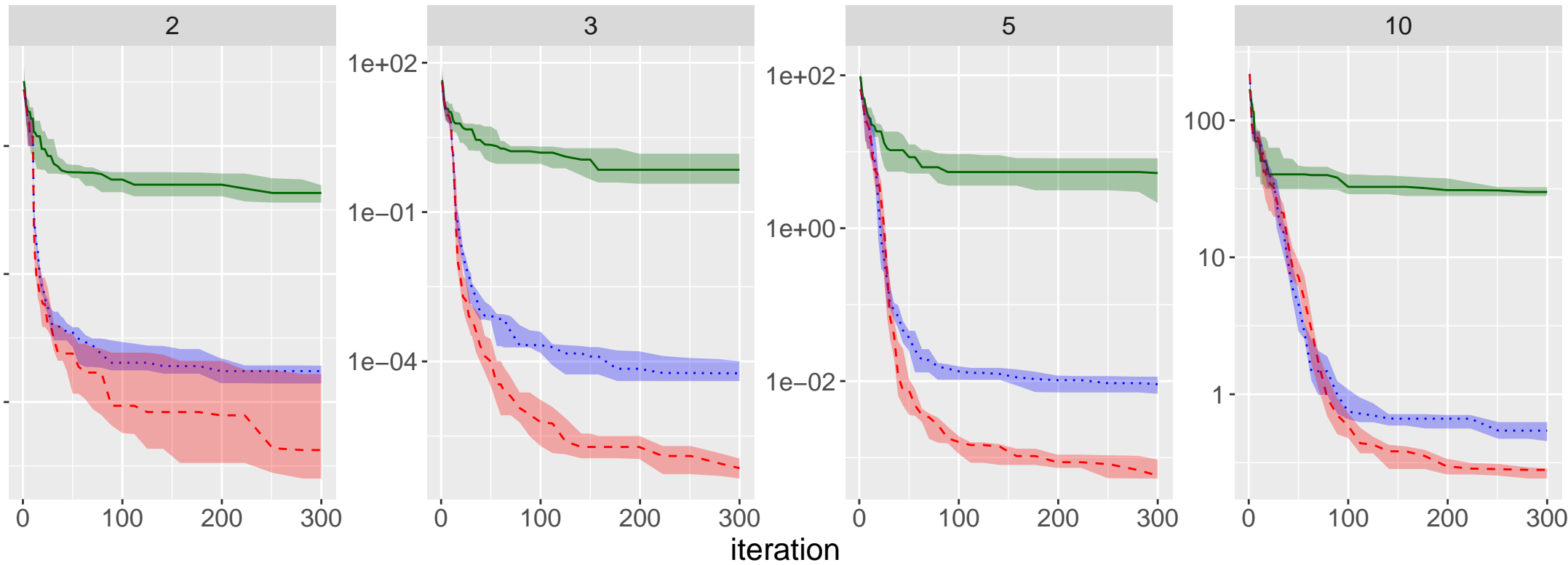


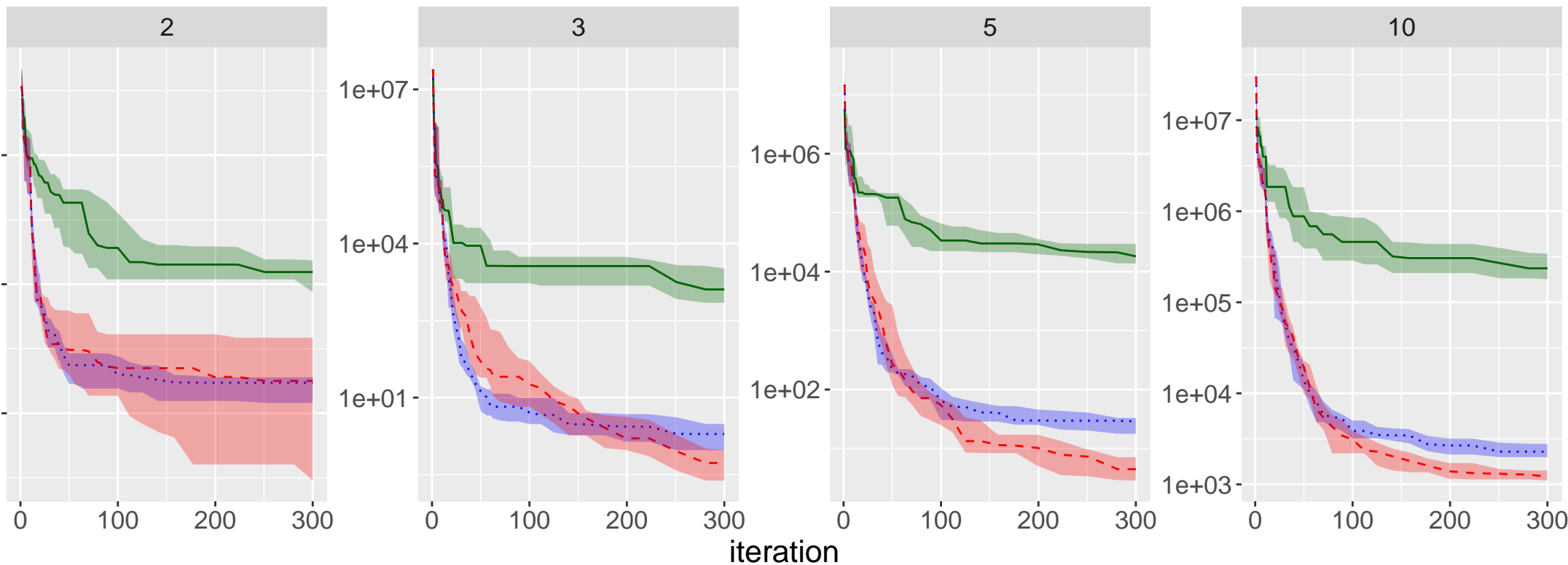
# Sphere

Objective Function Value



# Ellipsoidal

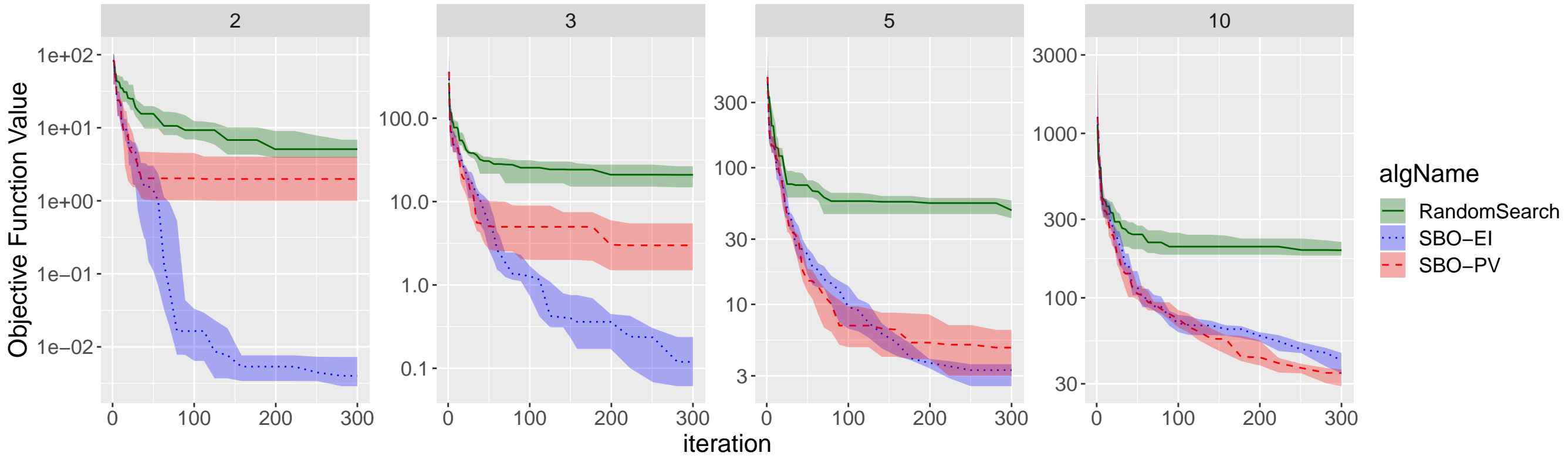
Objective Function Value



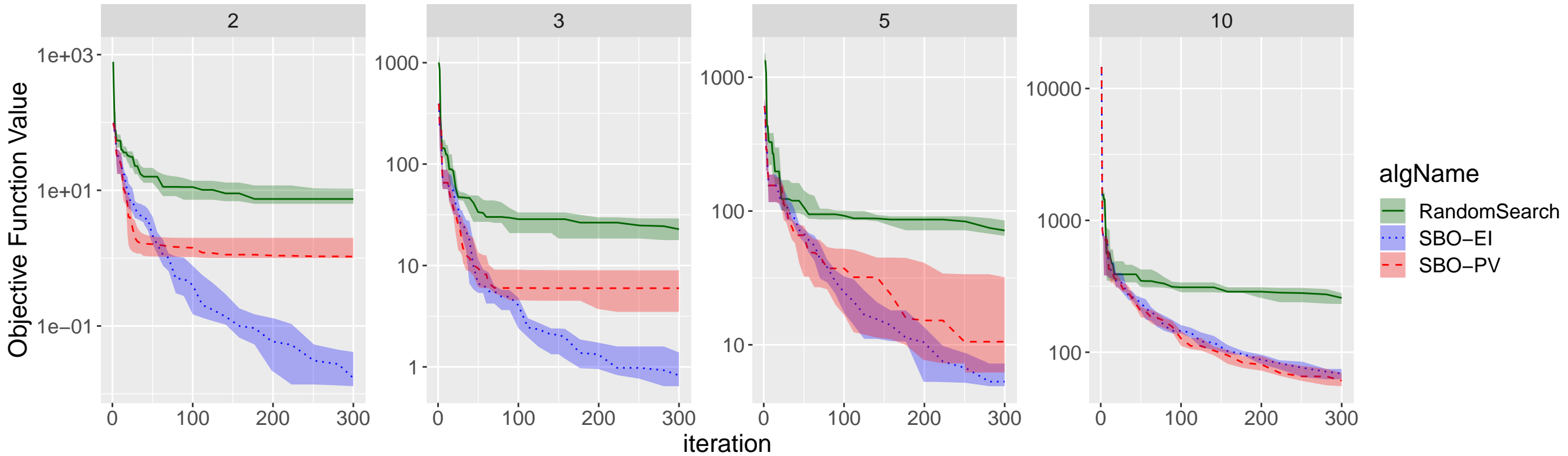
