

Figure S8 The relationship between $H$ and $\rho$ under the condition of $\xi_{1}^{\prime}, \xi_{2}^{\prime}, \xi_{\mathrm{x}}^{\prime}$ and $S$ separately. $n=100, S=52, \xi_{1}^{\prime}=52, \xi_{2}^{\prime}=52, \xi_{x}^{\prime}=52$. The open circles represent the mean of all $H$ for each $\rho \in[10,400]$.

