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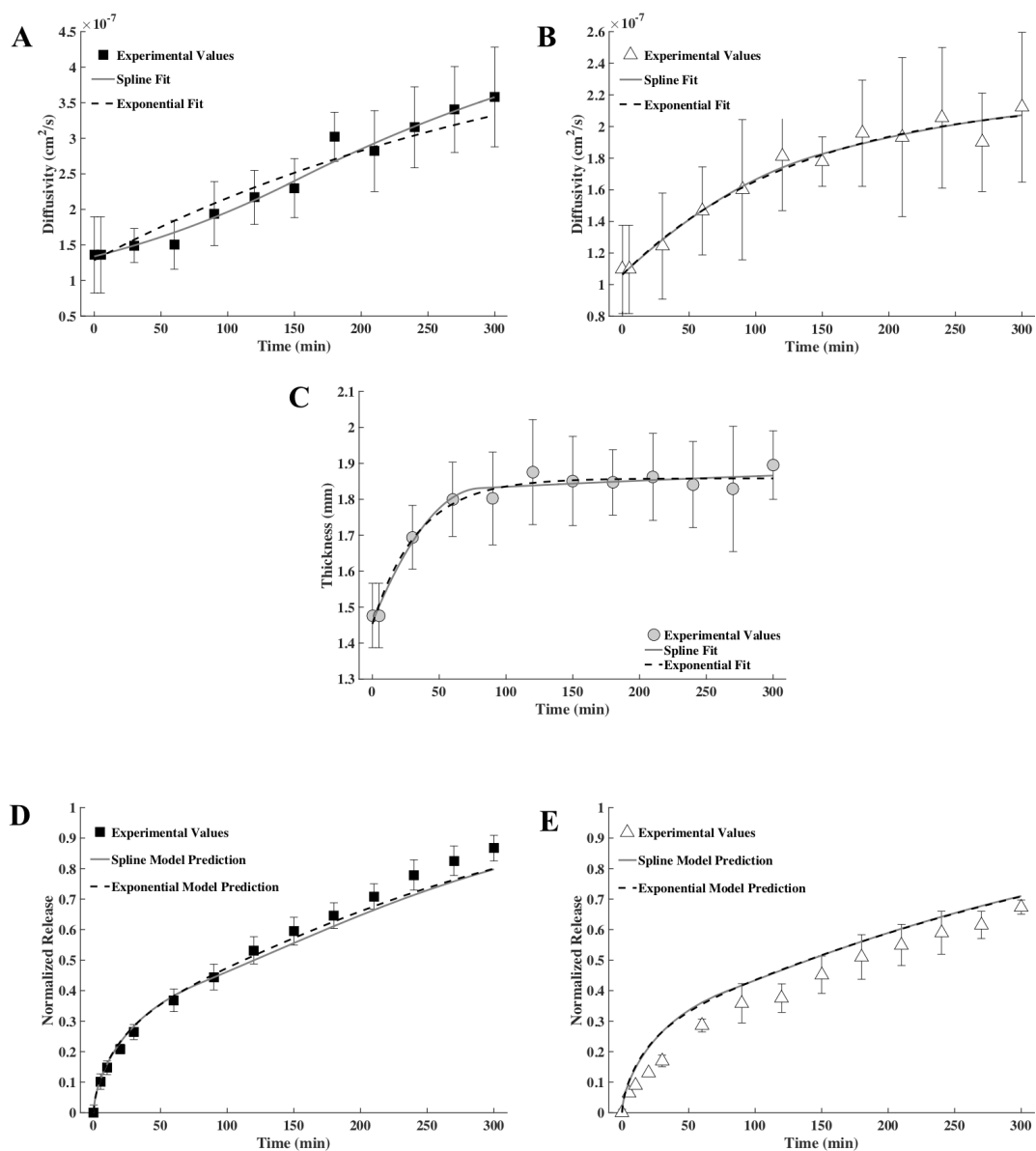


Figure S1: Comparison of spline vs exponential data fit. The fits calculated using MATLAB for the diffusion coefficient values obtained via FCS for fluorescently labeled (A) BSA and (B) IgG, and (C) the measured hydrogel thickness as a function of time. Comparison of release profiles of (D) BSA and (E) IgG obtained from the mathematical model and bulk release experiments.