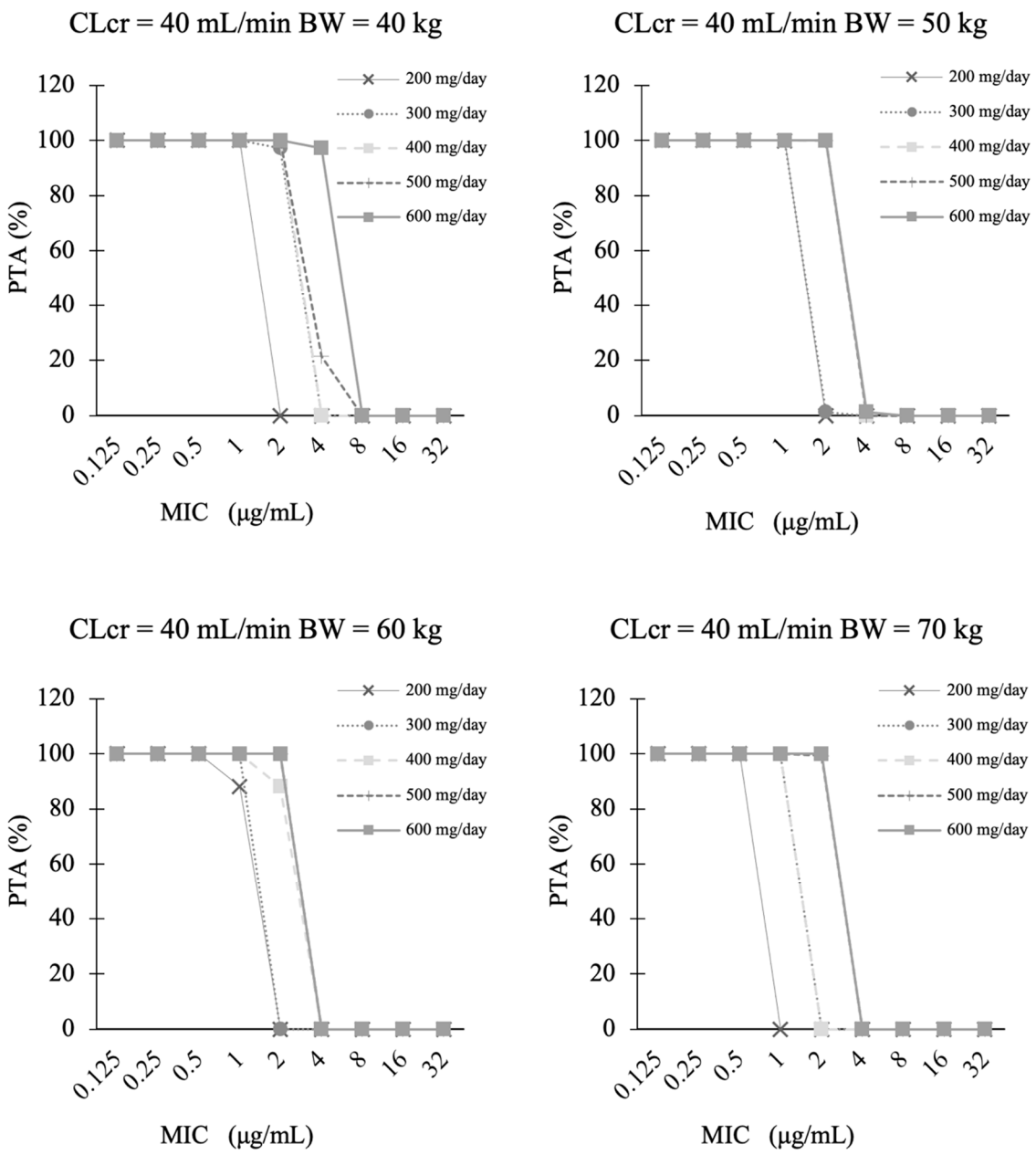
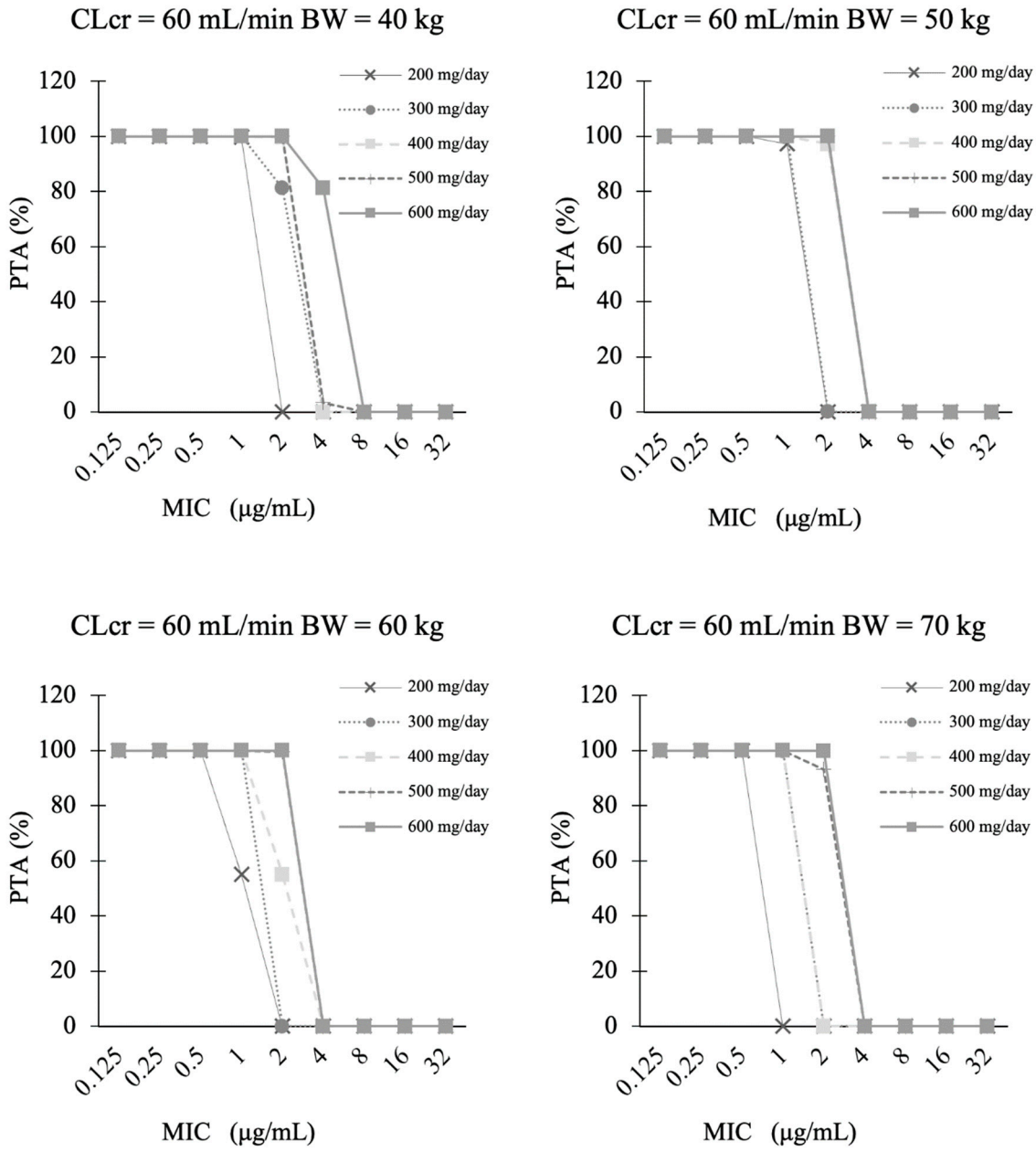
