SOS Algorithm (Dataset 1)

AVERAGES ACHIEVED OVER 365 DAYS

--------------------------------------------------------------------------

A+ A- B+ B- AB+ AB- O+ O-

Avg demand: 41.55 6.49 15.58 2.60 3.90 1.30 50.64 9.09

Avg supply: 211.62 103.20 81.58 39.26 15.47 6.62 145.77 103.97

Avg import: 0.45 0.03 0.07 0.01 0.29 0.01 0.30 0.03

Avg expiry: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Number of solutions: 2

Time: 3366073 ms

Duel algorithm (Dataset 1)

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AVERAGES ACHIEVED OVER 365 DAYS

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A+ A- B+ B- AB+ AB- O+ O-

Avg demand: 39.21 6.13 14.70 2.45 3.68 1.23 47.79 8.58

Avg supply: 691.05 344.50 245.84 123.32 61.26 24.31 397.01 347.75

Avg import: 0.00 0.00 0.07 0.01 0.07 0.01 0.00 0.00

Avg expiry: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Number of Solutions: 0

Genetic Algorithm (Dataset 1)

AVERAGES ACHIEVED OVER 365 DAYS

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A+ A- B+ B- AB+ AB- O+ O-

Avg demand: 38.70 6.05 14.51 2.42 3.63 1.21 47.17 8.47

Avg supply: 458.06 70.80 174.03 28.75 42.04 12.28 560.91 99.86

Avg import: 1.48 0.19 0.58 0.04 0.15 0.03 1.80 0.27

Avg expiry: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Total number of solutions found: 9

Time: 5208632ms

Wolf pack (Dataset 1)

AVERAGES ACHIEVED OVER 365 DAYS

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A+ A- B+ B- AB+ AB- O+ O-

Avg demand: 40.93 6.40 15.35 2.56 3.84 1.28 49.88 8.95

Avg supply: 61.94 28.71 20.88 7.86 1.78 1.61 72.77 15.84

Avg import: 1.39 0.00 1.11 0.09 2.06 0.18 1.10 0.00

Avg expiry: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Number of Solutions: 0

Time: 11805