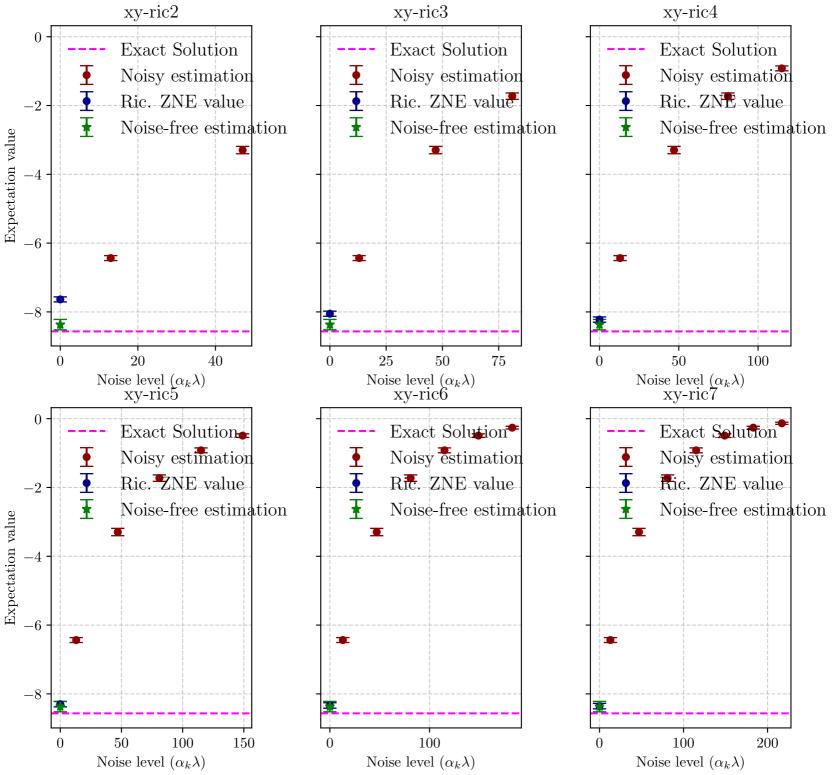
Description	Simulation	$\mathrm{Mean} \pm \mathrm{Std}$
xy-ric2	vqe	-6.43550 ± 0.07145
xy-ric2	redundant (noise=13)	-6.43550 ± 0.07145
xy-ric2	redundant (noise=47)	-3.29514 ± 0.10699
xy-ric2	zne	-7.63623 ± 0.07321
xy-ric2	noiseoff	-8.36934 ± 0.15125
xy-ric3	vqe	-6.43550 ± 0.07145
xy-ric3	redundant (noise=13)	-6.43550 ± 0.07145
xy-ric3	redundant (noise=47)	-3.29514 ± 0.10699
xy-ric3	redundant (noise=81)	-1.72787 ± 0.09369
xy-ric3	zne	-8.05195 ± 0.07442
xy-ric3	noiseoff	-8.36934 ± 0.15125
xy-ric4	vqe	-6.43550 ± 0.07145
xy-ric4	redundant (noise=13)	-6.43550 ± 0.07145
xy-ric4	redundant (noise=47)	-3.29514 ± 0.10699
xy-ric4	redundant (noise=81)	-1.72787 ± 0.09369
xy-ric4	redundant (noise=115)	-0.92017 ± 0.07099
xy-ric4	zne	-8.22268 ± 0.07642
xy-ric4	noiseoff	-8.36934 ± 0.15125
xy-ric5	vqe	-6.43550 ± 0.07145
xy-ric5	redundant (noise=13)	-6.43550 ± 0.07145
xy-ric5	redundant (noise=47)	-3.29514 ± 0.10699
xy-ric5	redundant (noise=81)	-1.72787 ± 0.09369
xy-ric5	redundant (noise=115)	-0.92017 ± 0.07099
xy-ric5	redundant (noise=149)	-0.49237 ± 0.05256
xy-ric5	zne	-8.29966 ± 0.07818
xy-ric5	noiseoff	-8.36934 ± 0.15125
xy-ric6	vqe	-6.43550 ± 0.07145
xy-ric6	redundant (noise=13)	-6.43550 ± 0.07145
xy-ric6	redundant (noise=47)	-3.29514 ± 0.10699
xy-ric6	redundant (noise=81)	-1.72787 ± 0.09369
xy-ric6	redundant (noise=115)	-0.92017 ± 0.07099
xy-ric6	redundant (noise=149)	-0.49237 ± 0.05256
xy-ric6	redundant (noise=183)	-0.26091 ± 0.03978
xy-ric6	zne	-8.33662 ± 0.07942
xy-ric6	noiseoff	-8.36934 ± 0.15125
		C 49550 1 0 054 45
xy-ric7	vqe	-6.43550 ± 0.07145
xy-ric7	redundant (noise=13)	-6.43550 ± 0.07145
xy-ric7	redundant (noise=47)	-3.29514 ± 0.10699
xy-ric7	redundant (noise=81)	-1.72787 ± 0.09369
xy-ric7	redundant (noise=115)	-0.92017 ± 0.07099
xy-ric7	redundant (noise=149)	-0.49237 ± 0.05256
xy-ric7	redundant (noise=183)	-0.26091 ± 0.03978
xy-ric7	redundant (noise=217)	-0.13396 ± 0.03105
xy-ric7	zne	-8.35520 ± 0.08022
xy-ric7	noiseoff	-8.36934 ± 0.15125



XY VQE CONFIGURATION

Parameter	Value	
run	vqe	
nqubits	7	
state	dmatrix	
output.file_name_prefix	xy_noisey_time_evo	
output.draw.status	True	
output.draw.fig_dpi	100	
output.draw.type	png	
observable.def	ising	
observable.coefficients.cn	[0.5, 0.5, 0.5, 0.5, 0.5, 0.5]	
observable.coefficients.bn	[1.0, 1.0, 1.0, 1.0, 1.0, 1.0]	
observable.coefficients.r	1	
ansatz.layer	30	
ansatz.gateset	1	
ansatz.ugate.type	xy-iss	
ansatz.ugate.coefficients.cn	[0.5, 0.5, 0.5, 0.5, 0.5, 0.5]	
ansatz.ugate.coefficients.bn	[0, 0, 0, 0, 0, 0, 0]	
ansatz.ugate.coefficients.r	0	
ansatz.ugate.time.min	0.0	
ansatz.ugate.time.max	10.0	
vqe.iteration	10	
vqe.optimization.status	True	
vqe.optimization.algorithm	SLSQP	
vqe.optimization.constraint	True	
init_param.value	random	
noise_profile.status	True	
noise_profile.type	depolarizing	
noise_profile.noise_prob	[0.001, 0.001, 0.001, 0.001]	
noise_profile.noise_on_init_param.status	False	
noise_profile.noise_on_init_param.value	0	
redundant.identity_factors	[[0, 0, 0, 0], [1, 1, 0, 0]]	
zne.method	richardson	
zne.degree	1	
zne.sampling	default	
zne.data_points		