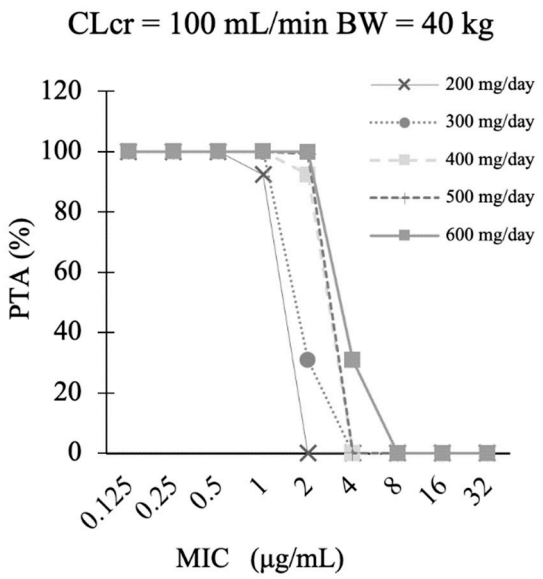
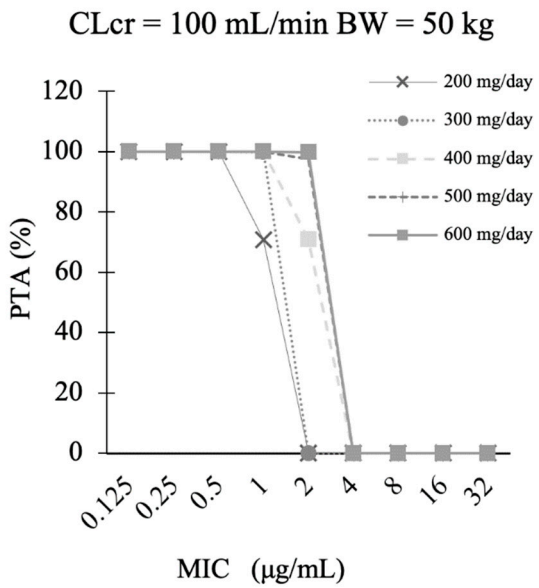

