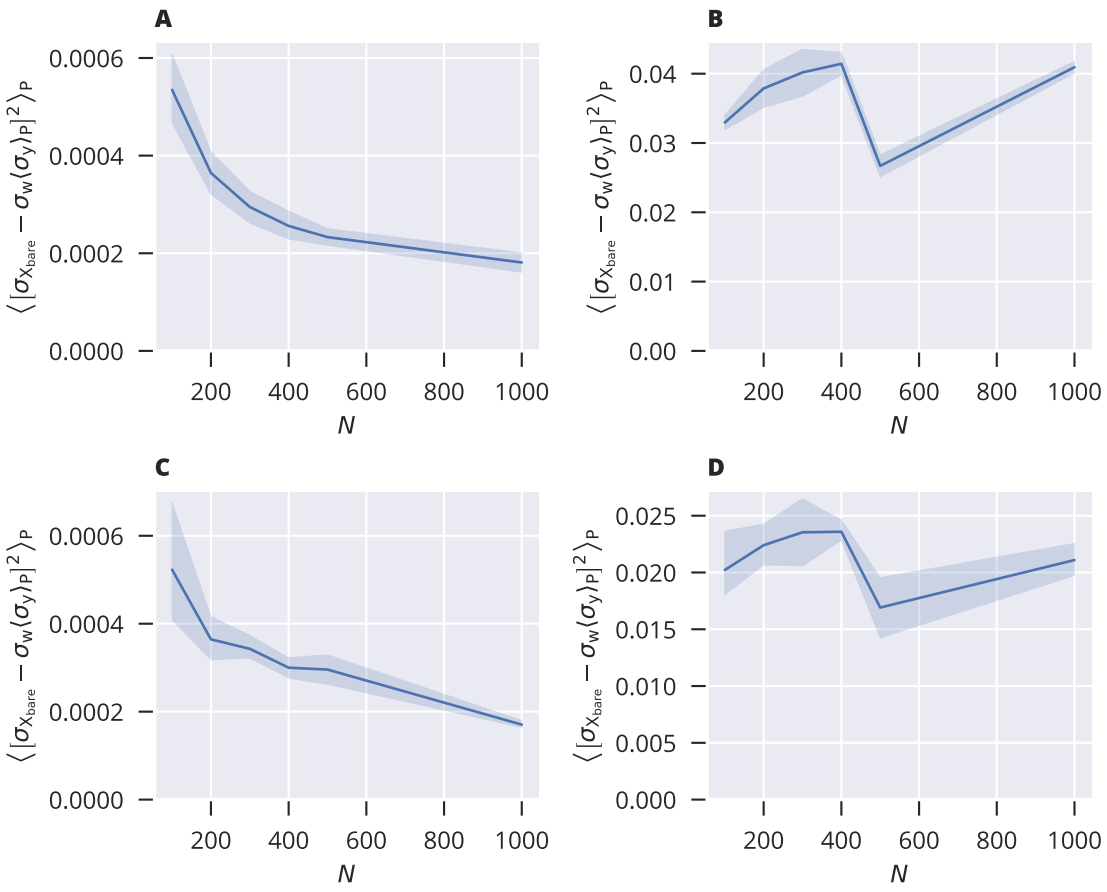

Figure 1: Mean squared error between $\sigma_{\mathrm{X_{bare,i}}} = \mathrm{Std}[\sum_j W_{ij} y_j(t)]_t$ and $\sigma_{\mathrm{w},i}\sigma_{\mathrm{y}}$. $\sigma_{\mathrm{ext}} = 0.5$. **A**: Homogeneous independent gaussian input. **B**: Homogeneous identical binary input. **C**: Heterogeneous independent gaussian input. **D**: Heterogeneous identical binary input.