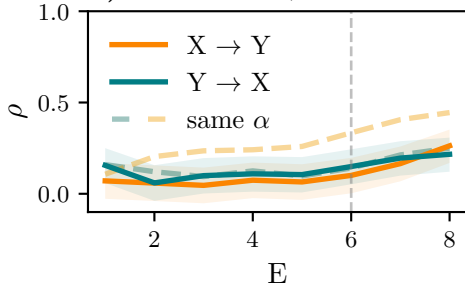


**a)**  $\alpha_1 = 2.8\text{e-}4$ ,  $\alpha_2 = 2.8\text{e-}3$



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

