Parameter means for NSNS type DCO 1.4 1.3168 M<sub>o</sub>  $1.2019~M_{\odot}$  $1.4618~M_{\odot}$ 1.7 1.5 1.3 1.6 m1<sub>DCO</sub> [M☉] m<sub>chirp</sub> [M o ] 1.4 1.3 1.3 1.2 1.1 1.2 -1.4-2.0123 AU 0.3349 0.0176 0.6 0.025 -1.6log<sub>10</sub> [a<sub>DCO</sub>] [AU] 0.5 -1.8 0.020 0.4 000 Ν -2.0 0.3 0.015 -2.2 0.2 -2.40.010 0.1 -2.6 32.5 2.5324 Gyr 1.109 25.6123 Myr 4 3.5 log<sub>10</sub> [t<sub>lookback</sub>] [Gyr] 0. 2 5 0. 2 0. 30.0 3 27.5 Experiment 22.5 22.5 SNR 2 1 0 20.0 1.5 17.5 25 50 75 25 50 75 25 50 75 100 0 100 100 0 Number of galaxies Number of galaxies Number of galaxies