Codes used to generate plots shown in the paper “Epigenetic OCT4 regulatory network: stochastic analysis of cellular reprogramming”. In particular,

1. “distributiontimeFINAL” is used to generate the plots of and
2. “runmeeasyFINAL3”, “runmeeasyFINAL3TRANSIENT”, and “runmeeasyFINAL3DOUBLETRANSIENT” are the codes using the original Gillespie simulation model (Figs. 2 -6, SI – Figs. 1 – 13) ;
3. “runmeeasyFINAL3cellcycle” is the code used to generate the time trajectories in SI-Figs. 14 – 15 with the new model described in SI-Section S.4