

Supplementary Figure

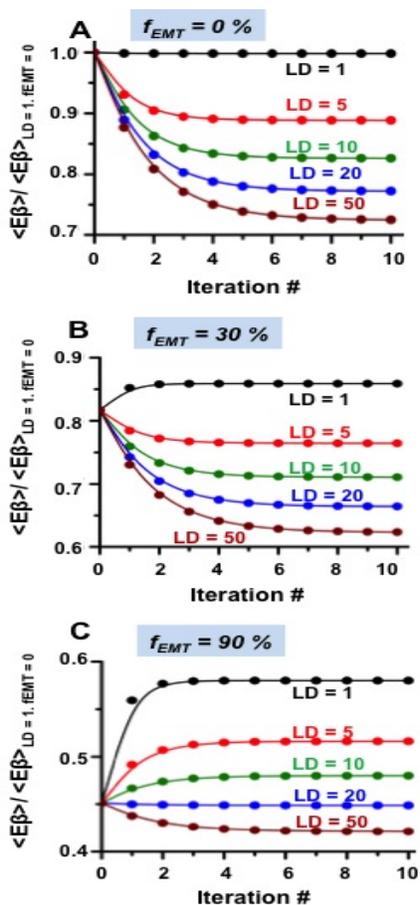


Figure S1: Effect of f_{EMT} on population-level cell scattering. Temporal dynamics of $\langle E\beta \rangle$ at different ligand densities for $f_{EMT} = 0, 30$ and 90% . $\langle E\beta \rangle$ levels were normalized w.r.t $\langle E\beta \rangle$ at $LD = 1$ and $f_{EMT} = 0\%$.

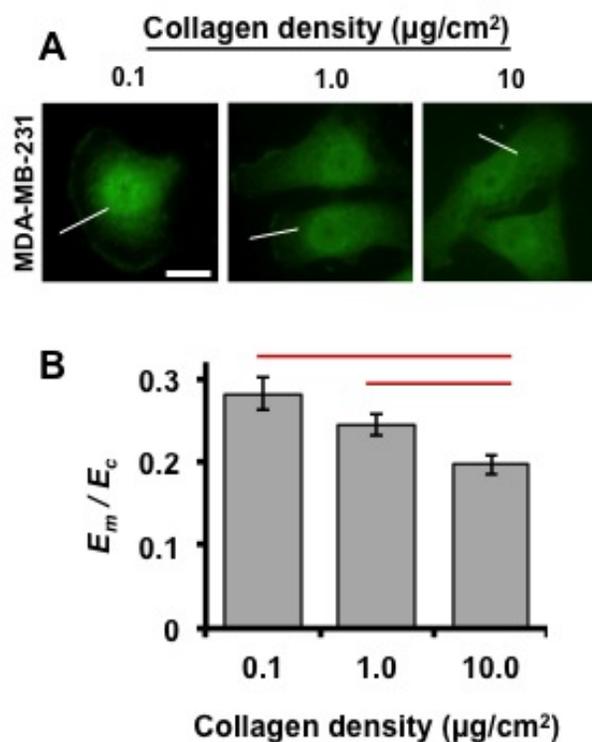


Figure S2: ECM density-dependent E-cadherin localization patterns in MDA-MB-231 human breast cancer cells. (A) MDA-MB-231 cells were cultured sparsely on 0.1, 1.0 and $10 \mu\text{g}/\text{cm}^2$ collagen-coated coverslips for 24 hours. Representative images of cells cultured at different ECM densities stained with E-cadherin antibody. Scale bar = $25 \mu\text{m}$. Line intensities along white lines spanning membrane and cytoplasm were recorded at the three different ECM densities. (C) Ratio of membrane to cytoplasmic E-cadherin levels (i.e., E_m/E_c) at varying ECM densities. Bars indicate statistical significance ($*p < 0.05$).