CLcr = 40 mL/min BW = 40 kg
CLcr = 40 mL/min BW = 50 kg
CLcr = 40 mL/min BW = 60 kg
CLcr = 40 mL/min BW = 70 kg
PTA (%)
MIC (μg/mL)
200 mg/day
300 mg/day
400 mg/day
500 mg/day
600 mg/day
0
20
40
60
80
100
120
0.125
0.25
0.5
1
2
4
8
16
32

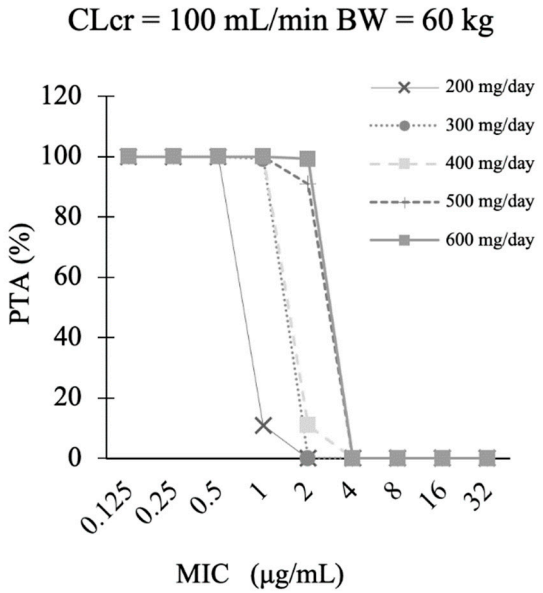
Continued.

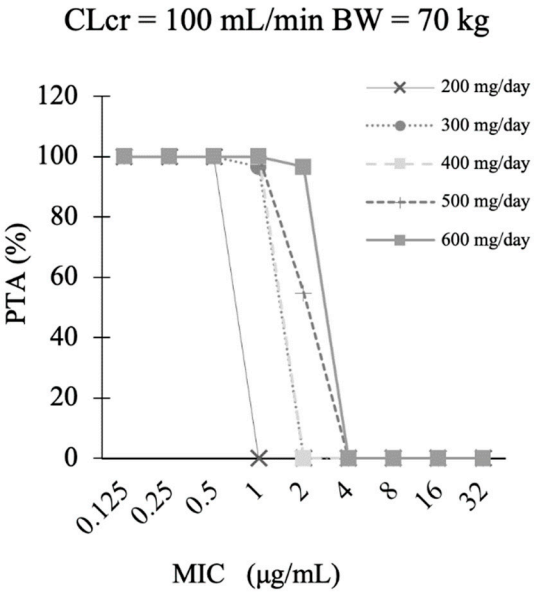

CLcr = 60 mL/min BW = 40 kg
CLcr = 60 mL/min BW = 50 kg
CLcr = 60 mL/min BW = 60 kg
CLcr = 60 mL/min BW = 70 kg
200 mg/day
300 mg/day
400 mg/day
500 mg/day
600 mg/day
PTA (%)
MIC (μg/mL)
0
20
40
60
80
100
120
0.125
0.25
0.5
1
2
4
8
16
32

Continued.

