Average latency for nodes n

- Binary Exponential Backoff
- Linear Backoff
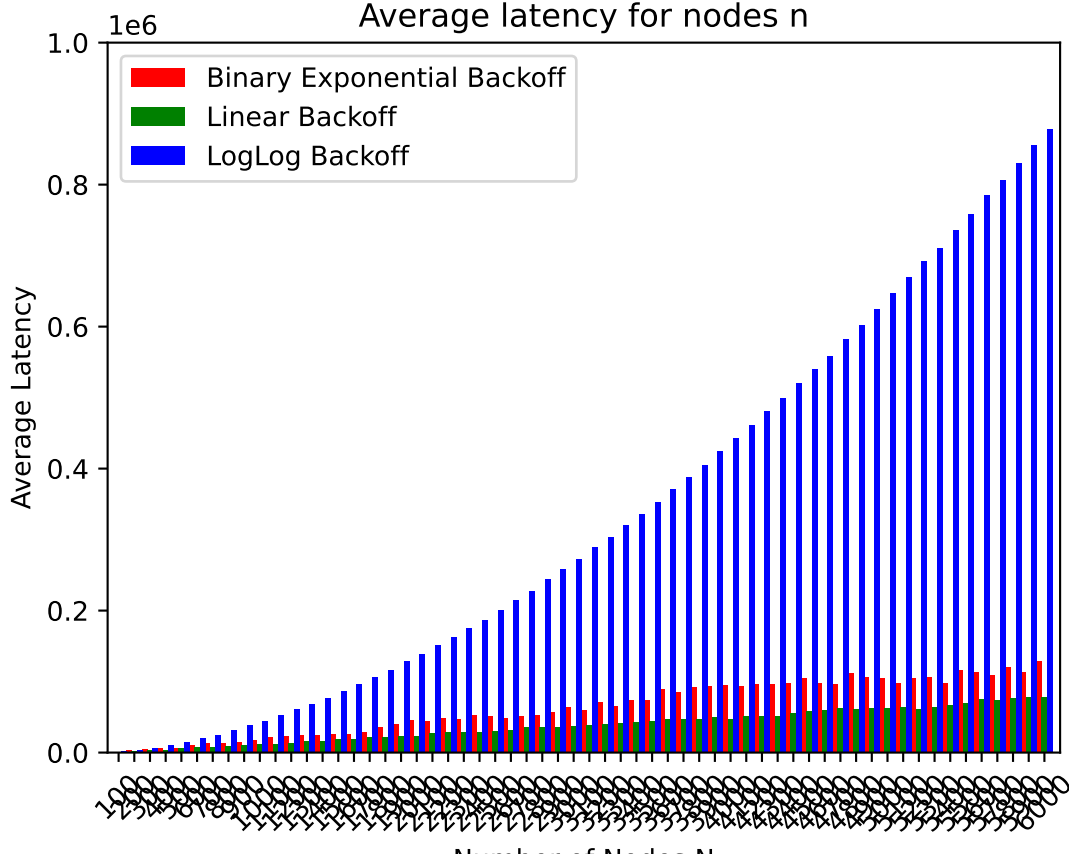- LogLog Backoff

1. Which backoff protocol appears to give the best (lowest) average latency value as the number of devices tends to infinity?
The exponential protocol gives the lowest average latency because the windows get large the quickest to compensate for a lot of data.
2. Which backoff protocol appears to give the worst (highest) average latency value as the number of devices tends to infinity?
The linear protocol gives the highest average latency because every iteration only increases the window length by 1. When working with a lot of data, this is just too slow of a compensation.
3. Why do you think the worst (in terms of latency) protocol is behaving so poorly compared to the other two?
I believe the worst protocol behaves poorly because it does not compensate the necessary amount quickly enough for the amount of data required to be sent.