algName

- RandomSearch
- SBO-EI
- SBO-PV

# Rastrigin

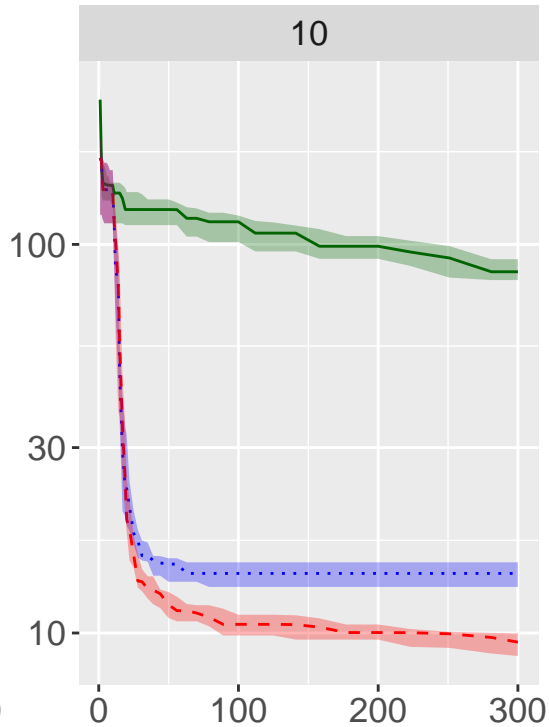
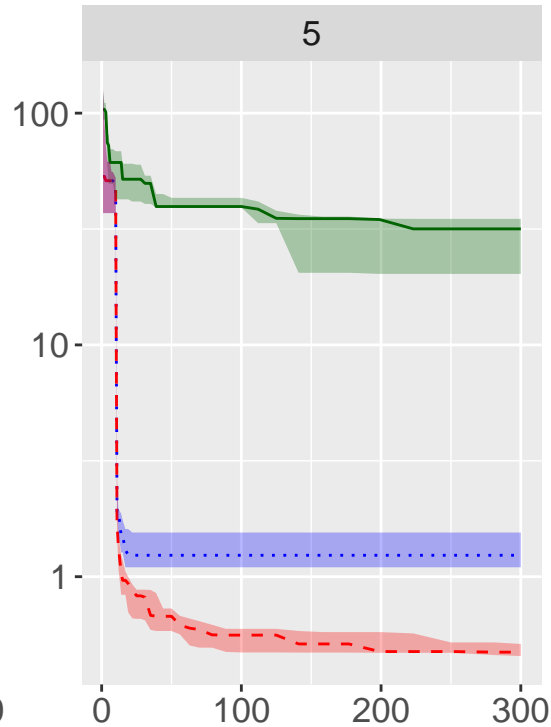
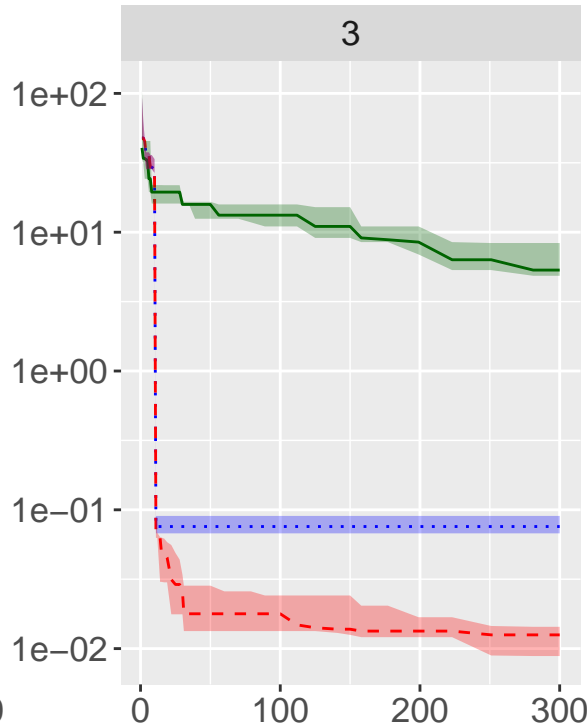
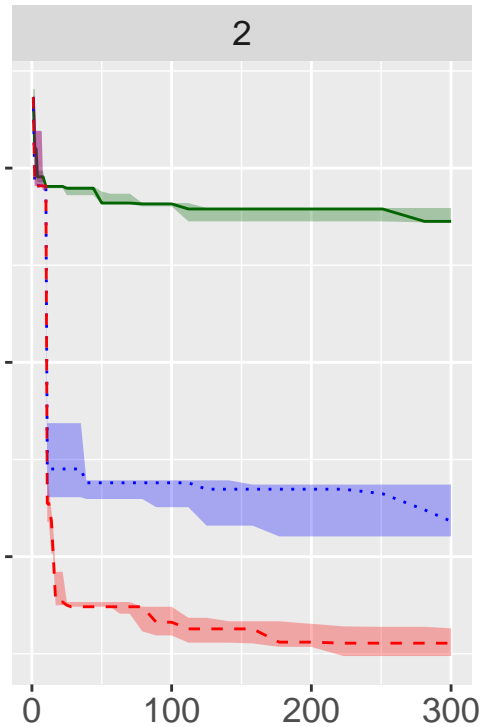


