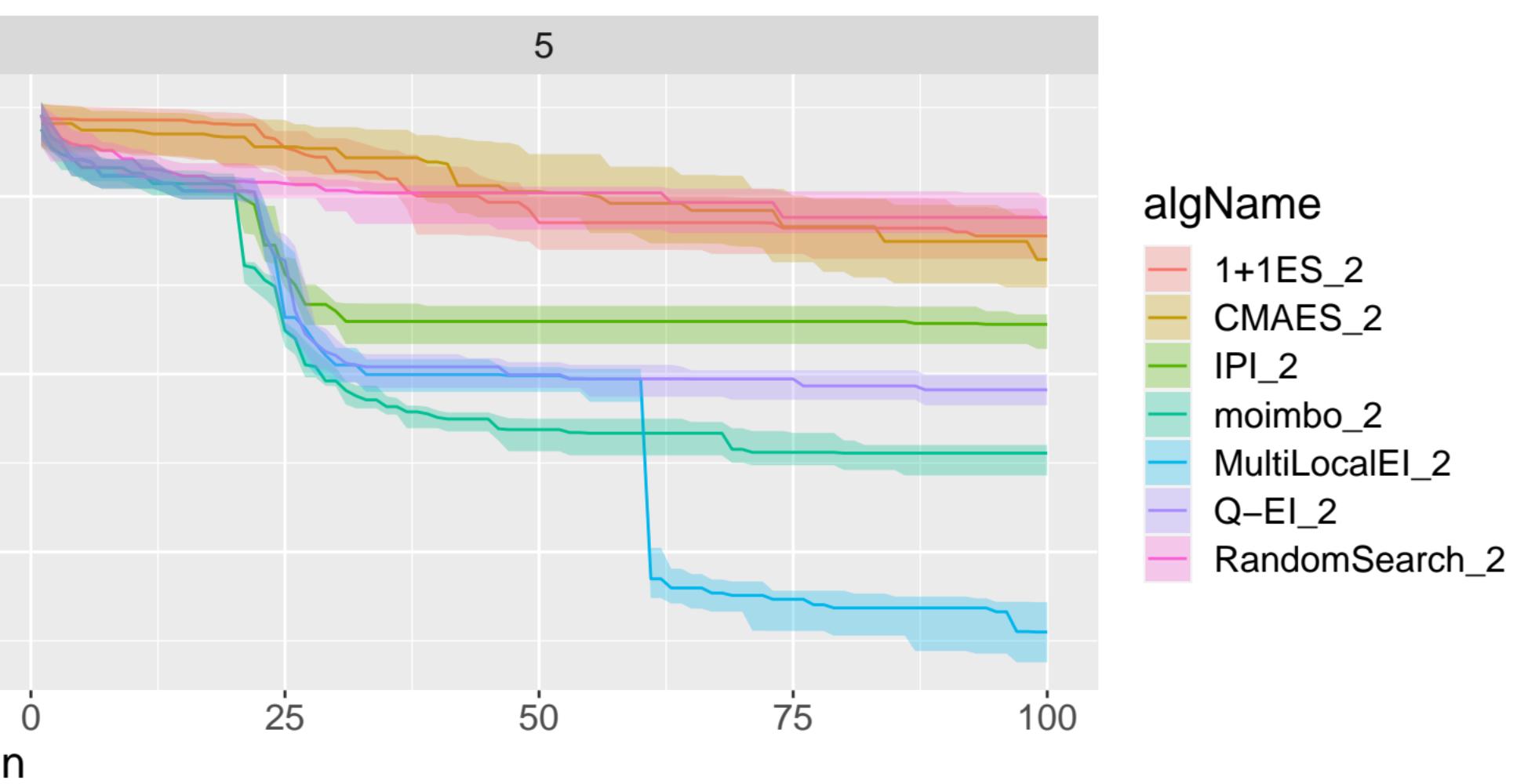
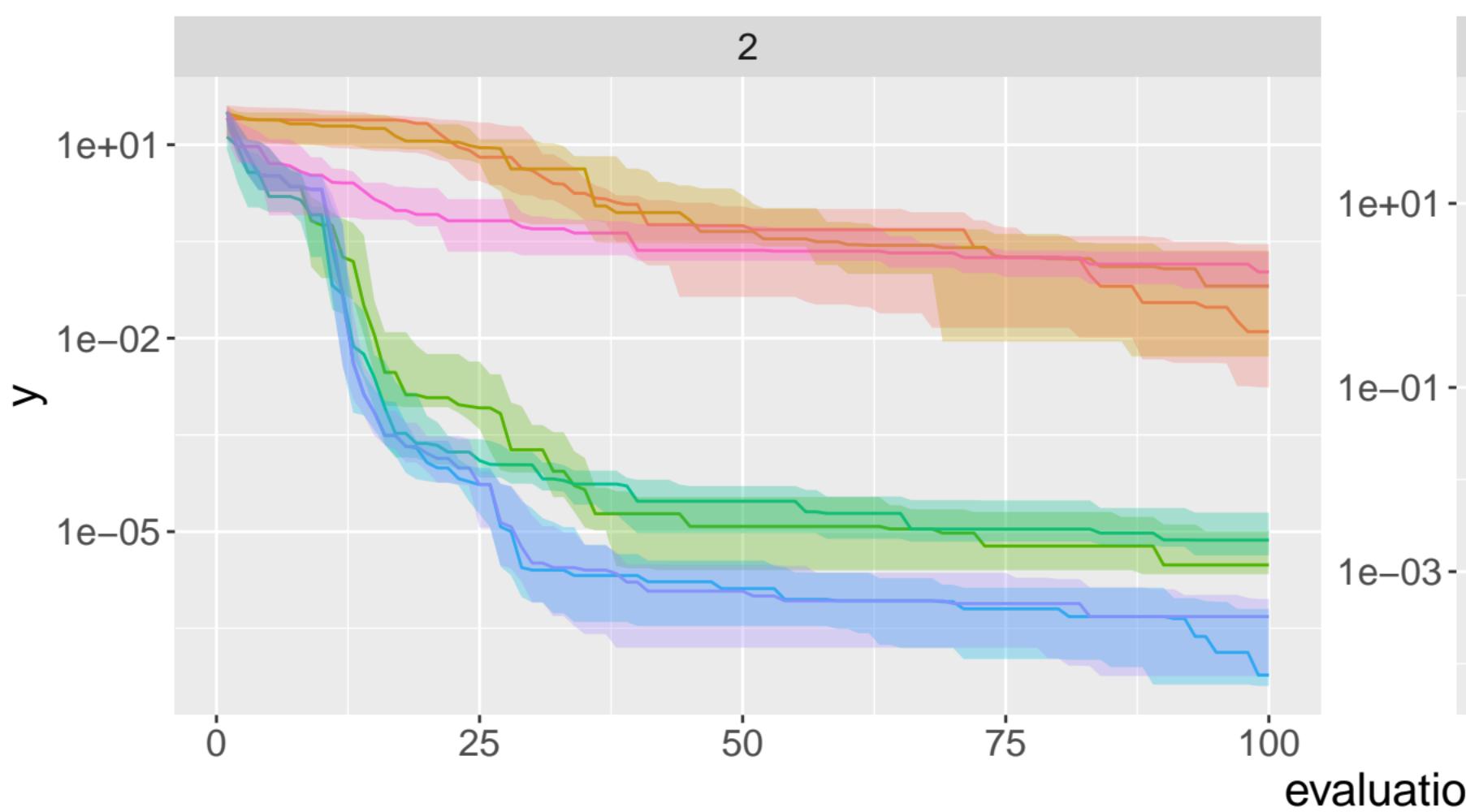


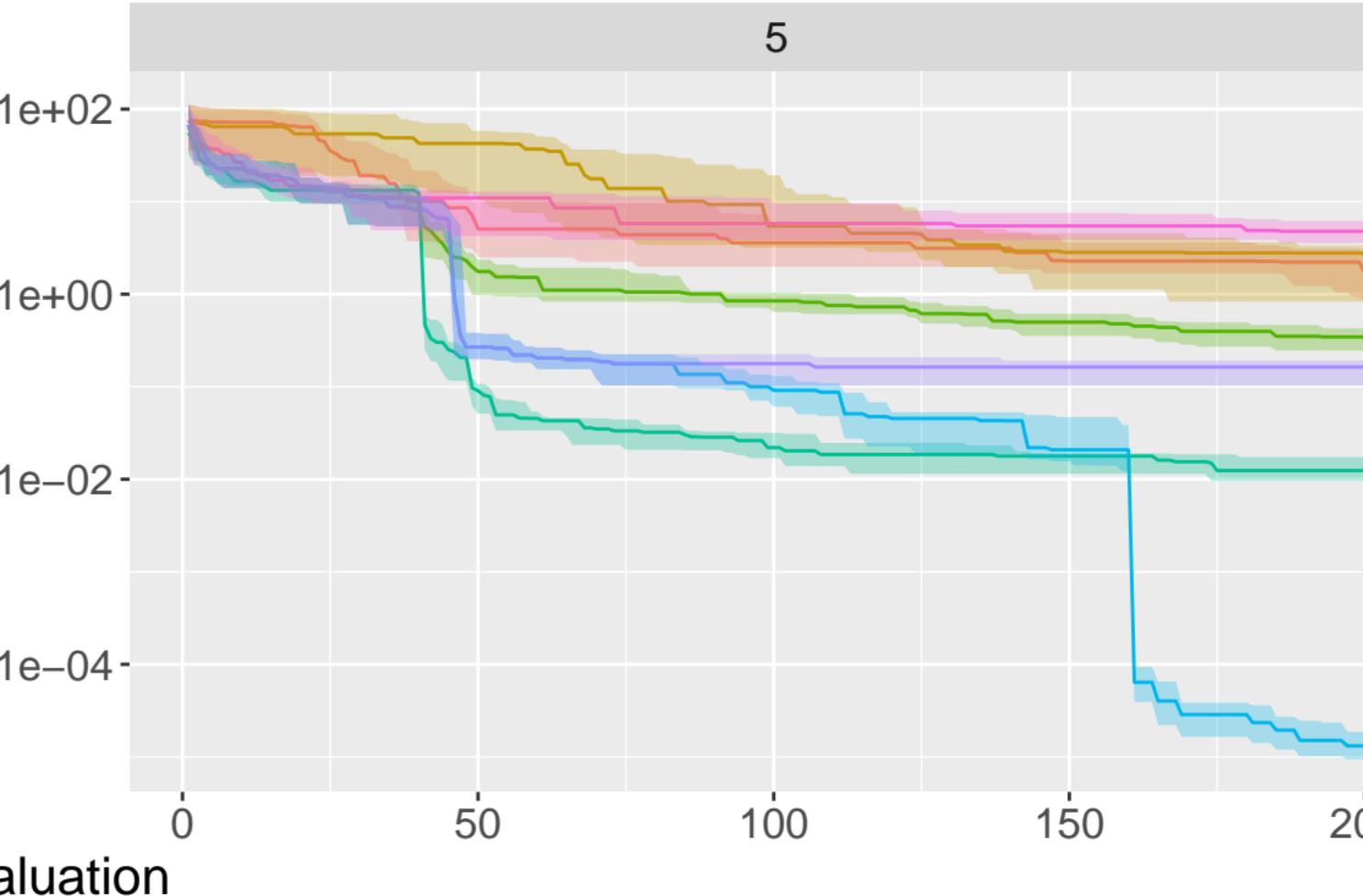
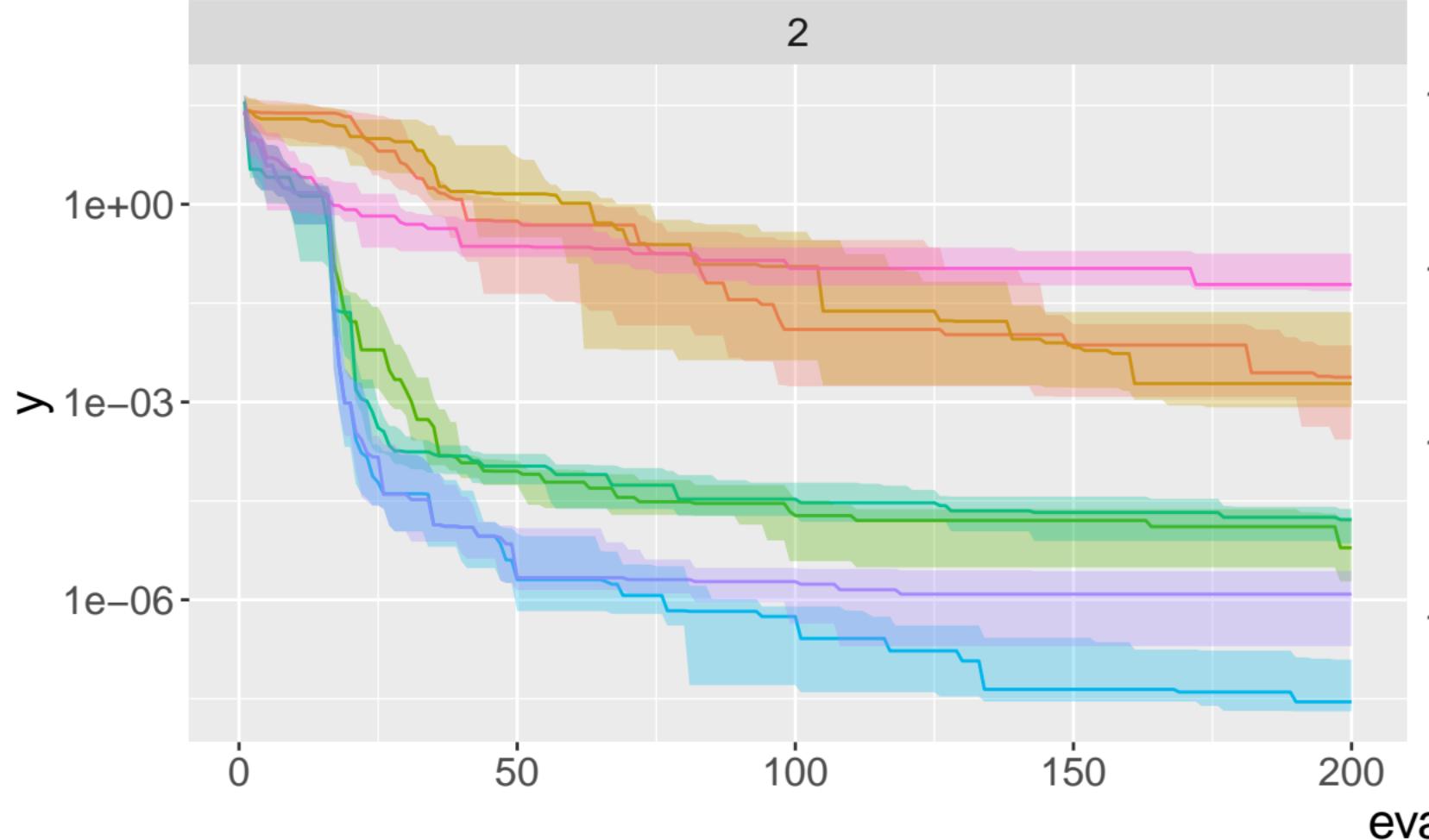
FunID: 1 - BatchSize: 2



algName

- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

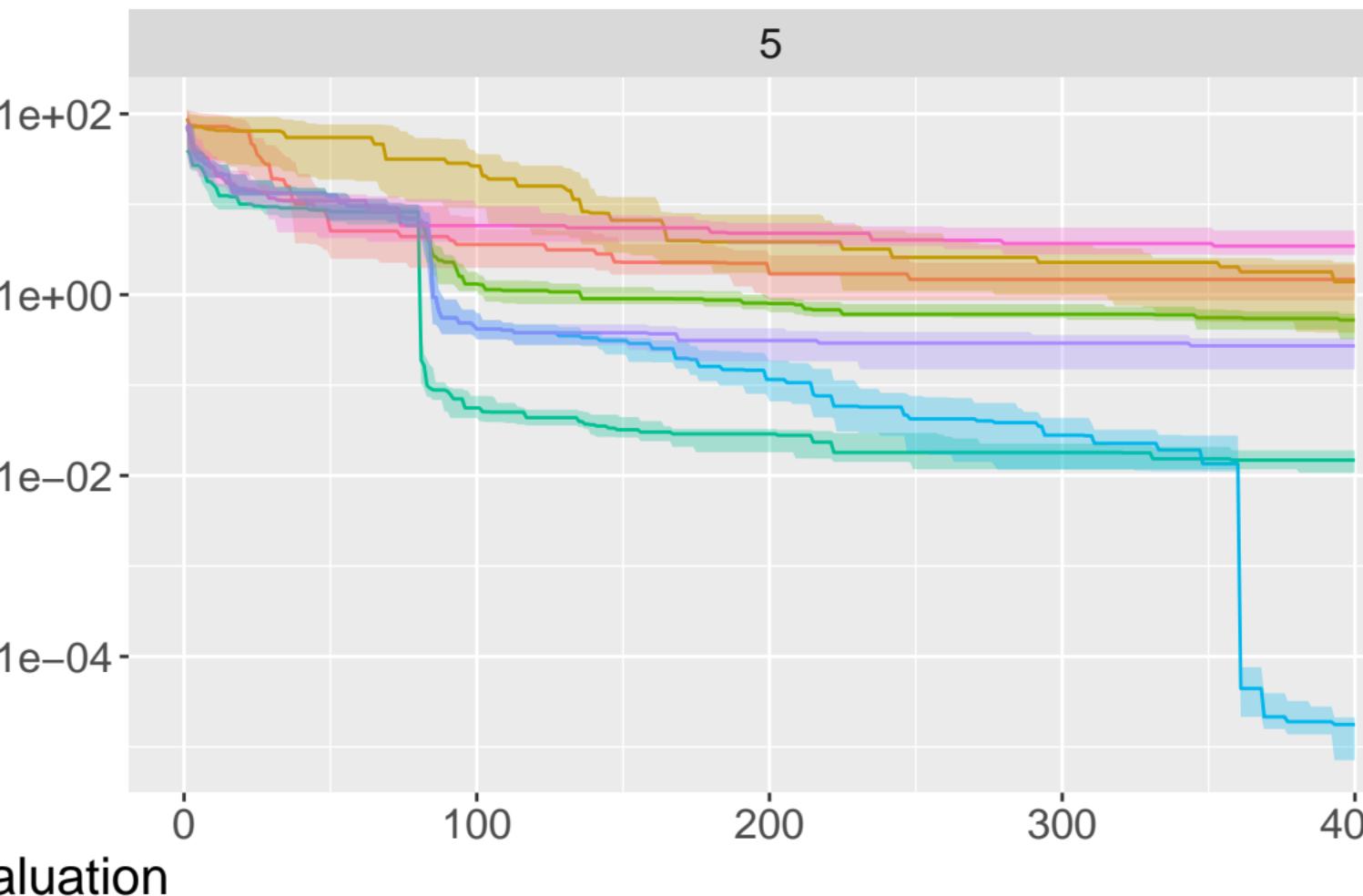
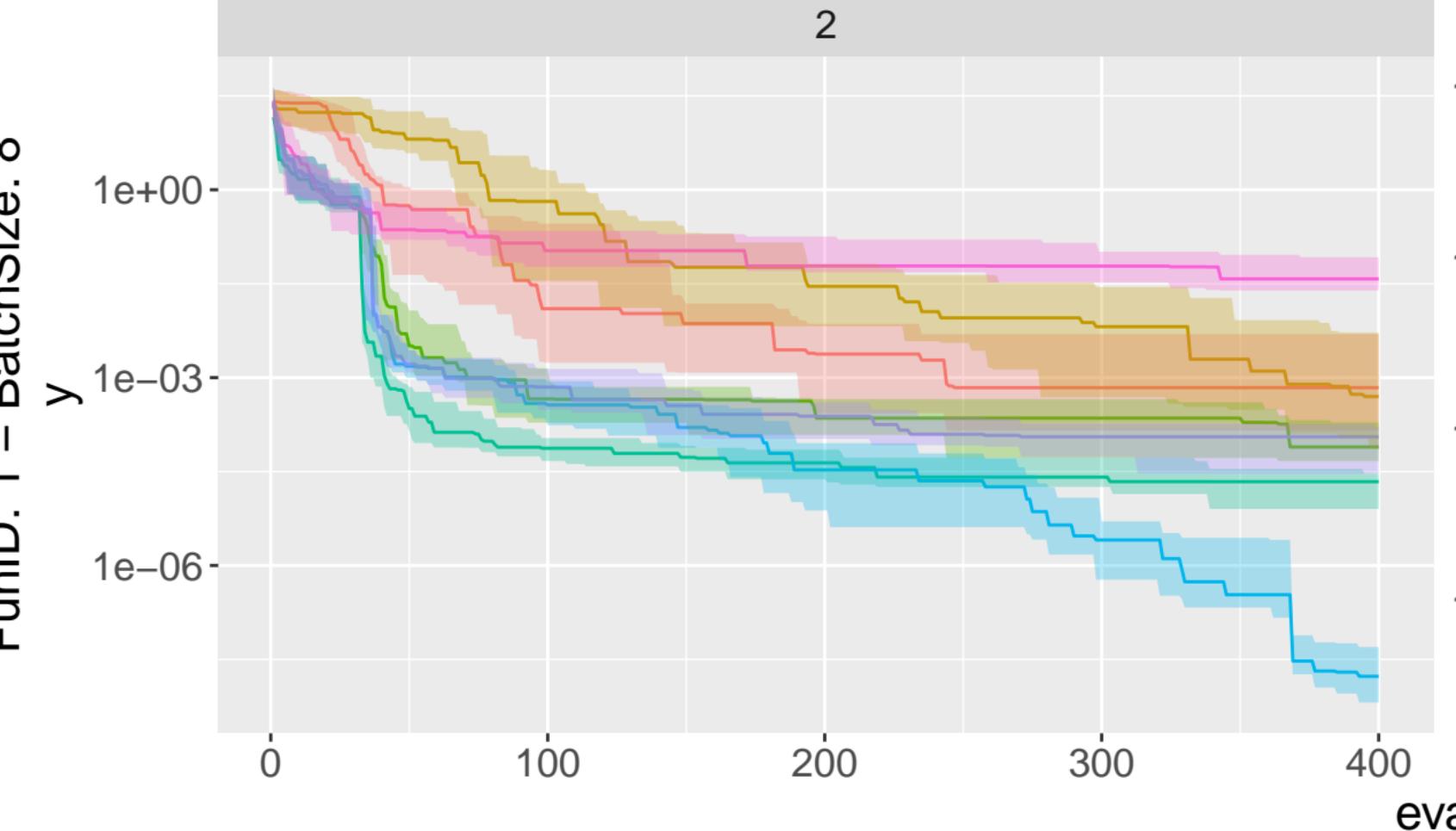
FunID: 1 - BatchSize: 4



algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

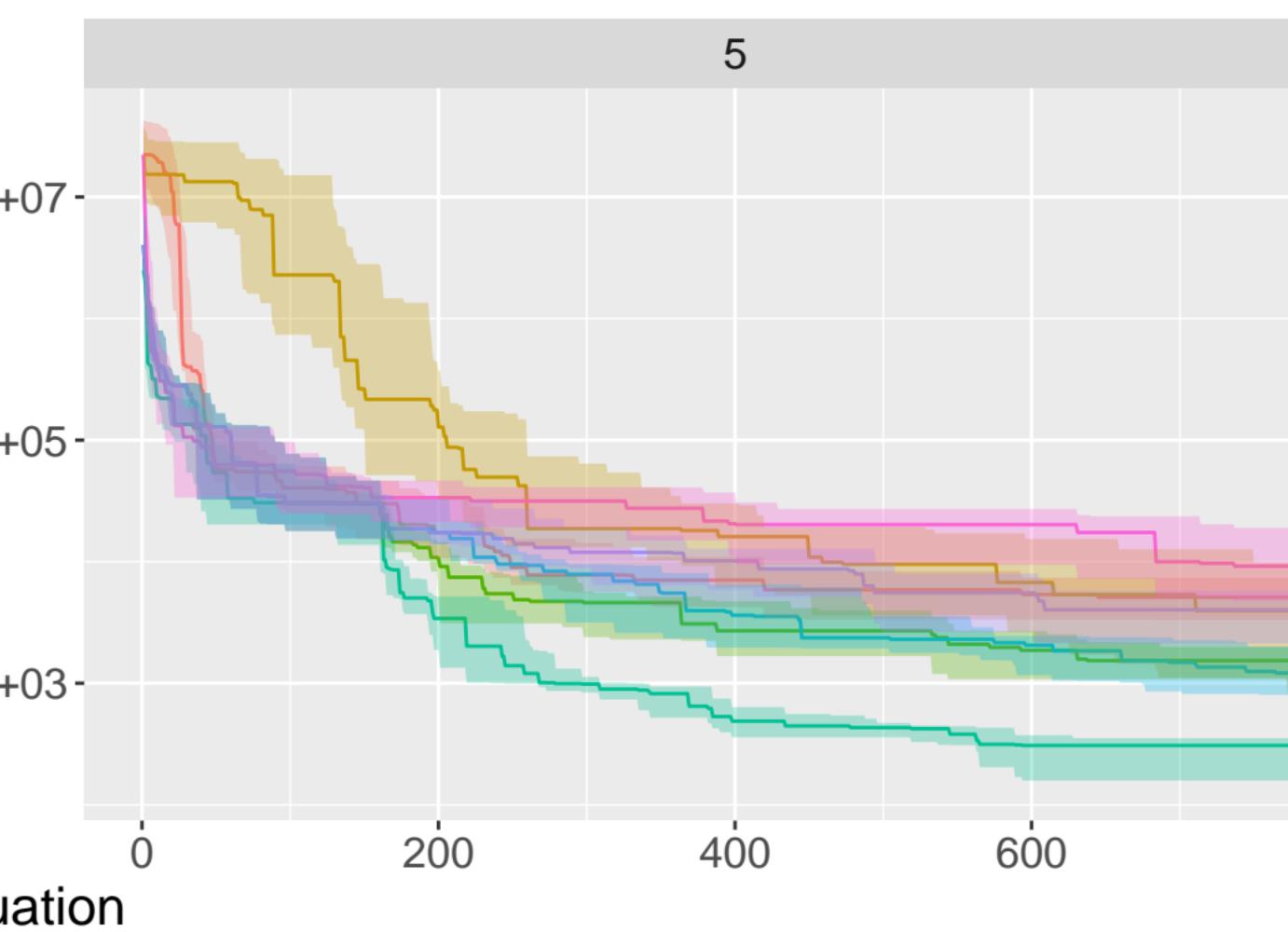
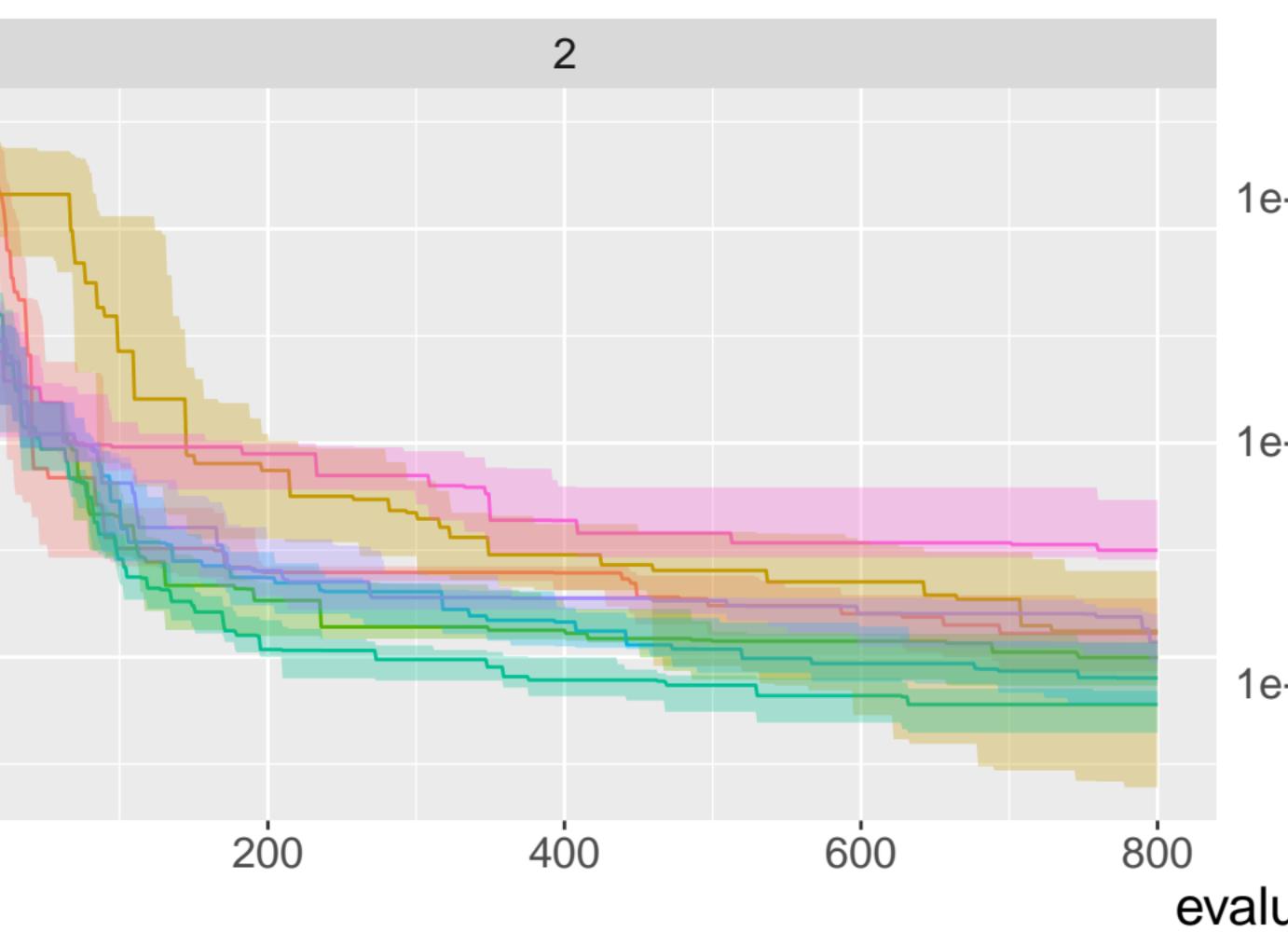
FunID: 1 - BatchSize: 8



algName

- 1+1ES\_8
- CMAES\_8
- IPI\_8
- moimbo\_8
- MultiLocalEI\_8
- Q-EI\_8
- RandomSearch\_8

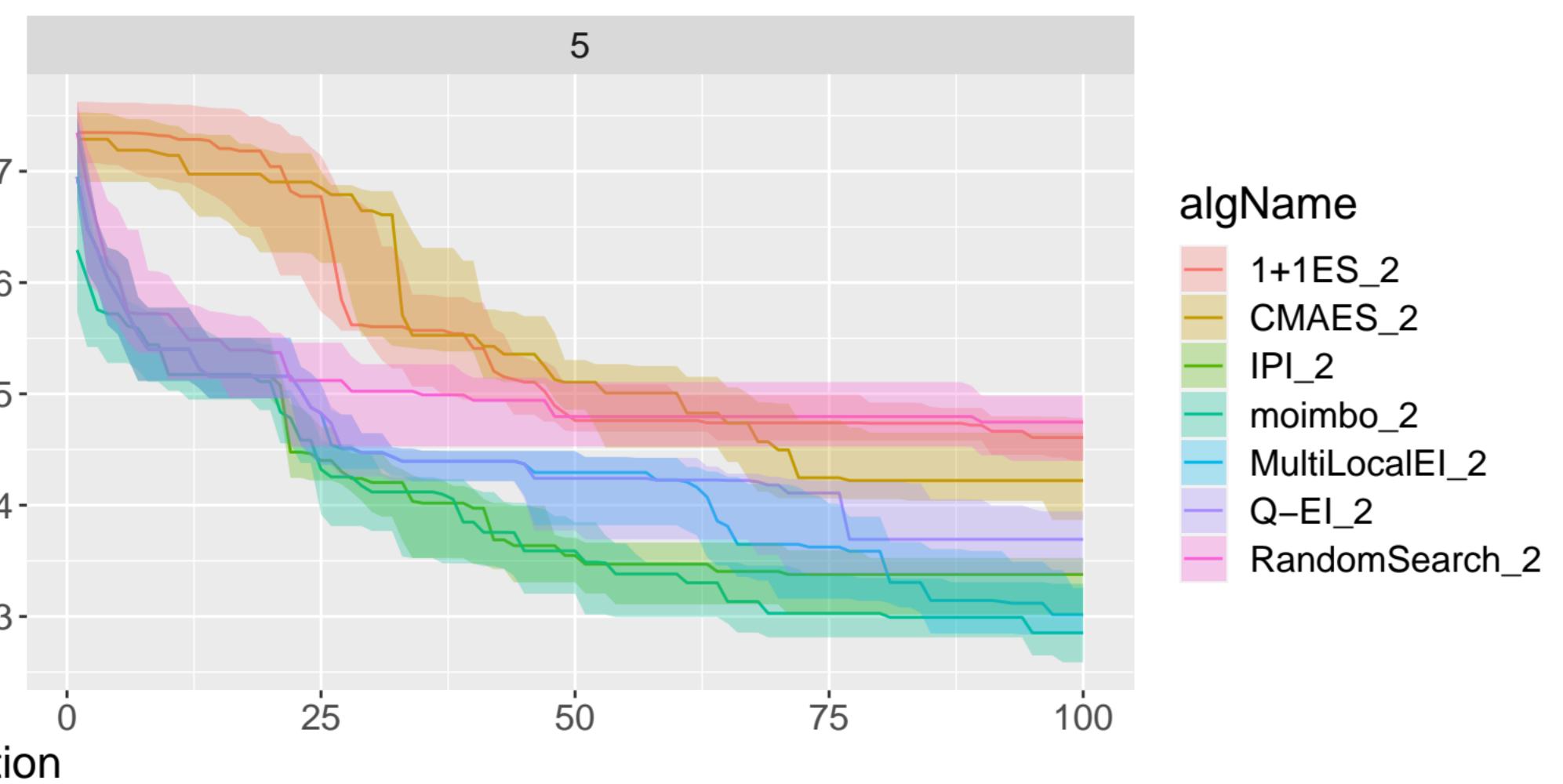
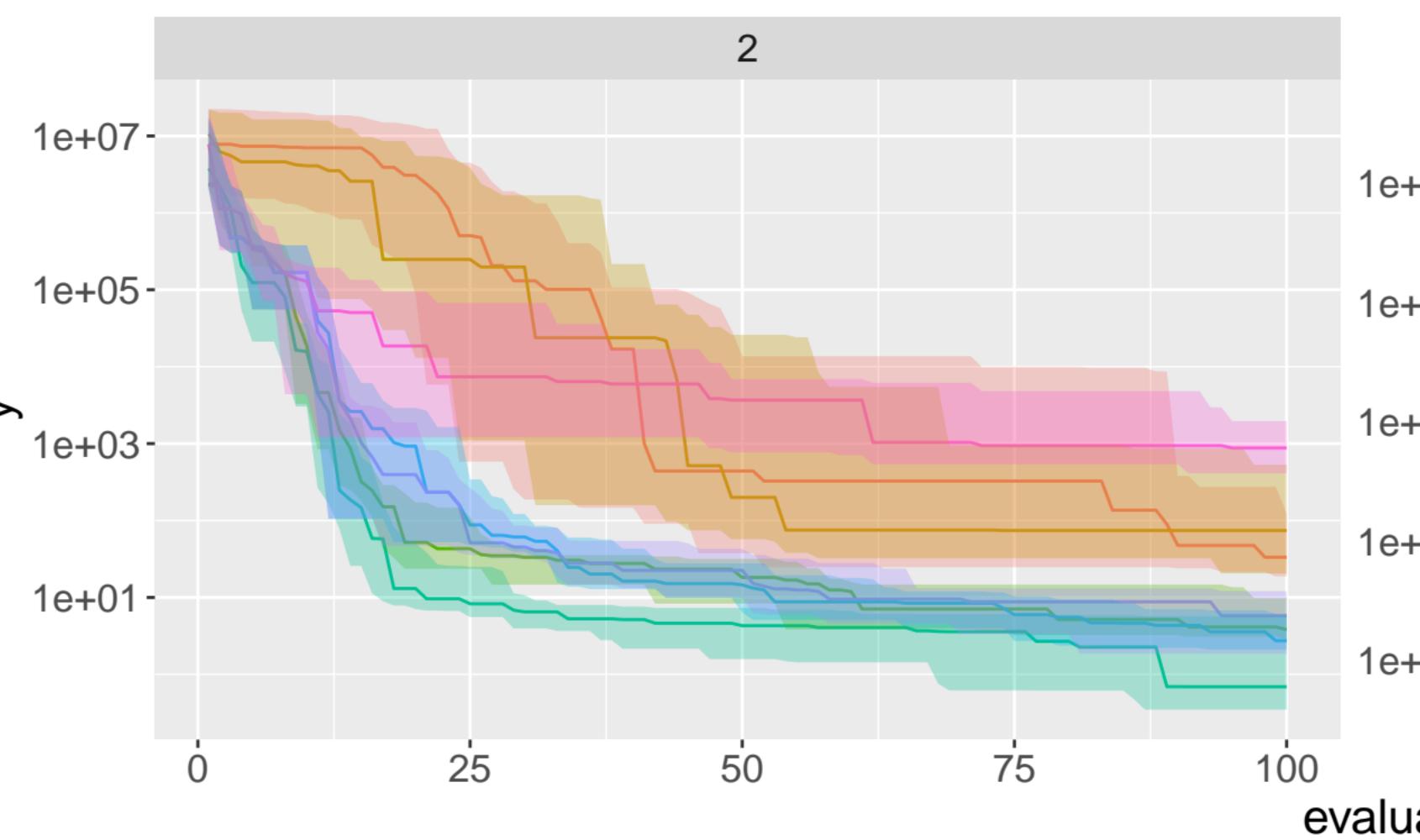
FunID: 2 – BatchSize: 16



algName

- 1+1ES\_16
- CMAES\_16
- IPI\_16
- moimbo\_16
- MultiLocalEI\_16
- Q-EI\_16
- RandomSearch\_16

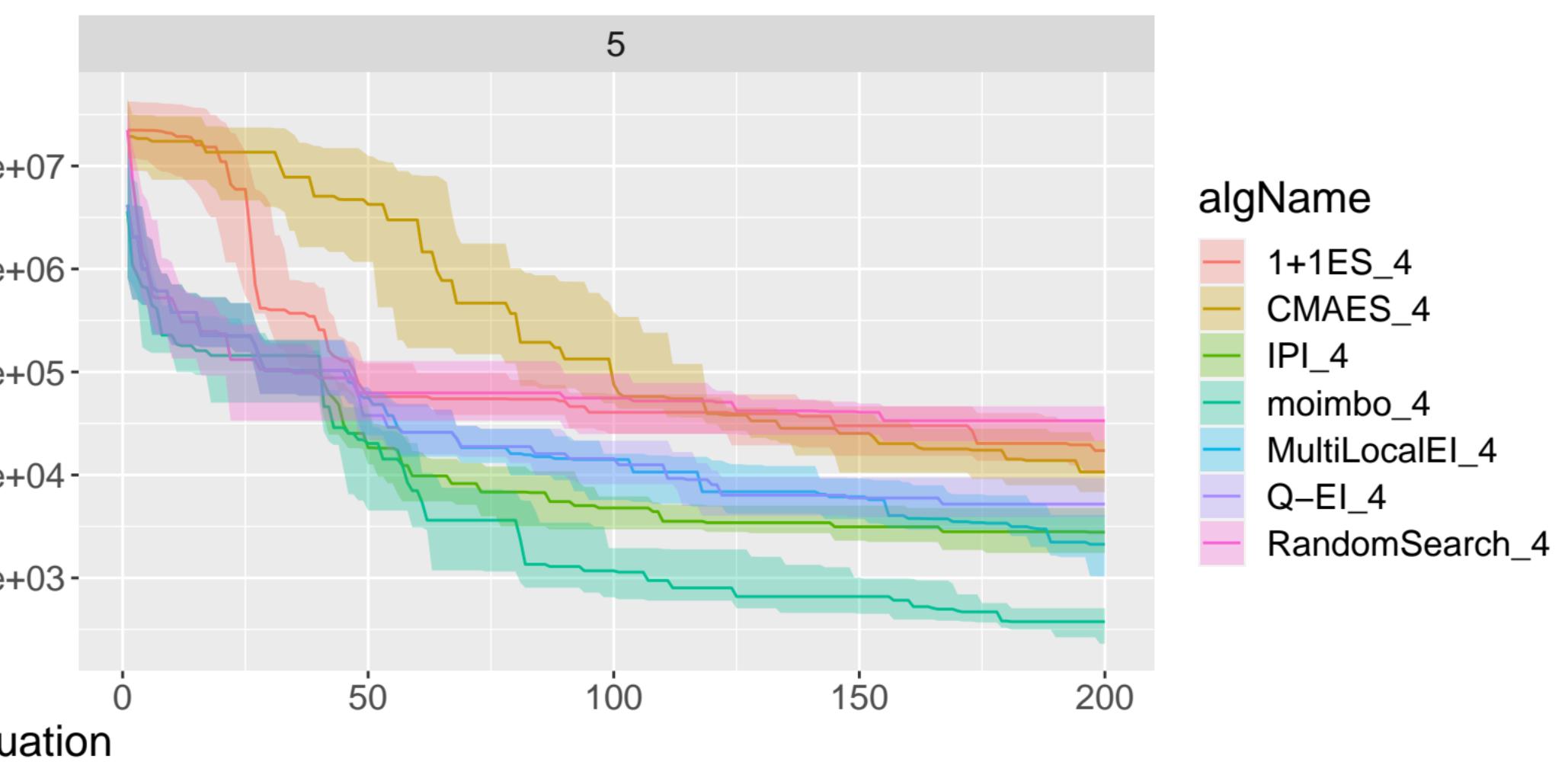
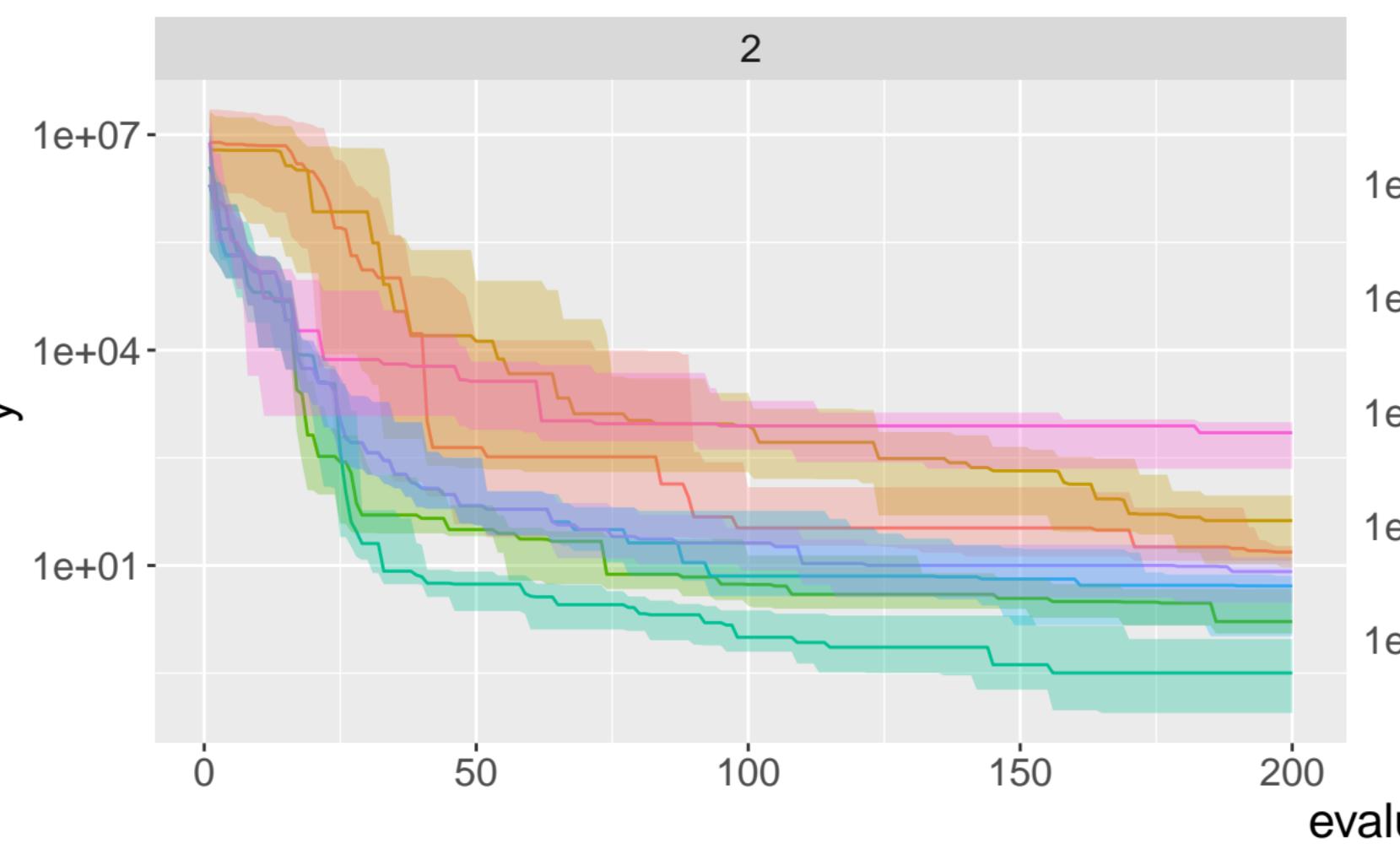
FunID: 2 – BatchSize: 2



algName

- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

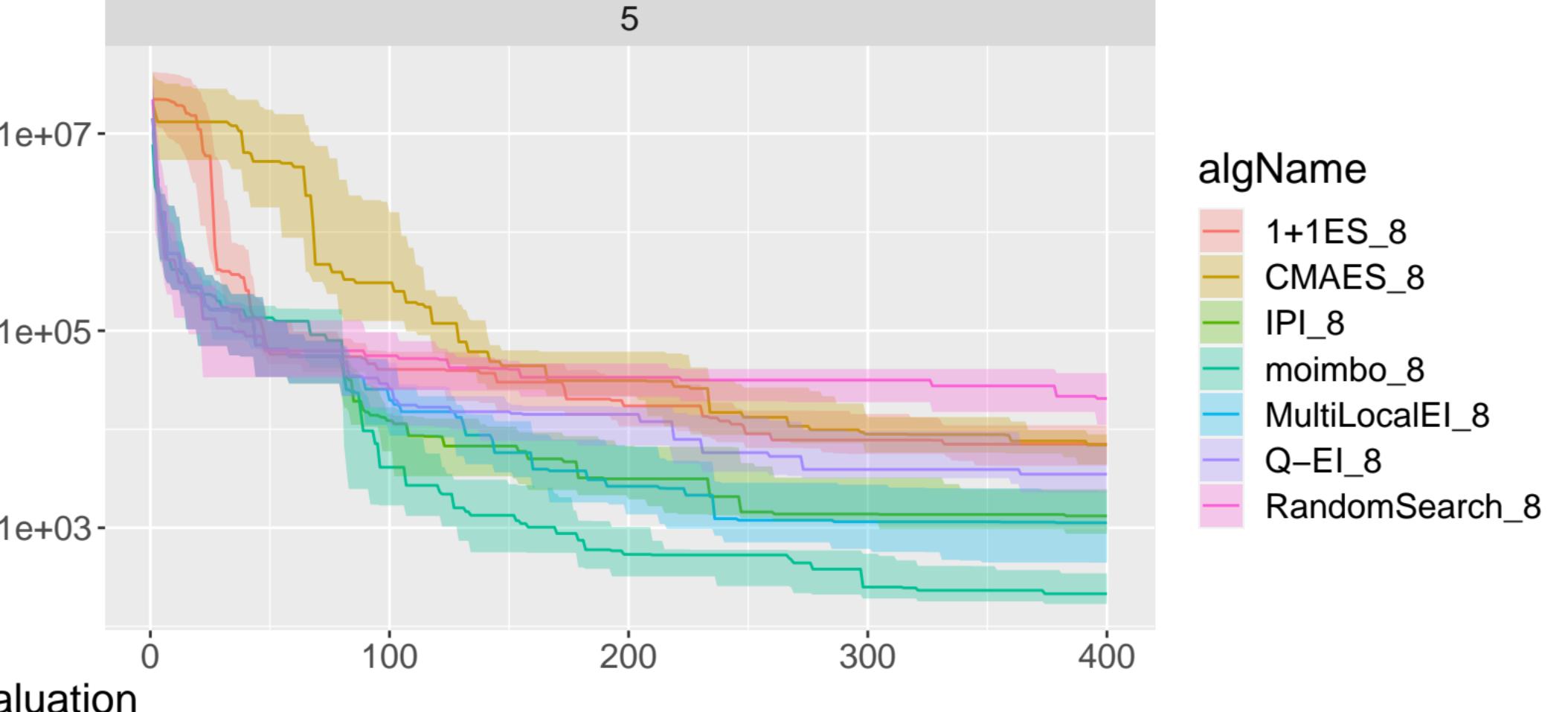
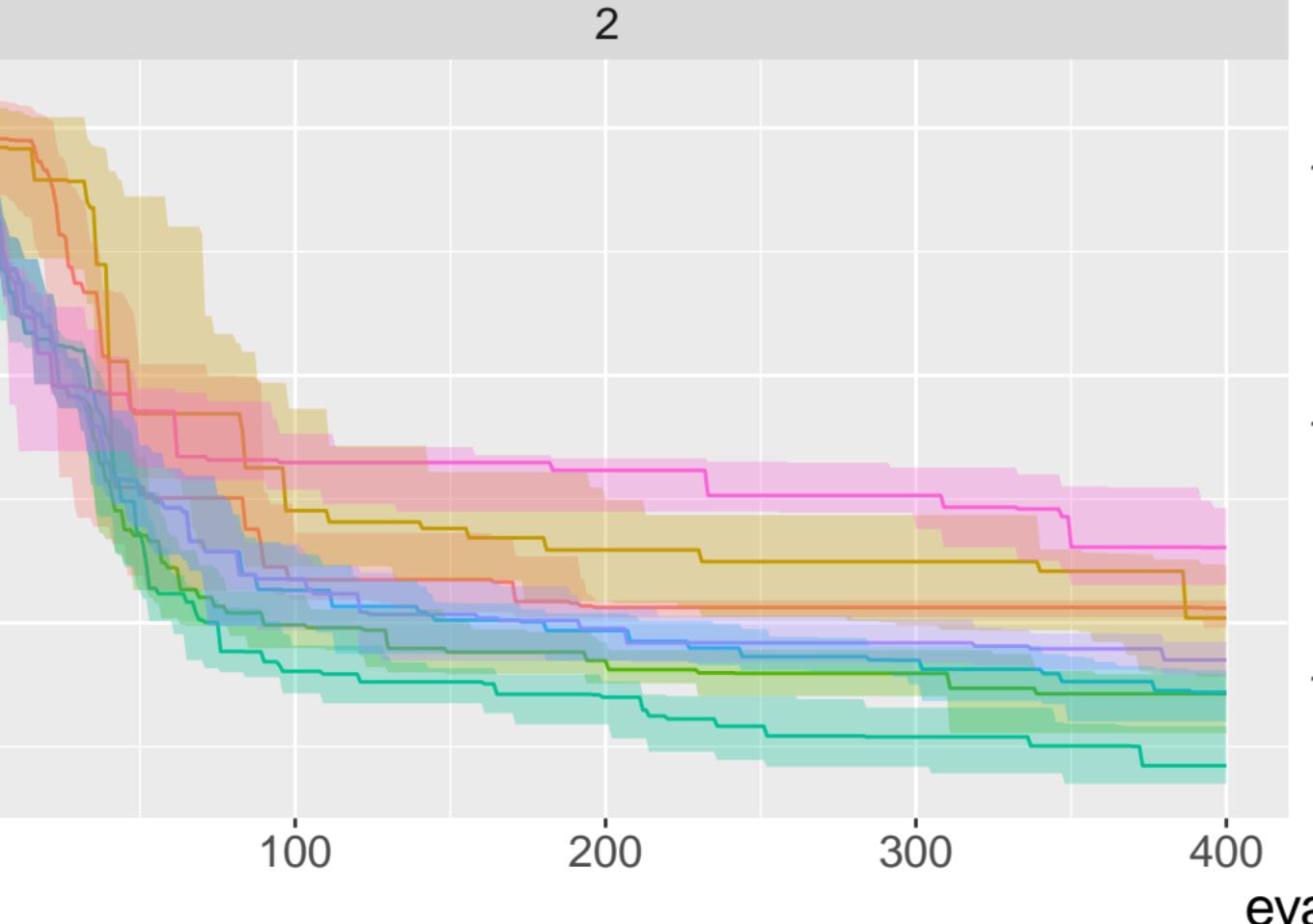
FunID: 2 – BatchSize: 4



algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

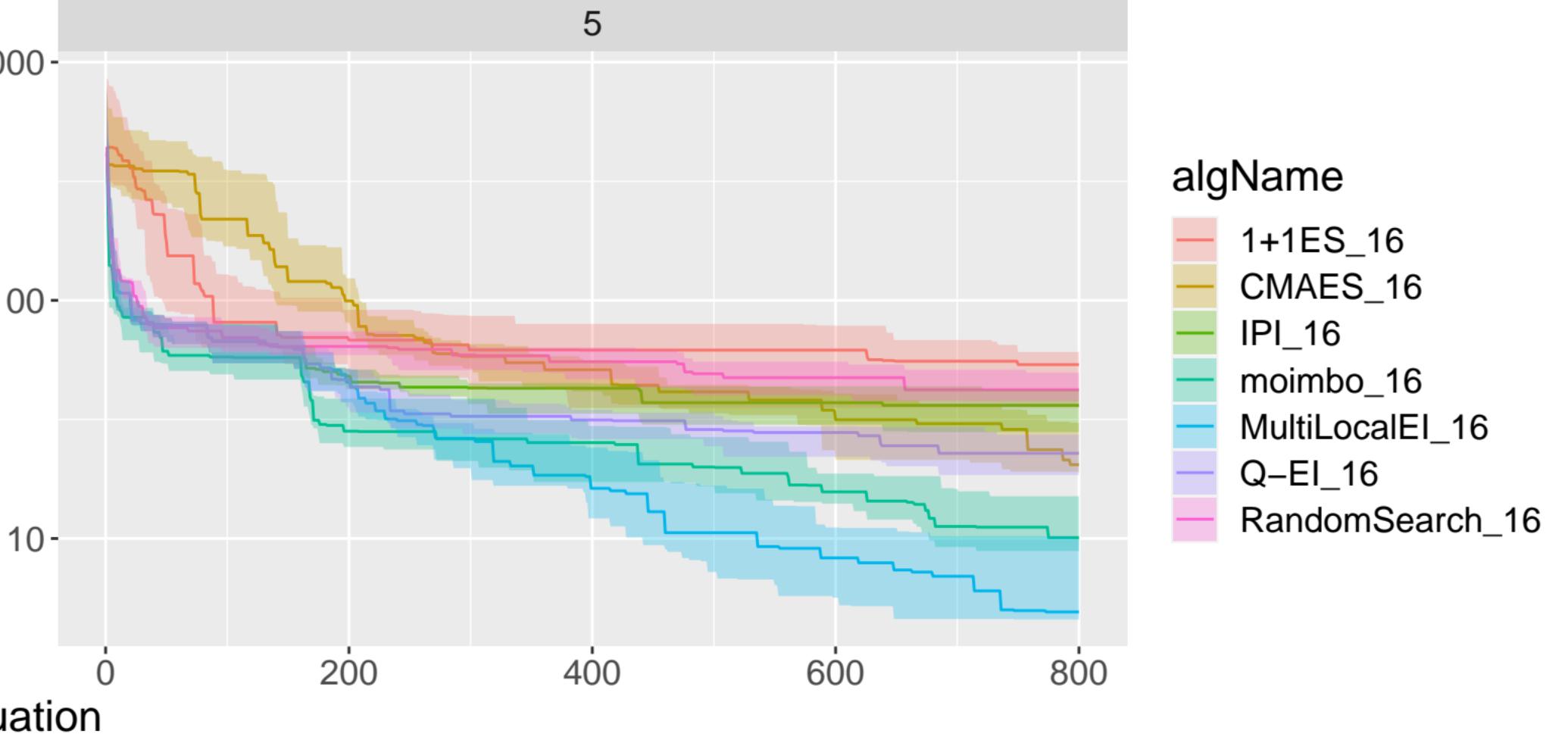
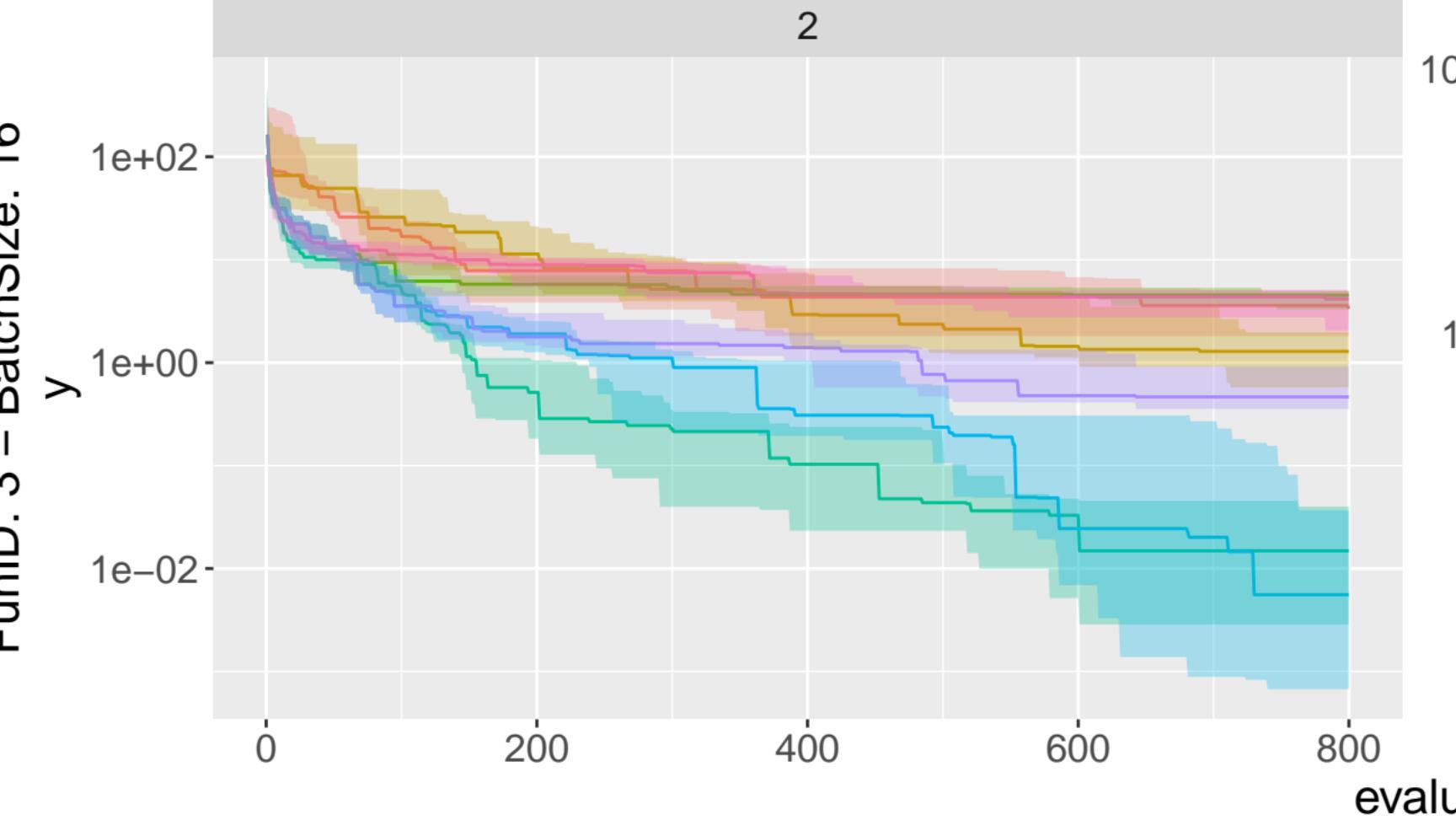
FunID: 2 – BatchSize: 8



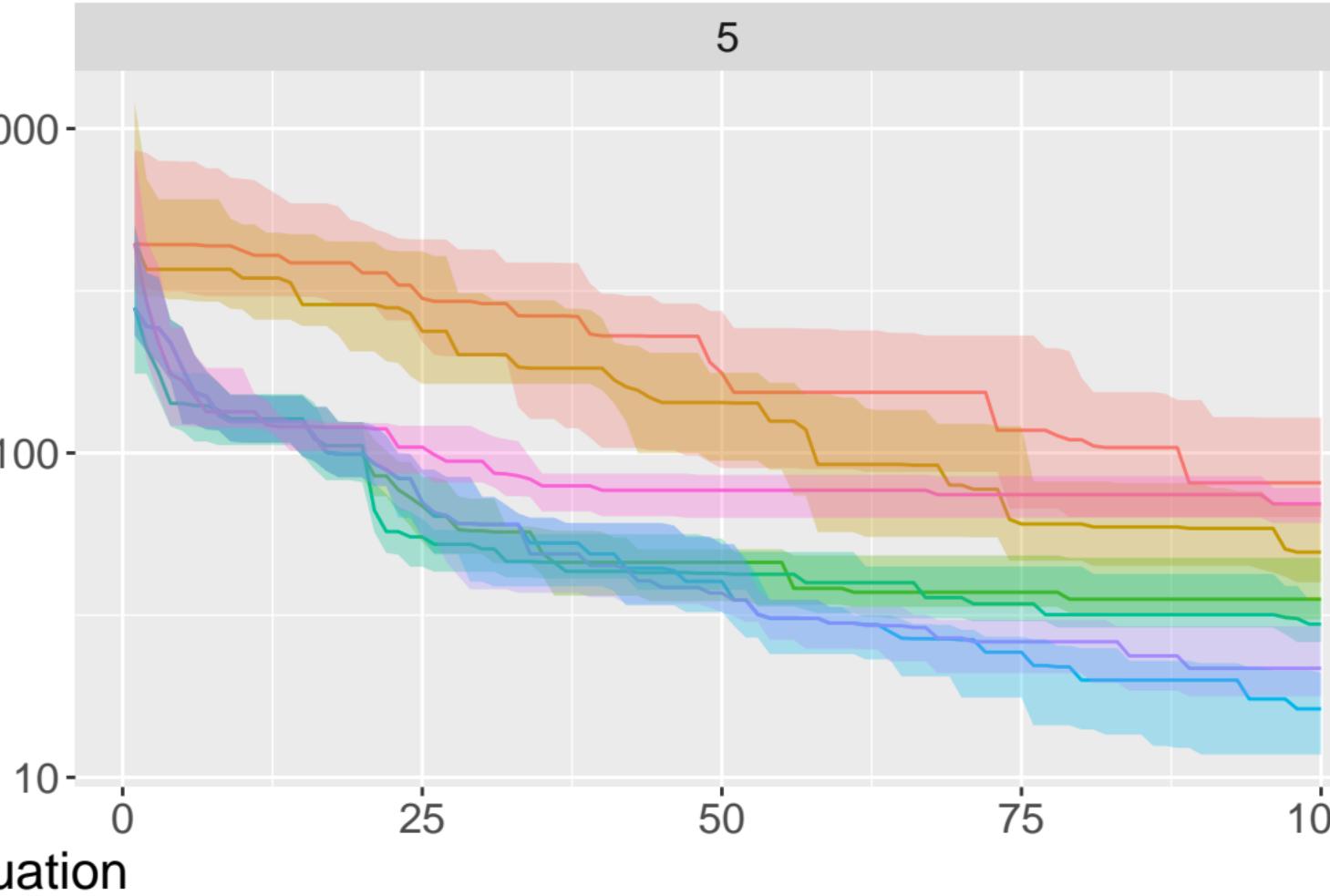
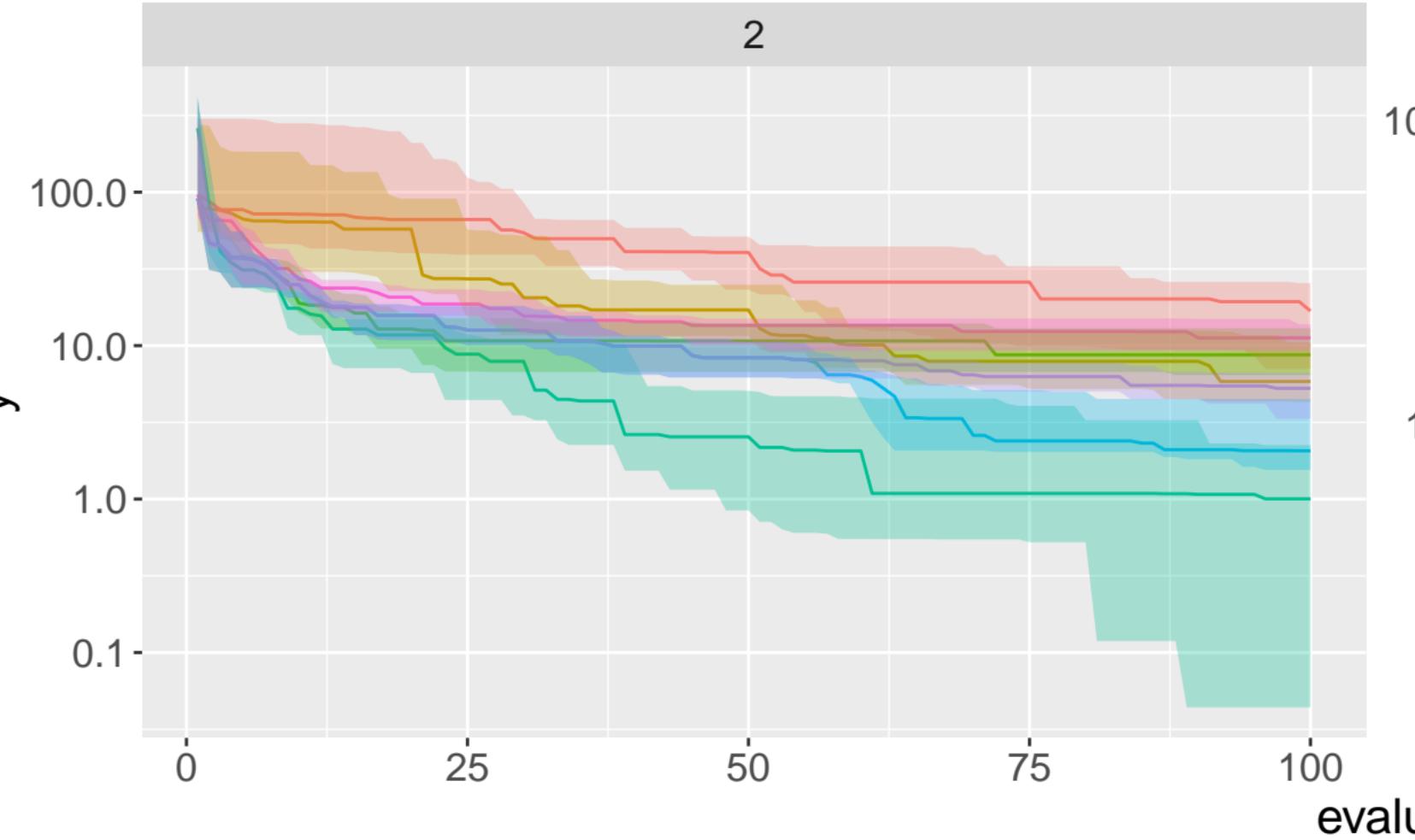
algName

- 1+1ES\_8
- CMAES\_8
- IPI\_8
- moimbo\_8
- MultiLocalEI\_8
- Q-EI\_8
- RandomSearch\_8

