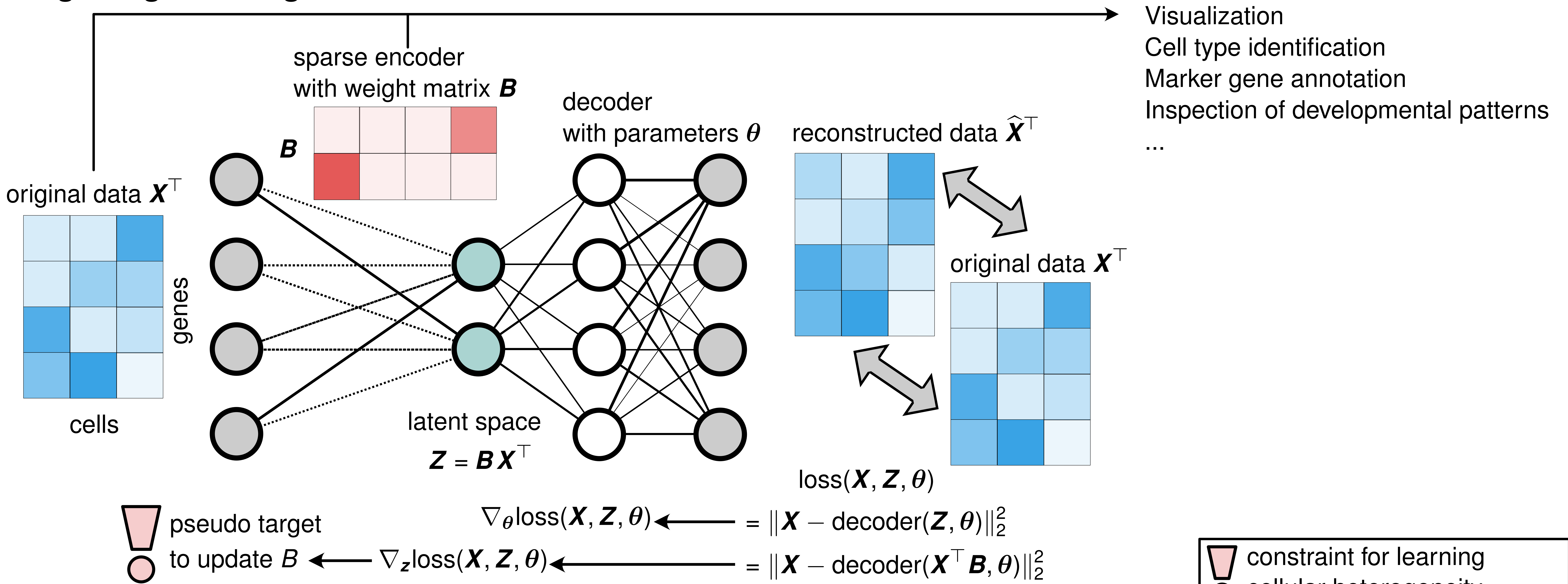
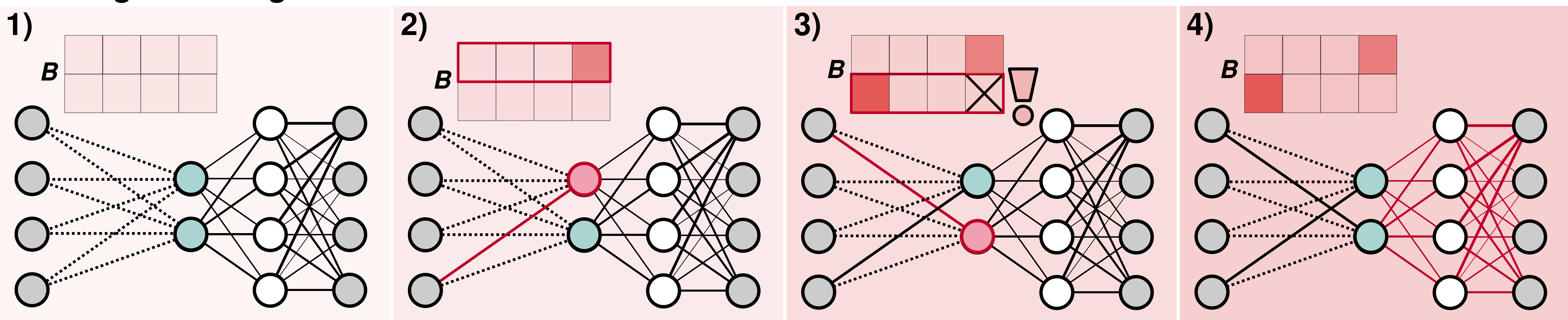


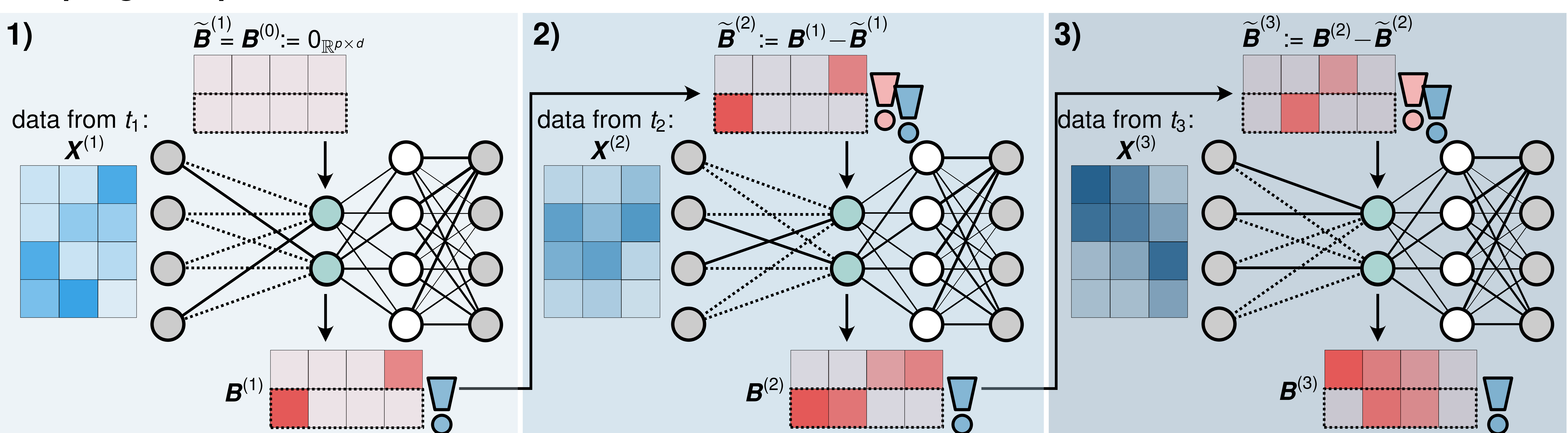
# Integrating boosting in an autoencoder



## Learning disentangled dimensions



## Coupling time points



after training is done:  $\mathbf{B} := (\tilde{\mathbf{B}}^{(2)}, \dots, \tilde{\mathbf{B}}^{(N+1)})$ ,  $f_{\text{enc}}^{\text{timeBAE}}(\mathbf{x}; \mathbf{B}) := \mathbf{B}^\top \mathbf{x}$