

697 Supplementary Materials

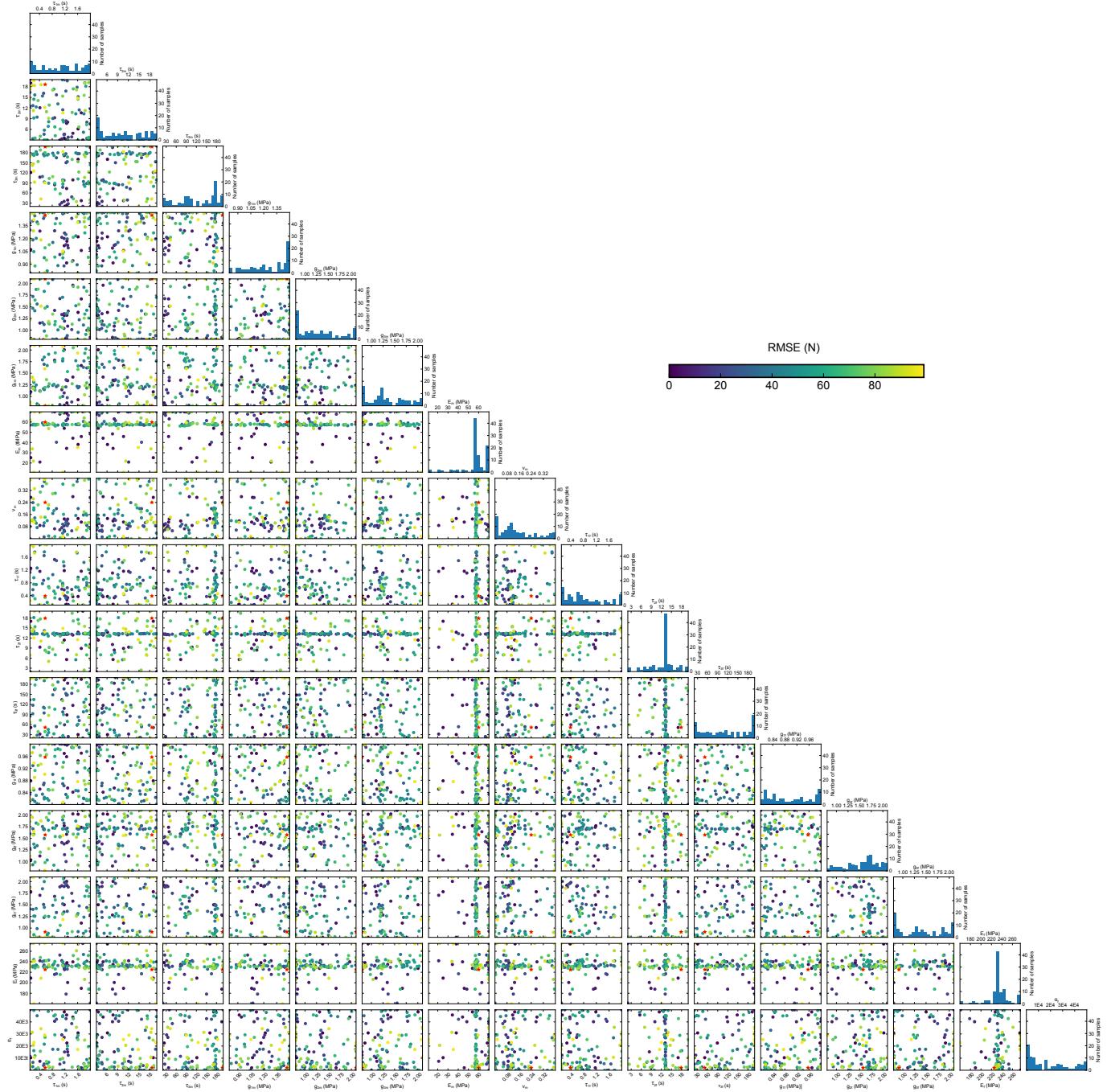


Figure S1: Visualization the sample points for a typical specimen during Bayesian optimization. (The red star shows the best-found parameters)

