

$$\mathbf{Z} = \mathbf{X}\mathbf{W}$$

$$\tilde{\mathbf{Z}} = \mathbf{Z} - \frac{1}{m} \sum_{i=1}^m \mathbf{z}_{i,:}$$

$$\hat{\mathbf{Z}} = \frac{\tilde{\mathbf{Z}}}{\sqrt{\epsilon + \frac{1}{m} \sum_{i=1}^m \tilde{\mathbf{Z}}_{i,:}}}$$

$$\mathbf{H} = \max\{0, \gamma \hat{\mathbf{Z}} + \beta\}$$