FunID: 3 – BatchSize: 16



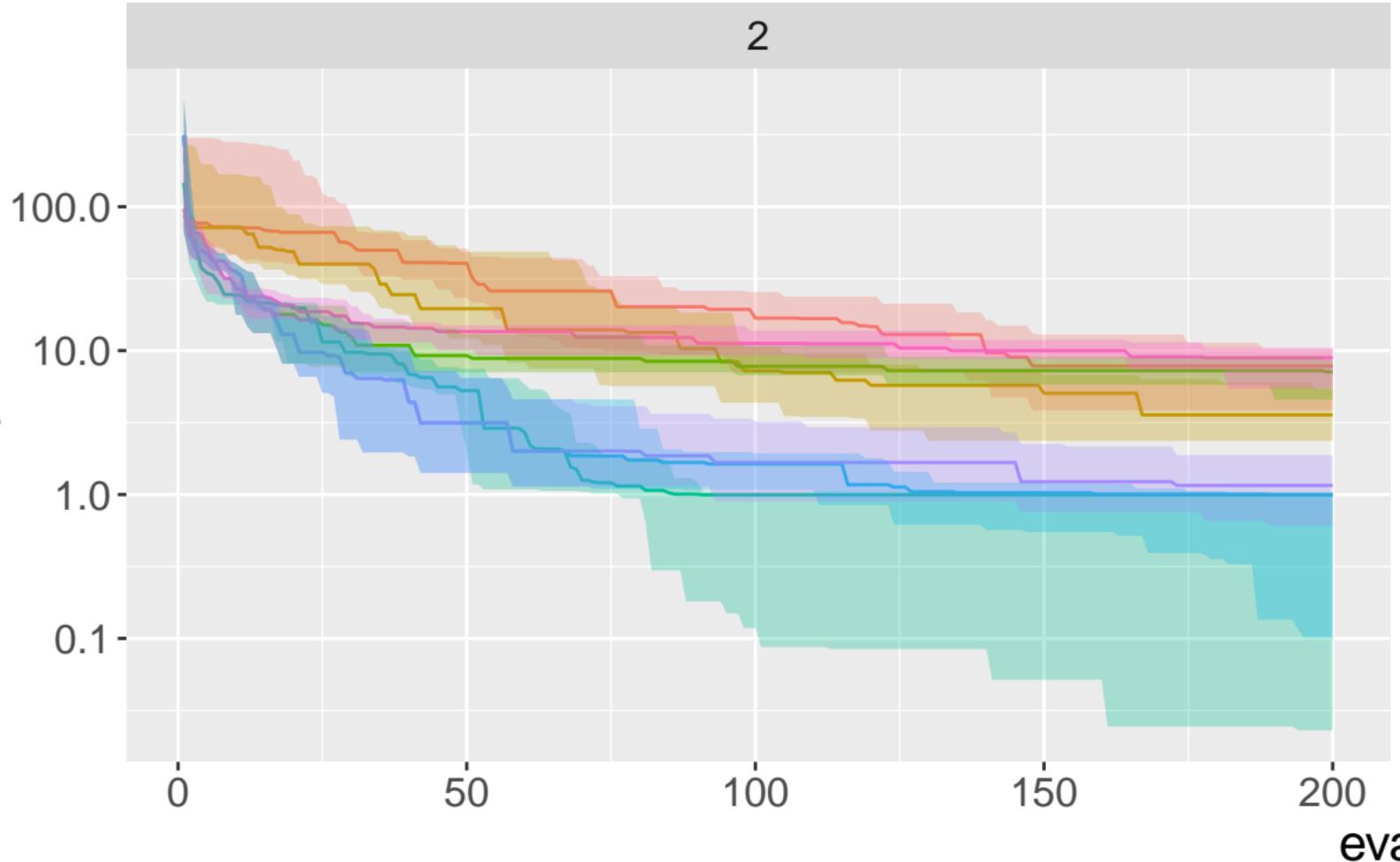
FunID: 3 – BatchSize: 2



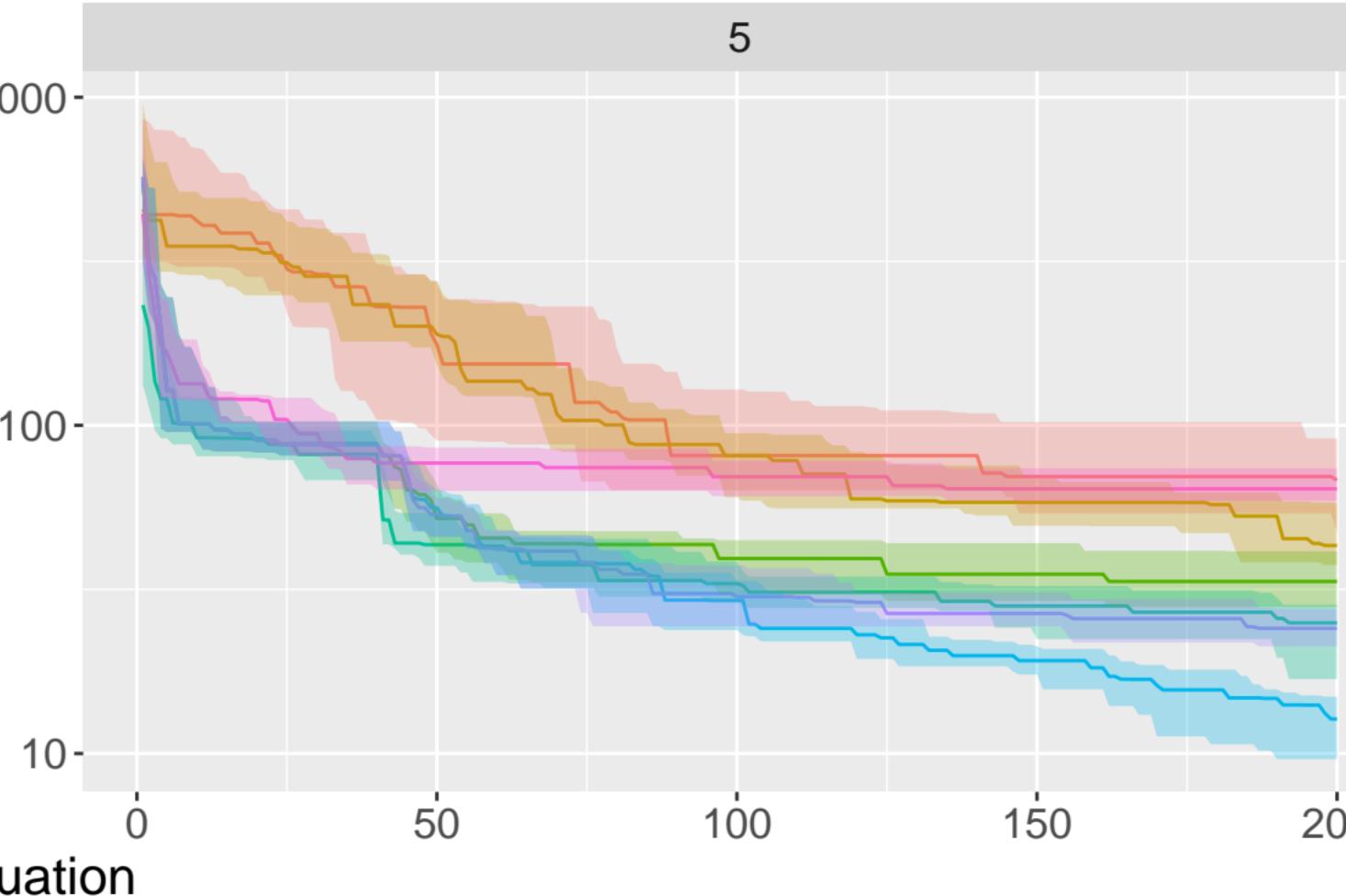
FunID: 3 – BatchSize: 4

y

2



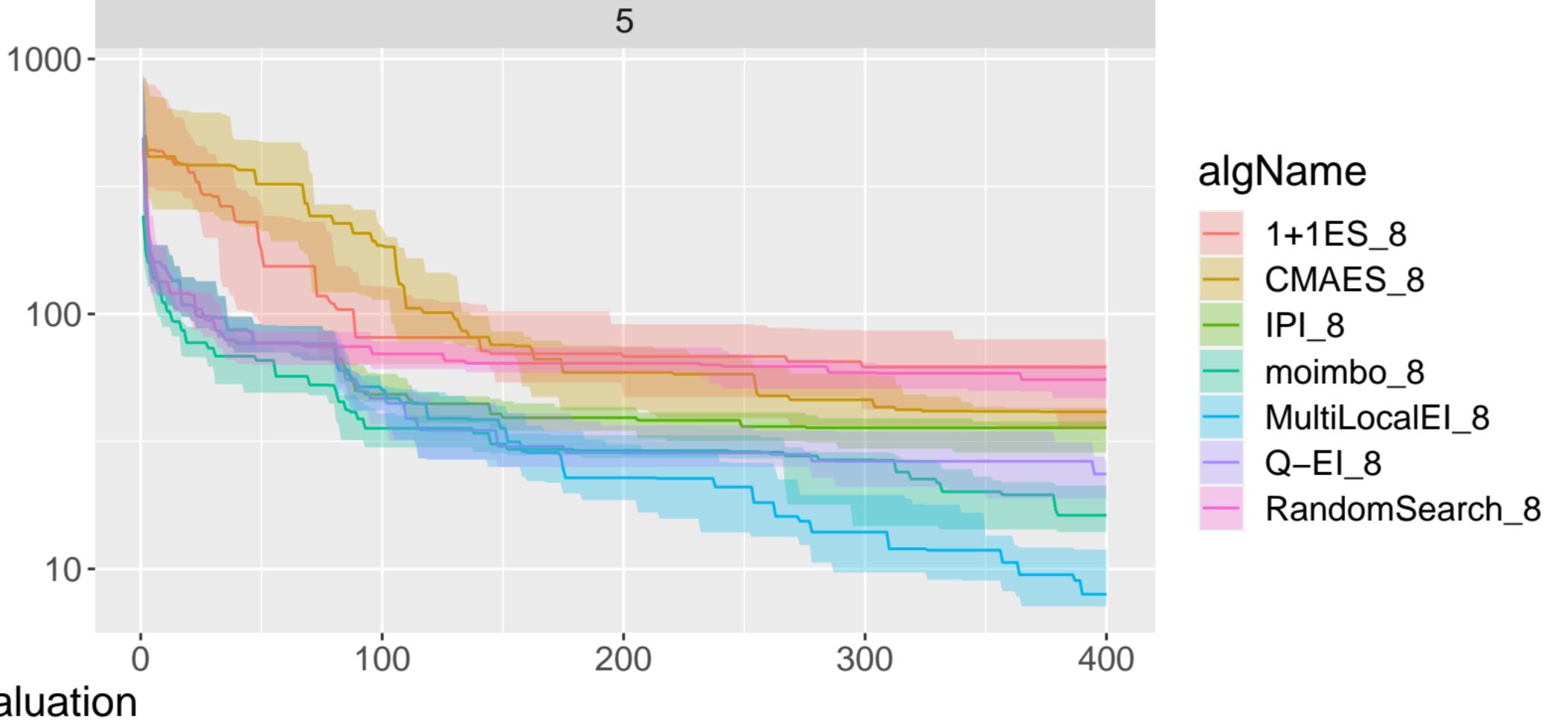
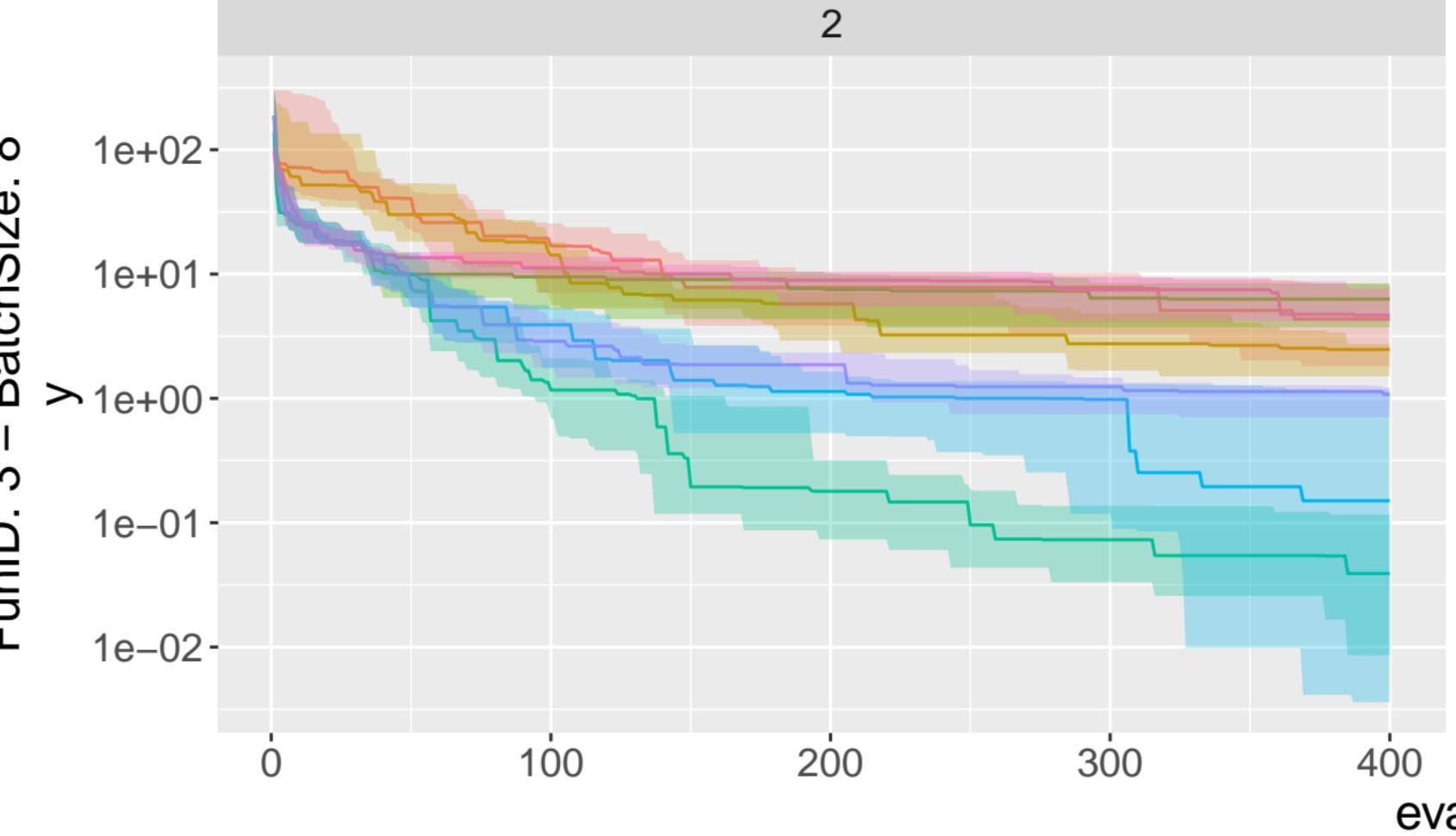
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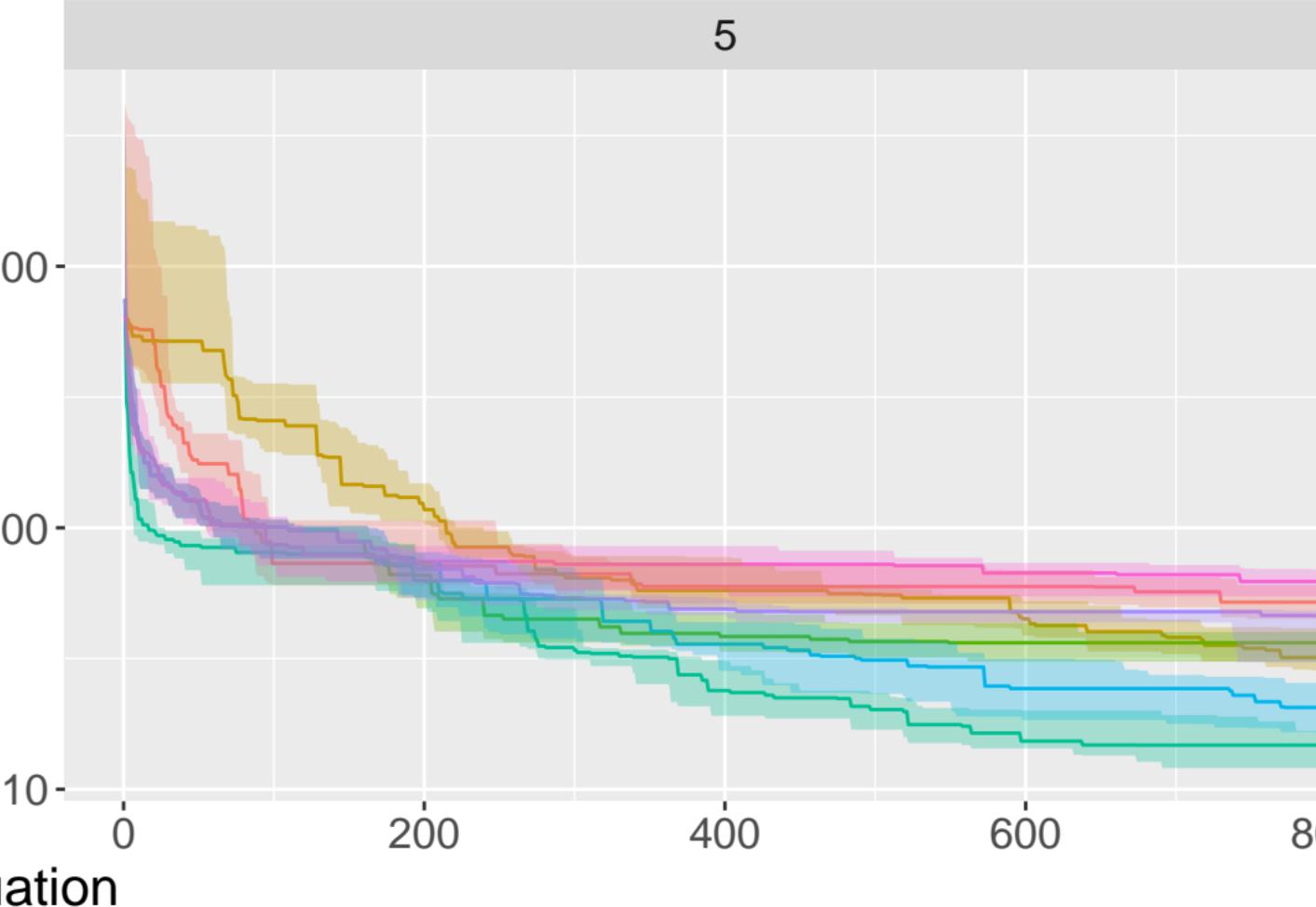
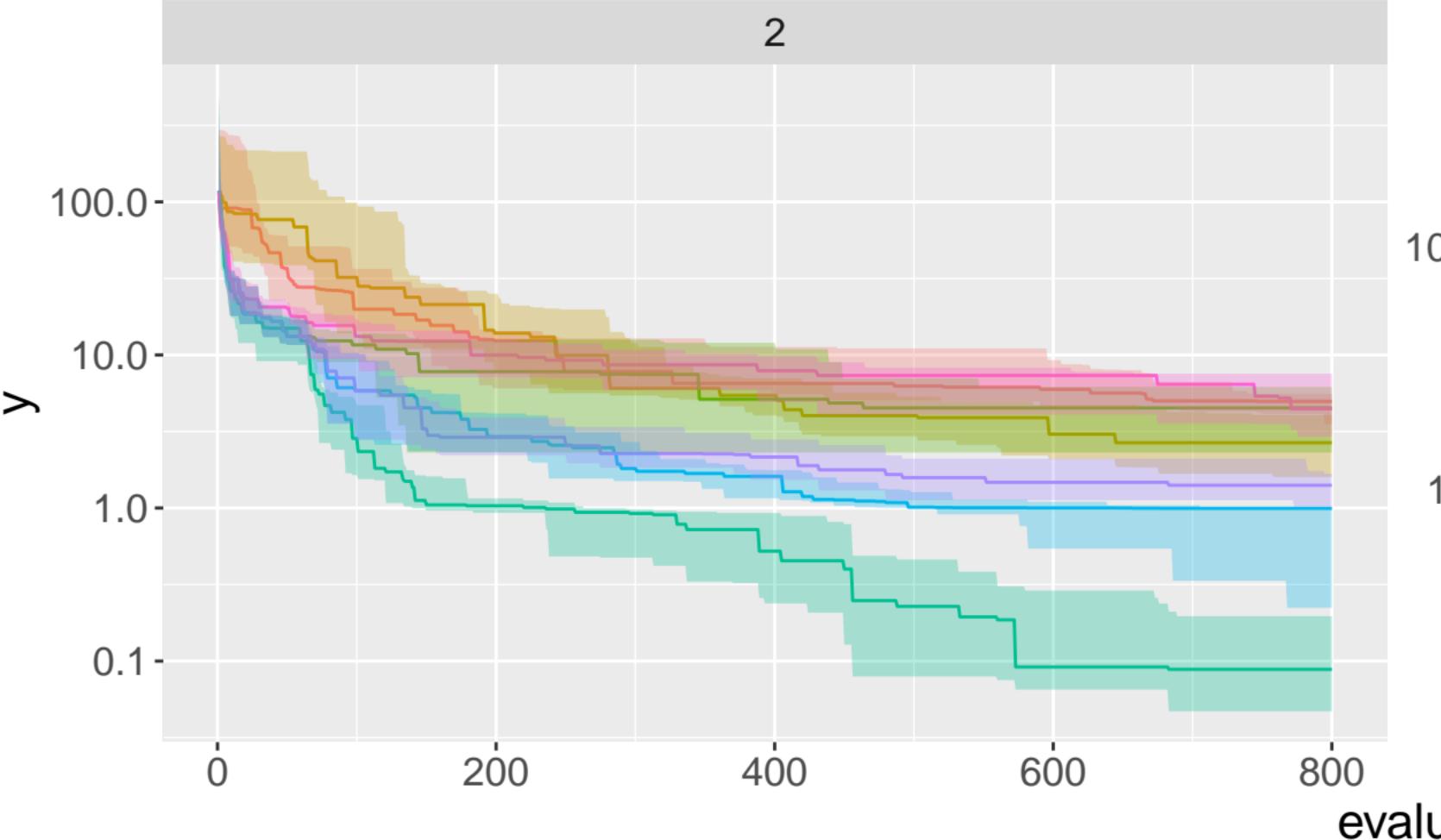
algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

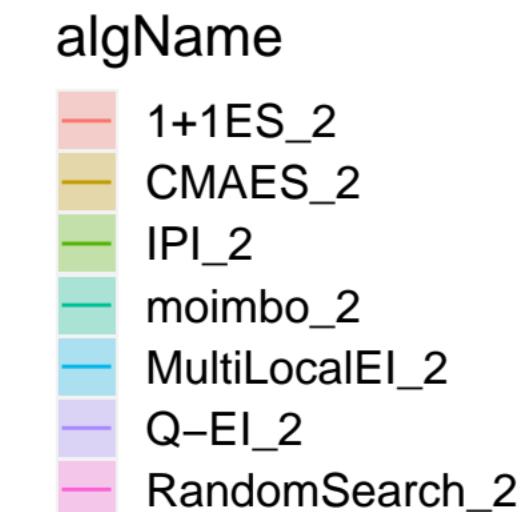
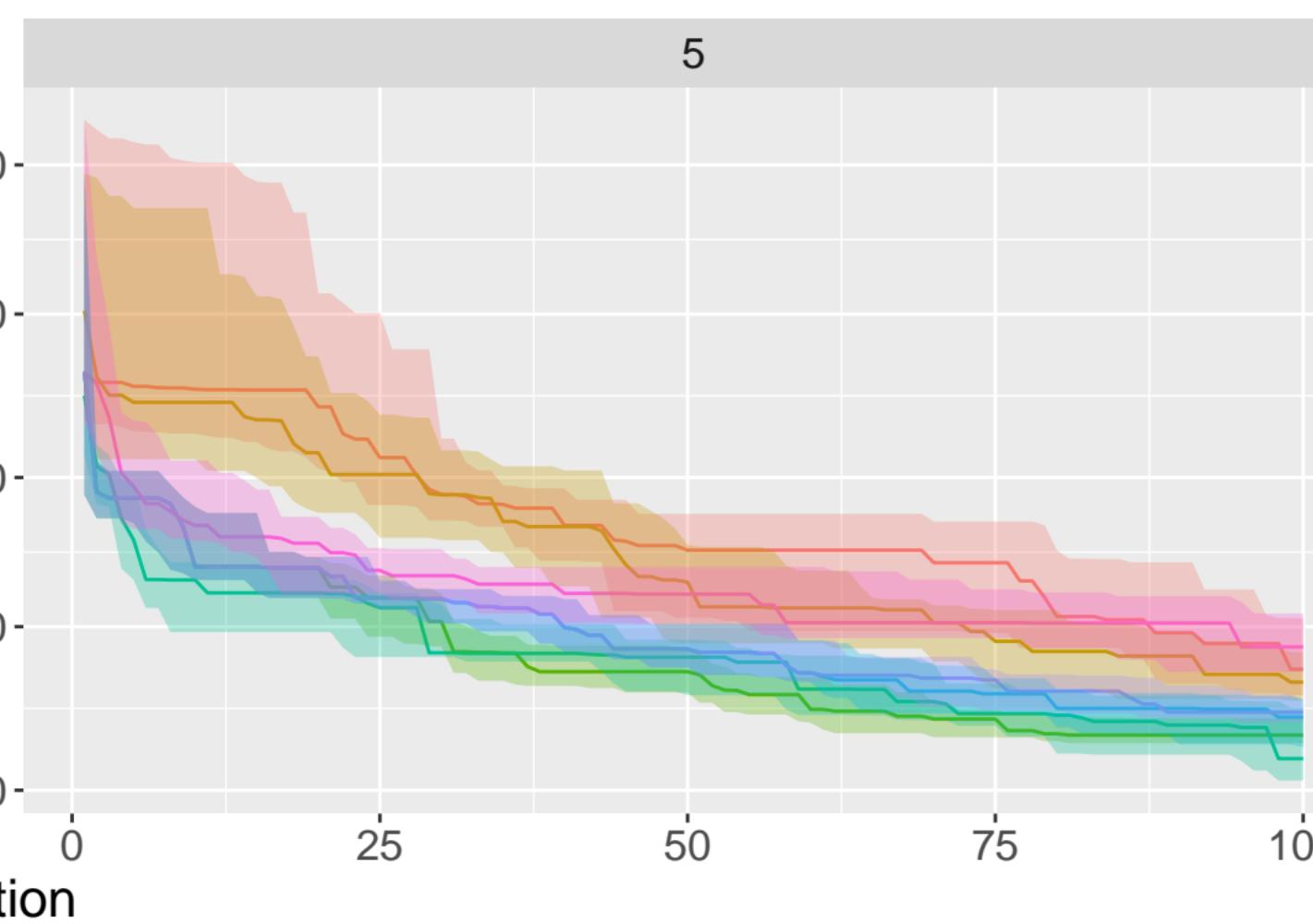
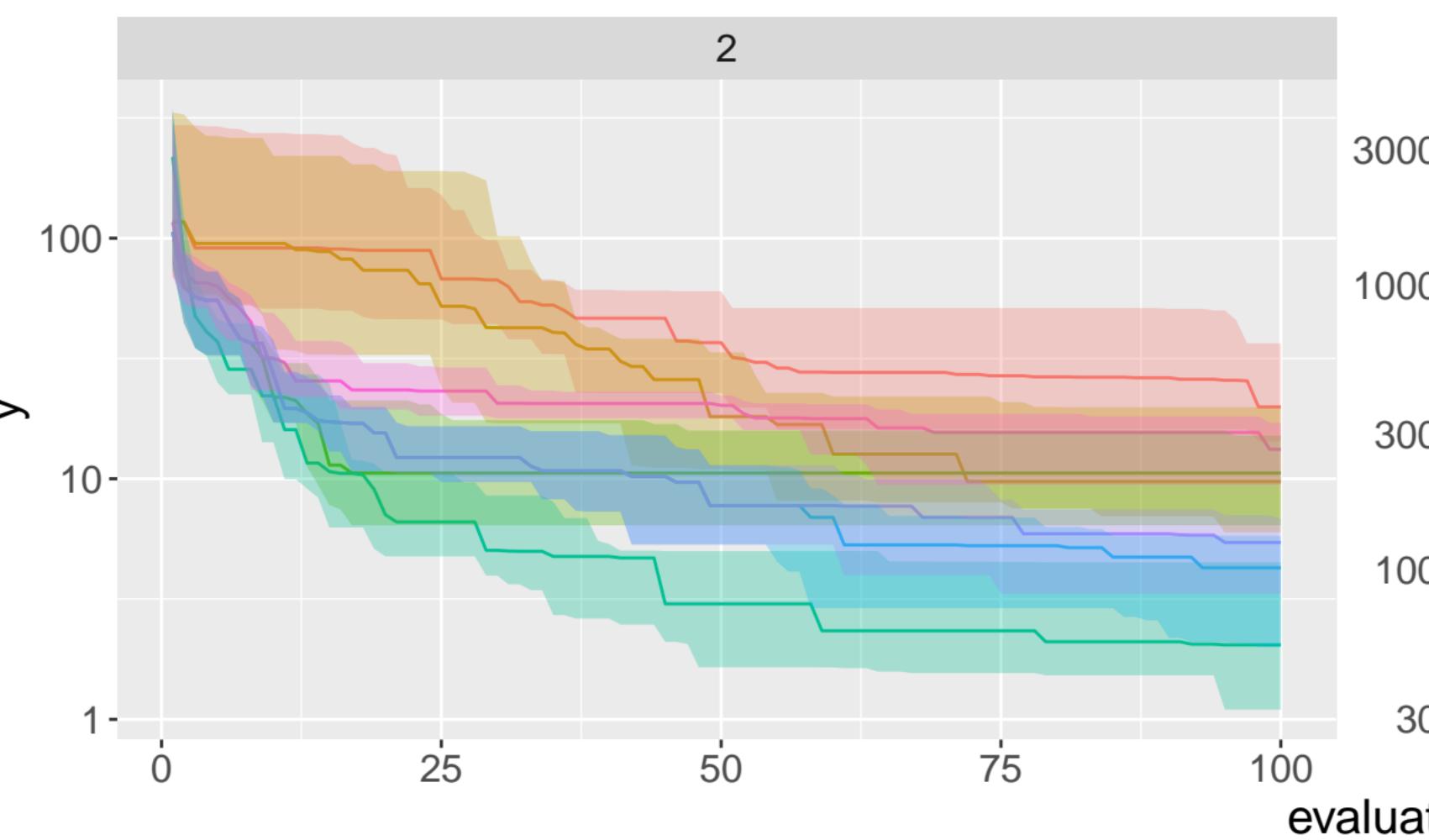
FunID: 3 – BatchSize: 8



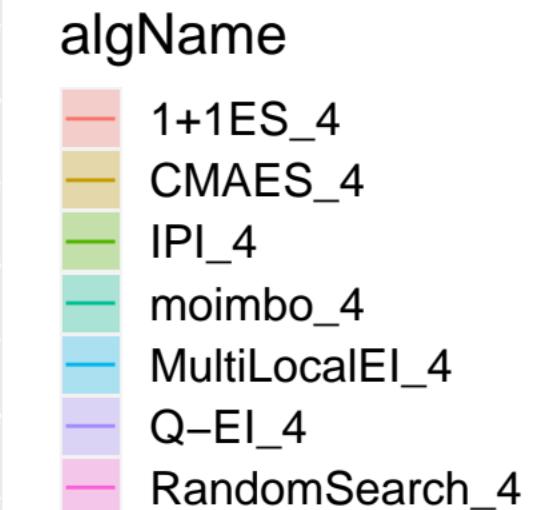
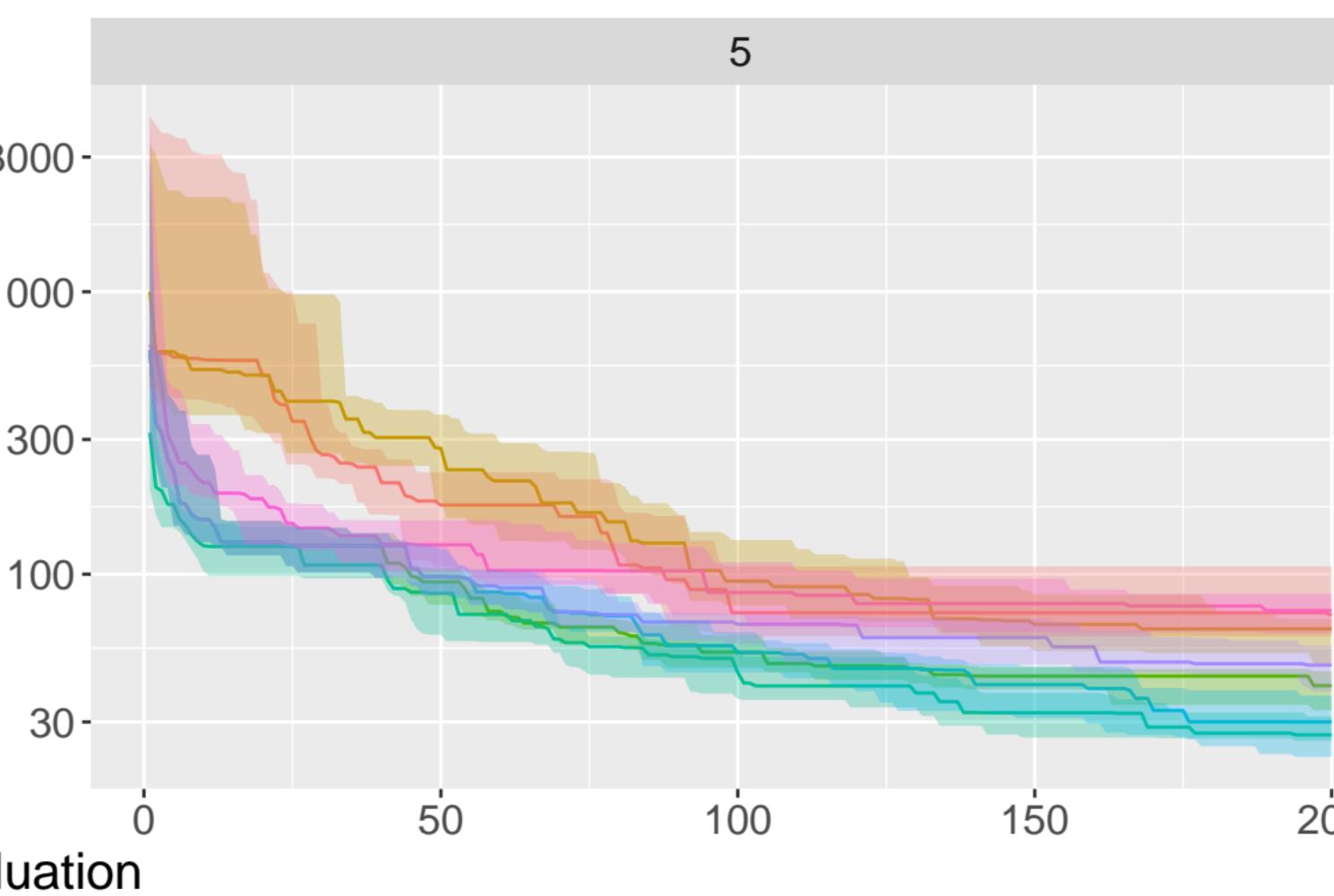
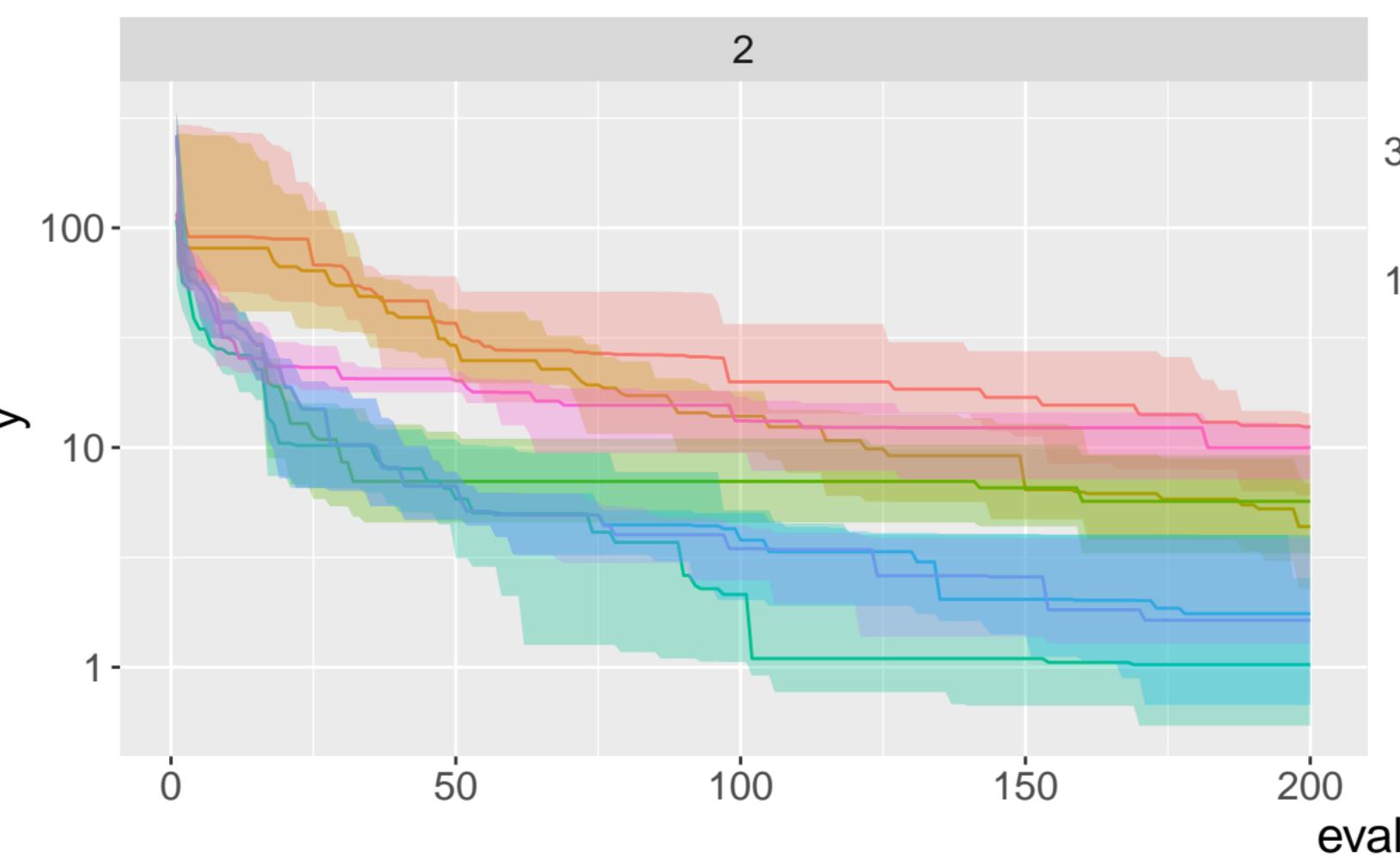
FunID: 4 – BatchSize: 16



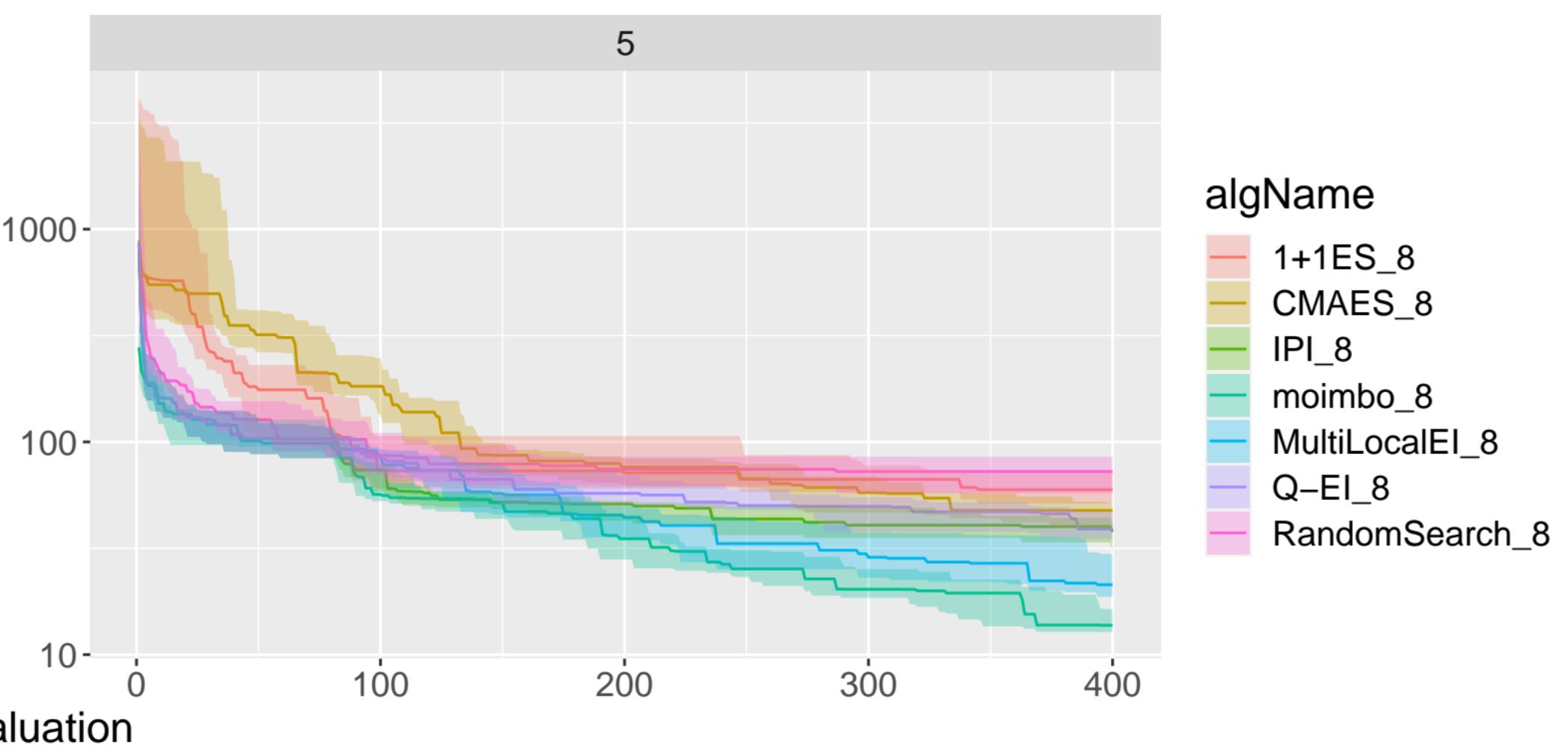
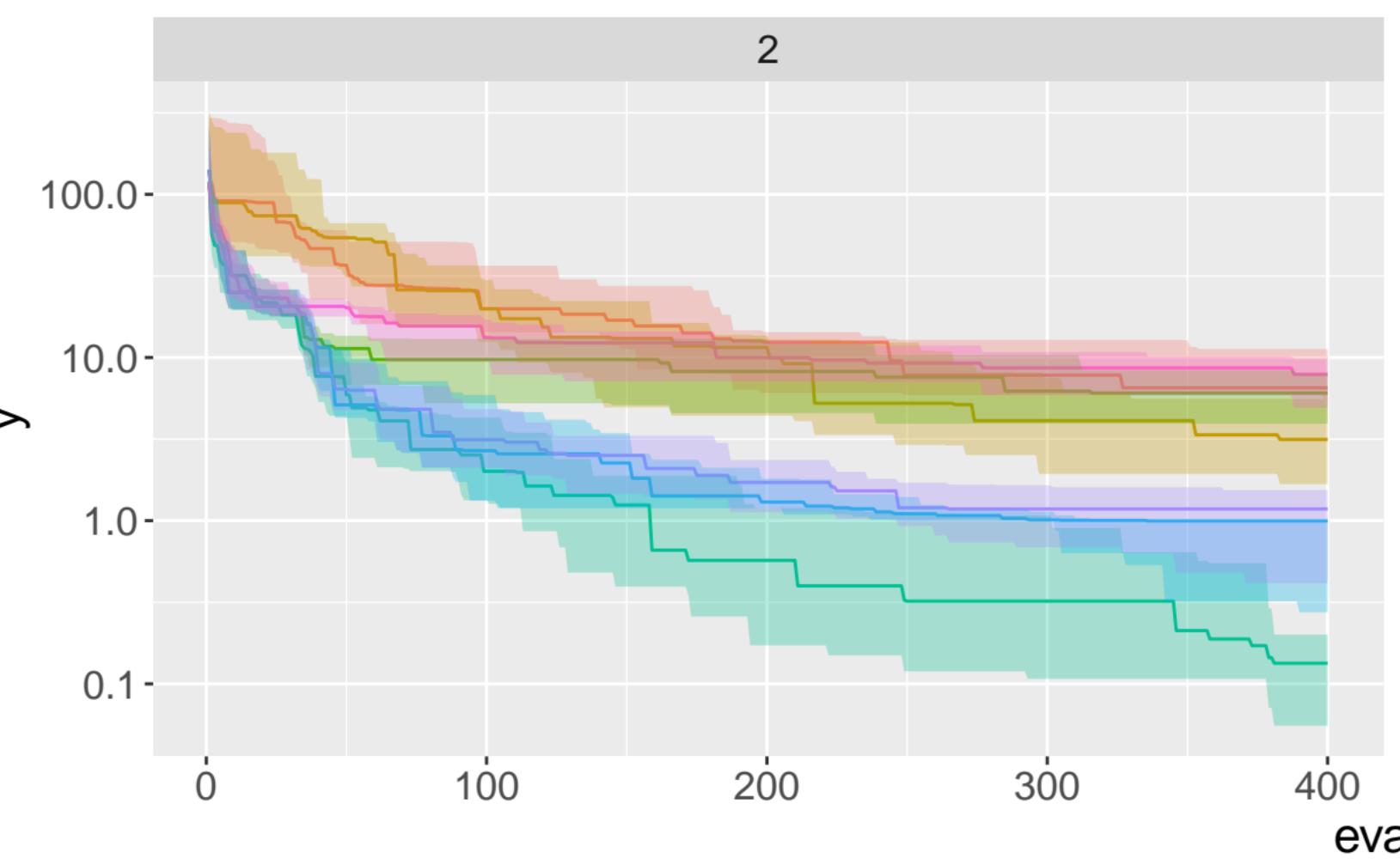
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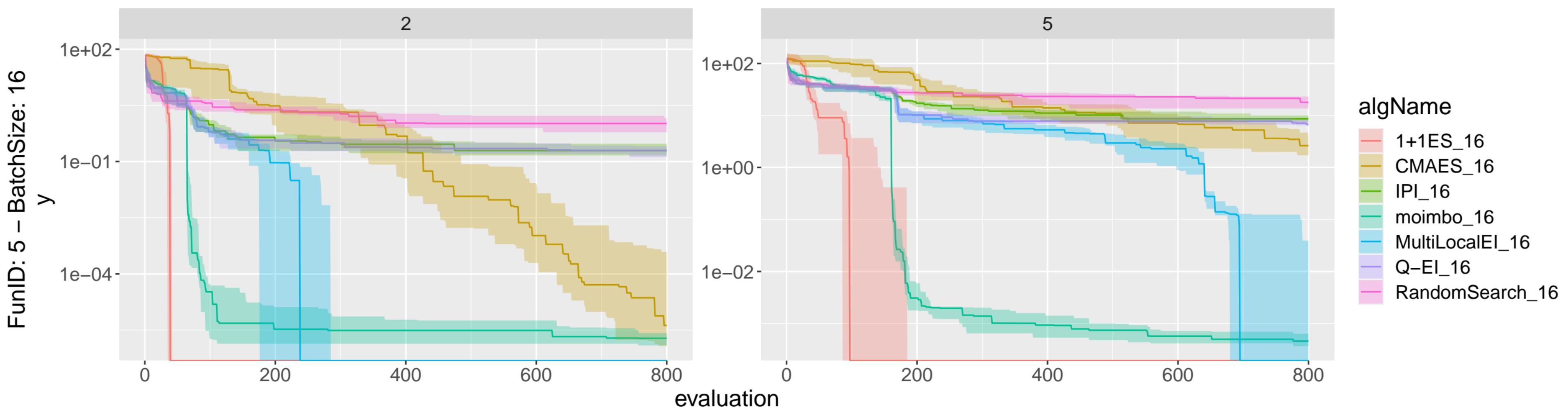


FunID: 4 – BatchSize: 4

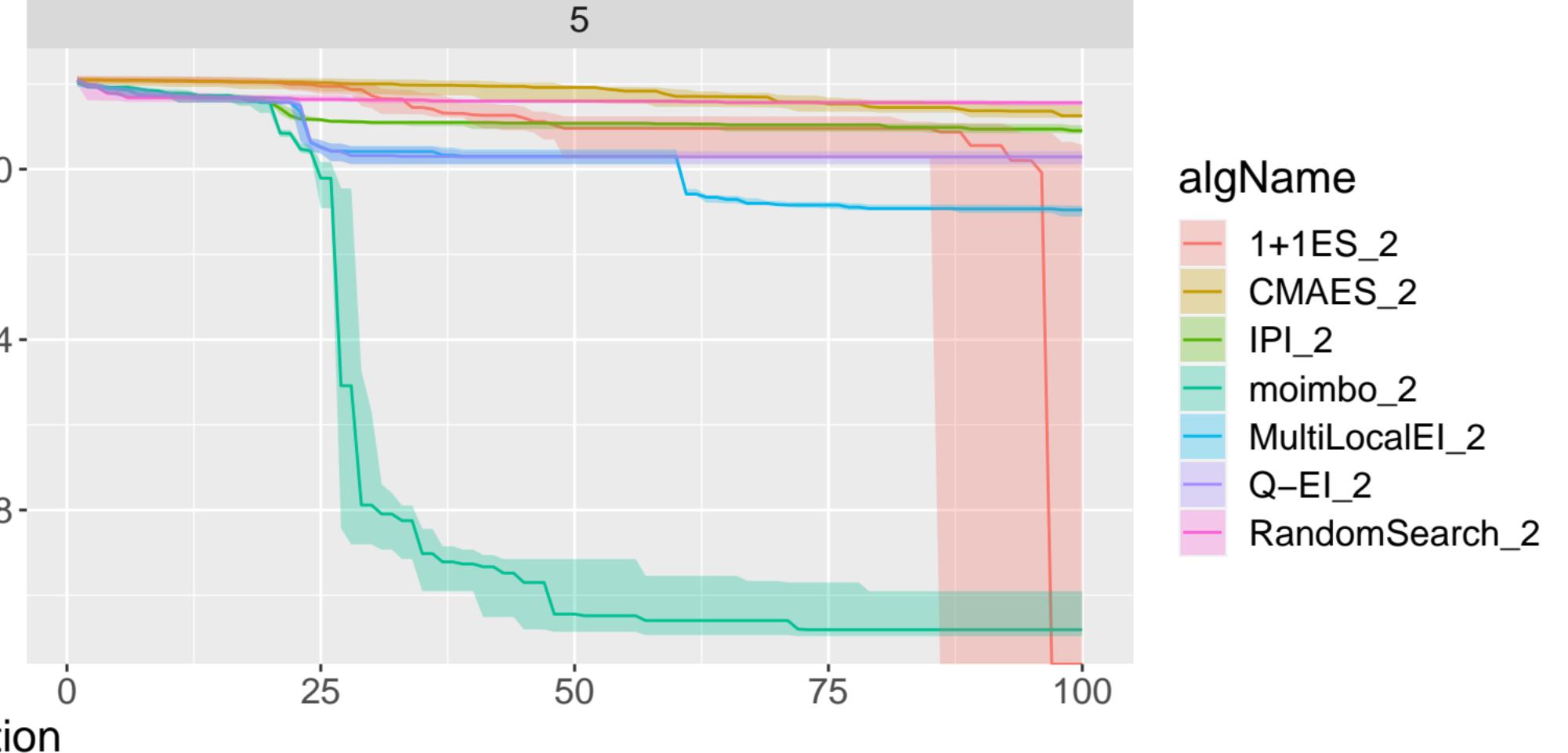
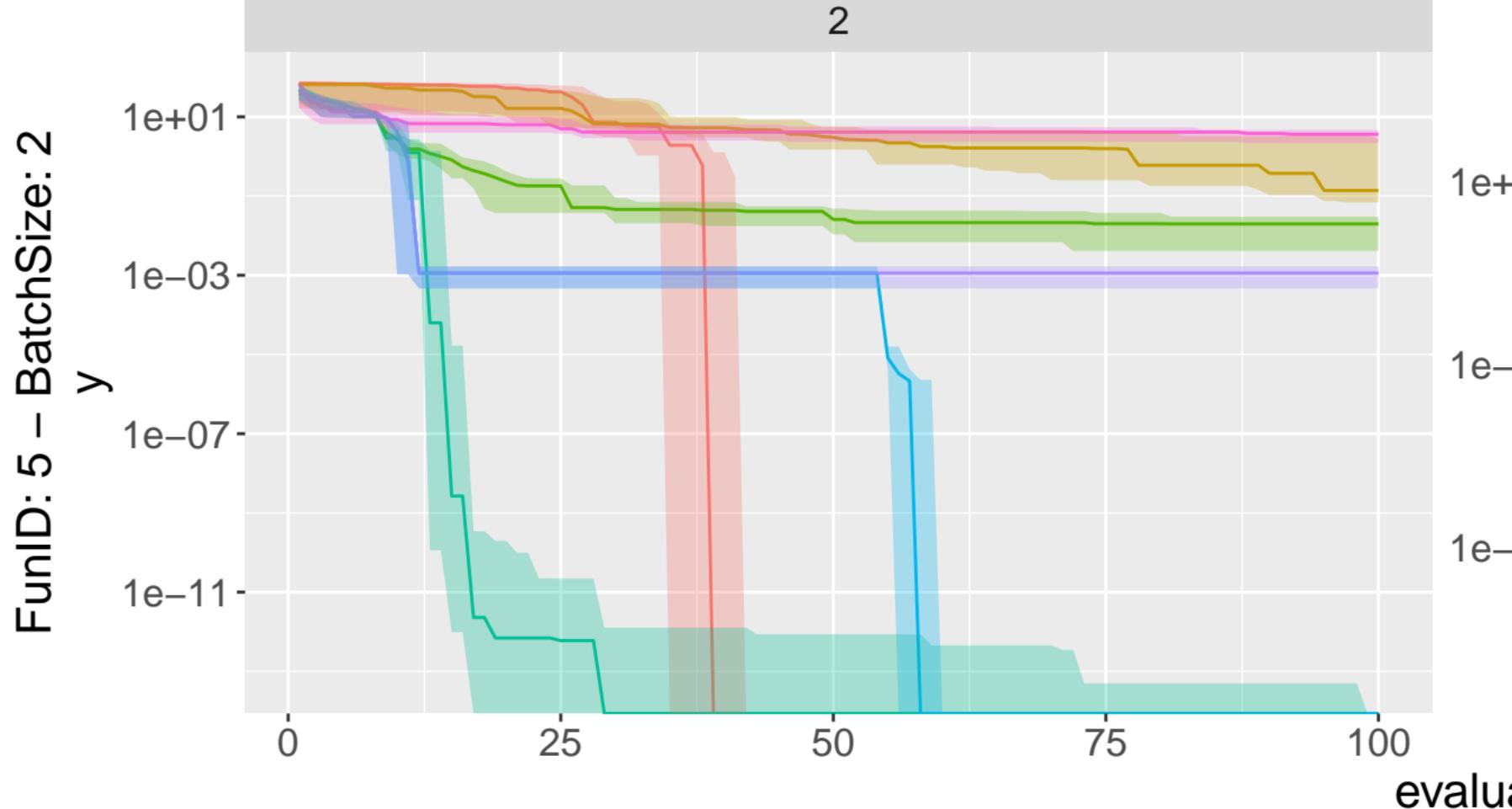


FunID: 4 – BatchSize: 8





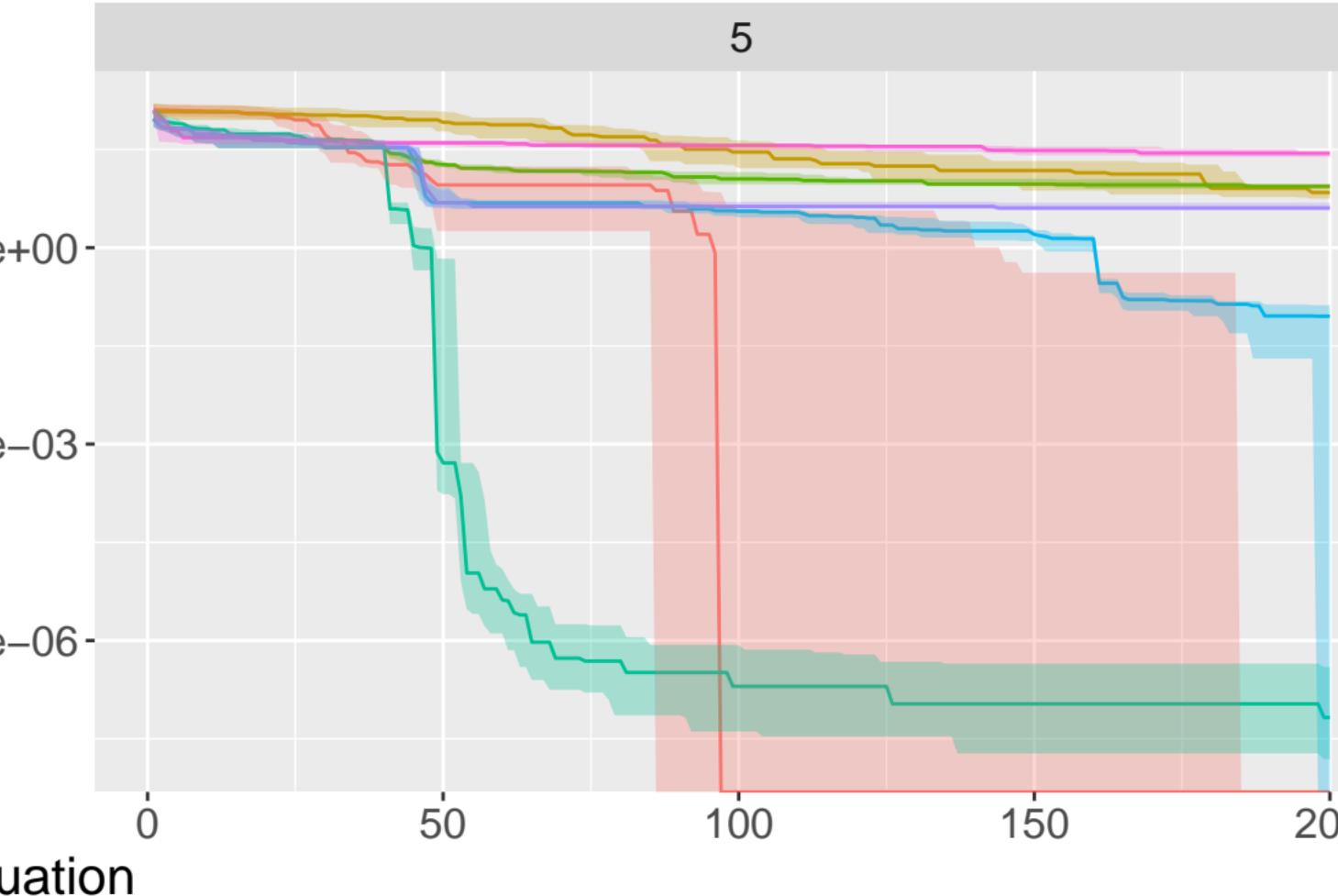
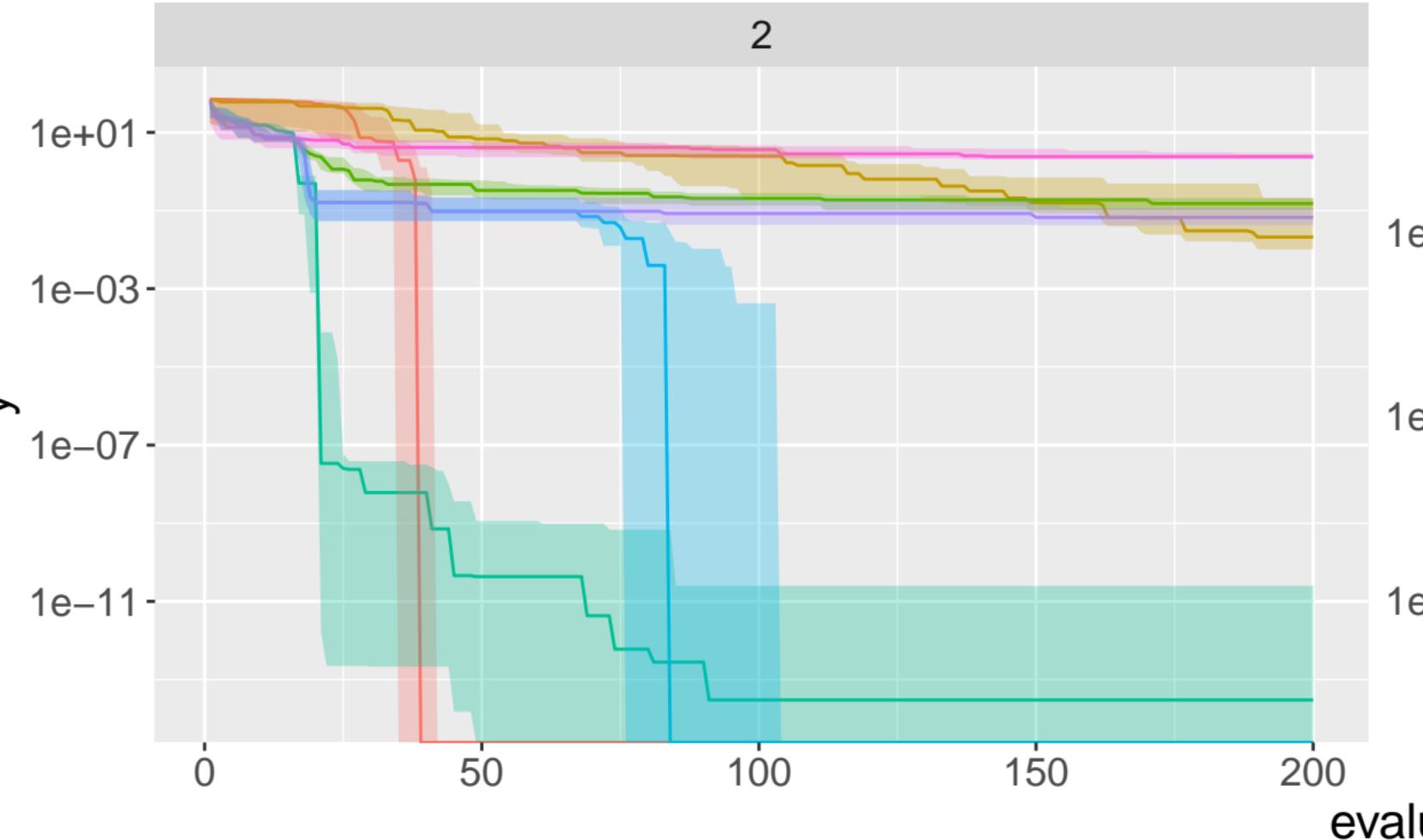
FunID: 5 – BatchSize: 2

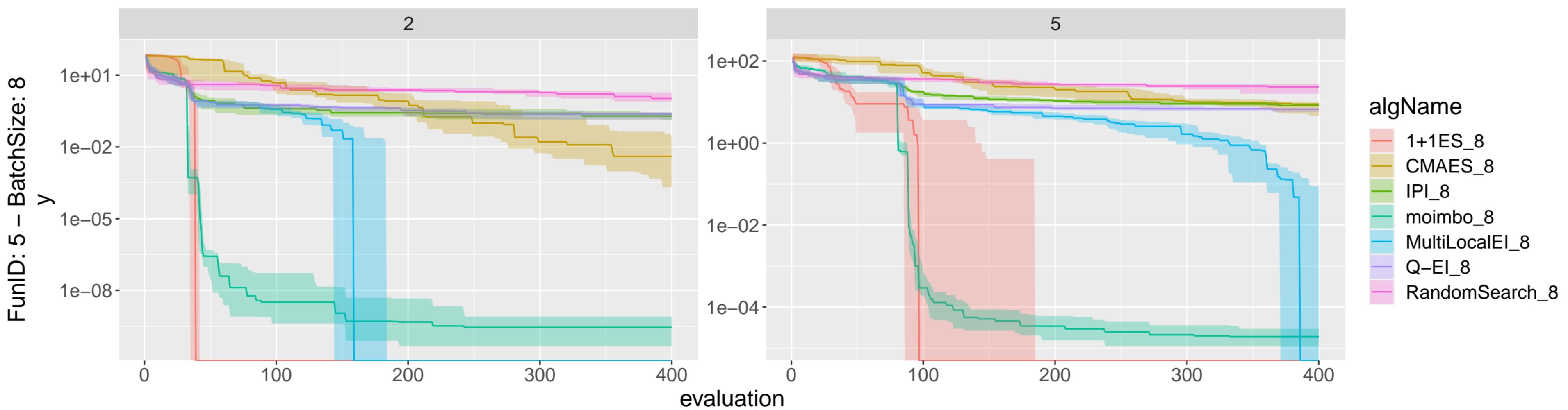


algName

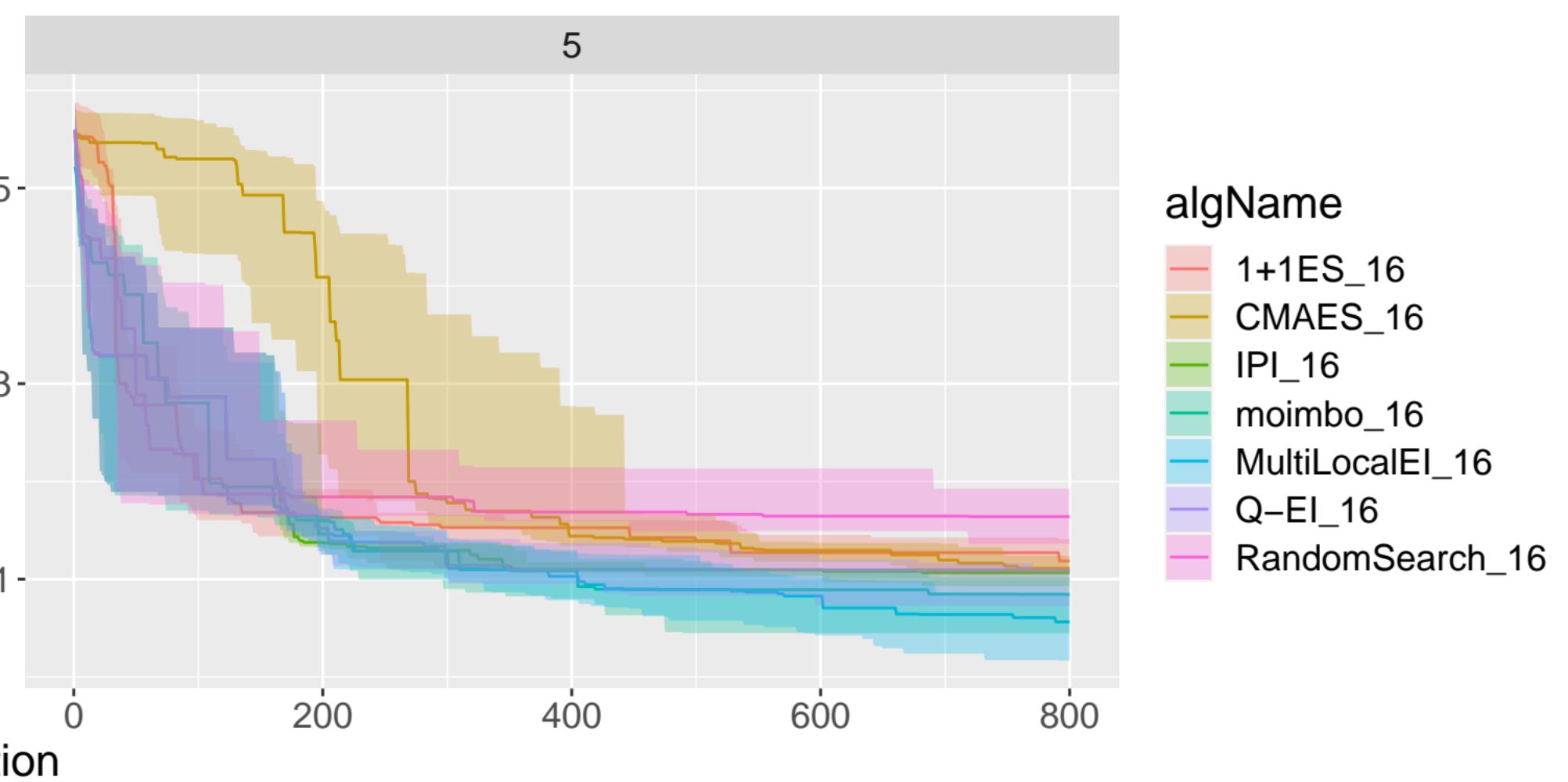
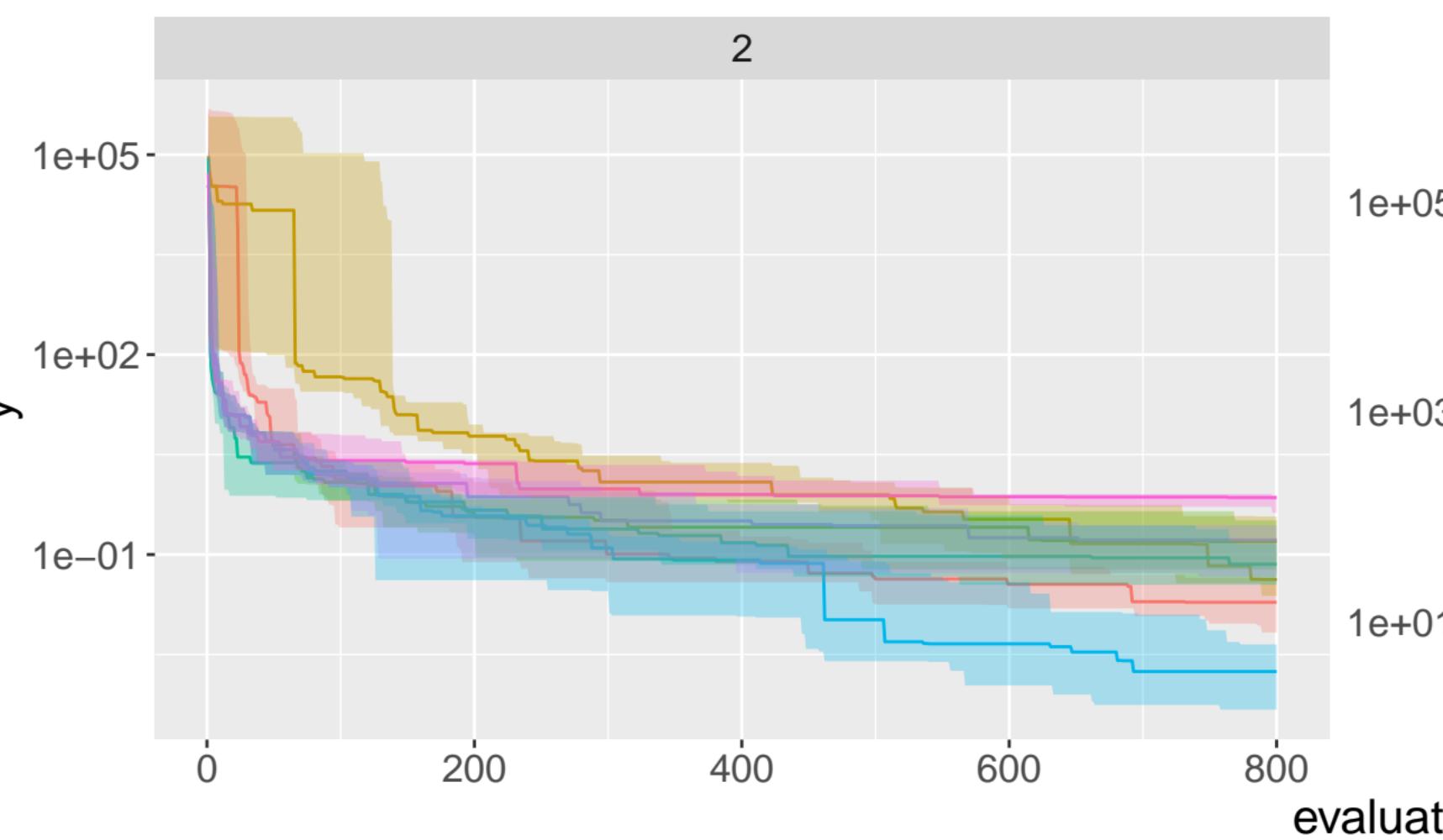
- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

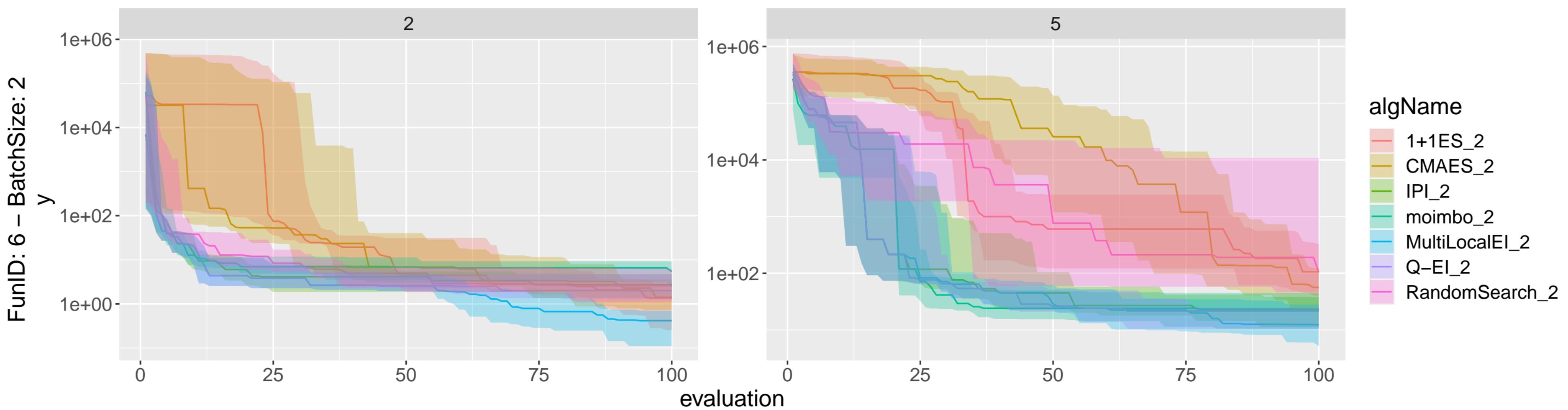
FunID: 5 – BatchSize: 4



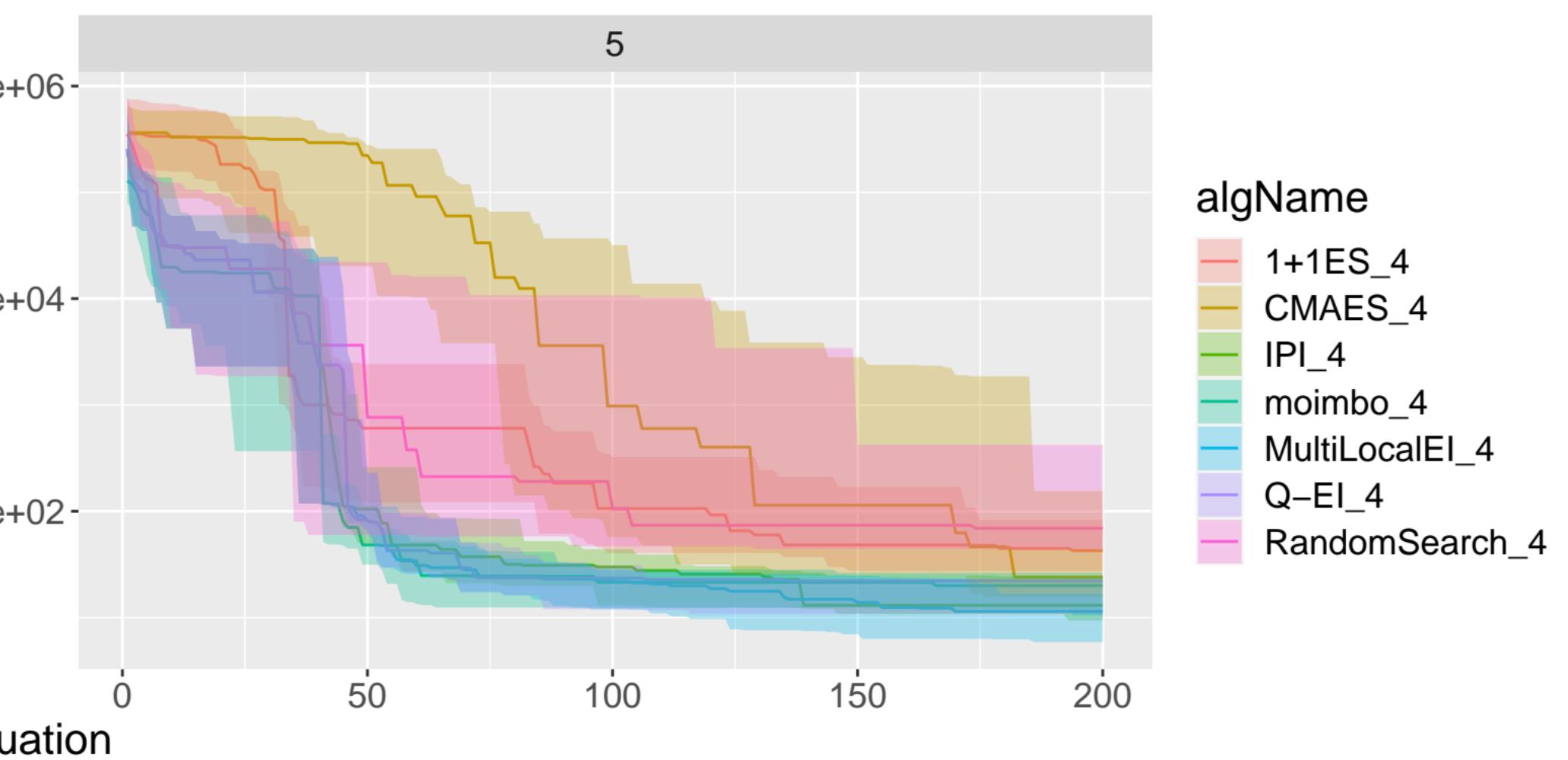
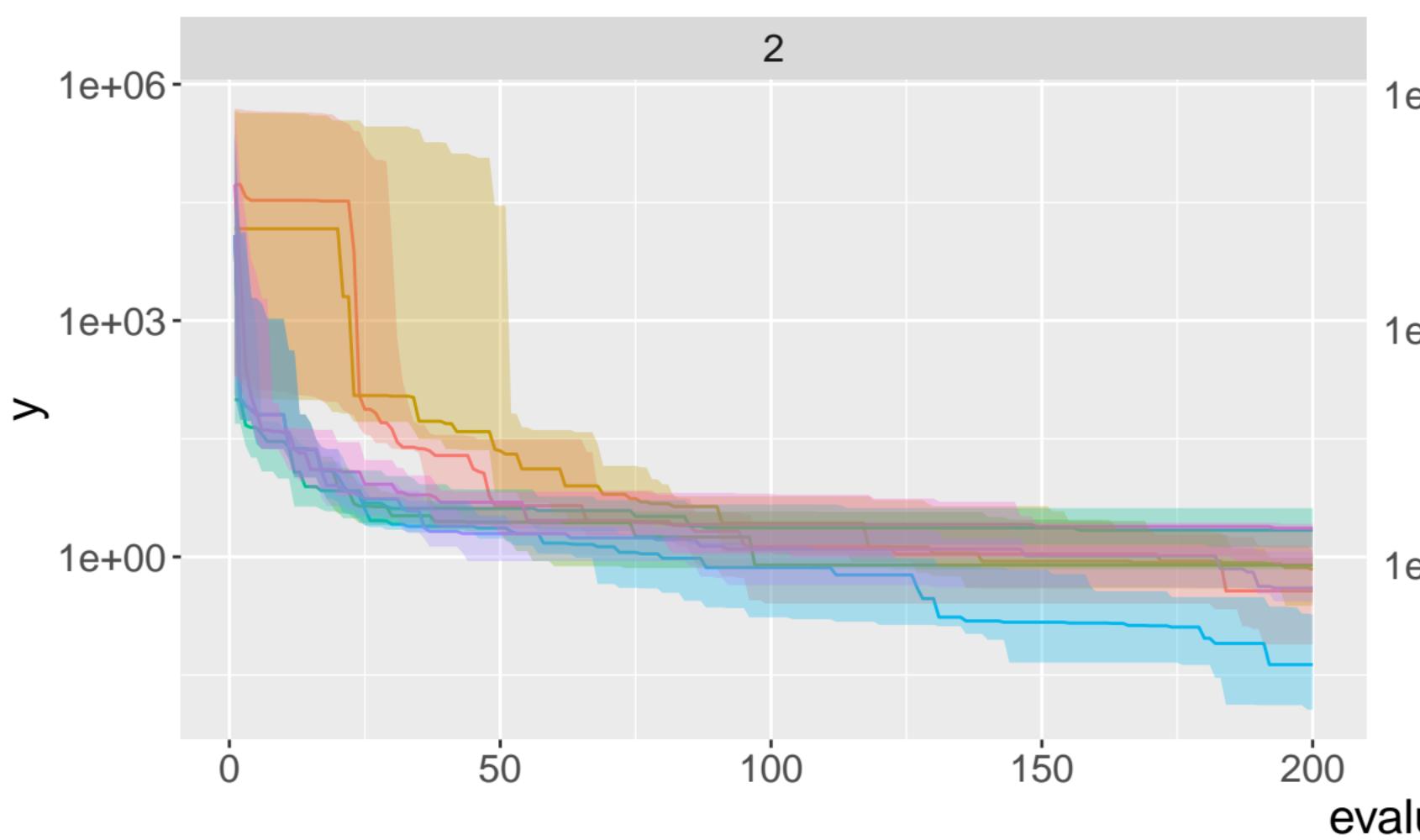


