

<b>Parameter</b>	<b>Description of parameter</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>units</b>
g <sub>KATP</sub>	Max conductance of K <sub>ATP</sub> channel current	2.31	0.57	pA mV <sup>-1</sup>
g <sub>KTO</sub>	Conductance of I <sub>KCa(BK)</sub> (voltage and Ca <sup>2+</sup> ) dependent transient outward K <sup>+</sup> current	2.13	0.213	pA mV <sup>-1</sup>
P <sub>SERCA</sub>	Maximum rate of pumping Ca <sup>2+</sup> into ER	0.096	0.0096	amole ms <sup>-1</sup>
P <sub>NaCa</sub>	Maximum amplitude of I <sub>NaCa</sub> , Na <sup>+</sup> /Ca <sup>2+</sup> exchanger	204	20	pA
P <sub>rel</sub>	Converting factor for Ca <sup>2+</sup> release from ER	0.46	0.046	fI ms <sup>-1</sup>
P <sub>op</sub>	Maximum rate of ATP production from oxphos	0.0005	0.00005	ms <sup>-1</sup>
[ATP <sub>tot</sub> ]	Total amount of ATP species	4	0.4	mM
k <sub>glc</sub>	Rate constant of glycolysis	0.000126	0.0000315	ms <sup>-1</sup>