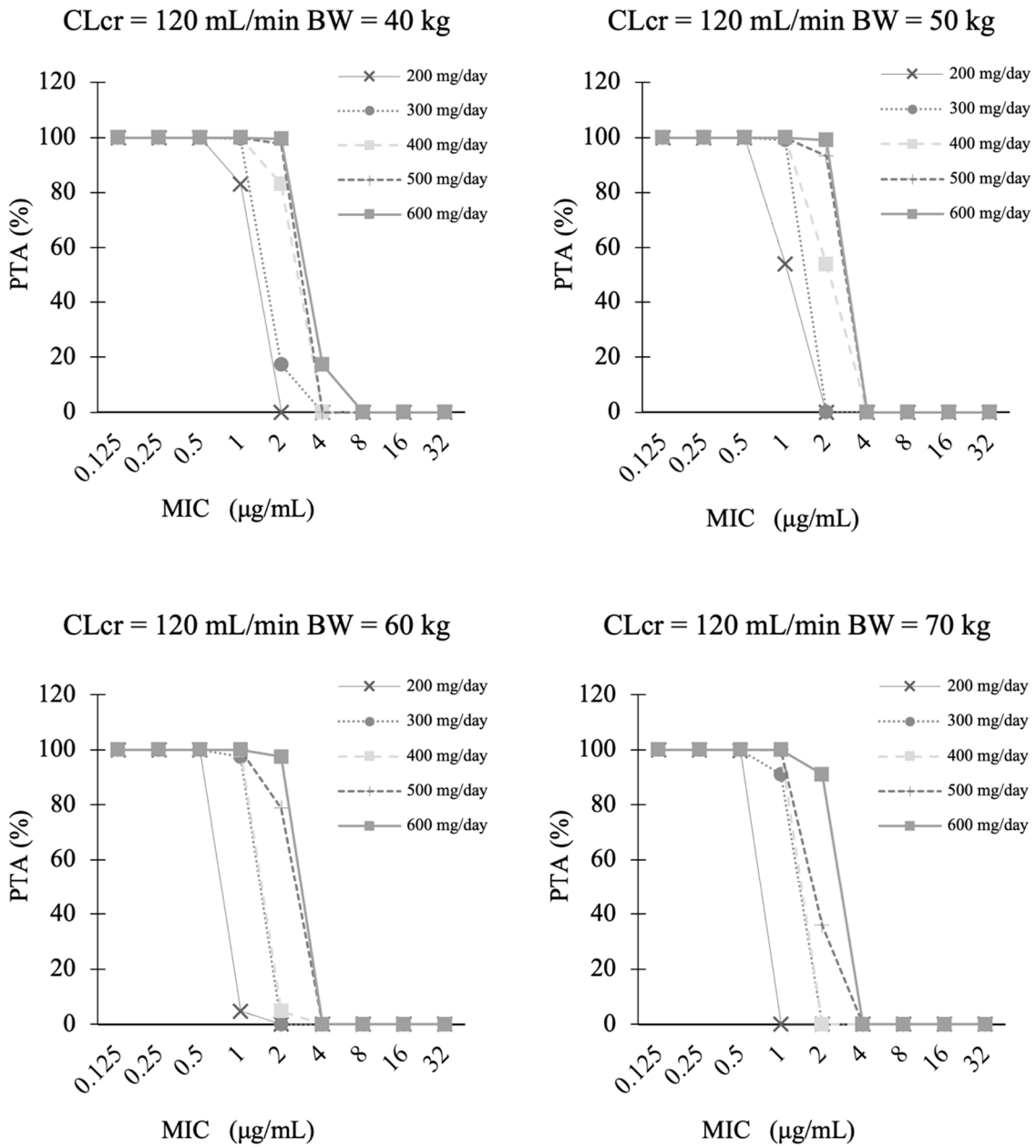

CLcr = 100 mL/min BW = 40 kg
PTA (%)
MIC (μg/mL)
200 mg/day
300 mg/day
400 mg/day
500 mg/day
600 mg/day


CLcr = 100 mL/min BW = 50 kg
PTA (%)
MIC (μg/mL)
200 mg/day
300 mg/day
400 mg/day
500 mg/day
600 mg/day


CLcr = 100 mL/min BW = 60 kg
PTA (%)
MIC (μg/mL)
200 mg/day
300 mg/day
400 mg/day
500 mg/day
600 mg/day


CLcr = 100 mL/min BW = 70 kg
PTA (%)
MIC (μg/mL)
200 mg/day
300 mg/day
400 mg/day
500 mg/day
600 mg/day

Continued.


