Supplementary information for the manuscript "*A dynamical framework for complex fractional killing*"

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Supplementary Figure 1. Effect of the level of noise on time series simulations. The integrated levels of p53 are shown. Red curves indicate apoptotic cells while blue curves indicate surviving cells. **A & B**, 300 cells were subjected to a low level of drug (drug=0.45), and the values of the chosen parameters were randomized between 60-140% (**A**) or 80-100% (**B**) of their basal values. **C & D**, 300 cells are subjected to a high level of drug (drug=1), and the parameter values are randomized 60-140% (**C**) or 80-100% (**D**).