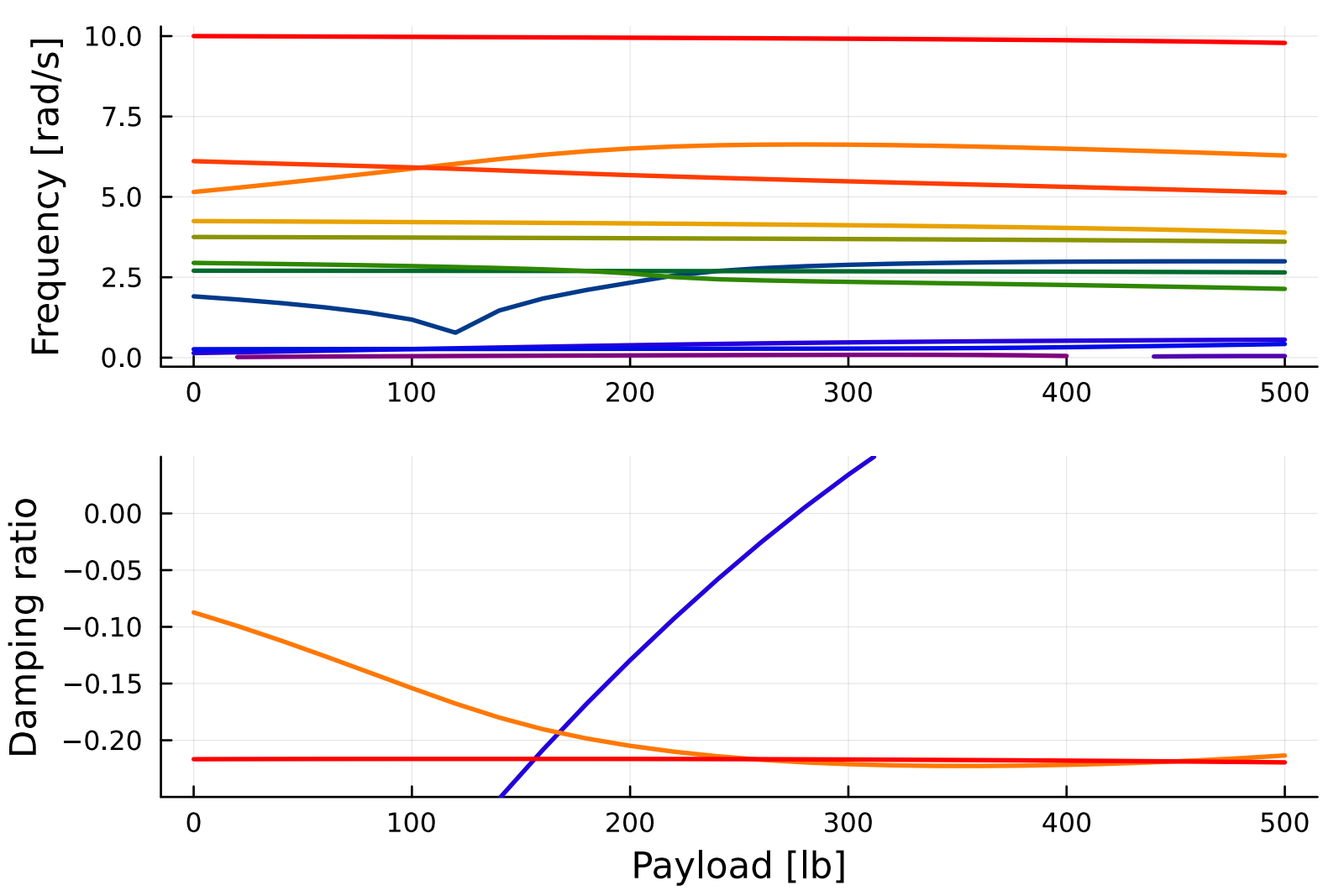

Frequency [rad/s]
10.0
7.5
5.0
2.5
0.0
0
100
200
300
400
500
Damping ratio
0.00
−0.05
−0.10
−0.15
−0.20
0
100
200
300
400
500
Payload [lb]