



$A^{(l)} = I + \mathbb{E}_H(\alpha^{(l)})$ $E_{\text{RawAtt}} = \mathbb{E}_H(\alpha^{(L)})$ $E_{\text{Rollout}} = A^{(1)} \cdot A^{(2)} \dots A^{(L)}$	$A^{(l)} = \mathbb{E}_H(\nabla \alpha^{(l)} \odot \alpha^l)$ $E_{\text{Grads}} = \mathbb{E}_H(\nabla \alpha^{(L)})$ $E_{\text{AttGrads}} = A^{(1)} + \dots + A^{(L)}$	$A^{(l)} = I + \mathbb{E}_H(\nabla \alpha^{(l)} \odot R^{(l)})^+$ $E_{\text{PartialLRP}} = \mathbb{E}_H(R^{(L)})$ $E_{\text{TransAtt}} = A^{(1)} \cdot A^{(2)} \dots A^{(L)}$	$A_1^{(l)} = \mathbb{E}_H(\nabla h^{(l)} \odot h^{(l)})$ $A_2^{(l)} = \mathbb{E}_H(\alpha^{(l)} \odot (\nabla h^{(l)} \odot h^{(l)}))$ $E_{\text{CAT}} = A_1^{(1)} + \dots A_1^{(l)} + \dots + A_1^{(L)}$ $E_{\text{AttCAT}} = A_2^{(1)} + \dots A_2^{(l)} + \dots + A_2^{(L)}$
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