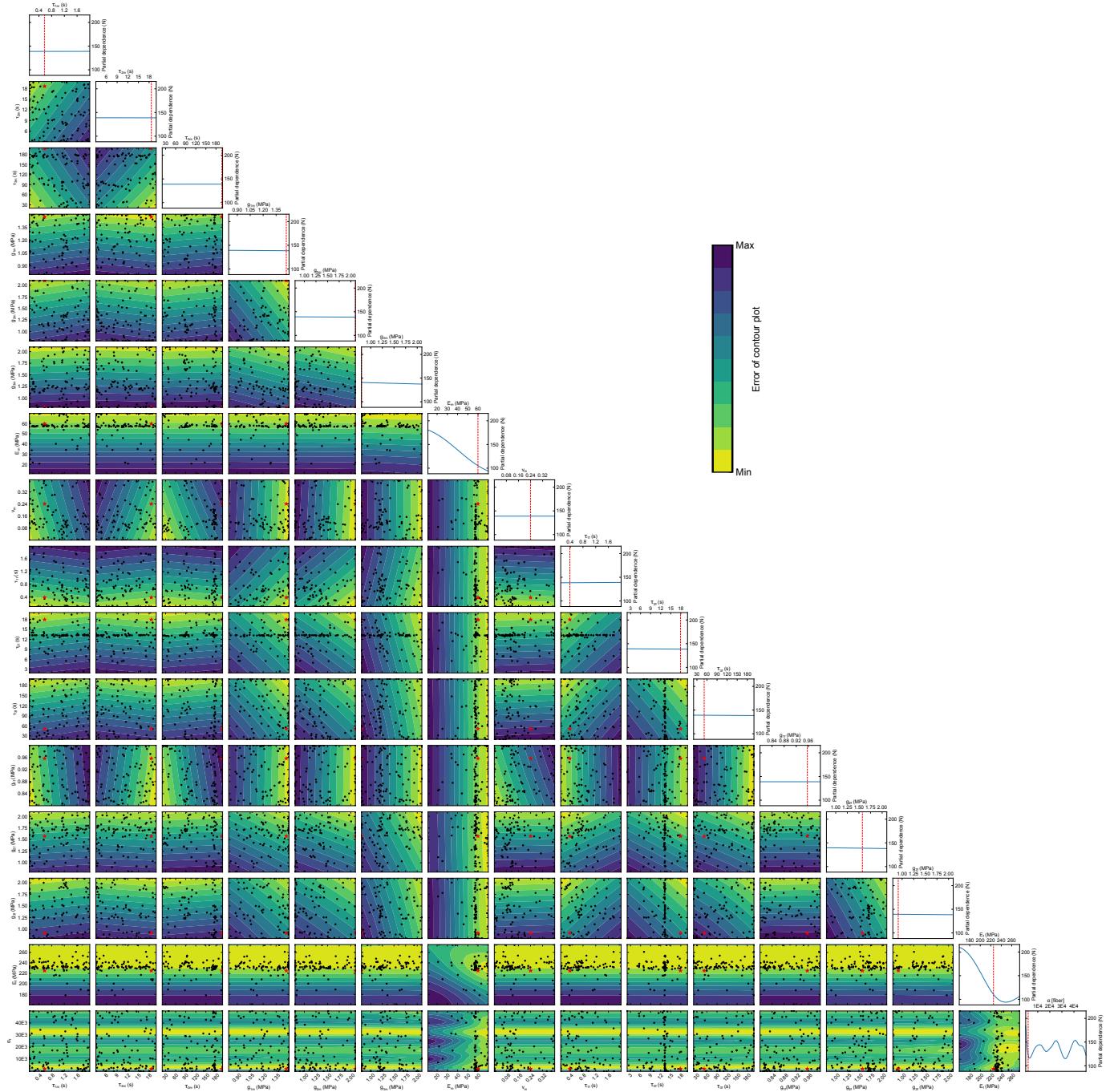


Figure S2: The influence of each search space on objective function observed for a typical specimen in Bayesian optimization (The red star shows the best-found parameters)

