Rapid Online Estimation of Astrophysical Source Category and Compact Binary Parameters

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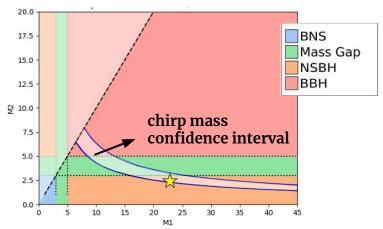
- Rapid Source Classification is important for sending follow-up alerts of electromagnetic or other counterpart signals
- We estimate source probabilities using trigger chirp masses and effective distances from PyCBC Live.
- We present results for simulated signals, and for
 O3 confirmed events identified in low latency.

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Estimated probabilities for GW190814

Our method	1st Public Alert	GWTC-2
31% MG <mark>52% NSBH</mark> 17% BBH	100% MassGap	100% NSBH