表5 对比加速方法性能

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **相较于LIF神经元的加速比** | | | | | | **LIF耗时(ms)** |
| **SpikingJelly** | **PSN** | **BlockALIF分组大小** | | | |
| **2** | **4** | **8** | **16** |
| **2** | 1.03 | 2.20 | 0.20 |  |  |  | 1.44 |
| **4** | 1.48 | 4.07 | 0.17 | 0.38 | 0.38 |  | 3.02 |
| **8** | 2.72 | 6.81 | 0.15 | 0.29 | 0.29 |  | 4.79 |
| **16** | 6.19 | 12.60 | 0.22 | 0.29 | 0.29 | 1.29 | 9.48 |
| **32** | 16.61 | 17.76 | 0.25 | 0.40 | 0.40 | 1.01 | 17.14 |
| **64** | 14.83 | 43.75 | 0.24 | 0.45 | 0.45 | 0.98 | 30.60 |