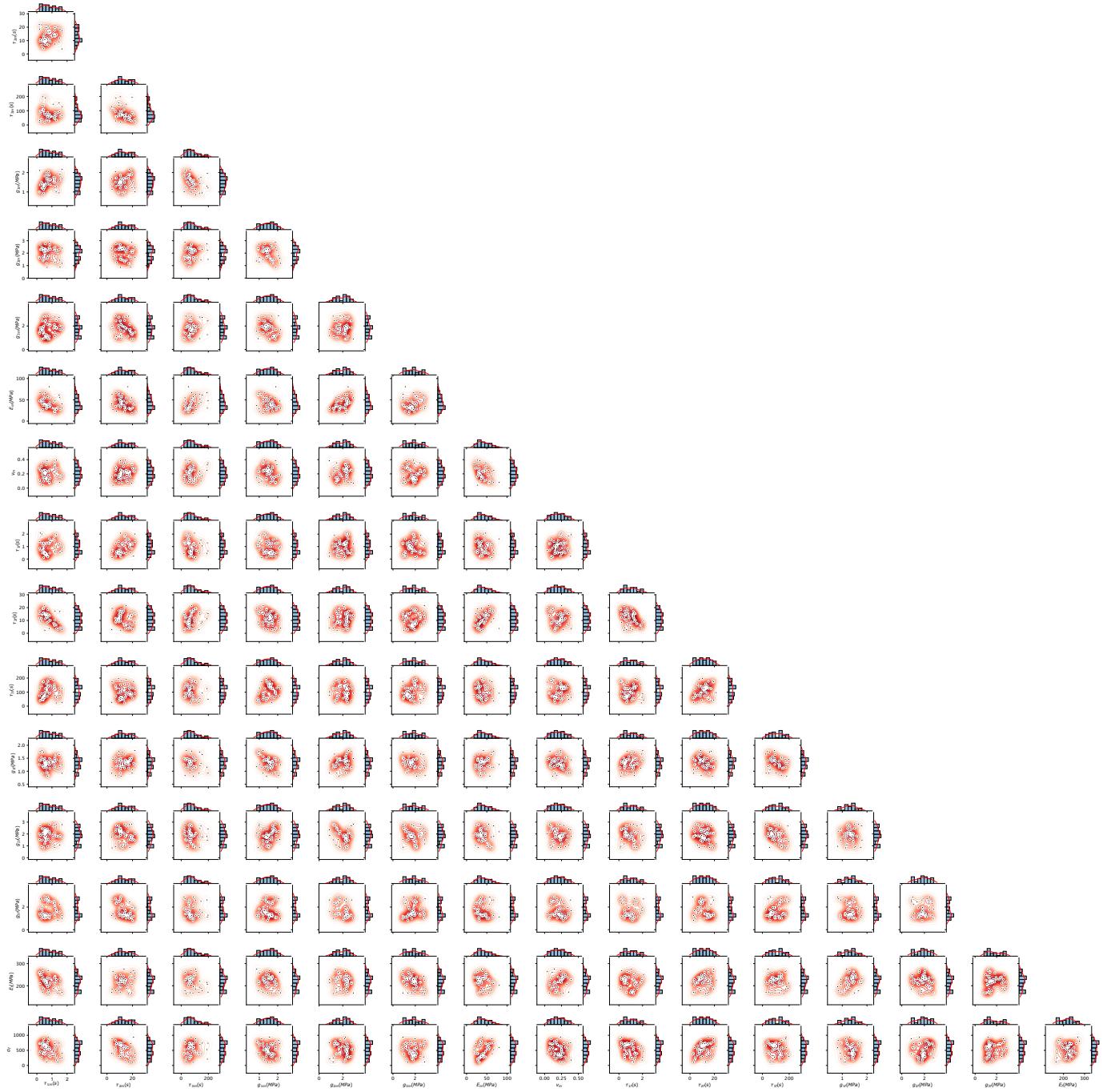


Figure S3: Posterior joint plots between parameters of the matrix and fiber component for the distal site

