Parameter means for BHNS type DCO 14 8.0109 M<sub>o</sub>  $1.5192~M_{\odot}$  $2.7664~M_{\odot}$ 1.7 3.5 12 [ 1.6 M] 000 1.5 2 1.4 1.6 m1<sub>DCO</sub> [M☉] 10 m<sub>chirp</sub> [M o ] 3.0 2.5 6 2.0 4 1.3 -2 8.0 -1.5368 AU 0.3366 0.0178 0.025 -1.00.6 log<sub>10</sub>[a<sub>DCO</sub>][AU] -1.2 0.020 0.4 0.4 -1.4Ν -1.60.015 0.2 -1.80.010 -2.00.0 17.5 1.081 9.6185 Myr 2.8014 Gyr 3.5 1.6 15.0 log10 [tlookback] [Gyr] 1.4 t<sub>evol</sub> [Myr] 3.0 12.5 **W** 1.2 10.0 2.5 1.0 7.5 0.8 2.0 5.0 25 25 50 100 25 50 75 50 75 100 0 75 0 100 Number of galaxies Number of galaxies Number of galaxies