FunID: 6 – BatchSize: 16

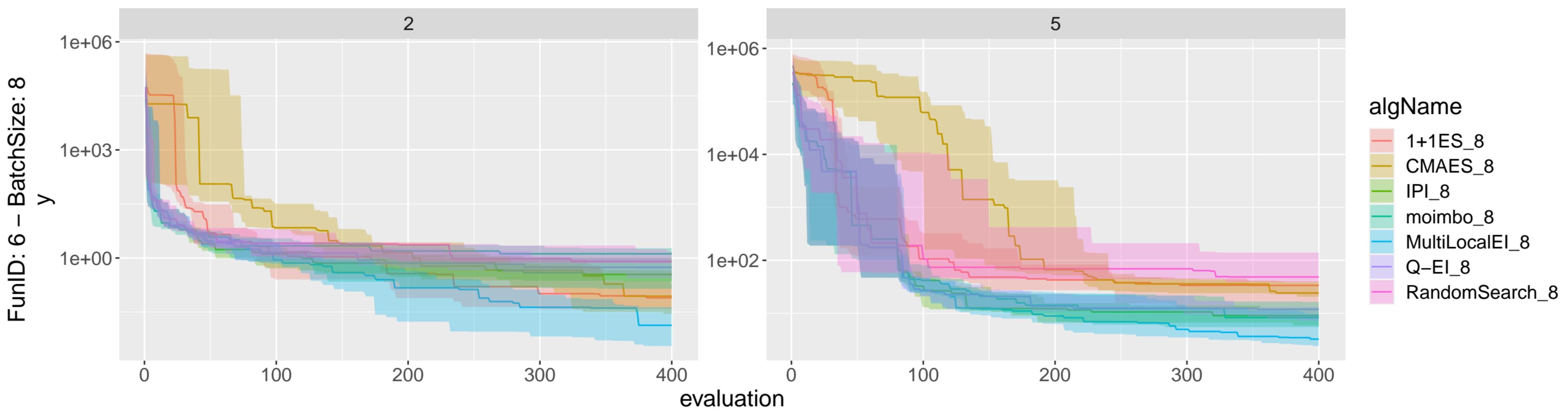




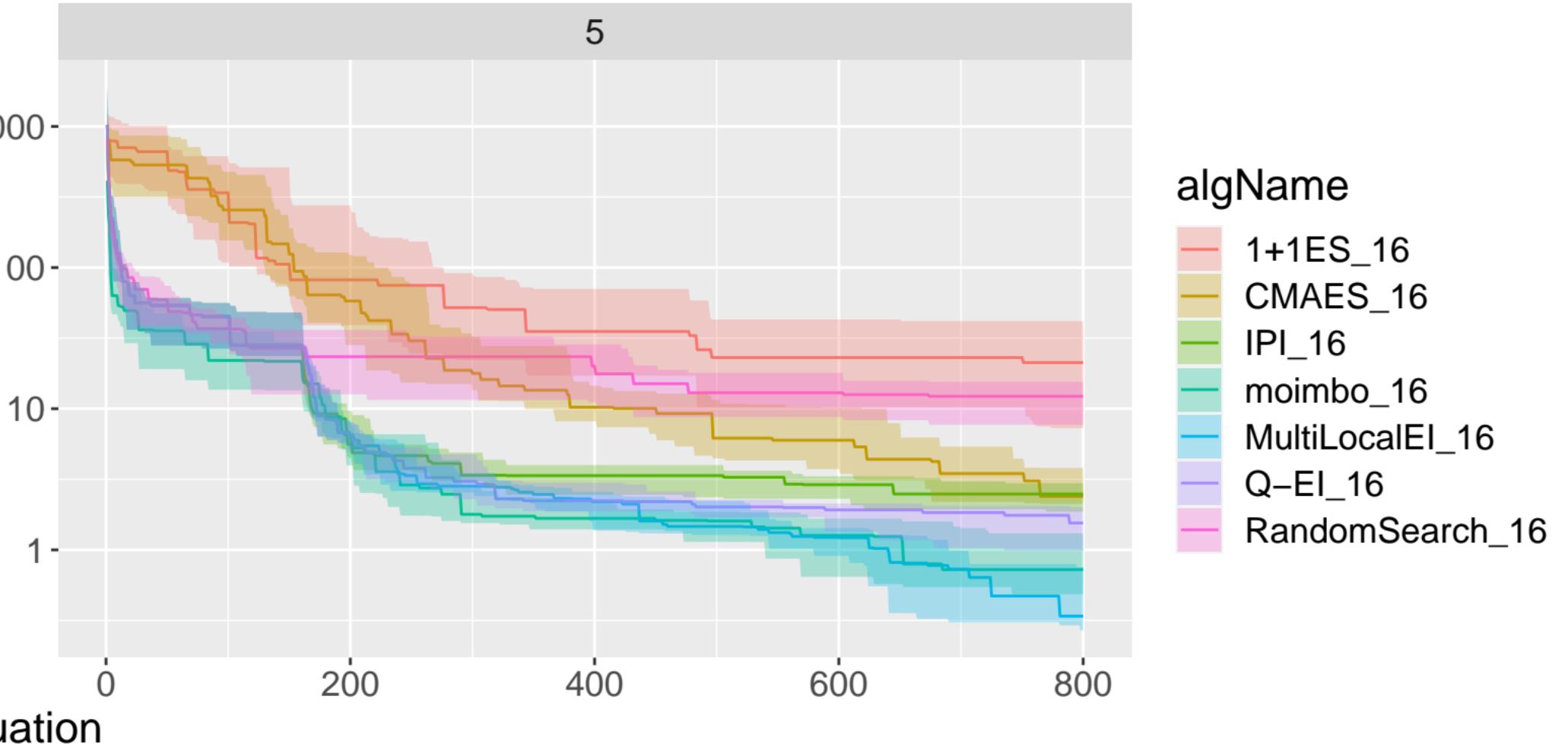
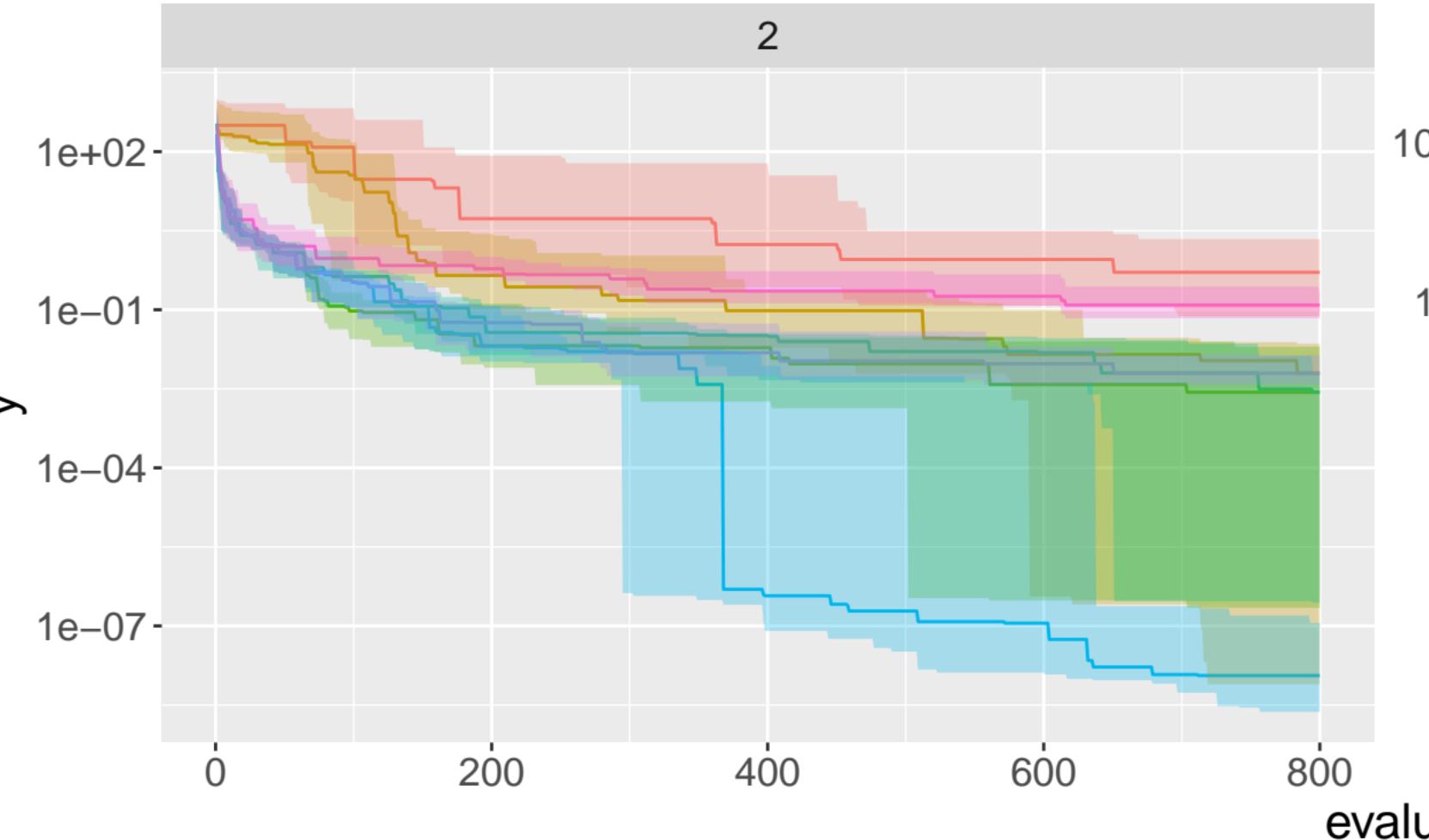
FunID: 6 – BatchSize: 4



- algName
- 1+1ES\_4
  - CMAES\_4
  - IPI\_4
  - moimbo\_4
  - MultiLocalEI\_4
  - Q-EI\_4
  - RandomSearch\_4



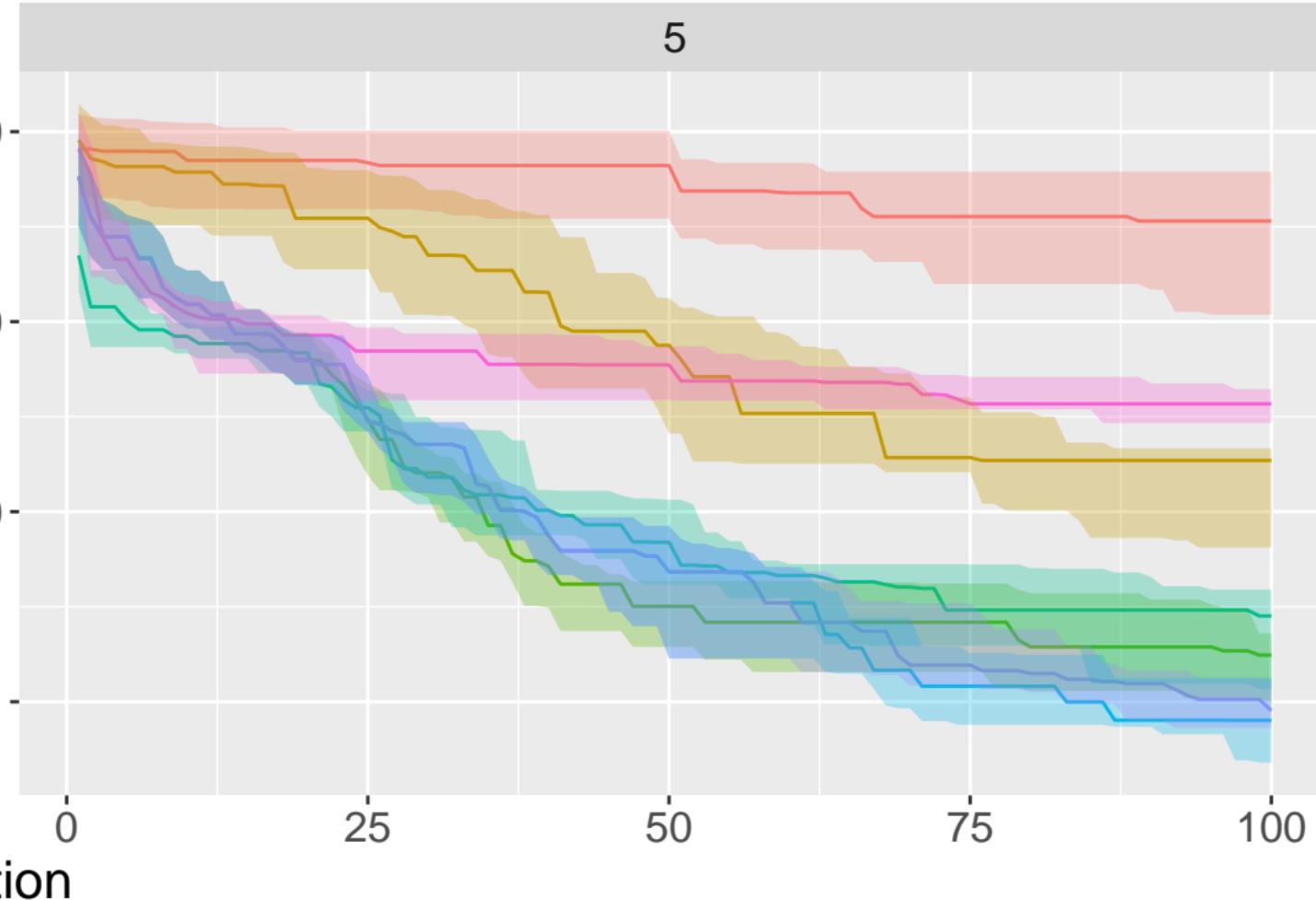
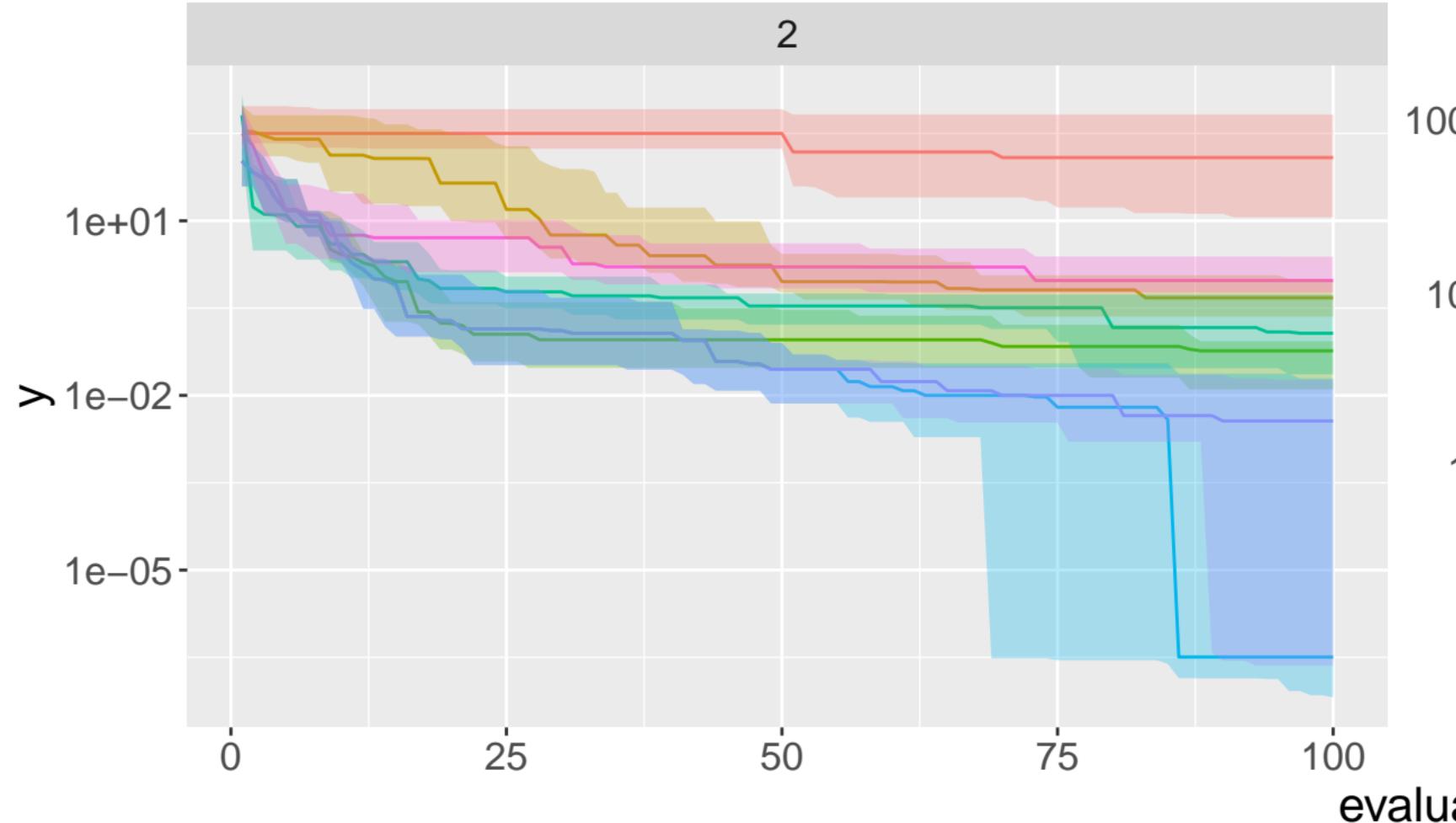
FunID: 7 – BatchSize: 16



algName

- 1+1ES\_16
- CMAES\_16
- IPI\_16
- moimbo\_16
- MultiLocalEI\_16
- Q-EI\_16
- RandomSearch\_16

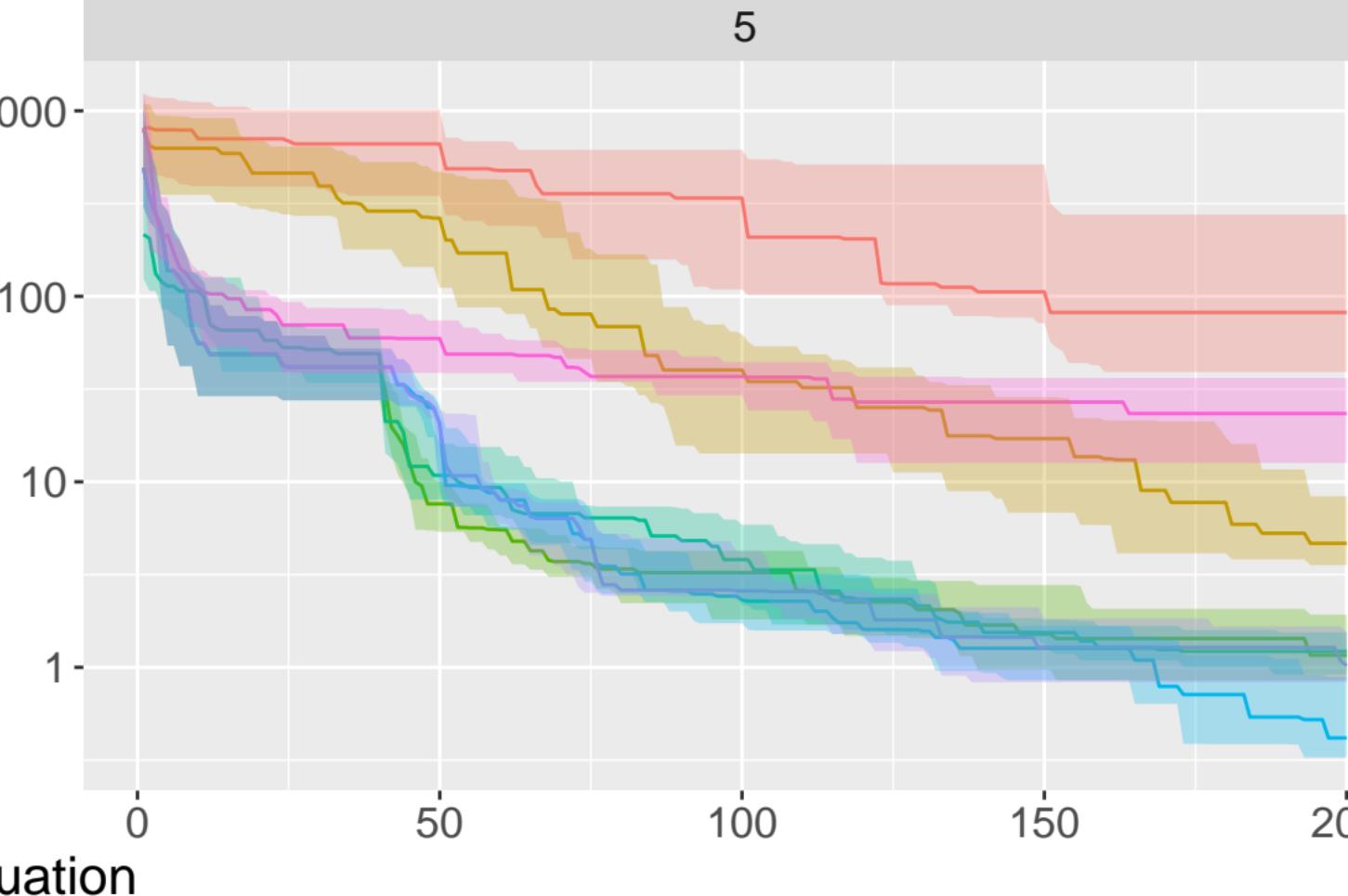
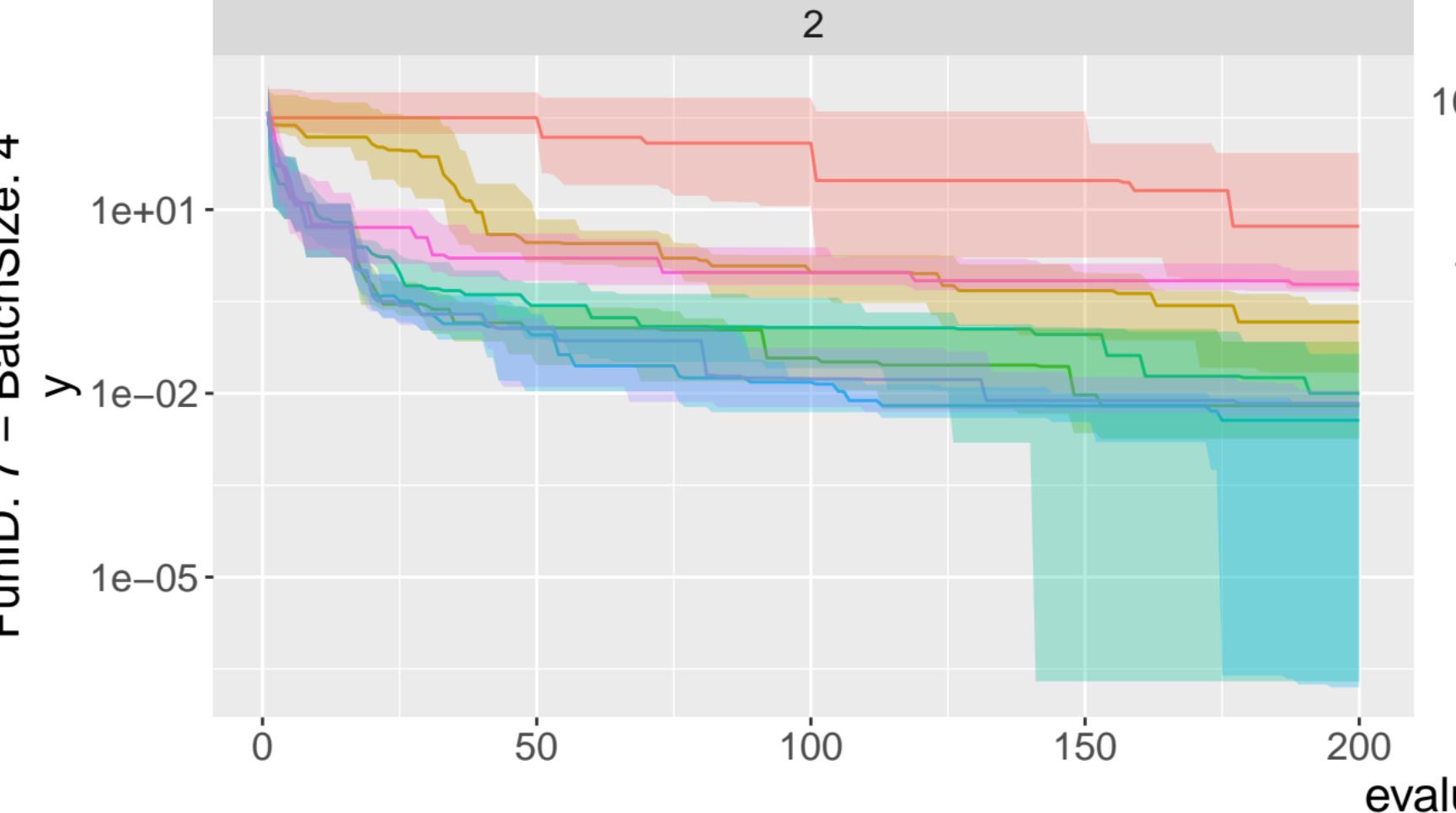
FunID: 7 – BatchSize: 2



algName

- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

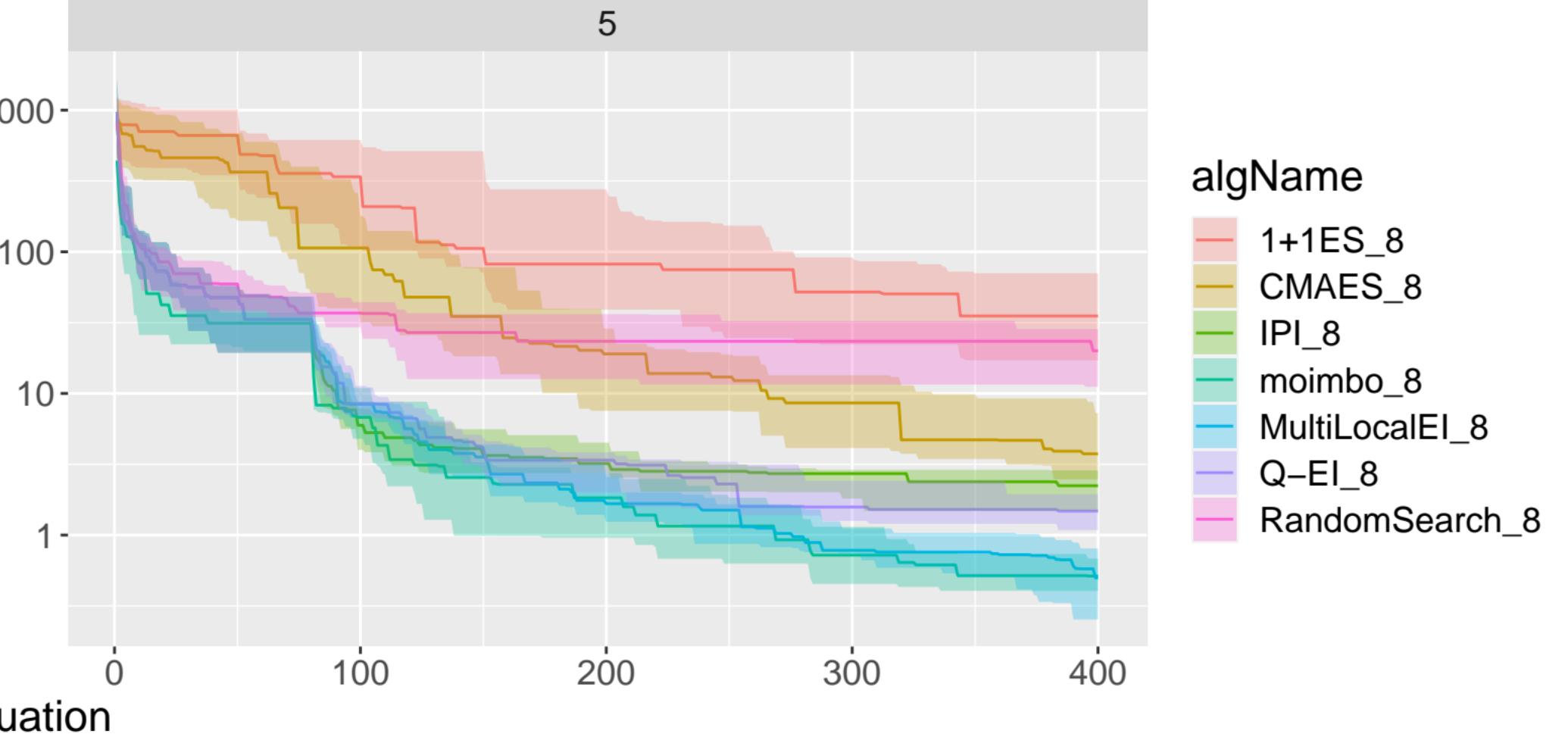
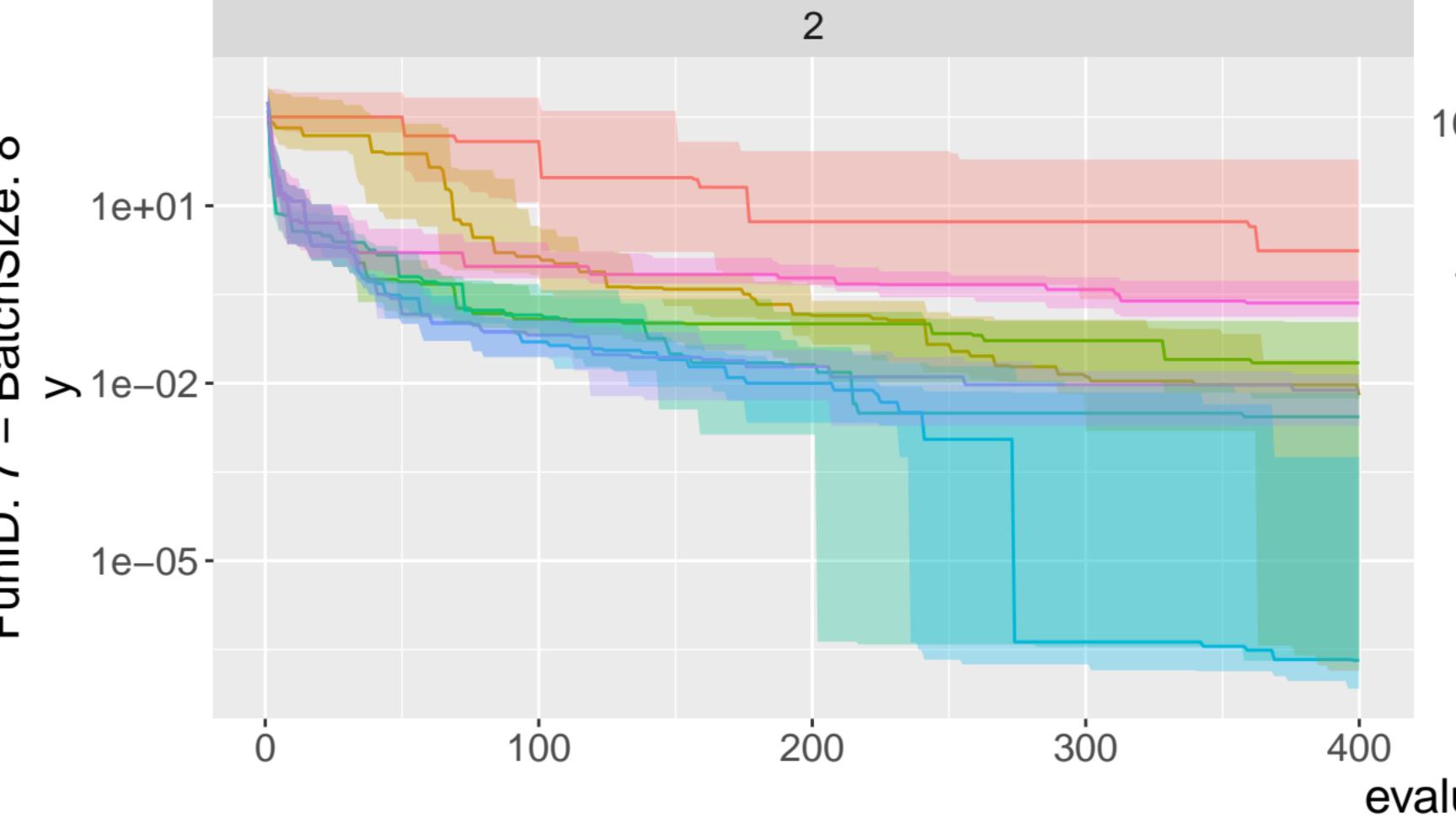
FunID: 7 – BatchSize: 4



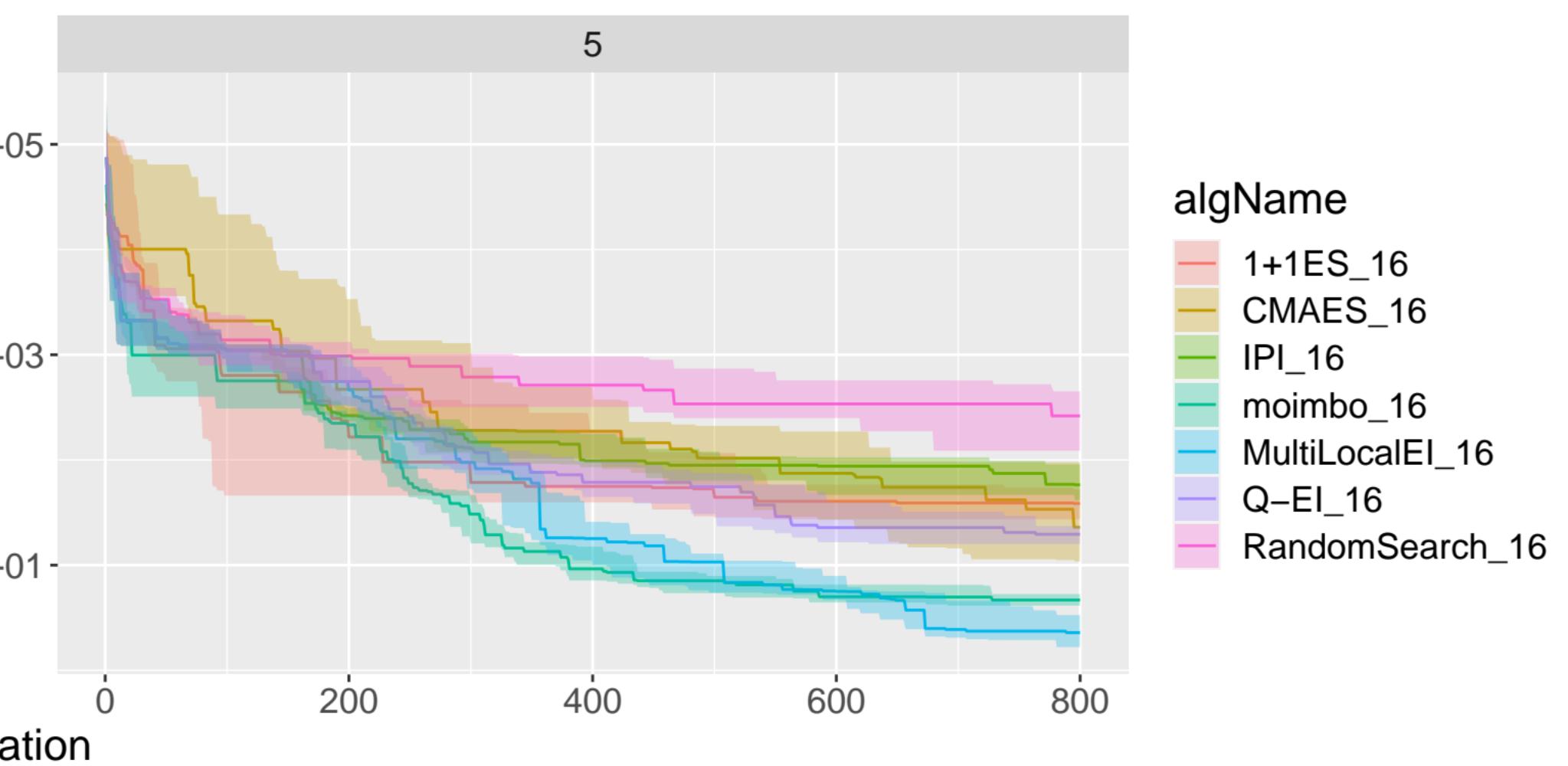
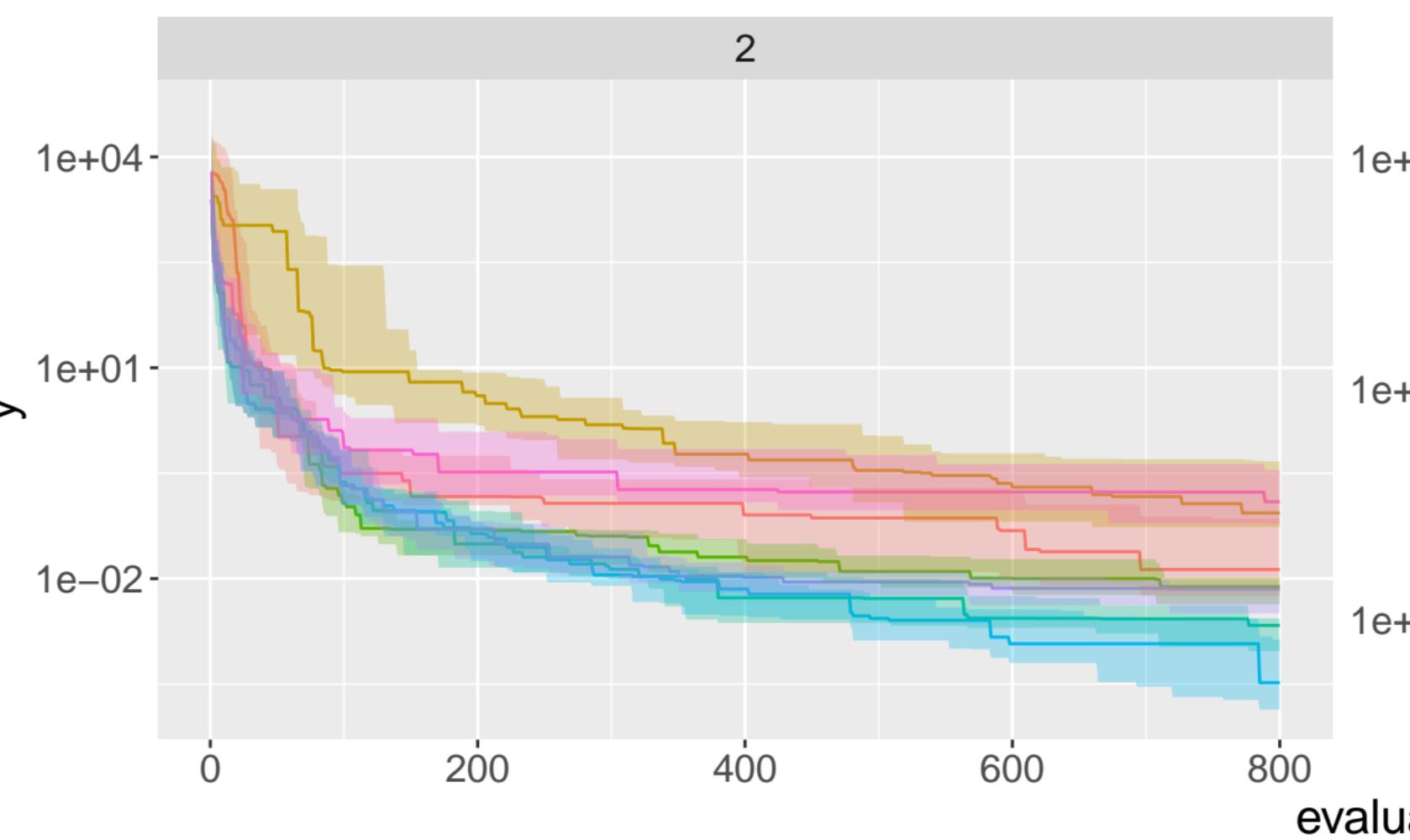
algName

1+1ES_4
CMAES_4
IPI_4
moimbo_4
MultiLocalEI_4
Q-EI_4
RandomSearch_4

FunID: 7 – BatchSize: 8



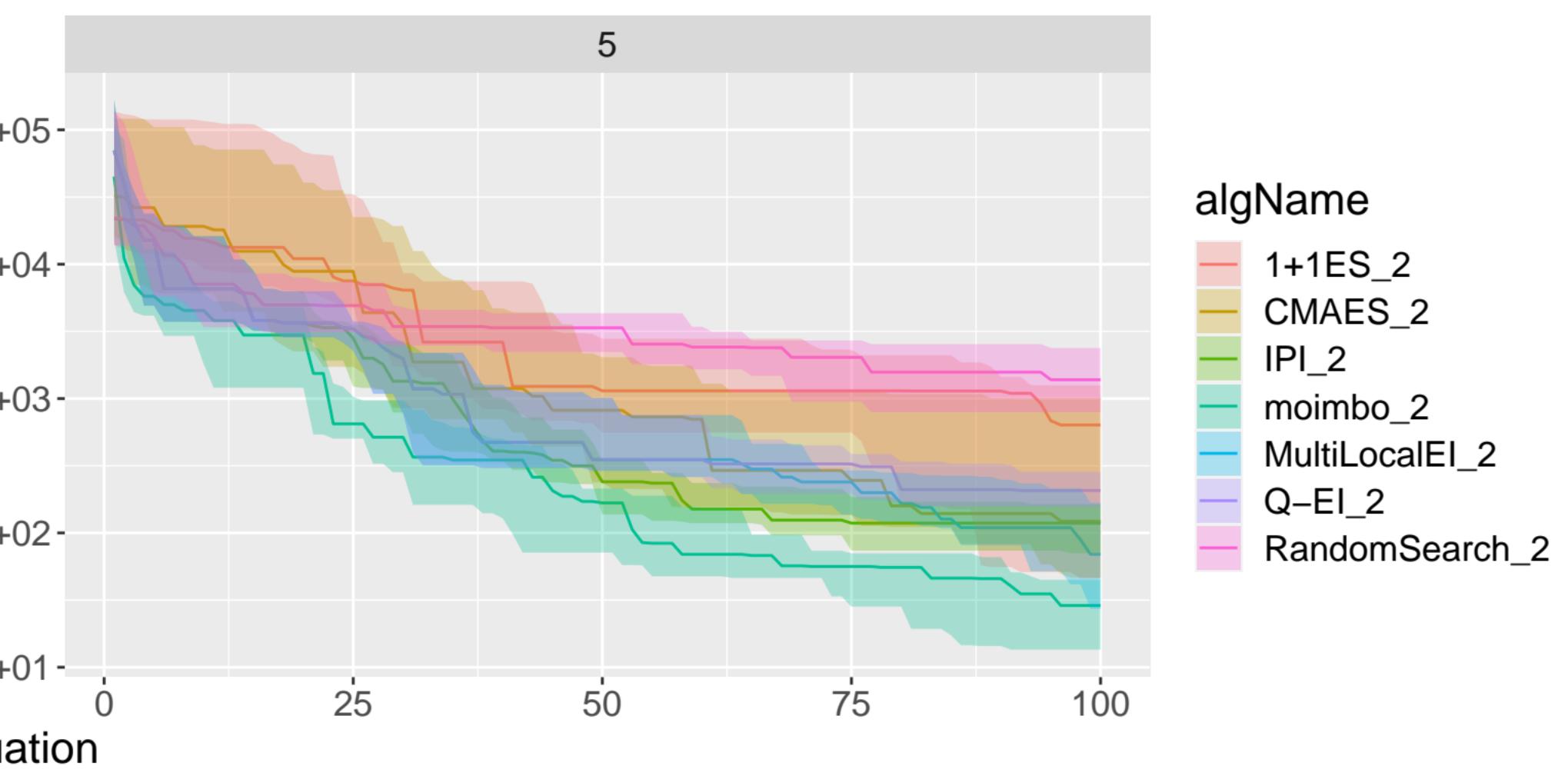
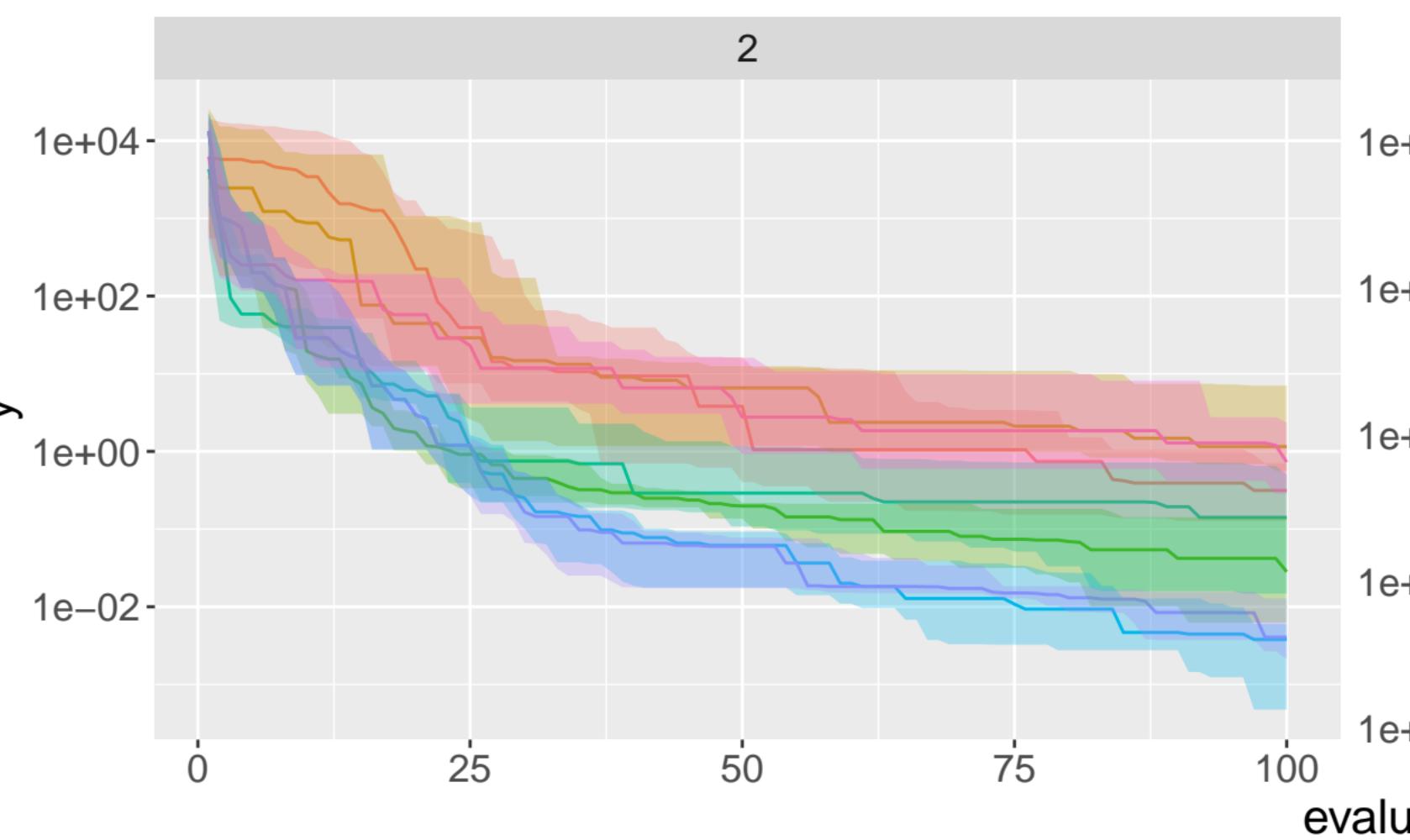
FunID: 8 – BatchSize: 16



algName

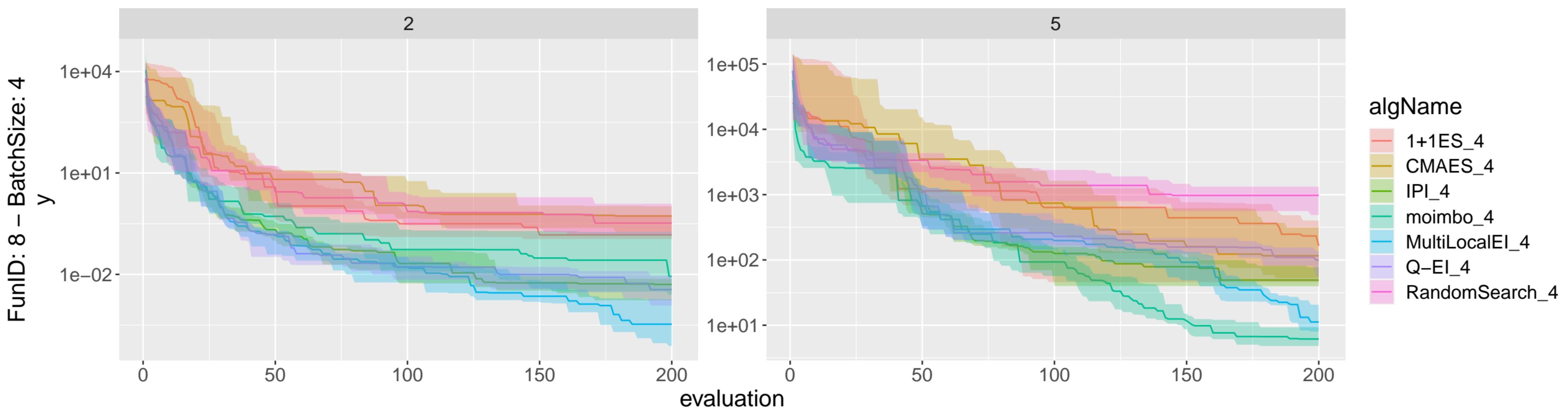
- 1+1ES\_16
- CMAES\_16
- IPI\_16
- moimbo\_16
- MultiLocalEI\_16
- Q-EI\_16
- RandomSearch\_16

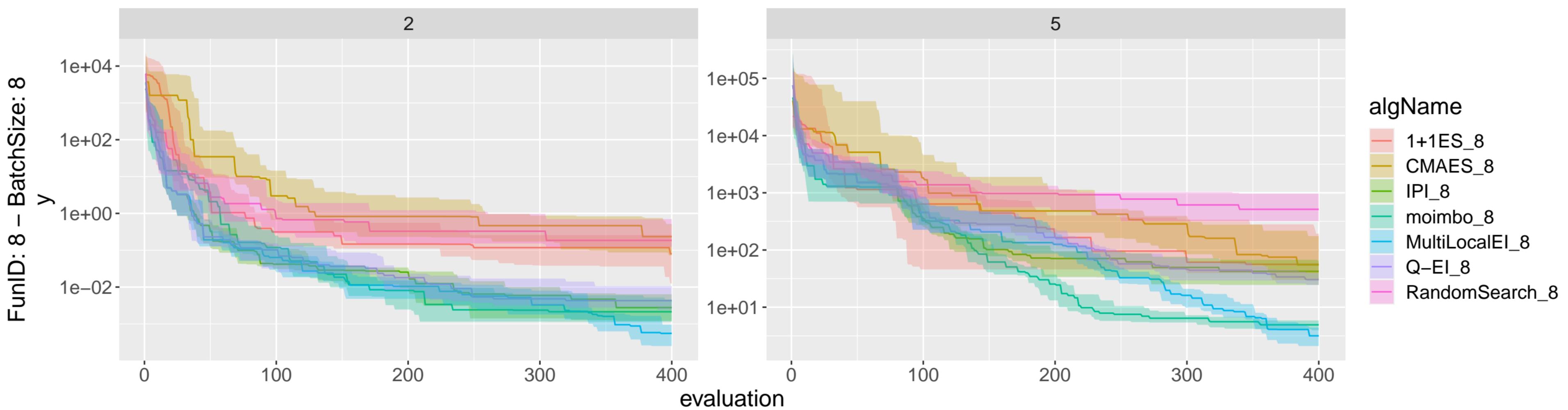
FunID: 8 – BatchSize: 2

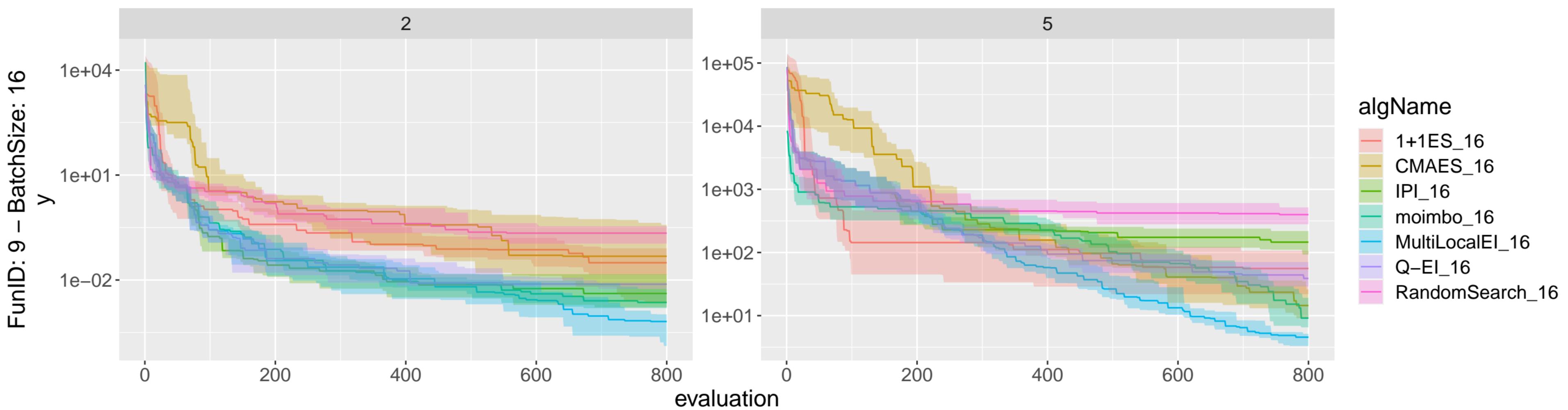


algName

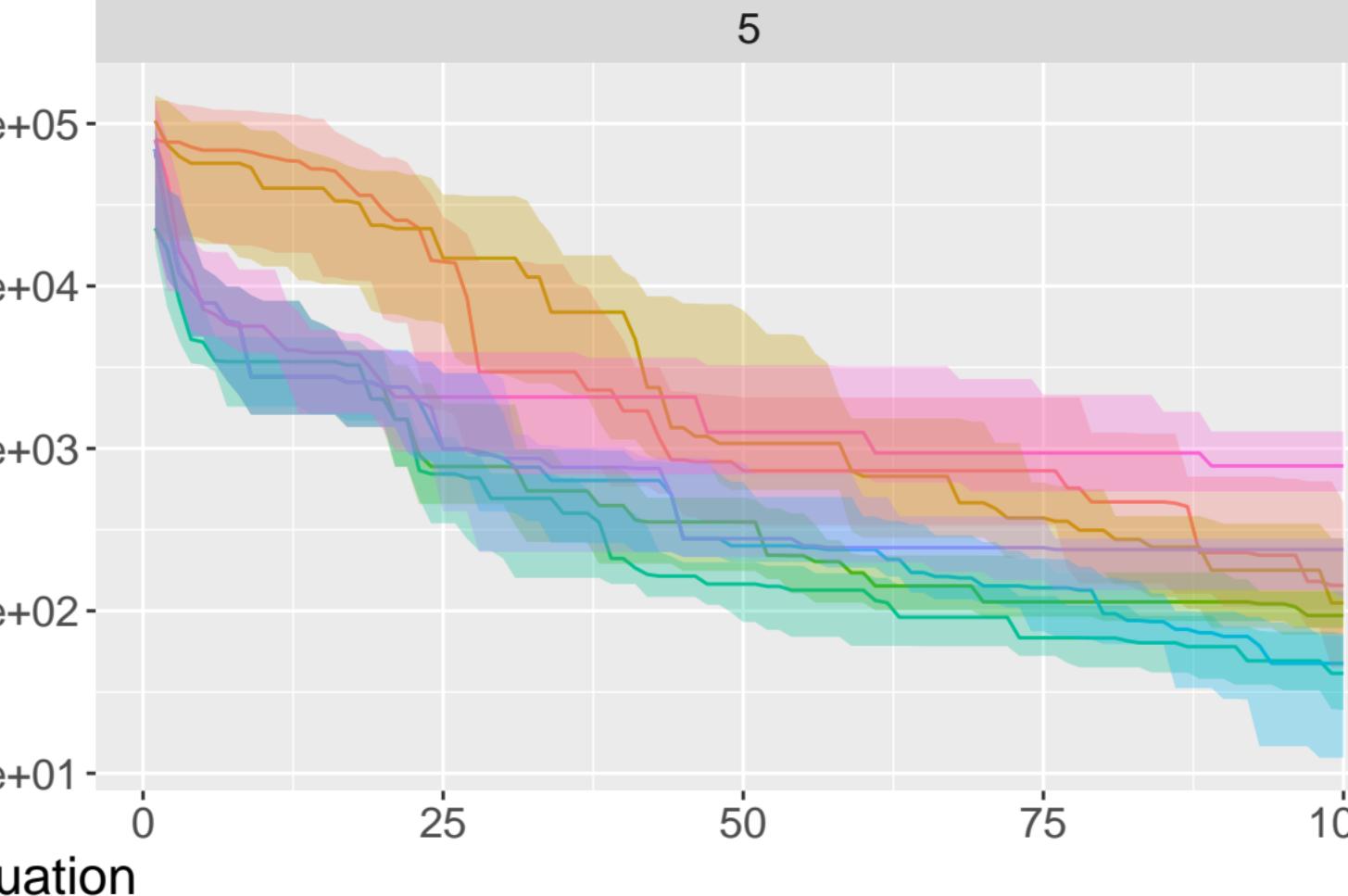
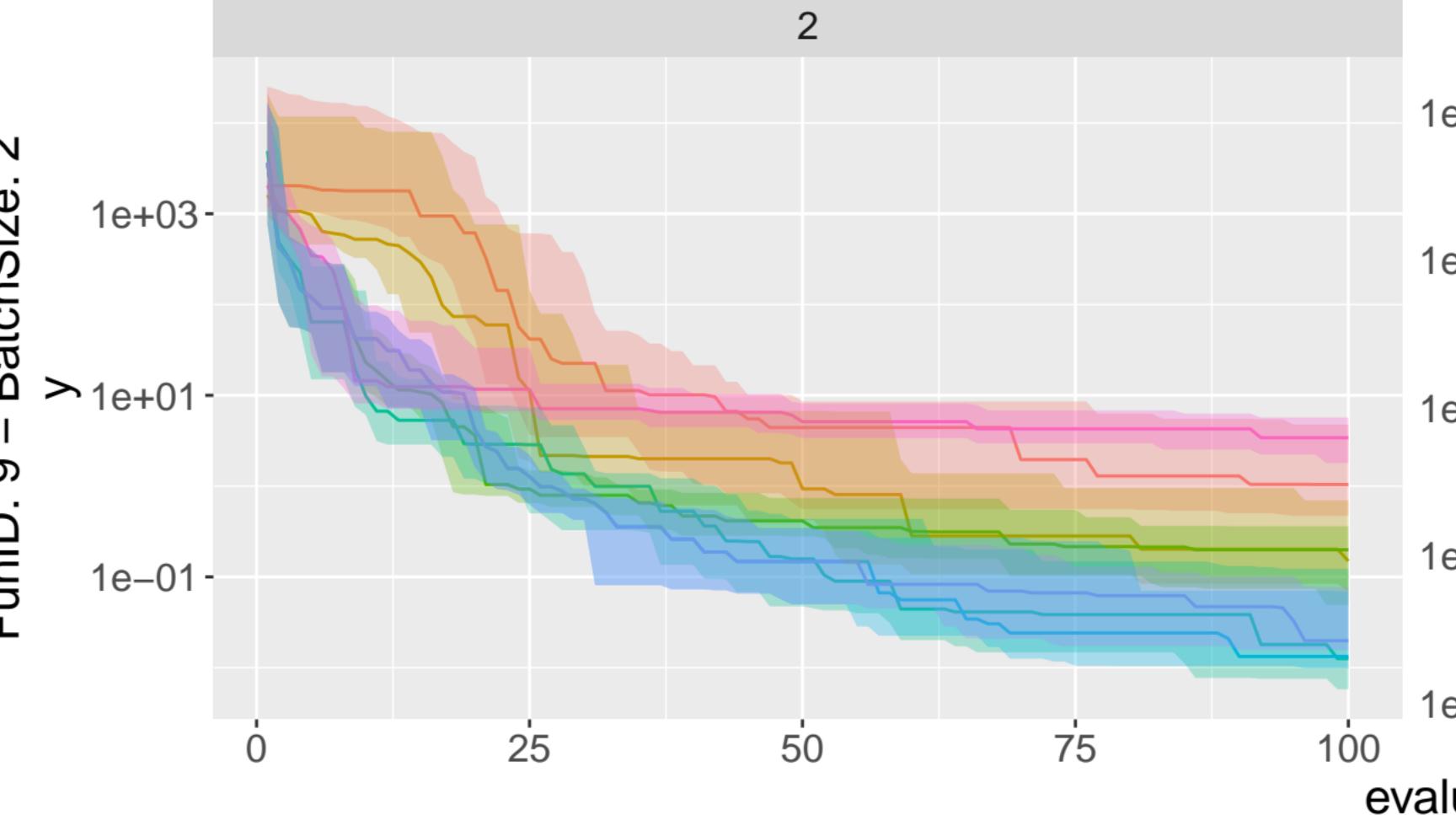
- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2







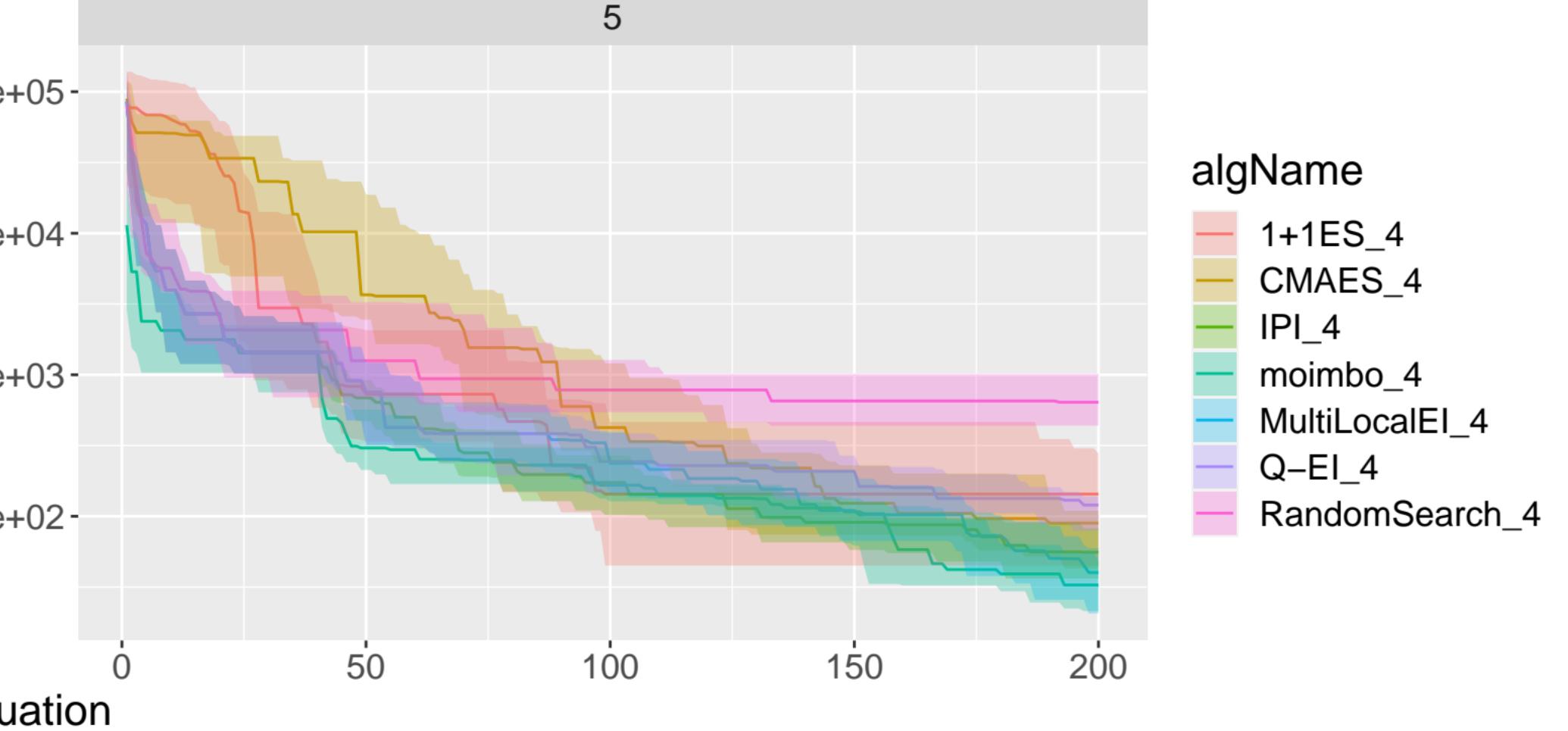
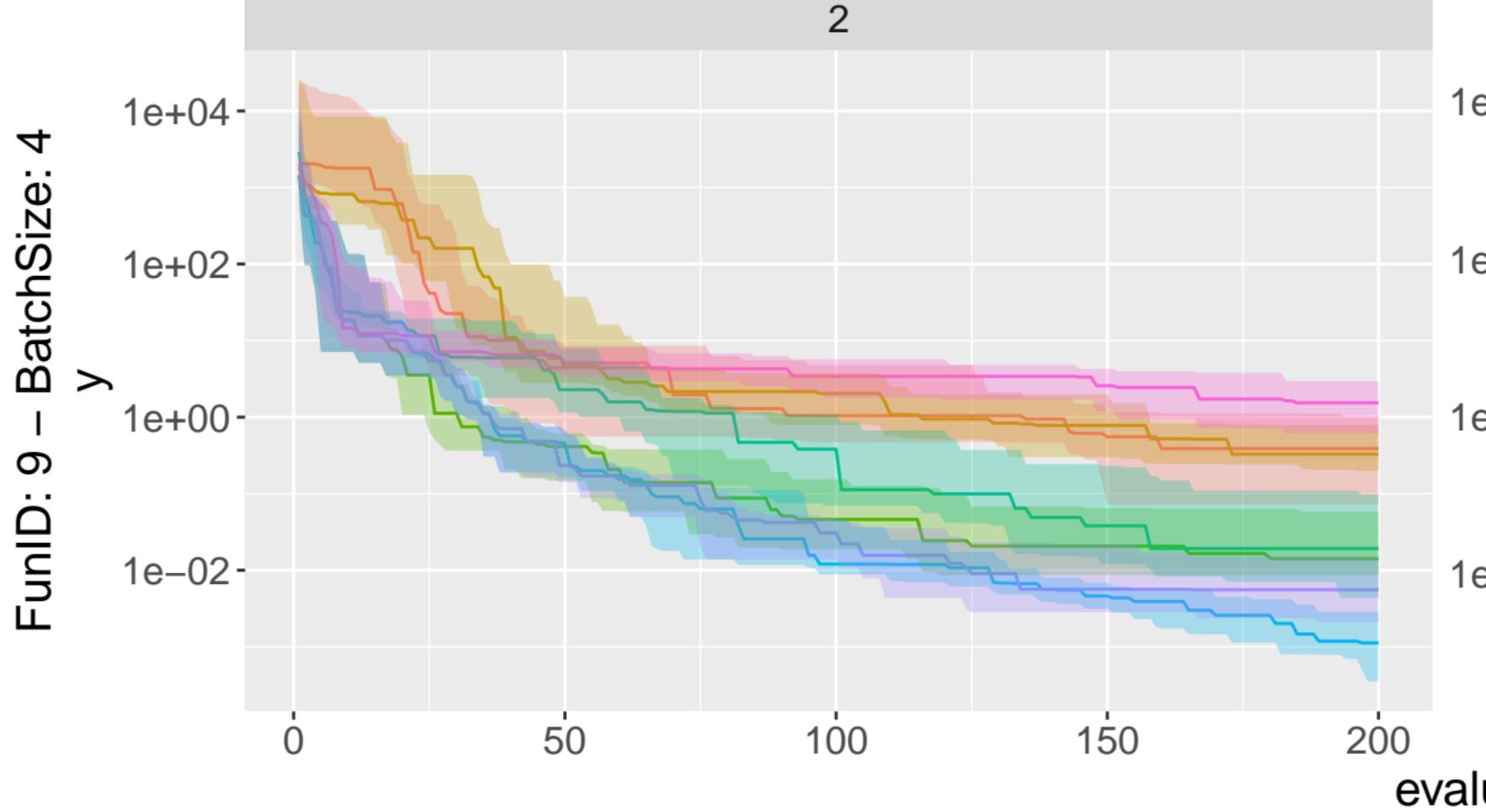
FunID: 9 – BatchSize: 2



algName

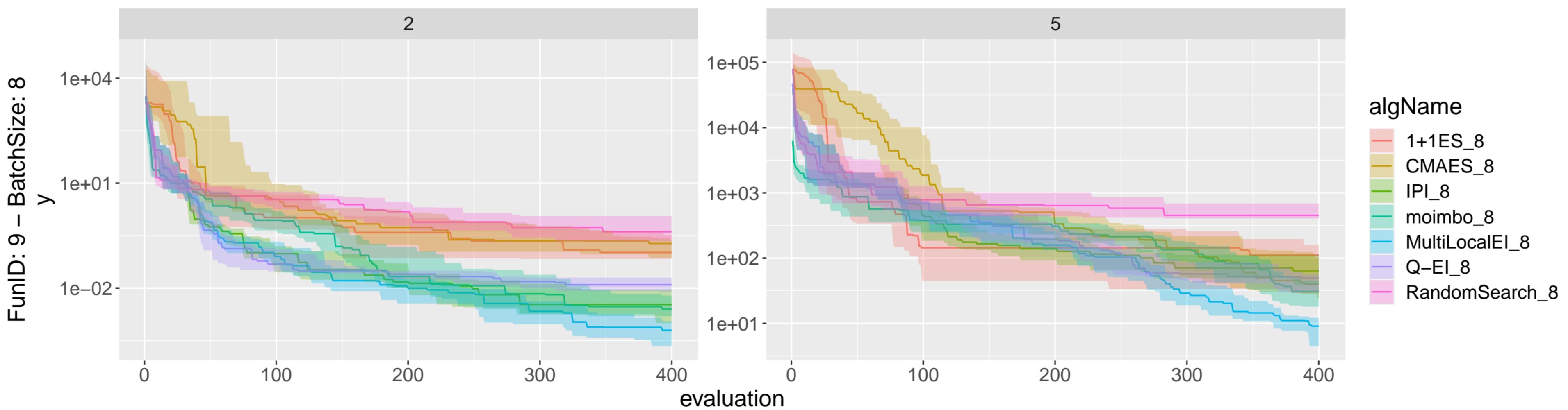
- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

FunID: 9 – BatchSize: 4

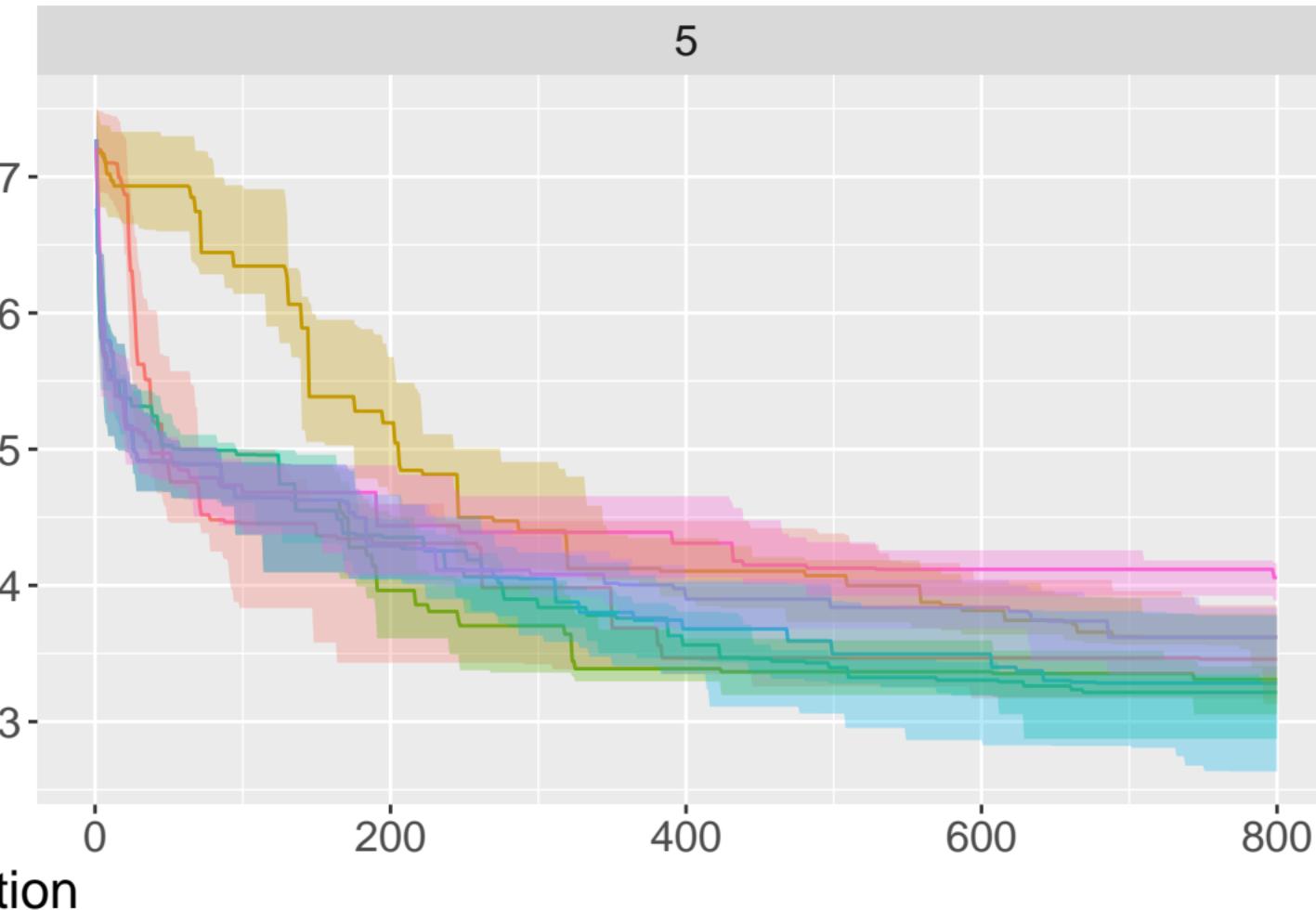
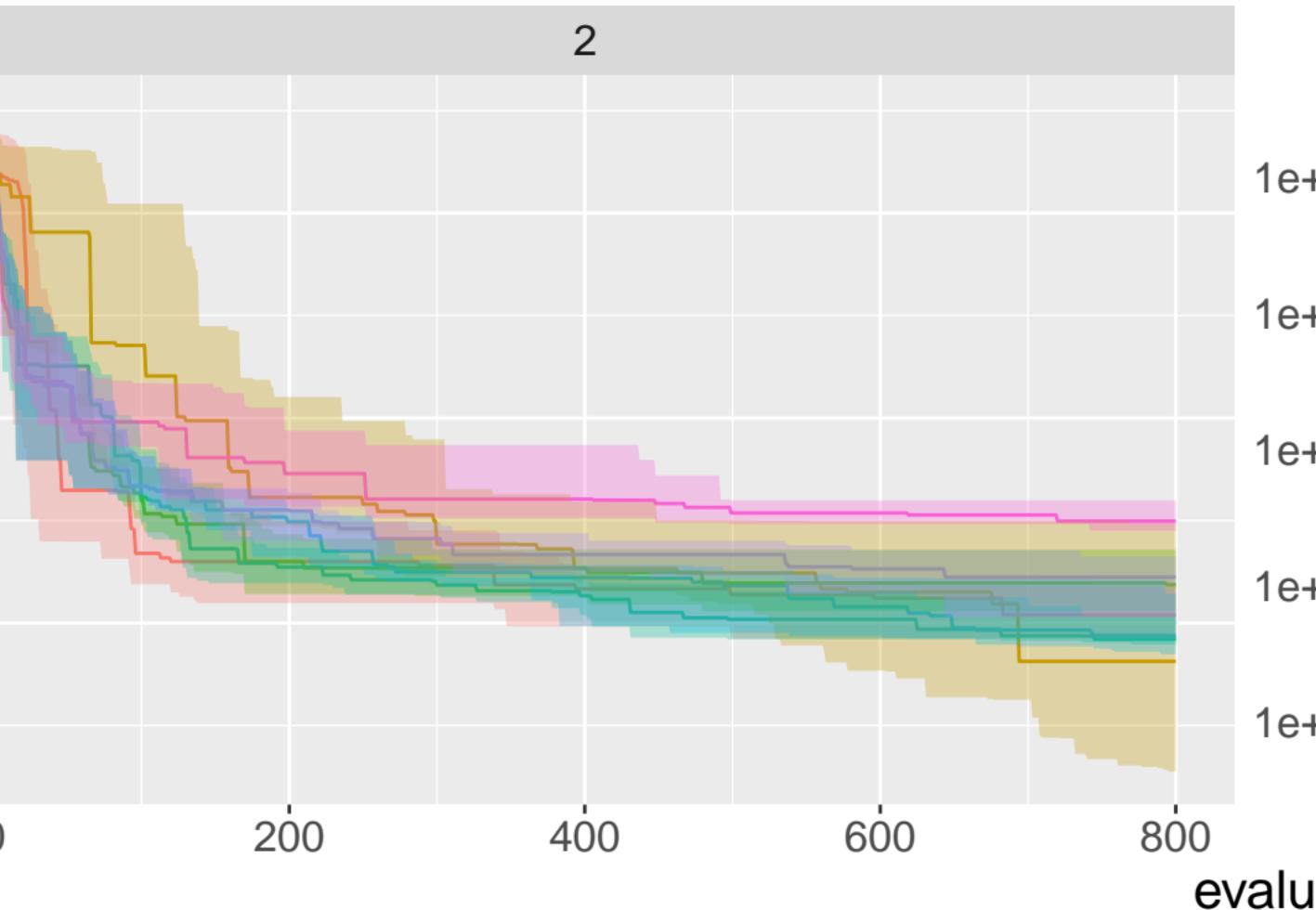


algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

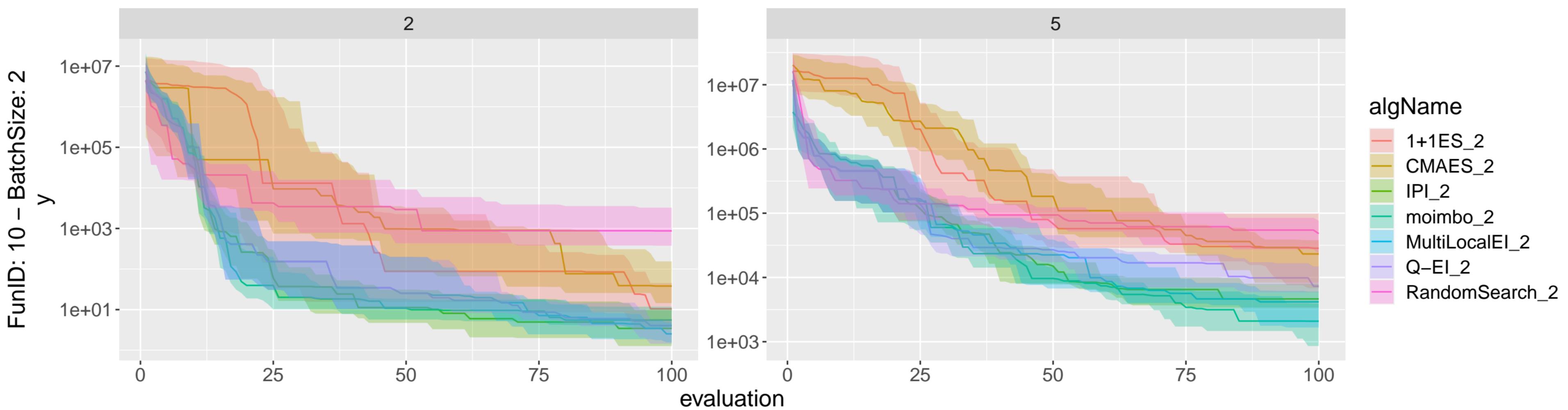


FunID: 10 – BatchSize: 16

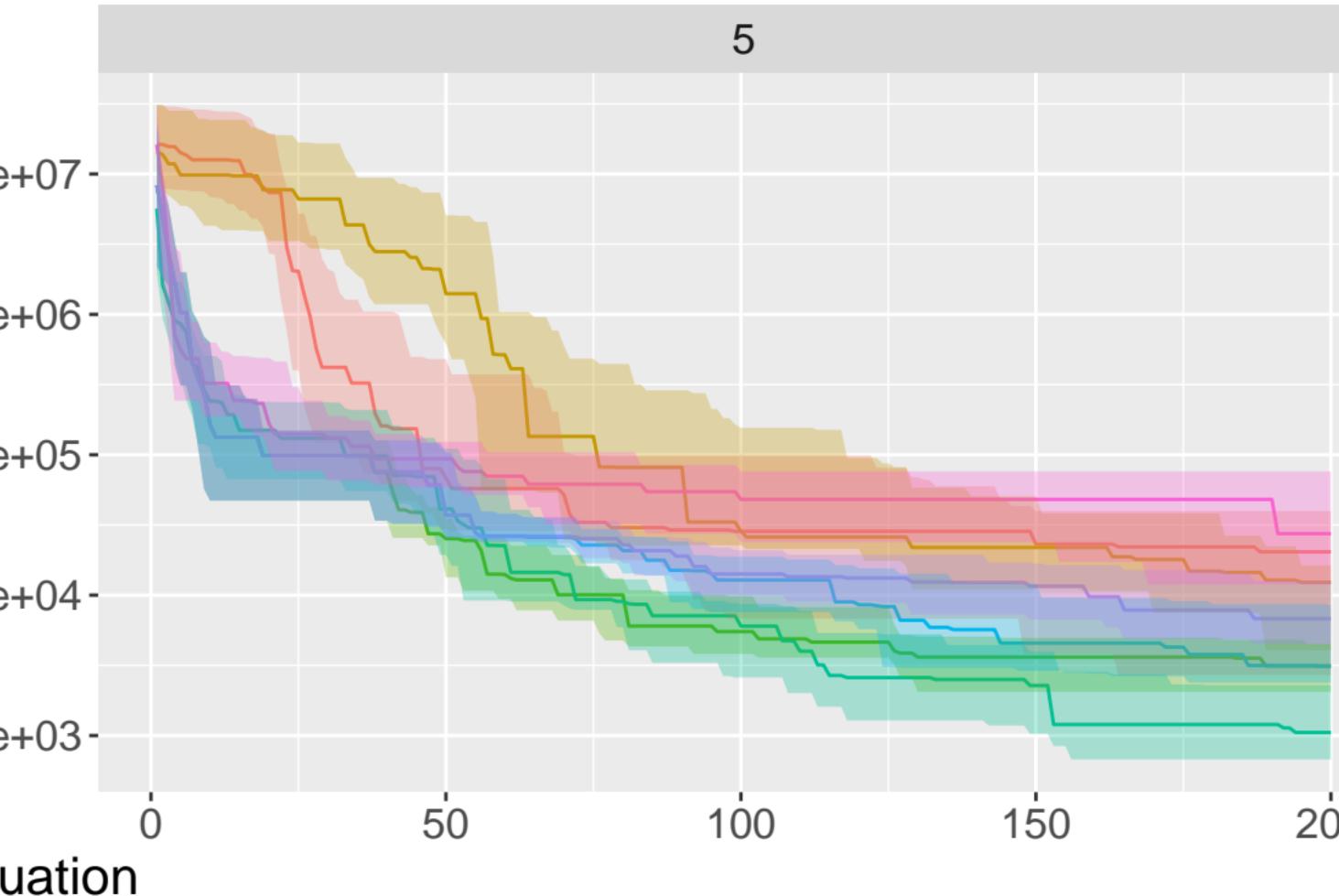
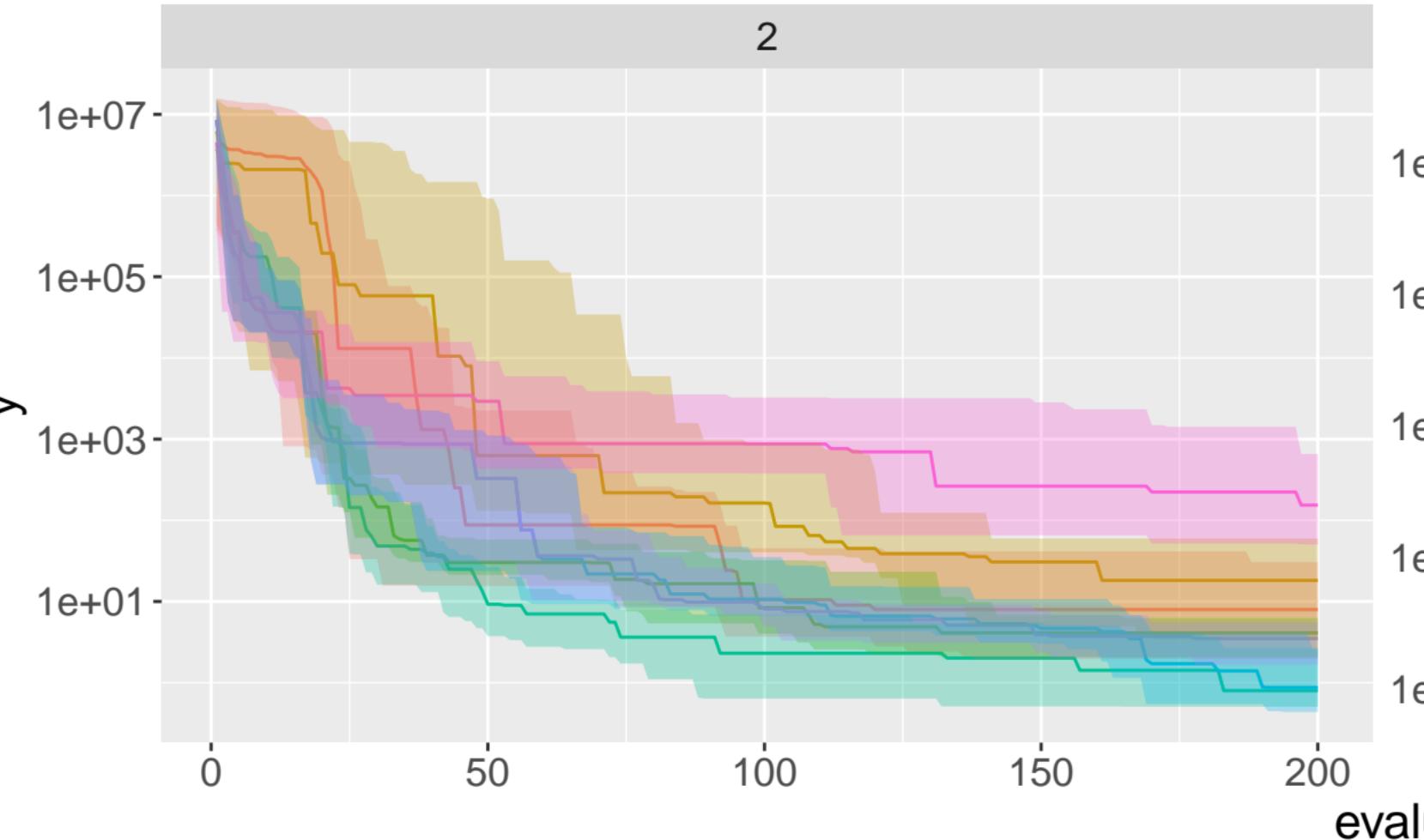


algName

- 1+1ES\_16
- CMAES\_16
- IPI\_16
- moimbo\_16
- MultiLocalEI\_16
- Q-EI\_16
- RandomSearch\_16