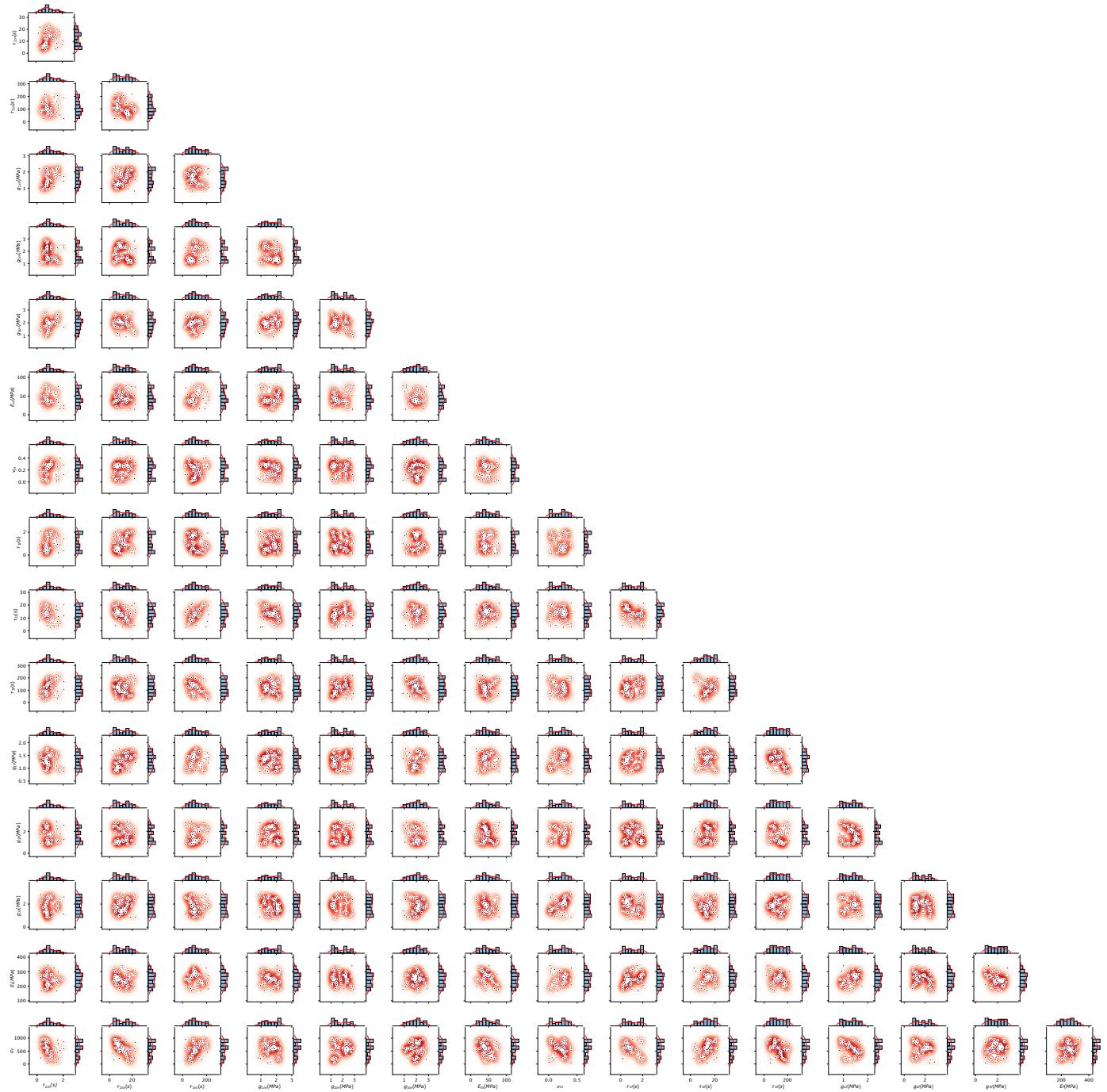


Figure S4: Posterior joint plots between parameters of the matrix and fiber component for the middle site

