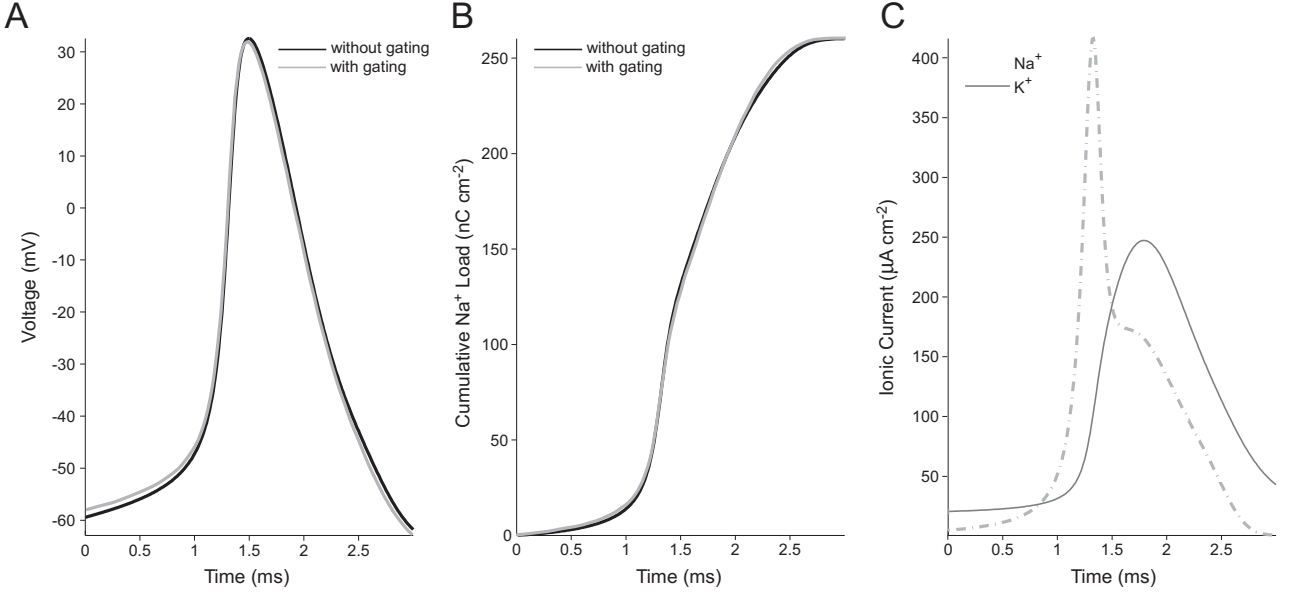
A
without gating
with gating
Voltage (mV)
30
20
10
0
-10
-20
-30
-40
-50
-60
0
0.5
1
1.5
2
2.5
Time (ms)
B
without gating
with gating
Cumulative Na+ Load (nC cm-2)
250
200
150
100
50
0
0
0.5
1
1.5
2
2.5
Time (ms)
C
Na+
K+
Ionic Current (µA cm-2)
400
350
300
250
200
150
100
50
0
0.5
1
1.5
2
2.5
Time (ms)