Table 1: Intrinsic paramters of the simulation (at $t = 0$). $\Omega_{22,0}$ denotes the angular frequency of the $(l, m) = (2, 2)$ gravitational waves.

Mass ratio:	5
NS mass:	1.35 $M_\odot$
Total mass m_0(isolate):	8.1 $M_\odot$
EoS:	APR4
Dimensionless spin parameter:	0.375
Angular frequency ($m_0\Omega_{22,0}$):	0.07053

Data files in "gwf_J/" are the $l = 2$ waveforms observed from the z–axis of the simulation (the initial total angular momentum of the system is set to direct $+z$).

The first, second and third column in each data file denote the time normalized by m_0, the real part of Dh_{lm}/m_0, and the imaginary part of Dh_{lm}/m_0, respectively.