



Figure S2: Exemplary FAMoS-run analysing CD4⁺ T cell dynamics: Visualization of a single FAMoS-run over several iterations with the addition (*forward search*, green), removal (*backward elimination*, red) and swapping (*swap search*, blue) of parameters for analysing the turnover dynamics of CD4⁺ T cells in suspension and collagen. Parameters that are selected in the final model with the denoted AICc-value of -537.4 are indicated in bold. The final run out of 5 individual FAMoS runs is shown.