# Büche–Rastrigin



# Linear Slope

Objective Function Value



algName

- RandomSearch
- SBO-EI
- SBO-PV

# Attractive Sector

Objective Function Value

2

3

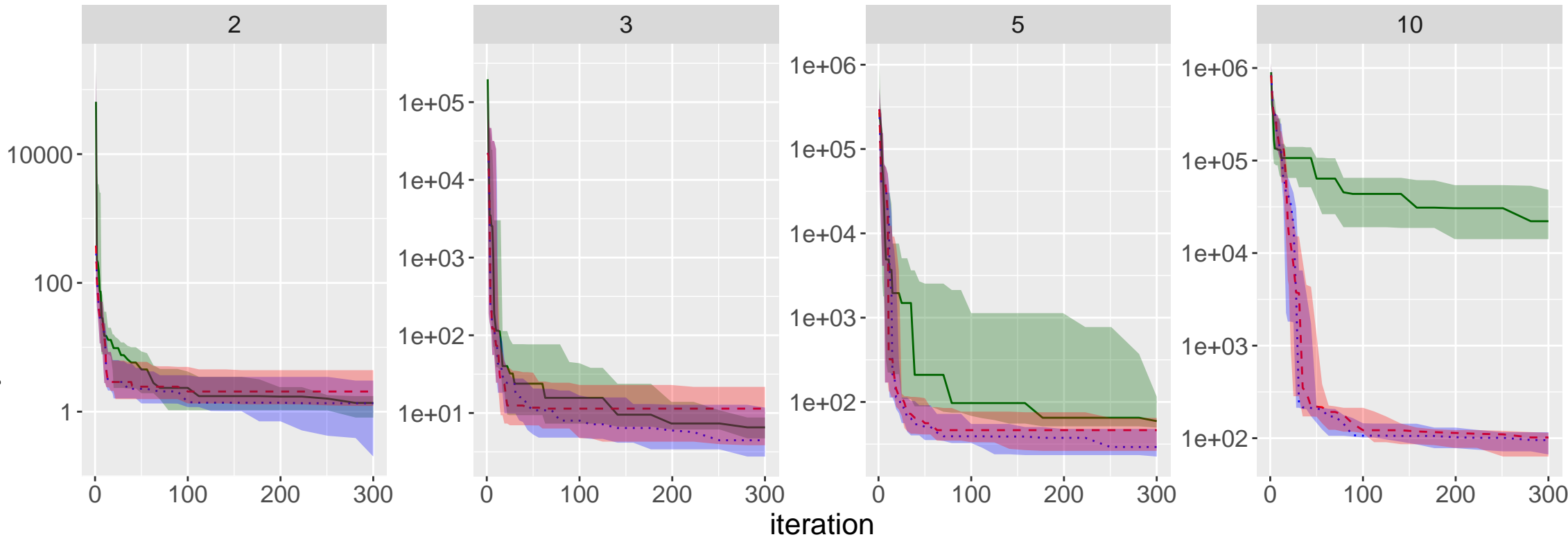
5

10

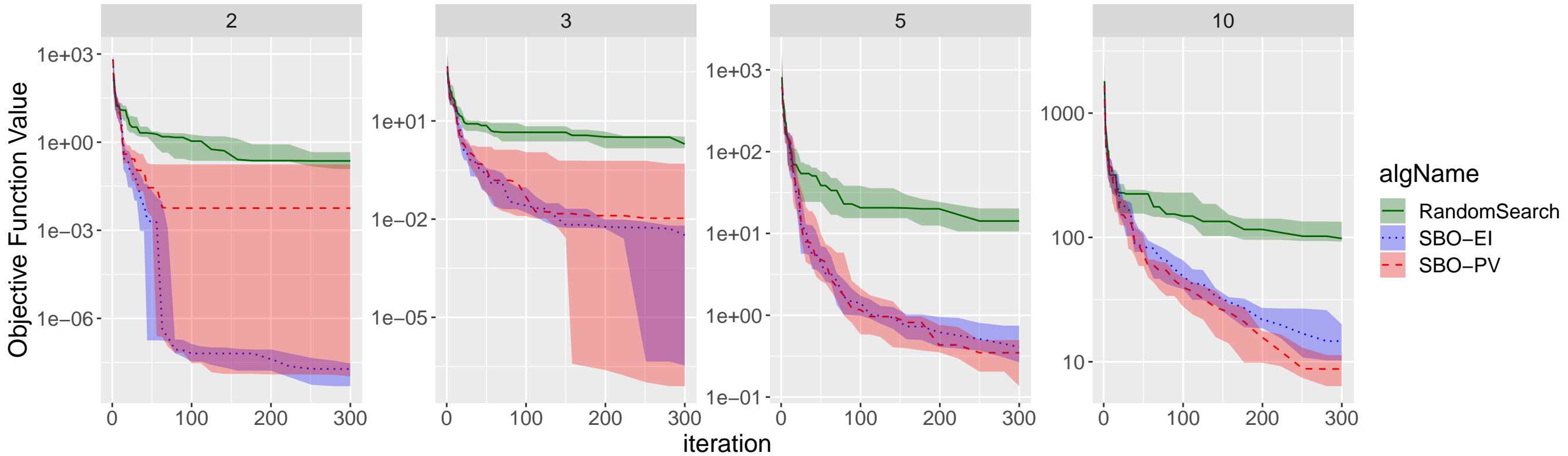
algName

- RandomSearch
- SBO-EI
- SBO-PV

iteration

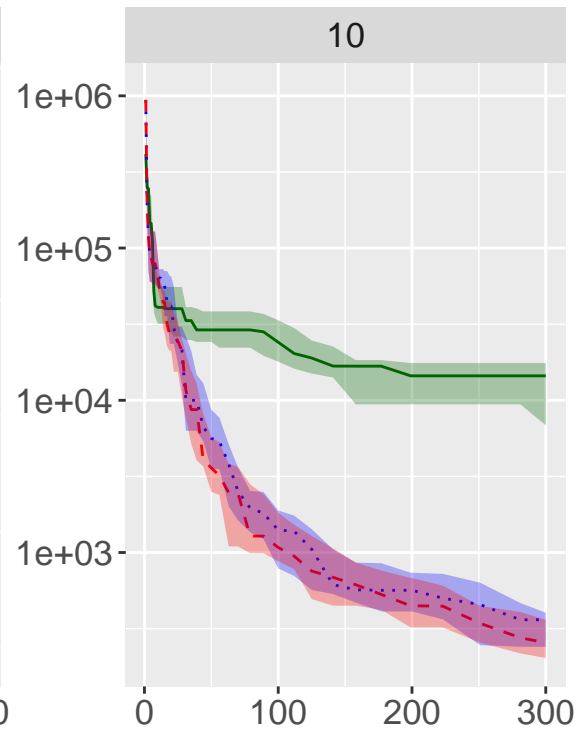
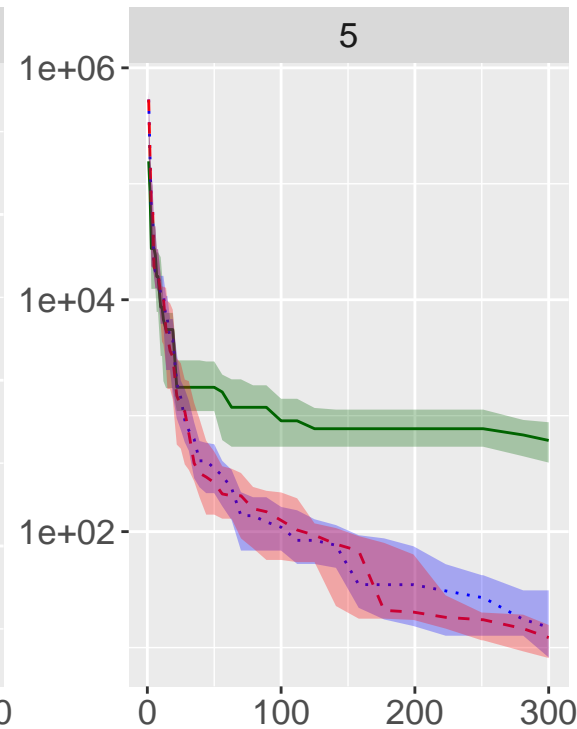
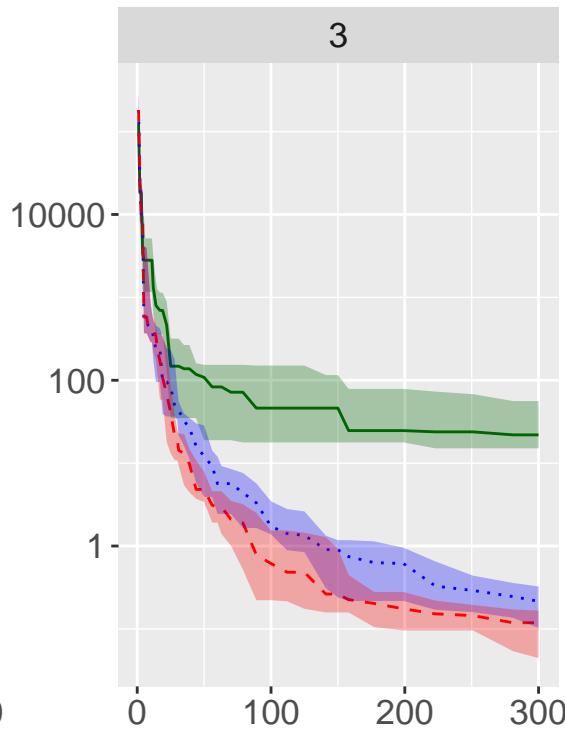
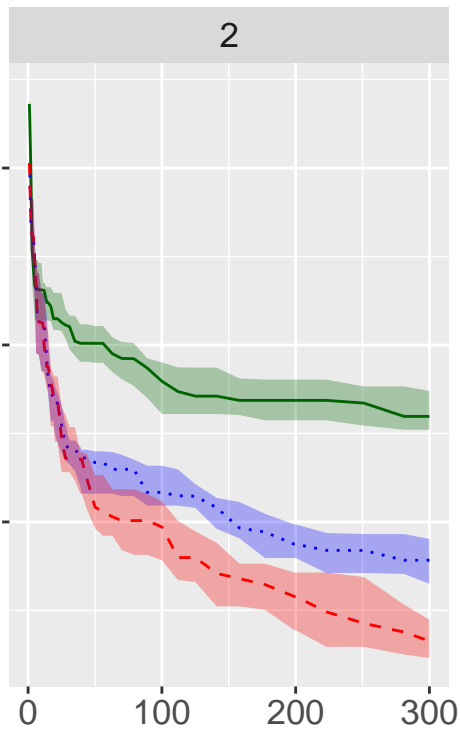