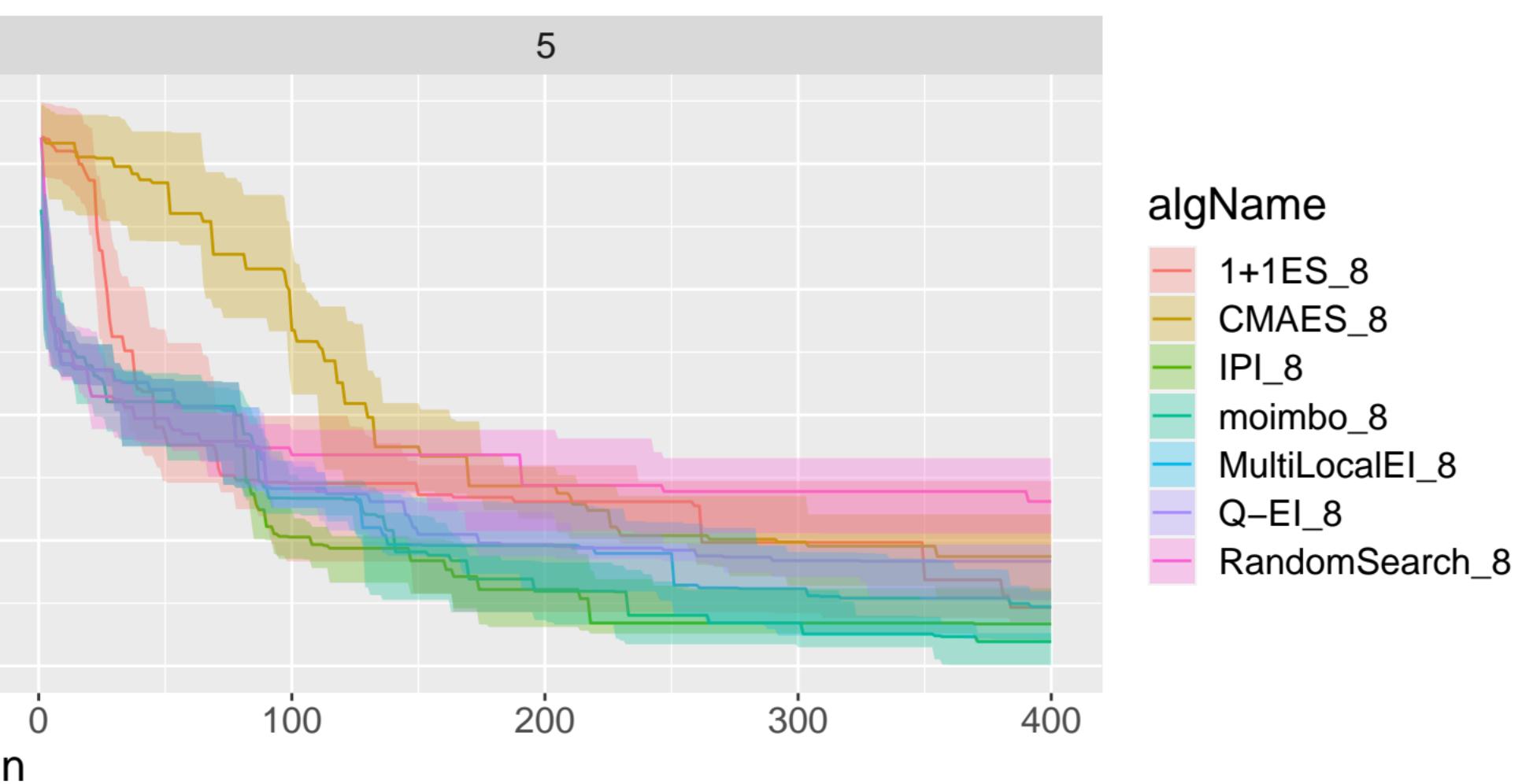
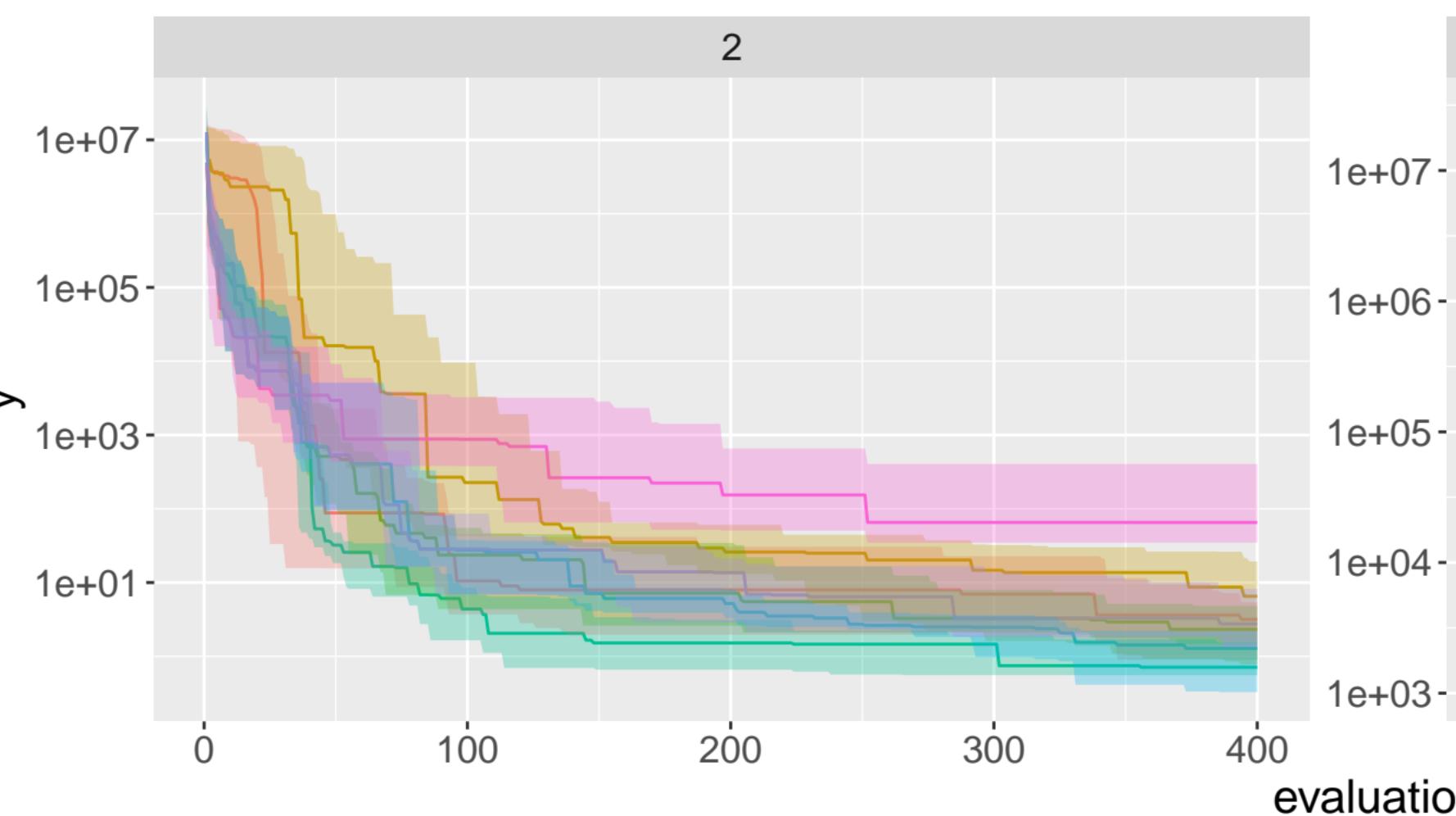
FunID: 10 - BatchSize: 4



algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

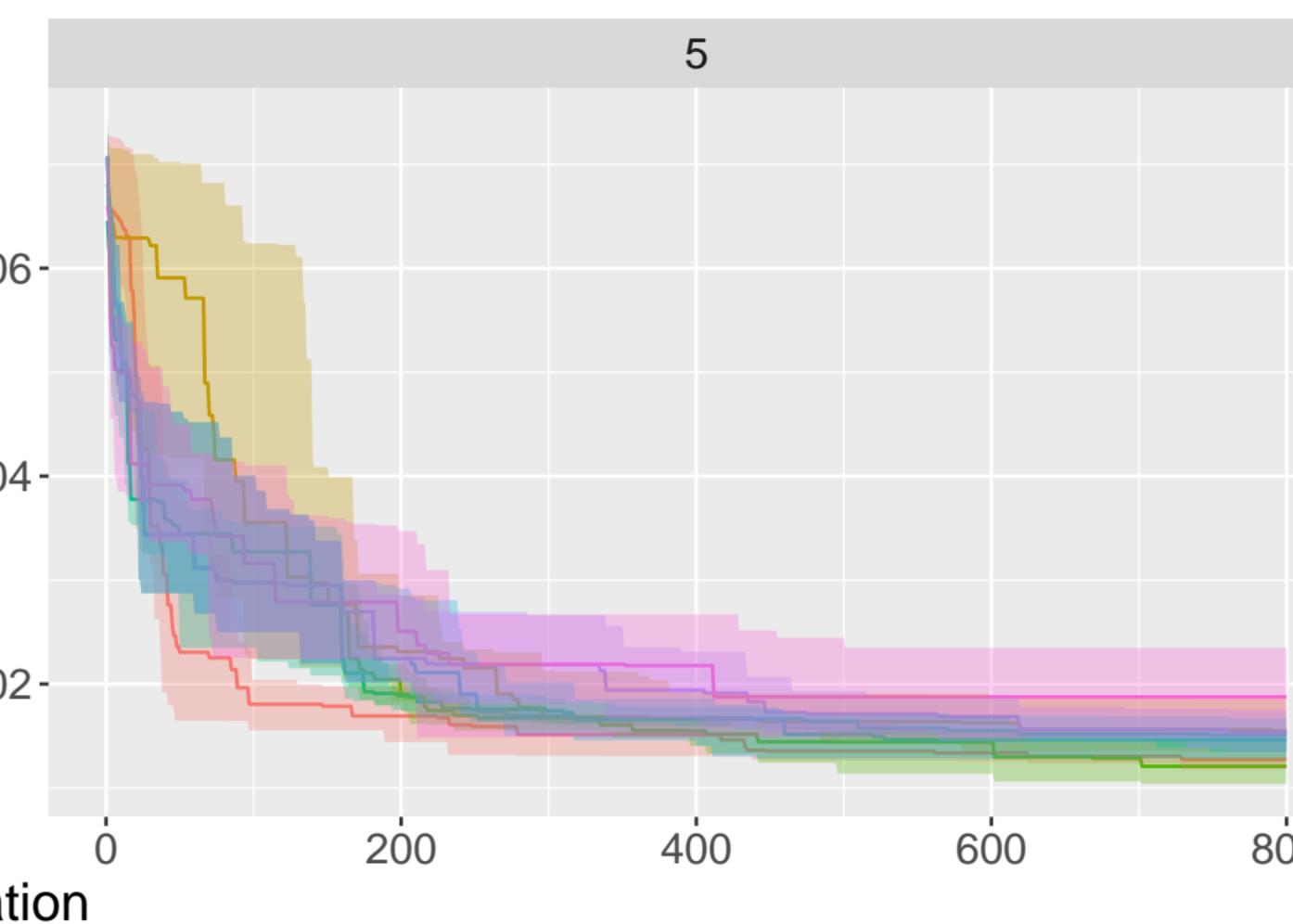
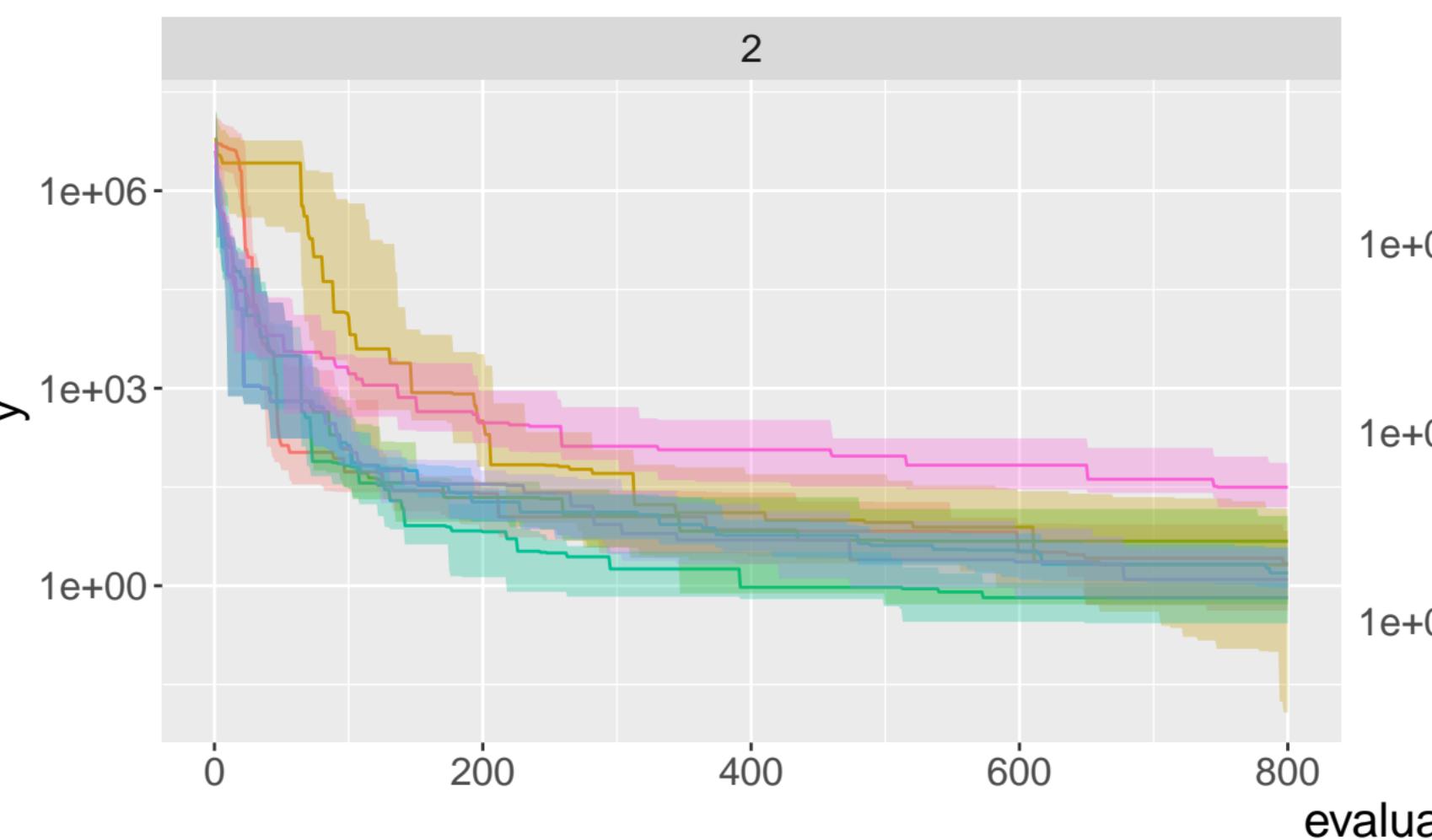
FunID: 10 – BatchSize: 8



algName

- 1+1ES\_8
- CMAES\_8
- IPI\_8
- moimbo\_8
- MultiLocalEI\_8
- Q-EI\_8
- RandomSearch\_8

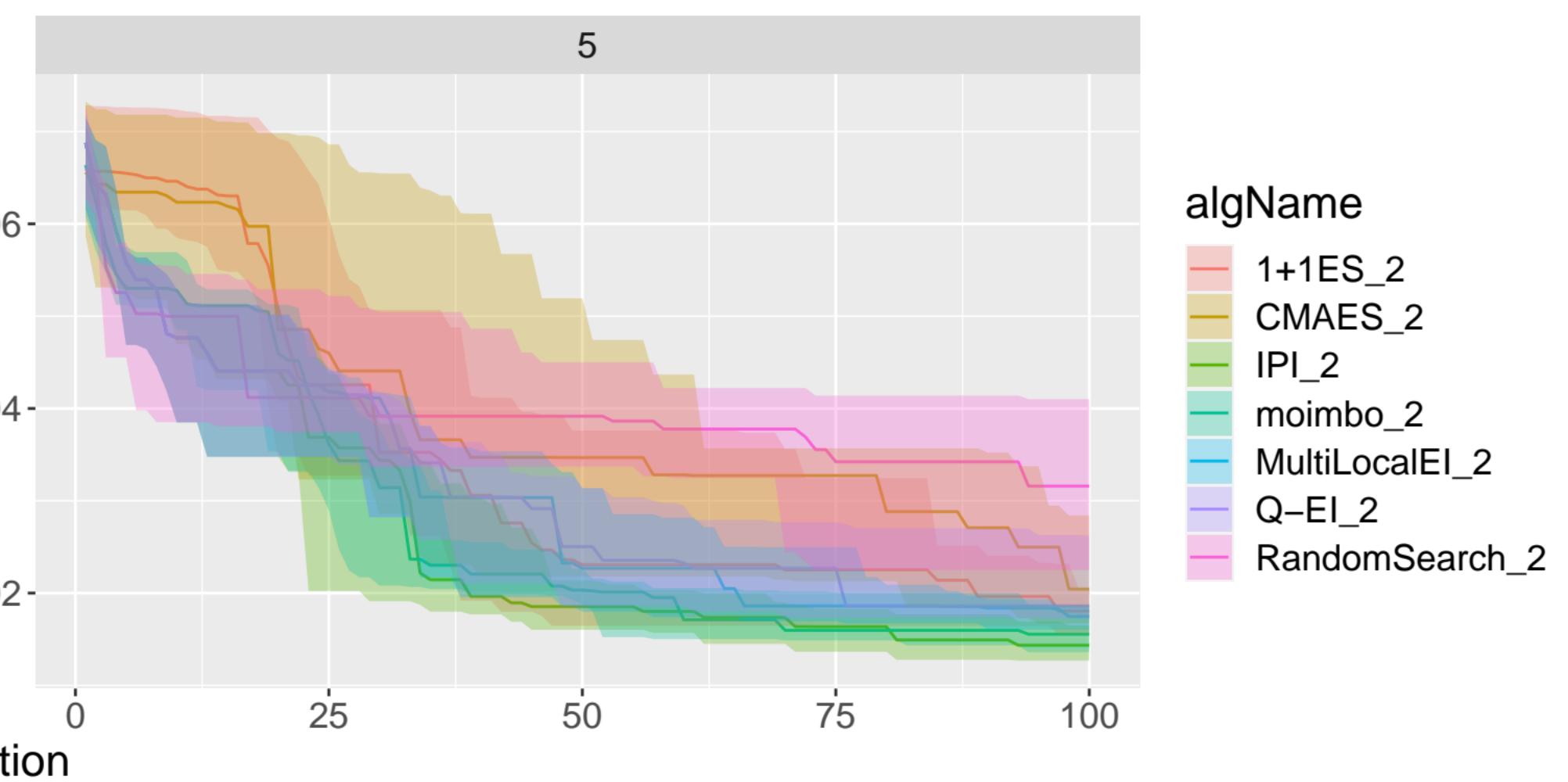
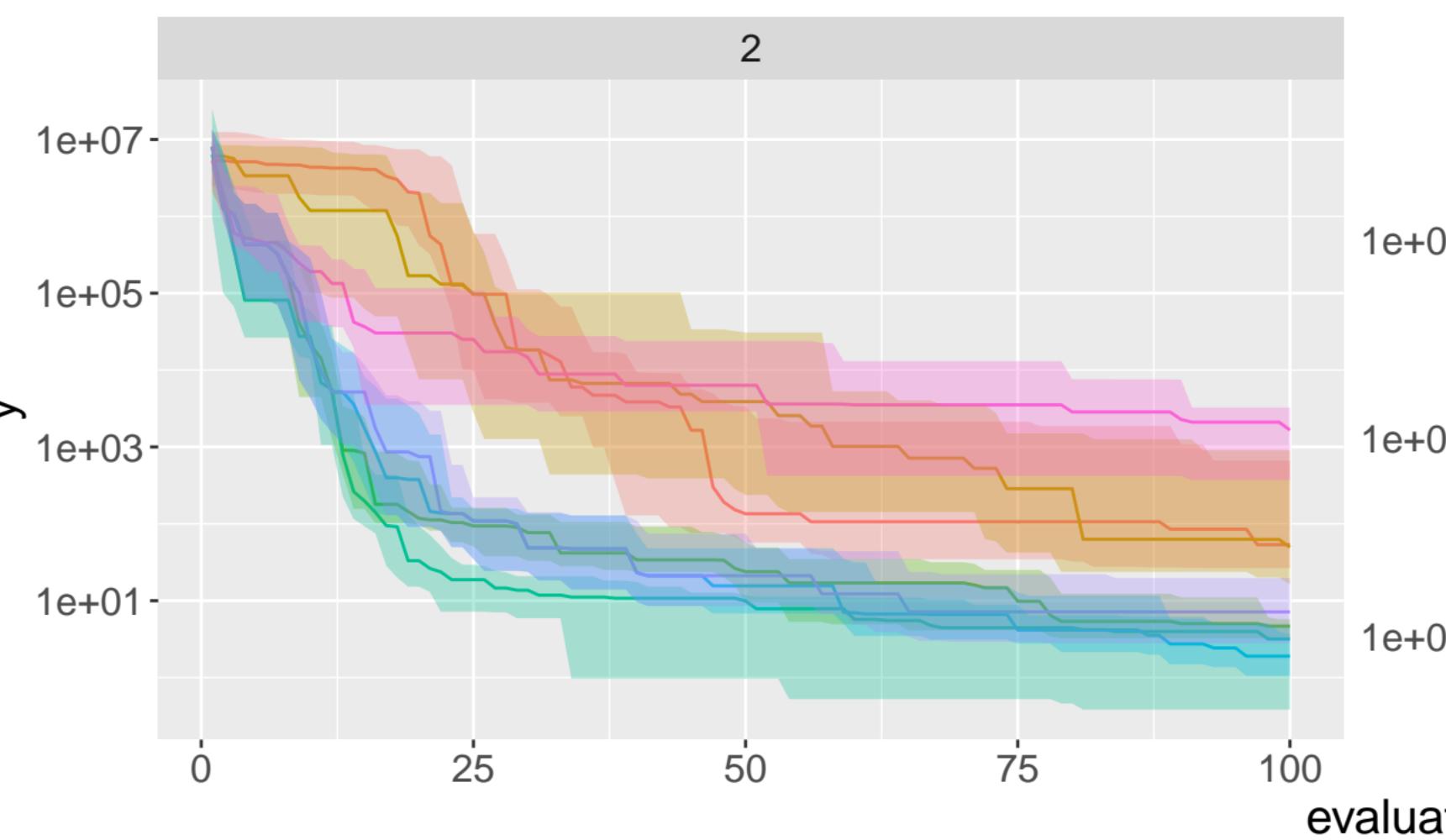
FunID: 11 - BatchSize: 16



algName

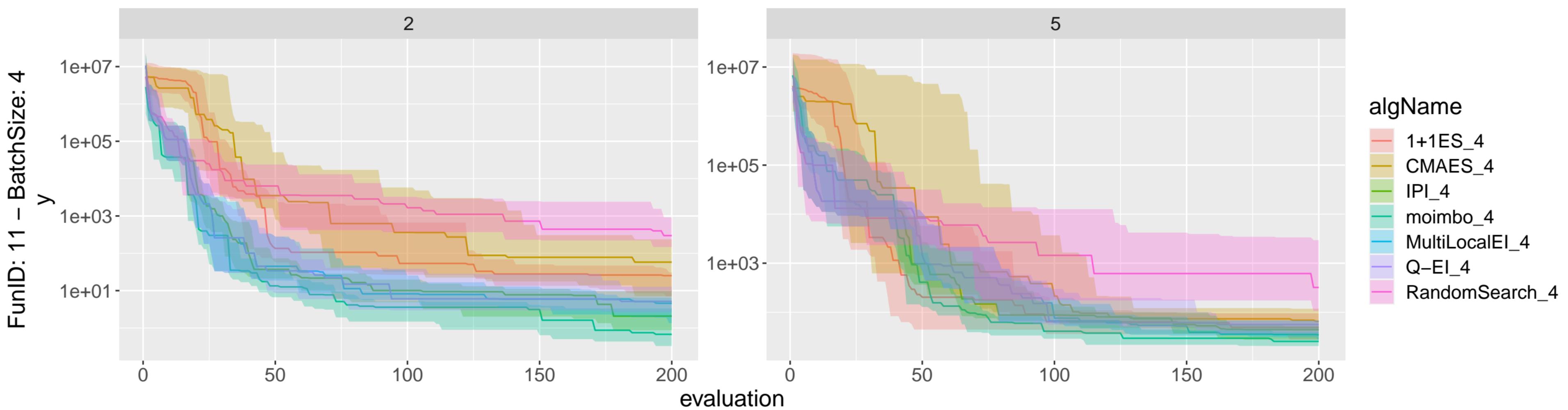
- 1+1ES\_16
- CMAES\_16
- IPI\_16
- moimbo\_16
- MultiLocalEI\_16
- Q-EI\_16
- RandomSearch\_16

FunID: 11 - BatchSize: 2

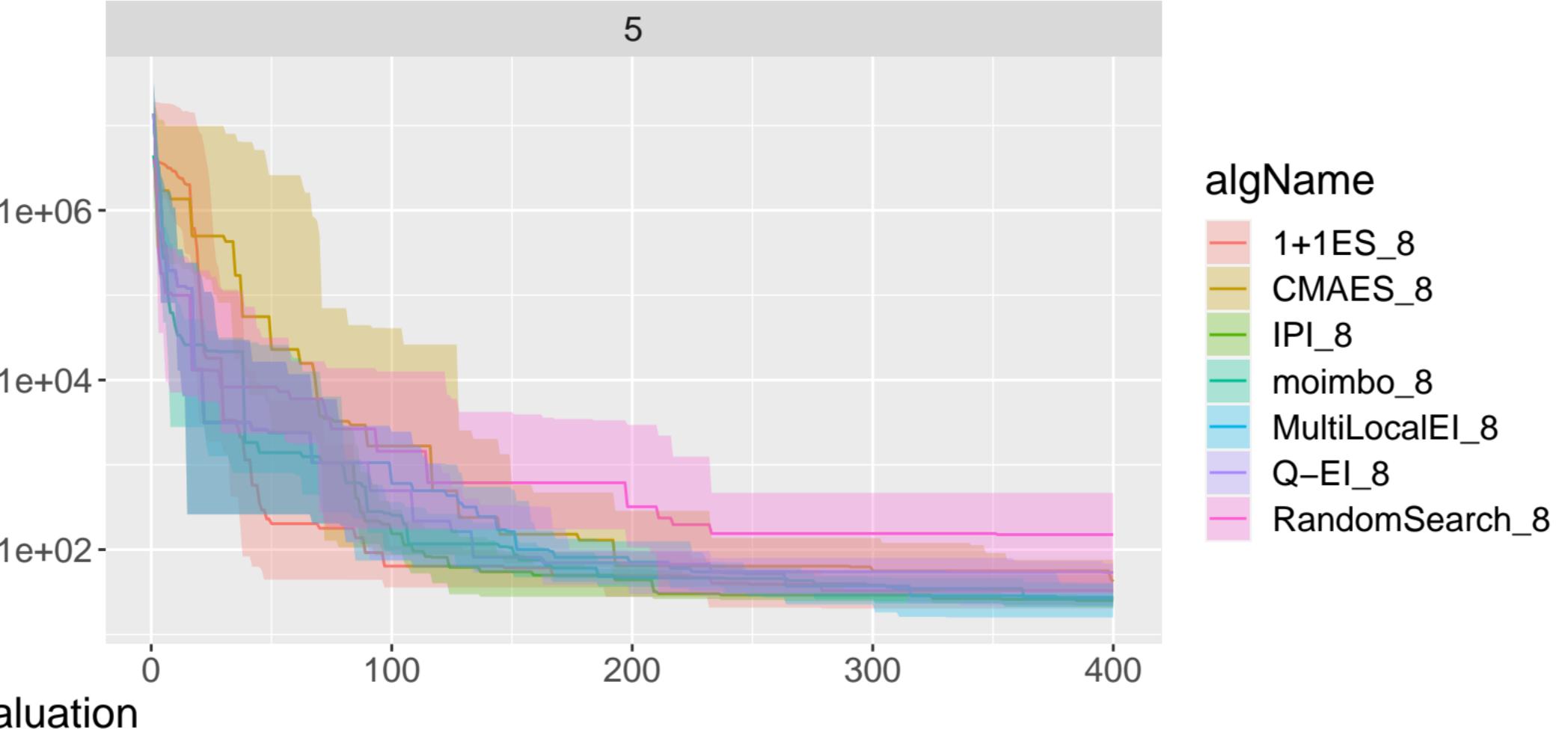
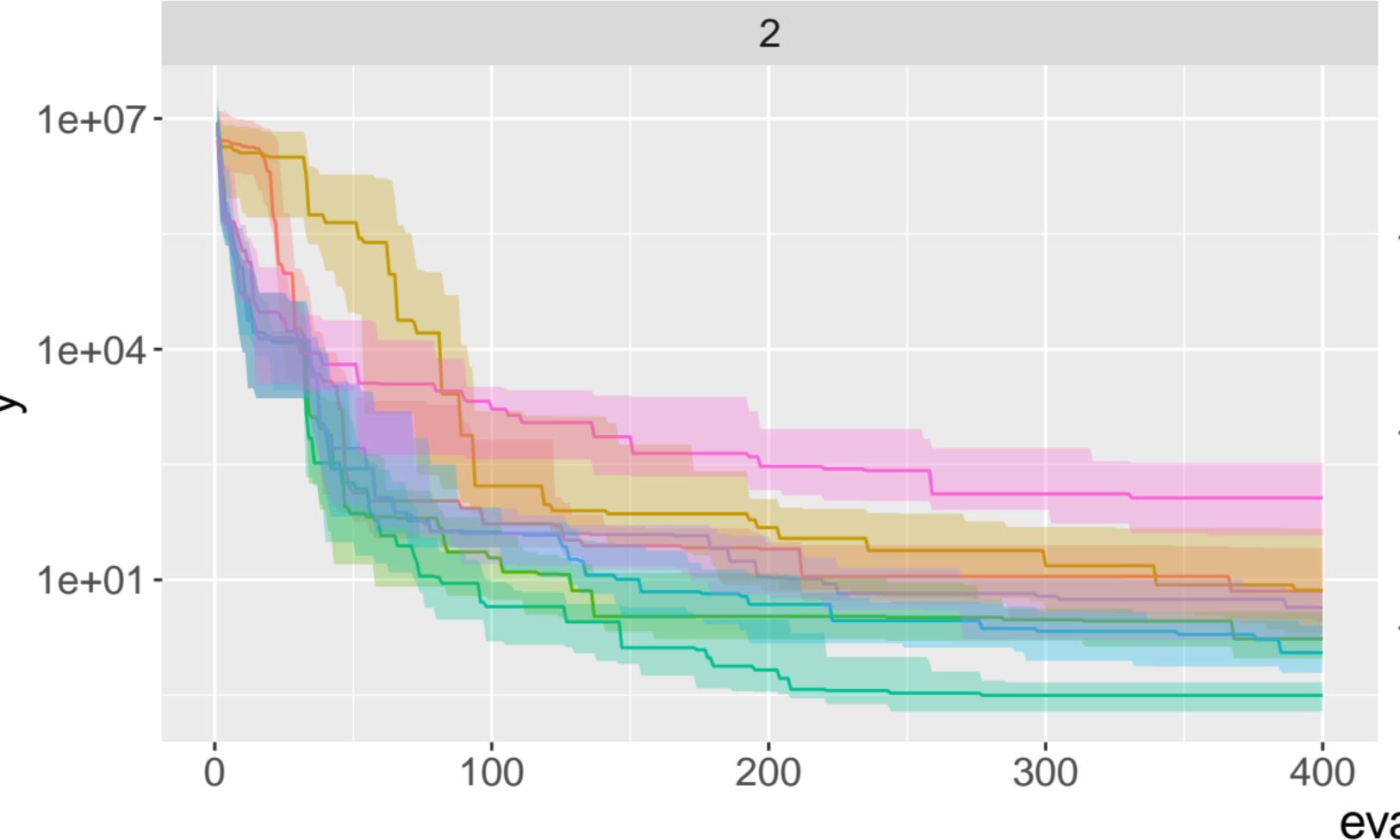


algName

- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2



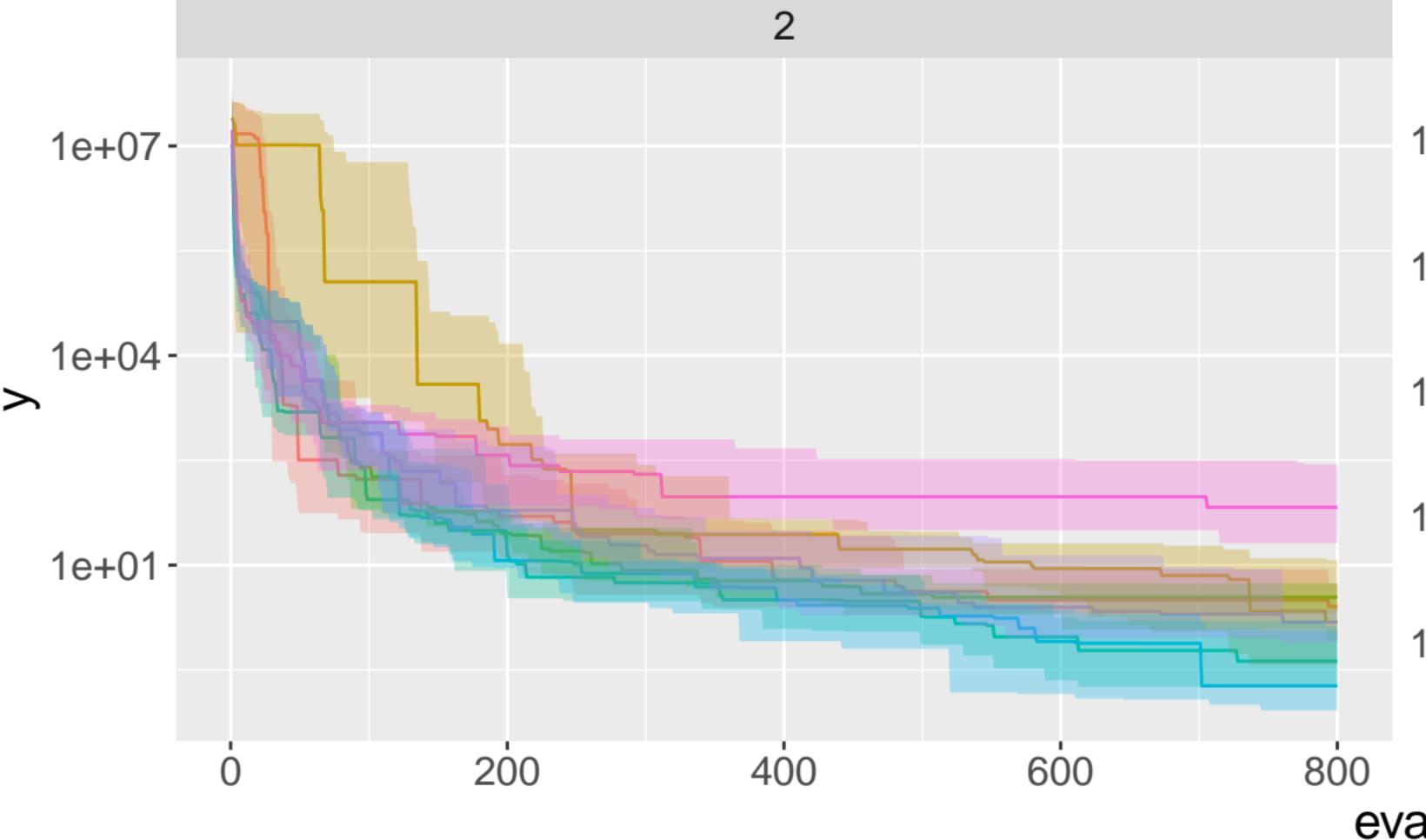
FunID: 11 - BatchSize: 8



algName

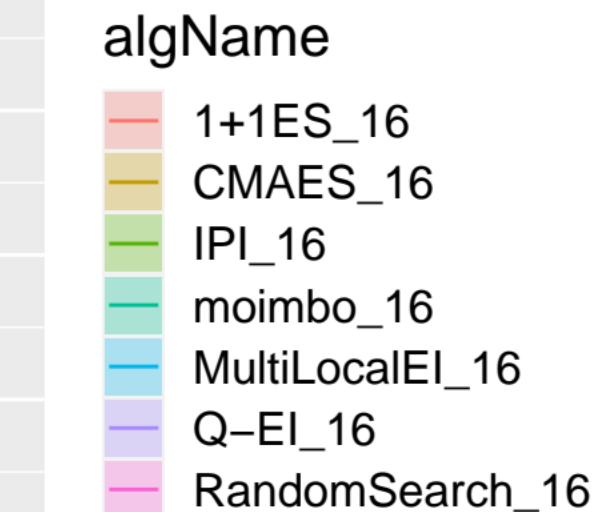
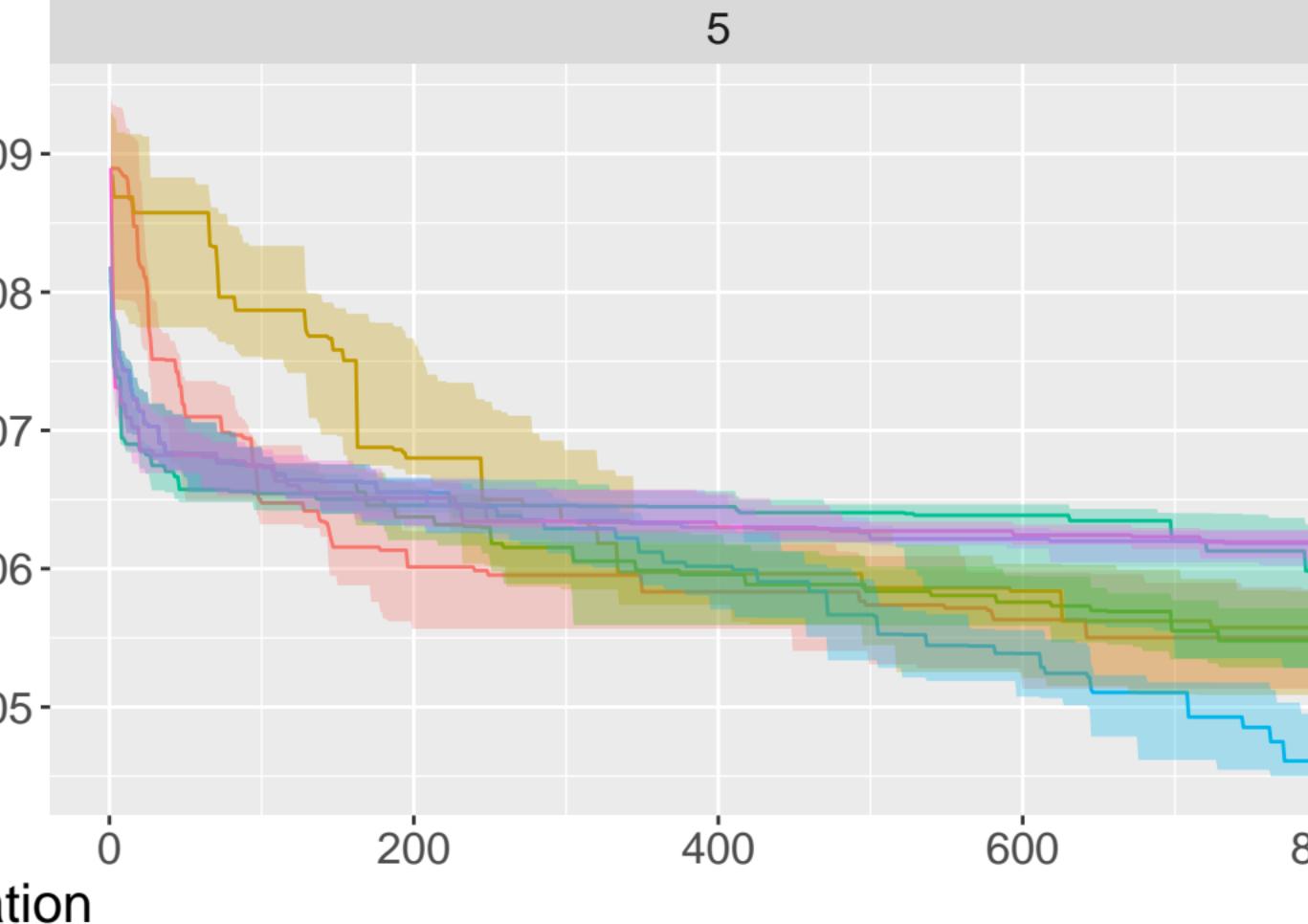
- 1+1ES\_8
- CMAES\_8
- IPI\_8
- moimbo\_8
- MultiLocalEI\_8
- Q-EI\_8
- RandomSearch\_8

FunID: 12 – BatchSize: 16

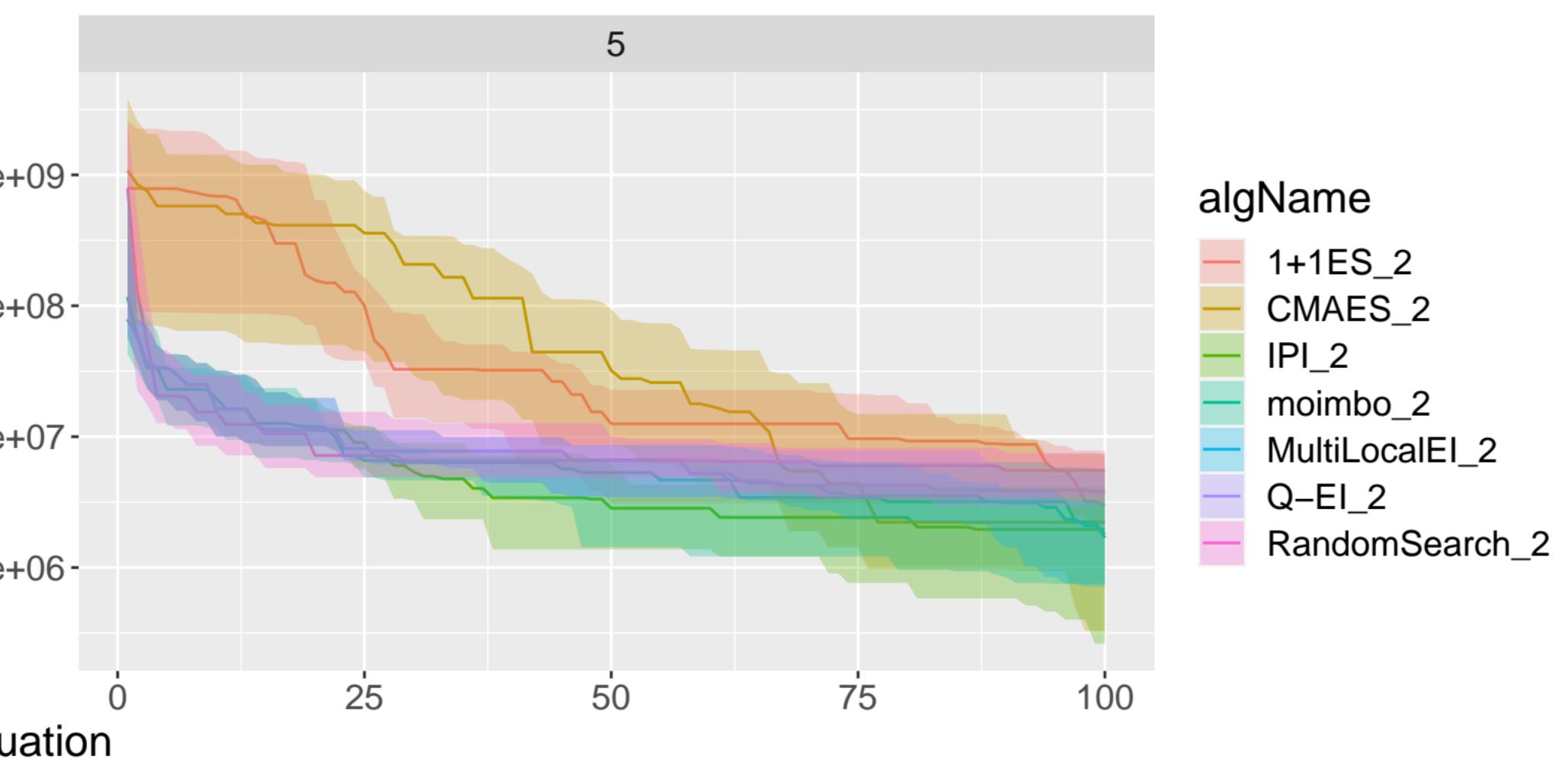
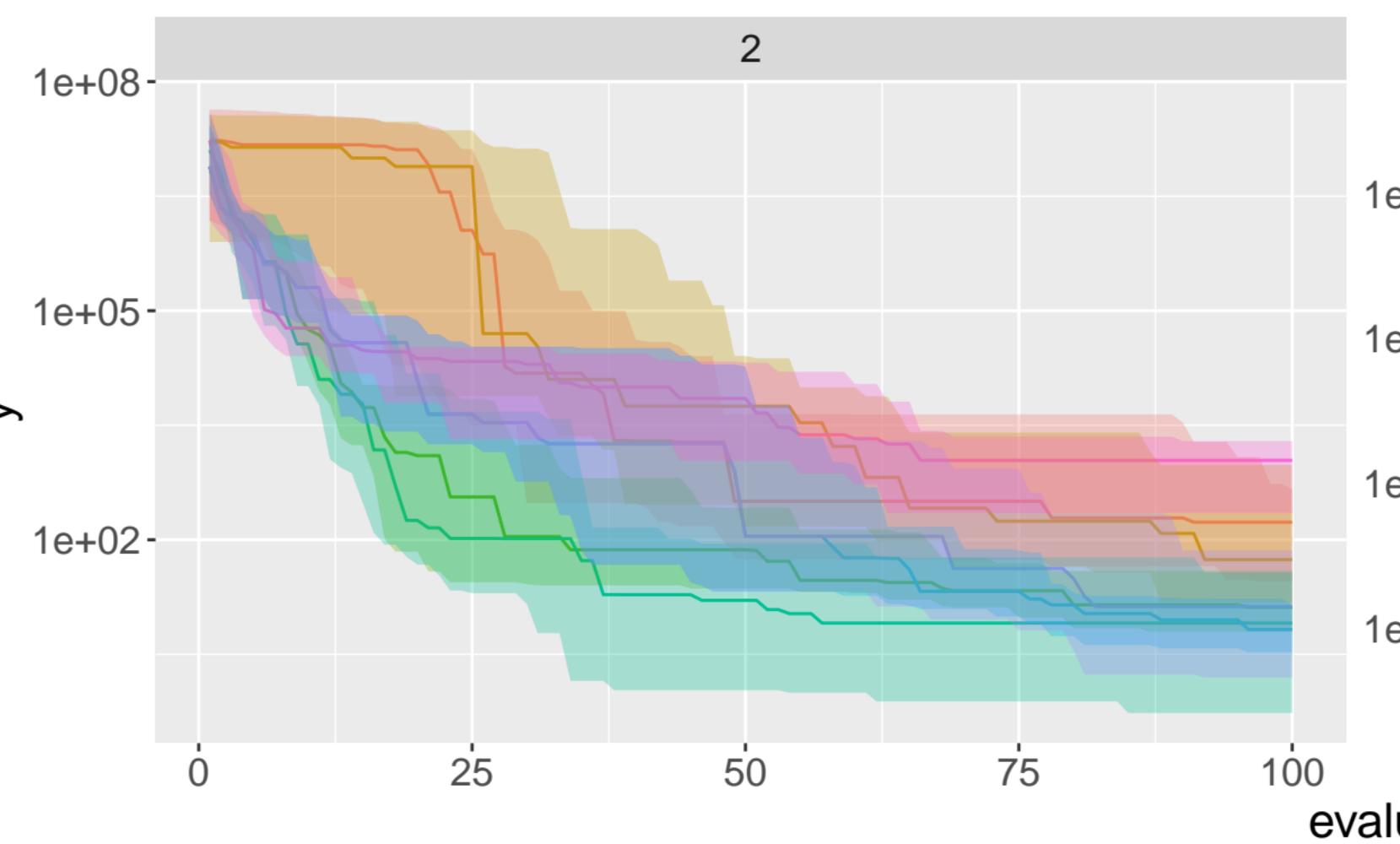


evaluation

FunID: 12 – BatchSize: 16



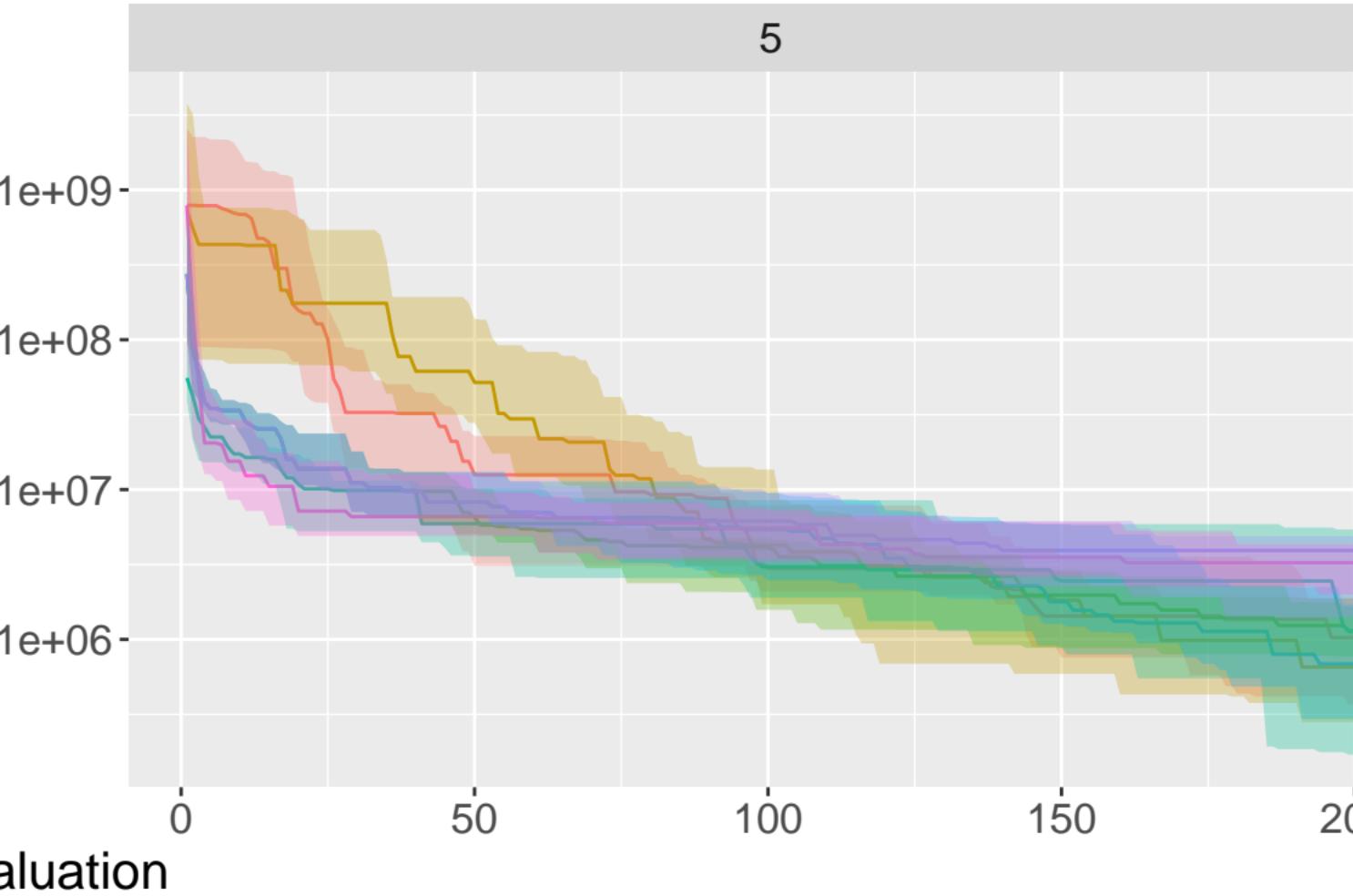
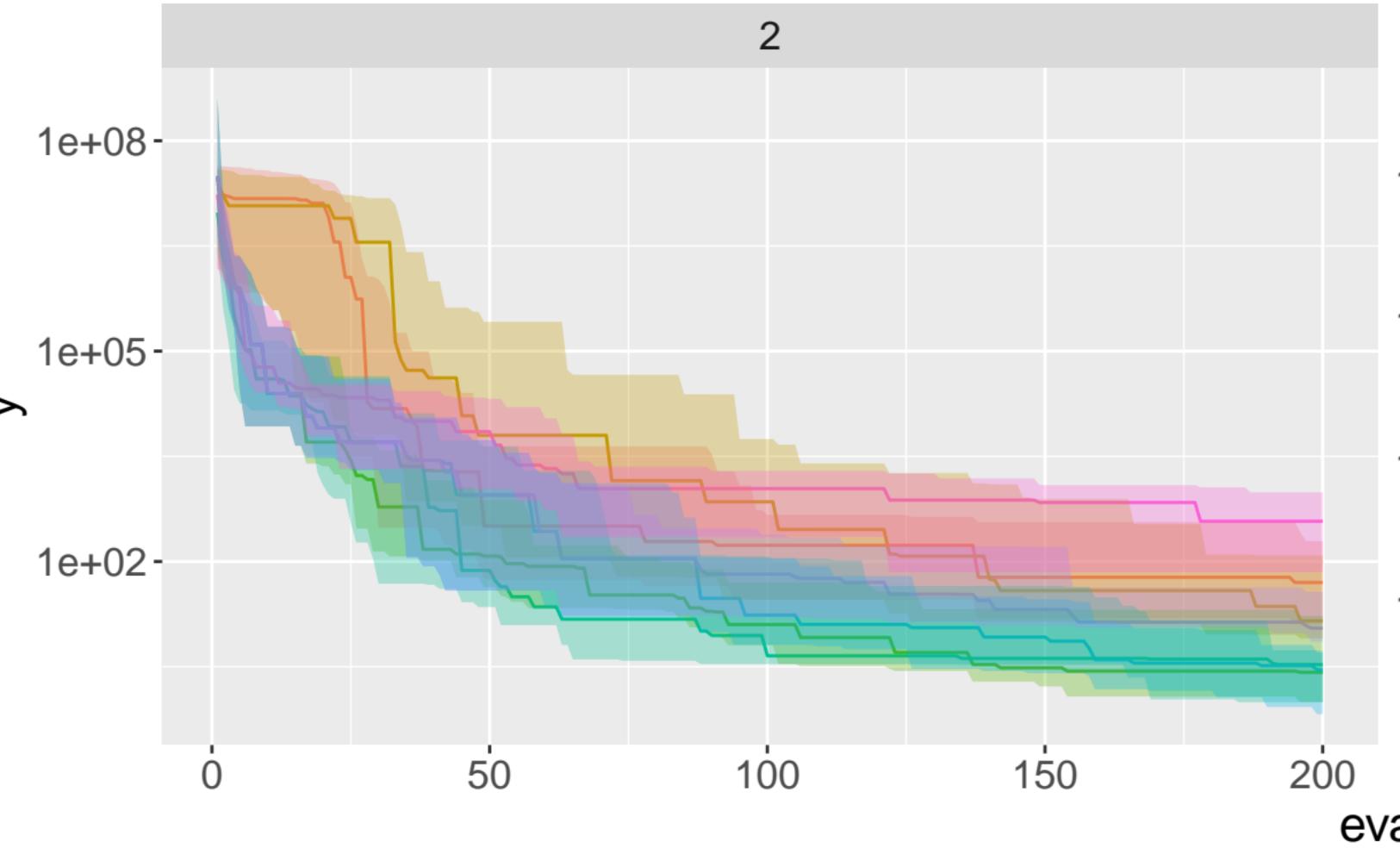
FunID: 12 – BatchSize: 2



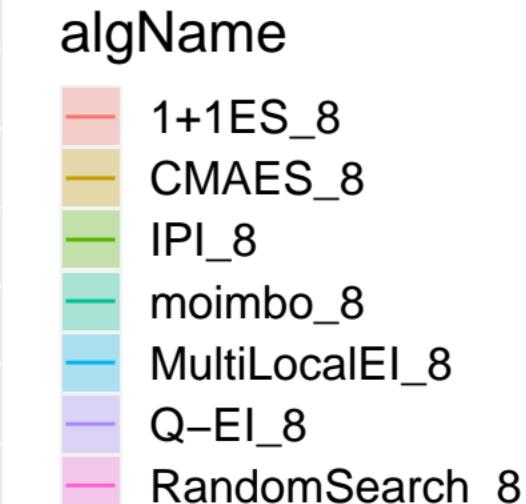
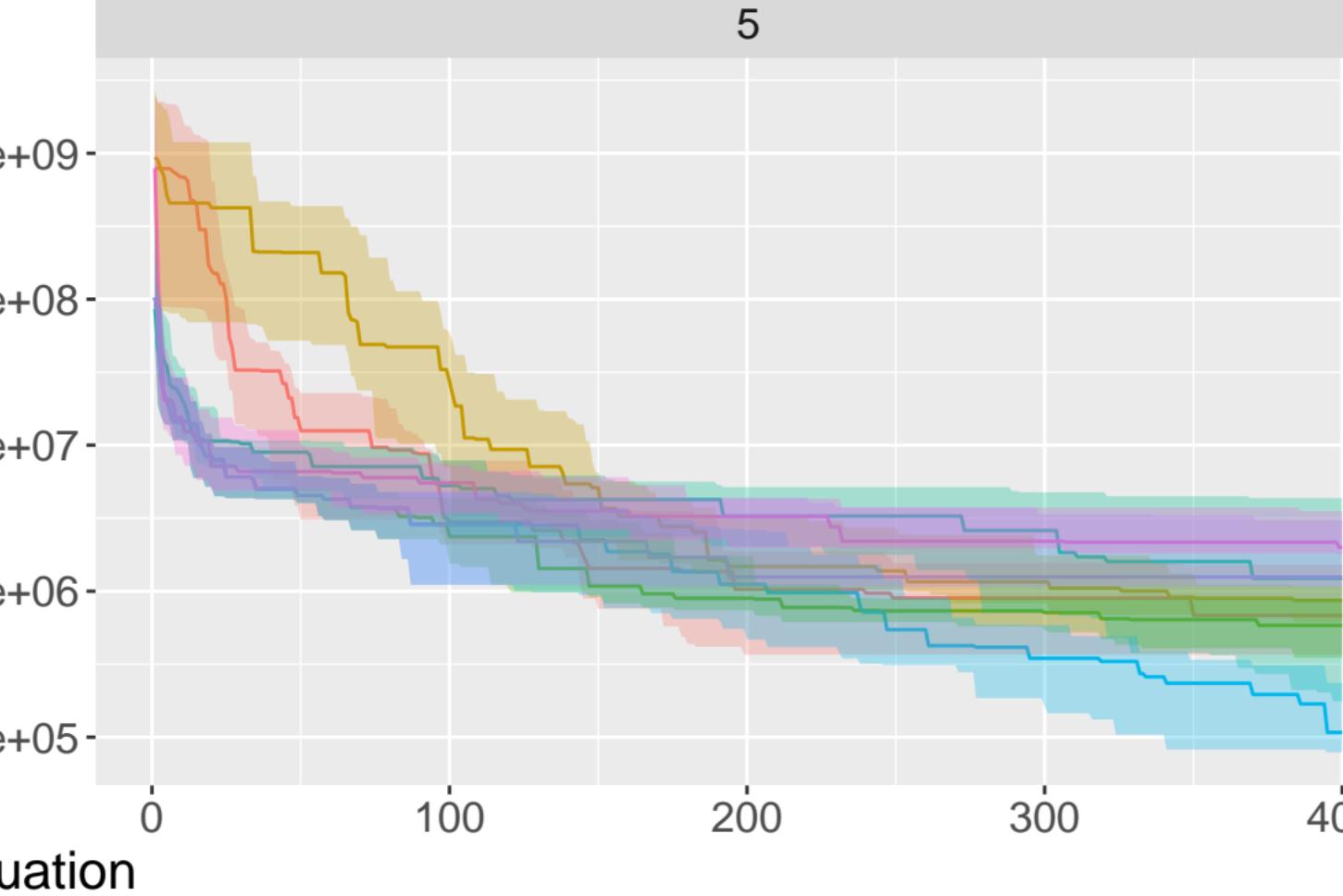
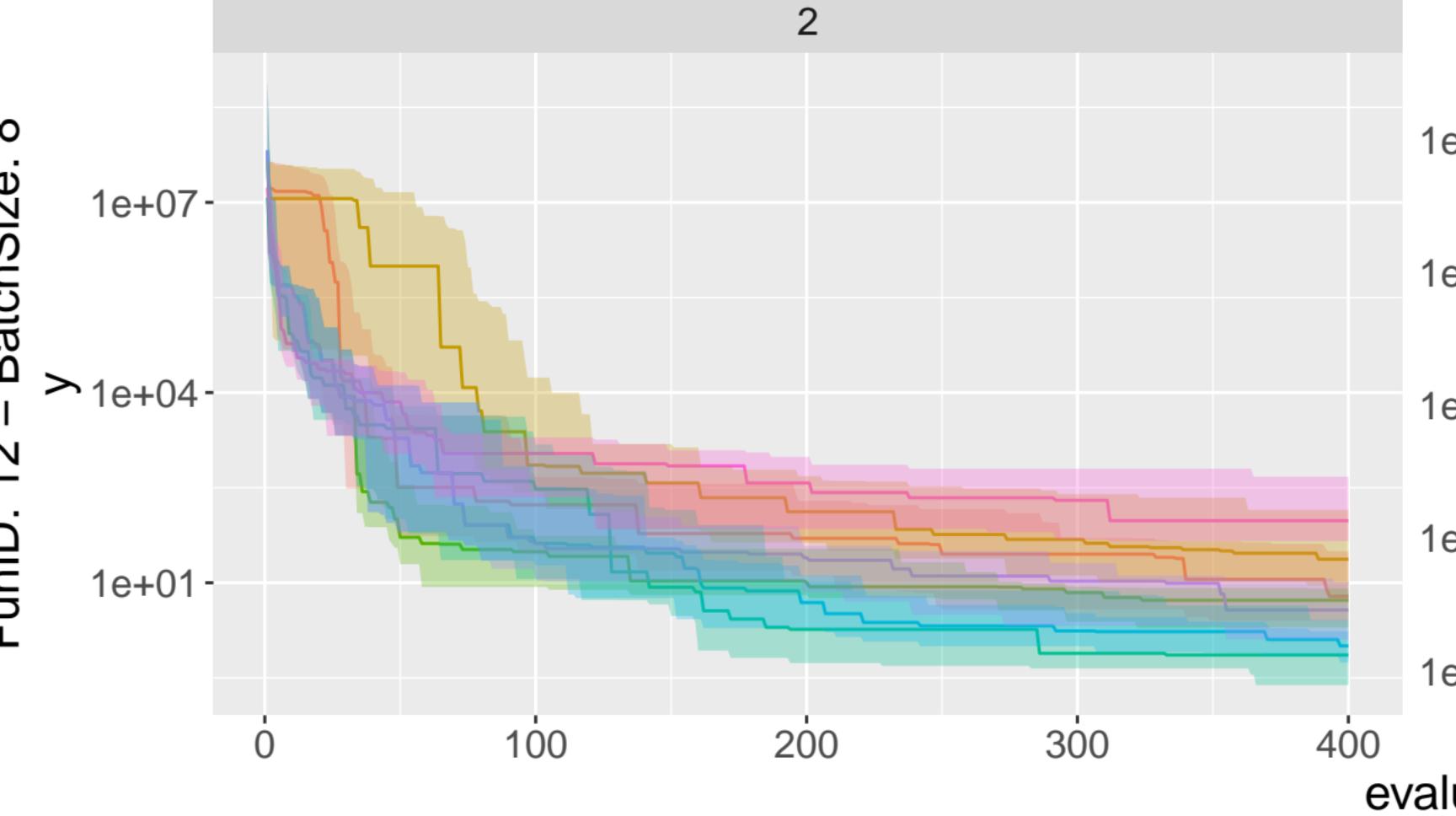
algName

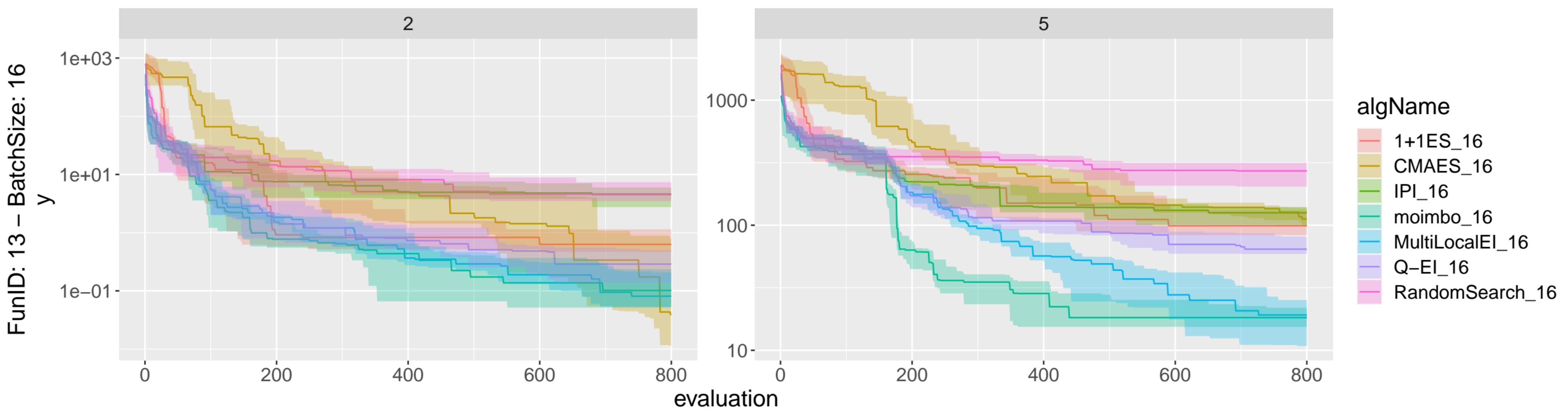
- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

FunID: 12 – BatchSize: 4

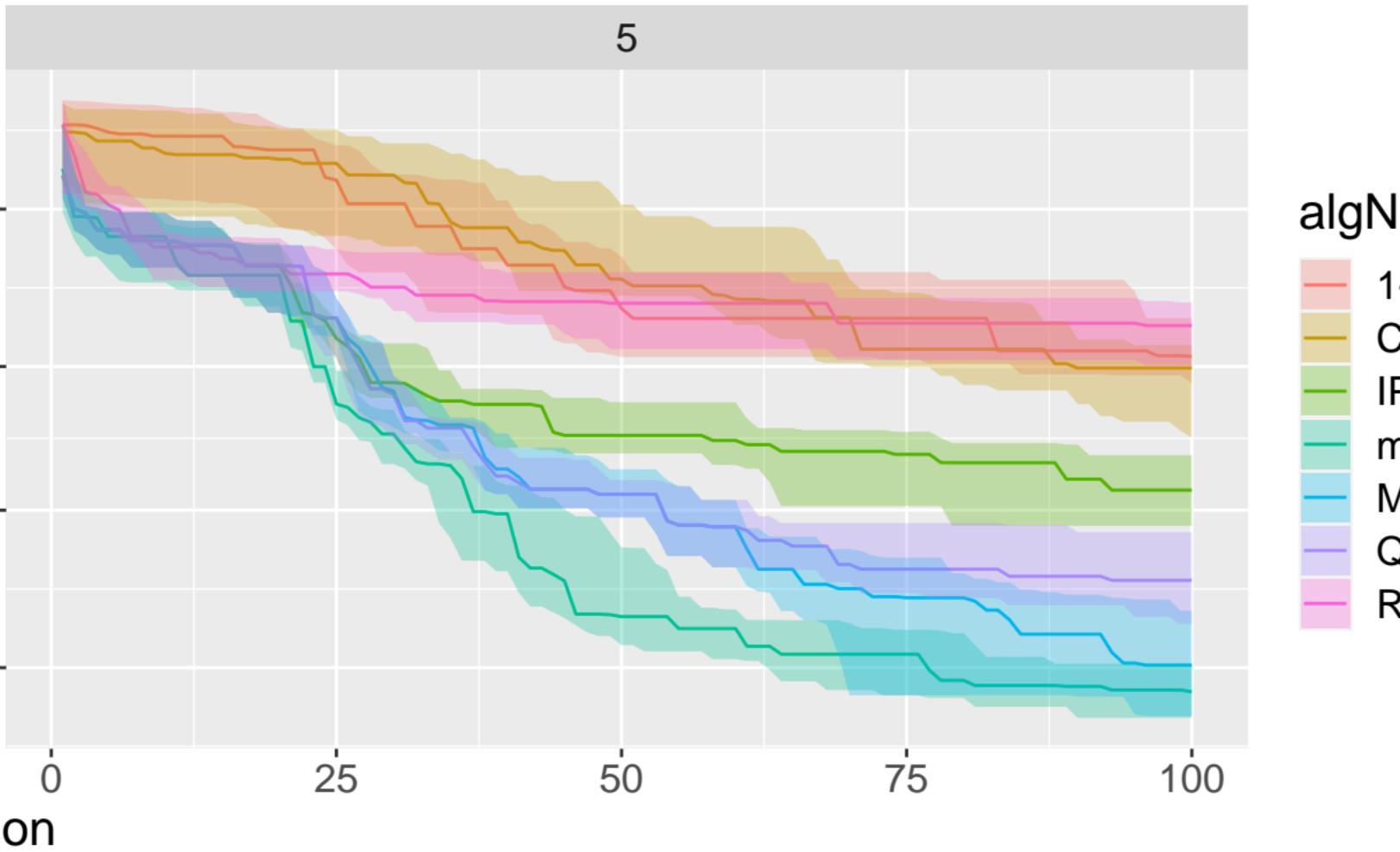
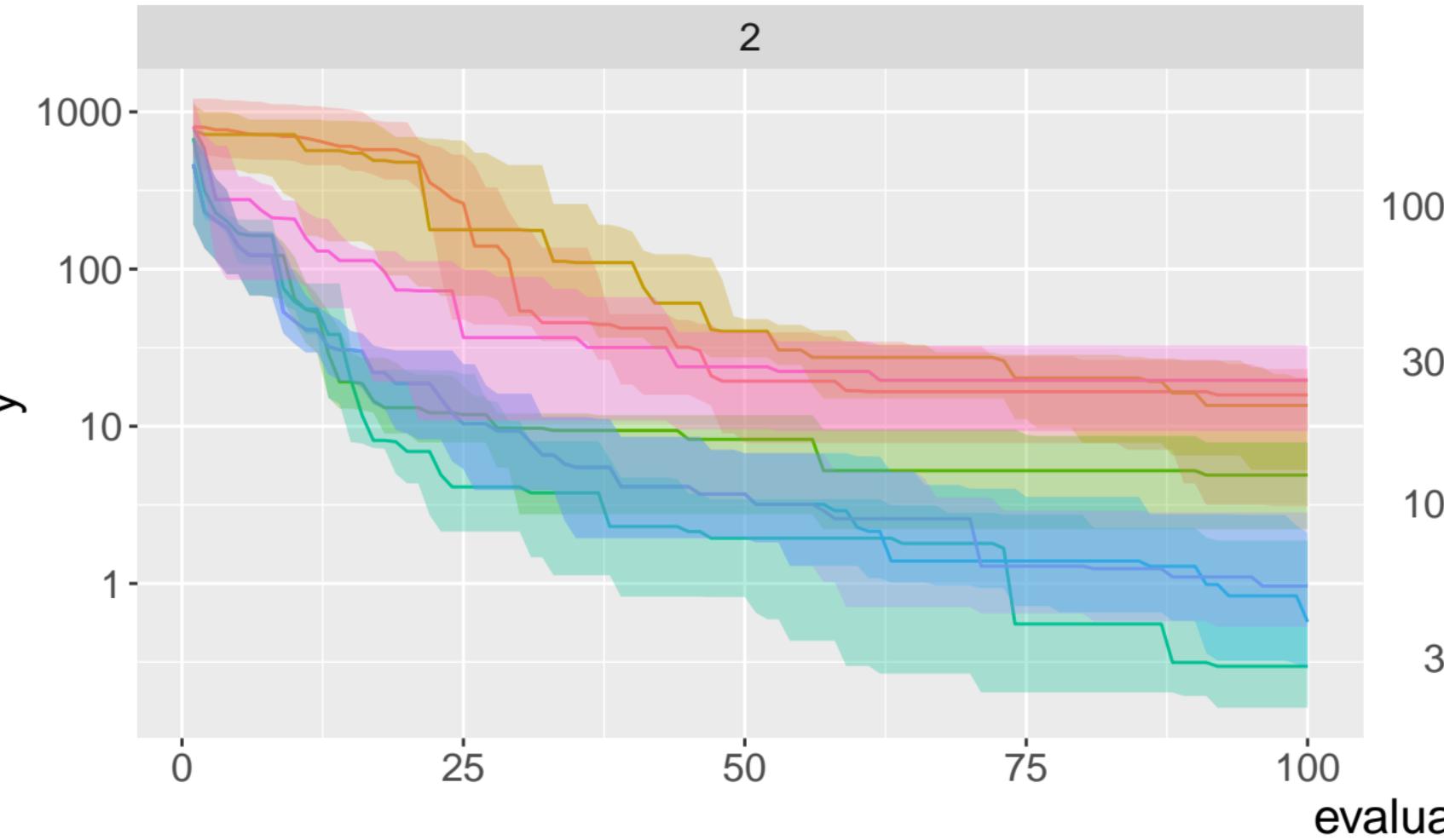


