A
J_p variable - Keener & Sneyd
J_p variable - Hamada
J_p constant - Hamada
$X^{-0.7} \rightarrow X^{-1}$
11.25 mV
11.37 mV
11.33 mV
11.25 mV
E_K E_{Cl} V_m (mV)
-70
-76
-82
-88
-94
-100
$[Na]_i$ (mM)
19
17
15
13
$z_{average}$
-0.8
-0.9
-1
-1.1
0
12
24
36
48
60
Time (min)
B
J_p variable, no volume constraints - Keener & Sneyd
J_p variable, no volume constraints - Hamada
J_p variable, volume constrained - Hamada
J_p constant, volume constrained - Hamada
X influx
11.25mV
11.25 mV
11.25 mV
11.27 mV
11.25 mV
E_K E_{Cl} V_m (mV)
-70
-76
-82
-88
-94
-100
$[Na]_i$ (mM)
19
17
15
13
Volume (pL)
2.2
2.1
2.0
1.9
0
12
24
36
48
60
Time (min)