

**-**2

**-**2

10 -

Count of optimals

-3

**-**2

parameter conbination90

True:1 False:0

Probabilistic crossover normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination94

True:1 False:0

Probabi<mark>listic\_crossover\_normal</mark>

Probab<mark>ilistic\_crossover\_uniform</mark>

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination98

Туре

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

**-**3

parameter conbination89

True:1 False:0

Probabi<mark>li</mark>stic crossover normal

Probabi<mark>list</mark>ic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination93

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination97

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

2 -

10 -

8 -

2 -

<del>-</del>3

<del>-</del>2

Count of optimals

-3

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

**-**3

10 -

optimals

10 -

8 -

-3

**-**2

Count of optimals

**-**2

parameter conbination91

True:1 False:0

Probabilistic crossover normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination95

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination99

Туре

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Туре

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

parameter conbination92

True:1 False:0

Probabi<mark>l</mark>istic\_crossover\_normal

Probabi<mark>listic\_crossover\_uniform</mark>

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination96

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination 100

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

10 -

10 -

of

-3

**-**2

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

-1

parameter conbination1

True:1 False:0

Probab<mark>ilistic\_crossover\_normal</mark>

Probab<mark>ilistic\_crossover\_uniform</mark>

singe point crossover normal

singe\_point\_crossover\_uniform

parameter conbination5

True:1 False:0

Probabi<mark>listic\_crossover\_normal</mark>

Probabi<mark>listic\_crossover\_uniform</mark>

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination9

True:1 False:0

Probab<mark>ili</mark>stic\_crossover\_normal

Probabi<mark>listic\_crossover\_uniform</mark>

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination13

True:1 False:0

Probabilistic\_crossover\_normal
Probabilistic\_crossover\_uniform

singe\_p<mark>oint</mark>\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination17

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Linear\_c<mark>om</mark>bination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Count of optimals

-3

10 -

8 -

**-**3

**-**3

-3

**-**3

10 -

10

Count of optimals

10 -

Count of optimals

**-**2

10 -

Count of optimals

**-**2

of optimals

Type

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination2

True:1 False:0

Probab<mark>ilistic\_crossover\_normal</mark>

Probabi<mark>listic\_crossover\_uniform</mark>

singe point crossover normal

singe\_point\_crossover\_uniform

parameter conbination6

True:1 False:0

Probab<mark>ilist</mark>ic\_crossover\_normal

Probab<mark>ilistic\_crossover\_uniform</mark>

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination10

True:1 False:0

Probabi<mark>listic\_crossover\_normal</mark>

Probab<mark>ilistic\_crossover\_uniform</mark>

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination14

True:1 False:0

Probabil<mark>istic\_crossover\_normal</mark>

Probab<mark>ilistic\_crossover\_uniform</mark>

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination18

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Type

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Туре

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Type

Linear combination\_crossover\_normal
Linear combination crossover uniform

Count of optimals

**-**2

**-**3

10 -

of optimals

6 ·

-3

**-**3

**-**3

<del>-</del>2

**-**2

**-**3

10 ¬

10 -

**Count of optimals** 

of

Count

<del>-</del>2

10 -

Count of

<del>-</del>2

Type

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

True:1 False:0

Probabi<mark>listic\_crossover\_normal</mark>

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

Probabi<mark>listic\_crossover\_uniform</mark>

Type

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

10 -

8 -

-2

-1

parameter conbination3

True:1 False:0

Probabilistic crossover normal

Probabilistic crossover uniform

singe point crossover normal

singe\_point\_crossover\_uniform

parameter conbination7

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination11

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination15

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination19

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

Type

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Type

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Type

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Type

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Type

Linear combination crossover normal

Linear\_combination\_crossover\_uniform

-3

**-**3

**-**3

-3

10 -

Count of c

**-**3

10 -

10 -

Count of optimals

**-**2

10 -

8 -

Count of optimals

<del>-</del>2

10 -

8 -

of optimals

Count of optimals

True:1 False:0

Probabi<mark>l</mark>istic\_crossover\_normal

Probabi<mark>listic\_crossover\_uniform</mark>

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination4

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination8

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination12

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

singe\_point\_crossover\_uniform

parameter conbination16

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

**singe\_point\_crossover\_normal** 

singe\_point\_crossover\_uniform

parameter conbination20

True:1 False:0

Probabilistic\_crossover\_normal

Probabilistic\_crossover\_uniform

singe\_point\_crossover\_normal

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

-1

**-**2

Туре

Linear\_combination\_crossover\_normal

Linear\_combination\_crossover\_uniform

10 -

Count of optimals

10 -

of

10 -

Count of

**-**3

10 -

of optim

of

-3

10 -

**-**2