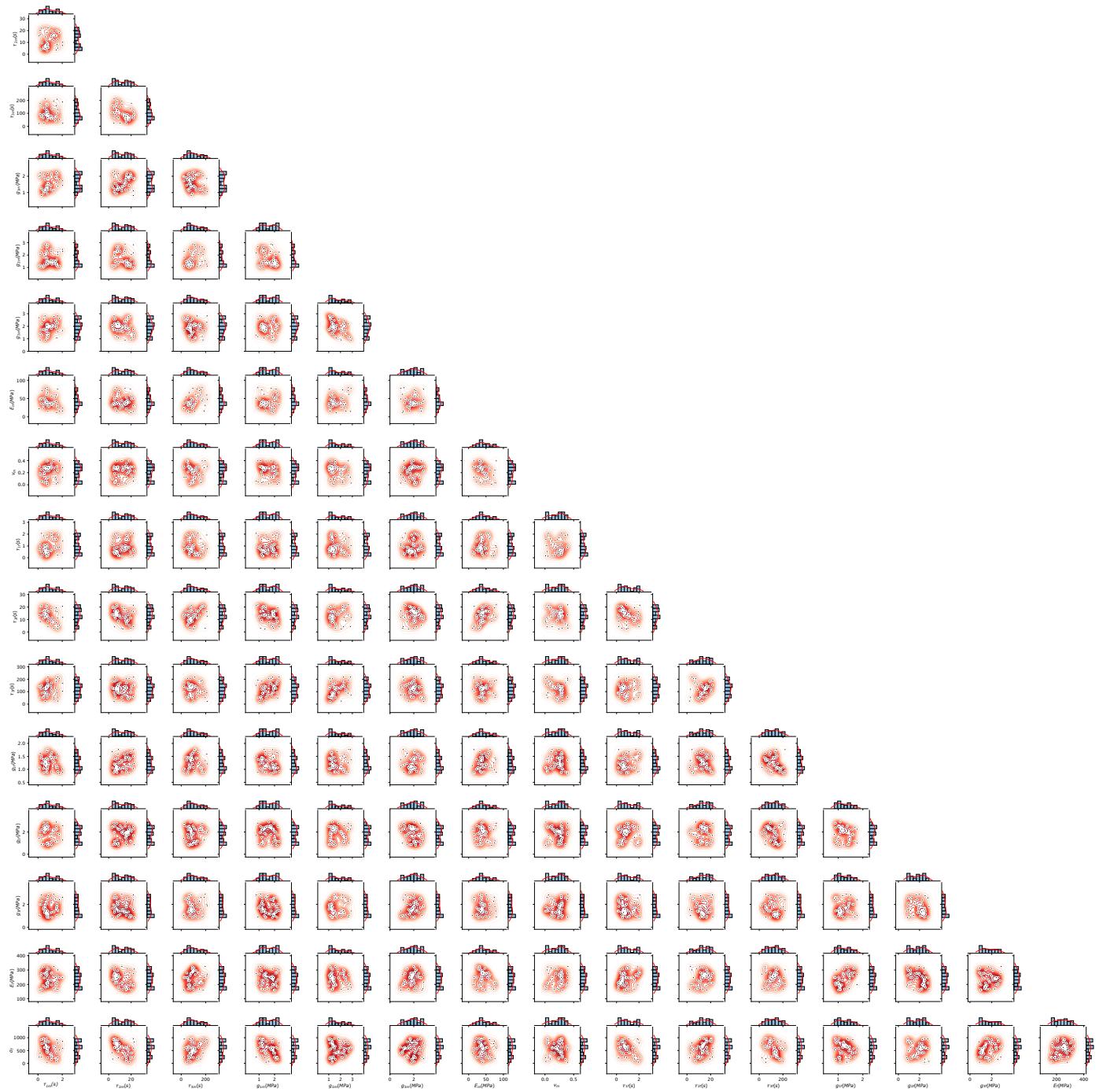


Figure S5: Posterior joint plots between parameters of the matrix and fiber component for the proximal site