# Step Ellipsoidal



# Rosenbrock

Objective Function Value



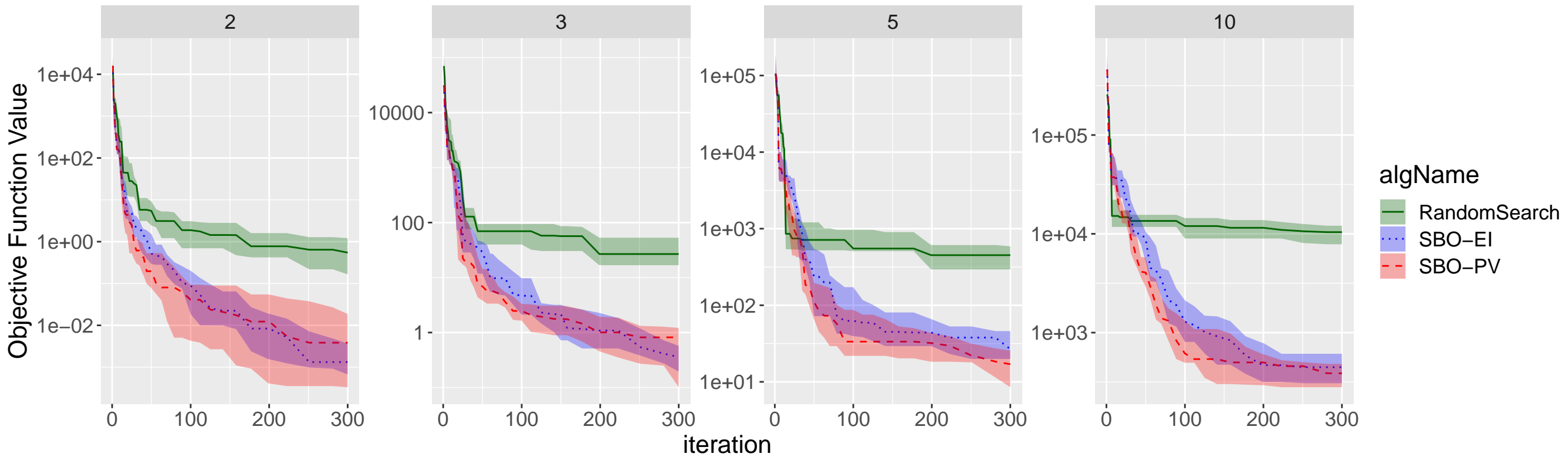
iteration

algName

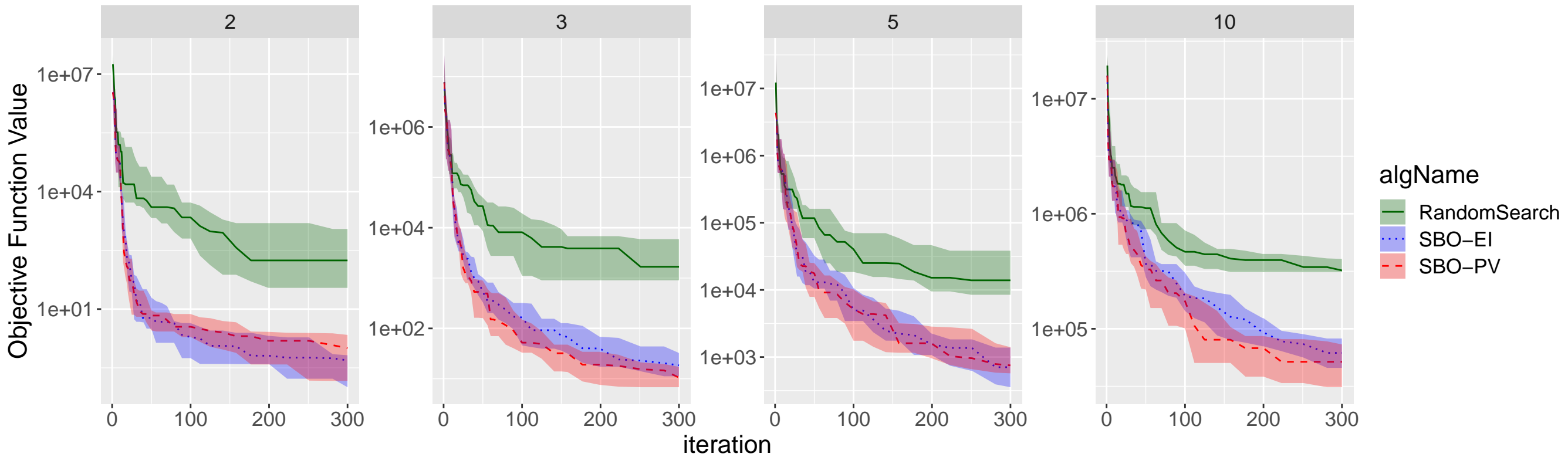
- RandomSearch
- SBO-EI
- SBO-PV



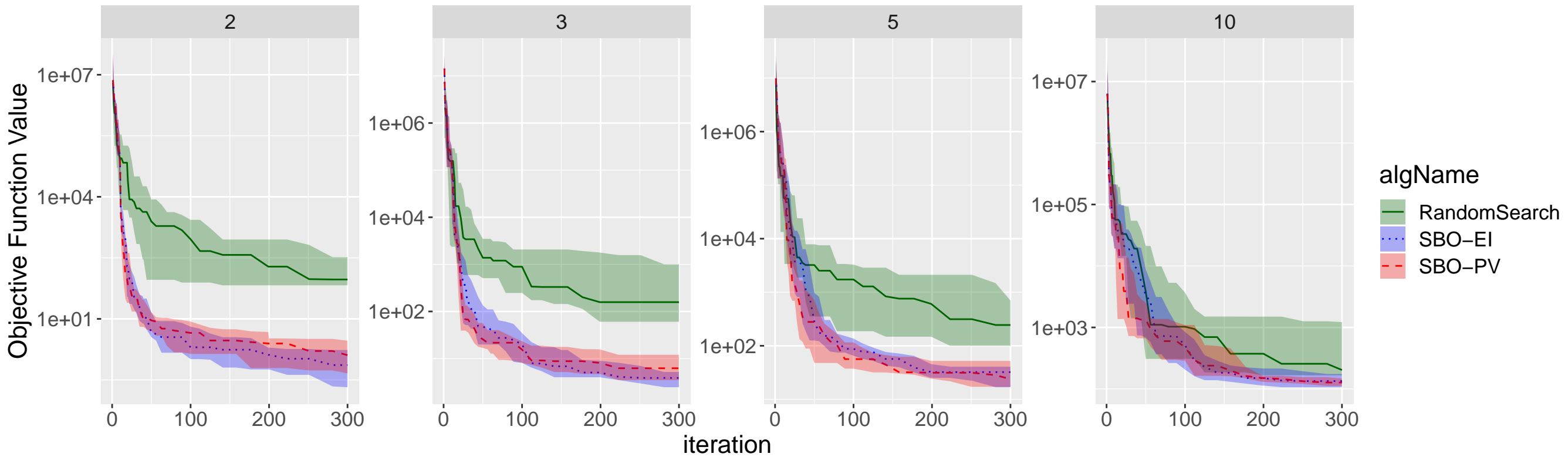
