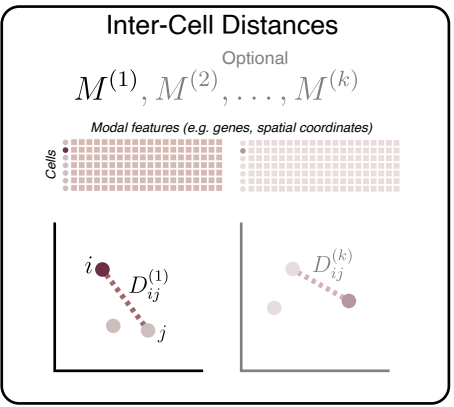
Supp. Figure 1 - CellTRIP Model Training Details



$M^{(k)}$	Modal data
$D^{(k)}, d_{ij}$	Distance for modality and latent space
$X, \vec{x}_i, V, \vec{v}_i$	Cell position and velocity
$E^{(k)}, E_a, E_b, E_s$	Modality, cell, neighbor, and state encoders
$\vec{a}_i, \vec{b}_{ij}$	Cell and neighbor embeddings
$S, \vec{s}_i, \Delta V, \Delta\vec{v}_i$	State and action vectors and matrices
Σ	User-defined model randomness
$\pi_{\hat{\theta}}$	Trained policy
ϕ	Perturbation