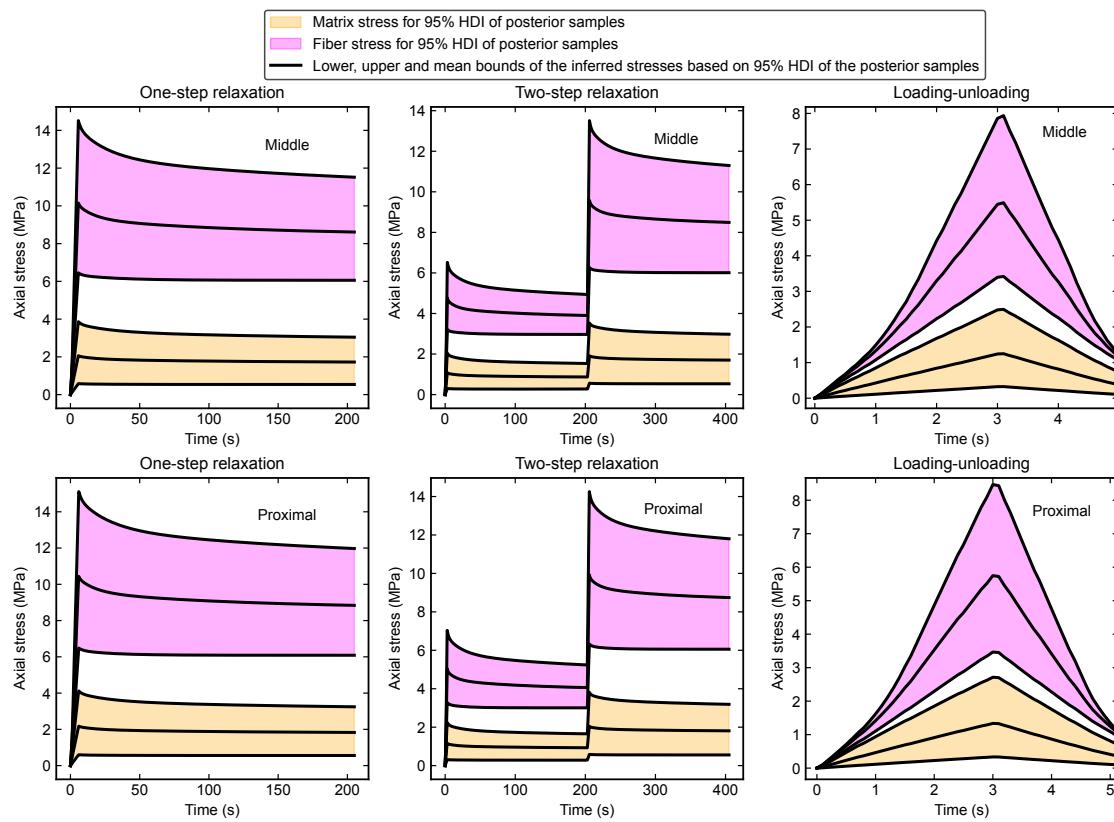


Figure S6: Inferred matrix and fiber stresses for the middle and proximal sites