



Figure S2: Optimal experiment design for the bursting gene expression model using E-optimality determined using the logarithmic parameterization of the FIM. The FSP-FIM (blue), LNA-FIM (purple) and SM-FIM (green) are shown for different sampling periods Δt . Orange triangles represent the E-optimality confirmed using 200 simulated data sets for each potential sampling period, where the optimal sampling periods are given by black circles.