FunID: 12 – BatchSize: 8



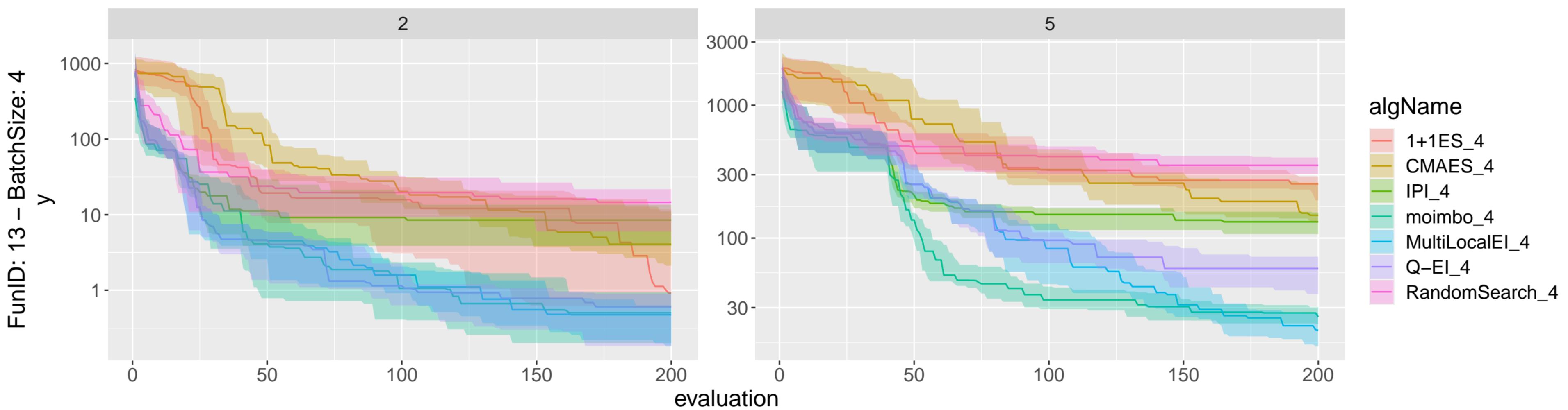


FunID: 13 – BatchSize: 2

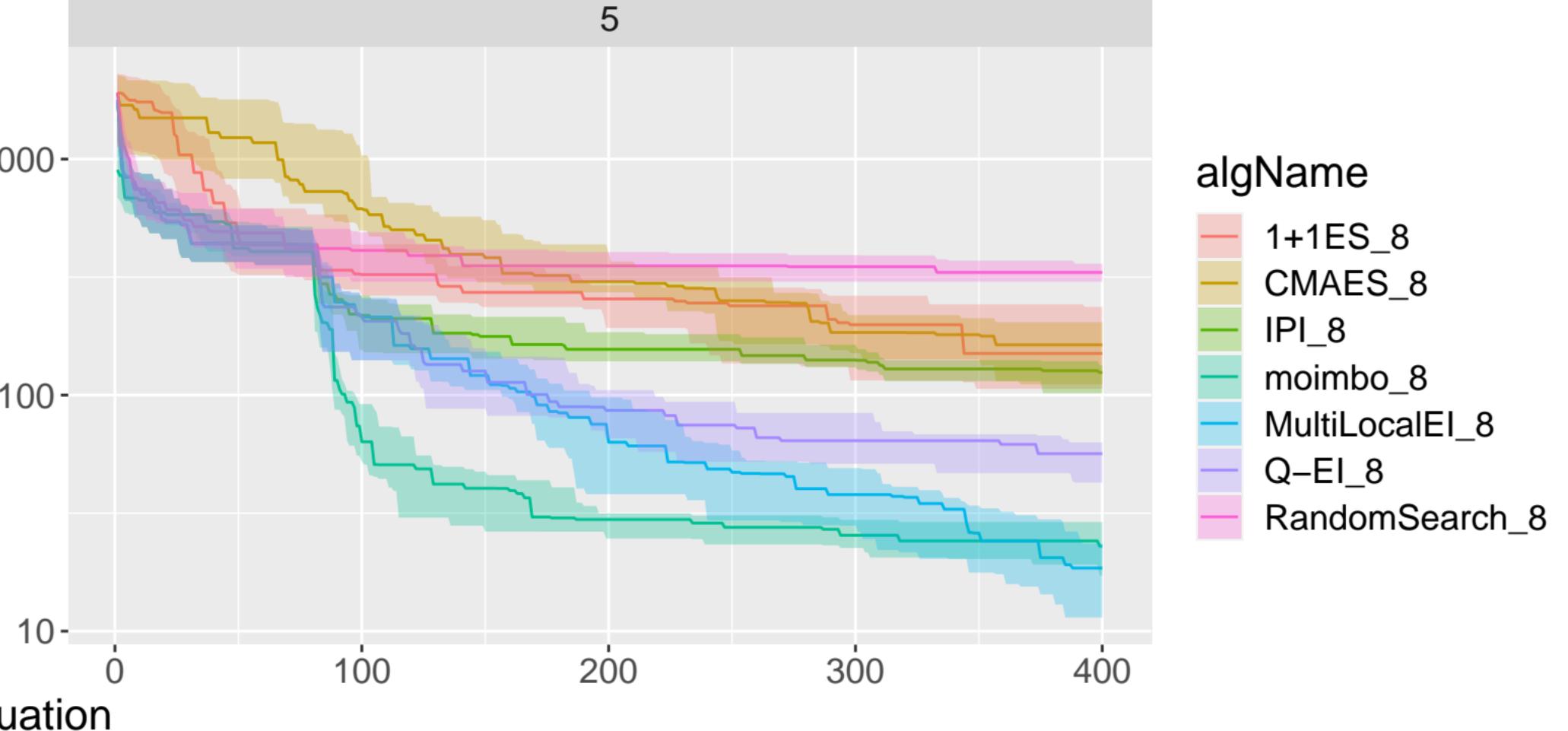
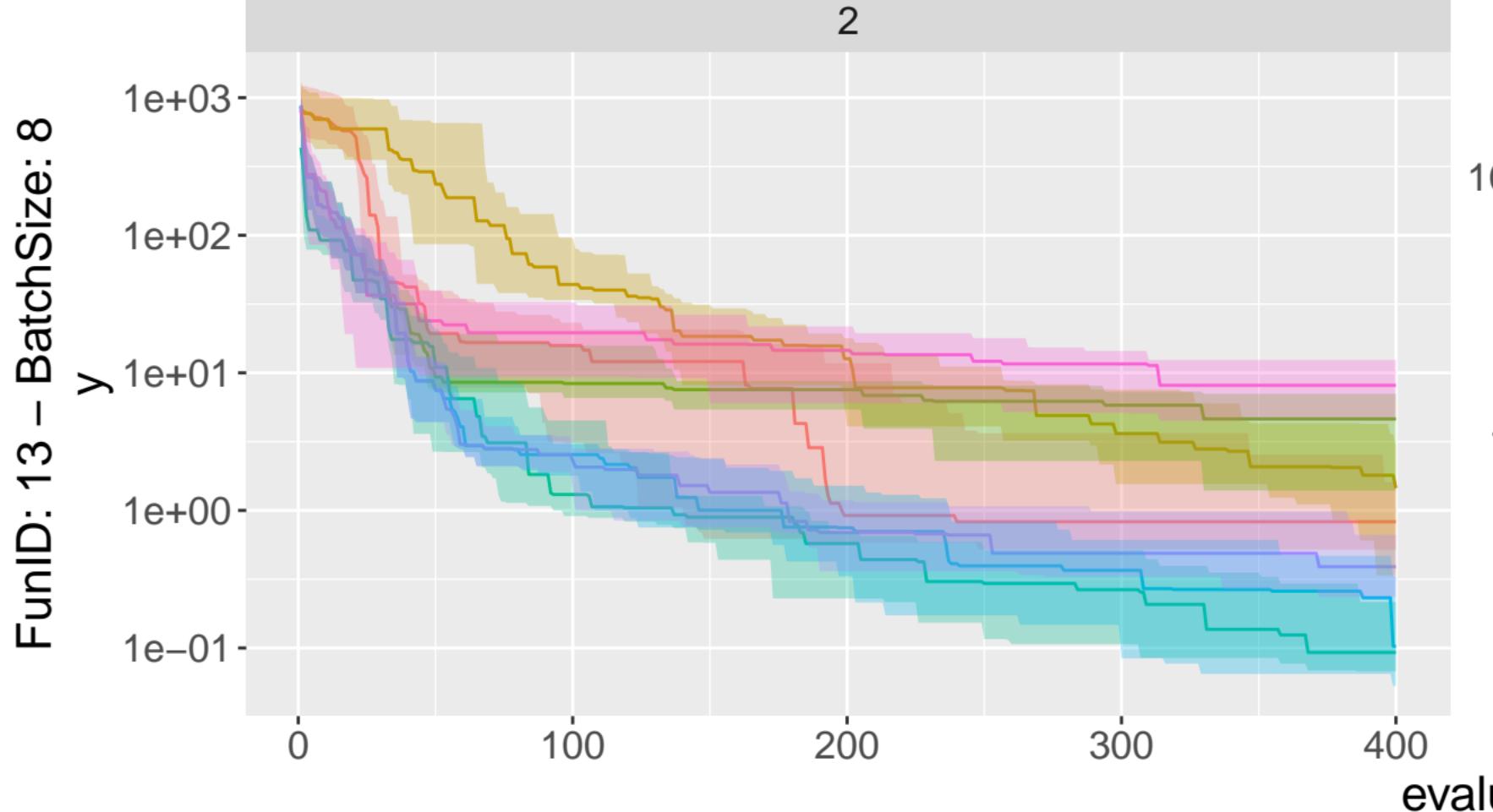


algName

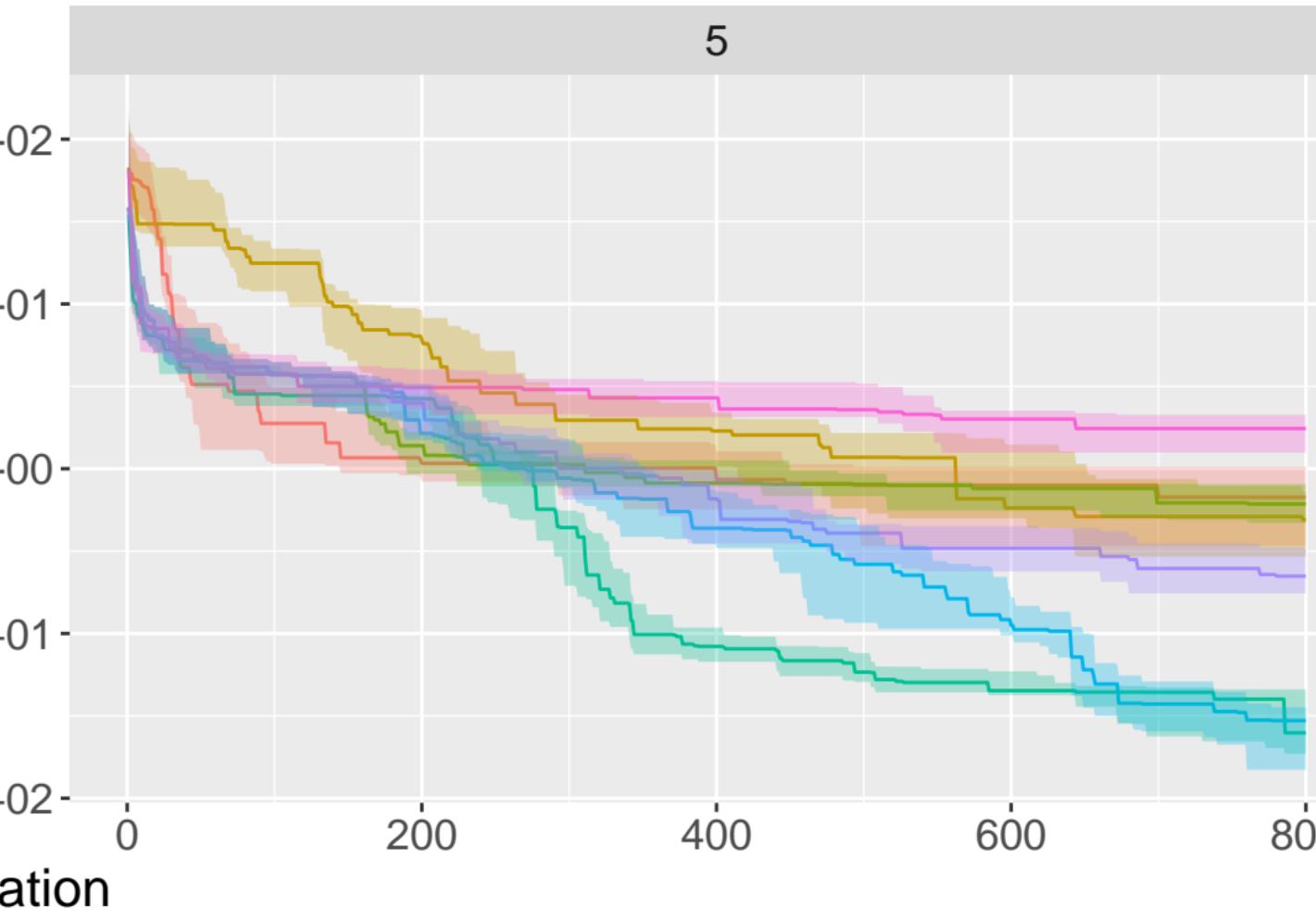
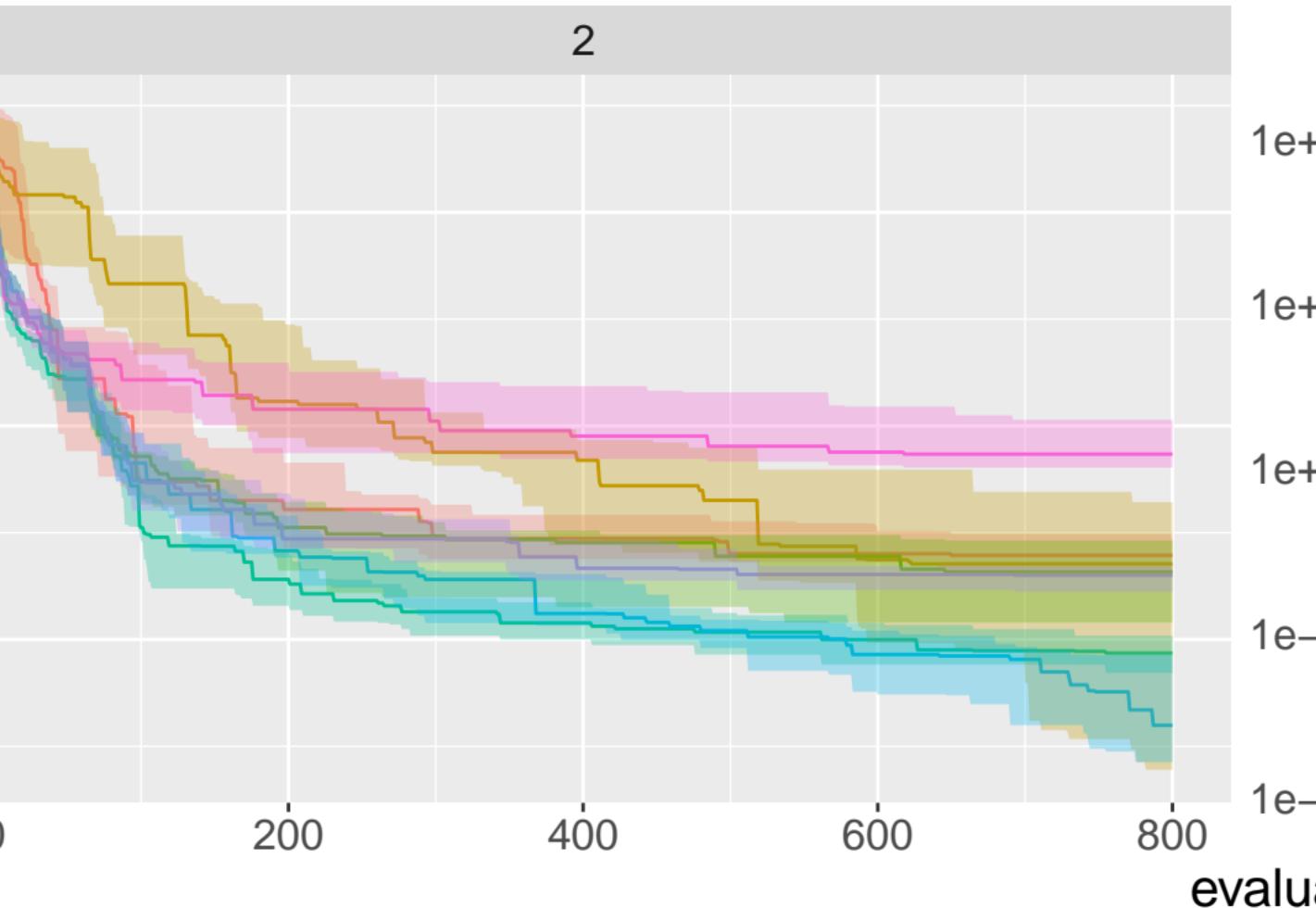
- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2



FunID: 13 – BatchSize: 8

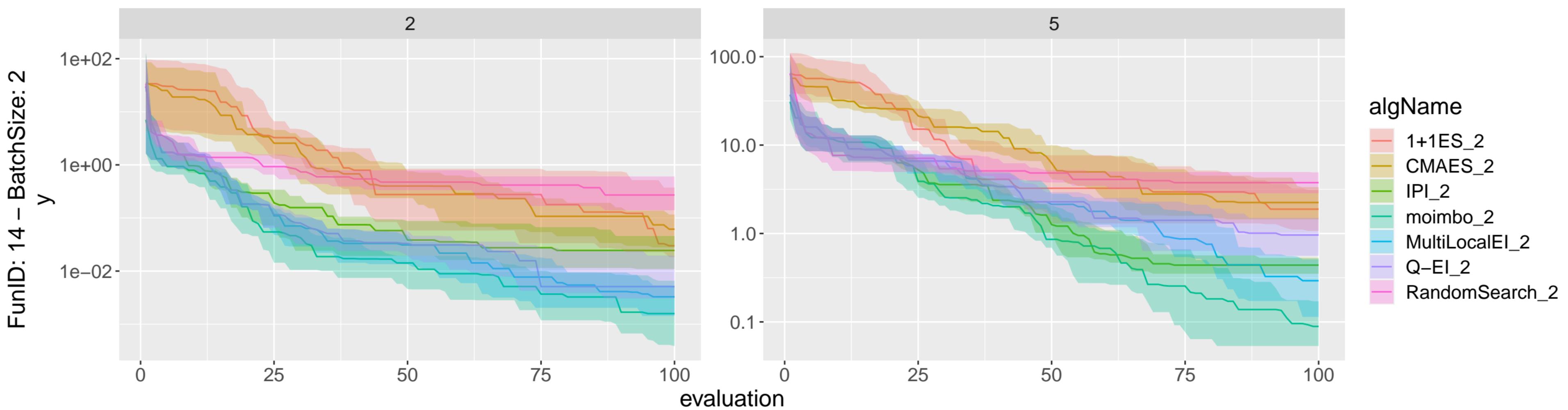


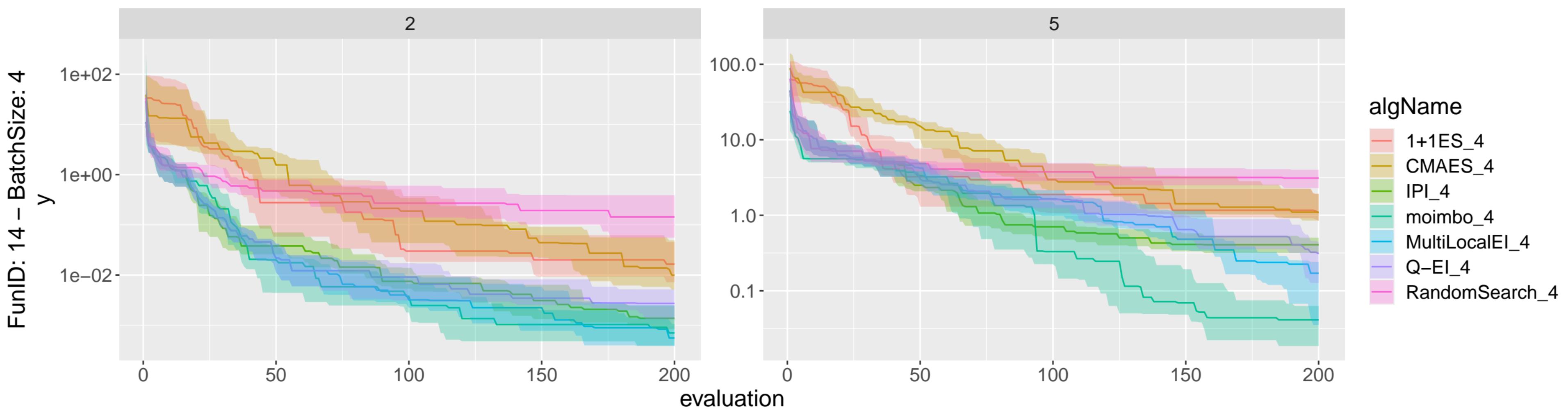
FunID: 14 – BatchSize: 16



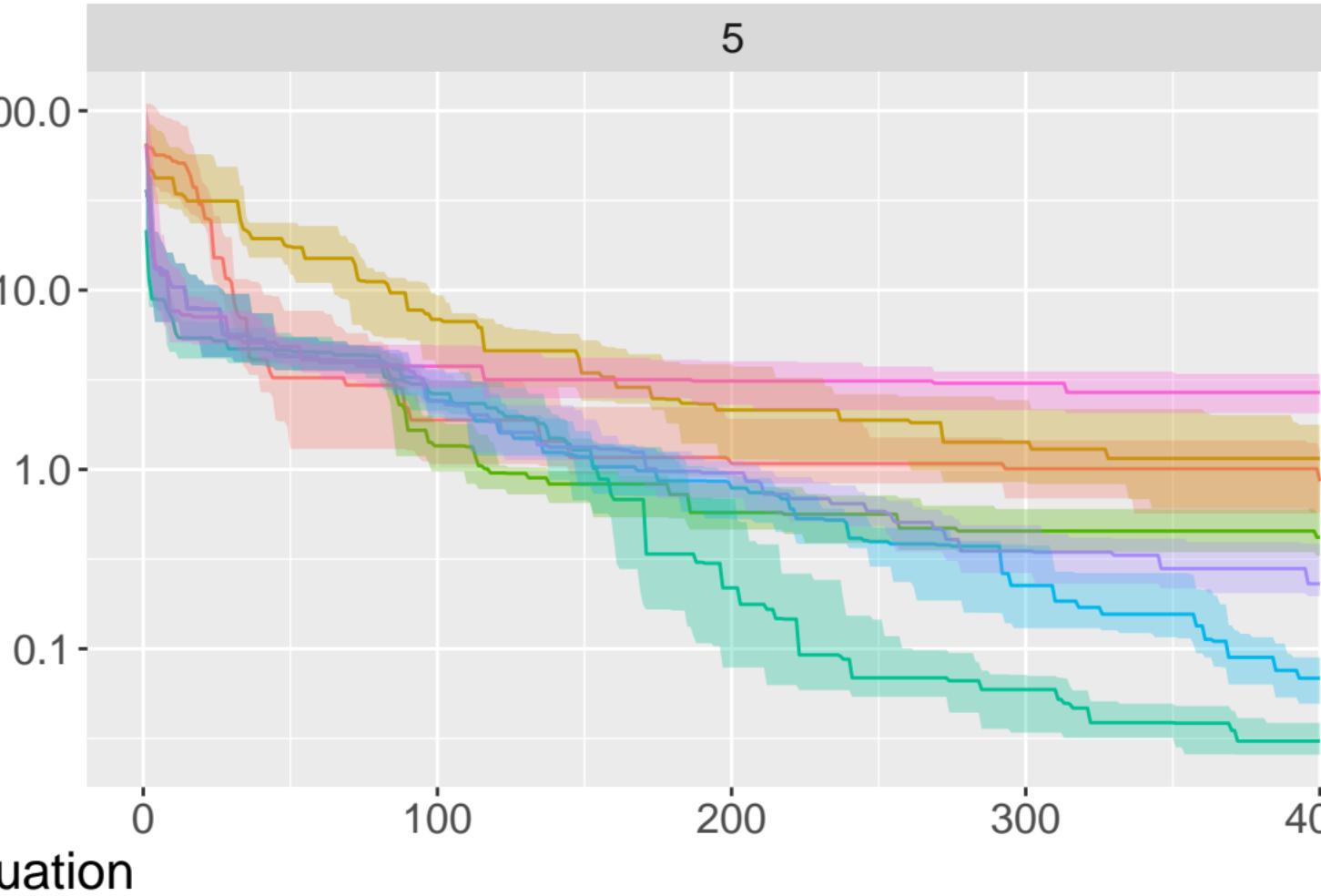
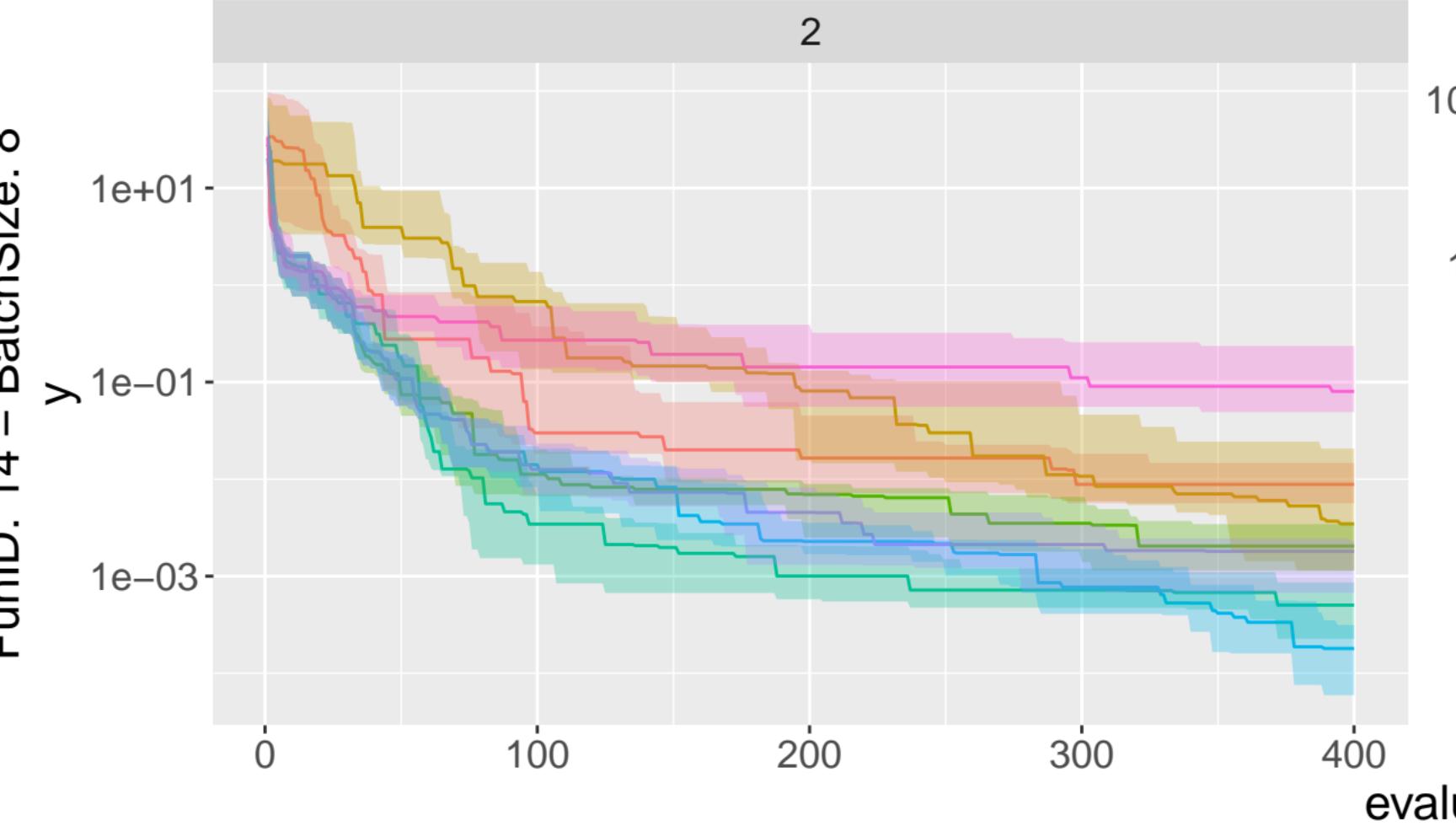
algName

- 1+1ES\_16
- CMAES\_16
- IPI\_16
- moimbo\_16
- MultiLocalEI\_16
- Q-EI\_16
- RandomSearch\_16

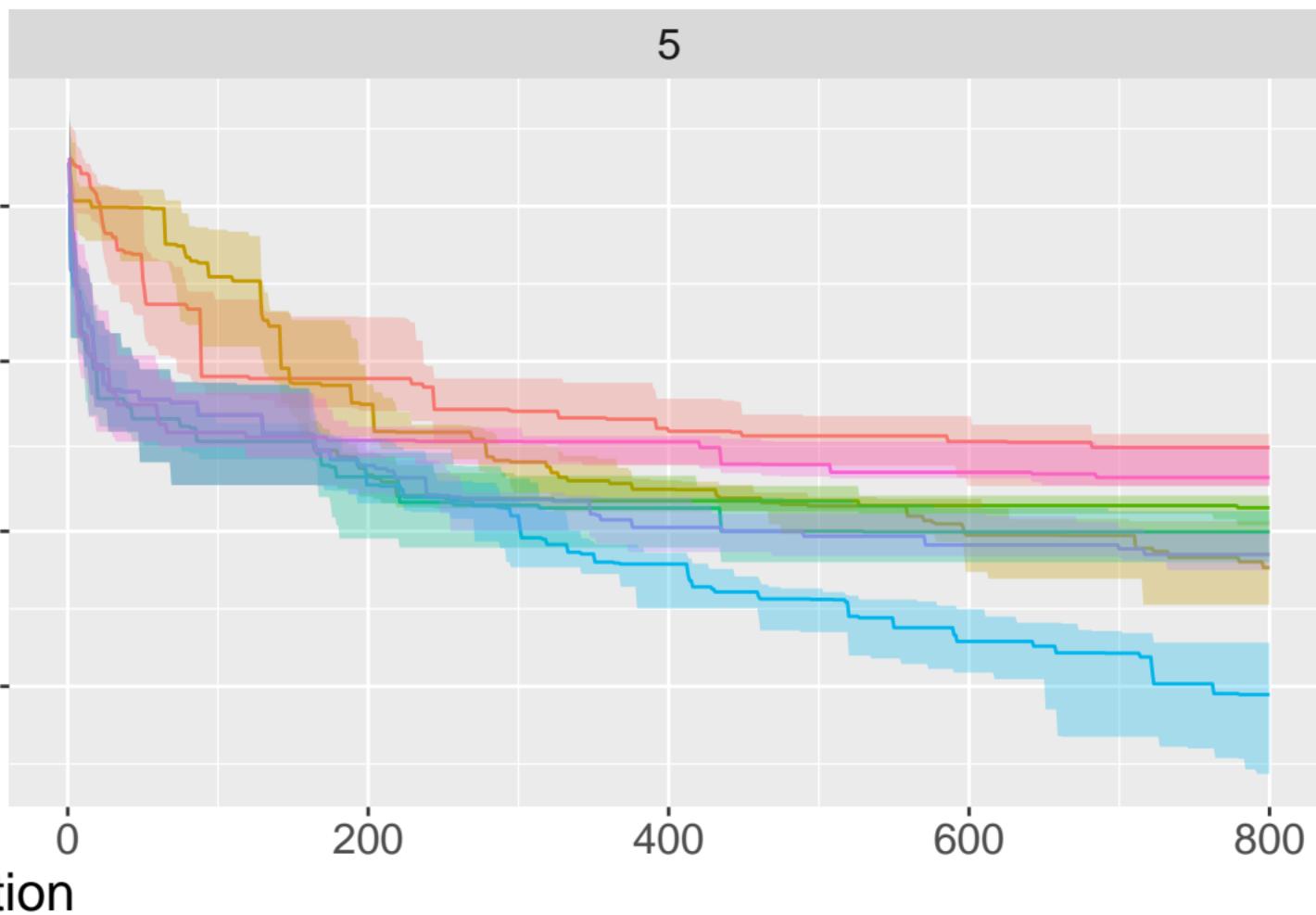
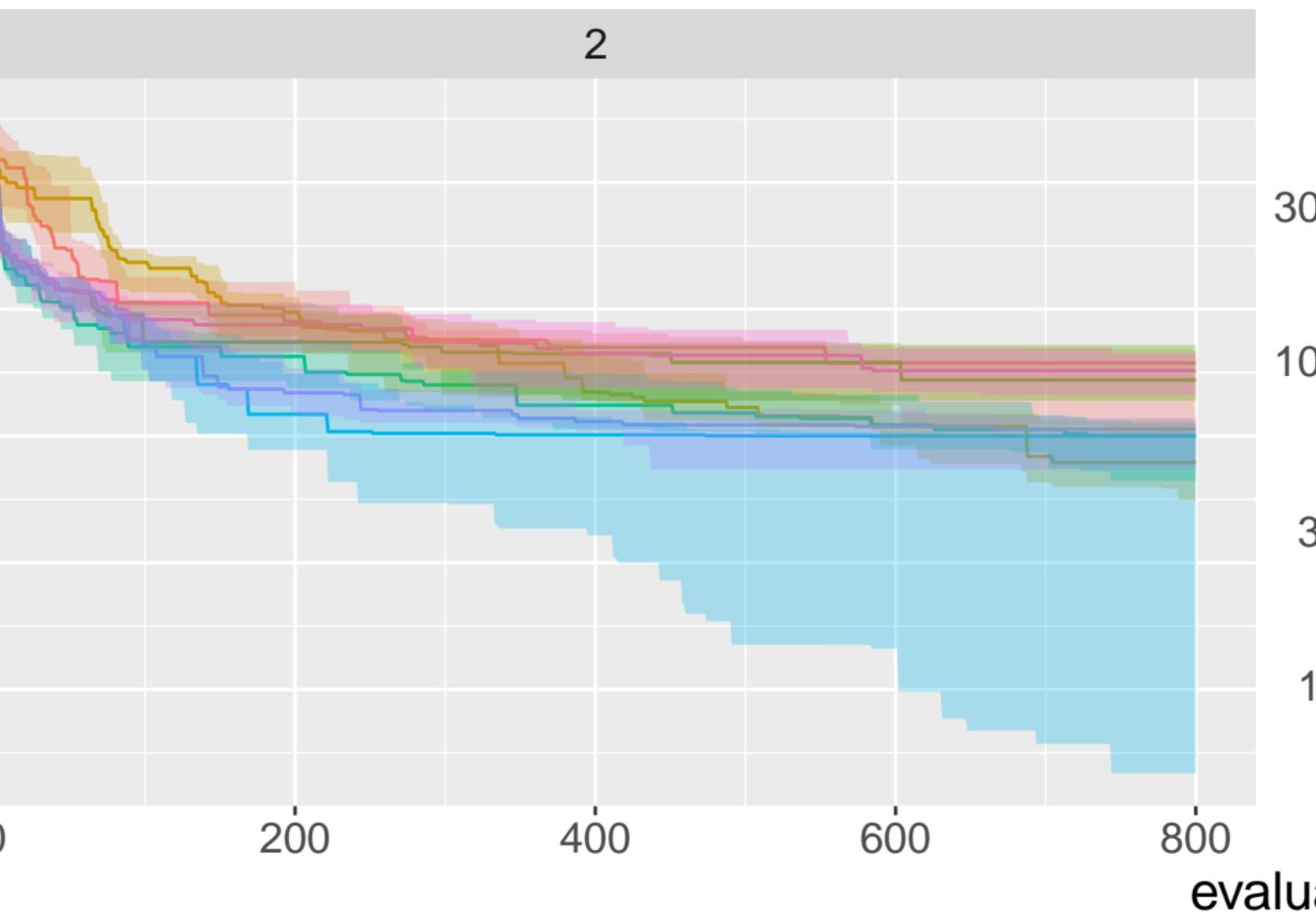




FunID: 14 – BatchSize: 8



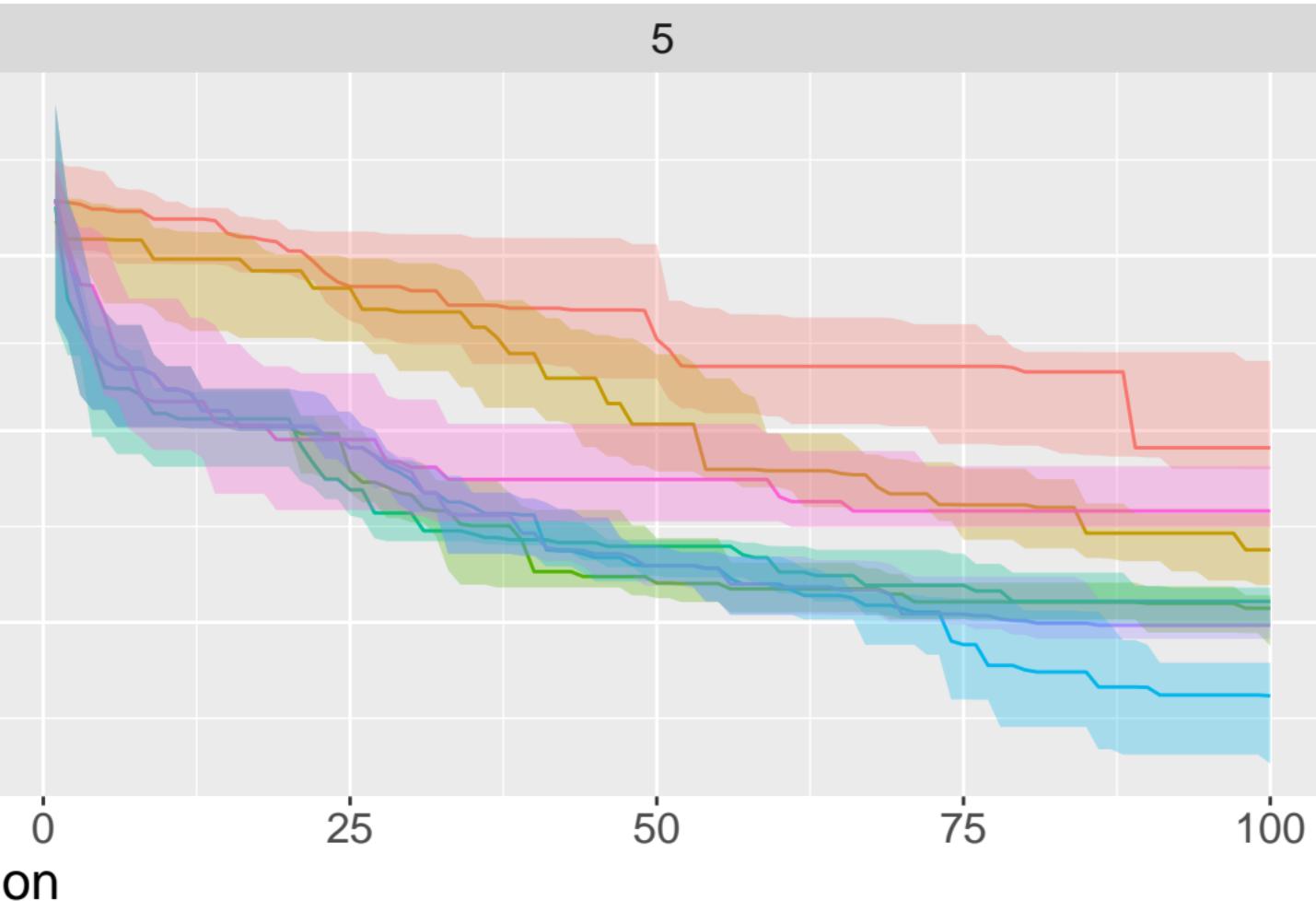
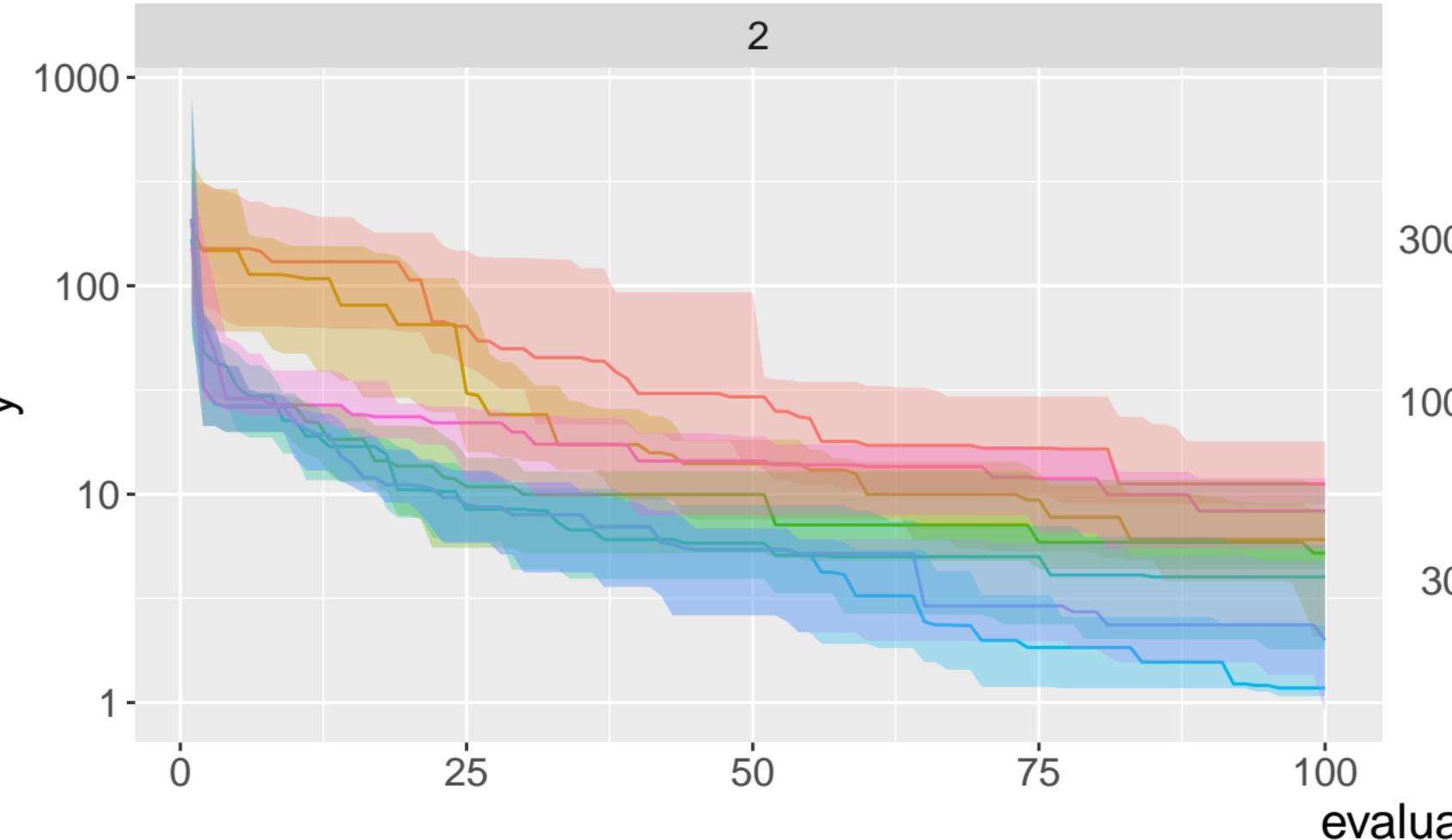
FunID: 15 – BatchSize: 16



algName

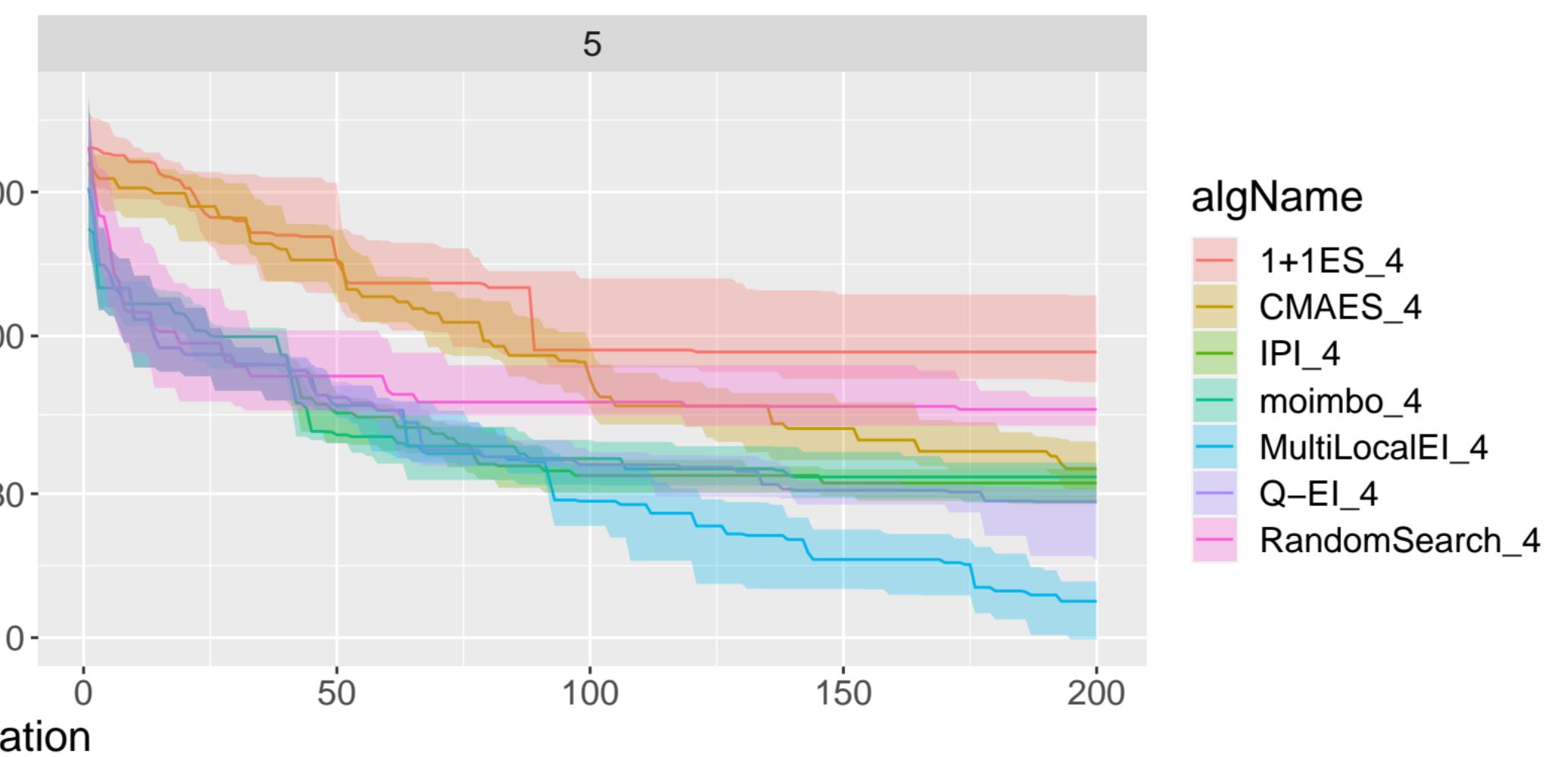
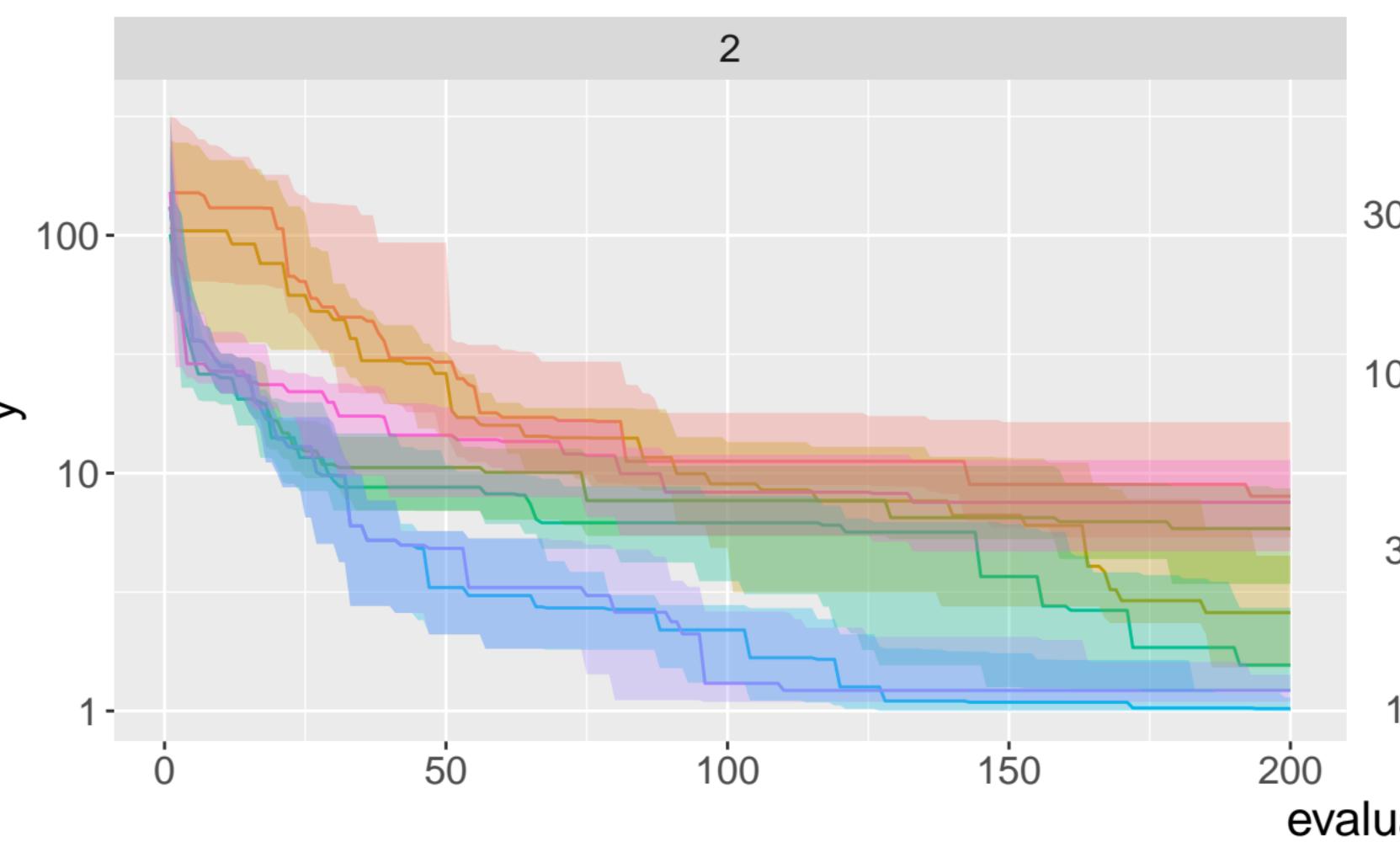
- 1+1ES\_16
- CMAES\_16
- IPI\_16
- moimbo\_16
- MultiLocalEI\_16
- Q-EI\_16
- RandomSearch\_16

FunID: 15 – BatchSize: 2



algName
1+1ES_2
CMAES_2
IPI_2
moimbo_2
MultiLocalEI_2
Q-EI_2
RandomSearch_2

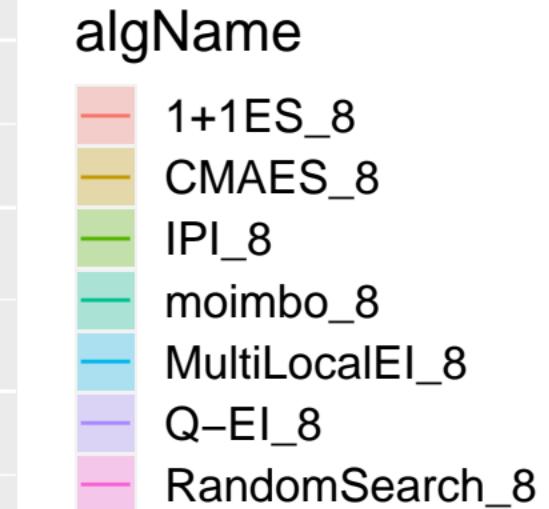
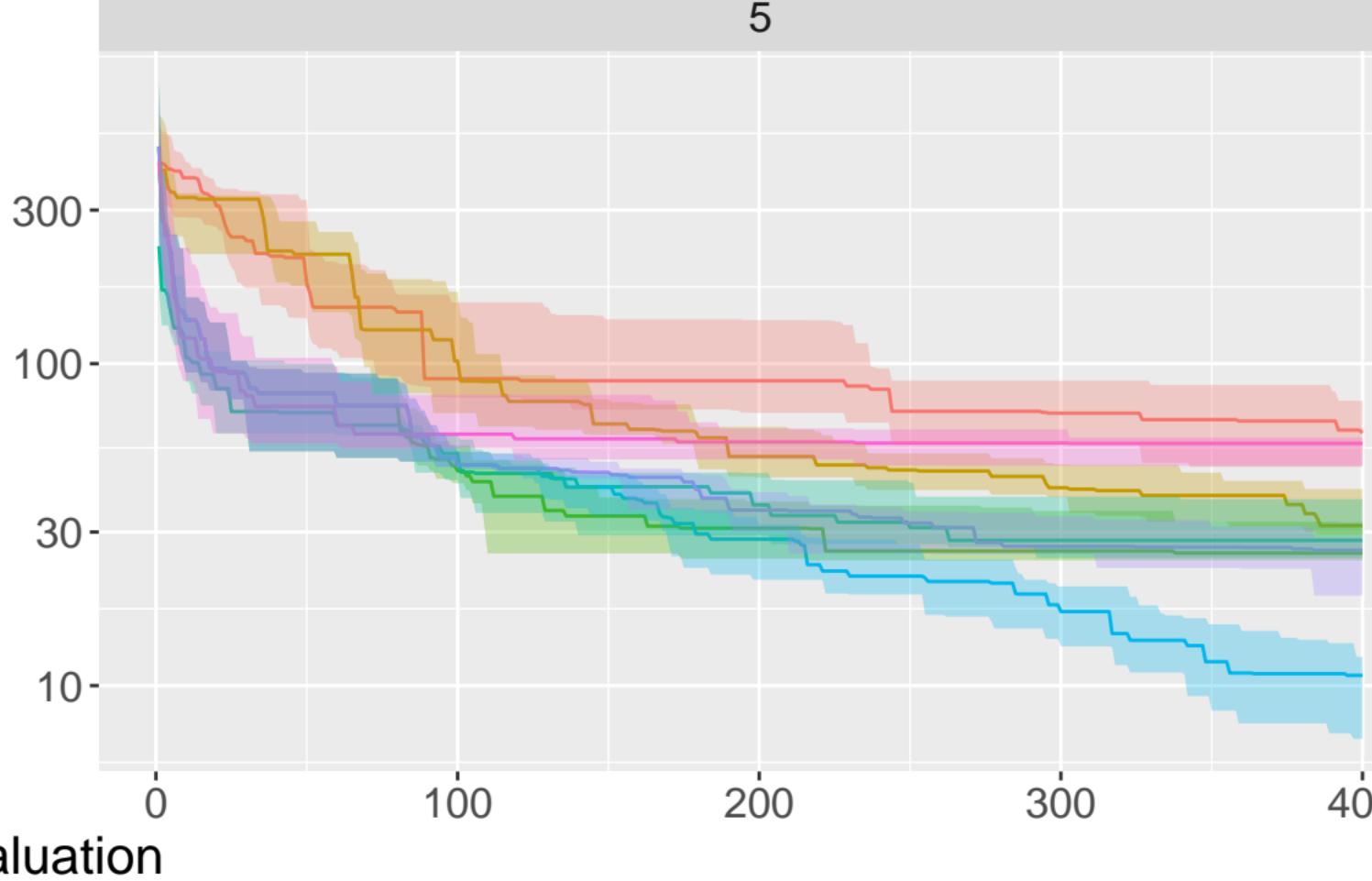
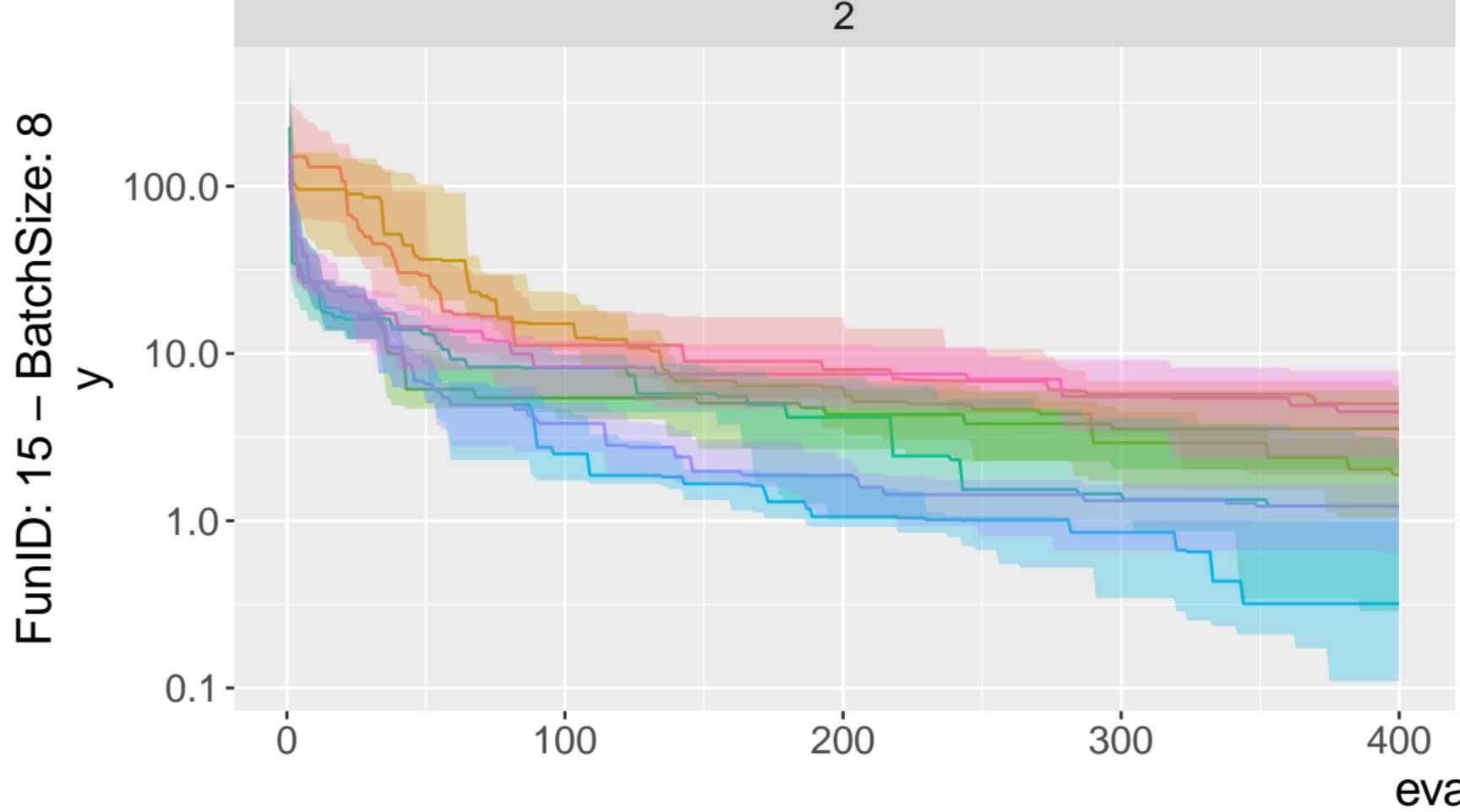
FunID: 15 – BatchSize: 4



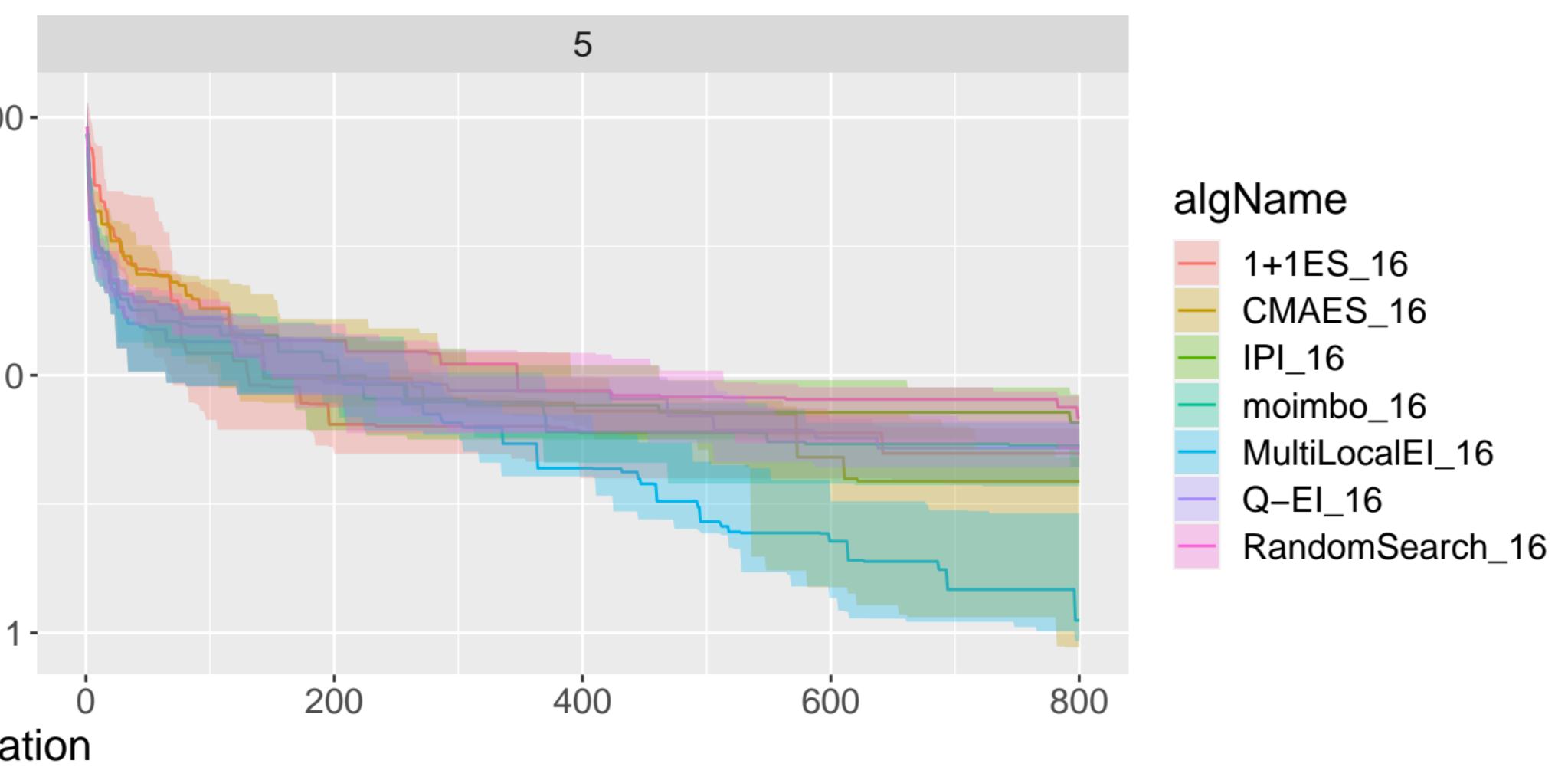
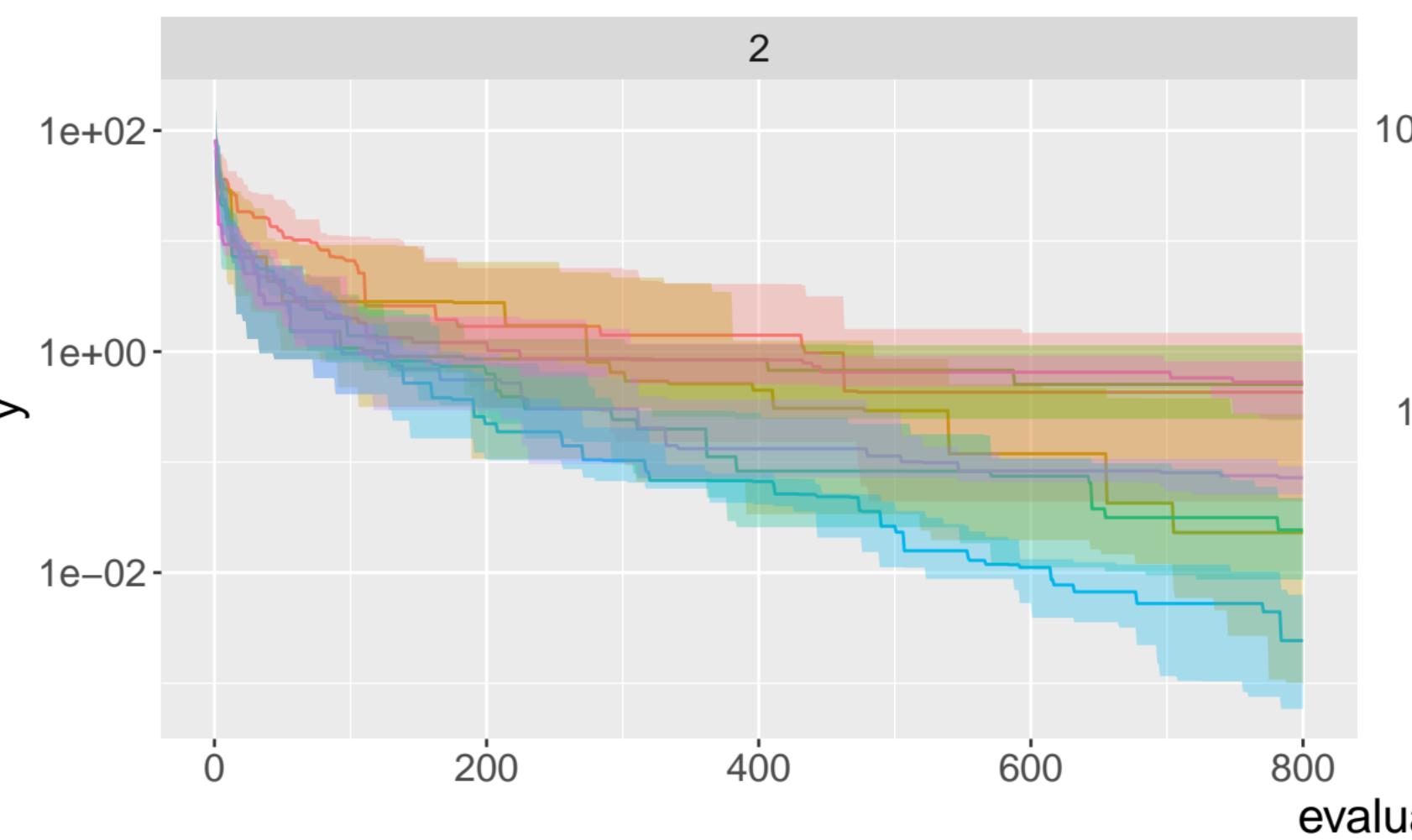
algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

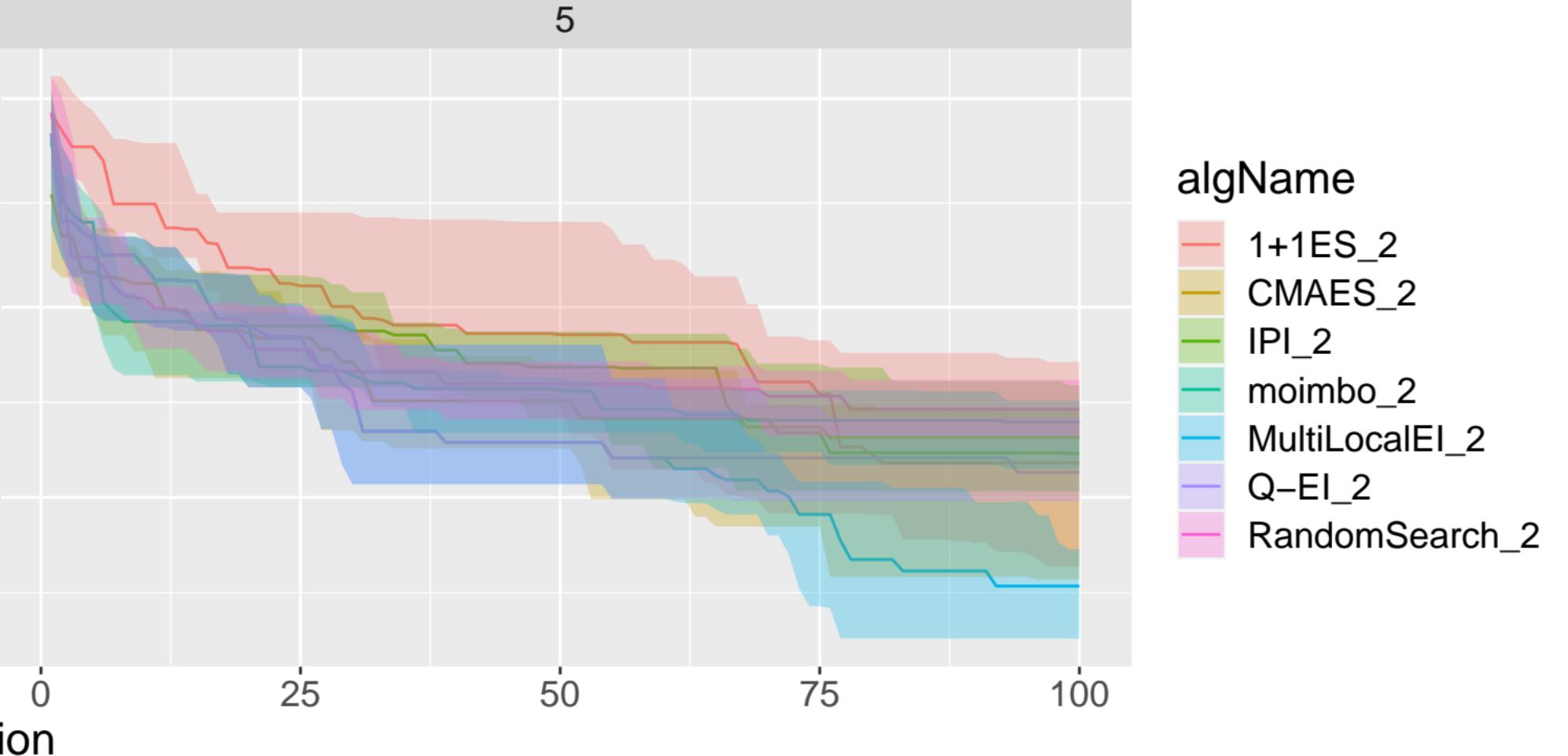
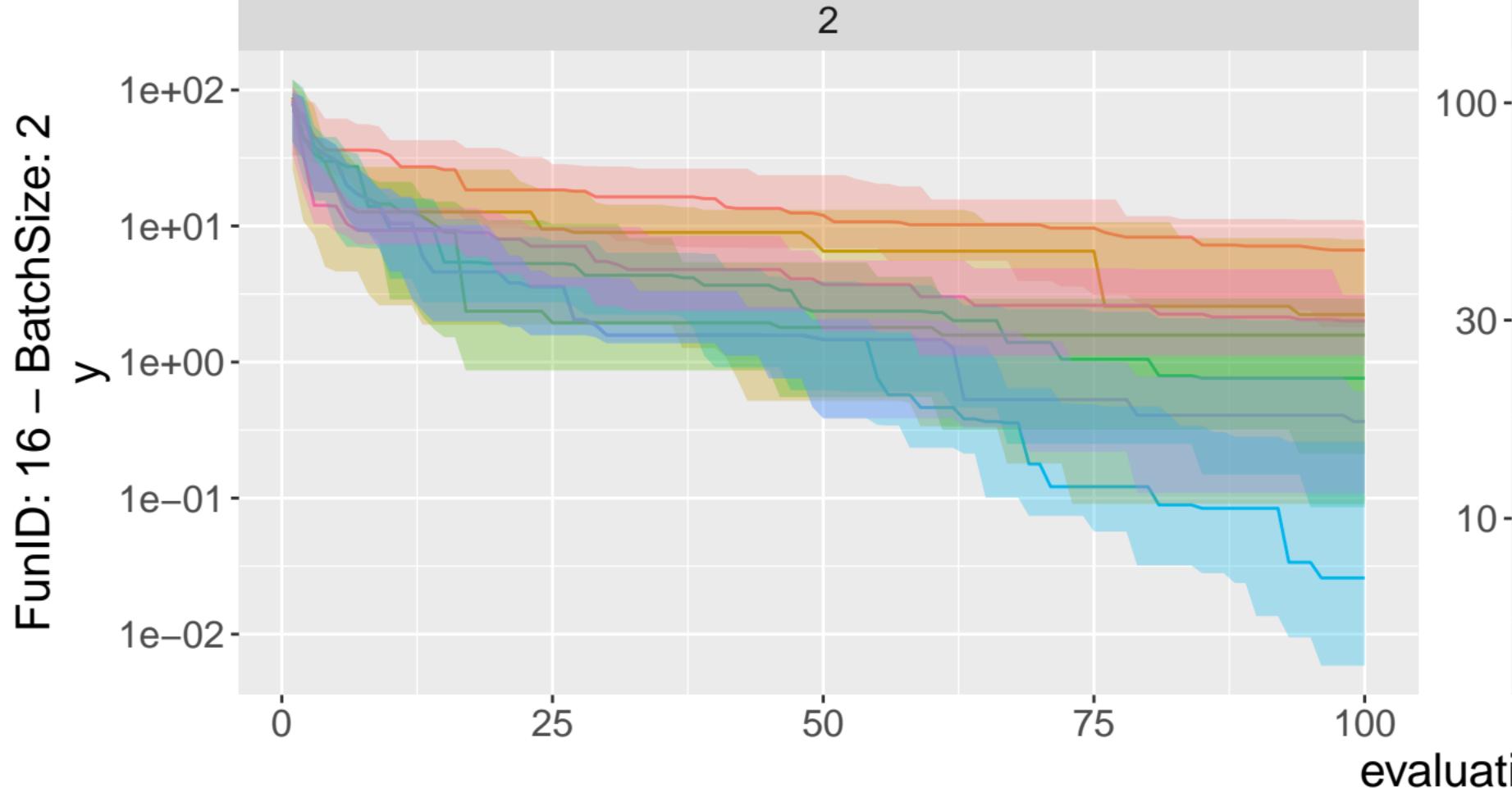
FunID: 15 – BatchSize: 8



