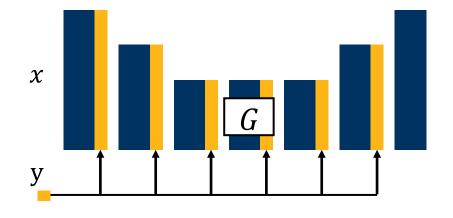


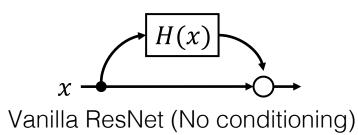
1-hot Concatenation (Input only)

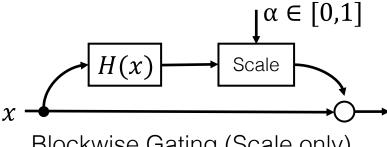


1-hot Concatenation (All layers)

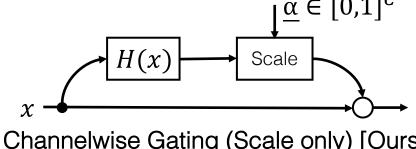
α, β Gated Conditioning [Ours]

Class label injection

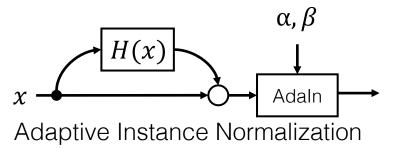


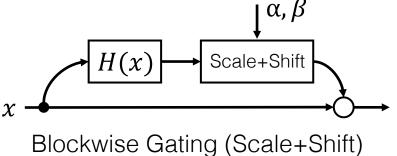


Blockwise Gating (Scale only)



Channelwise Gating (Scale only) [Ours]





Channelwise Gating (Scale+Shift)

Scale+Shift

H(x)

Variants of Conditional Gating