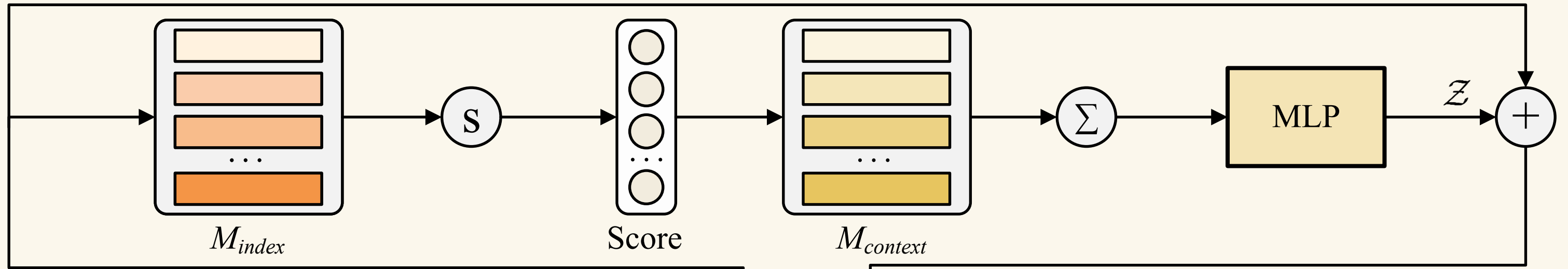
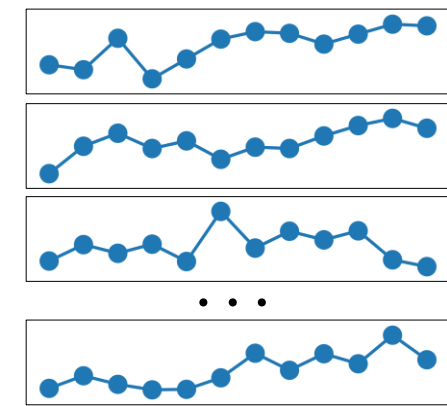


Latent space structure



Learned feature \mathbb{Z}

Updated feature $\hat{\mathbb{Z}}$



Node 1
Node 2
Node 3
...
Node N

\mathbb{X}

$\text{Norm}(\mathbb{X}|\gamma, \beta_{in})$

$\hat{\mathbb{X}}$

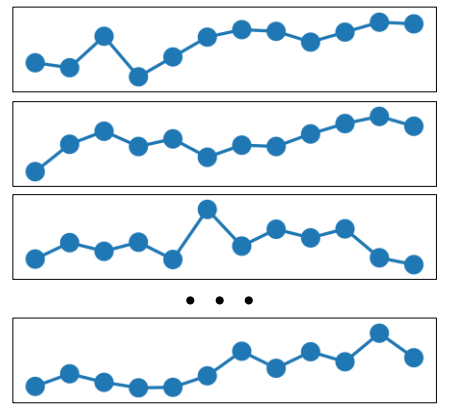
$E_{\theta}(\hat{\mathbb{X}})$

$D_{\theta}(\hat{\mathbb{Z}})$

\mathbb{Y}

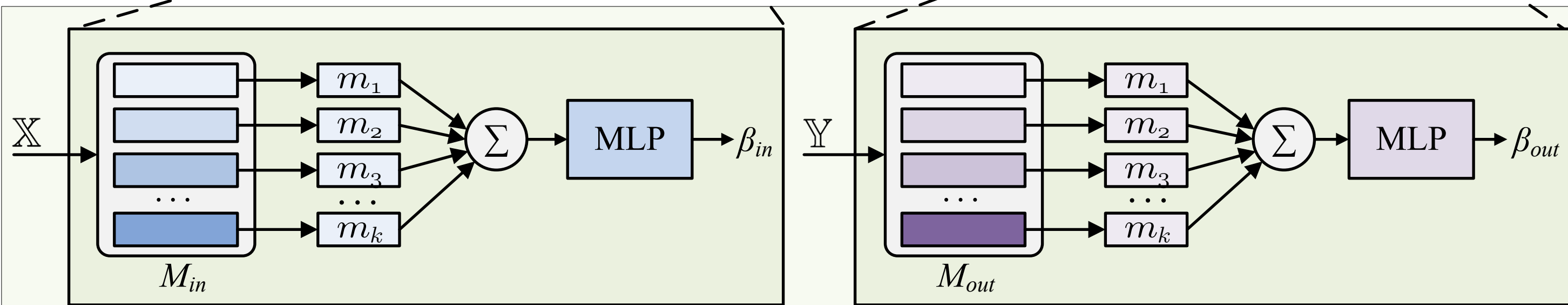
$\text{DeNorm}(\mathbb{Y}|\gamma, \beta_{out})$

$\hat{\mathbb{Y}}$



Node 1
Node 2
Node 3
...
Node N

Backbone



Input space structure

Legend

S

Softmax

Σ

Weighted
sum

$+$

Element-wise
sum