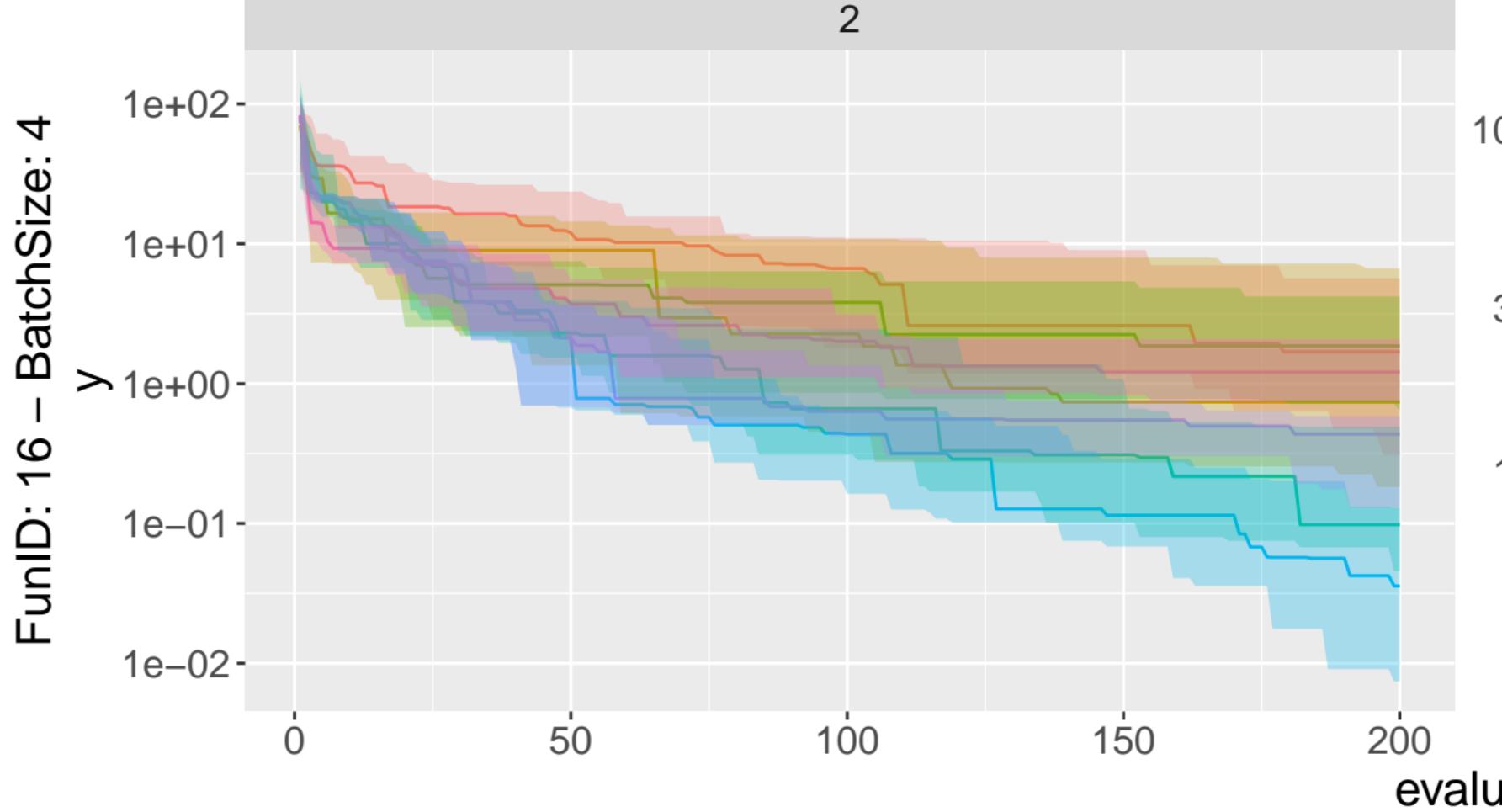
FunID: 16 – BatchSize: 16



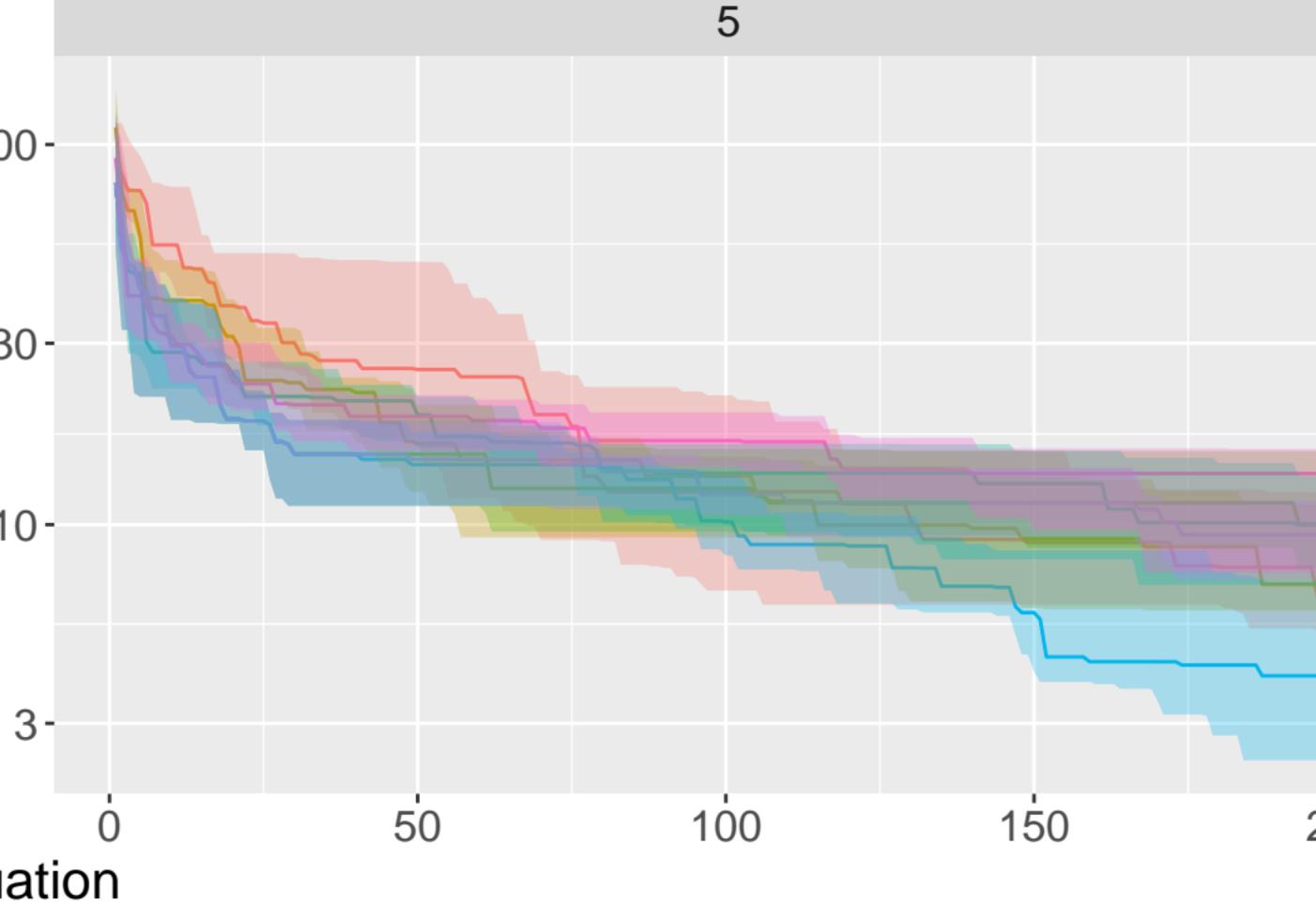
FunID: 16 – BatchSize: 2



FunID: 16 – BatchSize: 4



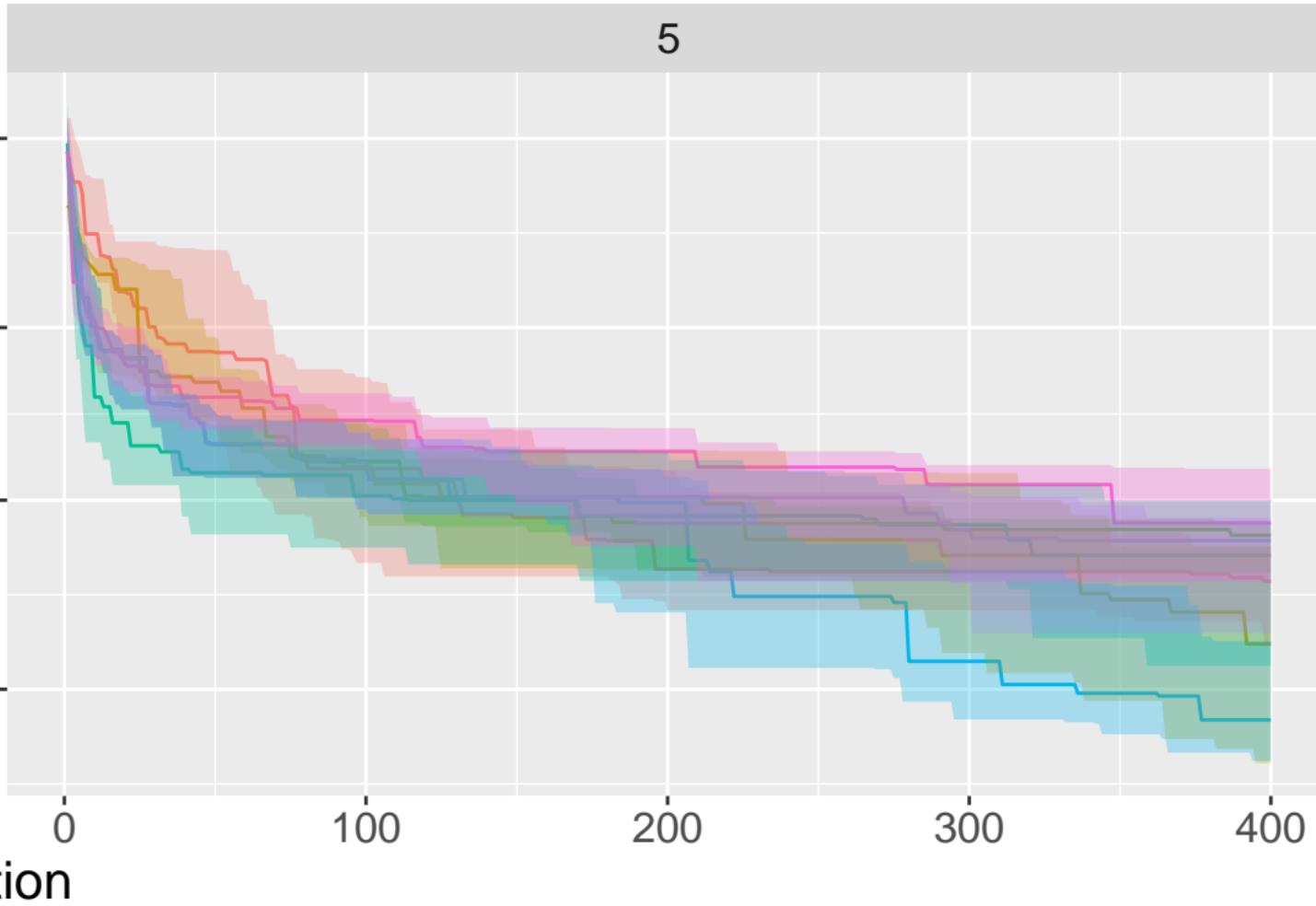
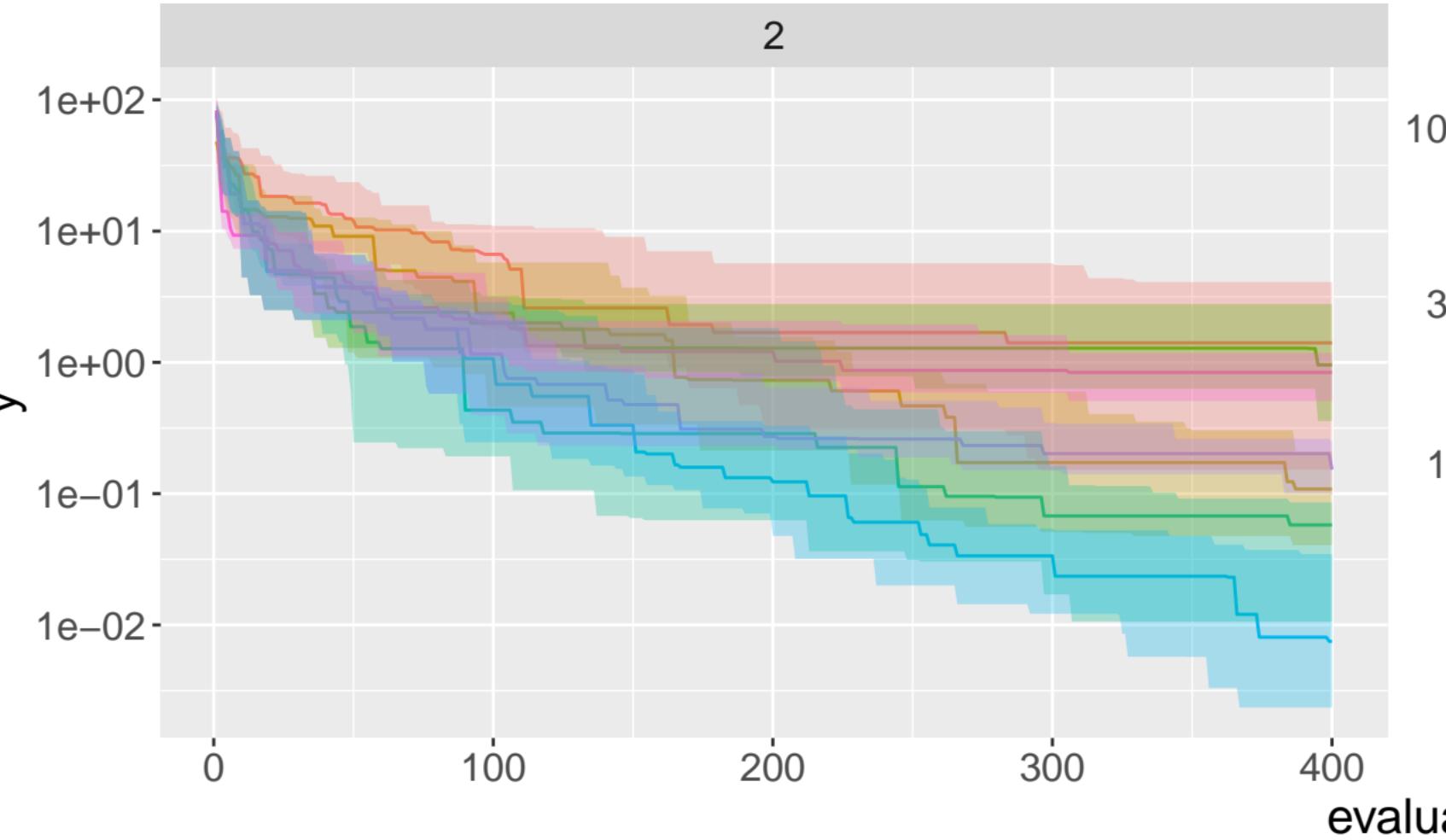
FunID: 16 – BatchSize: 4



algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

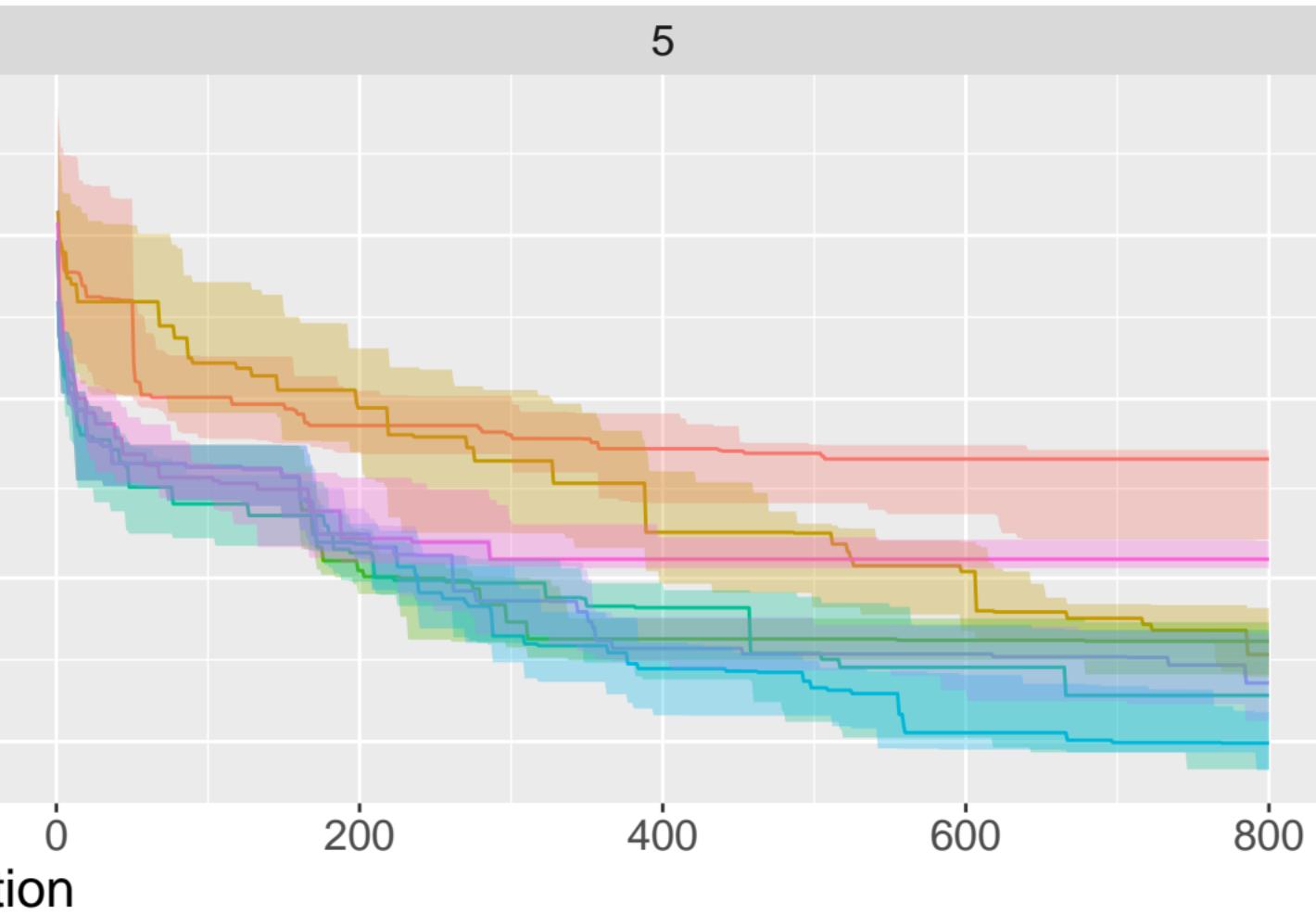
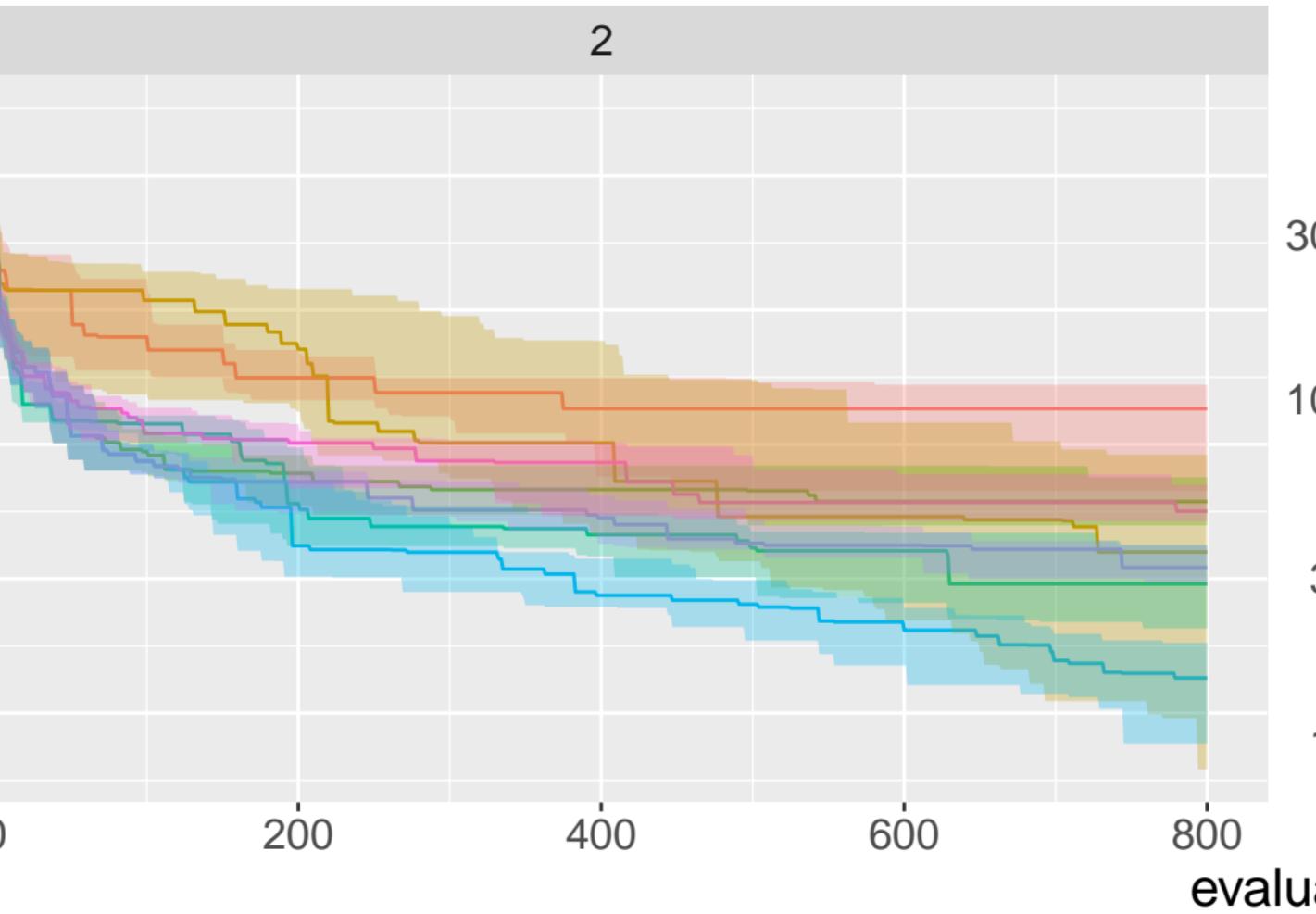
FunID: 16 – BatchSize: 8



algName

- 1+1ES\_8
- CMAES\_8
- IPI\_8
- moimbo\_8
- MultiLocalEI\_8
- Q-EI\_8
- RandomSearch\_8

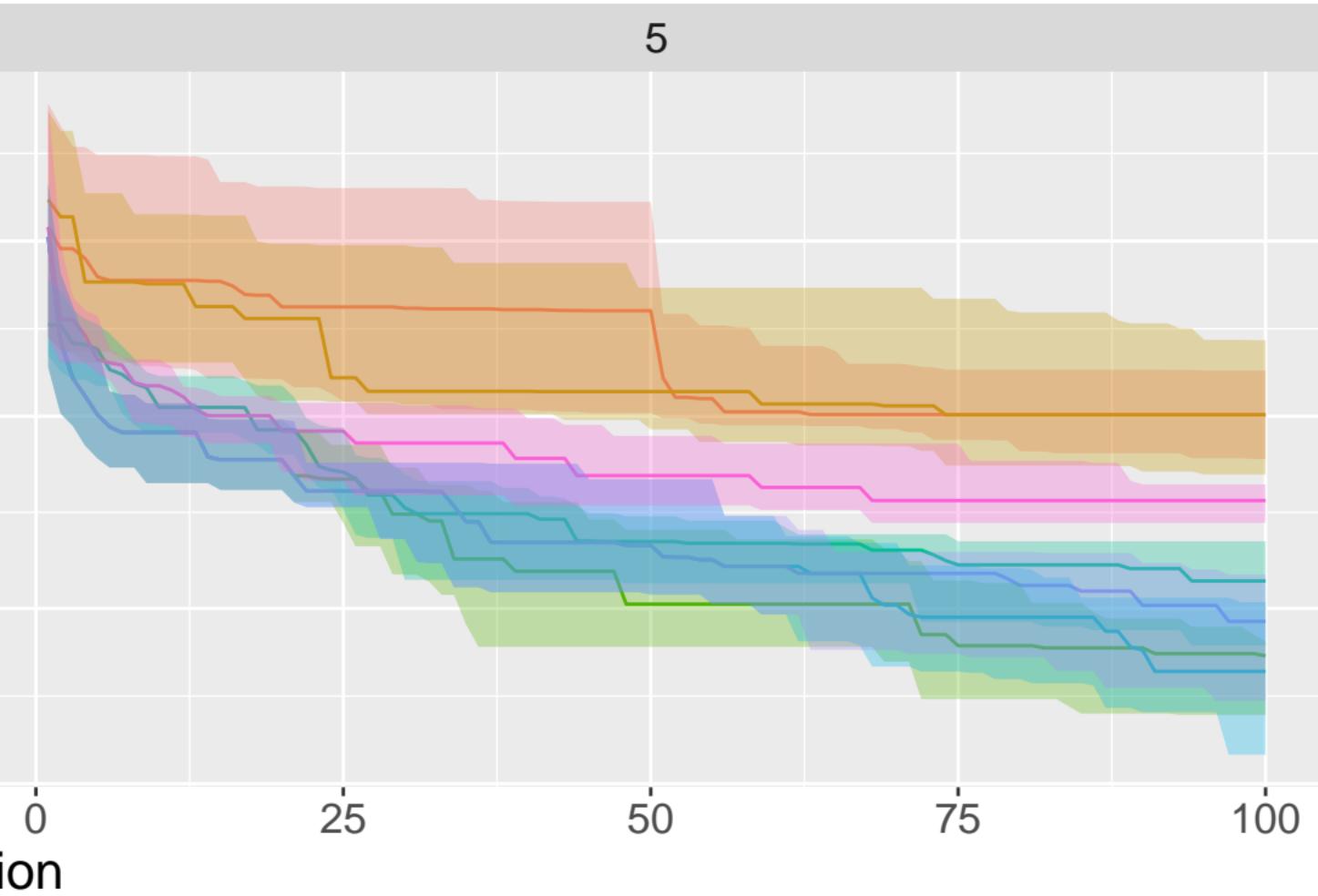
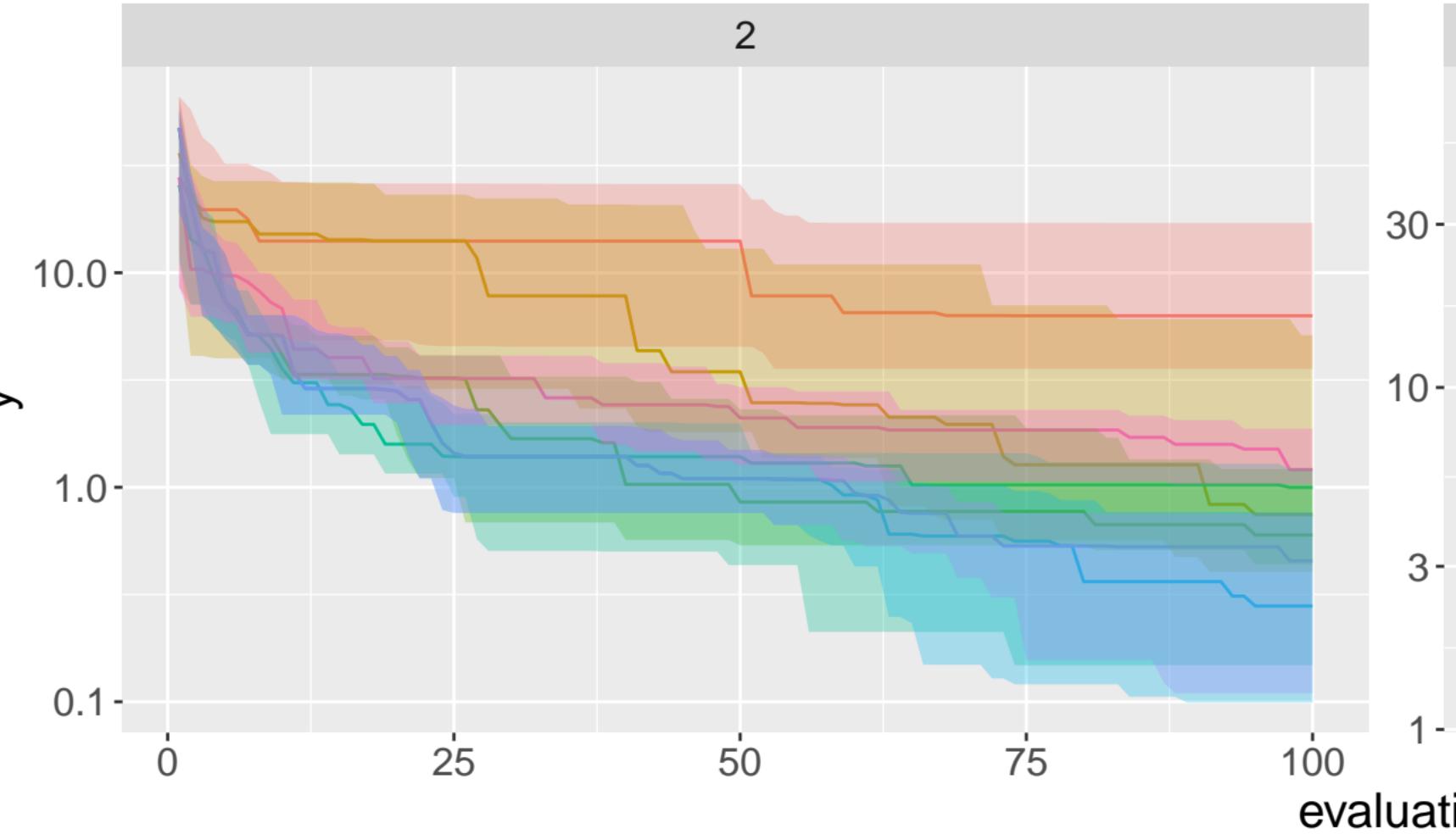
FunID: 17 – BatchSize: 16



algName

- 1+1ES\_16
- CMAES\_16
- IPI\_16
- moimbo\_16
- MultiLocalEI\_16
- Q-EI\_16
- RandomSearch\_16

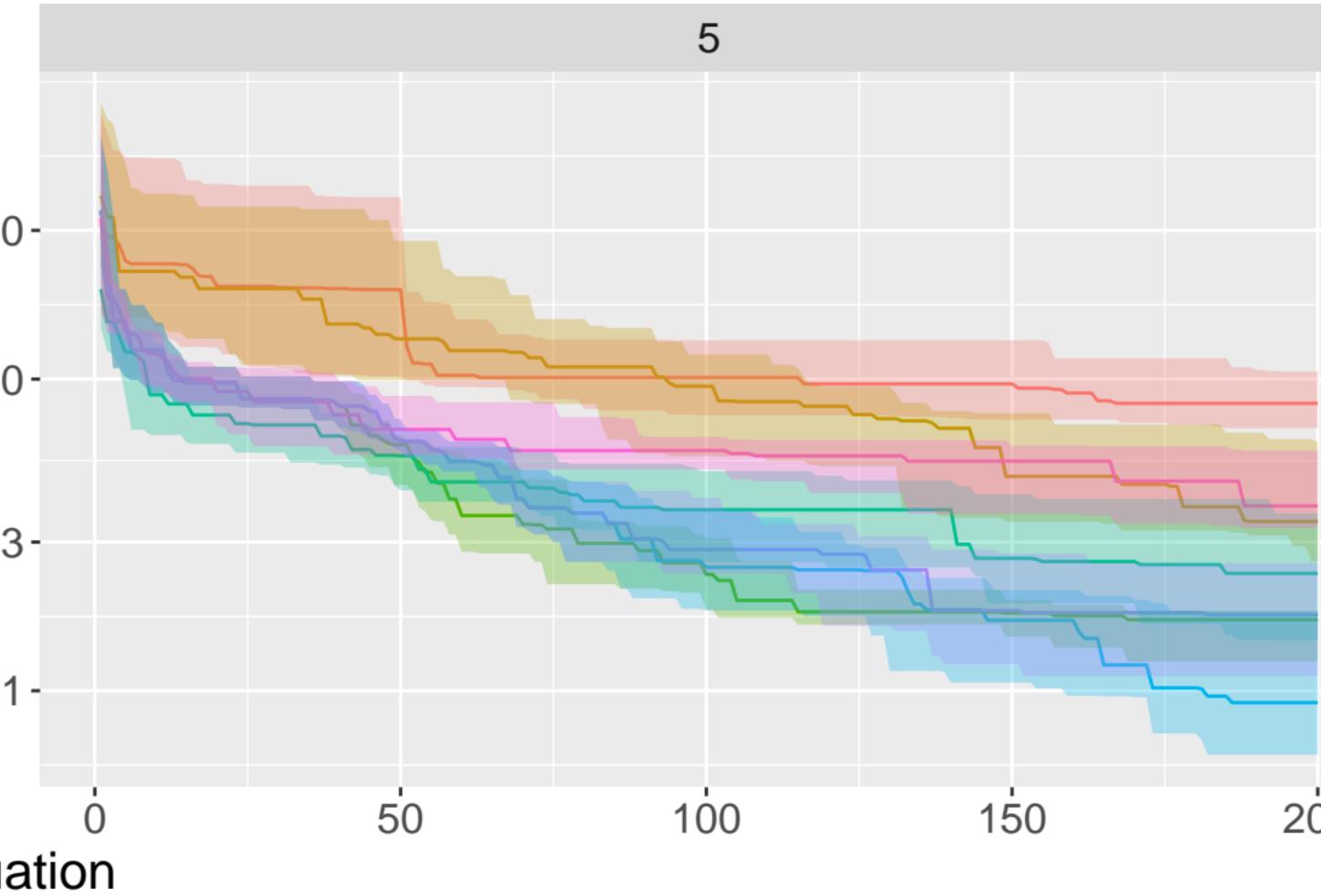
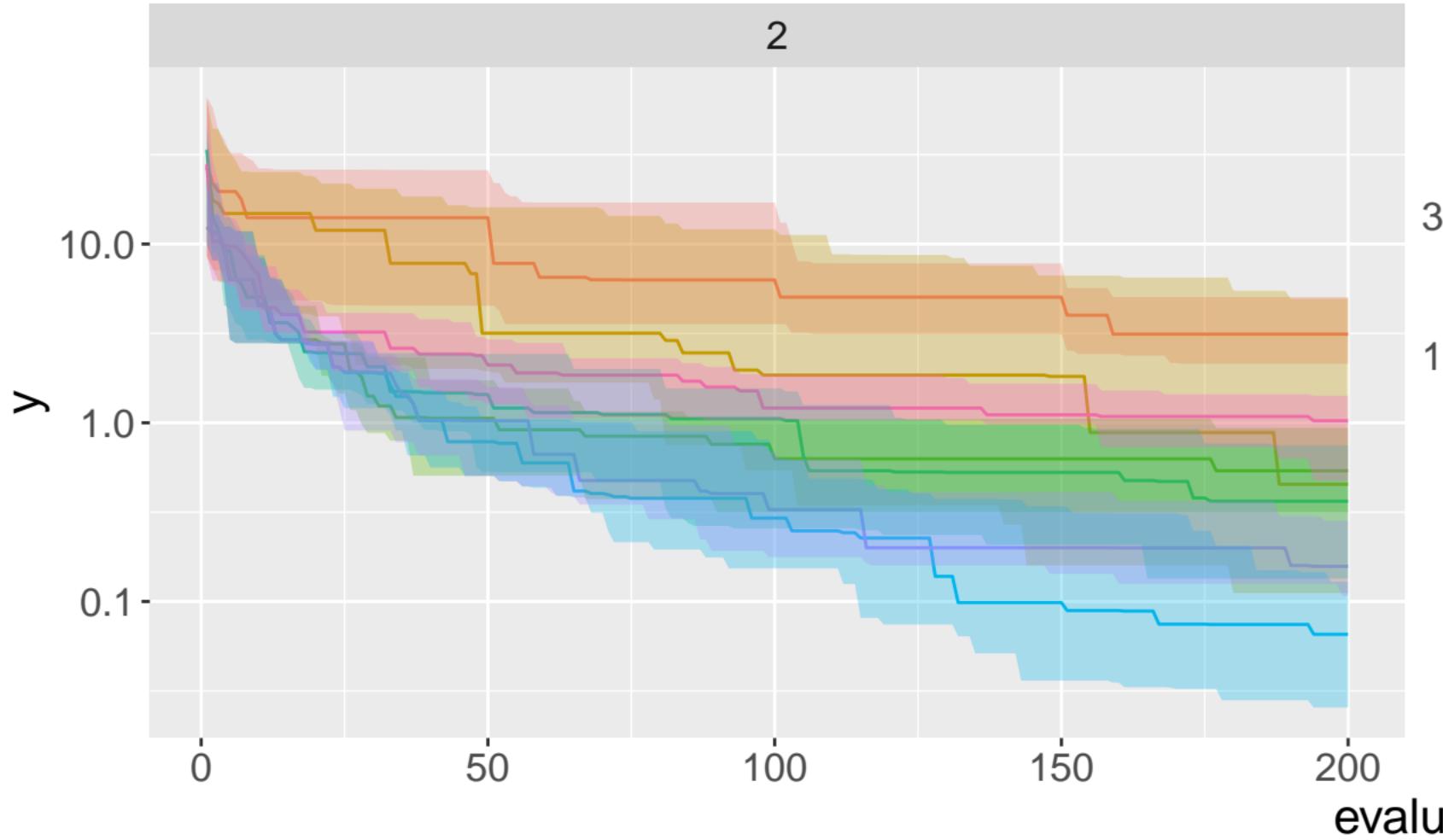
FunID: 17 – BatchSize: 2



algName

- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

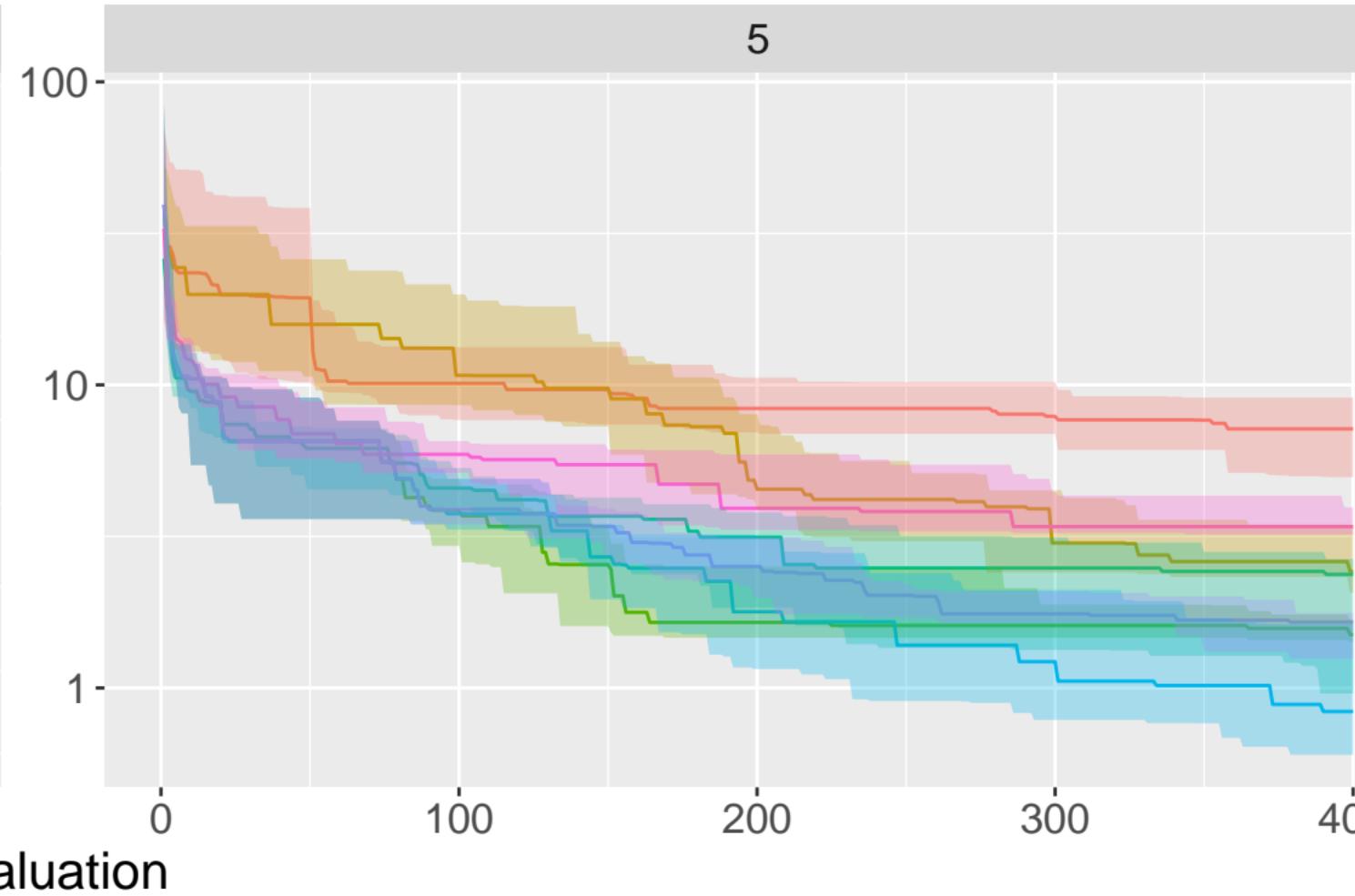
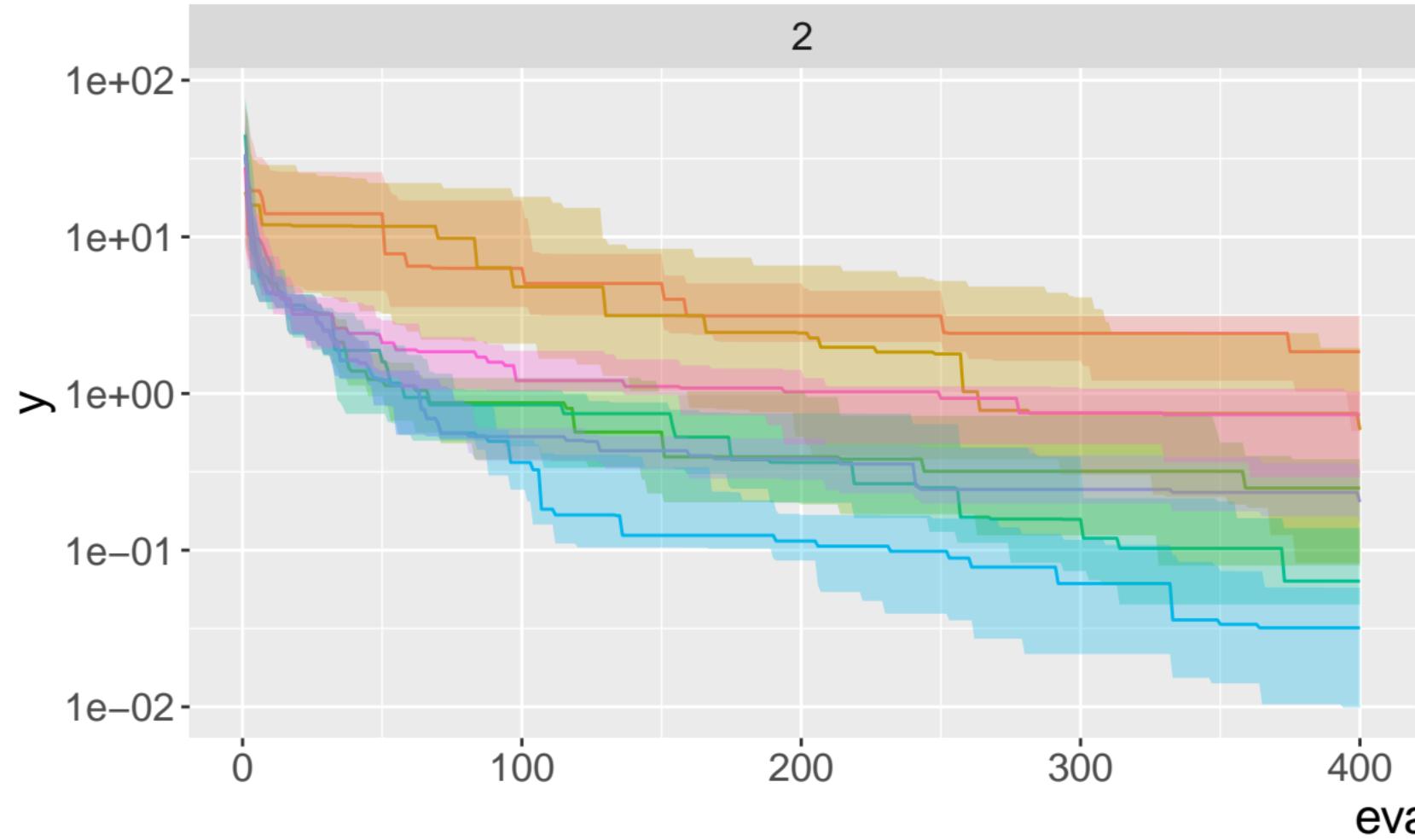
FunID: 17 – BatchSize: 4



algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

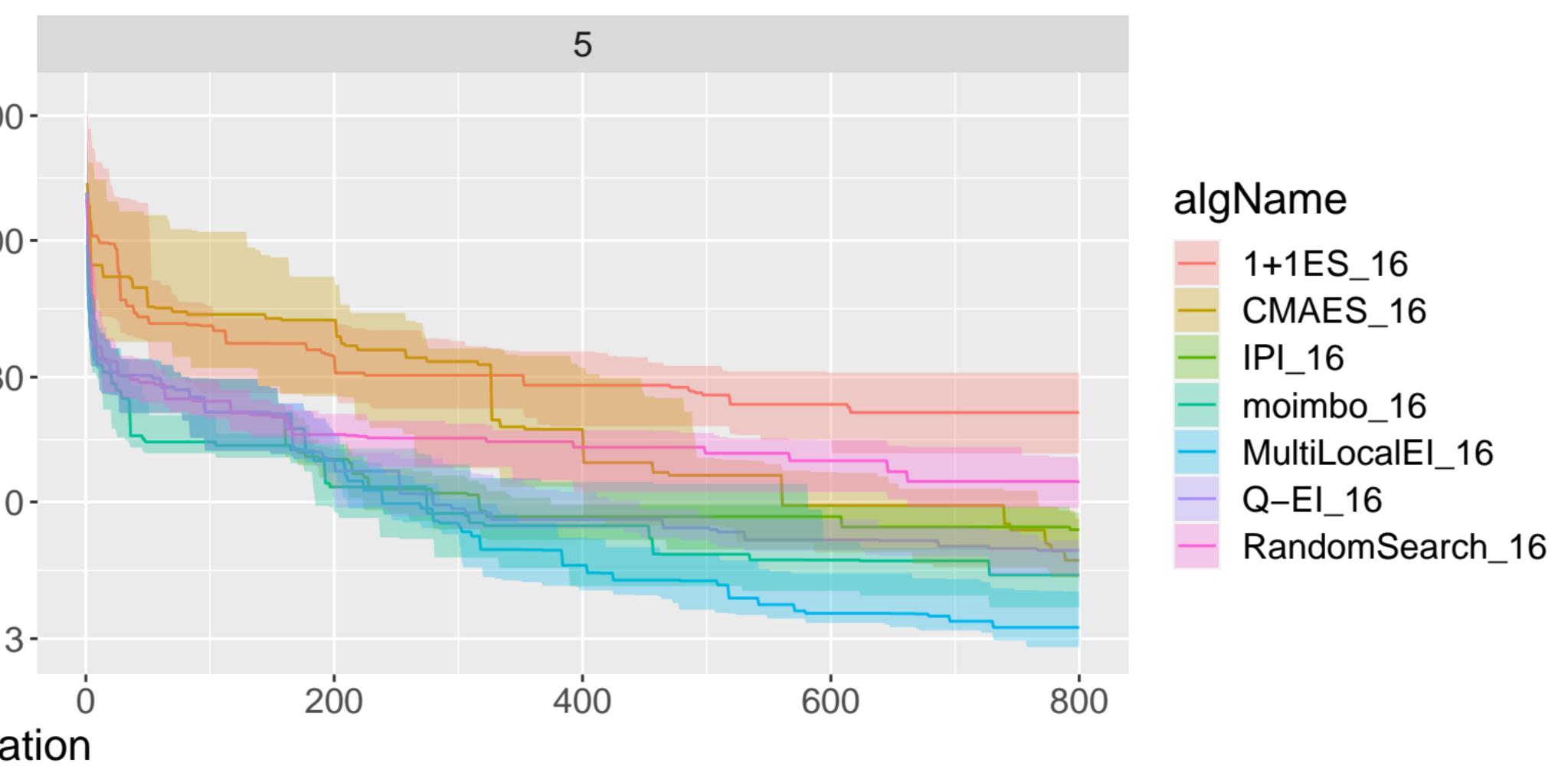
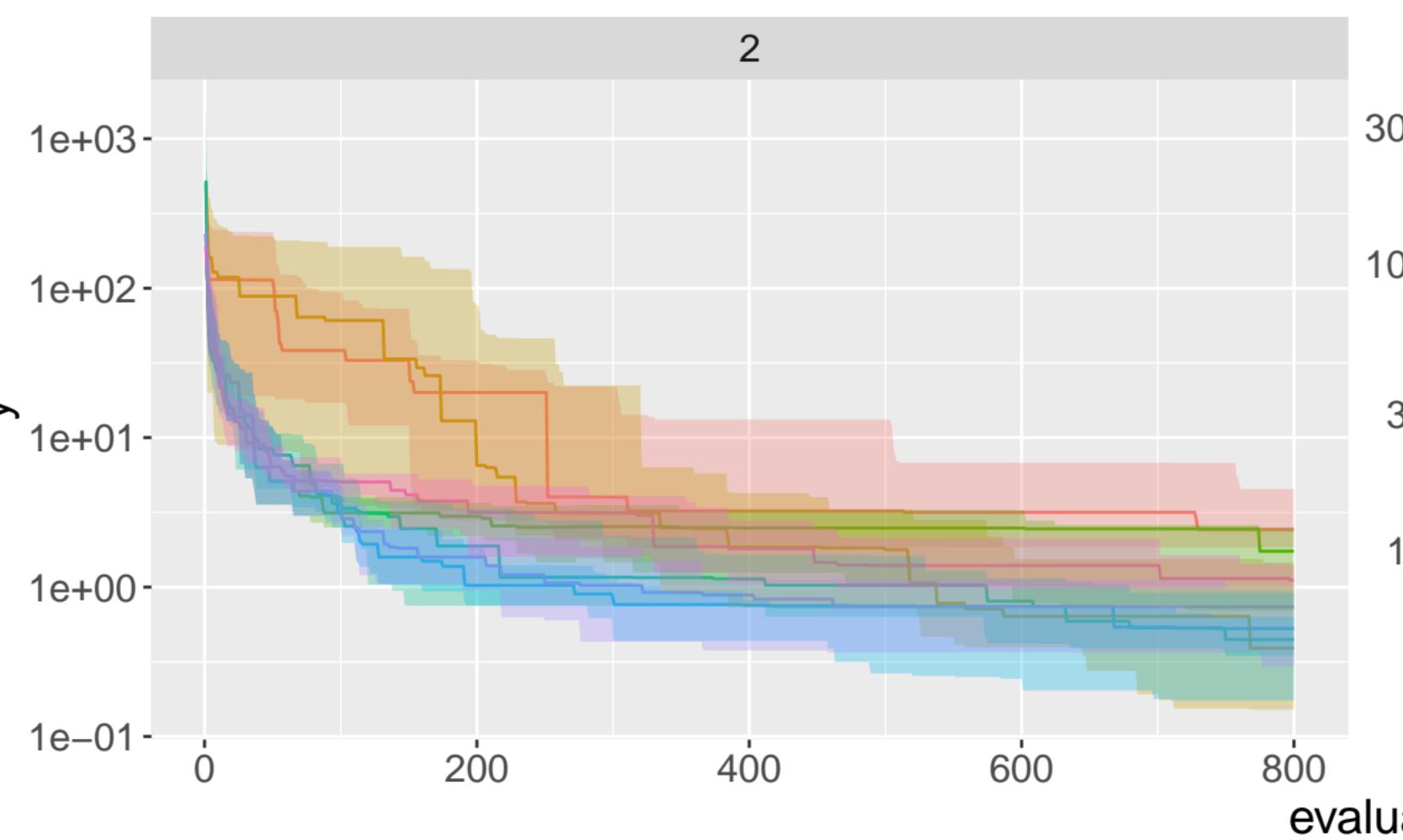
FunID: 17 - BatchSize: 8



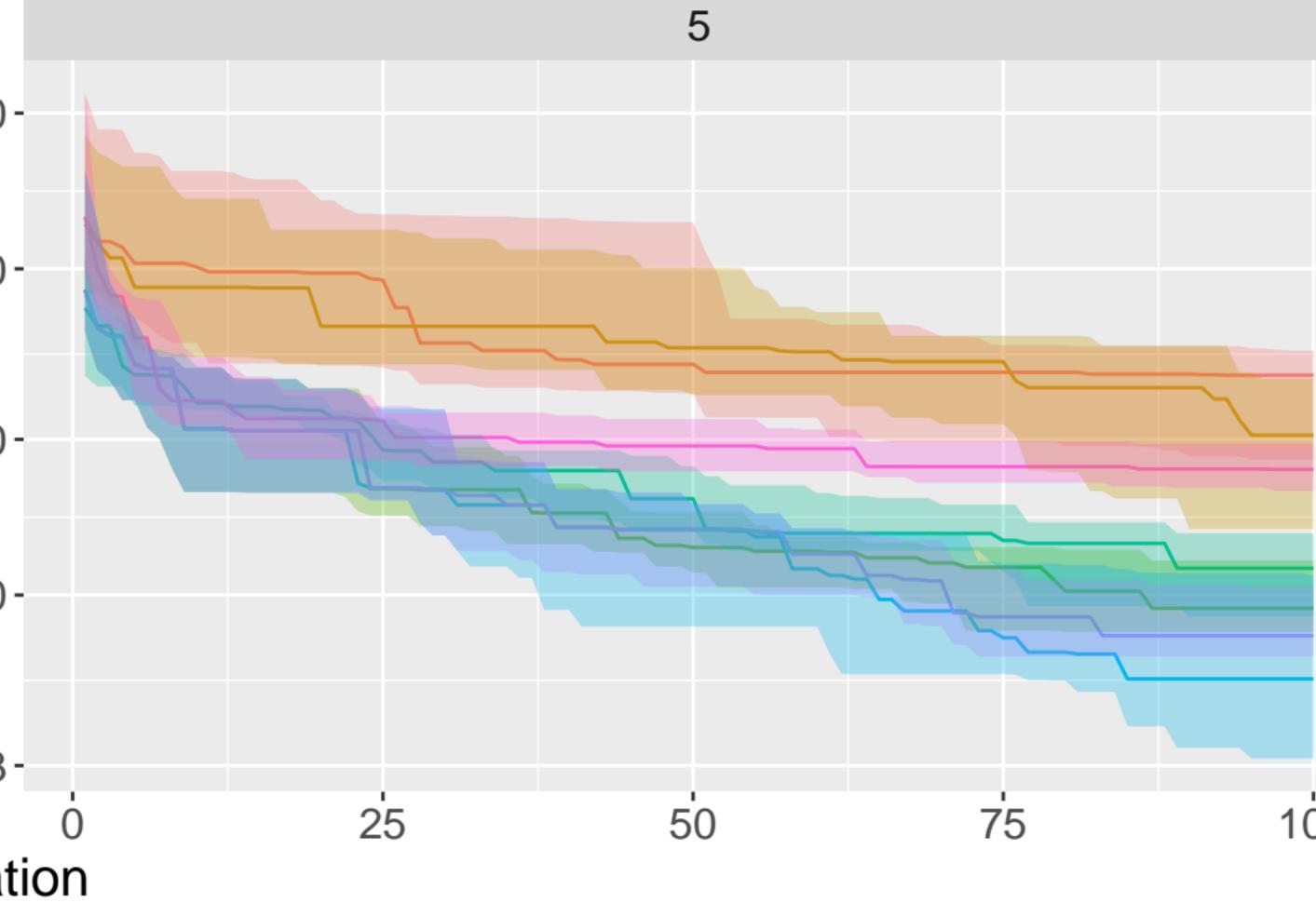
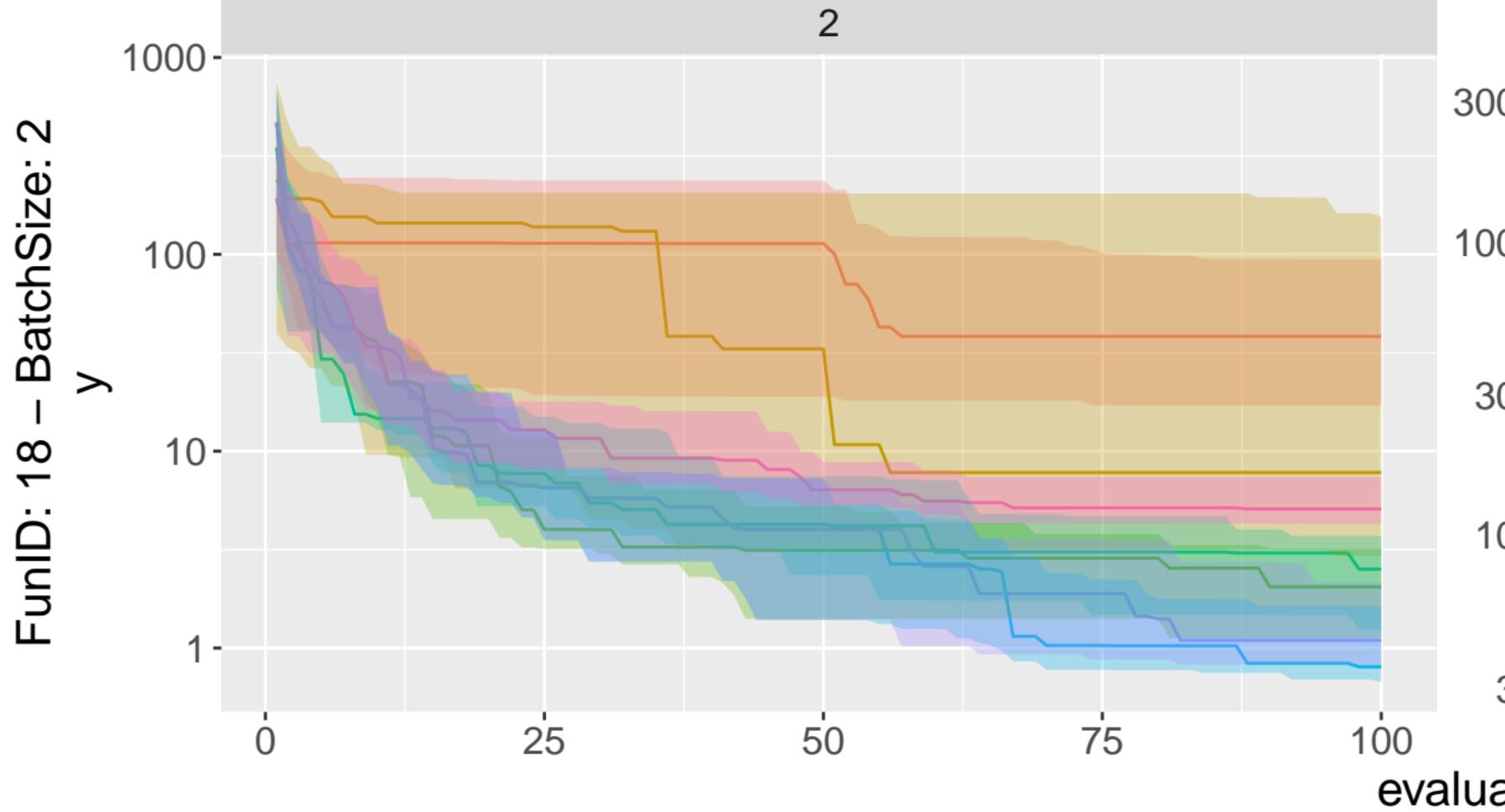
algName

- 1+1ES\_8
- CMAES\_8
- IPI\_8
- moimbo\_8
- MultiLocalEI\_8
- Q-EI\_8
- RandomSearch\_8

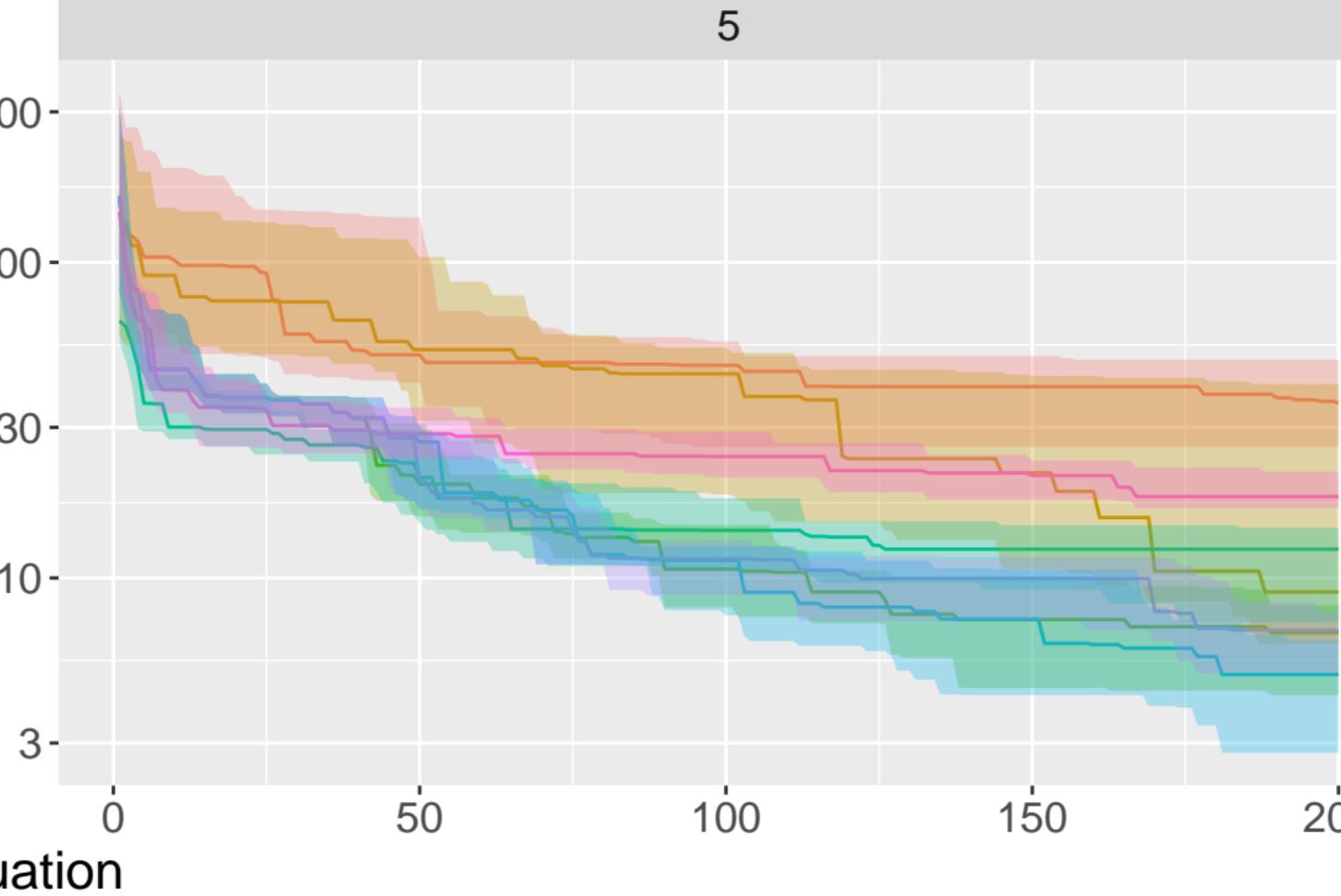
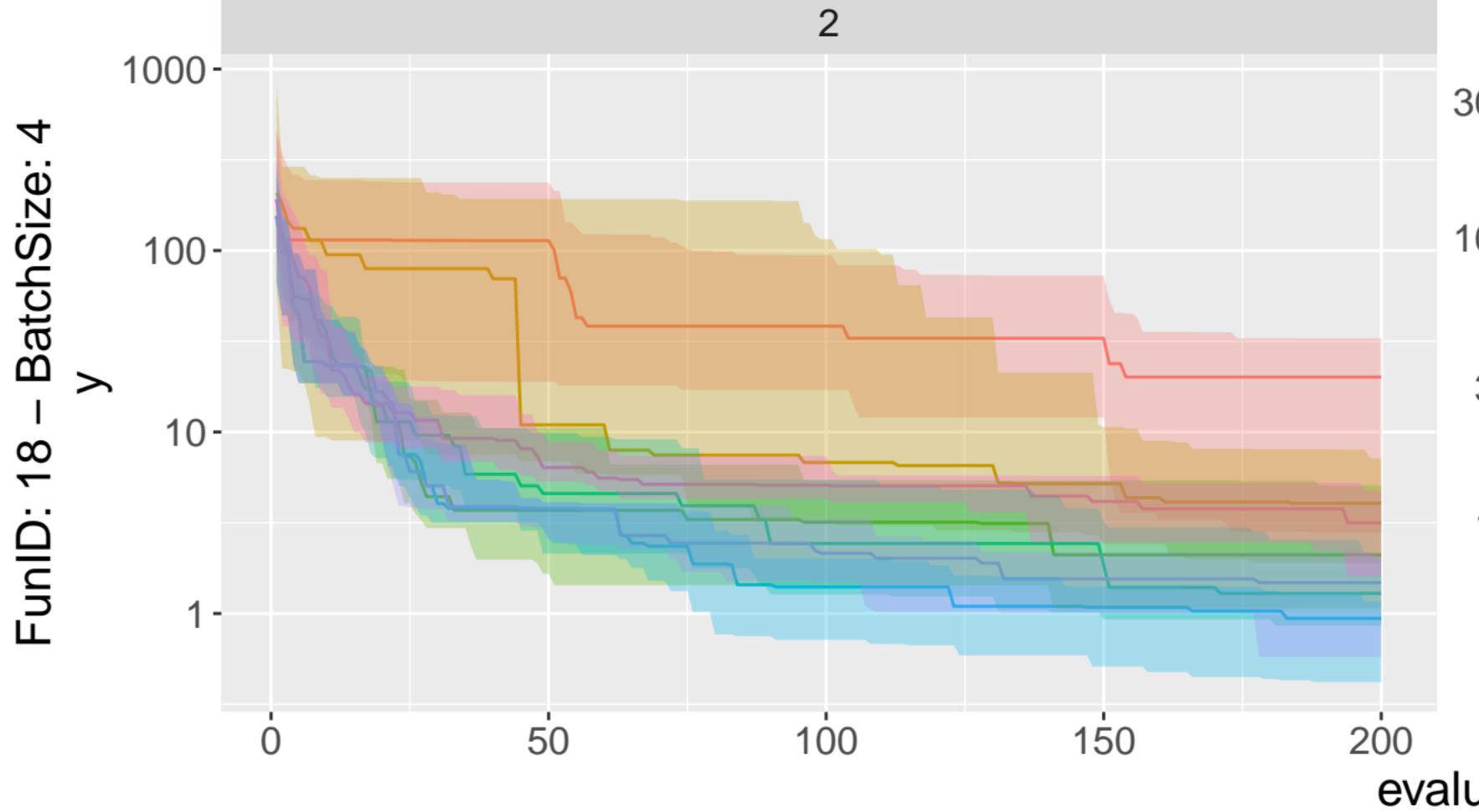
FunID: 18 – BatchSize: 16



FunID: 18 – BatchSize: 2



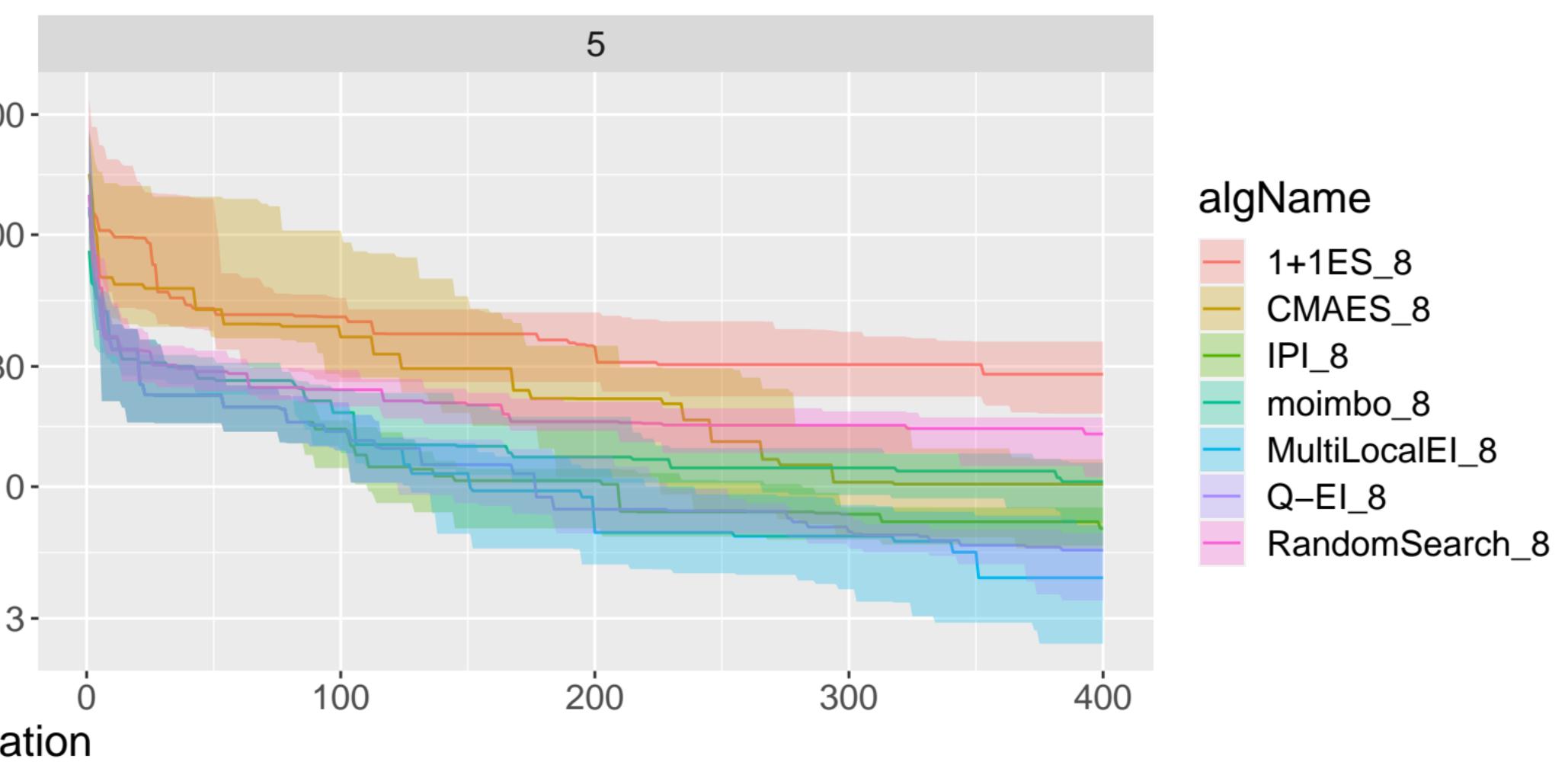
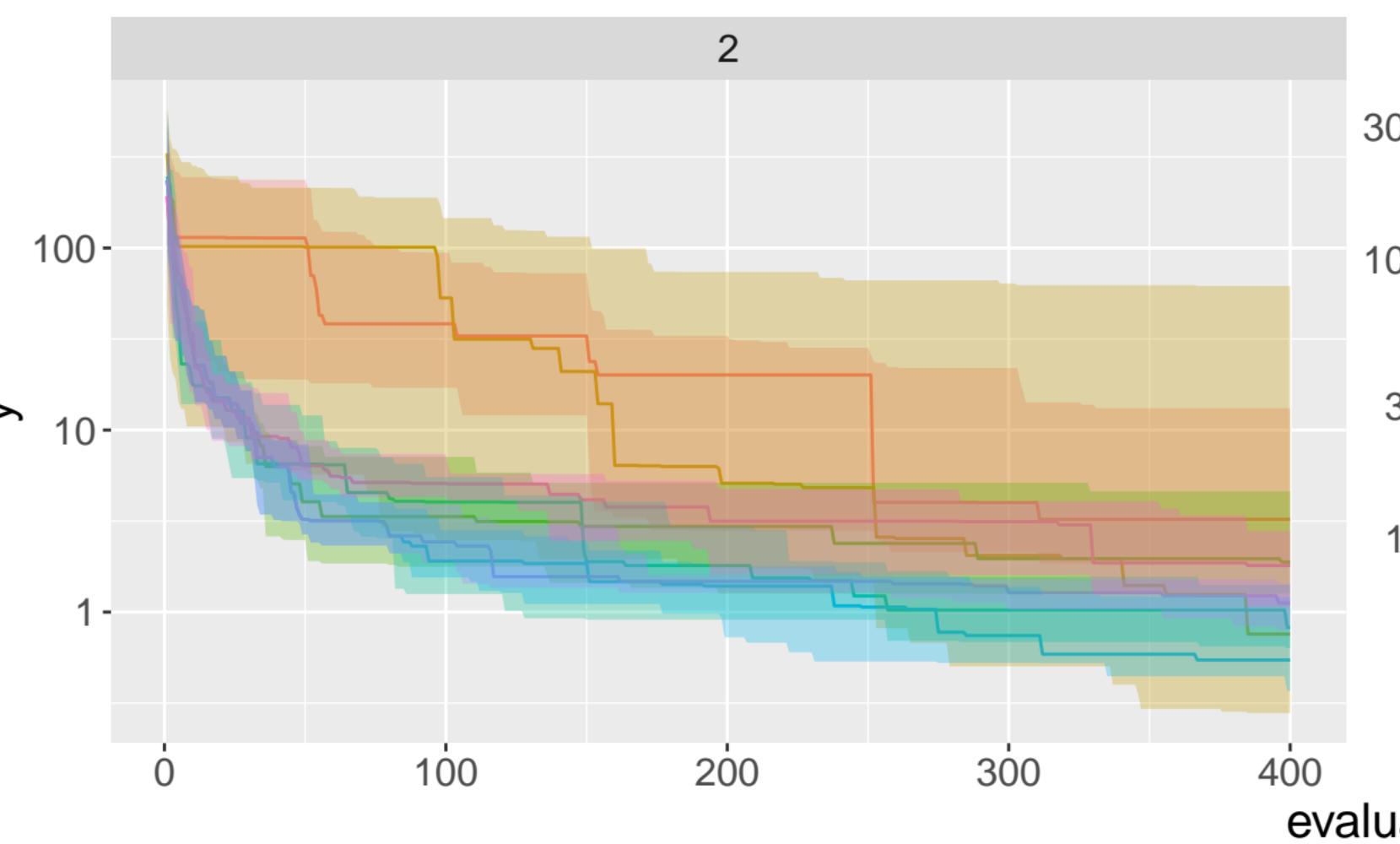
FunID: 18 – BatchSize: 4



