.37	0.15
Local Search	5826663.2	5214264.0	40.49	0.21
Simulated Annealing	6153801.7	5389509.0	38.49	0.21

Best solution found with Local Search
[11, 11, 0, 12, 12, 17, 17, 0, 16, 16, 14, 14, 3, 3, 0, 5, 1, 5, 1, 0, 18, 18, 8, 8, 0, 2, 2, 4, 4, 6, 6, 7, 7, 9, 9, 10, 10, 13, 13, 15, 15]

Call 35 Vehicle 7				
	Average objective	Best objective	Improvement (%)	Running time (s)
Random Search	18322178.0	18322178.0	0.0	0.23
Local Search	13283241.1	12068722.0	34.13	0.31
Simulated Annealing	12764784.5	11800382.0	35.6	0.31

Best solution found with Simulated Annealing
[21, 21, 8, 1, 8, 1, 0, 23, 23, 17, 17, 22, 22, 27, 27, 0, 19, 19, 0, 7, 7, 2, 2, 9, 9, 0, 28, 3, 28, 3, 0, 5, 16, 16, 5, 14, 14, 0, 12, 12, 18, 18, 0, 4, 4, 6, 6, 10, 10, 11, 11, 13, 13, 15, 15, 20, 20, 24, 24, 25, 25, 26, 26, 29, 29, 30, 30, 31, 31, 32, 32, 33, 33, 34, 34, 35, 35]

Call 80 Vehicle 20				
	Average objective	Best objective	Improvement (%)	Running time (s)
Random Search	42211425.0	42211425.0	0.0	0.53
Local Search	28347619.0	25810564.0	38.85	0.8
Simulated Annealing	28859933.0	27128297.0	35.73	0.79

Best solution found with Local Search
[68, 68, 39, 39, 17, 17, 0, 4, 4, 73, 73, 0, 59, 12, 59, 12, 0, 67, 67, 42, 42, 43, 43, 0, 79, 79, 6, 6, 0, 50, 50, 37, 37, 51, 51, 0, 28, 28, 0, 52, 52, 7, 7, 0, 55, 55, 54, 54, 41, 41, 0, 57, 57, 65, 65, 0, 14, 70, 70, 14, 2, 2, 0, 48, 48, 27, 27, 13, 13, 0, 32, 32, 18, 18, 0, 26, 26, 0, 47, 47, 22, 22, 0, 33, 33, 63, 63, 31, 31, 0, 46, 46, 38, 38, 0, 29, 11, 29, 11, 0, 72, 72, 36, 19, 36, 19, 0, 62, 62, 60, 60, 21, 21, 35, 35, 0, 1, 1, 3, 3, 5, 5, 8, 8, 9, 9, 10, 10, 15, 15, 16, 16, 20, 20, 23, 23, 24, 24, 25, 25, 30, 30, 34, 34, 40, 40, 44, 44, 45, 45, 49, 49, 53, 53, 56, 56, 58, 58, 61, 61, 64, 64, 66, 66, 69, 69, 71, 71, 74, 74, 75, 75, 76, 76, 77, 77, 78, 78, 80, 80]

Call 130 Vehicle 40				
	Average objective	Best objective	Improvement (%)	Running time (s)
Random Search	75446687.0	75446687.0	0.0	0.89
Local Search	42958494.1	41135530.0	45.48	1.51
Simulated Annealing	42959052.4	40544537.0	46.26	1.51

Best solution found with Simulated Annealing

[18, 66, 18, 1, 66, 1, 0, 37, 37, 0, 7, 122, 7, 122, 130, 130, 0, 94, 94, 128, 128, 0, 120, 120, 52, 52, 0, 57, 57, 112, 55, 55, 112, 8, 8, 10, 10, 0, 54, 54, 9, 9, 0, 102, 102, 0, 92, 92, 0, 103, 103, 21, 21, 41, 41, 40, 40, 0, 97, 97, 0, 48, 48, 0, 72, 72, 109, 109, 0, 93, 93, 20, 20, 0, 90, 90, 22, 22, 0, 58, 58, 2, 2, 0, 33, 33, 59, 59, 0, 104, 104, 62, 62, 0, 61, 61, 98, 98, 0, 107, 107, 117, 117, 67, 67, 0, 26, 26, 60, 60, 24, 24, 0, 96, 96, 79, 79, 0, 43, 43, 68, 68, 0, 73, 73, 42, 42, 0, 77, 77, 81, 81, 0, 80, 80, 125, 125, 23, 23, 45, 45, 0, 84, 38, 84, 38, 0, 89, 35, 89, 35, 0, 32, 32, 15, 15, 0, 126, 126, 105, 105, 0, 83, 83, 116, 14, 116, 14, 0, 34, 34, 95, 95, 113, 113, 0, 108, 108, 0, 64, 64, 5, 5, 0, 74, 74, 56, 56, 0, 91, 31, 91, 31, 0, 28, 28, 25, 25, 0, 111, 111, 87, 87, 86, 86, 0, 17, 17, 30, 30, 11, 11, 0, 47, 47, 101, 101, 0, 3, 3, 4, 4, 6, 6, 12, 12, 13, 13, 16, 16, 19, 19, 27, 27, 29, 29, 36, 36, 39, 39, 44, 44, 46, 46, 49, 49, 50, 50, 51, 51, 53, 53, 63, 63, 65, 65, 69, 69, 70, 70, 71, 71, 75, 75, 76, 76, 78, 78, 82, 82, 85, 85, 88, 88, 99, 99, 100, 100, 106, 106, 110, 110, 114, 114, 115, 115, 118, 118, 119, 119, 121, 121, 123, 123, 124, 124, 127, 127, 129, 129]