

Coursework 2. Nikolay Alexandrov

Question 1

Poisson train with zero refractory period

The **Fano factor** is $F = 0.7009$

The **Coefficient of Variation** is $CV = 0.8221$

Poisson train with 5ms refractory period

The **Fano factor** is $F = 0.9924$

The **Coefficient of Variation** is $CV = 0.9915$

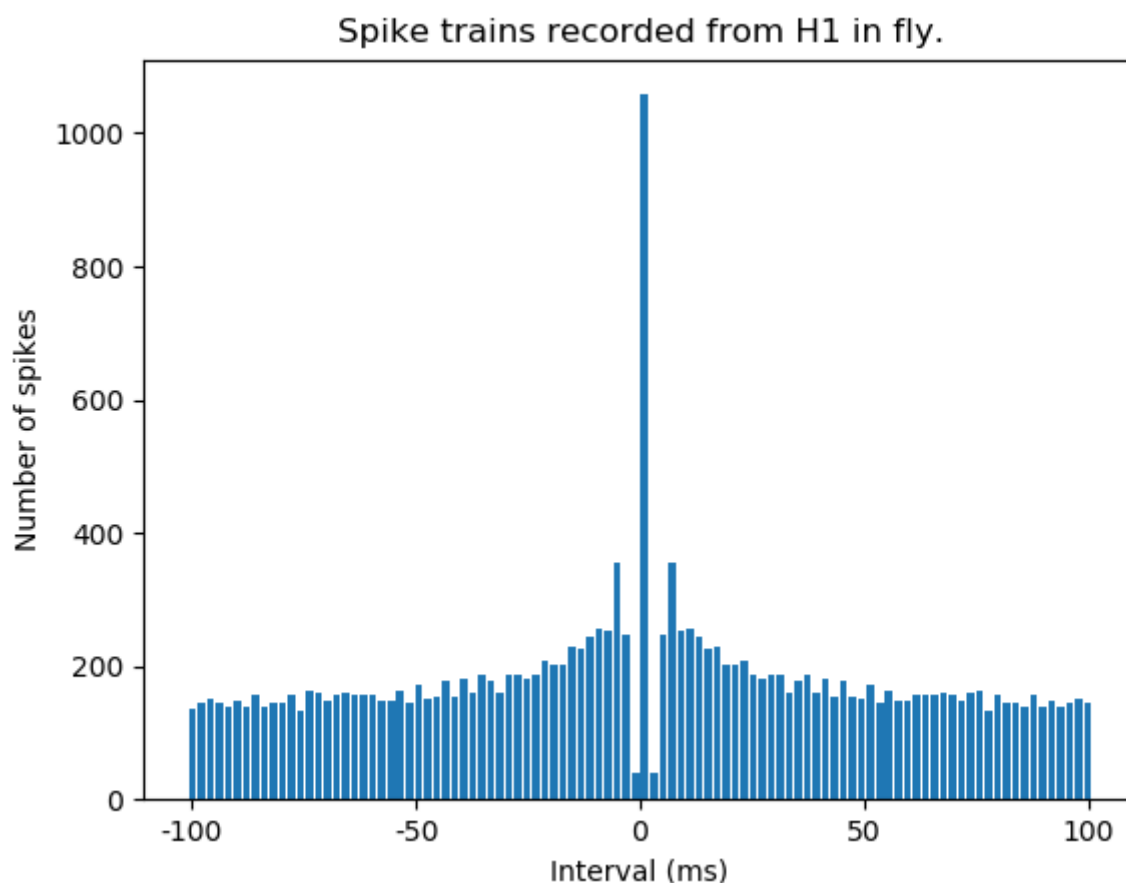
Question 2

Fly H1 neuron spike train with 2ms refractory period

The **Fano factor** is $F = 2.7184$

The **Coefficient of Variation** is $CV = 2.0085$

Question 3



Question 4

