Running time to sample approximate majority at simulated time 10 ppsim 10<sup>3</sup> GillesPy2 StochKit2 running time (s) / sample generated  $10^{2}$  $10^{1}$ 10<sup>0</sup>  $10^{-1}$ 10-2 10<sup>-3</sup>  $10^{-4}$ 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>10</sup> 10<sup>12</sup>  $10^{2}$  $10^{6}$  $10^{7}$ 10<sup>8</sup> 10<sup>9</sup>  $10^{11}$ population size