A biology-based approach for mixture toxicity of multiple endpoints over the life cycle

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Supplementary material: survival fits

The fits for the mixtures on the survival data is difficult to read. For this reason, we include here the same information, but organized in a different way in Figure S1. In each plot, the concentration of pyrene is kept at a constant value whereas the value for fluoranthene varies.

Furthermore, the model fits to the data from the acute range-finding experiments are shown (Figure S2). These data were included in the simultaneous model fit with the chronic data.

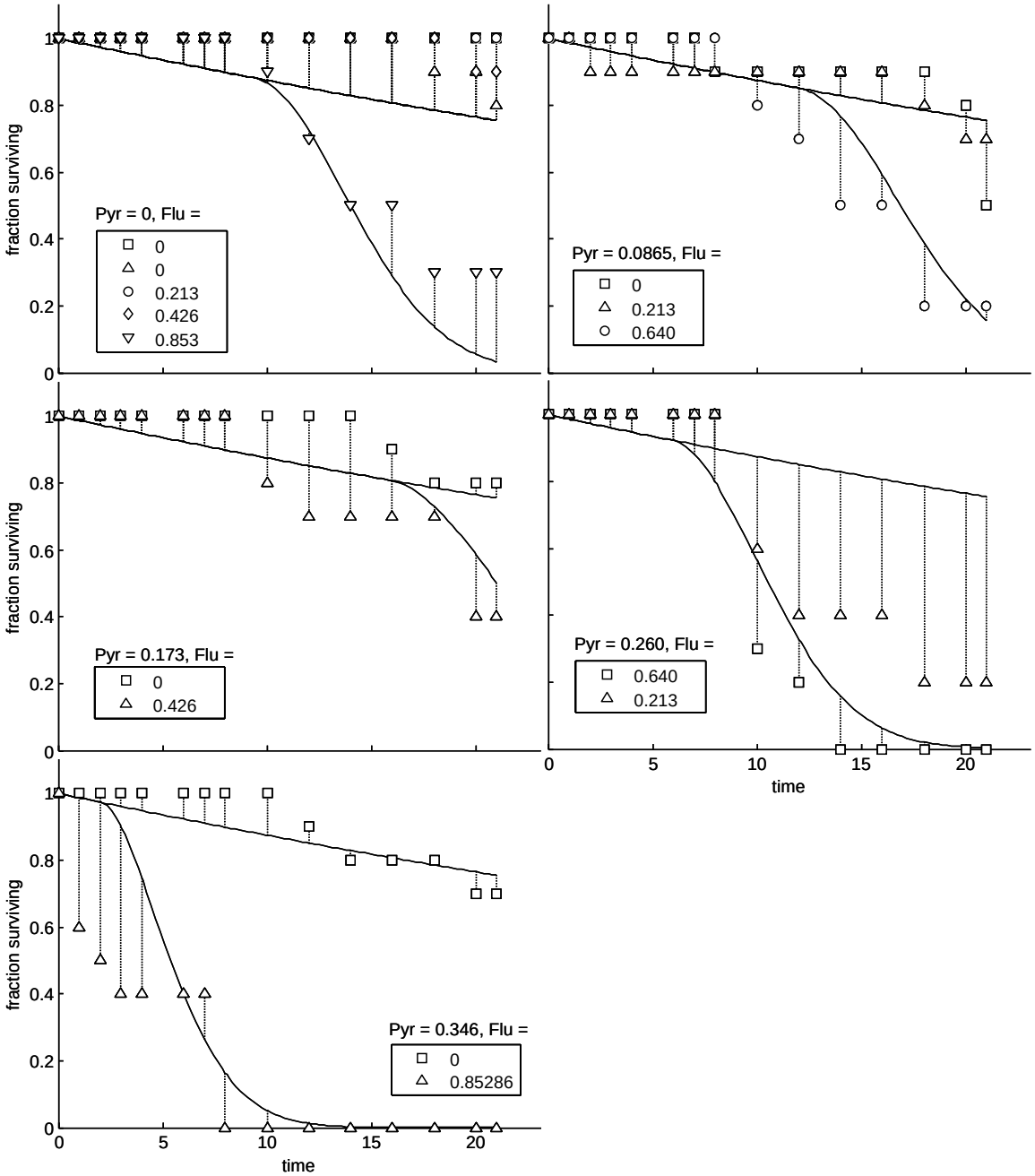

Fig. S1 Detailed plots of the fit of the mixture model to the survival data for *Daphnia magna*. These are the same data and fits as shown in Figure 3 of the main text. Concentrations in the legends are in μM.

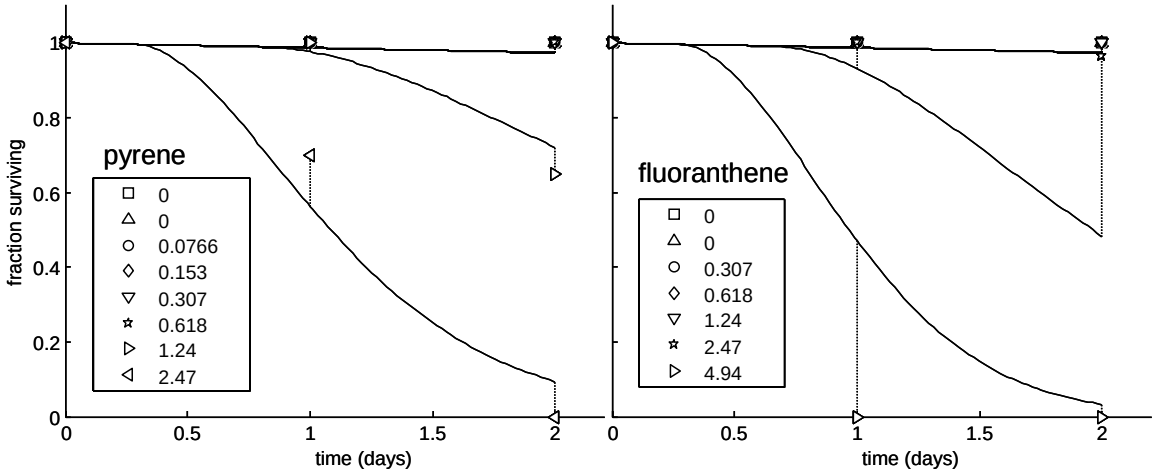

Fig. S2 Model fit to the data from the acute range-finding experiment. Concentrations in the legends are in μM.