1 Additional Figures

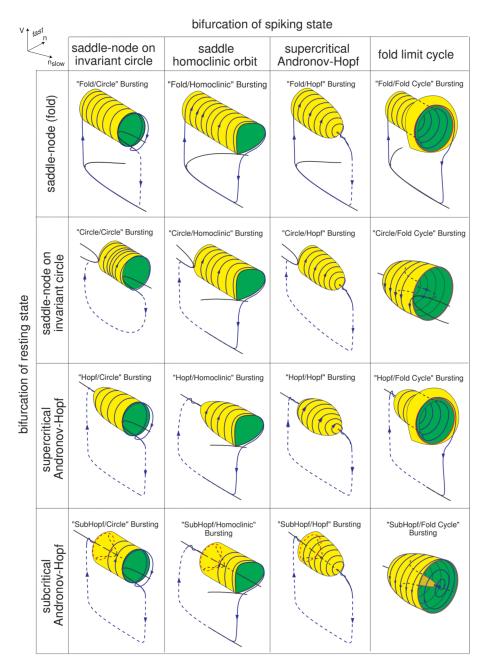


Figure 1: Codimension-1 bifurcations of resting and spiking states for "2+1" point-circle bursters. The figure shows possible bifurcations for the case, when the fast (slow) system is two- (one-) dimensional. The inset on the top-left indicates the axis of the plots. V - membrane potential, $n(n_{slow})$ - fast (slow) variable of dynamical system. Adapted from (Izhikevich 2006), with modifications.

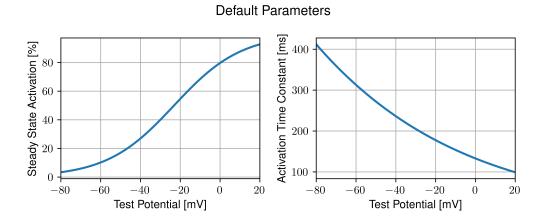


Figure 2: EAG Channel Activation Variable and Kinetics. TEXT!!!

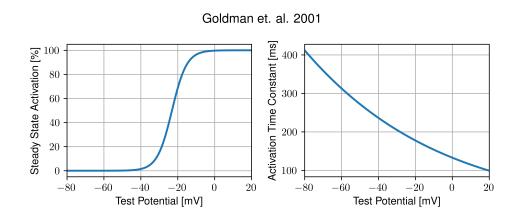


Figure 3: EAG Channel Activation Variable and Kinetics for Goldman Model. TEXT!!!

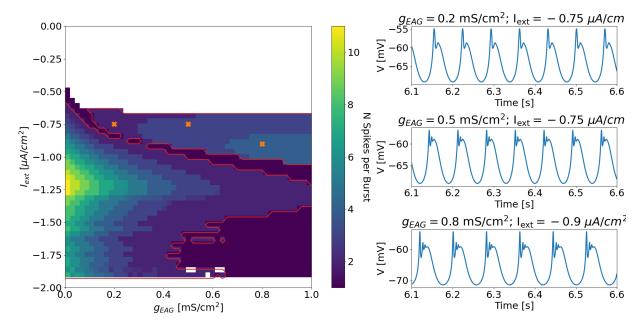


Figure 4: Illustration of Methodological Limitation for Burst Detection. Burst detection was implemented as described in the supplementary material of Franci, Drion, and Sepulchre 2018. Left: same as Figure ??. Right: Representative voltage traces obtained from simulations using the values of $I_{\rm ext}$ and $g_{\rm EAG}$ indicated by the orange 'x' markers on the heatmap.