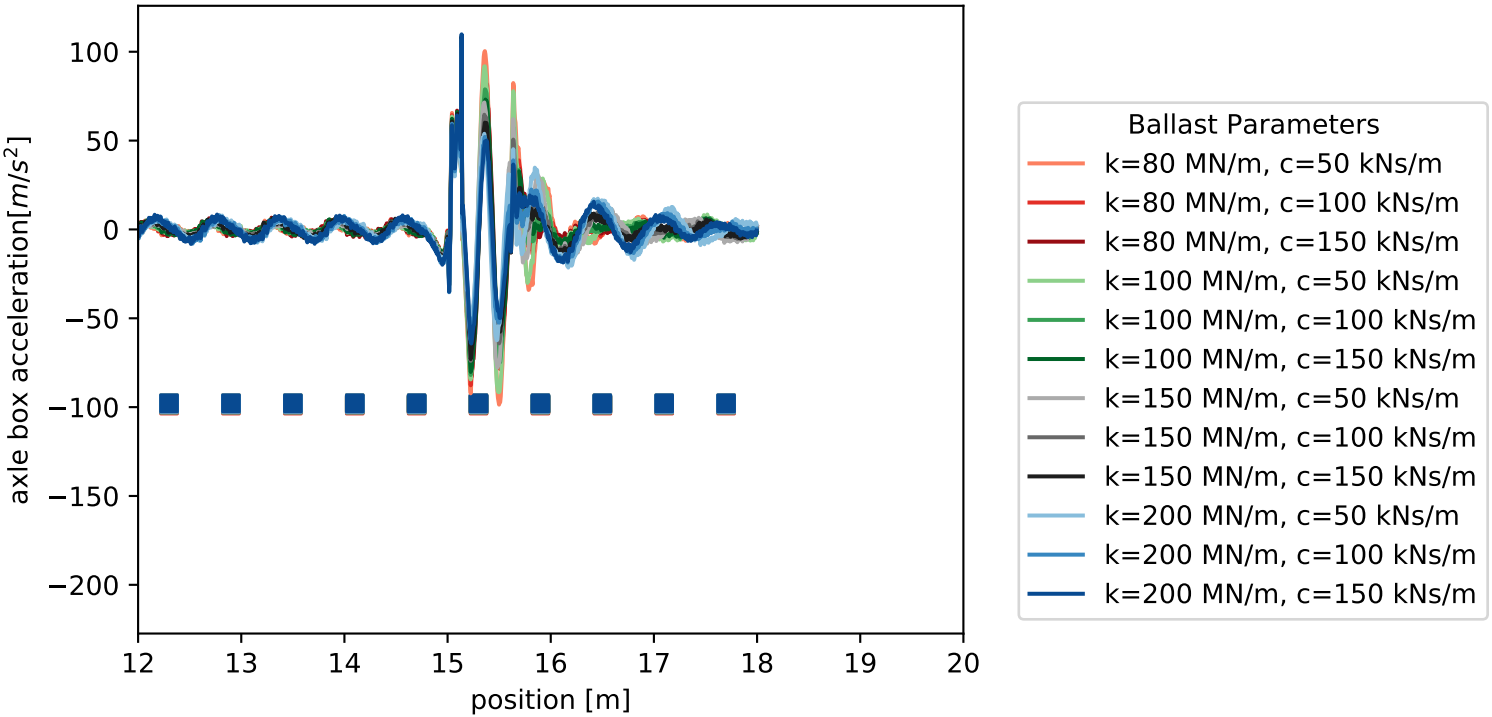
100
50
0
−50
−100
−150
−200
axle box acceleration[m/s^2]
12
13
14
15
16
17
18
19
20
position [m]
Ballast Parameters
k=80 MN/m, c=50 kNs/m
k=80 MN/m, c=100 kNs/m
k=80 MN/m, c=150 kNs/m
k=100 MN/m, c=50 kNs/m
k=100 MN/m, c=100 kNs/m
k=100 MN/m, c=150 kNs/m
k=150 MN/m, c=50 kNs/m
k=150 MN/m, c=100 kNs/m
k=150 MN/m, c=150 kNs/m
k=200 MN/m, c=50 kNs/m
k=200 MN/m, c=100 kNs/m
k=200 MN/m, c=150 kNs/m