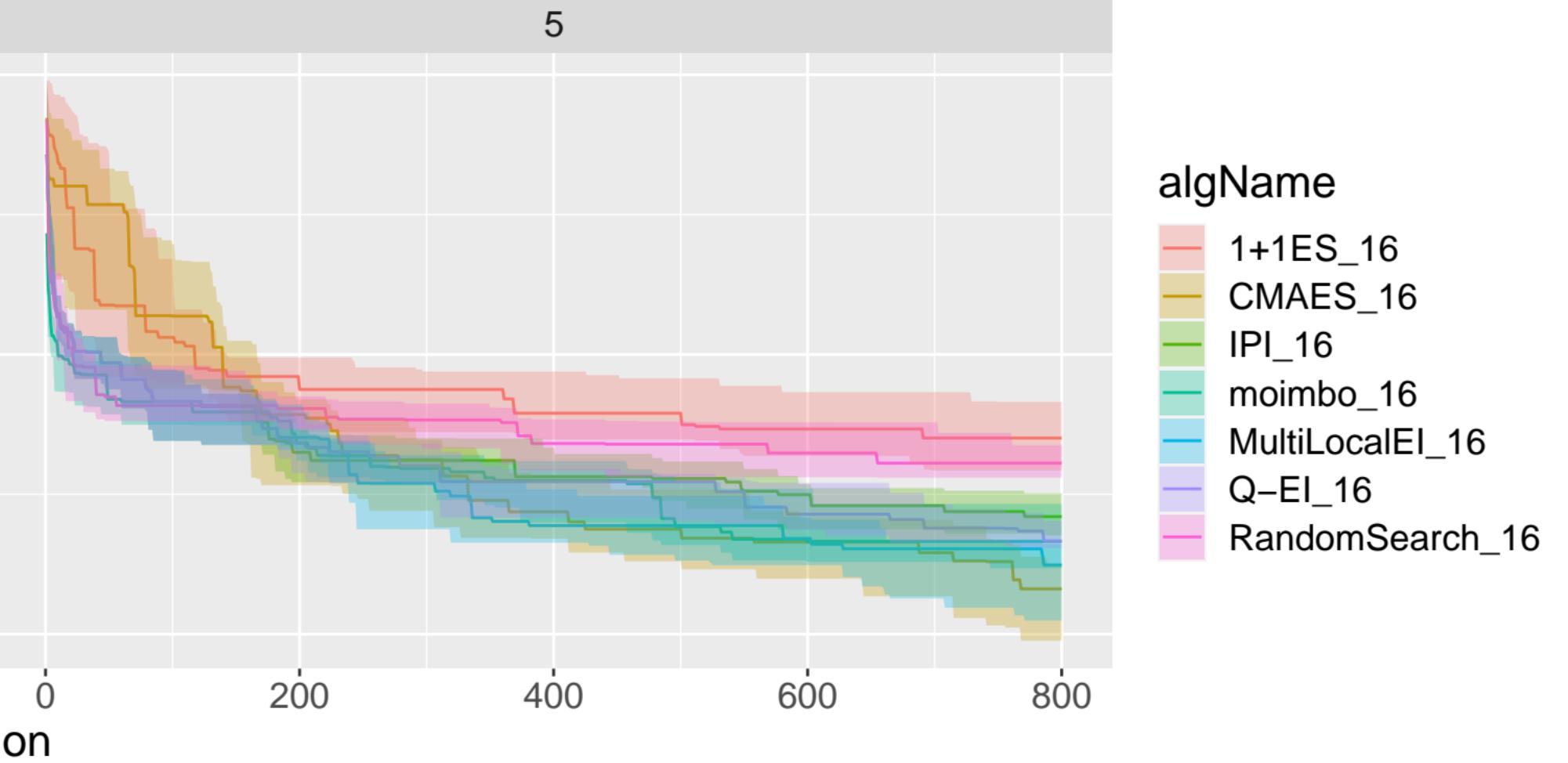
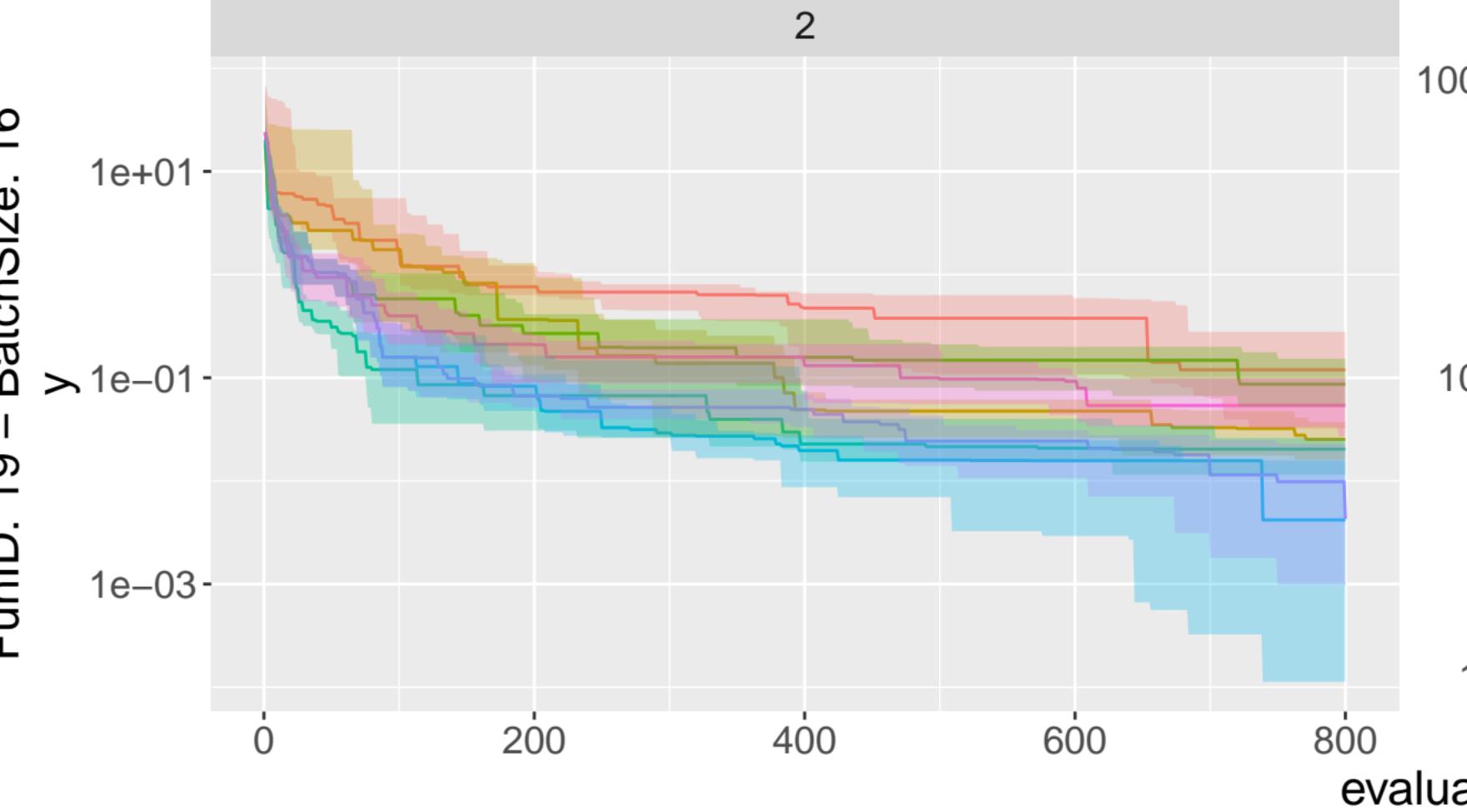
algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

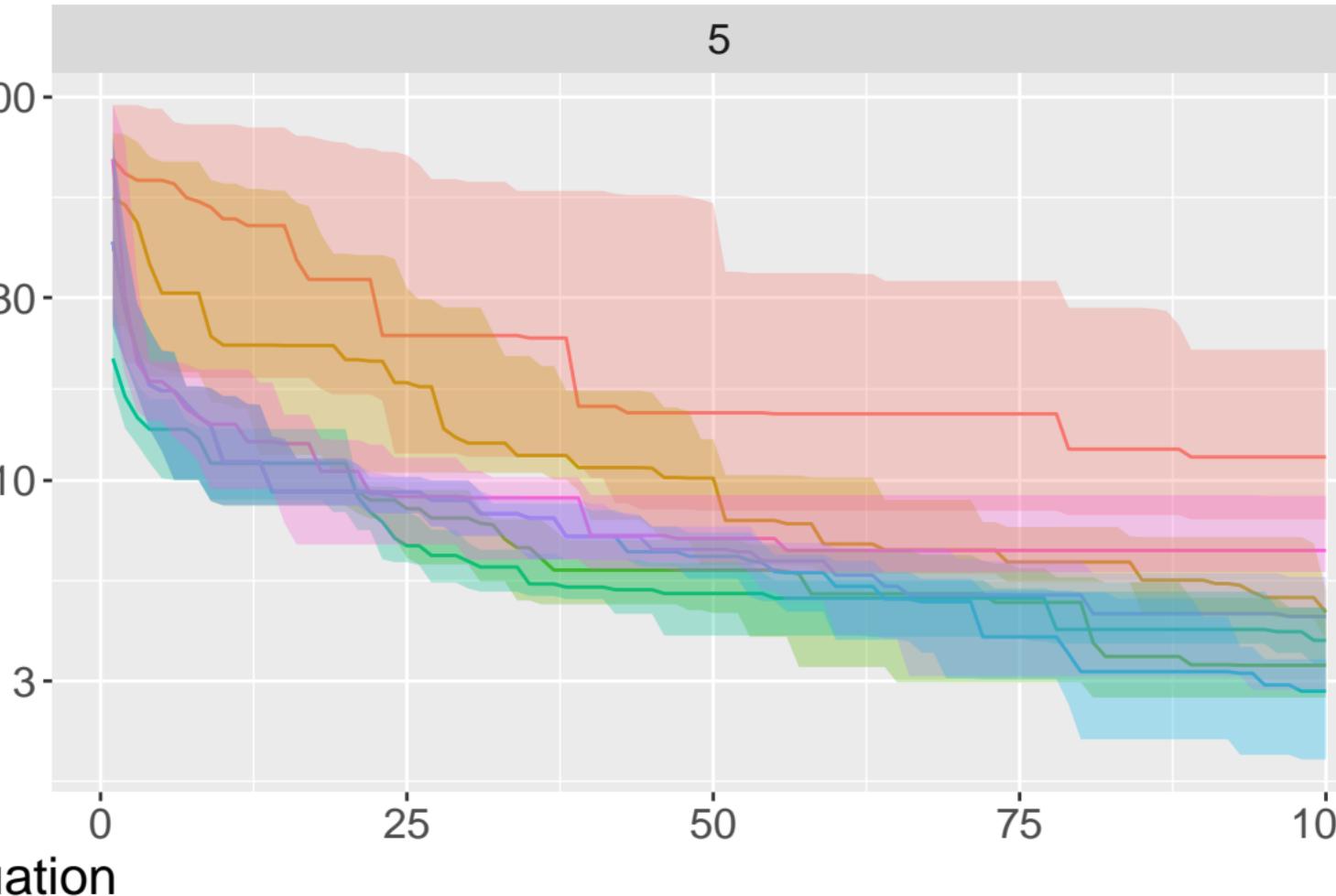
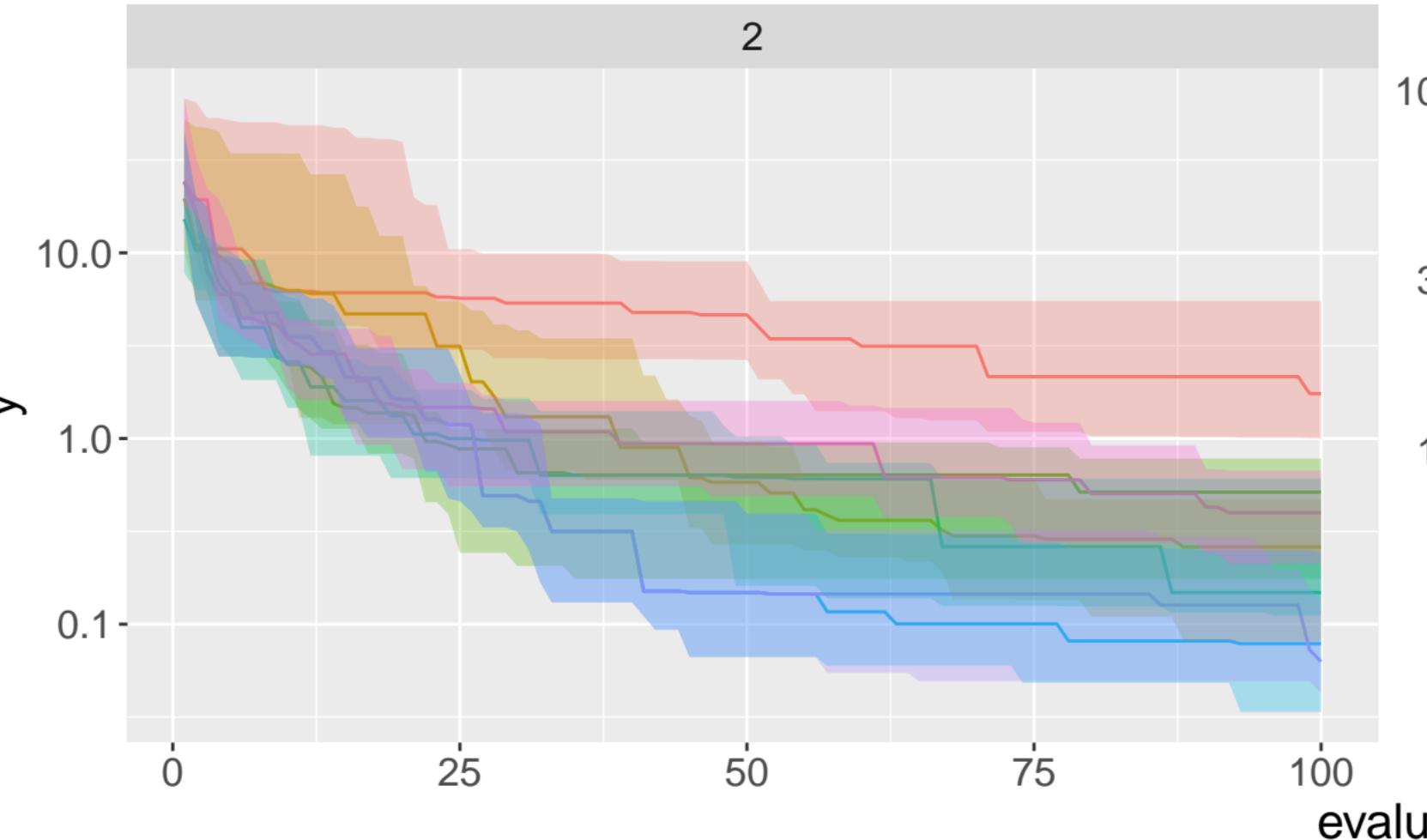
FunID: 18 – BatchSize: 8



FunID: 19 – BatchSize: 16



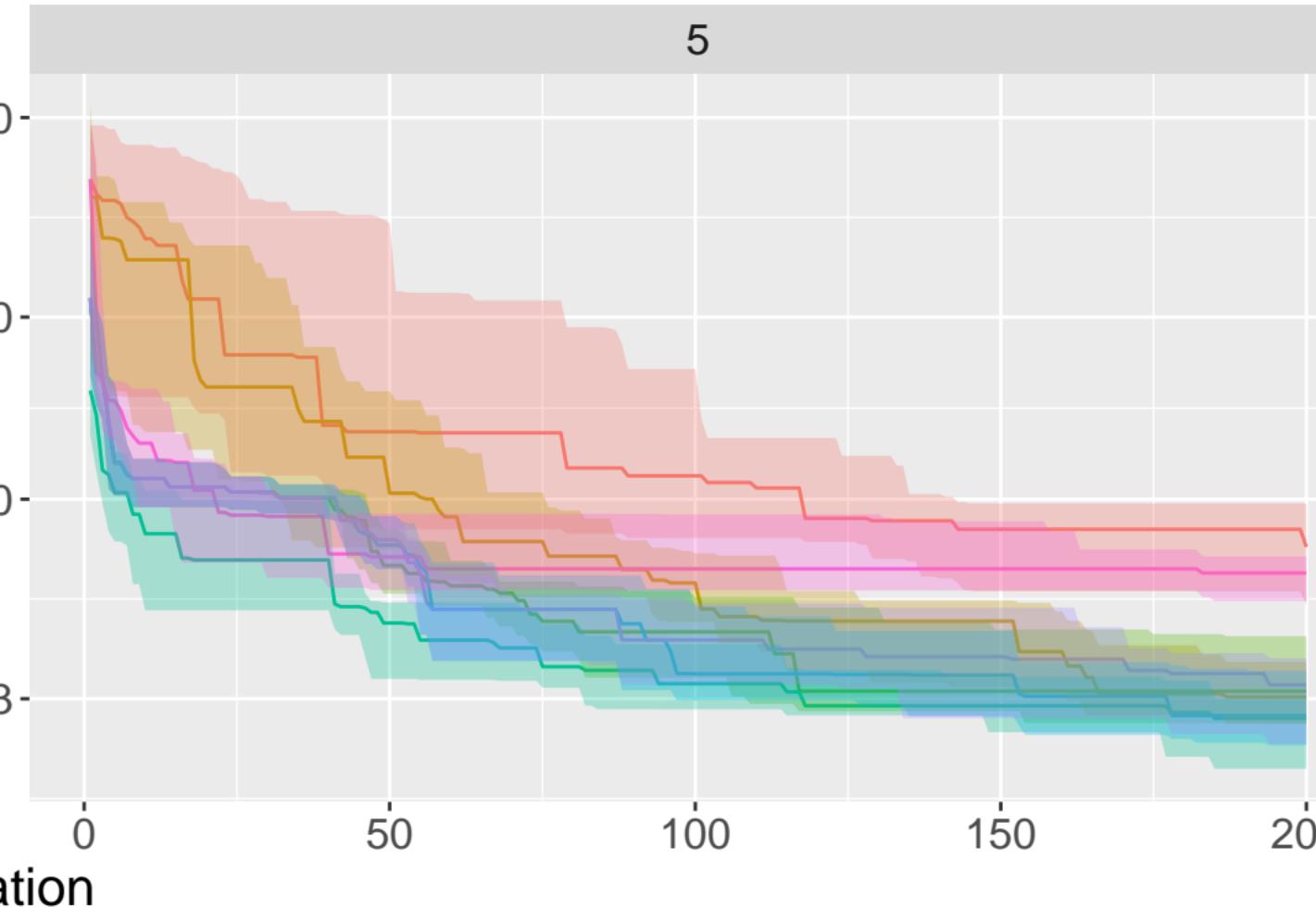
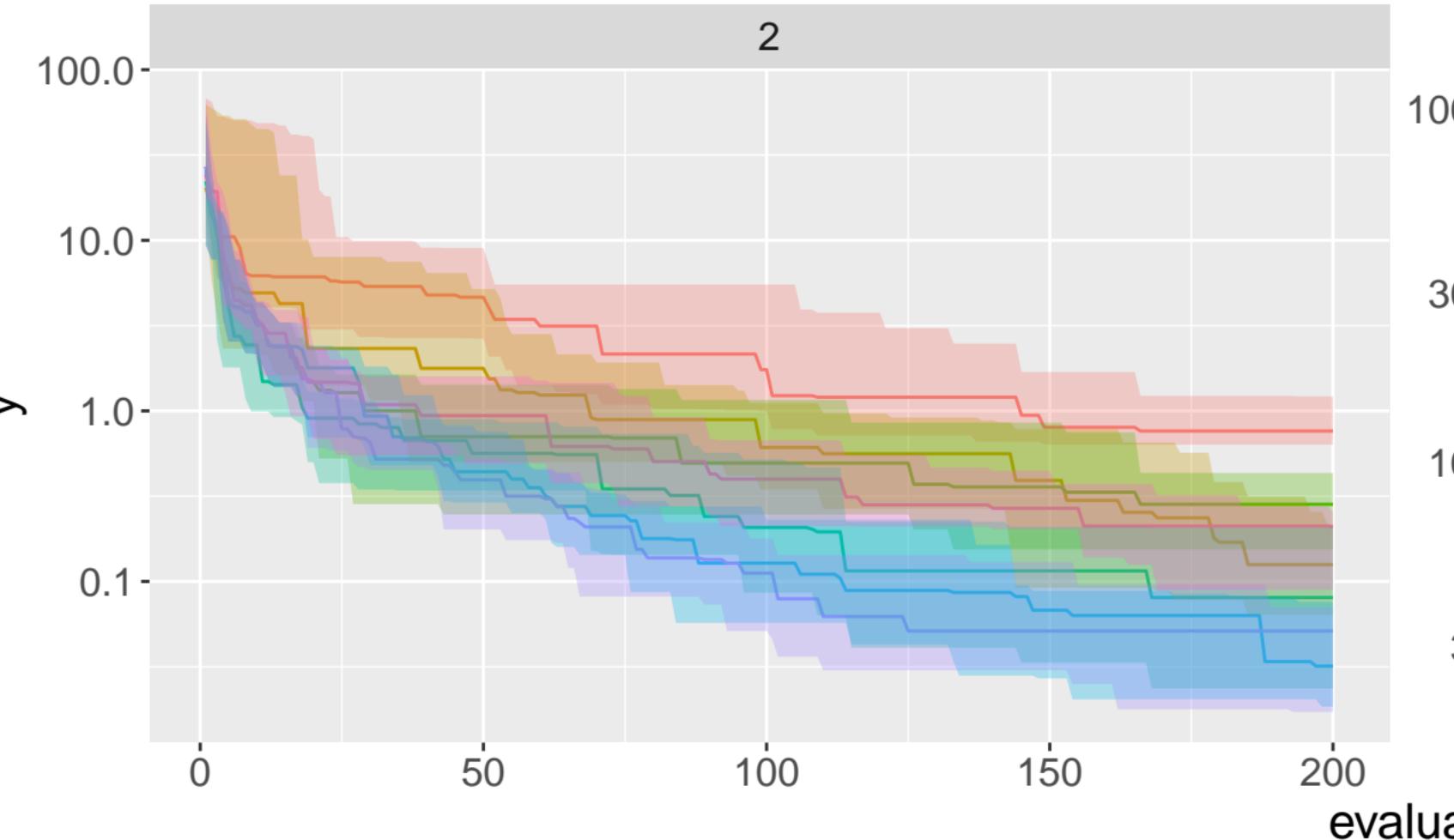
FunID: 19 – BatchSize: 2



algName

- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

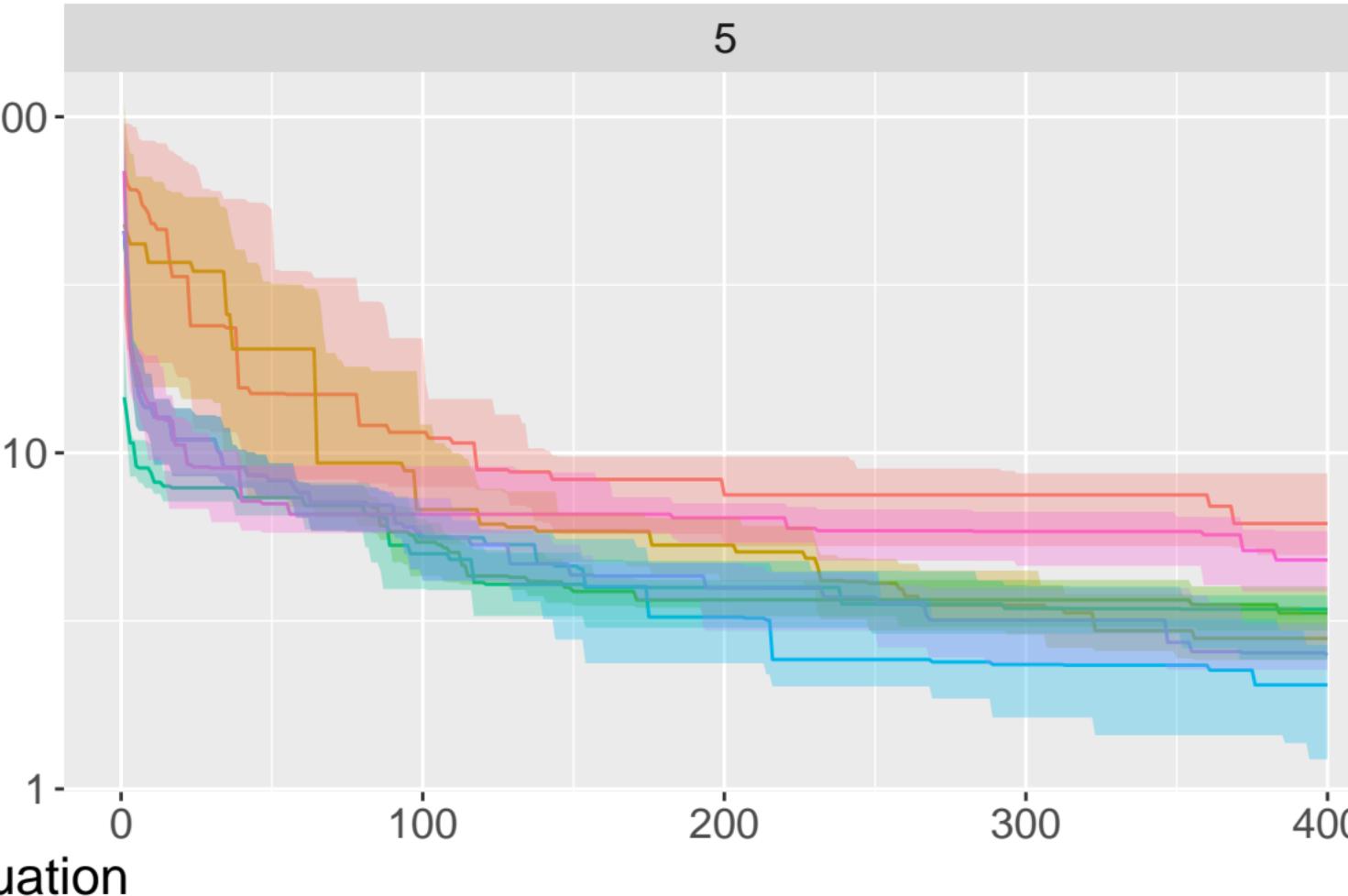
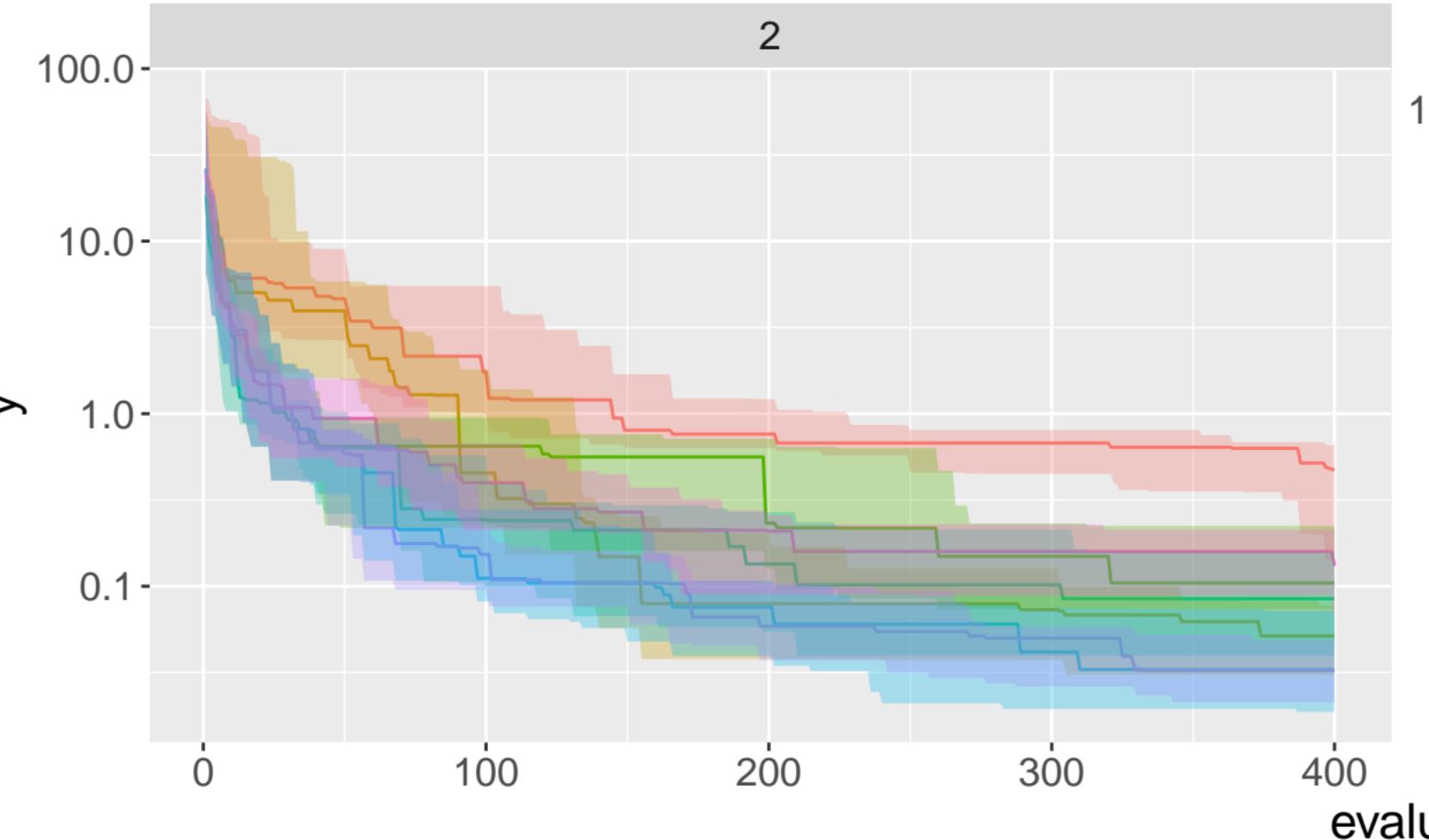
FunID: 19 – BatchSize: 4

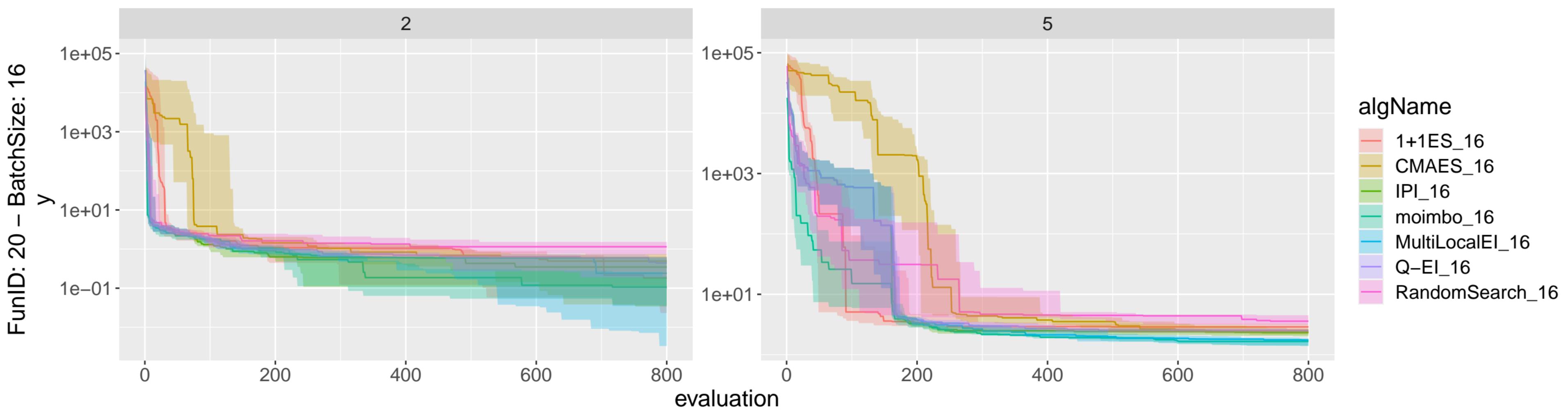


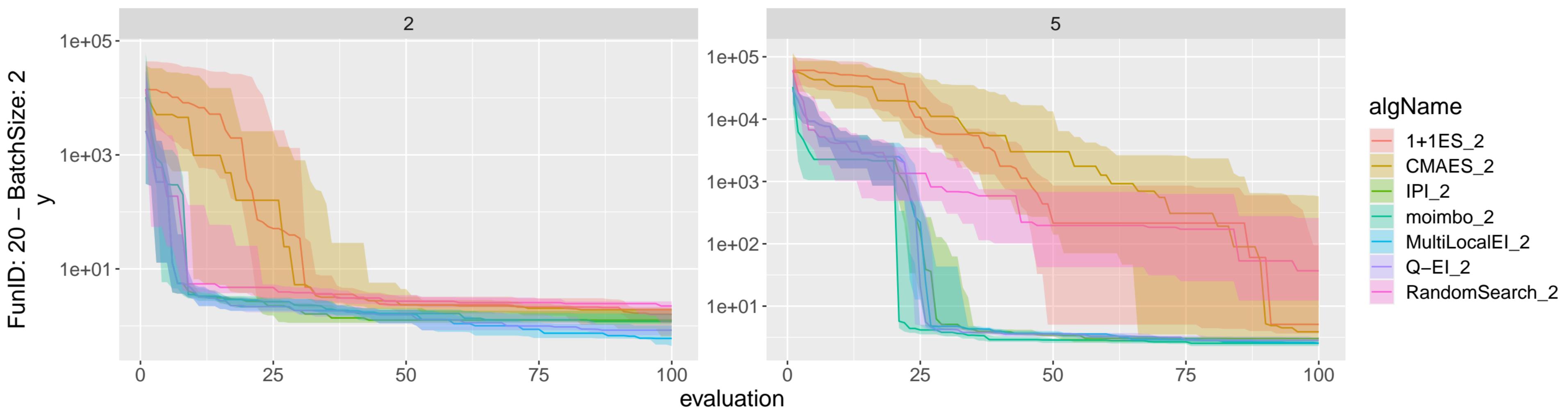
algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

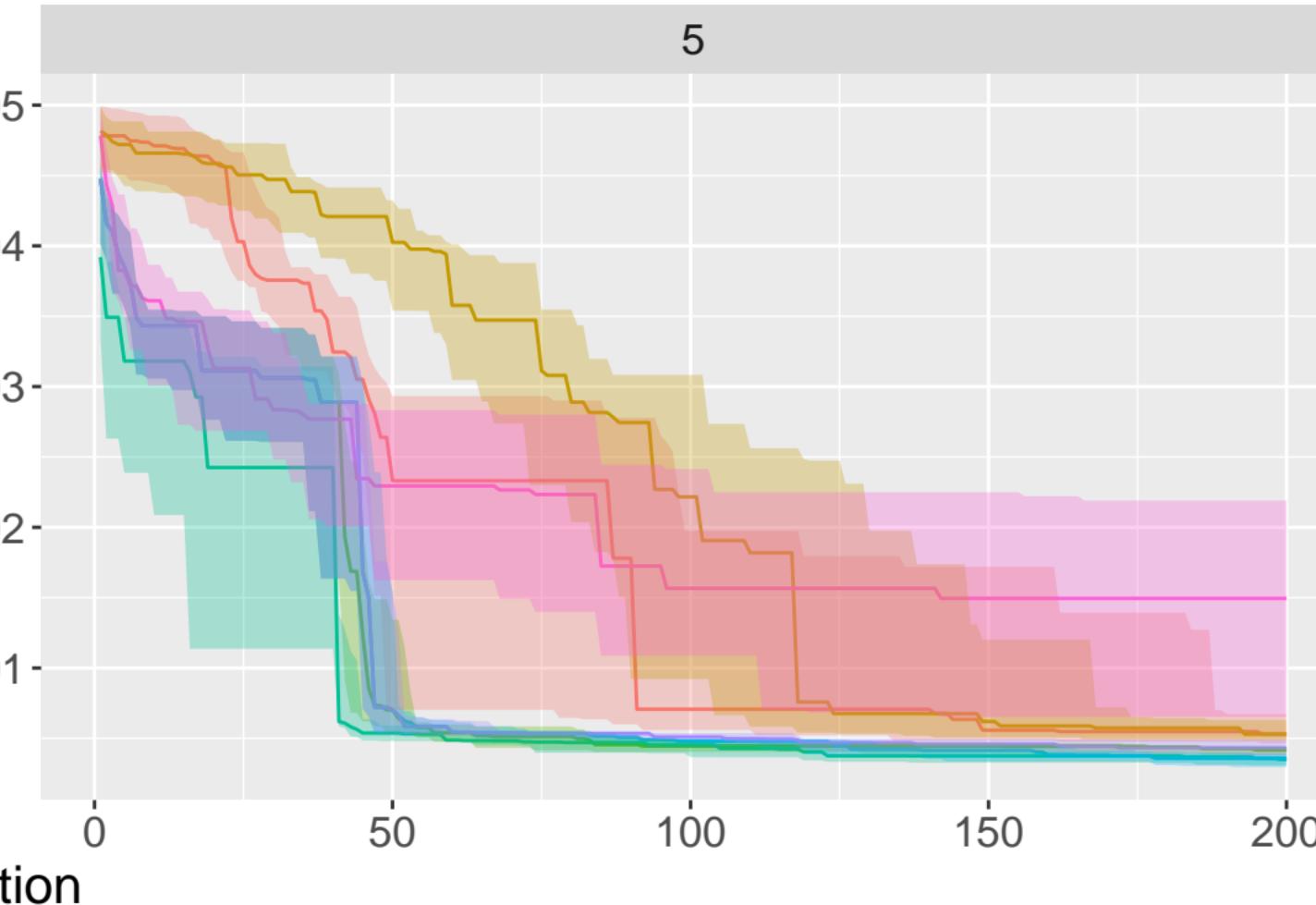
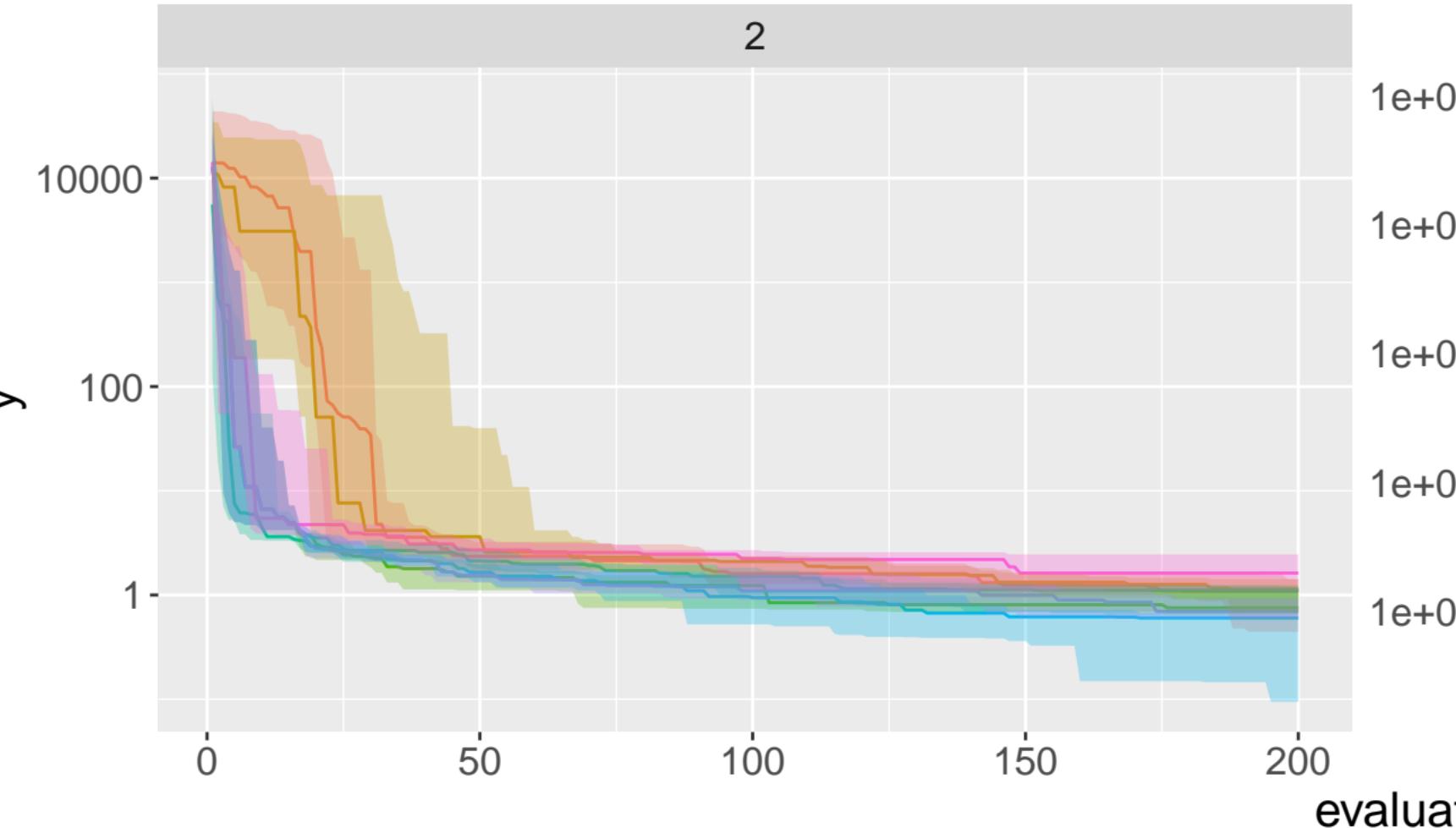
FunID: 19 – BatchSize: 8







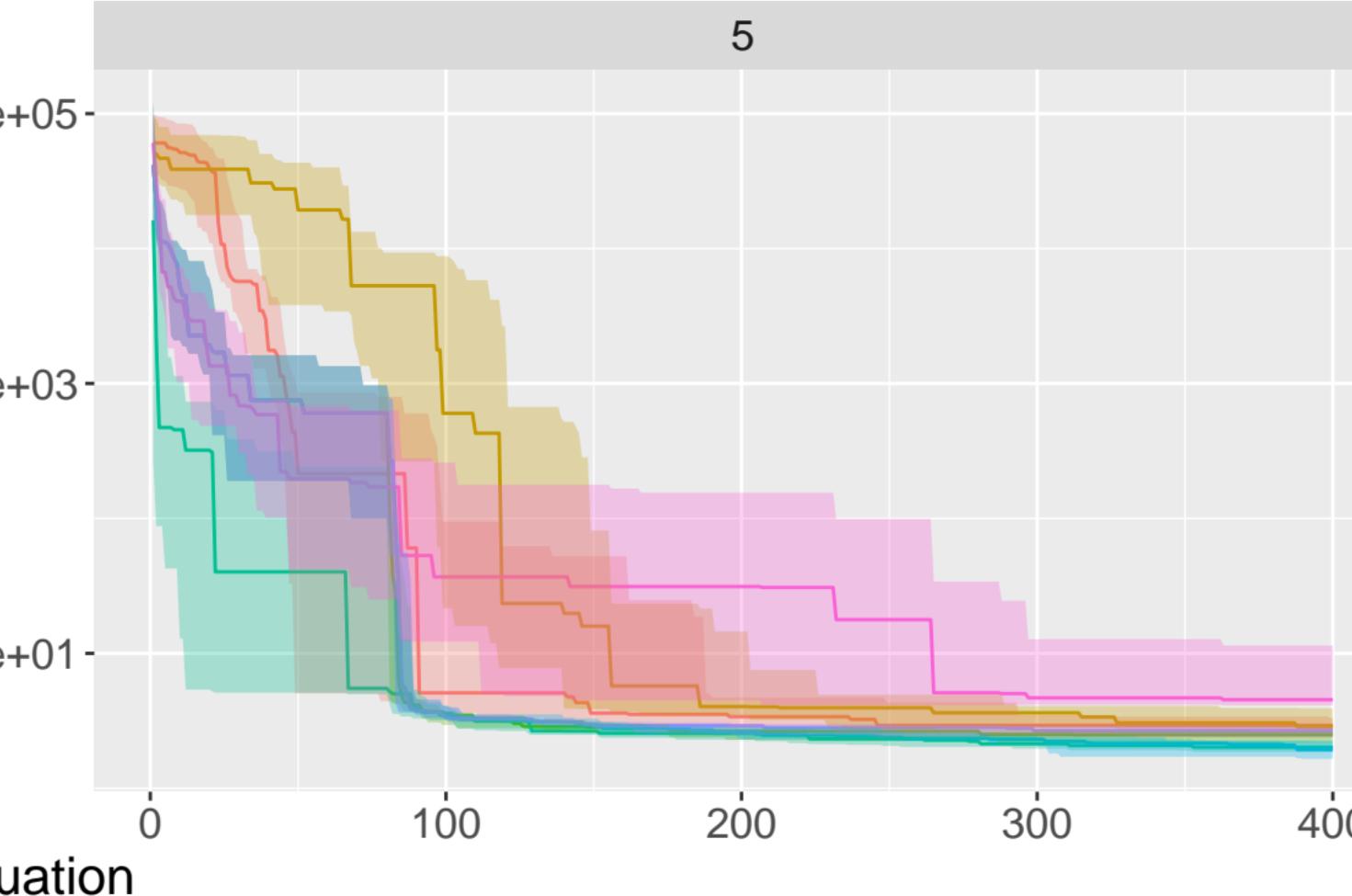
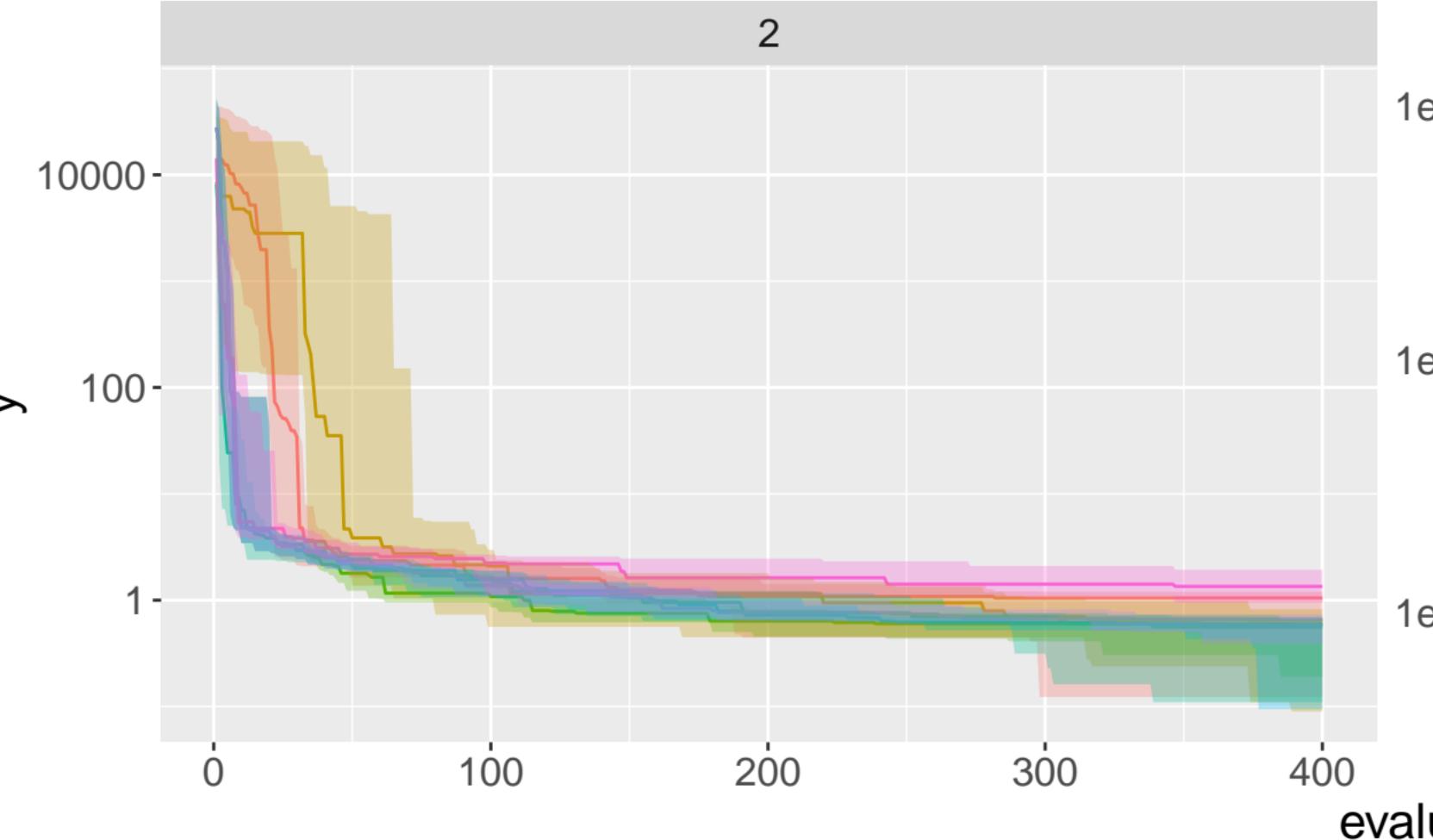
FunID: 20 - BatchSize: 4



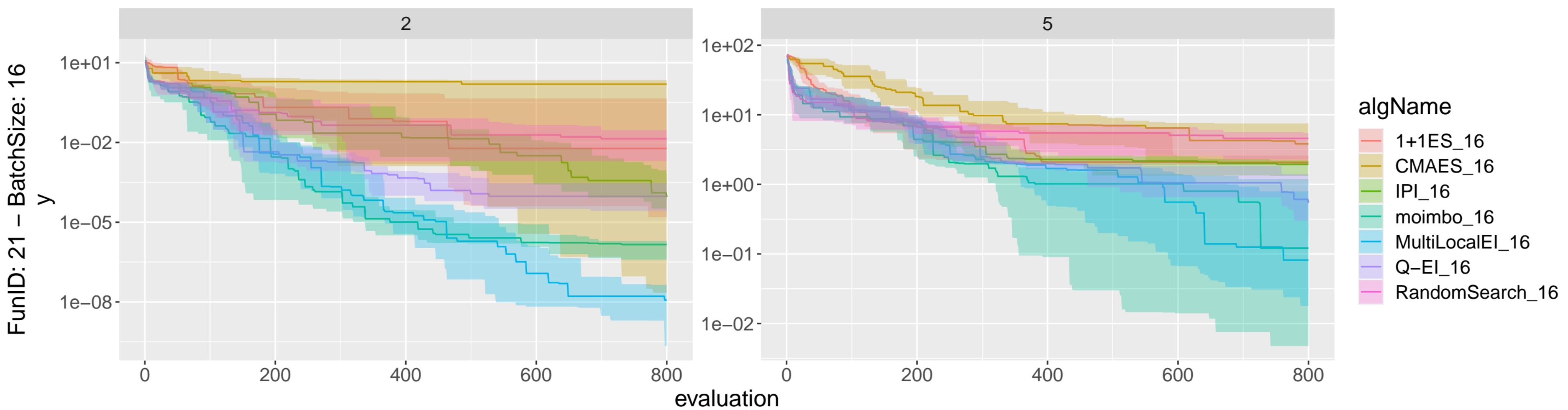
algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

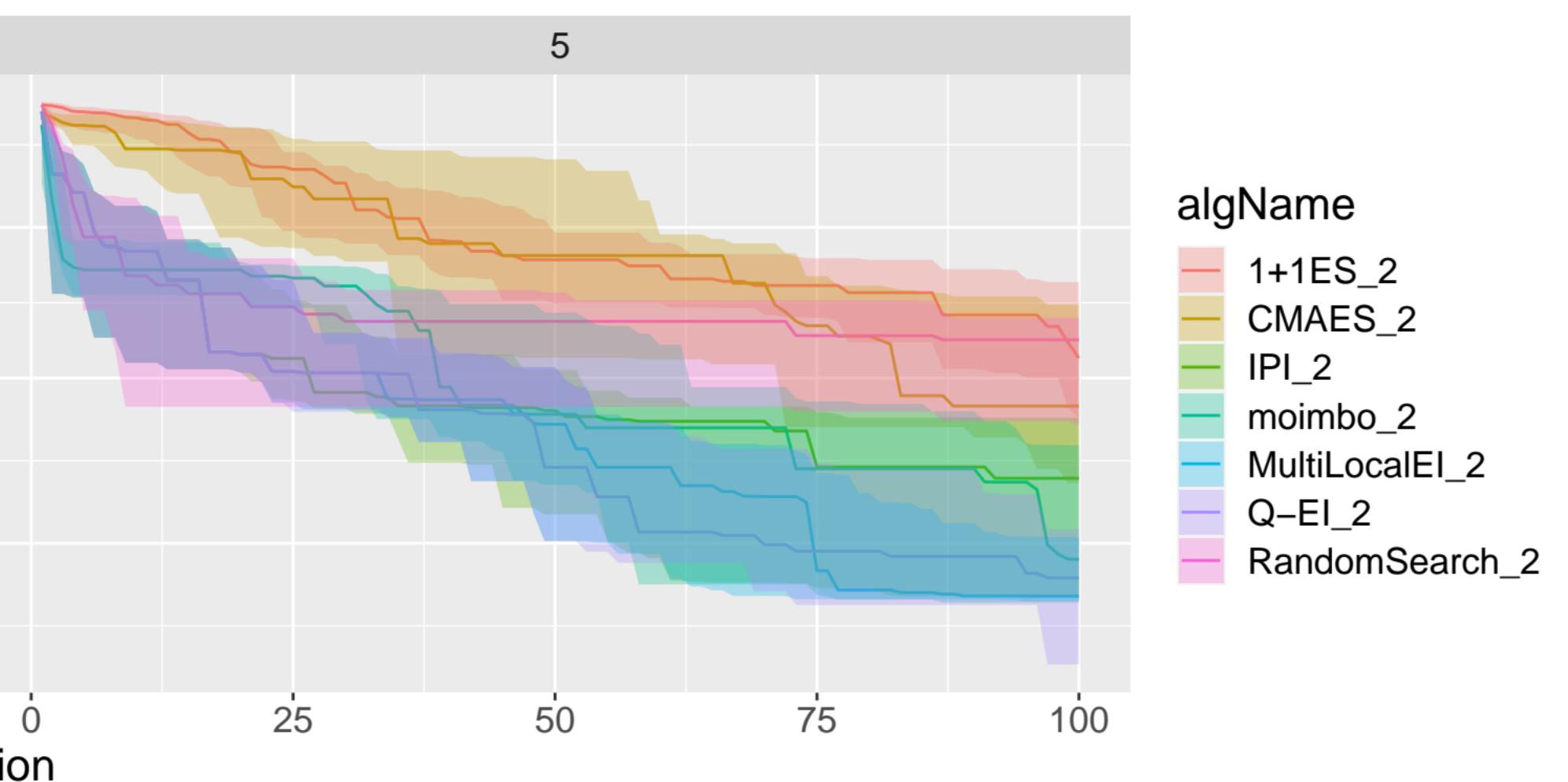
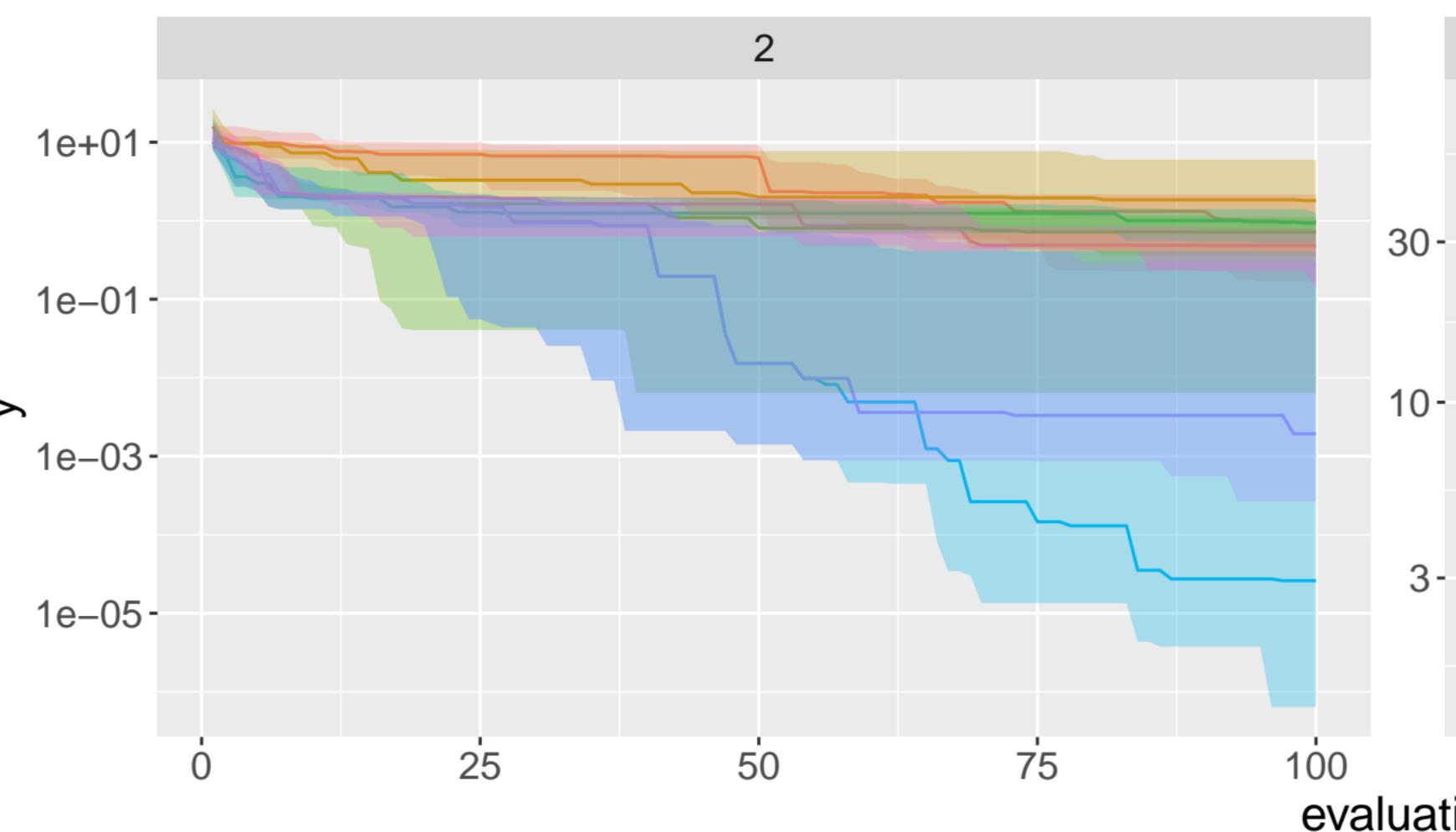
FunID: 20 - BatchSize: 8



- algName
- 1+1ES\_8
  - CMAES\_8
  - IPI\_8
  - moimbo\_8
  - MultiLocalEI\_8
  - Q-EI\_8
  - RandomSearch\_8



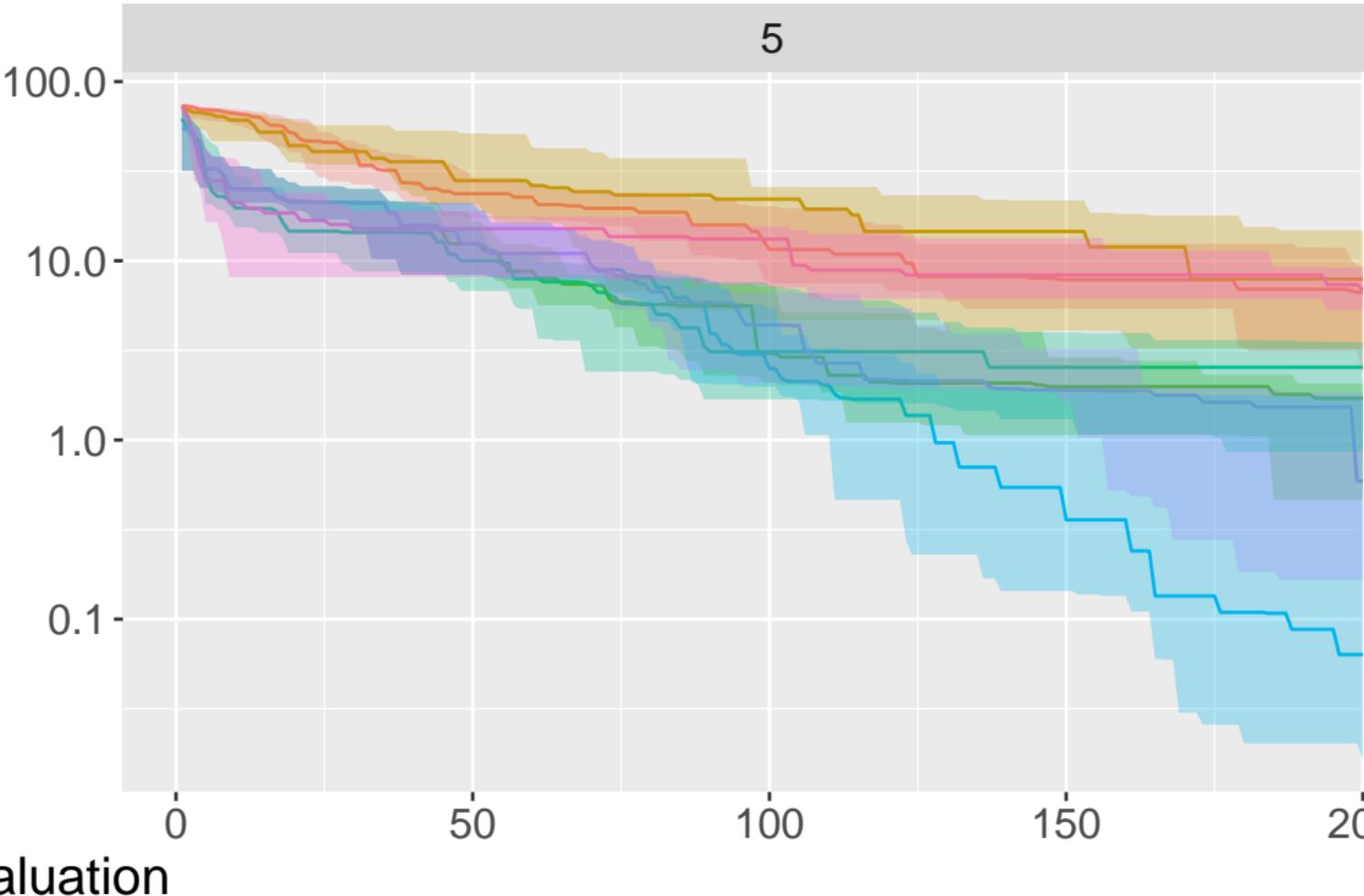
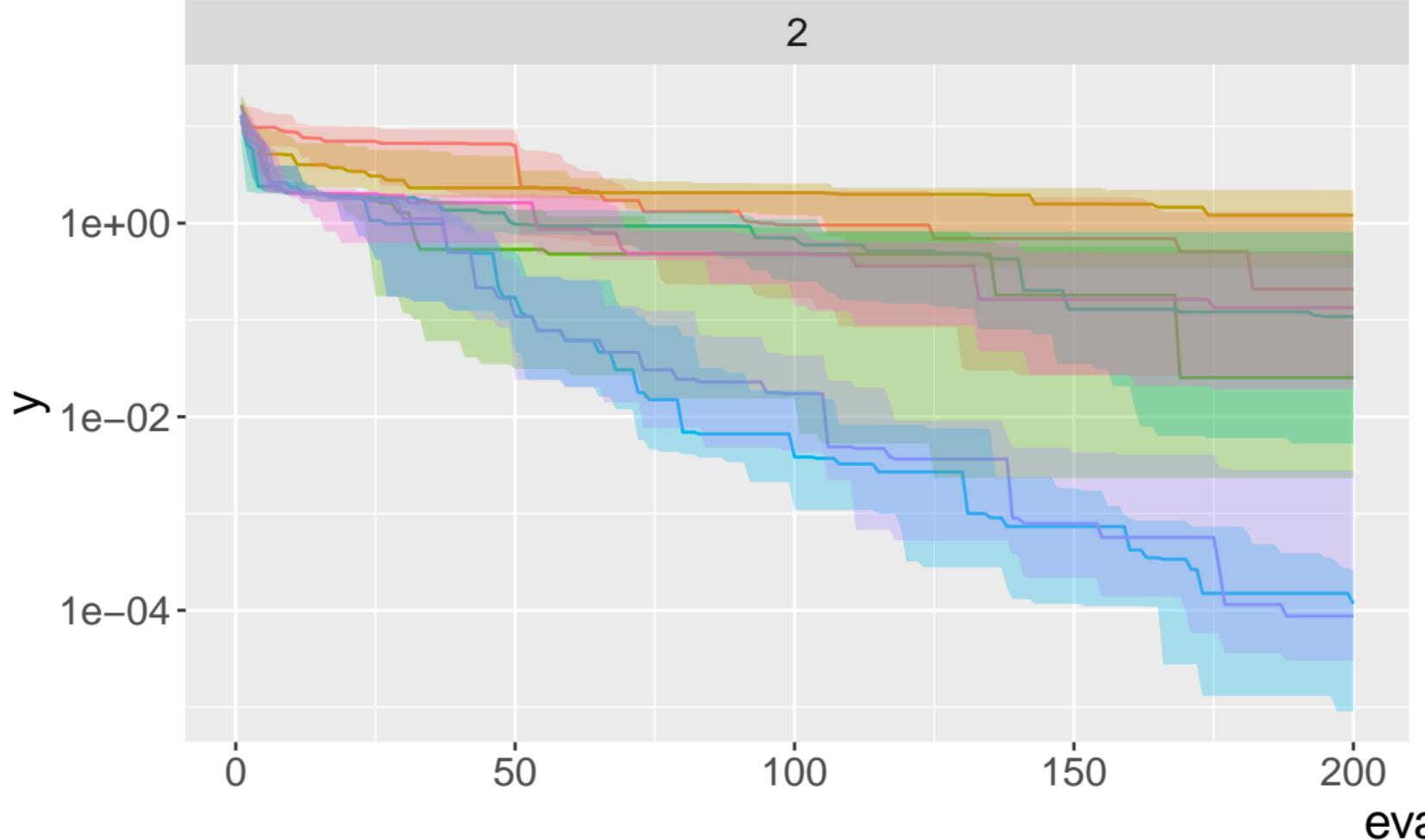
FunID: 21 - BatchSize: 2



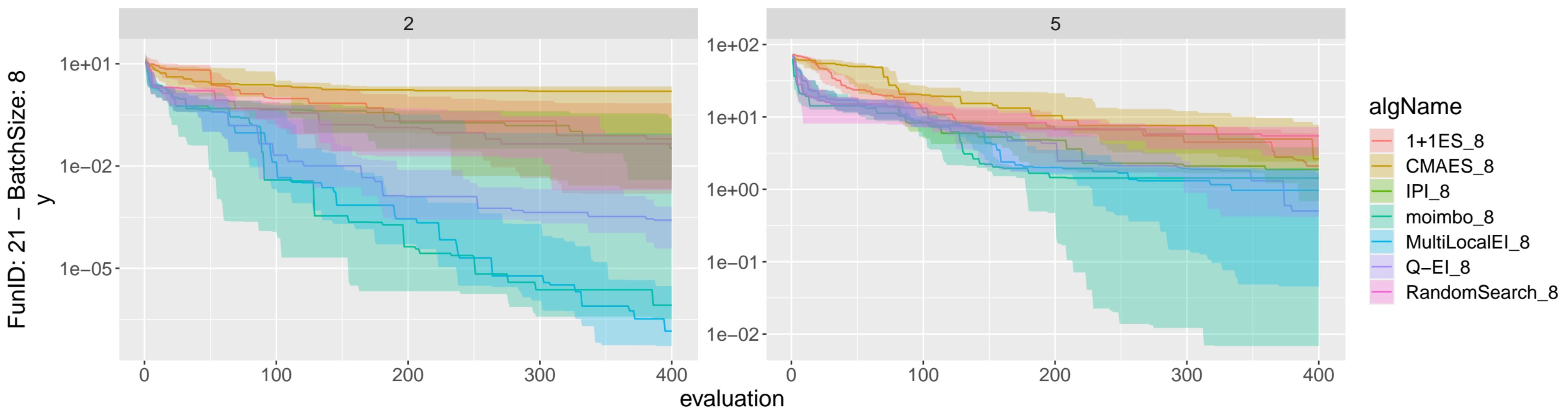
algName

- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

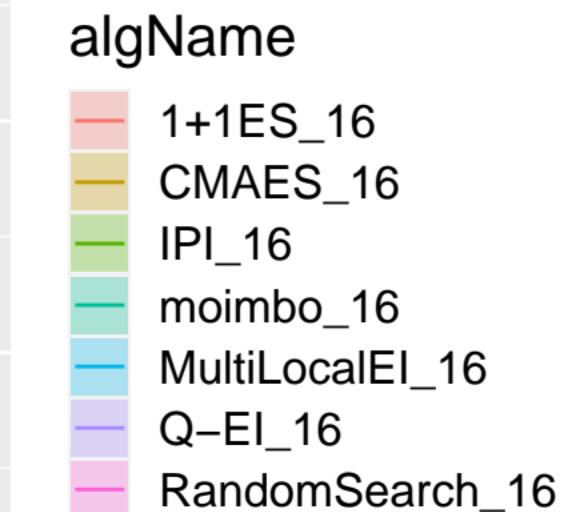
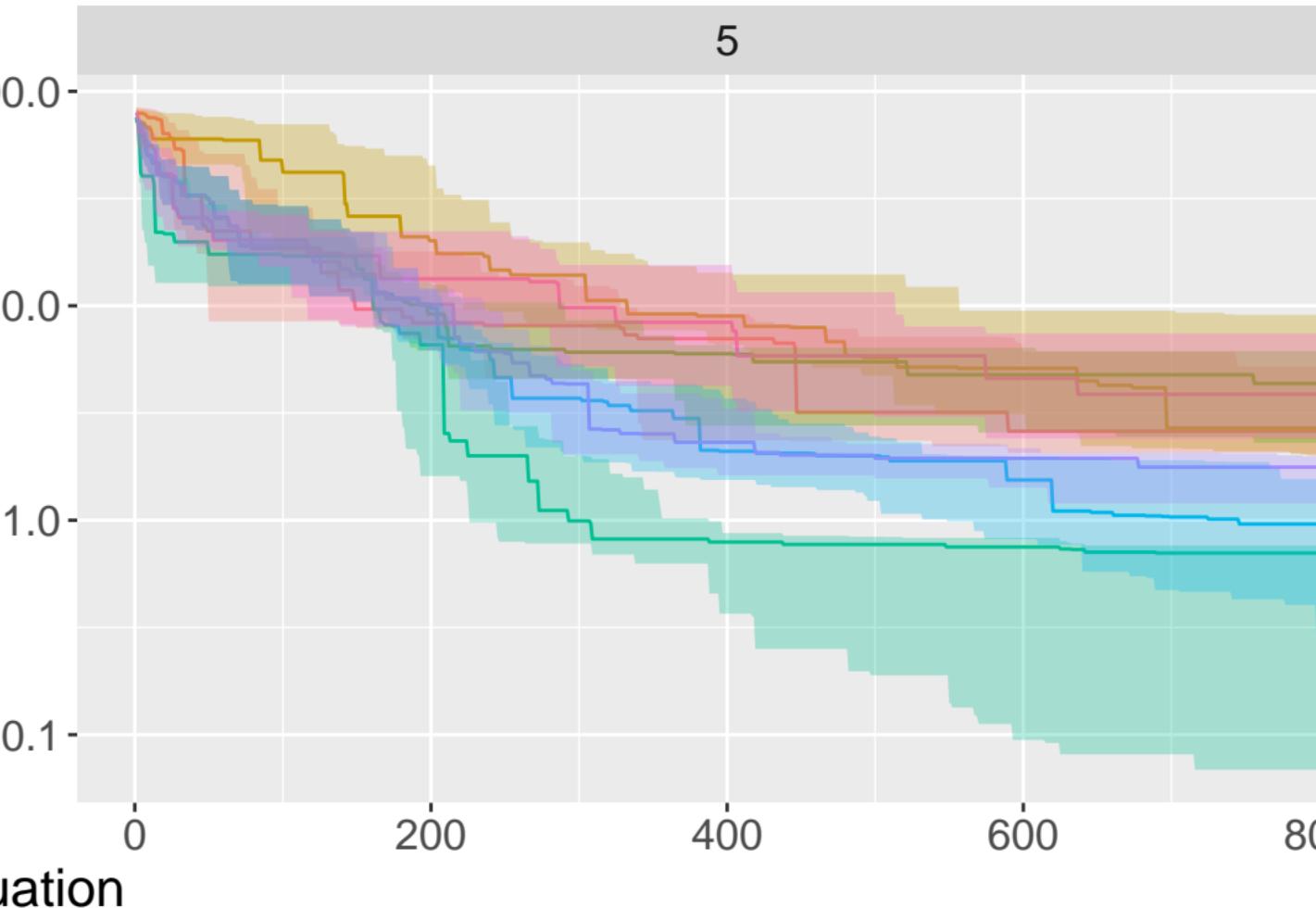
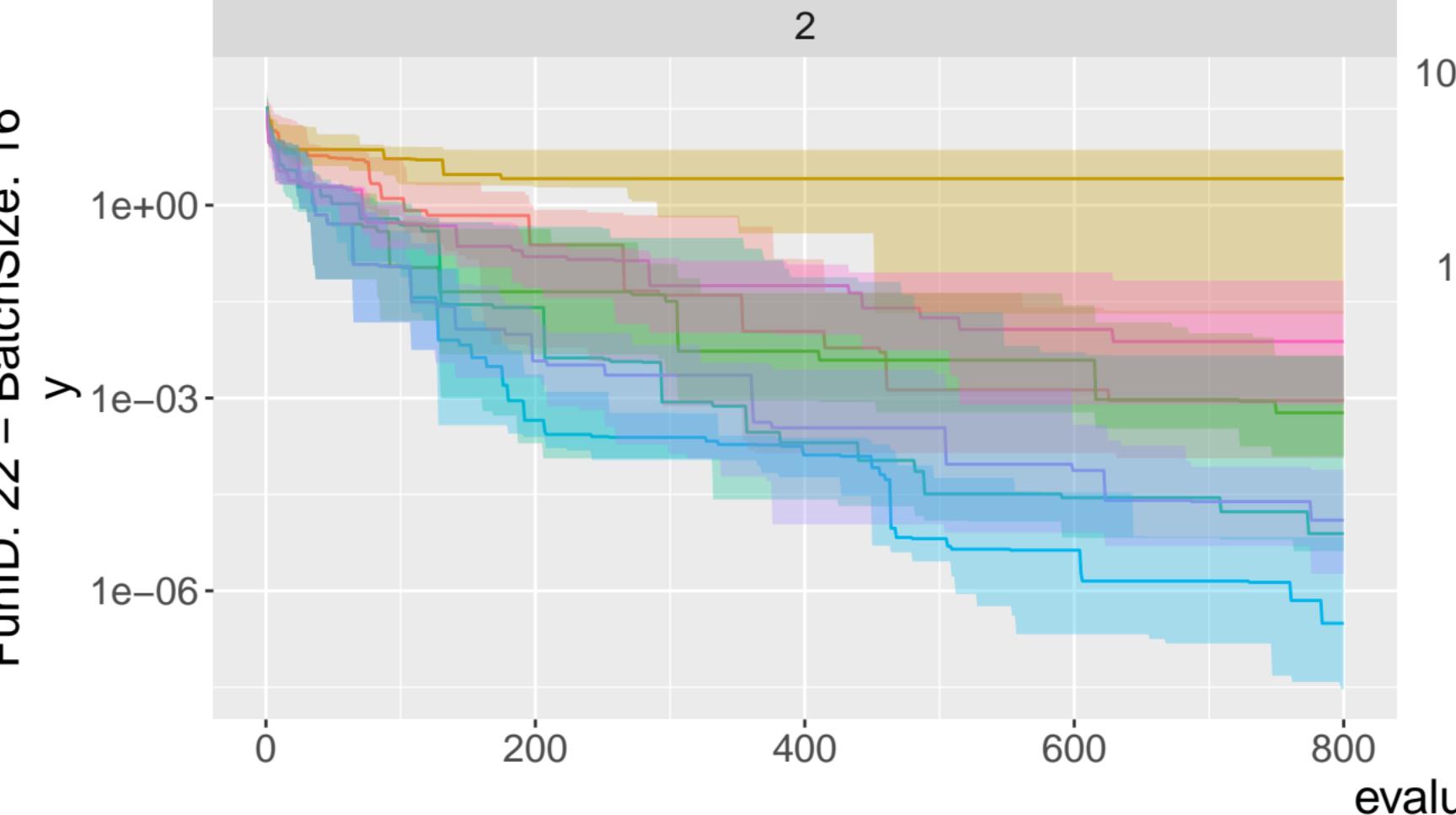
FunID: 21 - BatchSize: 4



