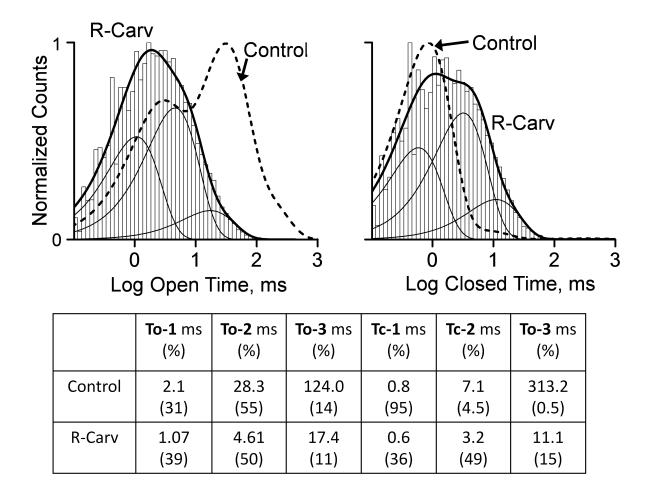
Supplementary Materials

Supplementary Figure 1



Supplementary Figure Legend

Figure 1S. Sample open (top left) and closed (top right) time histograms representing the gating of a control (dotted line) and *R*-carvedilol treated (solid lines) single RyR2 channels. Histograms were each generated from 4 minute single RyR2 recordings and were normalized to their peak value. For the *R*-carvedilol case, the thick line is the best-fit and the thin lines are its 3 individual components. The table (bottom) contains the best-fit open (To-1, To-2 & To-3) and closed (Tc-1, Tc-2 & Tc-3) time constants. The percent area of the histogram represented by each time constant is indicted in parentheses. In all cases, histograms were best fit by the sum of 3 exponential components.