# Rosenbrock, rotated



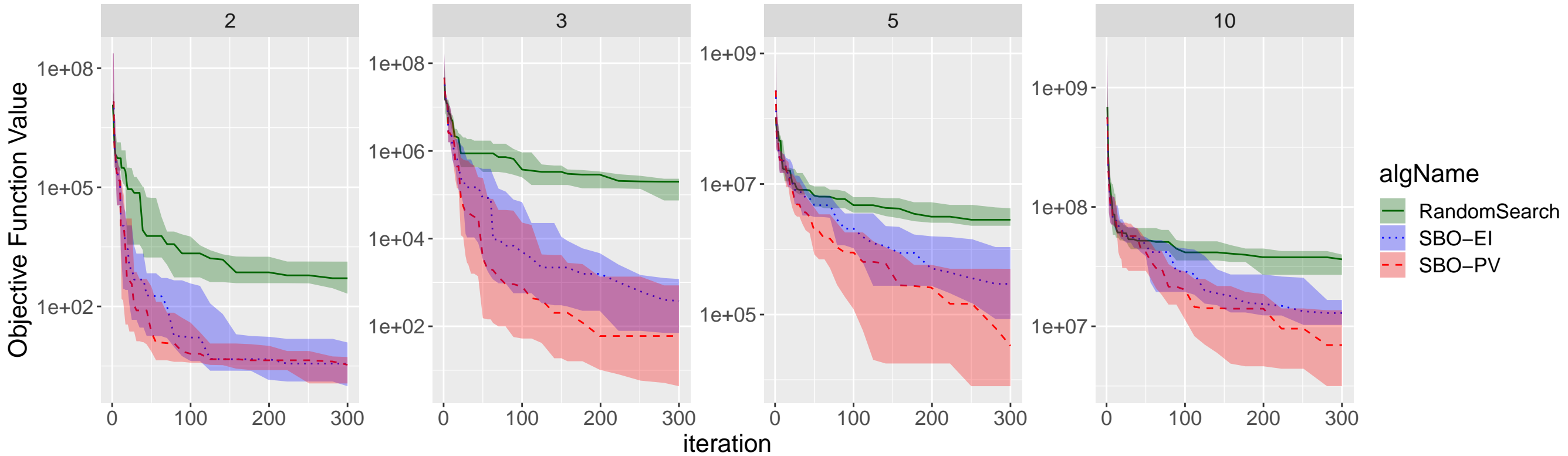
# Ellipsoidal



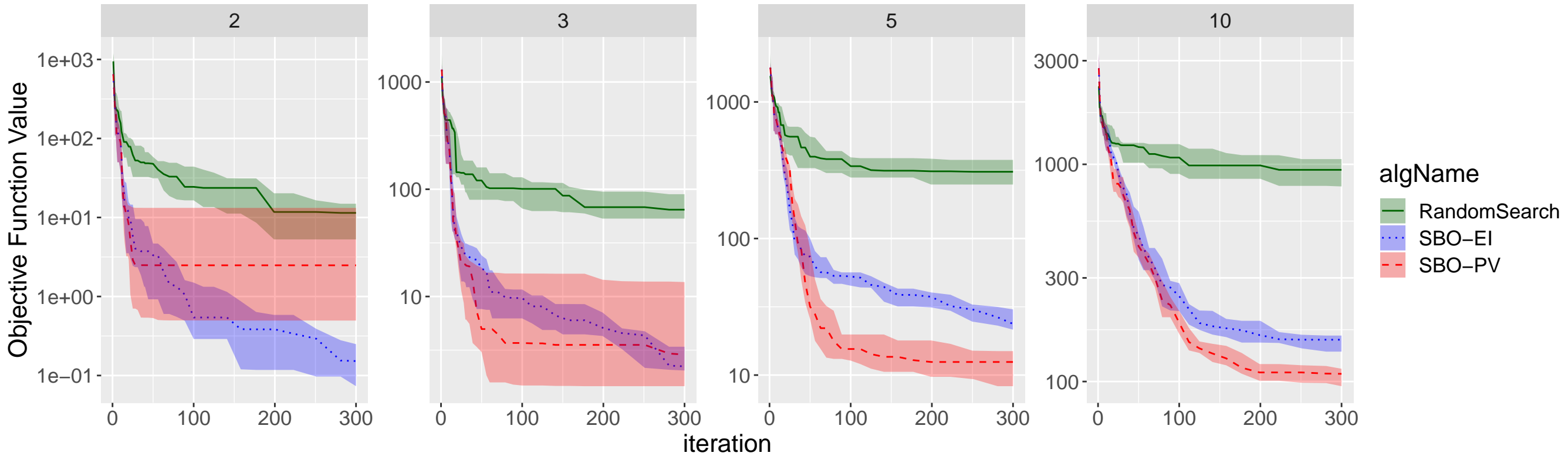
# Discus



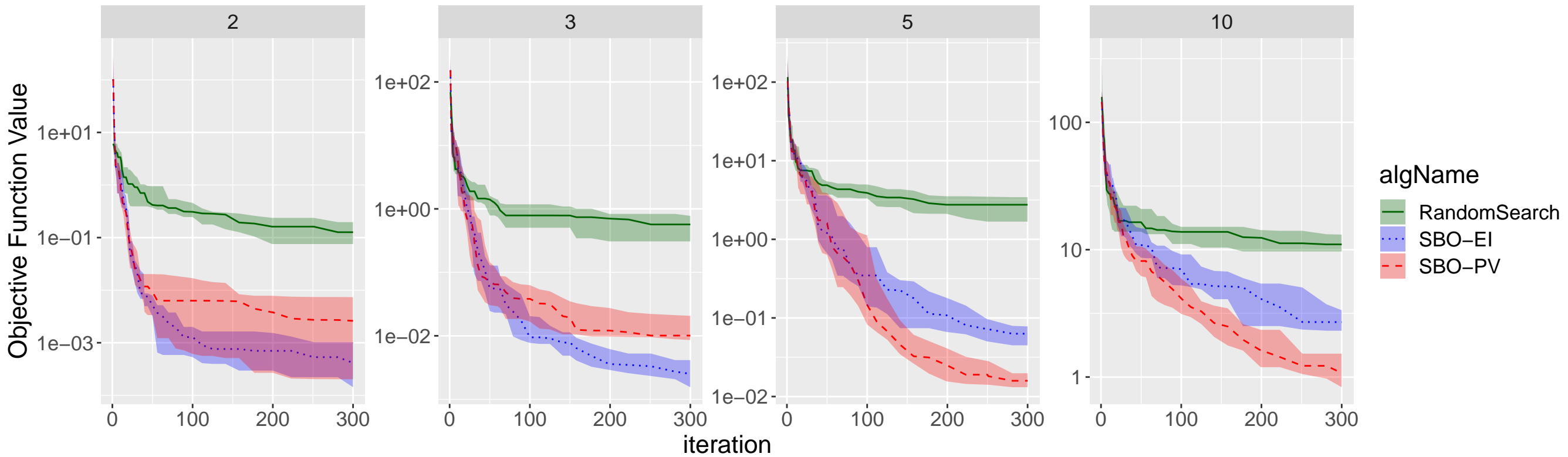
# Bent Cigar



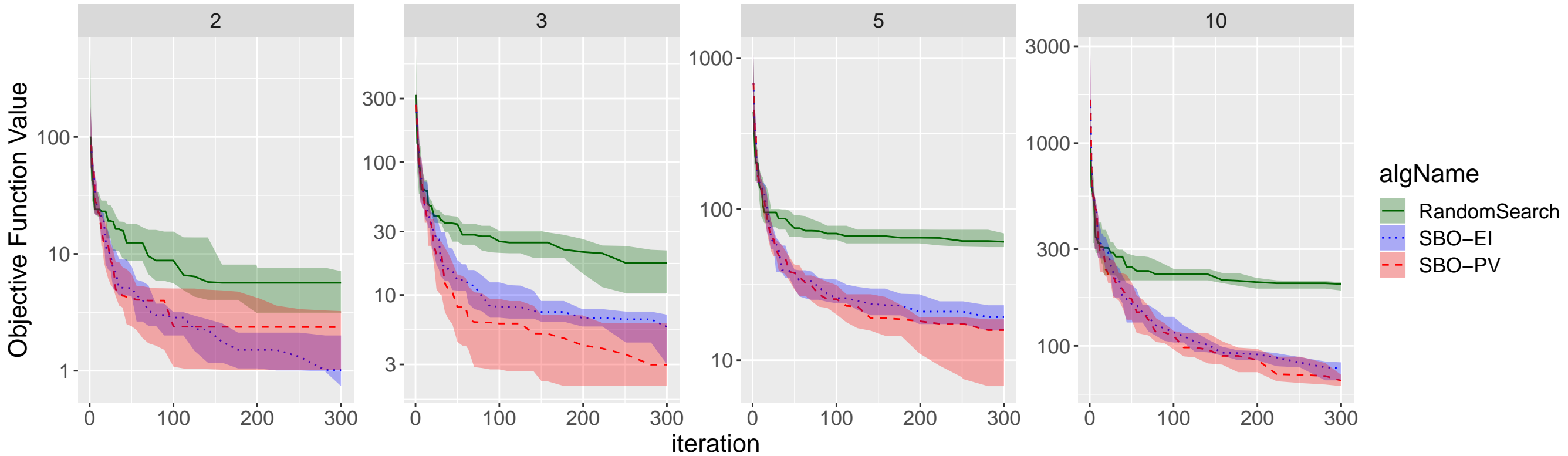
# Sharp Ridge



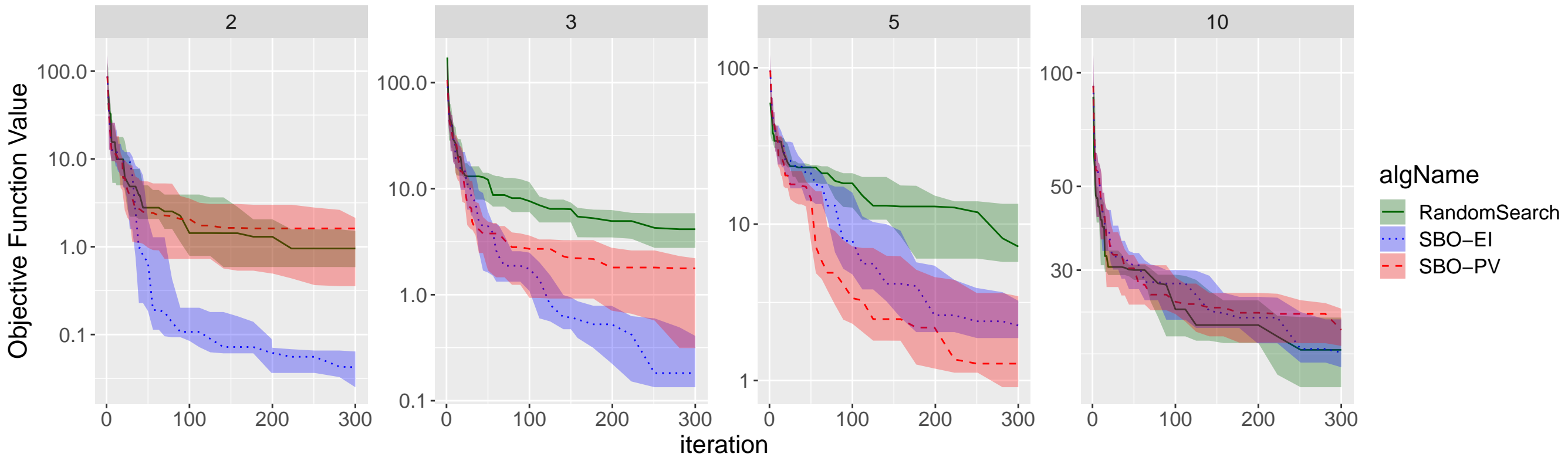
