



```
NEOS Server Version 5.0
Job#       : 6554059
Password   : PJazhmcb
User       : None
Solver     : slp:sd:SMPS
Start      : 2019-02-04 15:47:50
End        : 2019-02-04 15:48:07
Host       : thales.la.asu.edu
```

Disclaimer:

This information is provided without any express or implied warranty. In particular, there is no warranty of any kind concerning the fitness of this information for any particular purpose.

Beginning SD...

Please enter the name of the problem files (eg. `exagslp`): Reading problems from ./sdinput/prob/prob.cor
the filename is : ./sdinput/prob/prob.cor

Specified objective sense: MINIMIZE

Selected objective name: obj

Selected RHS name: RHS

Selected bound name: BOUND

finished loading core file via external Solver.

Vector x_k from the mean problem :: 14.16274896748803513447 3.68248628870965877269 3.06784566777104661384 0.81241701087982365337 1.8848686

Objective from the mean problem : 0.000000

Tried aggregator 1 time.

LP Presolve eliminated 8 rows and 13 columns.

All rows and columns eliminated.

Presolve time = 0.00 sec. (0.00 ticks)

lower_bound is 0.000000

Eta0 is 0.000000

num_rv = 4;

num_cipher = 1;

```
mast_rows:1      mast_cols:3
sub_rows:7       sub_cols:10    rv:4
rv_rows:4        rv_cols:2      rv_R:0    rv_T:4
nz_cols:3        max_cuts:6     min_iter:138
MIN_ITER: 138
```

Notation:

'+' : new incumbent solution found.

'<' : in-sample test fails.

'>' : in-sample test succeeds.

----- Replication No.0 -----

```
Iteration 0 :+++++++
Iteration 100 :+++++++
Iteration 200 :>
```

----- Replication No.1 -----

```
Iteration 0 :+++++++
Iteration 100 :+++++++
Iteration 200 :>
```

----- Replication No.2 -----

```
Iteration 0 :+++++++
Iteration 100 :+++++++
Iteration 200 :>
```

----- Replication No.3 -----

```
Iteration 0 :+++++++
Iteration 100 :+++++++
Iteration 200 :>
```

----- Replication No.4 -----

```
Iteration 0 :+++++++
Iteration 100 :+++++++
Iteration 200 :>
```

----- Replication No.5 -----

```
Iteration 0 :+++++++
Iteration 100 :+++++++
Iteration 200 :>
```

```
----- Replication No.6 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.7 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.8 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.9 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.10 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.11 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.12 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++  
Iteration 200 :>  
  
----- Replication No.13 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.14 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.15 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.16 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.17 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.18 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.19 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++  
Iteration 200 :>  
  
----- Replication No.20 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++  
Iteration 200 :>  
  
----- Replication No.21 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++++  
Iteration 200 :>  
  
----- Replication No.22 -----  
  
Iteration 0 :+++++++  
Iteration 100 :+++++  
Iteration 200 :>  
  
----- Replication No.23 -----
```

```
Iteration 0 :+++++
Iteration 100 :+++++
Iteration 200 :>
```

----- Replication No.24 -----

```
Iteration 0 :+++++
Iteration 100 :+++++
Iteration 200 :>
```

----- Replication No.25 -----

```
Iteration 0 :+++++
Iteration 100 :+++++
Iteration 200 :>
```

----- Replication No.26 -----

```
Iteration 0 :+++++
Iteration 100 :+++++
Iteration 200 :>
```

----- Replication No.27 -----

```
Iteration 0 :+++++
Iteration 100 :+++++
Iteration 200 :>
```

----- Replication No.28 -----

```
Iteration 0 :+++++
Iteration 100 :+++++
Iteration 200 :>
```

----- Replication No.29 -----

```
Iteration 0 :+++++
Iteration 100 :+++++
Iteration 200 :>Warning: Output names have been modified to conform to LP format.
```

Begin evaluation of compromise solution

```
Final Estimate
obs:100 mean:1.442164
0.95 C.I.: [1.442164 , 1.442164]
```

Begin evaluation of average solution

```
Final Estimate
obs:100 mean:1.442026
0.95 C.I.: [1.442026 , 1.442026]
```

Ending SD...

Your comments

(c)

SD

Additional Output: [6554059-PJazhmcb-solver-output.zip](#)

