BBH Mass Ratios Cluster Near Fibonacci/φ Values Enrichment: 22/41 (53.7%) Expected: 26.7% $p = 2.2 \times 10^{-4} (\sim 3.7 \sigma)$ Observed (N=41) 10 - $\phi^{-1} = 0.618$ -2/3 = 0.667-3/5 = 0.600- 5/8 = 0.625 8 Number of Events GW19072<mark>8_064510</mark> (EXACT 2/3) 2

0.2

0.0

II II 0.40.6 1.0 8.0 Mass Ratio $q = m_2/m_1$