# Different Powers



# Rastrigin

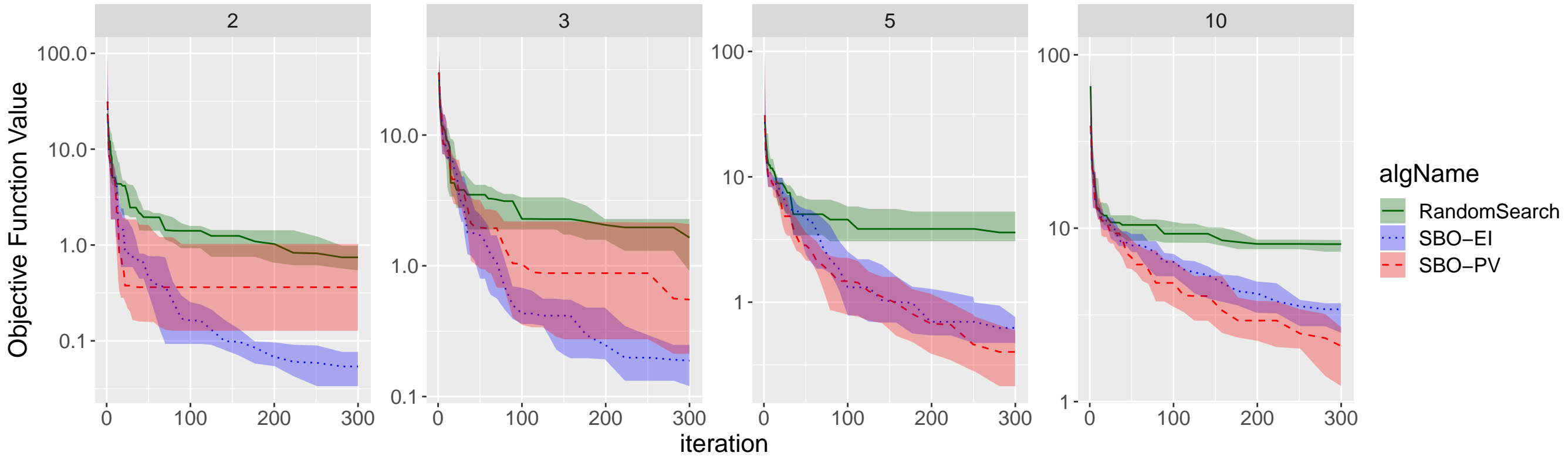


# Weierstrass



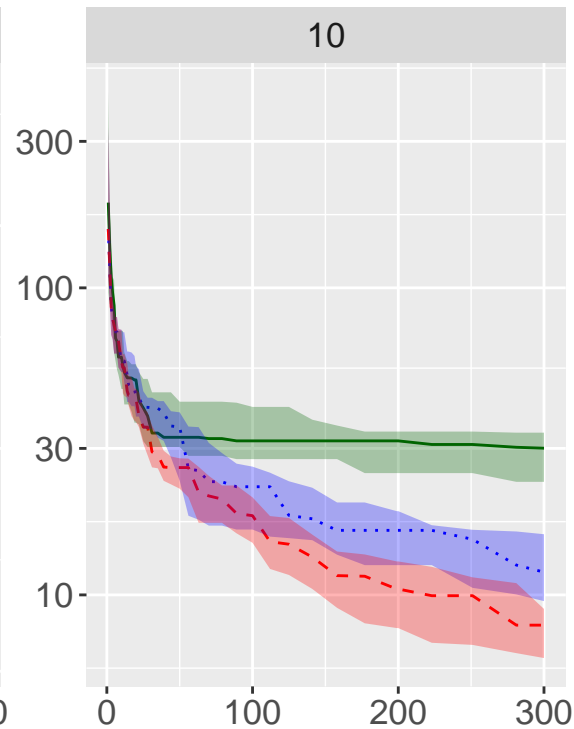
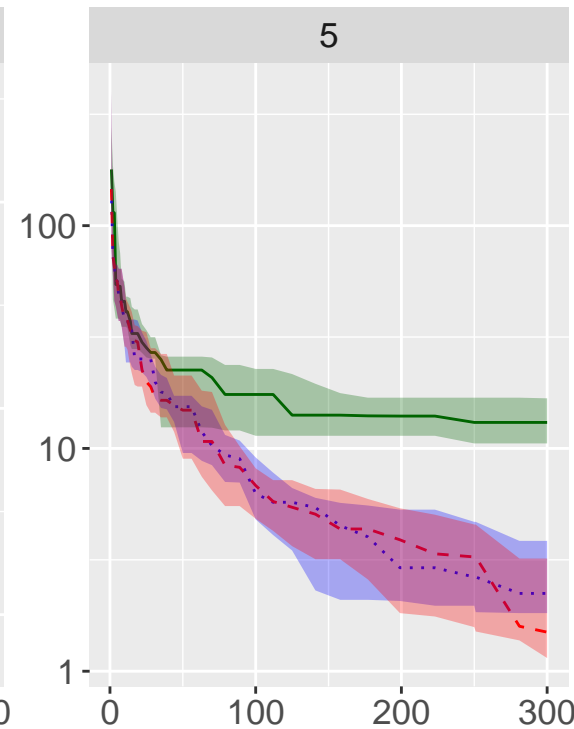
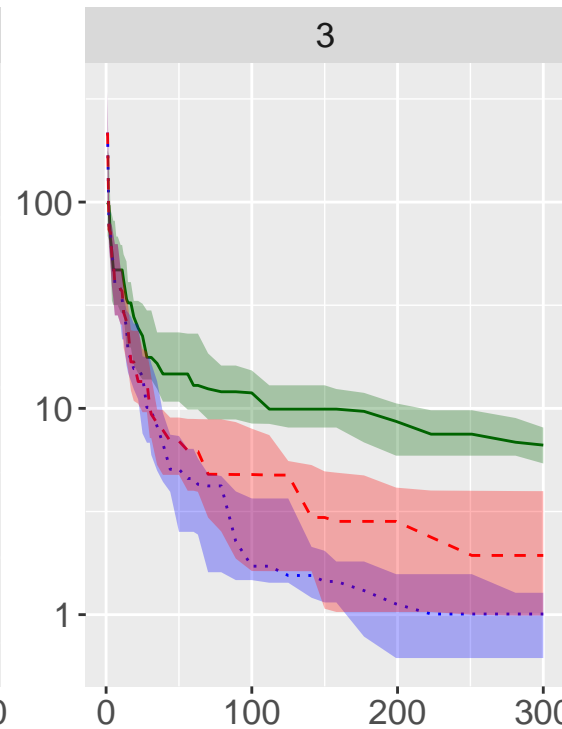
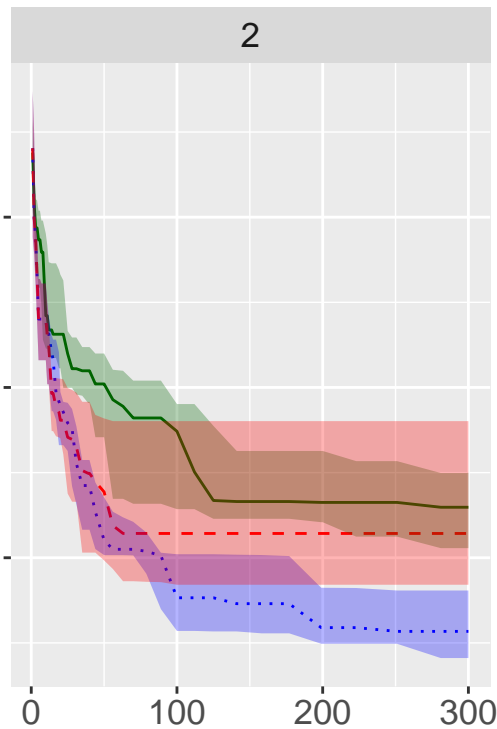


