Electronic Supplementary Material (ESI) for Soft Matter.

SUPPLEMENTARY INFORMATION

AI-dente: An Open Machine Learning Based Tool to Interpret Nano-indentation Data of Soft Tissues and Materials

Giolando et al.

The University of Texas at Austin

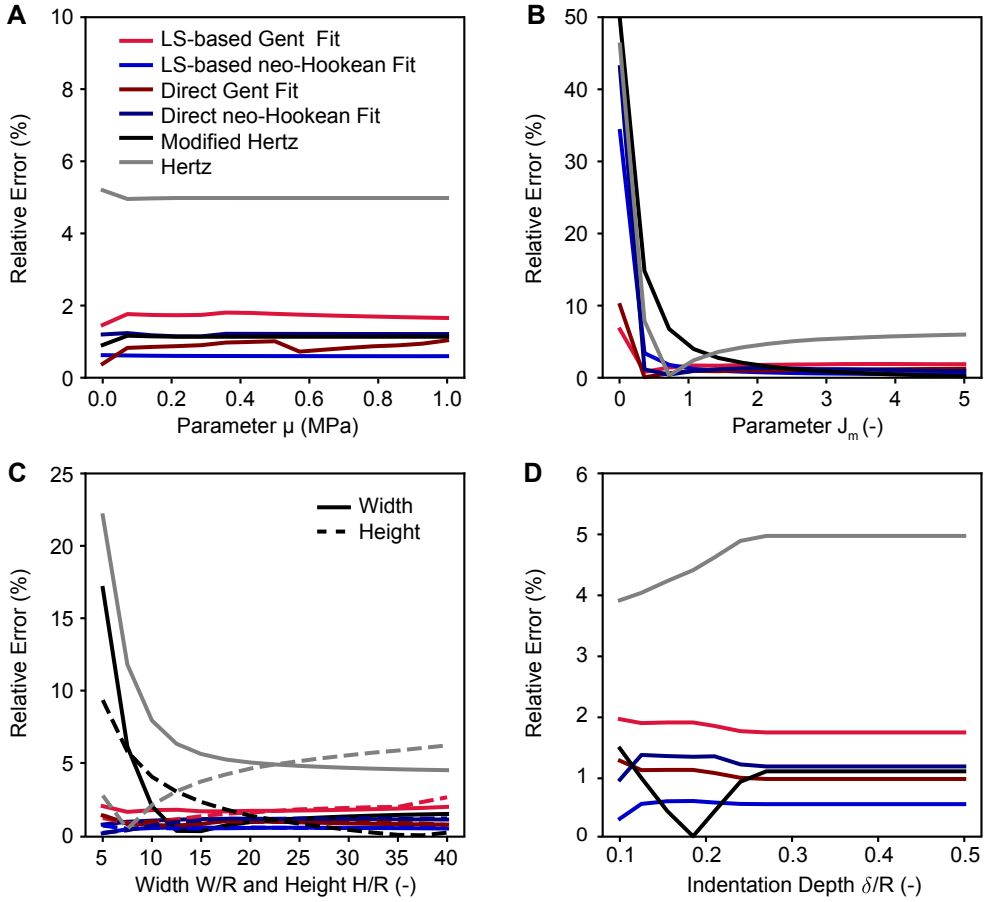

Figure S1: Sensitivity of shear modulus identifiability for all methods. The error between the predicted and the ground truth shear modulus as a function of A) sample shear modulus, B) stiffening parameter, C) sample width and height, and D) indentation depth.

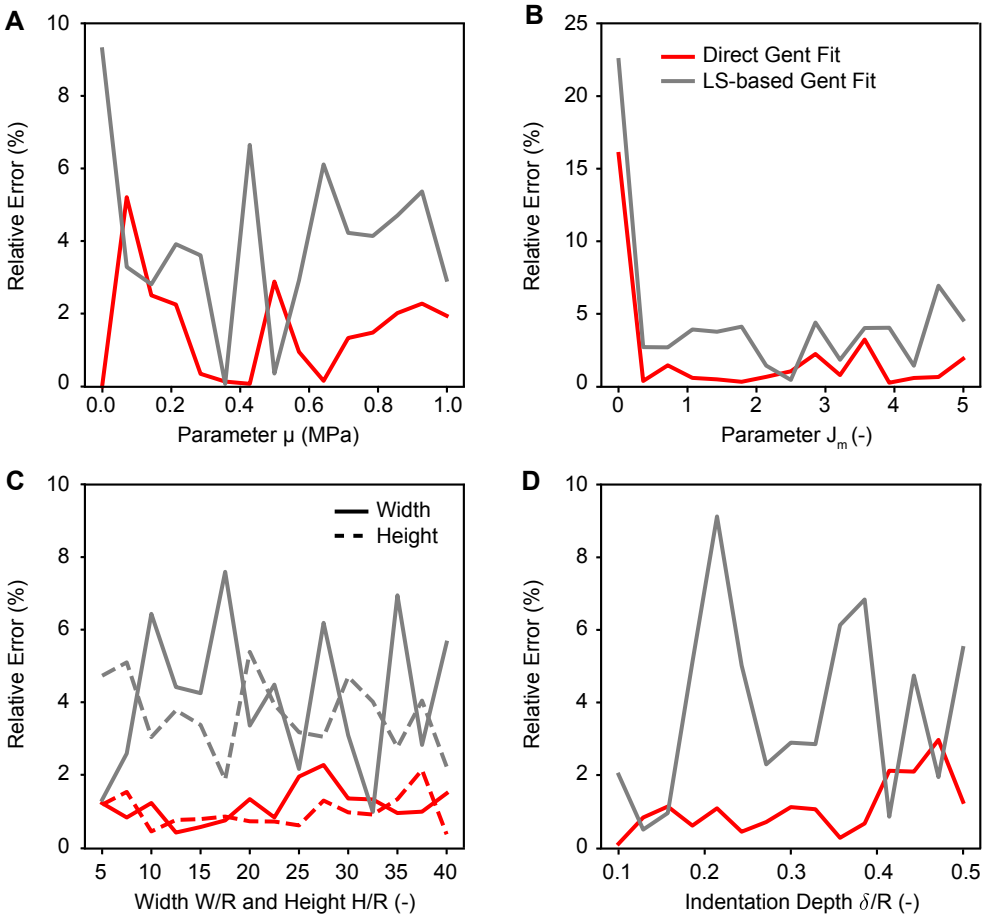

Figure S2: Sensitivity of stiffening parameter J_m identifiability for all methods. The error between the predicted and the ground truth stiffening parameter as a function of A) sample shear modulus, B) stiffening parameter, C) sample width and height, and D) indentation depth.