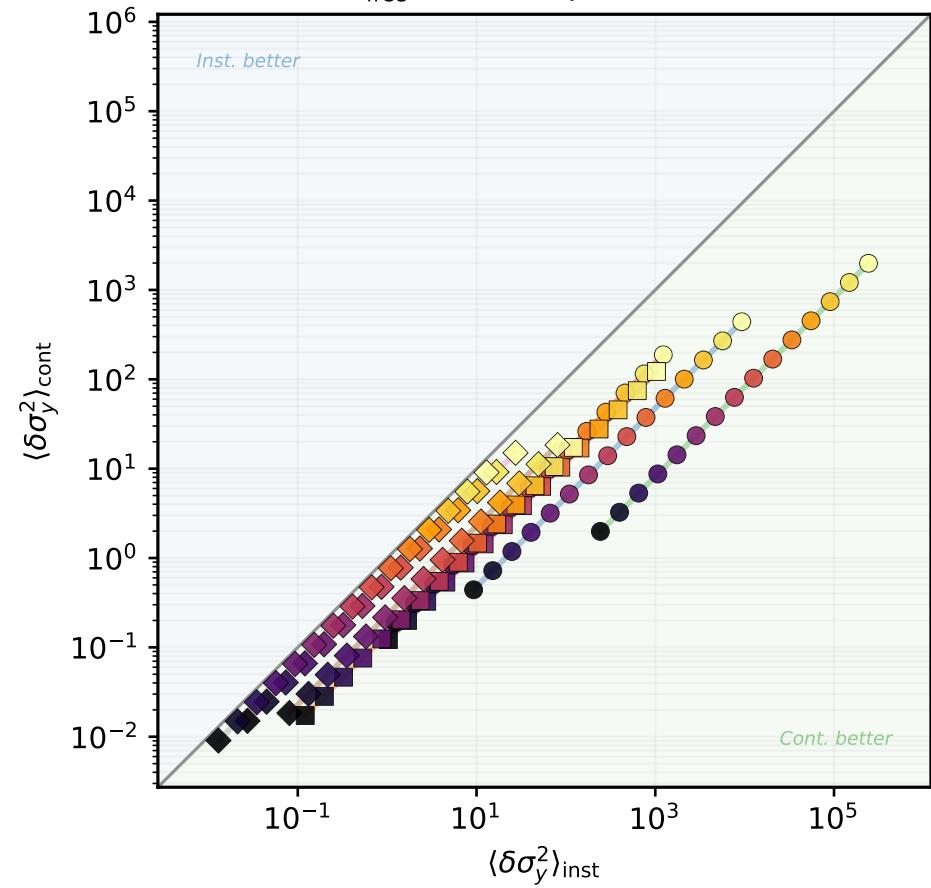


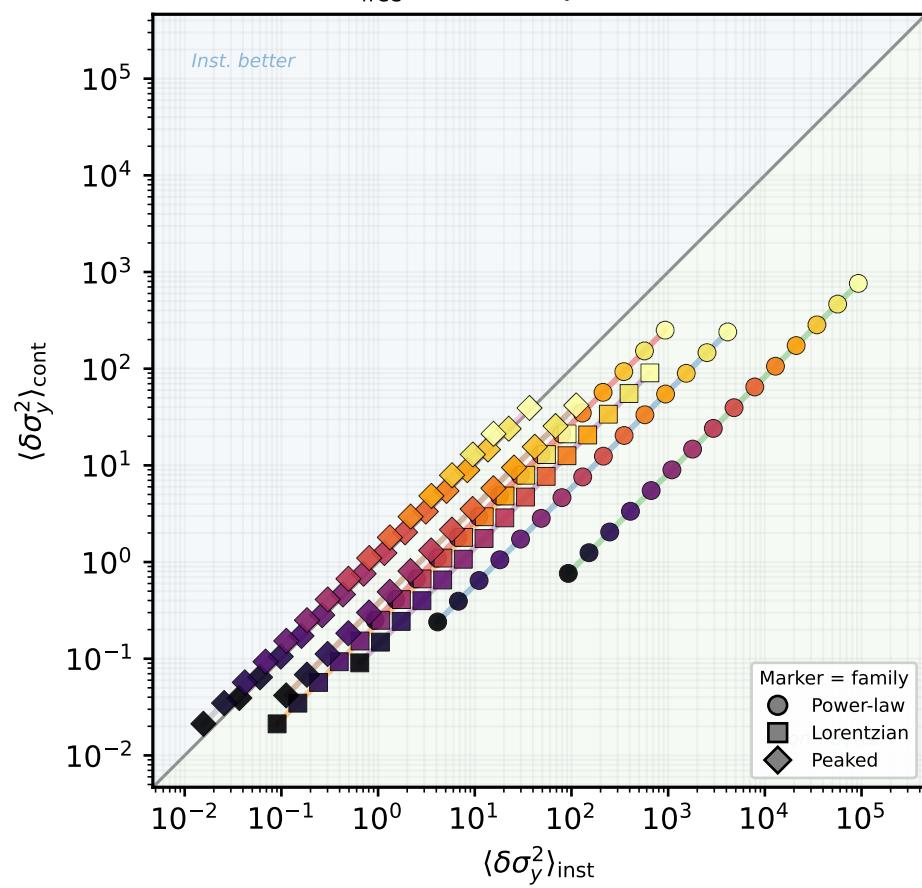
$\langle \delta\sigma_y^2 \rangle$: Instantaneous vs Continuous

