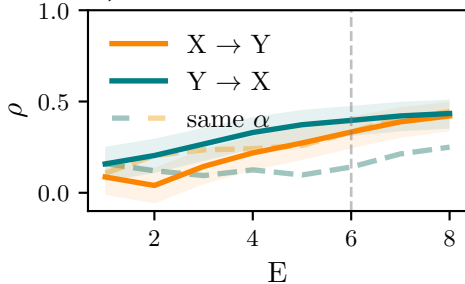


**a)**  $\alpha_1 = 2.8\text{e-}3, \alpha_2 = 2.8\text{e-}4$



**b)**  $\alpha_1 = 2.8\text{e-}5, \alpha_2 = 2.8\text{e-}4$

