



Figure S1. Predicted signaling strengths with different Kh values, showing that changing the value of Kh from 1 to 10 (with step size 0.01) does not significantly affect the relative signaling strengths (i.e. the order of signaling strength) of communication edges. **(A)** Dot plot showing the predicted signaling strengths of the synthetic data. Each interaction contains two genes with random expression values between 0 to 5. **(B)** Dot plot showing the predicted signaling strengths of four zebrafish gene interactions. The corresponding gene expression data is obtained from Tatarakis et al. 2021.