Schaffers F7



Schaffers F7

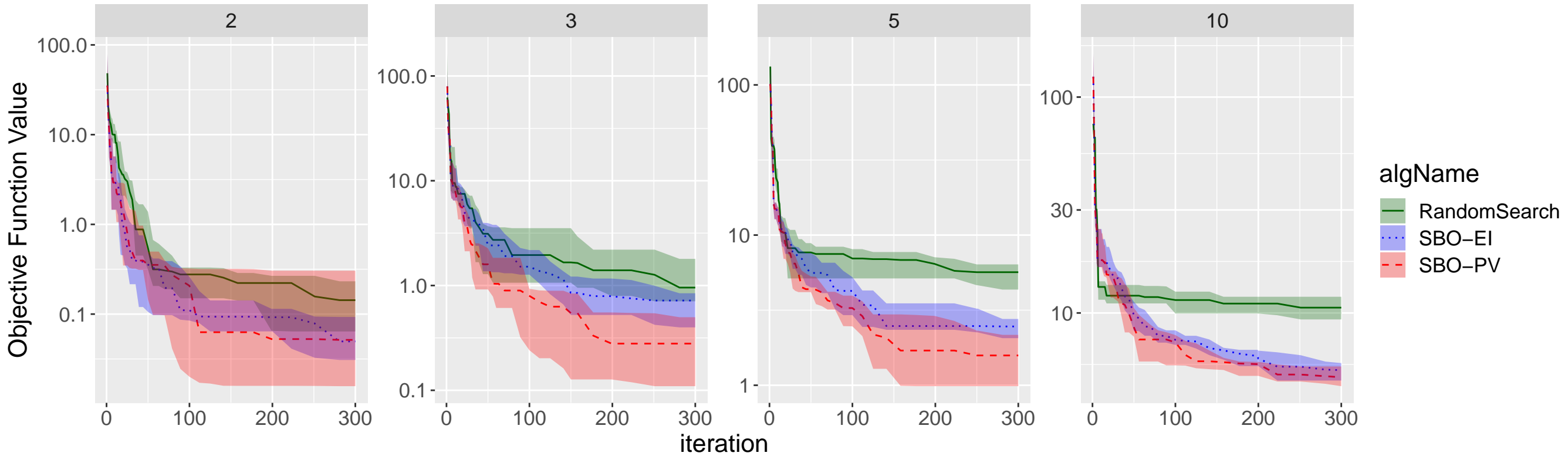
Objective Function Value



algName

- RandomSearch
- SBO-EI
- SBO-PV

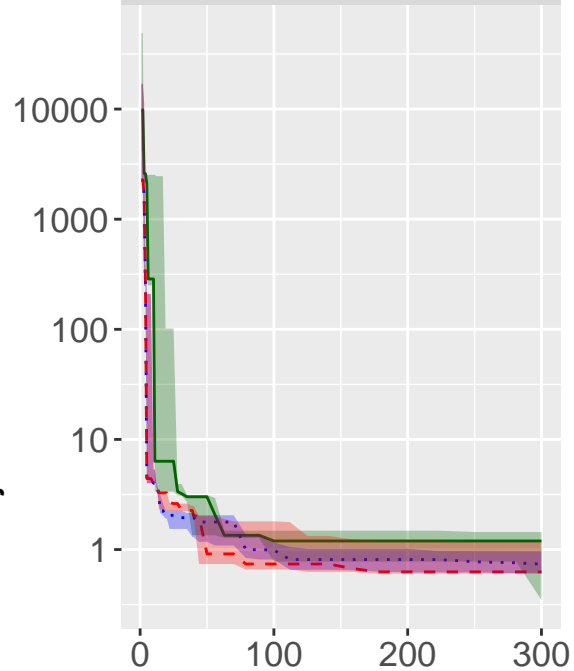
# Griwank–Rosenbrock



# Schwefel

Objective Function Value

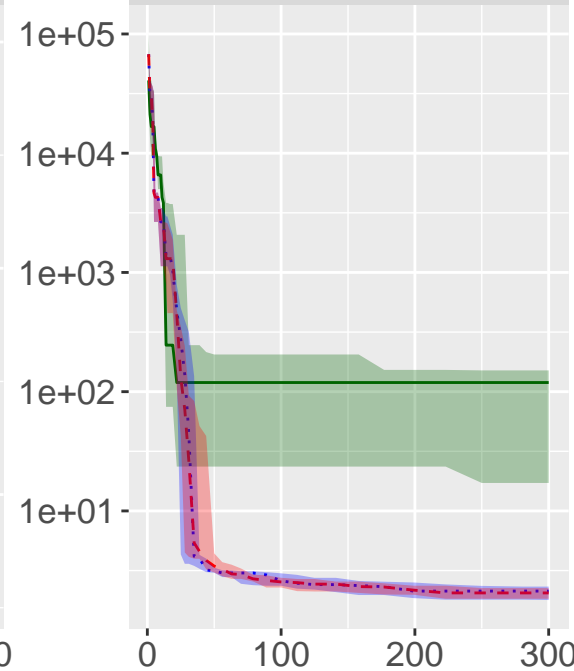
2



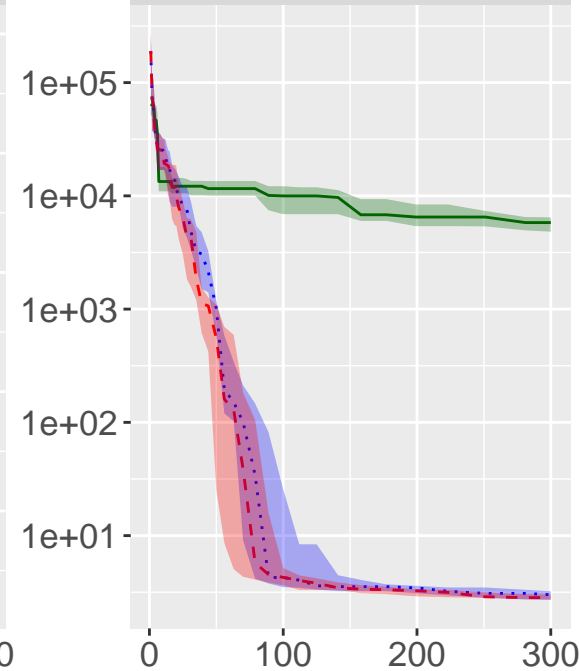
