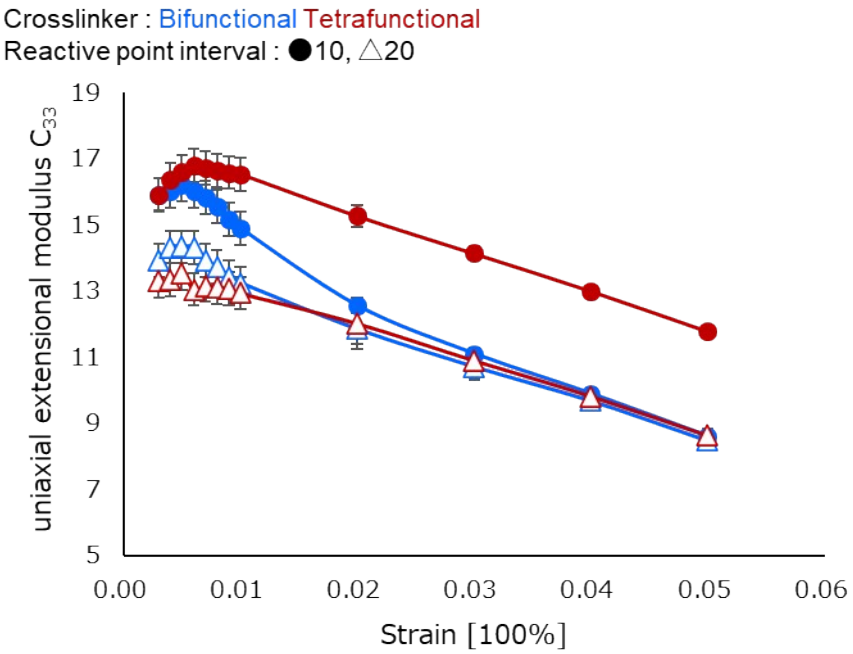
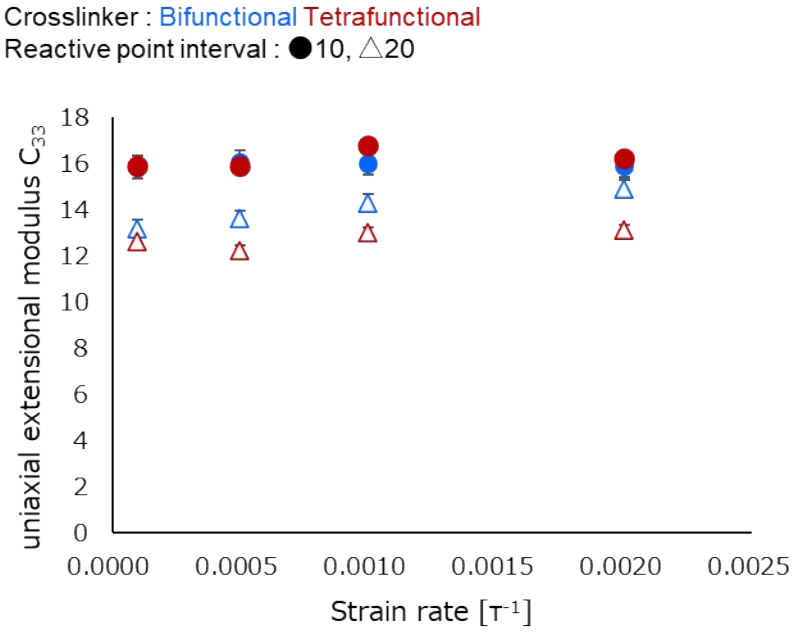
Supporting information



SI.1. Benchmark analysis of the uniaxial extensional modulus C_{33} calculated using different upper strain limits (ε_{zz} = 0.05, 0.04, 0.03, 0.02, 0.01, 0.009, 0.008, 0.007, 0.006, 0.005, 0.004, and 0.003).



SI.2. Strain-rate dependence of the uniaxial extensional modulus C_{33}. Benchmark simulations

were performed at strain rates of $1.0\times10^{-4}\tau^{-1}$, $5.0\times10^{-4}\tau^{-1}$, $1.0\times10^{-3}\tau^{-1}$, and $2.0\times10^{-3}\tau^{-1}$. the effective chain ratio and strand length uniformity.