

Initial images.  $\mathbf{x}^{(\text{id})}$  : Identity source /  $\mathbf{x}^{(\text{attr})}$  : Attribute source

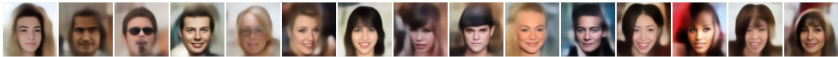
$\mathbf{x}^{(\text{id})}$



$\mathbf{x}^{(\text{attr})}$



DualDis



Baseline  
without  $\mathbf{z}$



Generations from  $(\mathbf{h}_y^{(\text{id})}, \mathbf{h}_z^{(\text{attr})})$  produced by DualDis and the baseline