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**Question 1**

|  |  |
| --- | --- |
| **With no refractory period** | |
| Fano factor (over windows of width 10 ms) | ﻿1.0028309352517986 |
| Fano factor (over windows of width 50 ms) | ﻿1.0014352517985612 |
| Fano factor (over windows of width 100 ms) | ﻿1.0059208633093526 |
| Coefficient of variation | ﻿1.0057825931561222 |

|  |  |
| --- | --- |
| **With a refractory period of 5ms** | |
| Fano factor (over windows of width 10 ms) | ﻿0.7478558033161806 |
| Fano factor (over windows of width 50 ms) | ﻿﻿0.6995991995425956 |
| Fano factor (over windows of width 100 ms) | ﻿﻿0.6827890222984563 |
| Coefficient of variation | ﻿﻿0.8203865805279734 |

**Question 2**

|  |  |
| --- | --- |
| **A fly H1 neuro** | |
| Fano factor (over windows of width 10 ms) | ﻿1.1198442813566911 |
| Fano factor (over windows of width 50 ms) | ﻿﻿﻿2.9333009948508413 |
| Fano factor (over windows of width 100 ms) | ﻿﻿﻿4.107101234118765 |
| Coefficient of variation | ﻿﻿﻿2.0085523370640965 |

**Question 3**

**![图片包含 游戏机

描述已自动生成]()**

**Question 4**

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**COMS2127**

Where the spikes are not necessarily adjacent

![地图的截图

描述已自动生成]()

Where the spikes are necessarily adjacent

**![地图的截图

描述已自动生成]()**