



Figure S3: Profile likelihood analysis for parameter estimates of CD4⁺ T cells: Profile likelihoods for the different proliferation, ρ , and death rates, δ , (each h^{-1}) considered within the model identified for CD4⁺ T cell turnover dynamics in suspension (blue) and collagen (red). The y-axes show the value of the cost function defined in Eq. (5) (see *Methods*). The last three panels show the profile likelihoods for the estimated standard deviation of the data, σ and the adaptation times for suspension, τ_S , and collagen, τ_C (in hours). Red lines indicate the boundaries of the confidence intervals. Corresponding parameter values are shown in Table 1 in the manuscript.