Supplementary Information (SI) for Nanoscale.

Evidence of the bottom stiffness effect on atomic force microscopy-based cell mechanobiology

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Summary nanomechanical values on HeLa cells

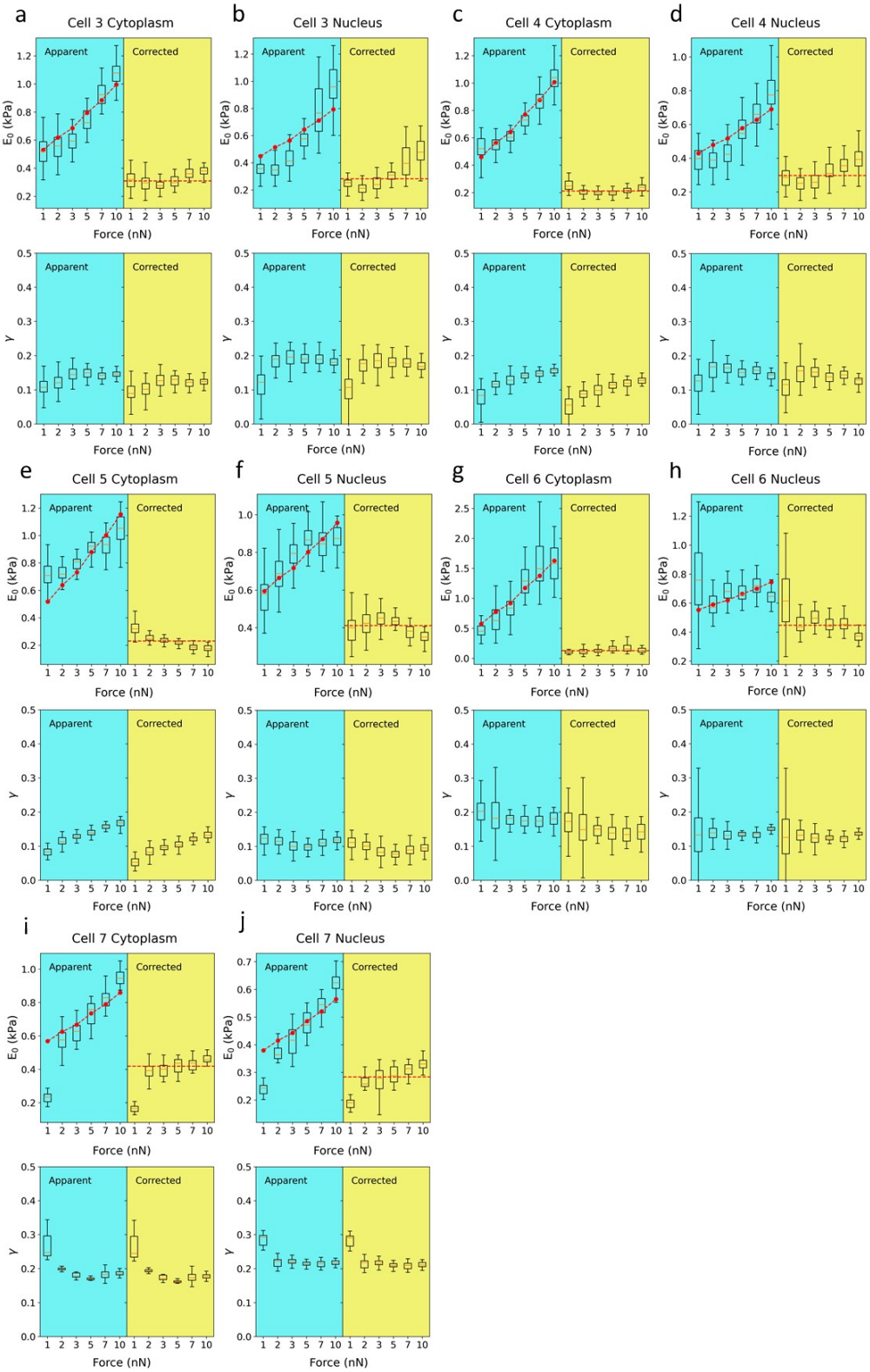

Fig. S1 Apparent and corrected nanomechanical parameters of HeLa cells cultured on a Petri-dish. (a), (b) Modulus and fluidity coefficients obtained over a cytoplasmatic and nuclear regions (cell 3). (c), (d) cell 4. (e), (f) cell 5. (g), (h) cell 6. (i), (j) cell 7. Apparent values were obtained by fitting the force-distance curves with the semi-infinite single power-law rheology model. Corrected values were obtained by fitting the FDCs with the single power-law rheology model that includes bottom-effect corrections.