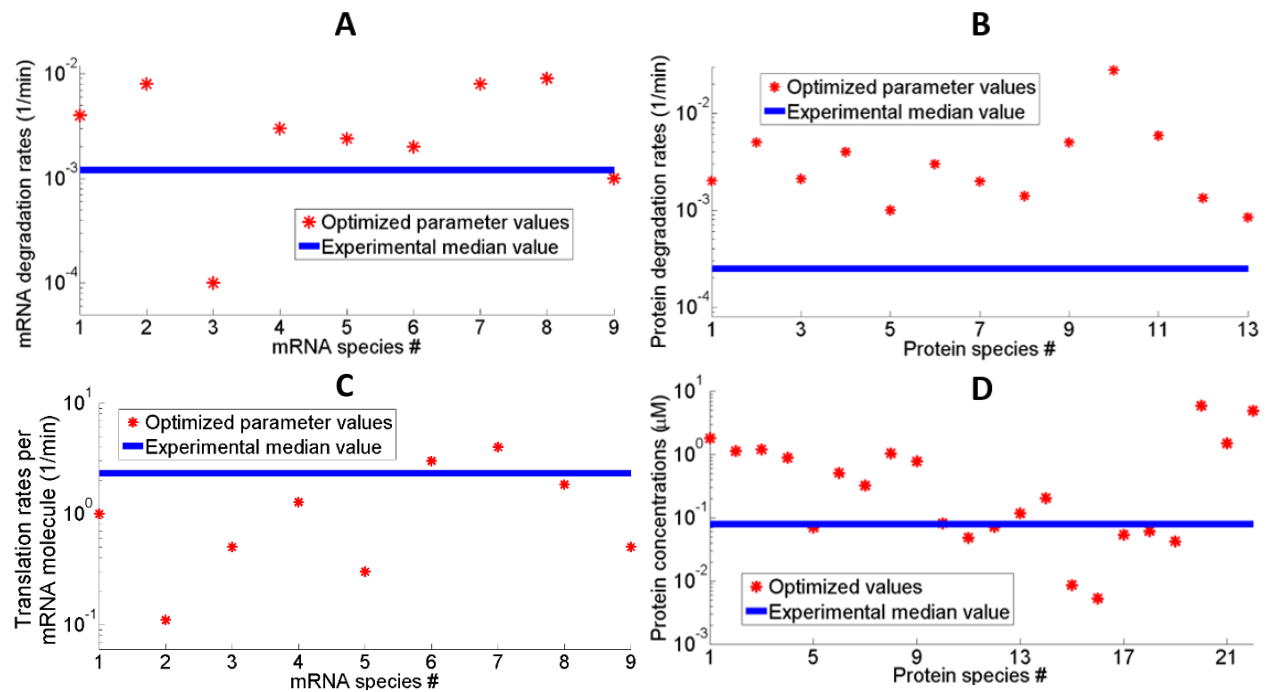


S6\_Fig



**S6\_Fig. Model parameter distributions.** Distribution of protein/mRNA turnover parameters and initial conditions used in the model including (A) mRNA degradation rates of different species (median  $1.2 \times 10^{-3} \text{ min}^{-1}$ ), (B) protein degradation rates of different species (median  $2.5 \times 10^{-4} \text{ min}^{-1}$ ), (C) rate of translation of different mRNA species (median 2.33 proteins per mRNA per min), and (D) protein concentrations of different species (median 0.08  $\mu\text{M}$ ). (A-D) The red asterisks are optimized model parameter values and the blue lines are the experimental median values obtained from literature (1, 2).

## References

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