Tzilivaki5\_2019 experiment

 $AP\_fall\_time.steady\_state\_current$  $AP\_fall\_rate.steady\_state\_current$  $AP\_duration\_half\_width\_change.steady\_state\_current$ 

> $AP\_duration\_change.steady\_state\_current$  $AP\_duration.steady\_state\_current$

 $AP\_begin\_width.steady\_state\_current$ 

 $voltage\_base.steady\_state\_current$ 

 $voltage\_after\_stim.steady\_state\_current$ 

 $time\_to\_last\_spike.steady\_state\_current$ 

 $time\_to\_first\_spike.steady\_state\_current$ 

 $steady\_state\_current.global$ 

 $spike\_width 2. steady\_state\_current$ 

 ${\sf spike\_half\_width.steady\_state\_current}$ 

 $number\_initial\_spikes.steady\_state\_current$ 

 $mean\_frequency.steady\_state\_current$ 

 $maximum\_voltage.steady\_state\_current$ 

 ${\tt max\_amp\_difference.steady\_state\_current}$ 

 $inv\_time\_to\_first\_spike.steady\_state\_current$ 

 $irregularity\_index.steady\_state\_current$ 

 $inv\_third\_ISI.steady\_state\_current$ 

 $inv\_second\_ISI.steady\_state\_current$ 

 $inv\_last\_ISI.steady\_state\_current$ 

 $inv\_fourth\_ISI.steady\_state\_current$ 

 $inv\_first\_ISI.steady\_state\_current$ 

 $inv\_fifth\_ISI.steady\_state\_current$ 

 $fast\_AHP.steady\_state\_current$ 

 ${\tt doublet\_ISI.steady\_state\_current}$ 

 $fast\_AHP\_change.steady\_state\_current$ 

 ${\tt decay\_time\_constant\_after\_stim.steady\_state\_current}$ 

 $amp\_drop\_second\_last.steady\_state\_current$ 

 $amp\_drop\_first\_second.steady\_state\_current$ 

 $amp\_drop\_first\_last.steady\_state\_current$ 

 $adaptation\_index 2. steady\_state\_current$ 

 $adaptation\_index.steady\_state\_current$ 

 ${\bf Spike count\_stimint.steady\_state\_current}$ 

 ${\sf ISI\_semilog\_slope.steady\_state\_current}$ 

 ${\sf ISI\_log\_slope\_skip.steady\_state\_current}$ 

ISI\_log\_slope.steady\_state\_current

APlast\_amp.steady\_state\_current

AP\_rise\_time.steady\_state\_current

 $AP\_rise\_rate.steady\_state\_current$ 

 $AP\_height.steady\_state\_current$ 

 $AP\_rise\_rate\_change.steady\_state\_current$ 

 $AP\_duration\_half\_width.steady\_state\_current$ 

 $AP\_width.steady\_state\_current$ 

ISI\_CV.steady\_state\_current ·

 ${\bf Spike count.steady\_state\_current}$ 

 ${\sf ISI\_values.steady\_state\_current}$ 

 $min\_voltage\_between\_spikes.steady\_state\_current$ 

 $maximum\_voltage\_from\_voltagebase.steady\_state\_current$ 

peak\_voltage.steady\_state\_current

 $steady\_state\_voltage.steady\_state\_current$ 

 $time\_to\_second\_spike.steady\_state\_current$ 

 $AP\_begin\_voltage.steady\_state\_current$  $AP\_amplitude\_from\_voltage base.steady\_state\_current$ 

> $AP\_amplitude\_change.steady\_state\_current$  $AP\_amplitude.steady\_state\_current$

 $AP2\_width.steady\_state\_current$  $AP2\_peak.steady\_state\_current$ 

 $AP2\_begin\_width.steady\_state\_current$  $AP2\_begin\_voltage.steady\_state\_current$ 

 $AP2\_amp.steady\_state\_current$ AP2\_AP1\_peak\_diff.steady\_state\_current

AP1\_peak.steady\_state\_current  $AHP\_time\_from\_peak.steady\_state\_current$ 

 $AHP\_depth\_from\_peak.steady\_state\_current$  $AHP\_depth\_diff.steady\_state\_current$ 

 $AHP\_depth\_abs.steady\_state\_current$ 

 $AHP\_depth.steady\_state\_current$ 

 $AHP2\_depth\_from\_peak.steady\_state\_current$ AHP1\_depth\_from\_peak.steady\_state\_current

0

400

200

600 800

1000