Parameter means for BHBH type DCO 25 10.9218 M $_{\odot}$ $9.5131~M_{\odot}$ 11.4584 M $_{\odot}$ 20 20 20 [o M 15 0 15 10 10 M2_{DCO} M = 10 -15 m_{chirp} [M☉] 10 5 5 5 -0.500.025 -1.3359 AU 0.4762 0.0164 8.0 -0.75log10 [a_{DCO}] [AU] 0.020 -1.000.6 0.4 0.4 N 0.015 -1.25-1.500.010 0.2 -1.7510 6.4861 Myr 2.2172 Gyr 1,1755 1.8 9 log₁₀ [t_{lookback}] [Gyr] 1.6 8 t_{evol} [Myr] 1.4 NS 1.2 6 1.0 5 8.0 4 -0.6 25 50 75 25 0 50 75 100 0 25 100 50 75 100 0 Number of galaxies Number of galaxies Number of galaxies