

Hubble Constant (in km/s/Mpc)

Observation Time (in days)

0.1 3.4 6.7 10.1 13.4 16.7 20.0 23.4

- Correlated Pop:  $\pi(M_c, q, z) \neq \pi(M_c, q)\pi(z)$
- Uncorrelated Pop:  $\pi(M_c, q, z) = \pi(M_c, q)\pi(z)$
- Injected Planck 2018

~ 1% Precision

100  
90  
80  
70  
60  
50

15 445 884 1329 1645 2115 2542 3034

Number of Detected BNSs