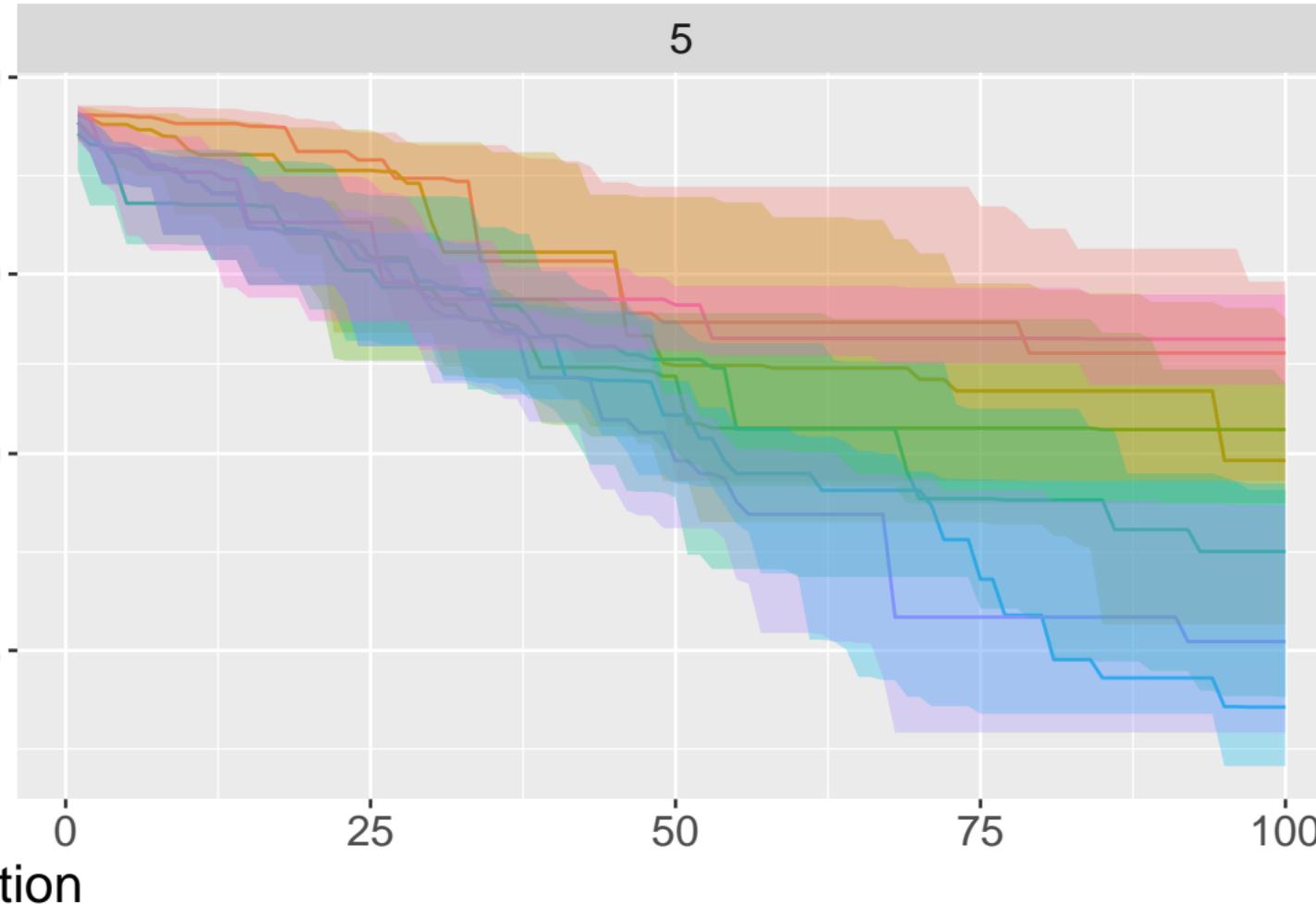
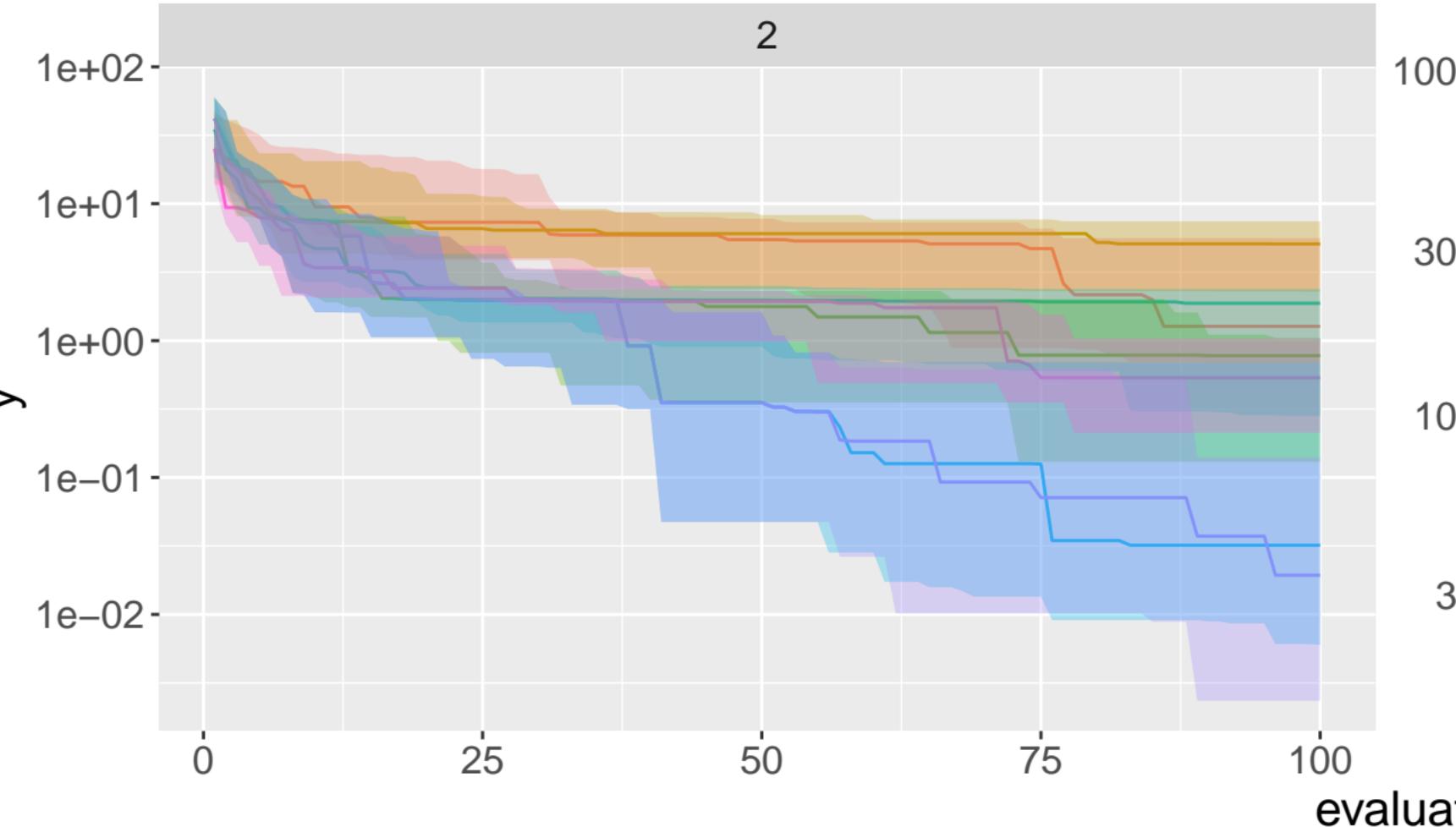
algName
1+1ES_4
CMAES_4
IPI_4
moimbo_4
MultiLocalEI_4
Q-EI_4
RandomSearch_4



FunID: 22 – BatchSize: 16



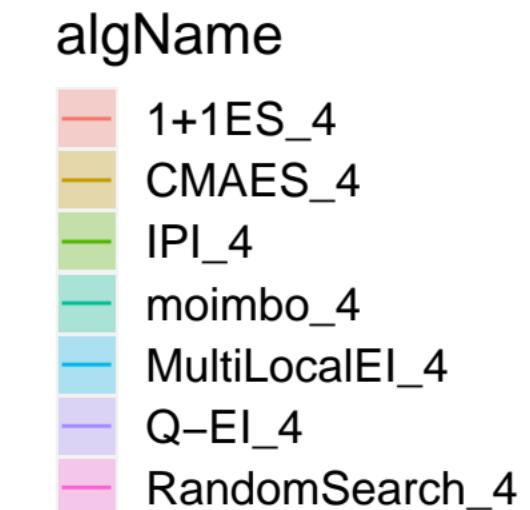
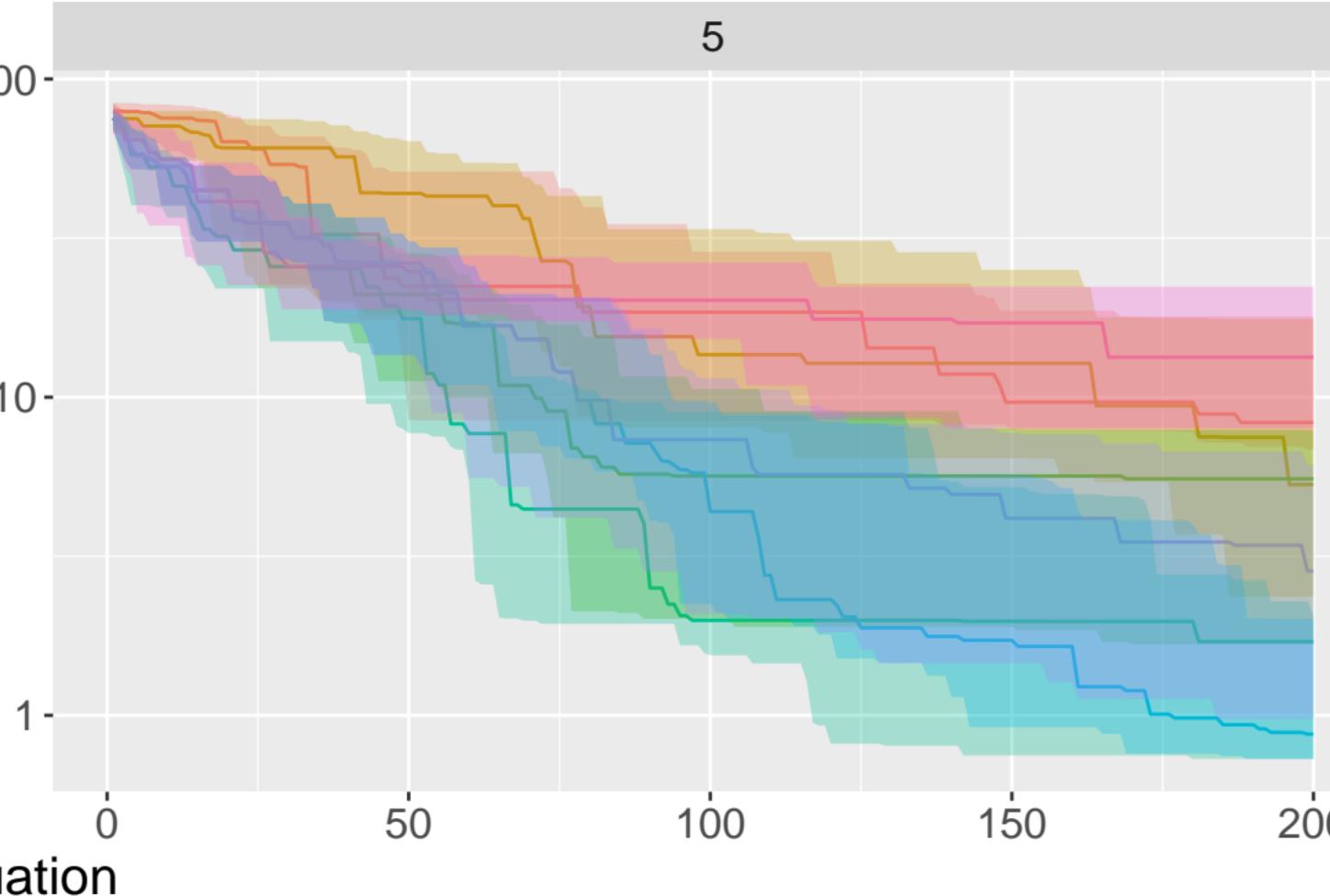
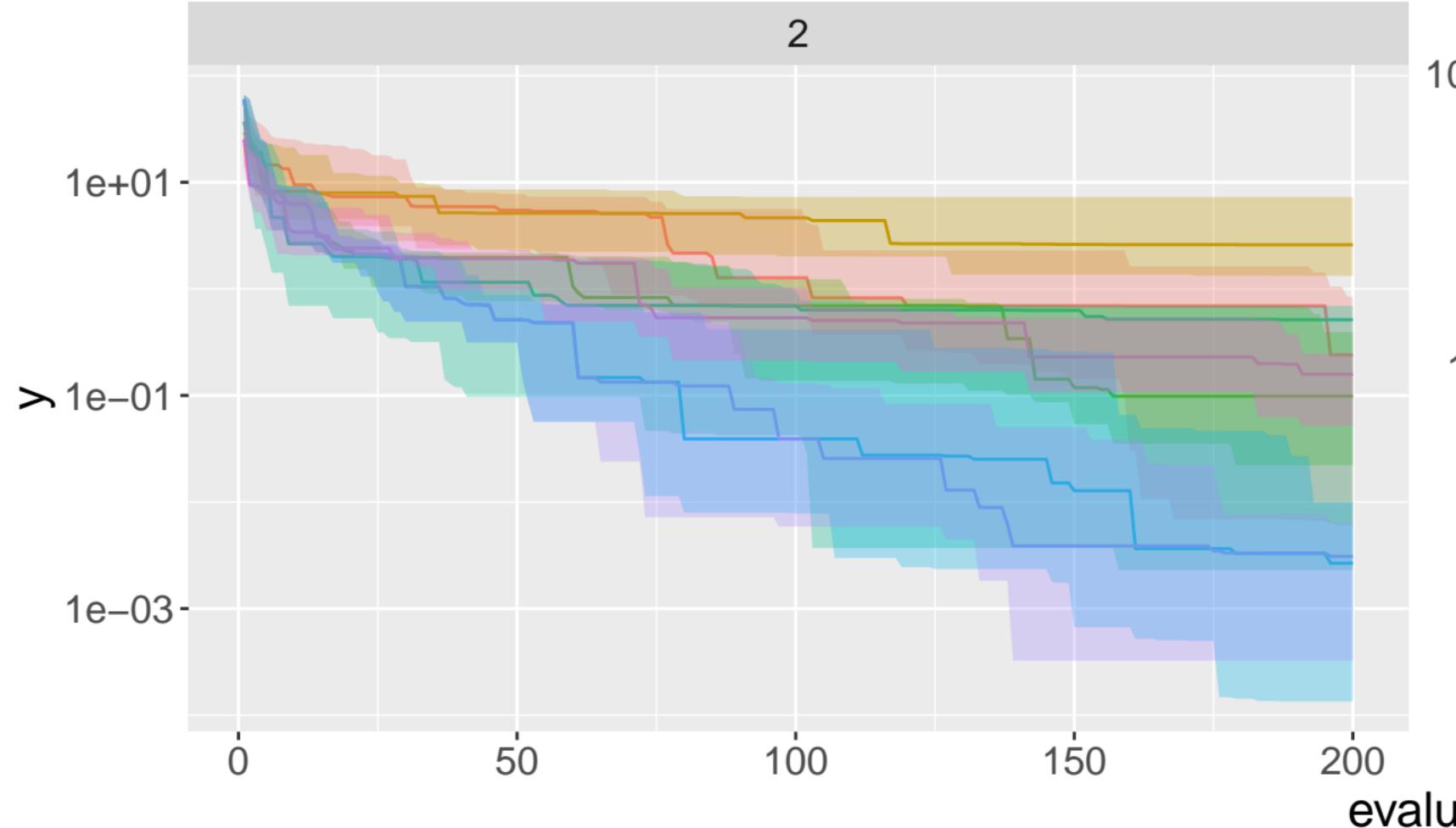
FunID: 22 - BatchSize: 2

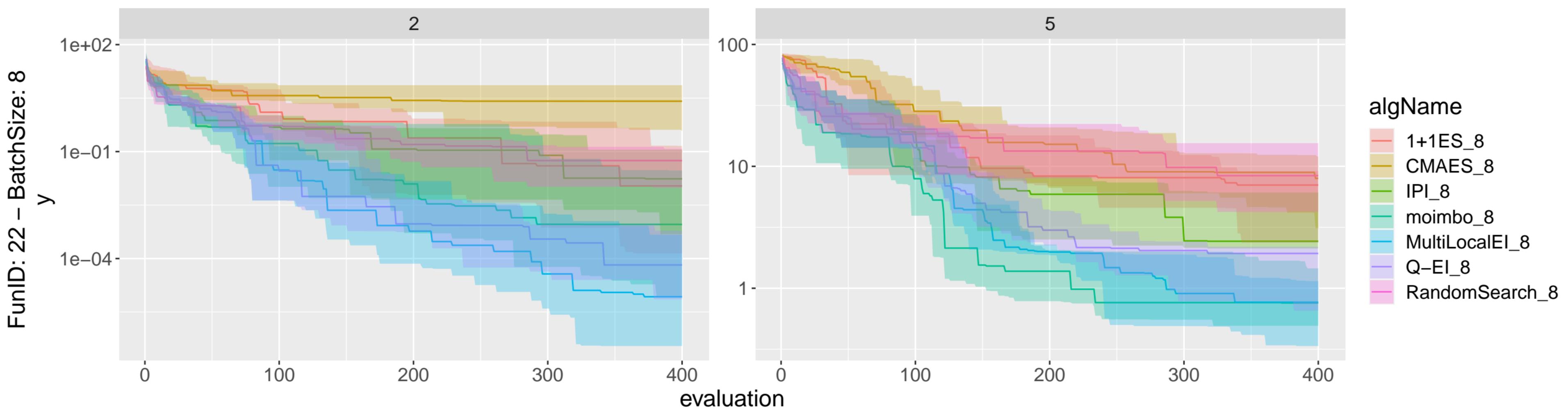


algName

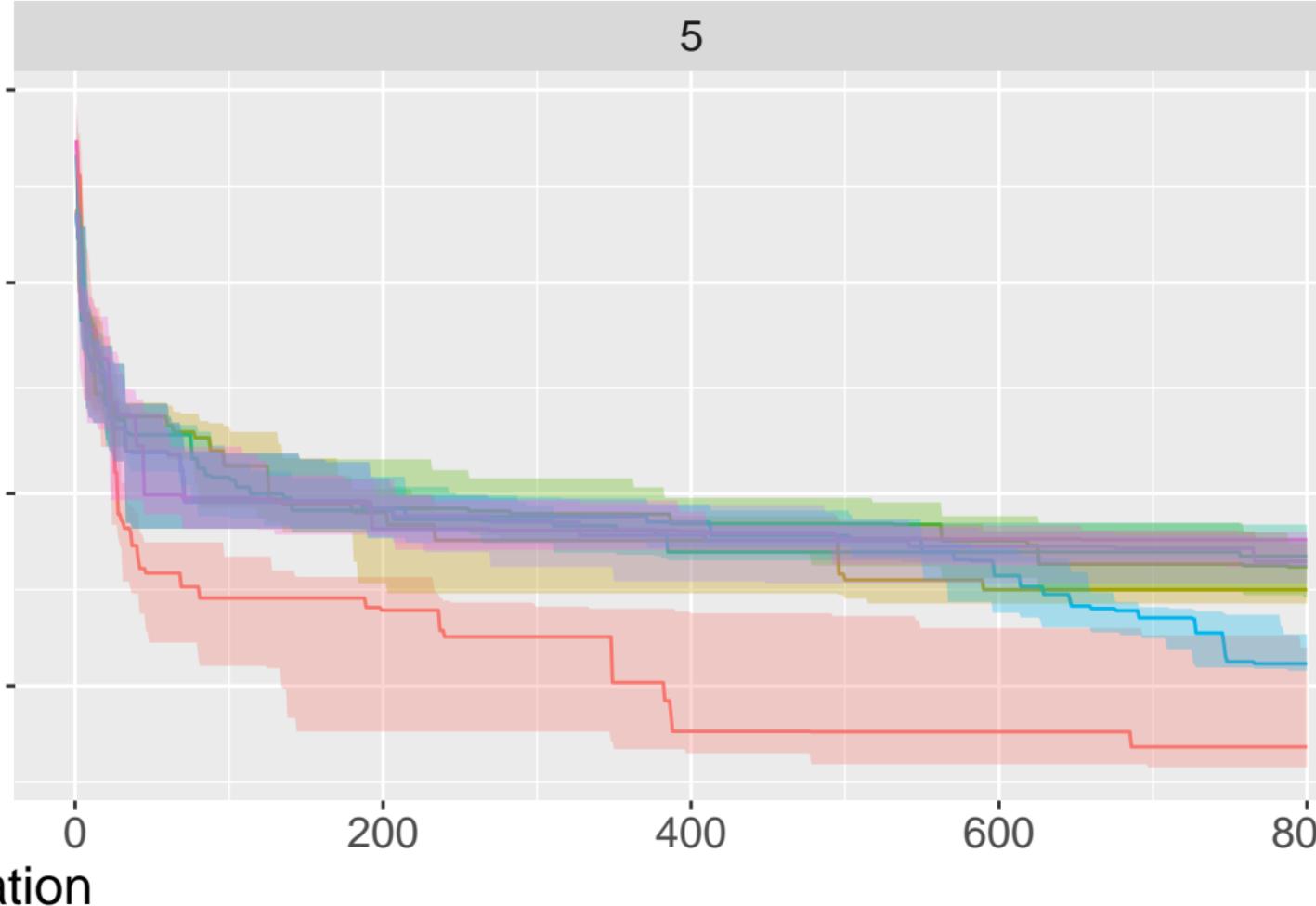
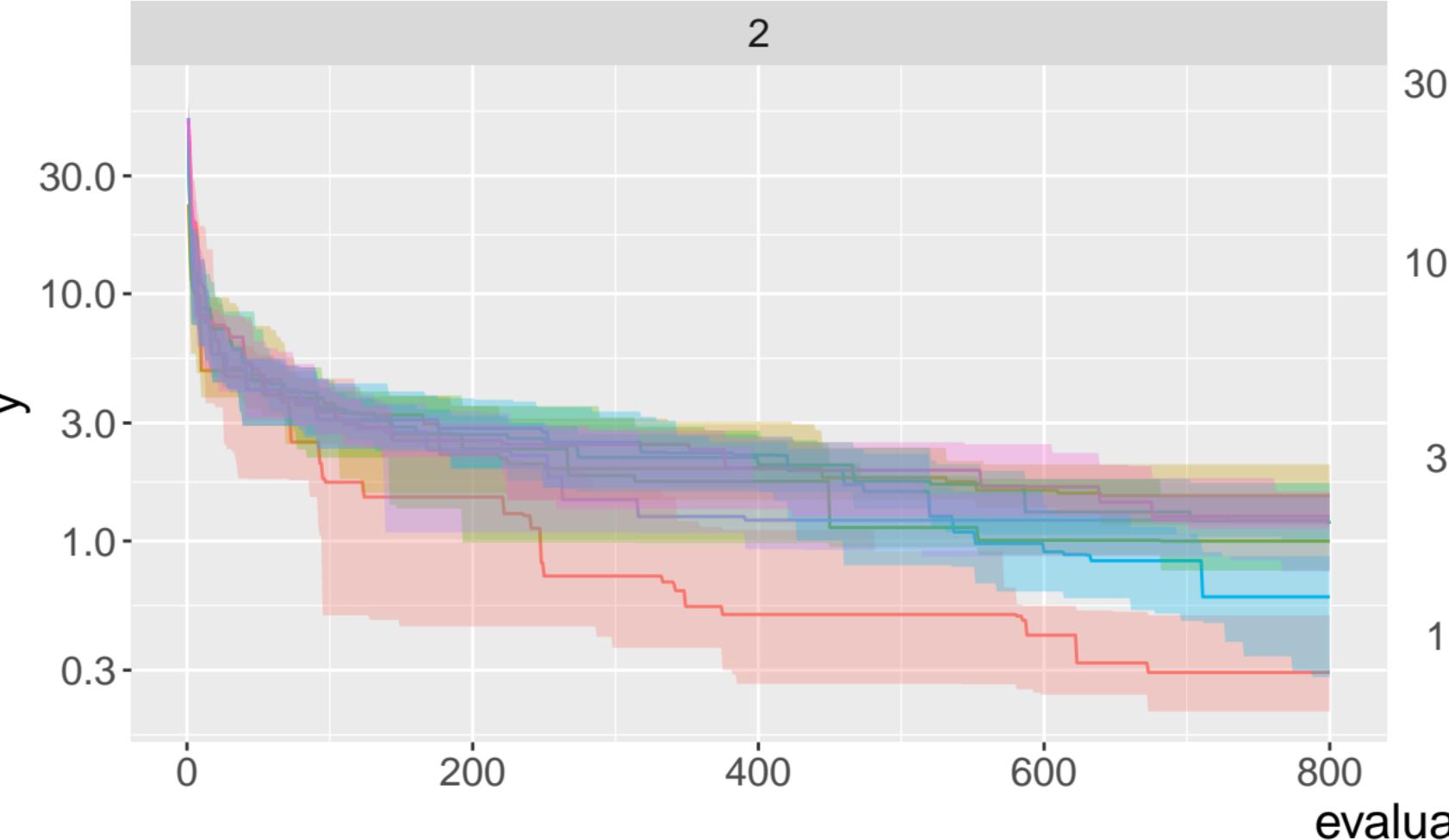
- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

FunID: 22 – BatchSize: 4





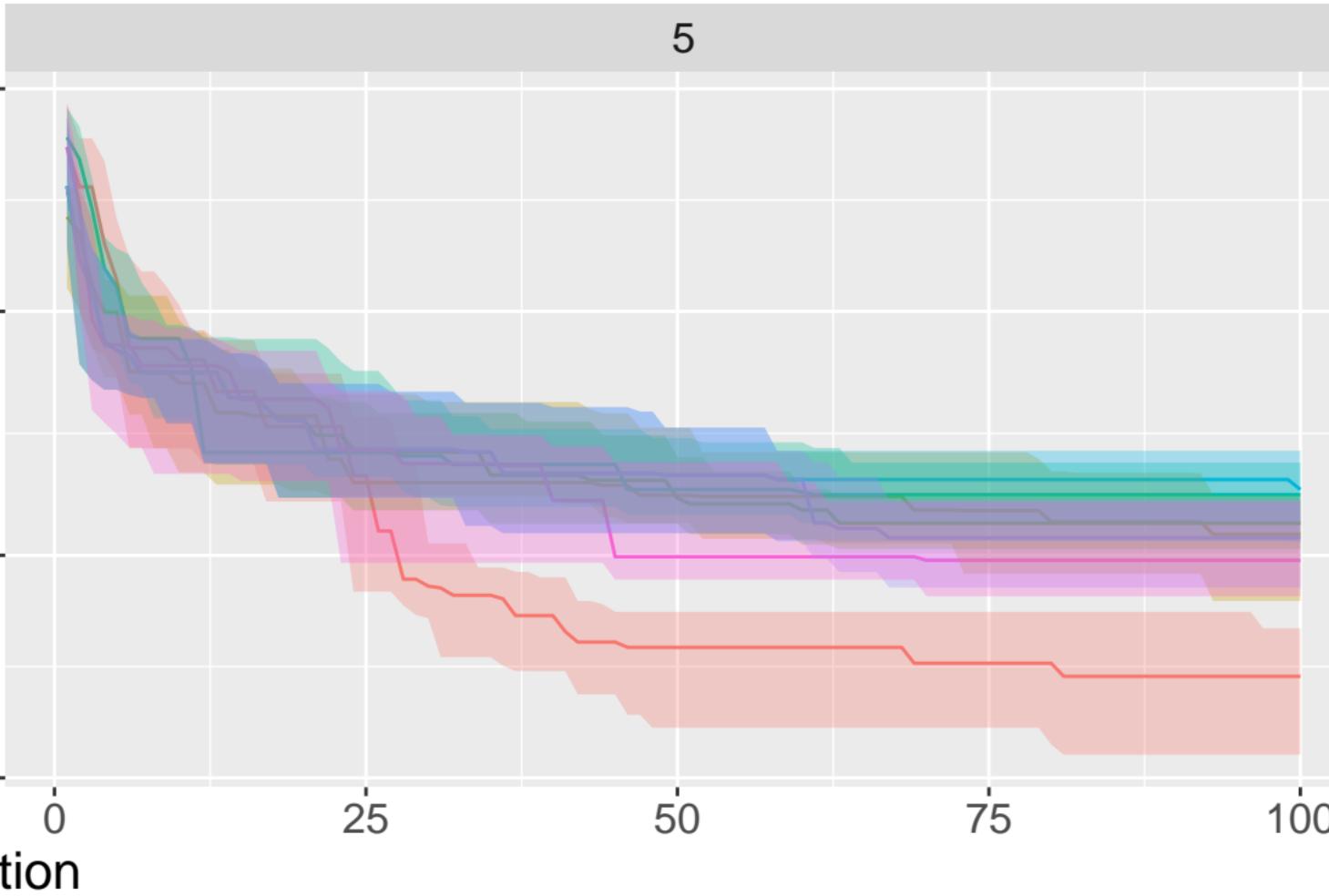
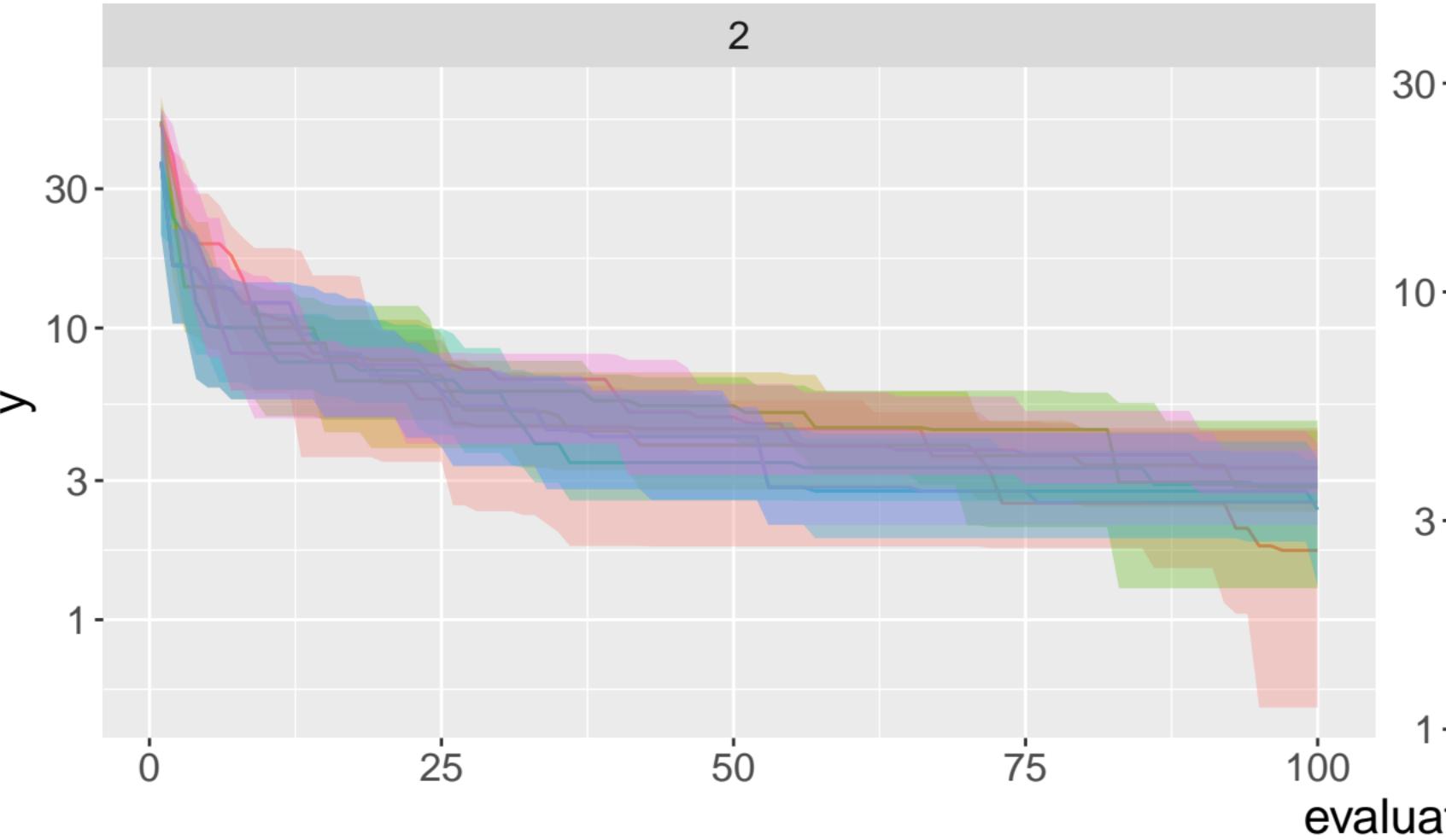
FunID: 23 – BatchSize: 16



algName

- 1+1ES\_16
- CMAES\_16
- IPI\_16
- moimbo\_16
- MultiLocalEI\_16
- Q-EI\_16
- RandomSearch\_16

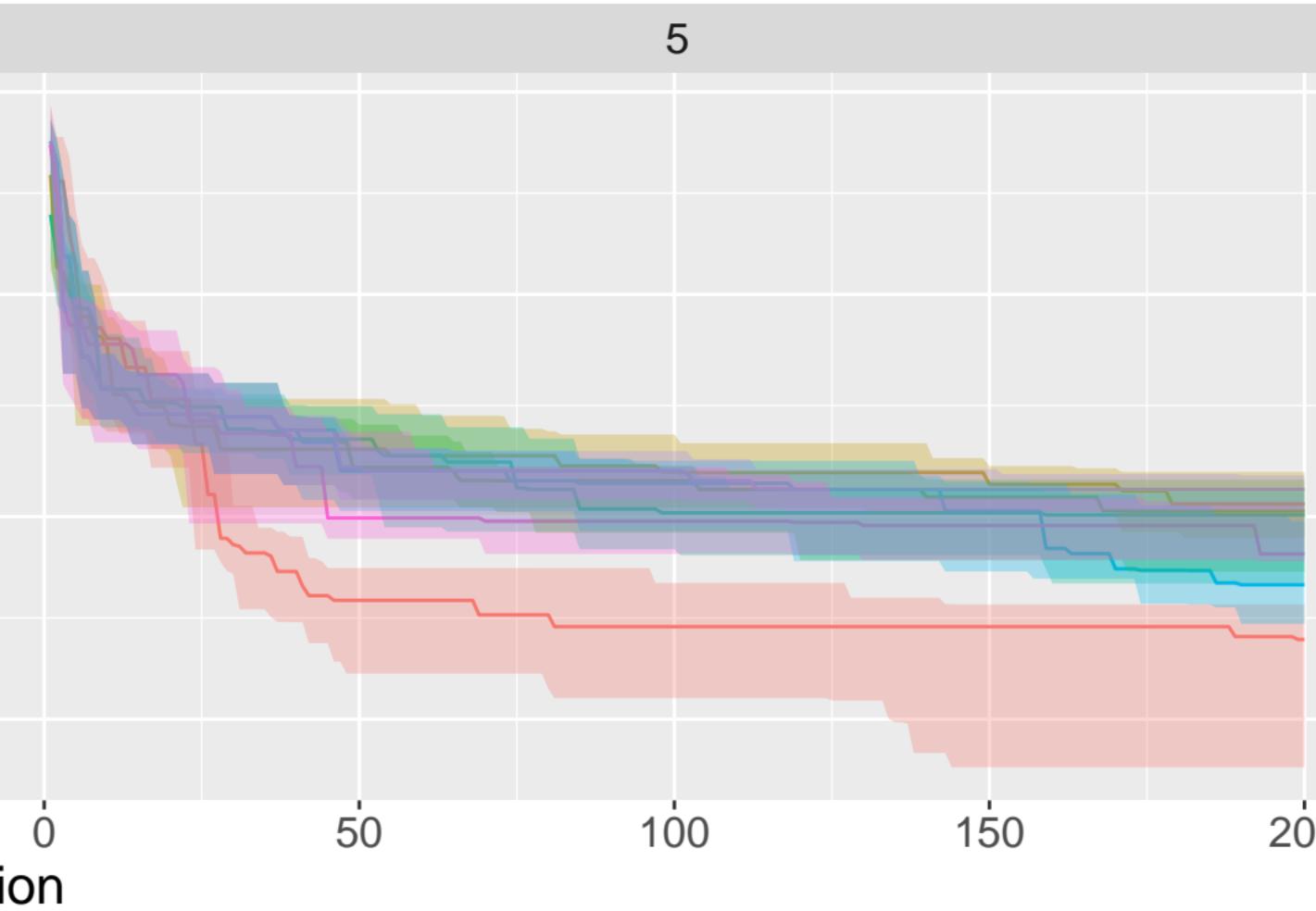
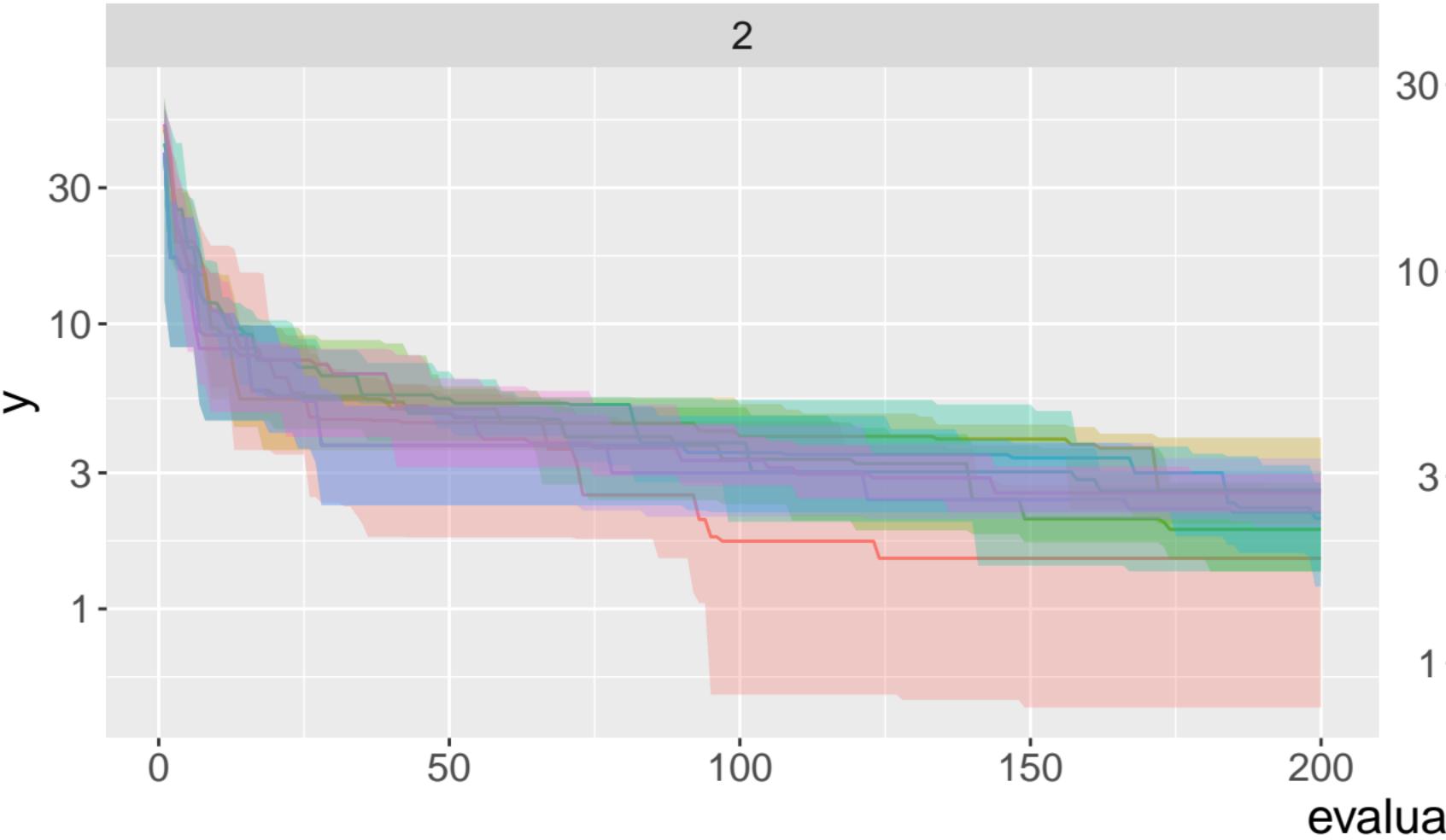
FunID: 23 – BatchSize: 2



algName

- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

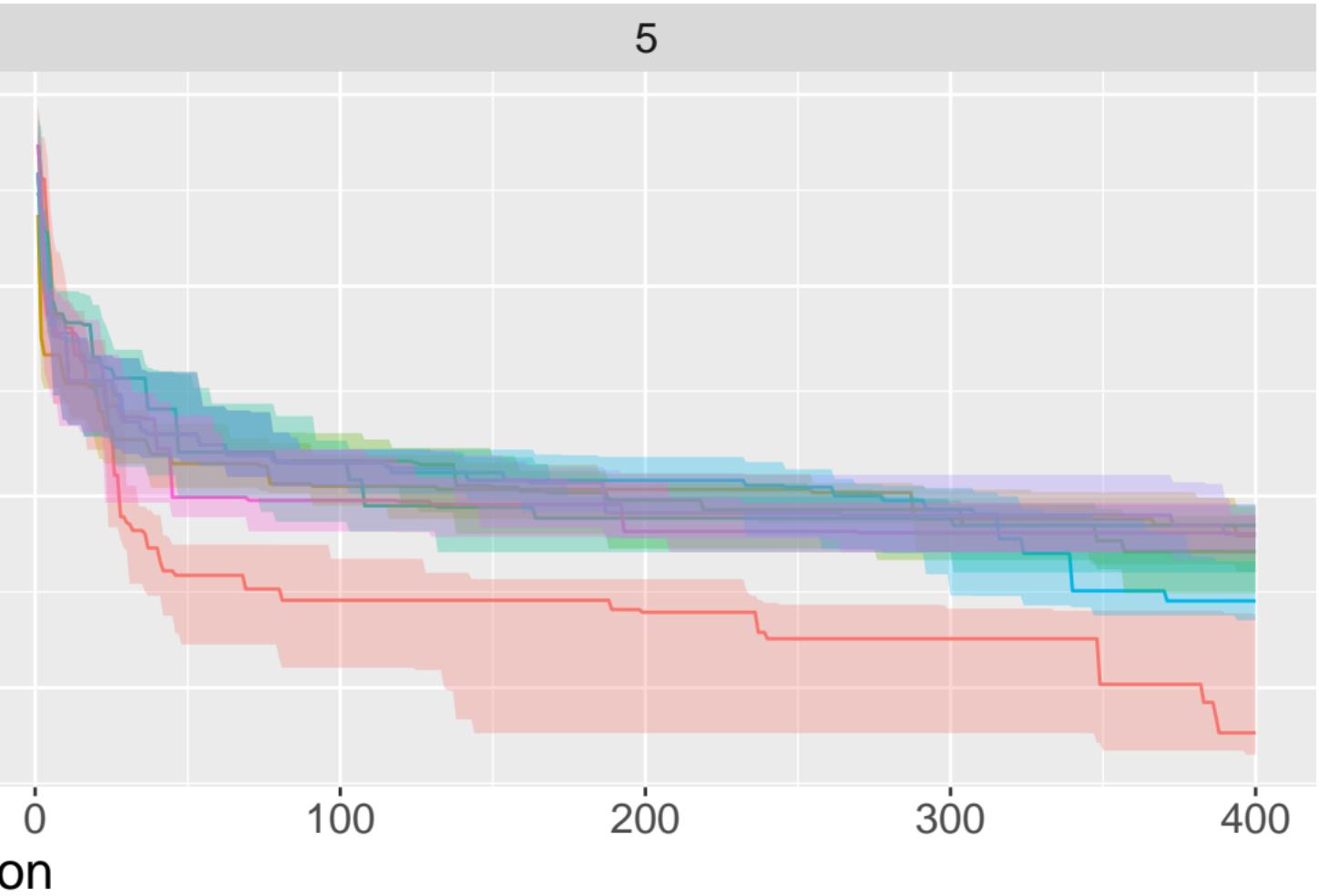
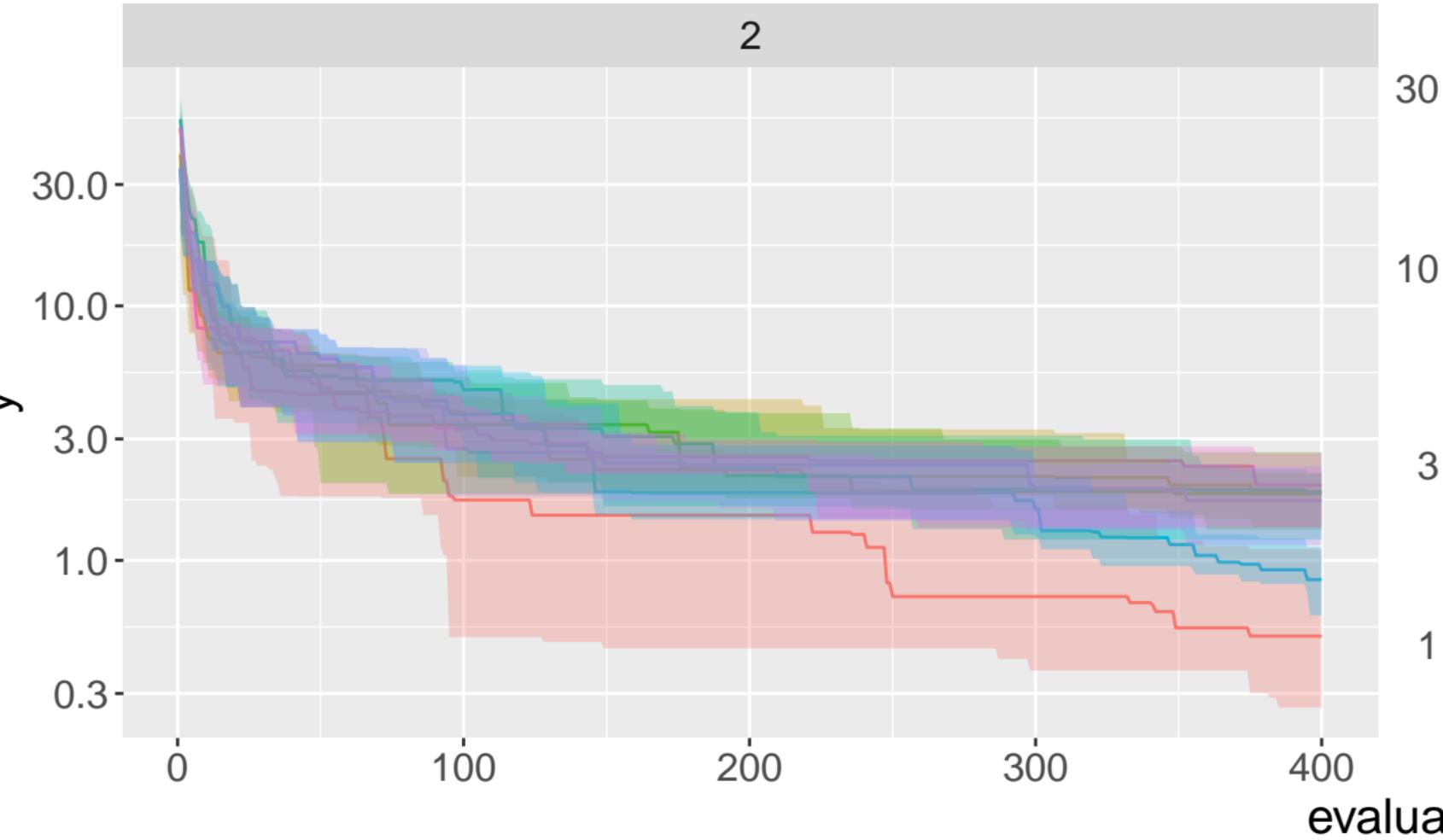
FunID: 23 – BatchSize: 4



algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

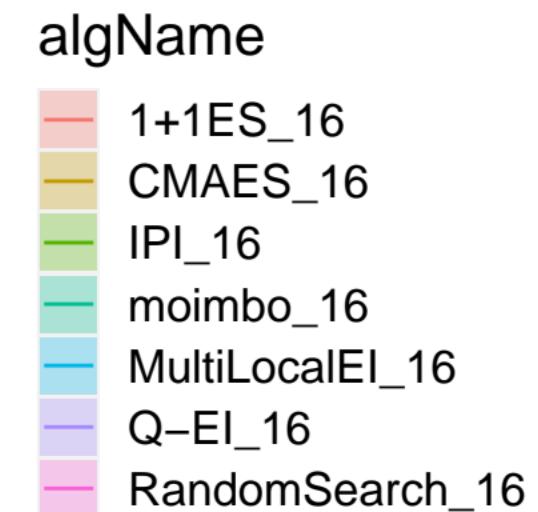
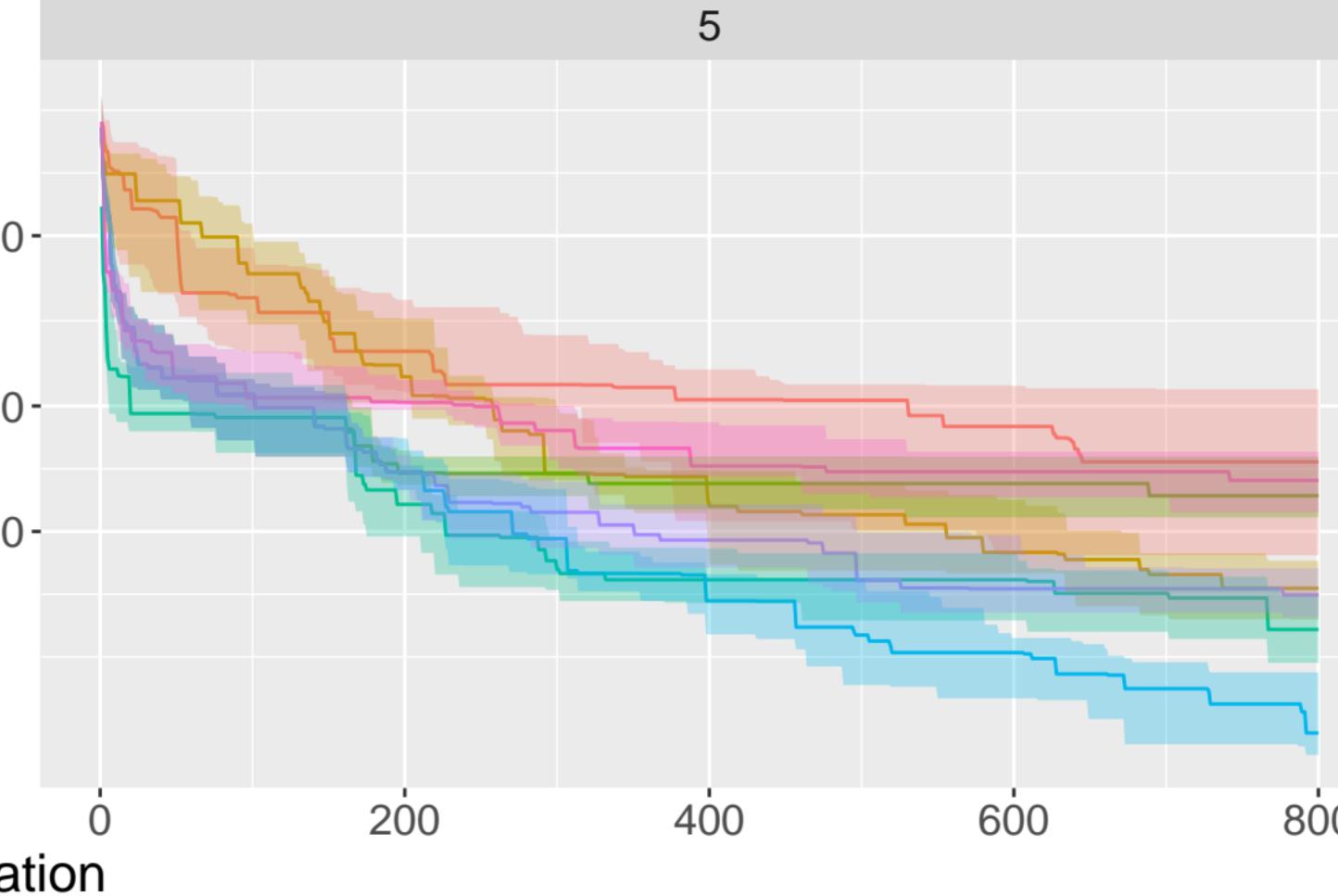
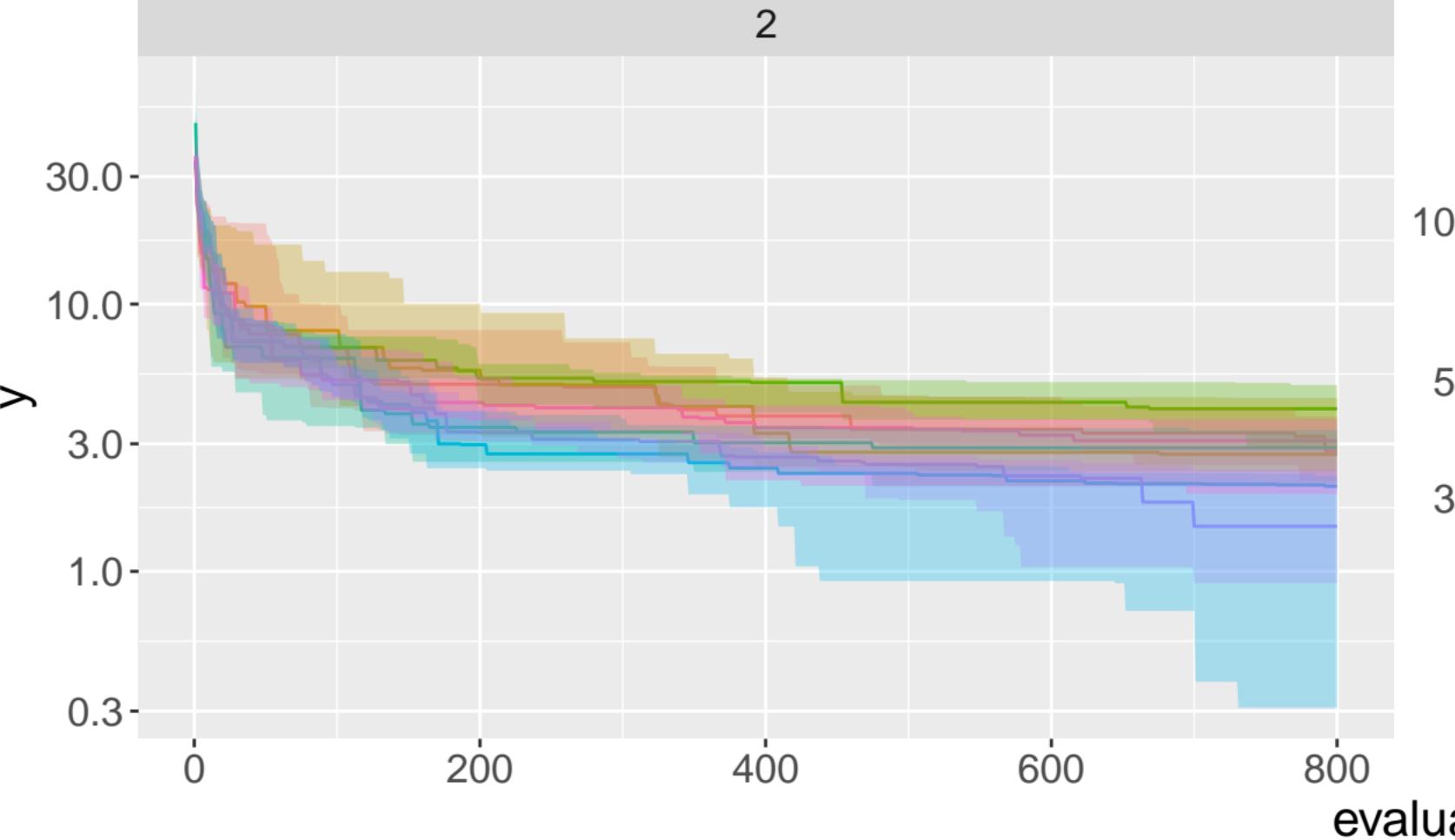
FunID: 23 – BatchSize: 8



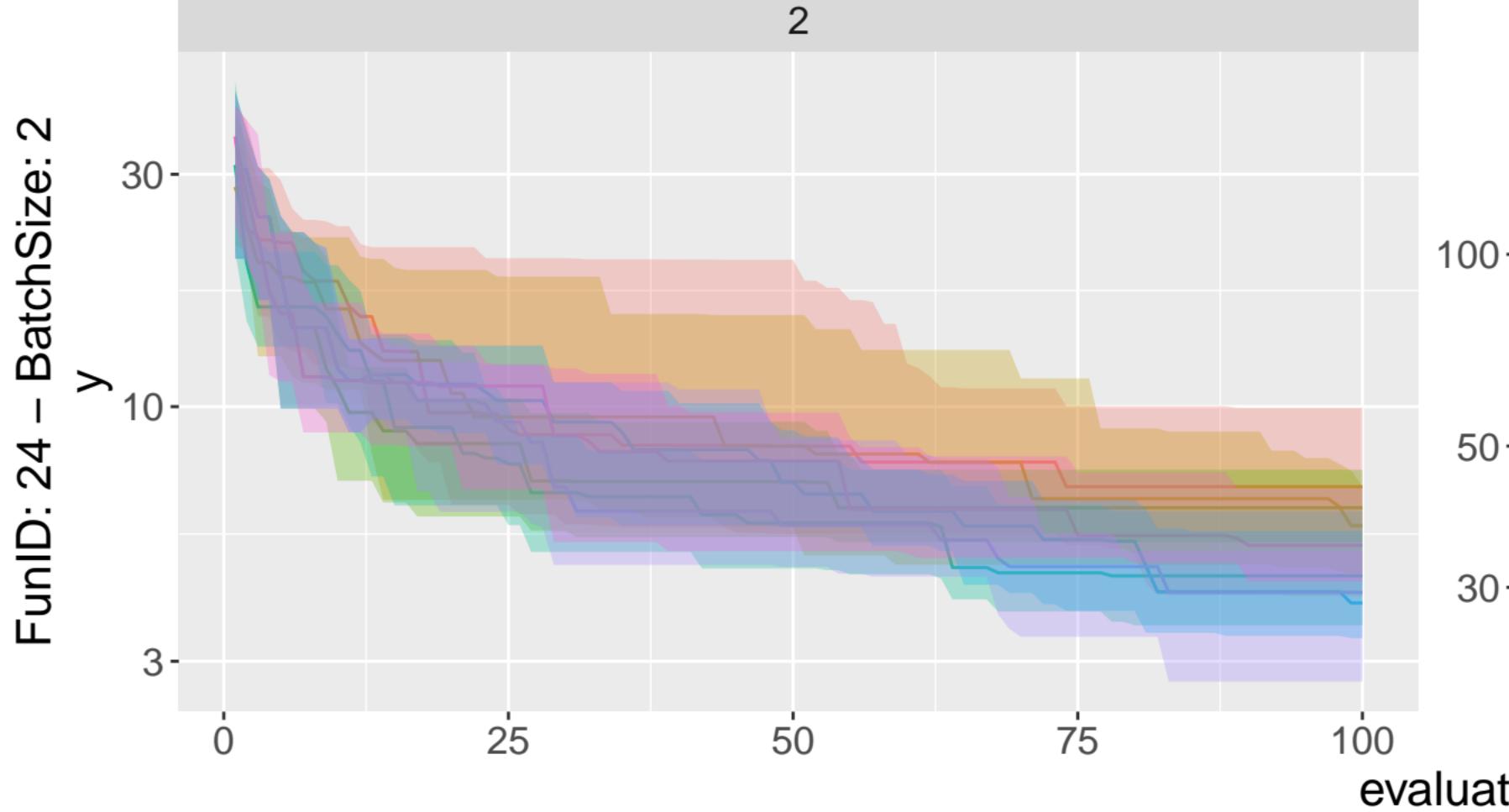
algName

- 1+1ES\_8
- CMAES\_8
- IPI\_8
- moimbo\_8
- MultiLocalEI\_8
- Q-EI\_8
- RandomSearch\_8

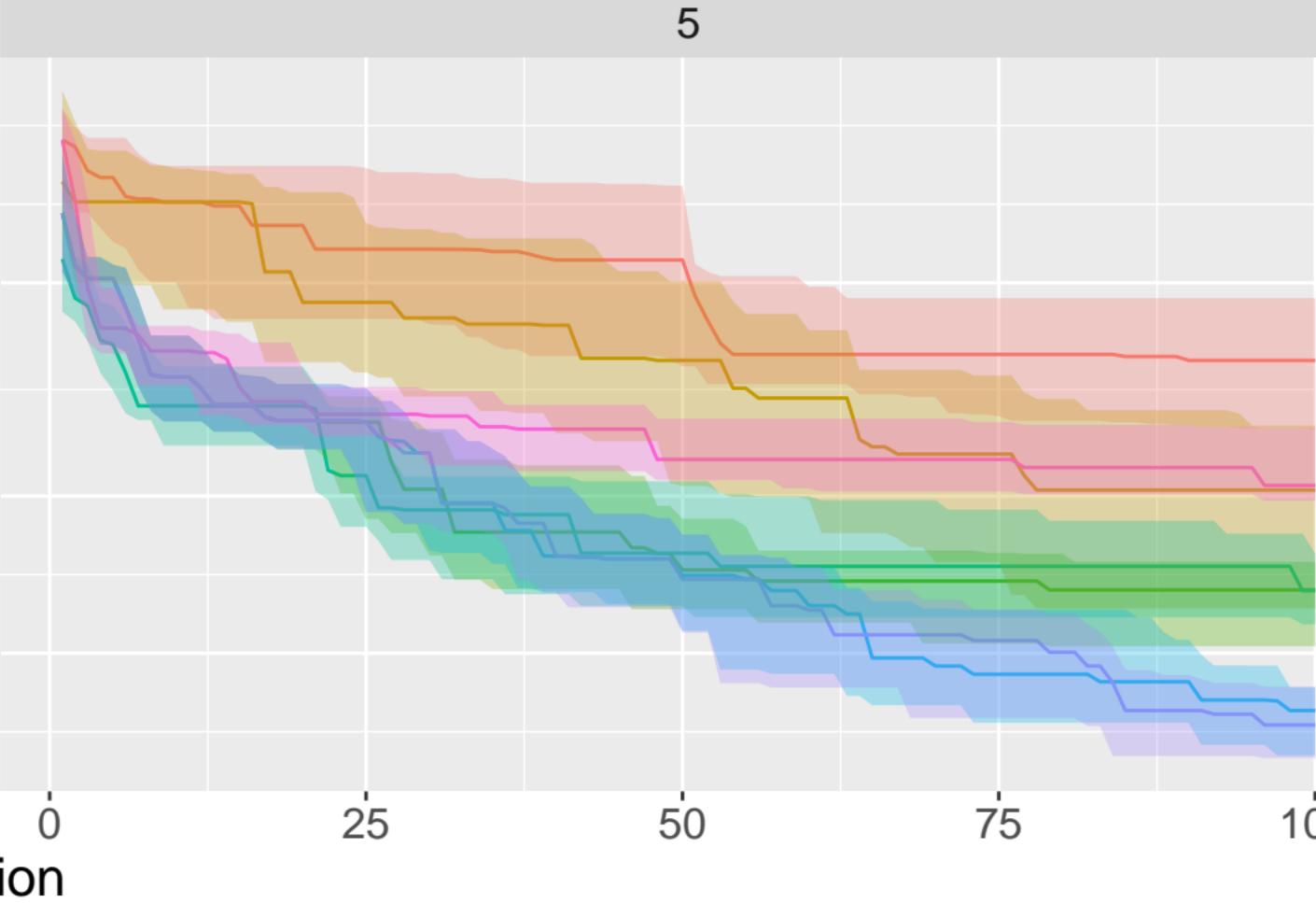
FunID: 24 – BatchSize: 16



FunID: 24 – BatchSize: 2



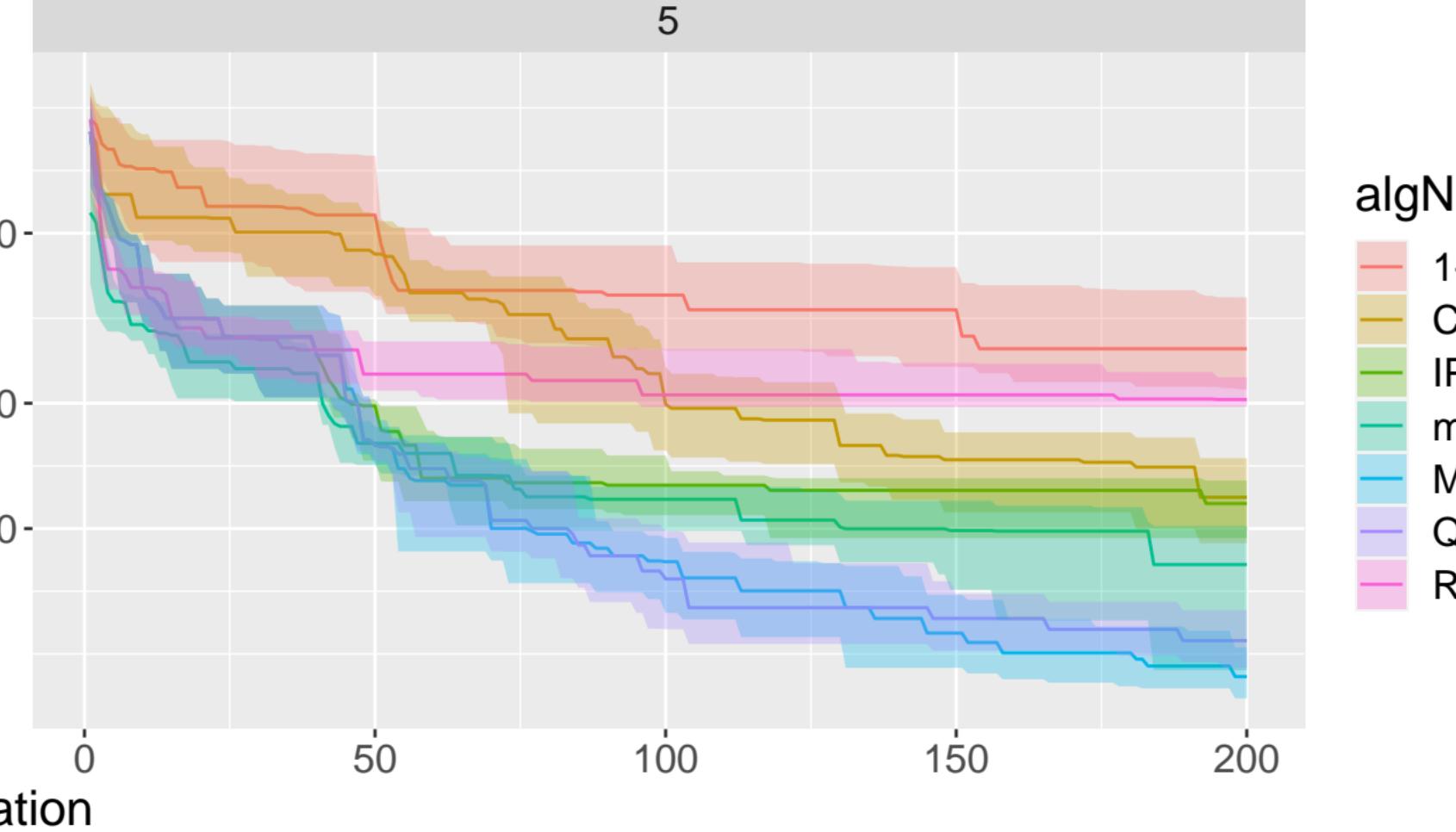
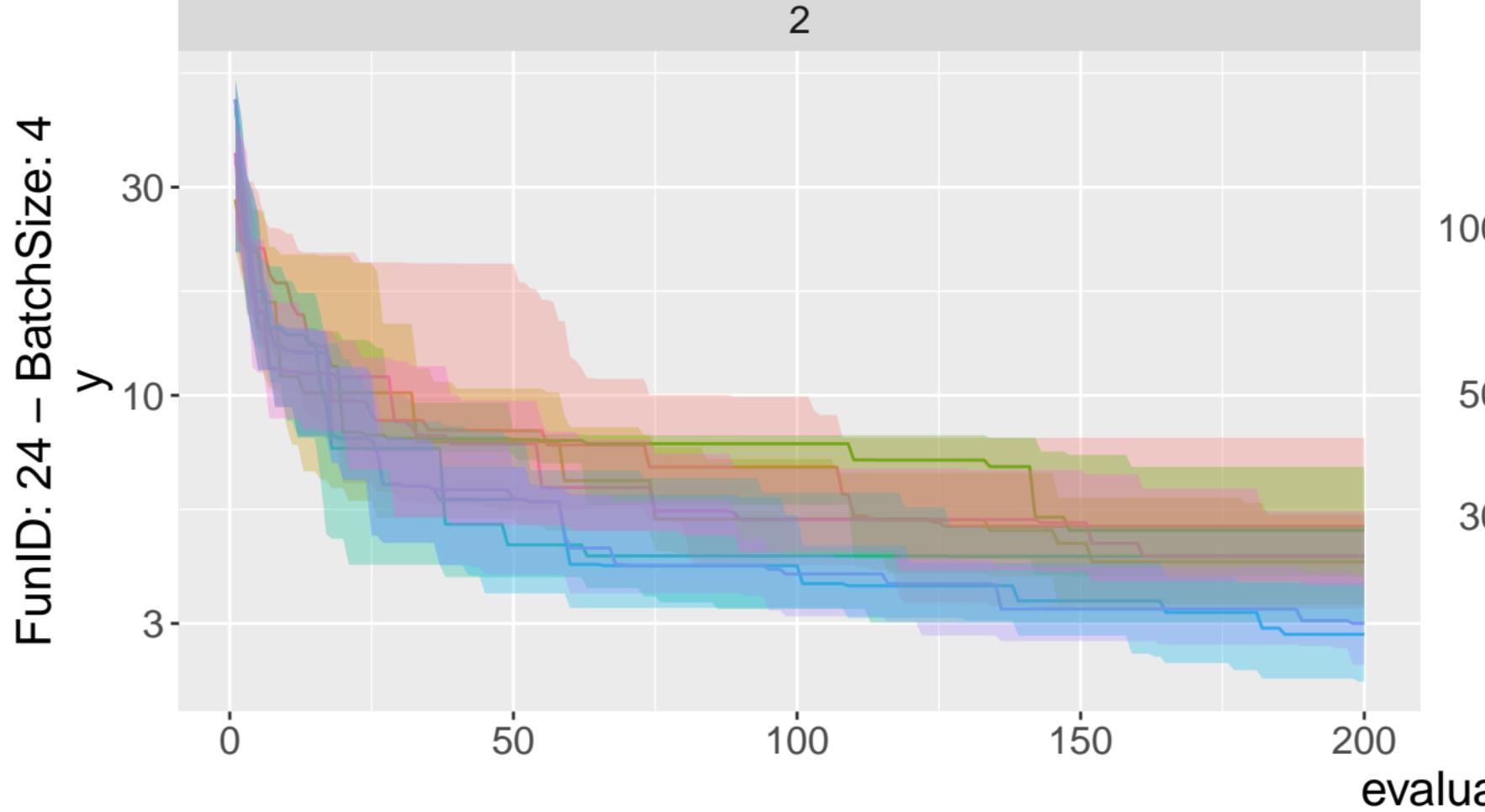
FunID: 24 – BatchSize: 5



algName

- 1+1ES\_2
- CMAES\_2
- IPI\_2
- moimbo\_2
- MultiLocalEI\_2
- Q-EI\_2
- RandomSearch\_2

FunID: 24 – BatchSize: 4

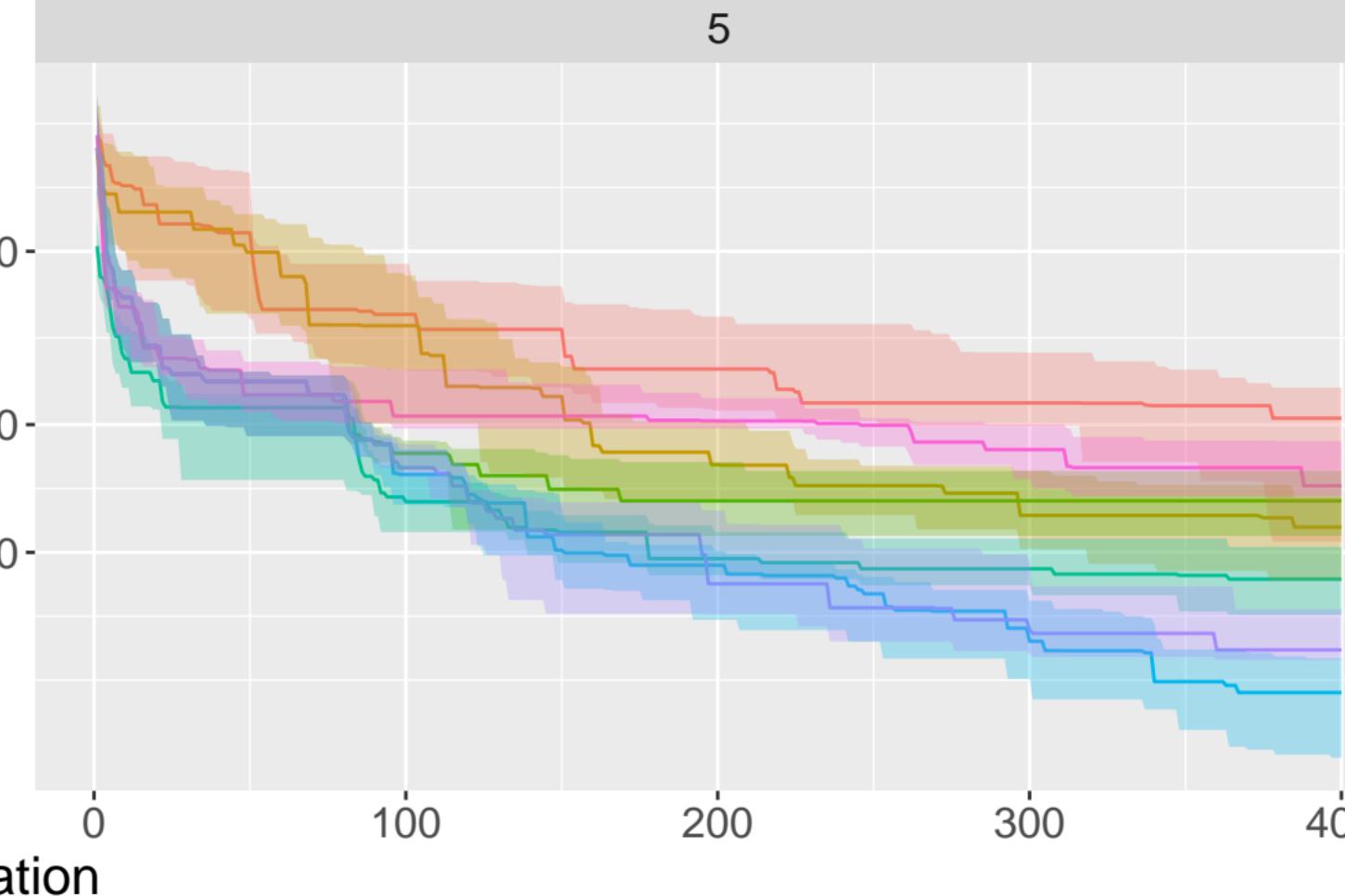
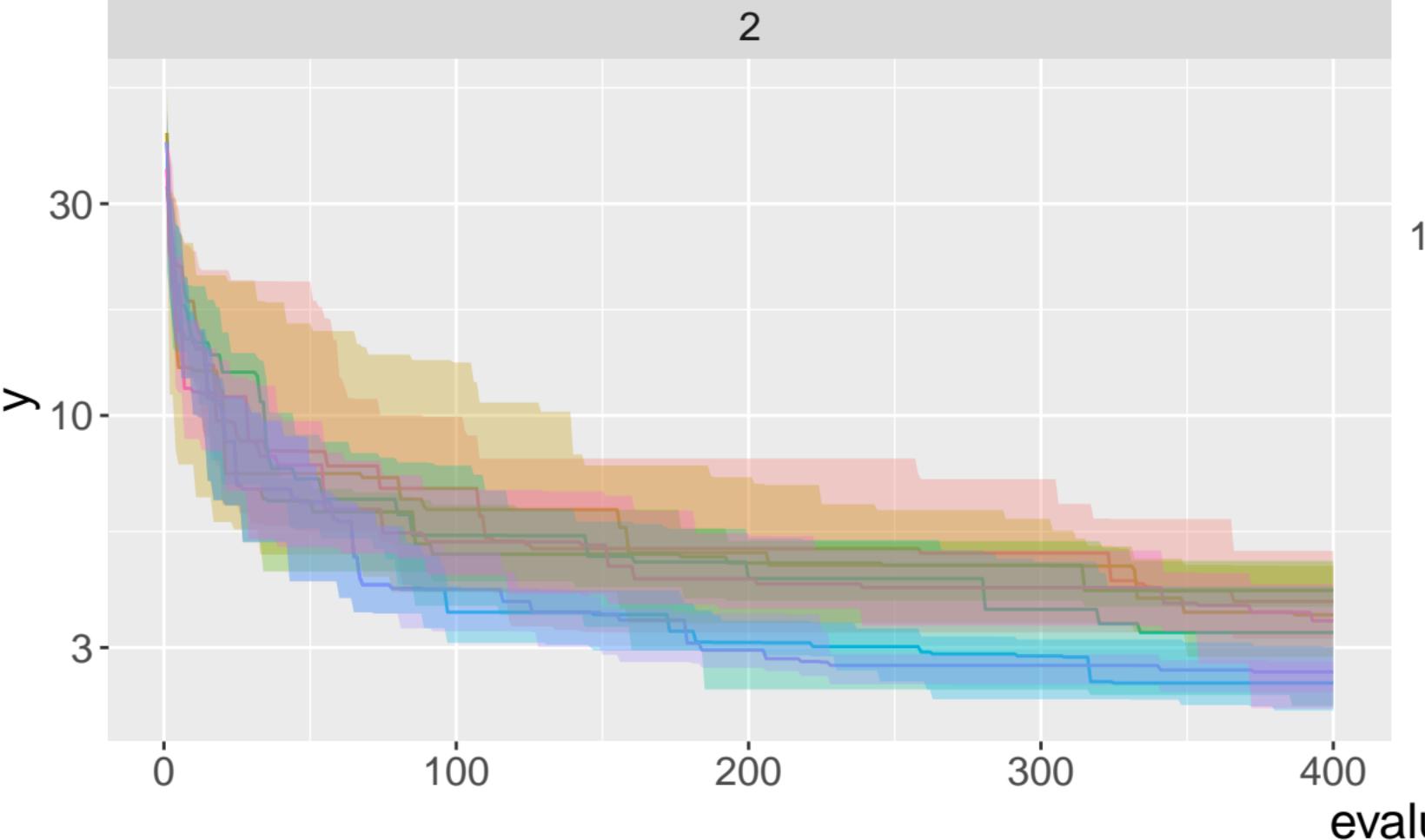


algName

- 1+1ES\_4
- CMAES\_4
- IPI\_4
- moimbo\_4
- MultiLocalEI\_4
- Q-EI\_4
- RandomSearch\_4

FunID: 24 – BatchSize: 8

y



algName

- 1+1ES\_8
- CMAES\_8
- IPI\_8
- moimbo\_8
- MultiLocalEI\_8
- Q-EI\_8
- RandomSearch\_8