

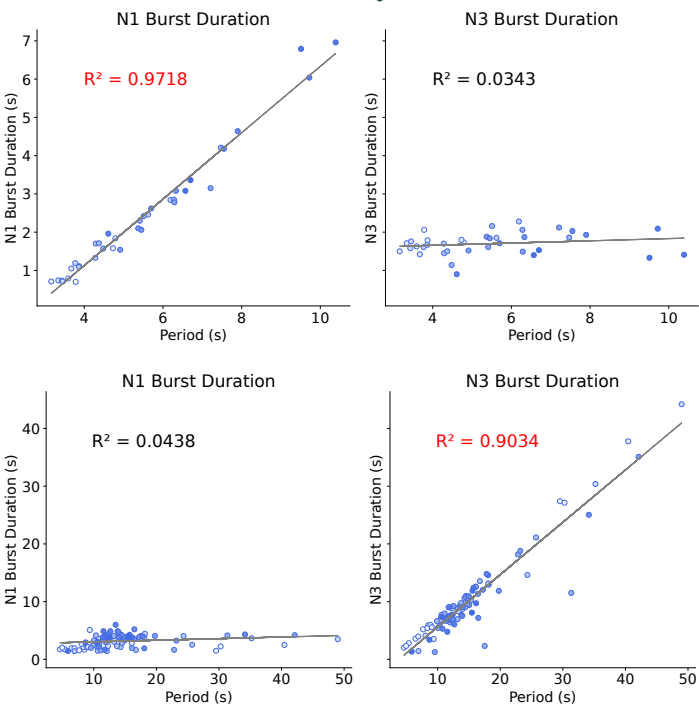
# Study of the Sequential nature in neuronal dynamics

## Case of study

Feeding CPG  
*Lymnaea stagnalis*

## Experimental approach

1.



Presence of  
dynamical invariants  
under different cases  
of stimulation

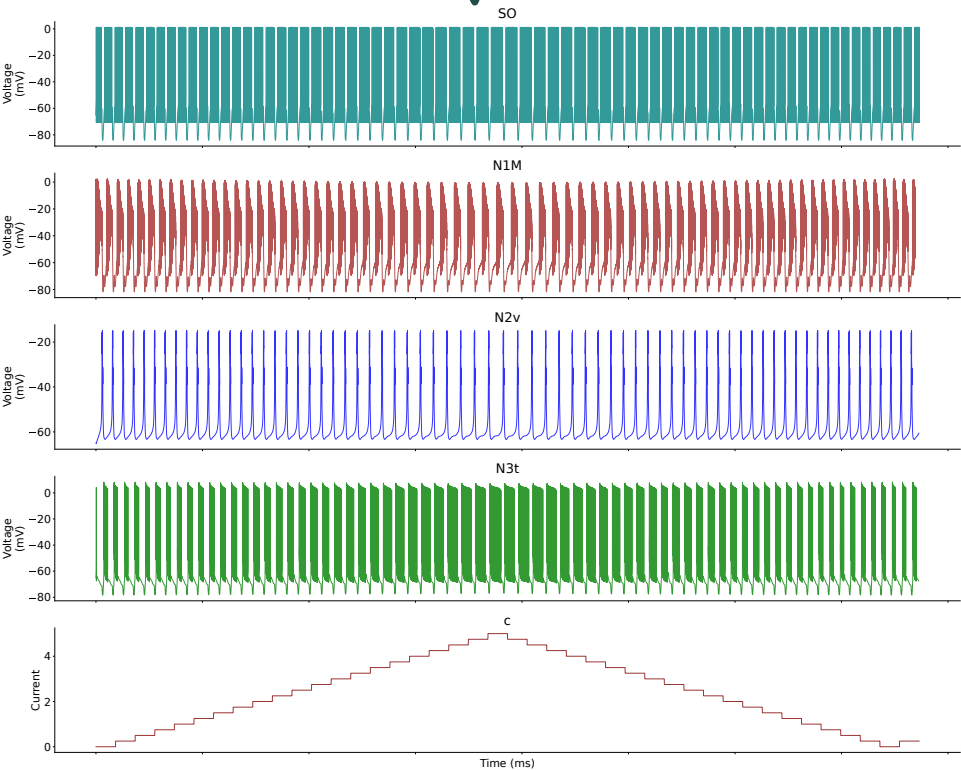
Universality of  
sequential dynamical  
invariants

The variability  
distribution is  
dependent on the  
CPG activity context

3.  
Transformation of sequential intervals into effective robot movement

## Computational approach

2.



4.  
Importance of reproducing the functional  
variability in computational models