CLcr = 120 mL/min BW = 40 kg
CLcr = 120 mL/min BW = 50 kg
CLcr = 120 mL/min BW = 60 kg
CLcr = 120 mL/min BW = 70 kg
200 mg/day
300 mg/day
400 mg/day
500 mg/day
600 mg/day
PTA (%)
0
20
40
60
80
100
120
0.125
0.25
0.5
1
2
4
8
16
32
MIC (μg/mL)

Continued.

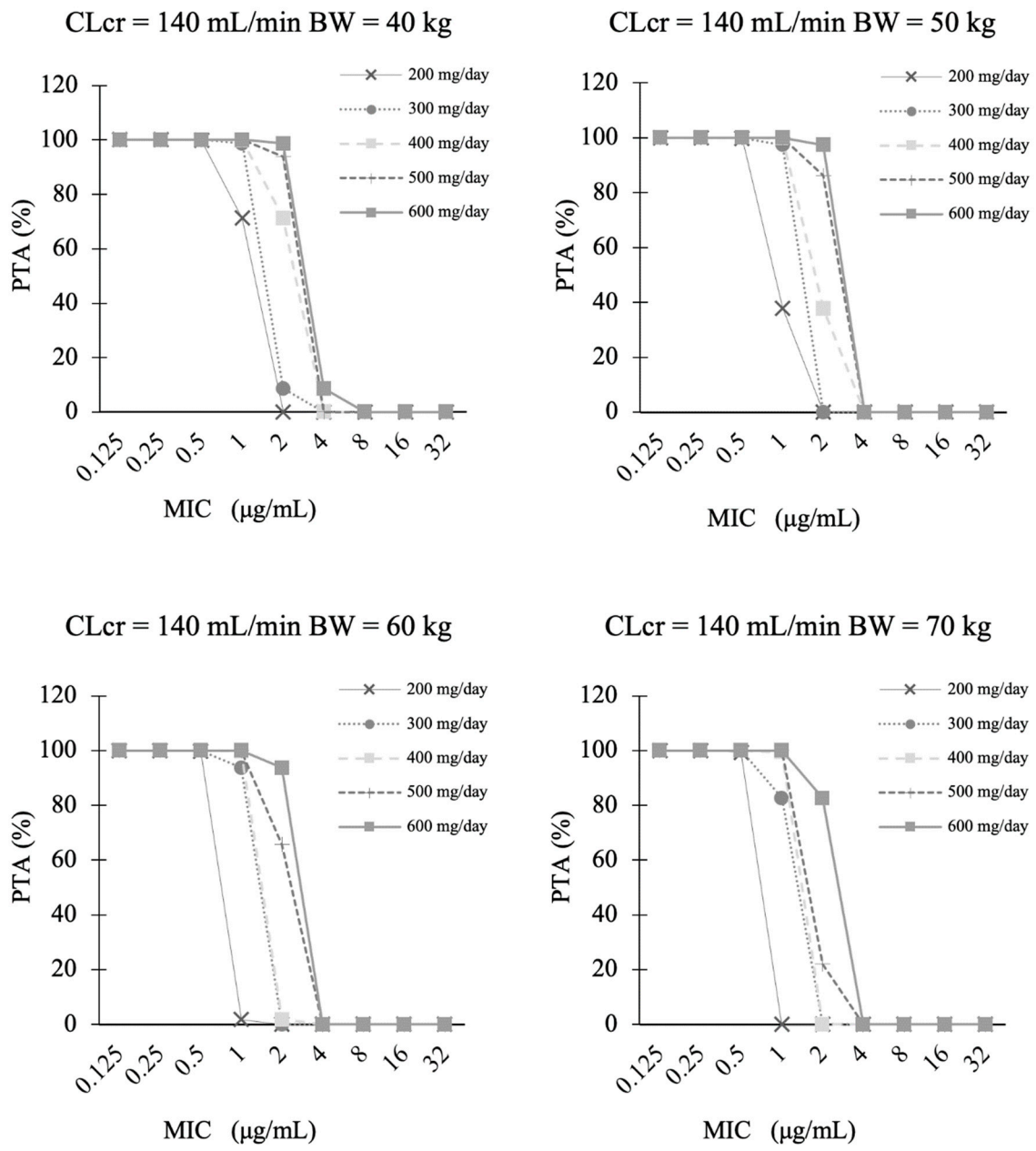
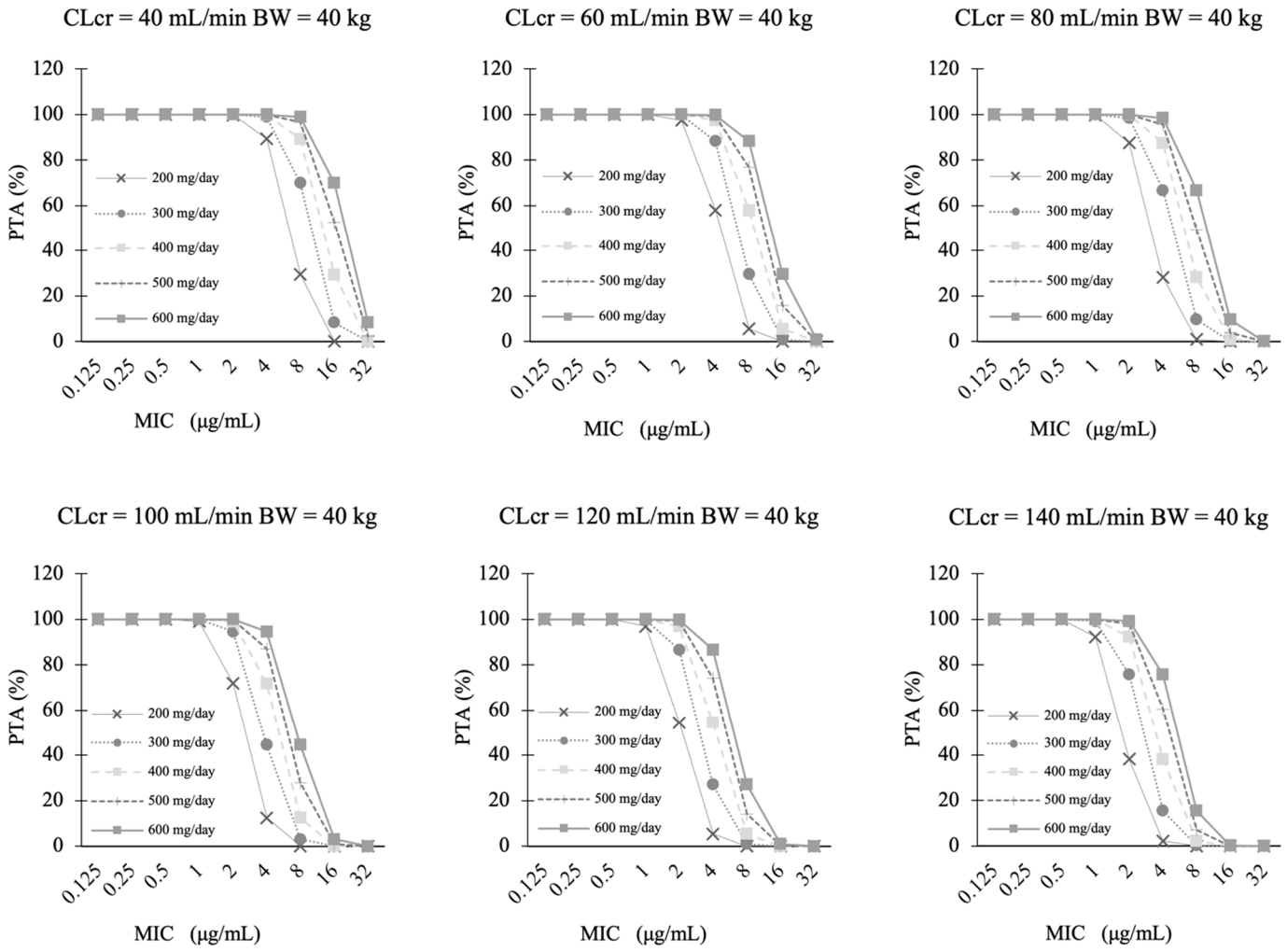
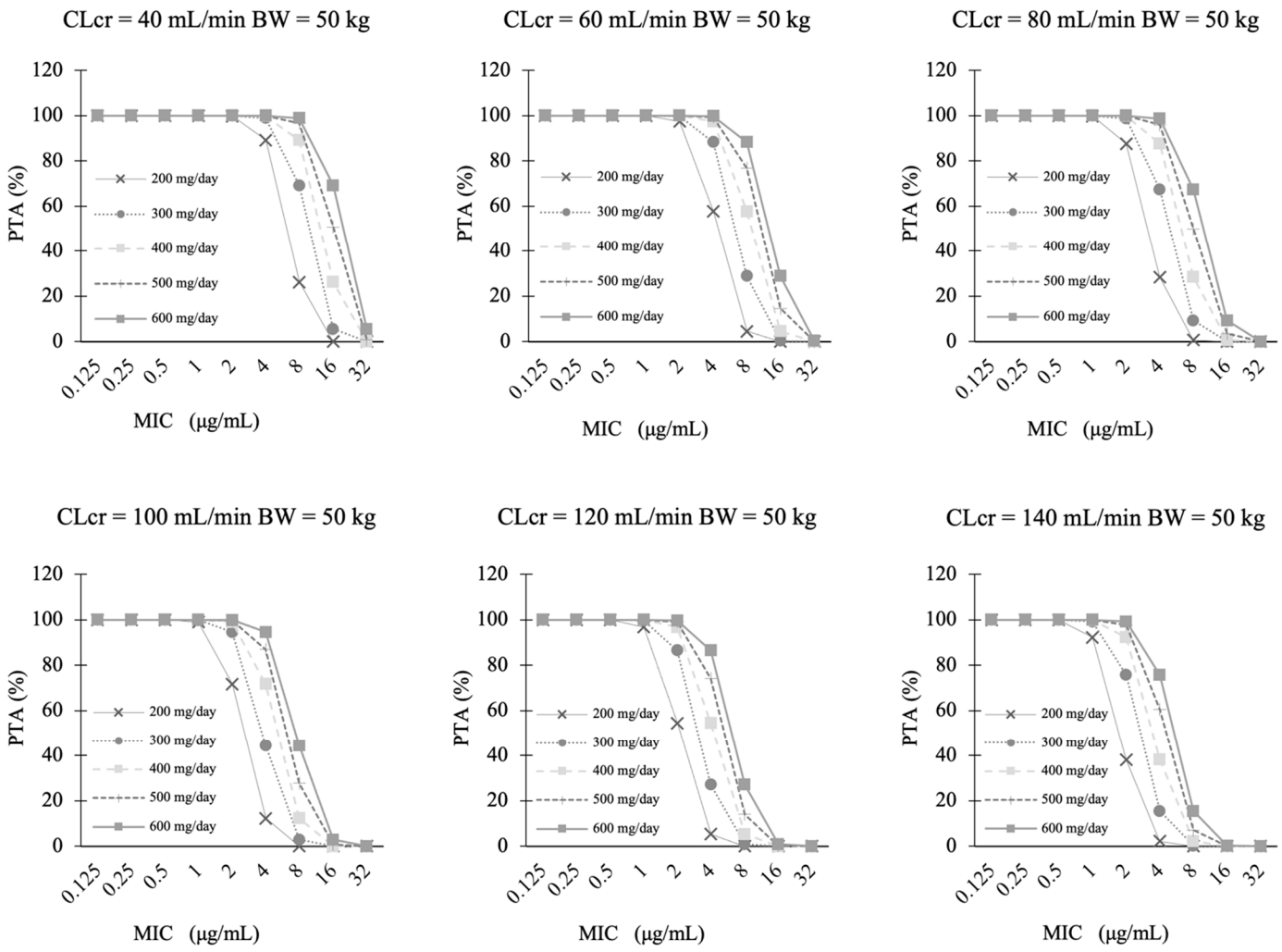


