**Matlab file descriptions**

pacedown.m: This file performs a pacedown on the single-cell LRd model. The state vector is recorded periodically, at a sampling interval dictated by subdiv\_per\_cyc, which must be a positive integer. The state vector samples are stored in the variable Y (poorly named, but a holdover from LRd naming conventions). At the end of the file, there is a call to a script that produces plots of each of the 17 variables vs. time. You will need to press a key (any key on the keyboard) to advance through each of these plots.

plot\_restitution.m: Load data generated by pacedown.m, compute APDs and DIs, and produce plots of APD vs. BCL and APD vs. DI.

Run pacedown.m first, followed by plot\_restitution.m.