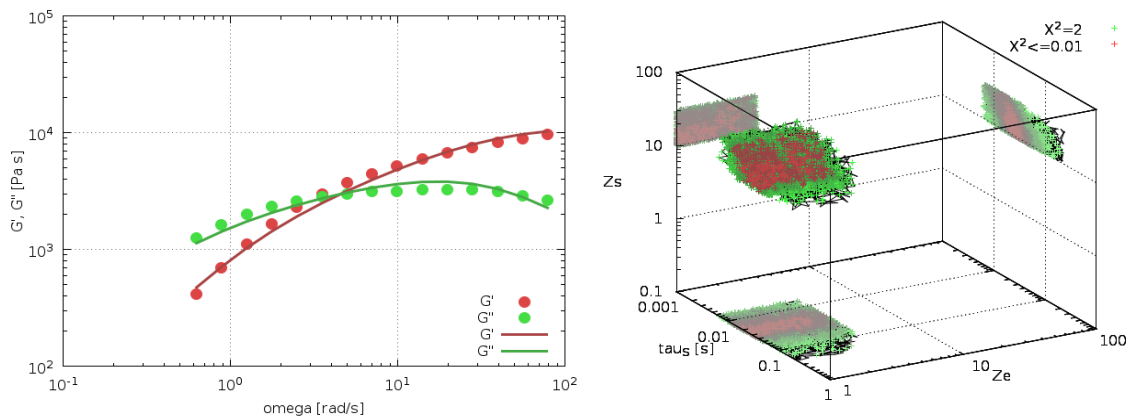
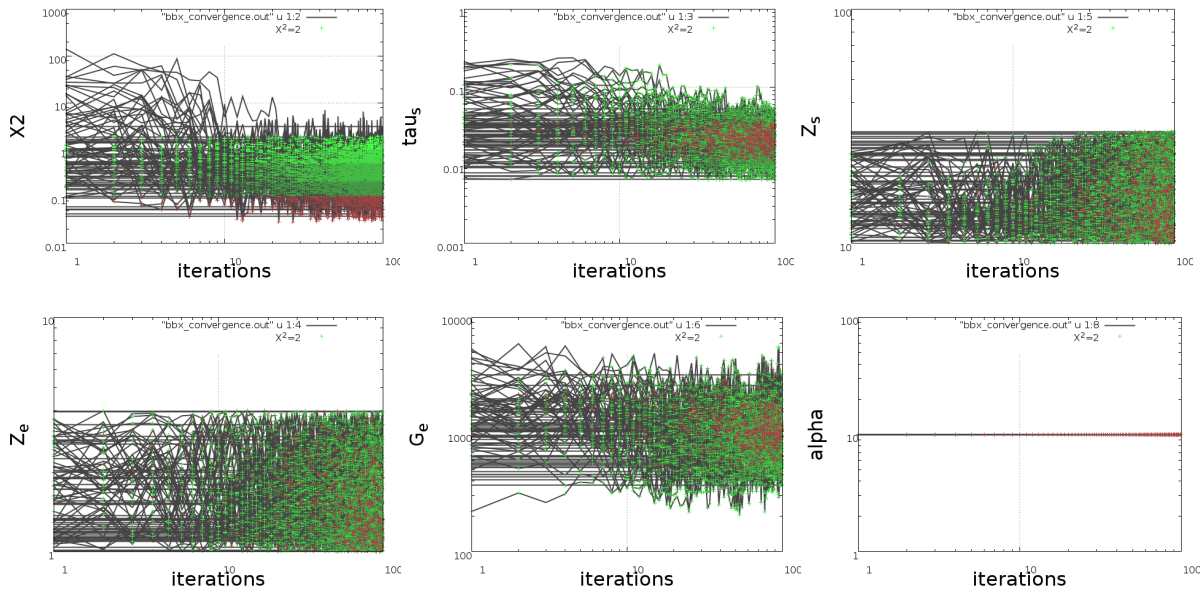


# Bombyx fit report



Left: Elastic modulus,  $G'(w)$ , (red) and viscous modulus,  $G''(w)$ , (green) as a function of the angular frequency,  $w$ . The symbols represent the input data and the lines represent the best fit of the sticky-reptation model to the data. Right: Explored parameter space during MC algorithm. The axes  $Z_e$ ,  $Z_s$ ,  $\tau_S$  refer to the number of entanglements, the number of stickers, and the sticker dissociation time, respectively. Variations in the elastic modulus,  $G_e$ , and strength of contour-length fluctuations,  $\alpha$ , are not shown.



Values of the fitting parameters during the fitting procedure. The colour coding indicates the fit quality consistently with the colour coding above.