Figure S1. Probability of target attainment (PTA) of *f* AUC/ MIC ratio ≥ 50 after fluconazole loading doses of 200mg, 300mg, 400mg, 500mg, and 600 mg administered on Day1 (0–24hr). Target MIC is 2 μg/mL, and CLcr (Cockcroft-Gault equation) is 40, 60, 100, 120, and 140 mL/min. CLcr 80mL/min is shown in Fig 3.


CLcr = 40 mL/min BW = 40 kg
CLcr = 60 mL/min BW = 40 kg
CLcr = 80 mL/min BW = 40 kg
CLcr = 100 mL/min BW = 40 kg
CLcr = 120 mL/min BW = 40 kg
CLcr = 140 mL/min BW = 40 kg
PTA (%)
MIC (μg/mL)
200 mg/day
300 mg/day
400 mg/day
500 mg/day
600 mg/day
0
20
40
60
80
100
120
0.125
0.25
0.5
1
2
4
8
16
32

Continued.


CLcr = 40 mL/min BW = 50 kg
CLcr = 60 mL/min BW = 50 kg
CLcr = 80 mL/min BW = 50 kg
CLcr = 100 mL/min BW = 50 kg
CLcr = 120 mL/min BW = 50 kg
CLcr = 140 mL/min BW = 50 kg
PTA (%)
MIC (μg/mL)
0.125
0.25
0.5
1
2
4
8
16
32
200 mg/day
300 mg/day
400 mg/day
500 mg/day
600 mg/day

Continued.

