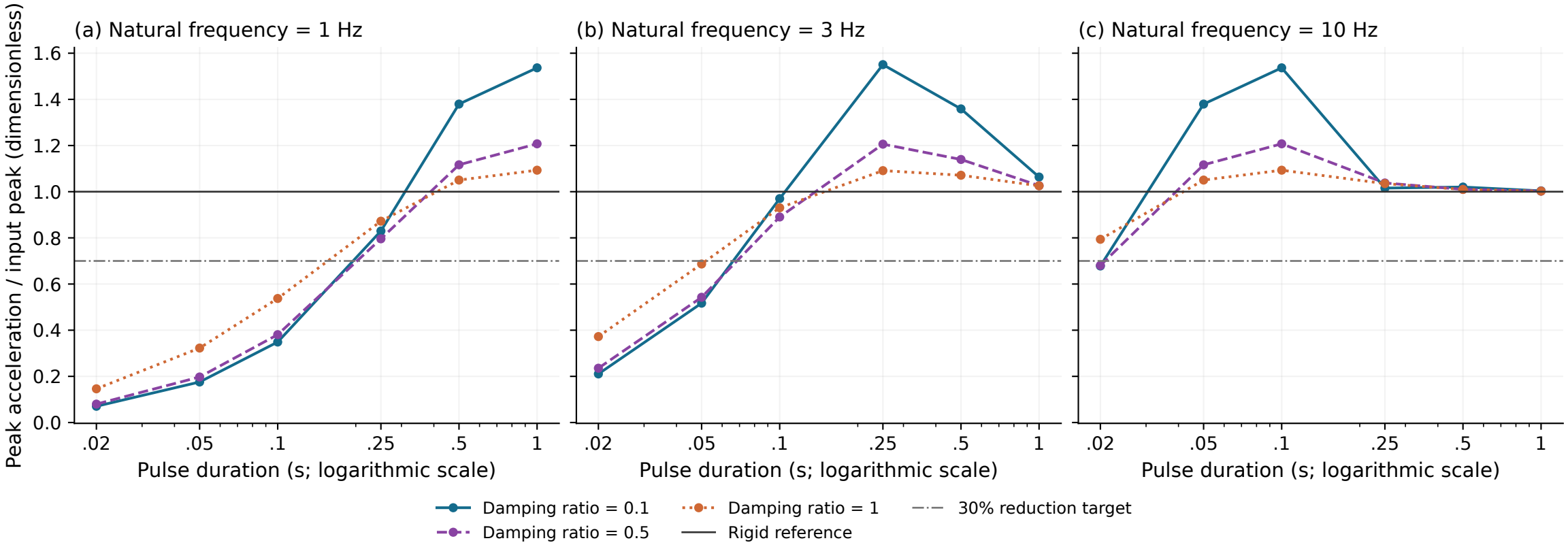

(a) Natural frequency = 1 Hz
(b) Natural frequency = 3 Hz
(c) Natural frequency = 10 Hz
Peak acceleration / input peak (dimensionless)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
.02
.05
.1
.25
.5
1
Pulse duration (s; logarithmic scale)
Damping ratio = 0.1
Damping ratio = 0.5
Damping ratio = 1
Rigid reference
30% reduction target