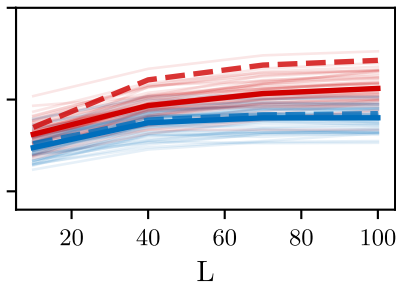
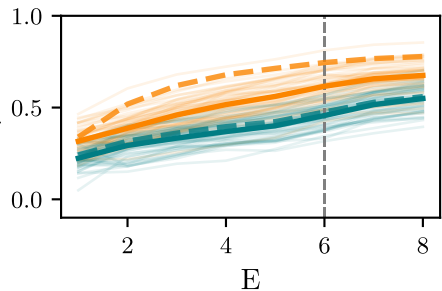
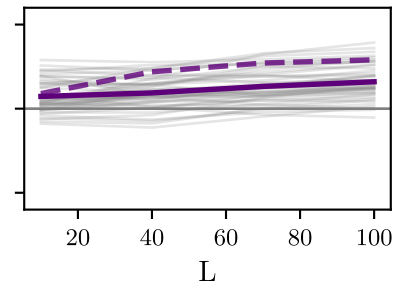
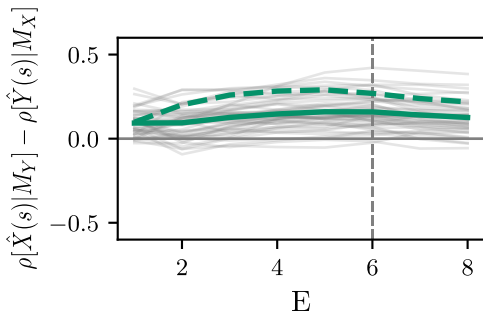


a)

$$\alpha_1/\alpha_2 = 0.1$$



— $X \rightarrow Y$ no coupling
— $Y \rightarrow X$ no coupling
- - moderate coupling

b)

— no coupling
- - moderate coupling