Fixed $T = 6.28$, $\Omega = 6.28$, $\delta = 0.25$

Ramsey
 τ_{free} : inst=6.3, cont=5.8



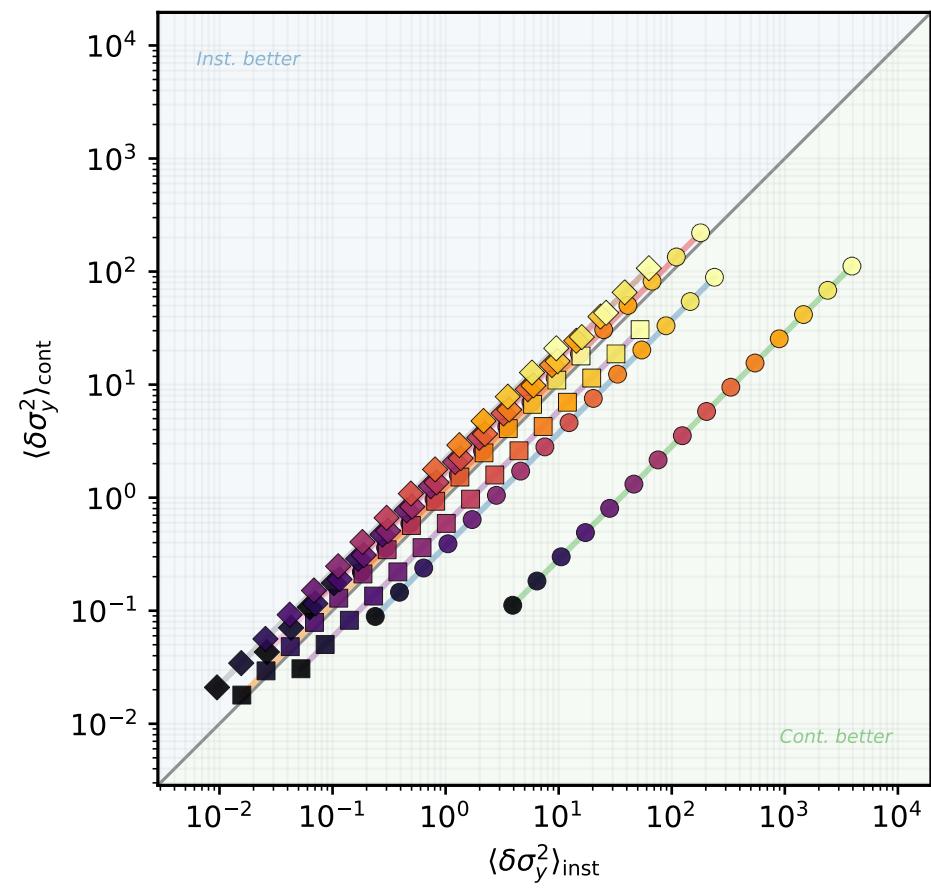
CPMG-1
 τ_{free} : inst=6.3, cont=5.3



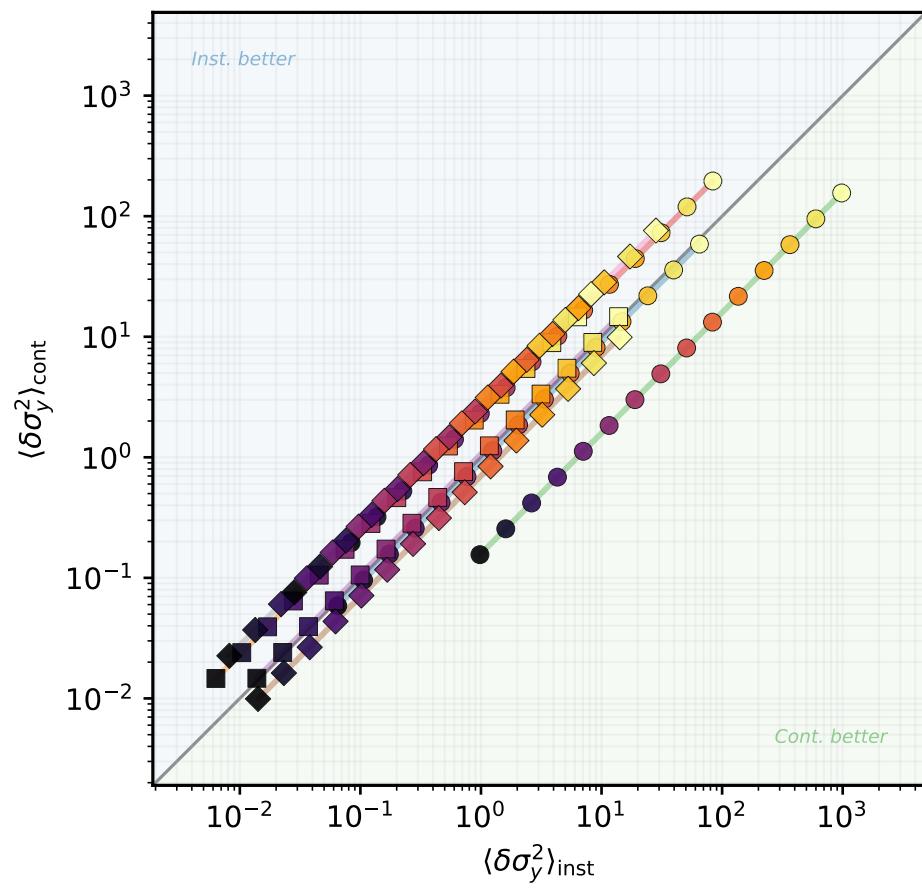
Noise amplitude A

10⁻¹ 10⁰ 10¹ 10²

CPMG-4
 τ_{free} : inst=6.3, cont=3.8



CPMG-8
 τ_{free} : inst=6.3, cont=1.8



Noise amplitude A

10⁻¹ 10⁰

Noise PSD shapes

- | | | | |
|---------|----------------------------|-----------------------------|------------------------|
| ● White | ● $1/f^2$ | ● $\text{Lor } \gamma = 10$ | ● Peak $\omega_0 = 7$ |
| ● $1/f$ | ● $\text{Lor } \gamma = 1$ | ● Peak $\omega_0 = 2$ | ● Peak $\omega_0 = 20$ |