

## Computational Neuroscience Coursework 2

### Question 1

Fano Factors:

Window Width	0ms refractor period	5ms refractor period
10ms	0.988481781973063	0.7493417337063575
50ms	0.997606331299643	0.6990053370064803
100ms	0.9988387705767238	0.6887983071169603

Coefficient of Variation:

0ms refractory period: 1.0017959143464485

5ms refractory period: 0.8254975225671043

### Question 2

Fano Factors of rho.dat:

Window Width	Fano Factor
10ms	1.117680142627936
50ms	2.929756284864088
100ms	4.102959520344768

Coefficient of variation of rho.dat: 2.0085154091296