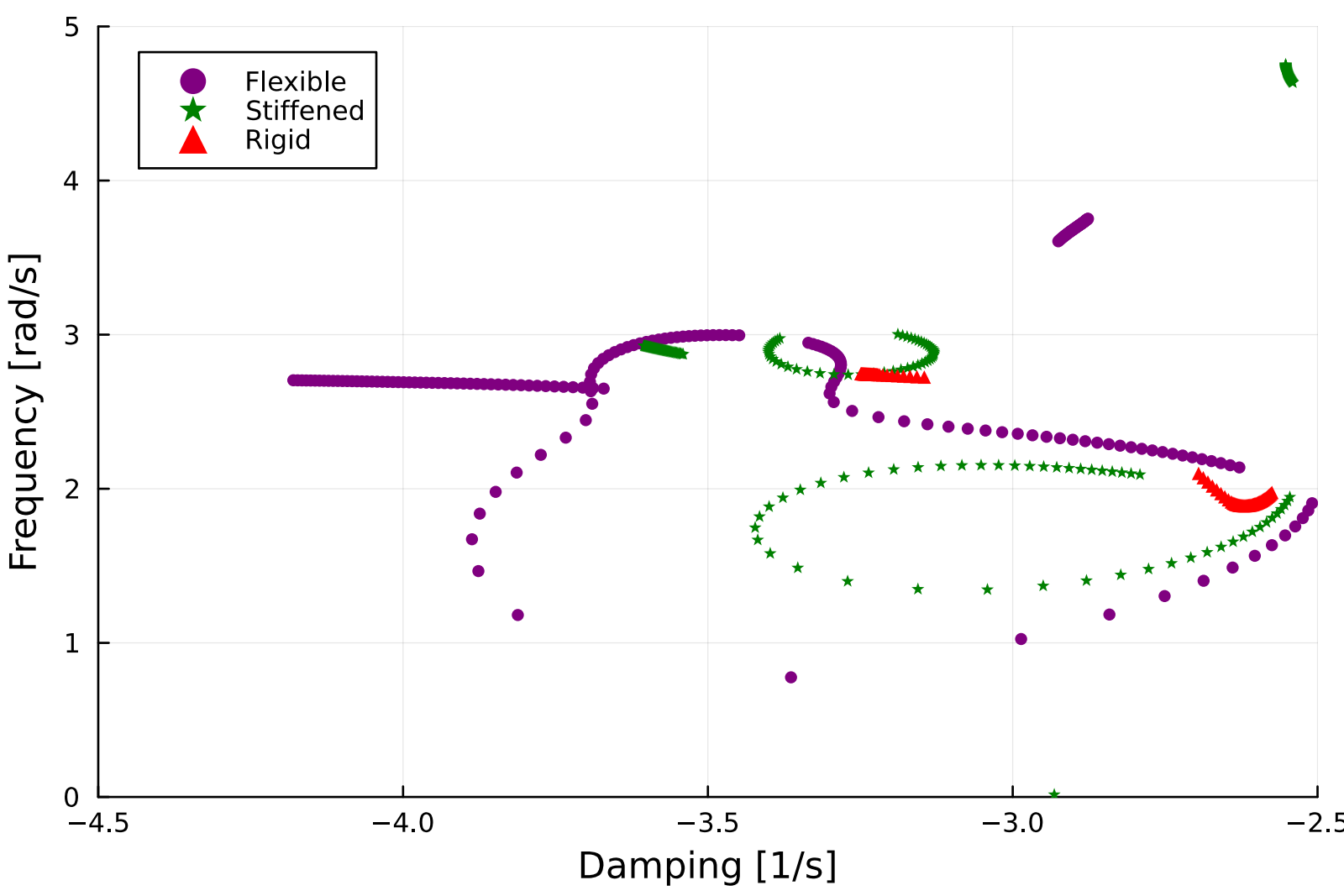

Flexible
Stiffened
Rigid
Frequency [rad/s]
Damping [1/s]
0
1
2
3
4
5
−4.5
−4.0
−3.5
−3.0
−2.5