

$$\begin{aligned}M &\sim 10^4 - 10^7 M_\odot \\m_1 &= 3 \times 10^6 M_\odot \\m_2 &= 10^6 M_\odot \\ \chi_1 &= 0.8 \\ \chi_2 &= 0.5 \\ f_{\text{merge}} &\sim \frac{1}{M}\end{aligned}$$

$$\begin{aligned}\chi_1 = \chi_2 &= 0 \\ \chi_1 = \chi_2 &= 0.99 \\ h_\times \\ \hat{\mathbf{L}} \\ \hat{\mathbf{n}}\end{aligned}$$