0 0 0 0 11 20 14 20 11 12 11 BasinHopping 28 26 28 19 21 15 25 23 0 0 0 24 18 22 **BestILS**

Algorithm Column beats Row - PnPoly feval <= 100

1

3 0 0 0

3

15 16 14

GreedyILS

1

0 | 0

0 0 0

0

GreedyMLS

0 0

GreedyTabu

1 9

12 11

7

17 17

0 13

RandomSampling SimulatedAnnealing

1

0

1

0

0

0 | 0

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8

0

ParticleSwarm

28 28 27 27 26 27 24 27 27 28 11 0 0 28 **BestMLS** 27 27 27 28 12 0 0 28 28 28 25 26 24 27 BestTabu

0 16 10 11 9 10 9

0 0

14 17 9 13 0 7 8

7

21 27 17

DifferentialEvolution

0

BestTabu

16 0

10 2 0

15

13 2

DualAnnealing

1 9 2

12 16 12 12 11

GLS

GeneticAlgorithm

DifferentialEvolution 1 0 0 0 DualAnnealing 0 0 0 0

0 0 0

0 0 0 7 12 1 8

0 0 0 12

BestILS BestMLS

0 | 0

0

1 0 0 0

0 0 0 0

9

11

1 0 0 0

BasinHopping

GLS

GeneticAlgorithm

GreedyILS

GreedyMLS

GreedyTabu

ParticleSwarm

RandomSampling

SimulatedAnnealing