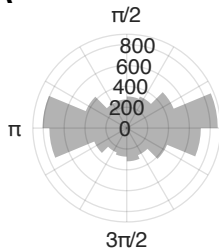
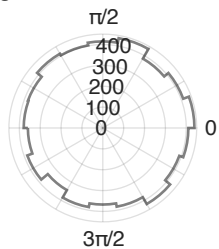
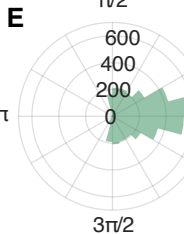
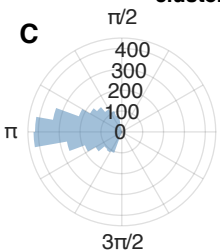


A observed directions

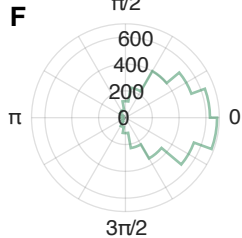
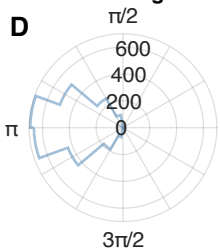
generate directions
from circular
normal fit

**B** generated directions

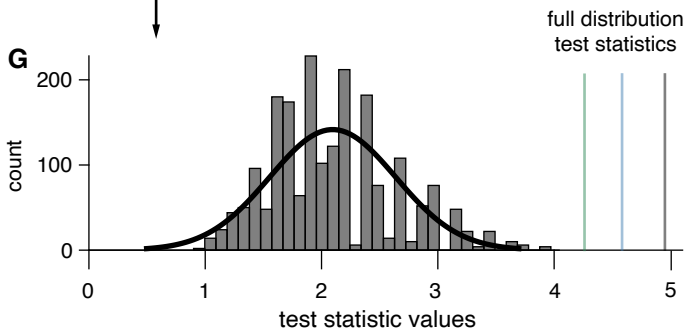
cluster into
mixture of von Mises
distributions

C clustered directions

generate directions
from the circular
normal fit from
each cluster

D generated directions

calculate Kuiper test statistic
between observed and generated
distributions 60 directions at a time, 1000 times

G**H**

Define bimodality index as the
minimum difference between the
Kuiper test statistic for the overall
distribution and the von Mises
Mixture distributions.

calculate Kuiper test statistic
between observed and generated
distributions 60 directions at a time, 1000 times