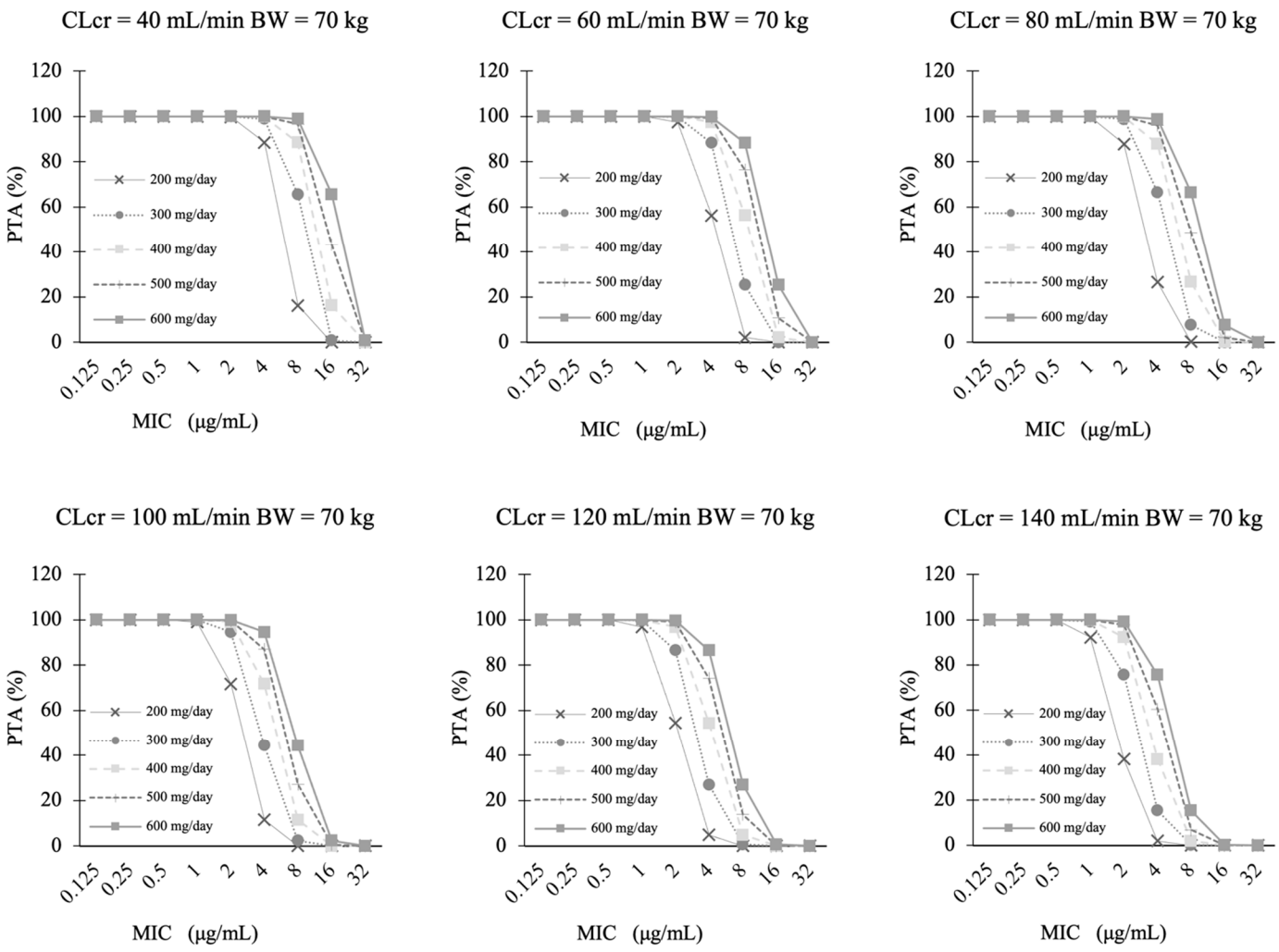


Figure S2. Probability of target attainment (PTA) of *f* AUC/ MIC ratio ≥ 50 after fluconazole maintenance doses of 200mg, 300mg, 400mg, 500mg, and 600 mg administered on Day15 (336–360hr). Target MIC is 2 μg/mL, and Body Weight is 40, 50, and 70 kg. Body Weight 60 kg is shown in Fig 4.