3



5



10

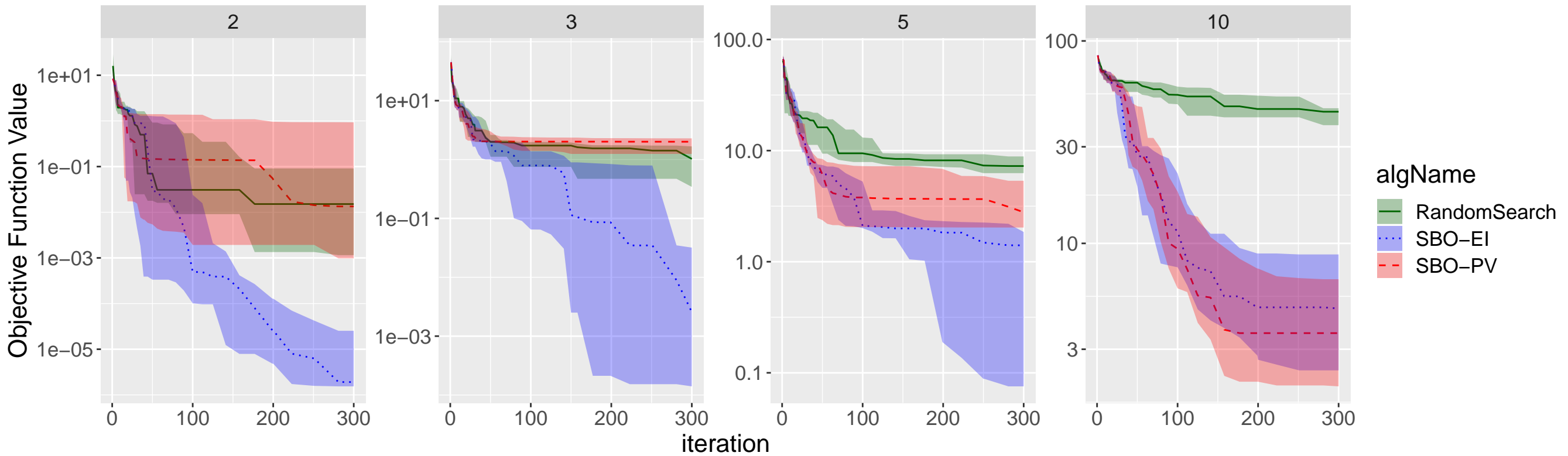


algName

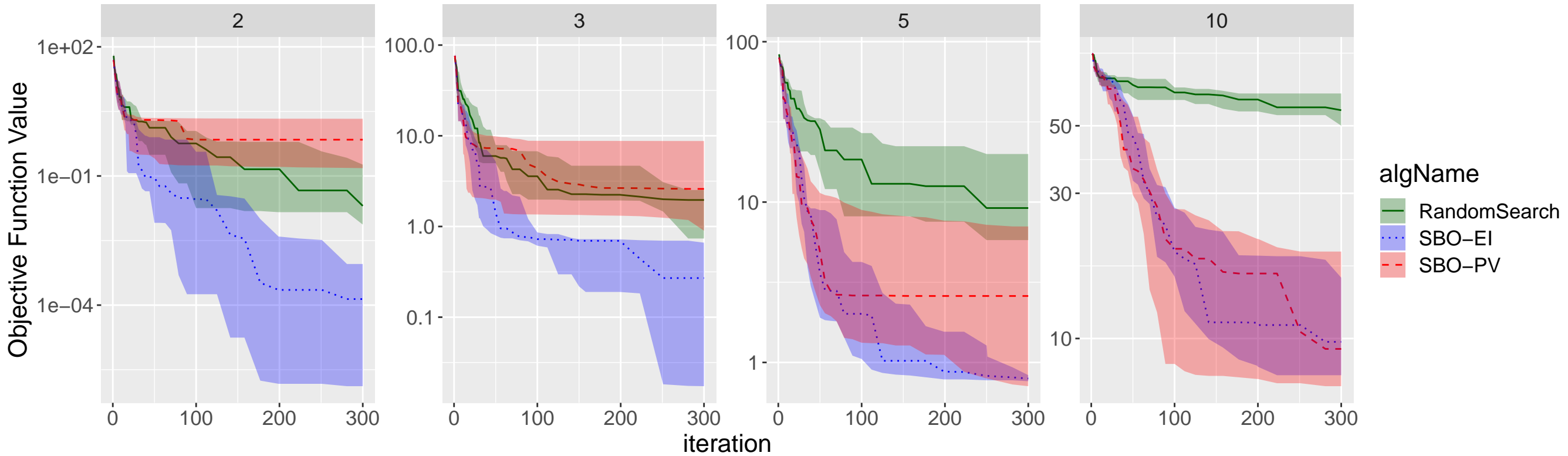
- RandomSearch
- SBO-EI
- SBO-PV

iteration

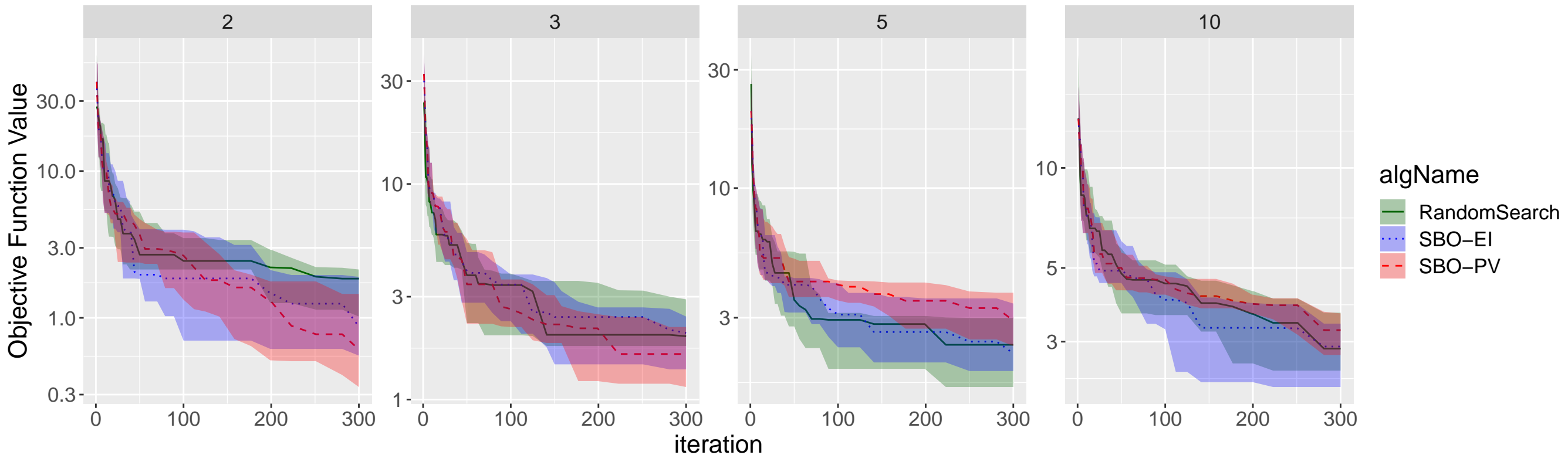
# Gallagher Gaussian 101-me Peaks



# Gallagher Gaussian 21-hi Peaks



Katsuura



# Lunacek bi-Rastrigin

