Quiz 6.2: Escape Noise
Escape Noise

0 points possible (ungraded)
Indicate correct choices:

- ☑ A leaky integrate-and-fire model with escape noise can be interpreted as a generative model of a spike train. ✔

- ☑ For a leaky integrate-and-fire model with escape noise we can (numerically) calculate the likelihood that observed experimental data could have been generated by the model. ✔

- ☐ Suppose we inject a time-dependent current into a real neuron and observe the resulting spike train. We the inject the same time-dependent current into a nonlinear integrate-and-fire model with exponential escape noise with parameter theta. For each choice of theta we can then calculate the likelihood that the model could have generated the observed spike train. ✔

✖

| Submit | You have used 1 of 1 attempt |

ⓘ Answers are displayed within the problem

Discussion

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