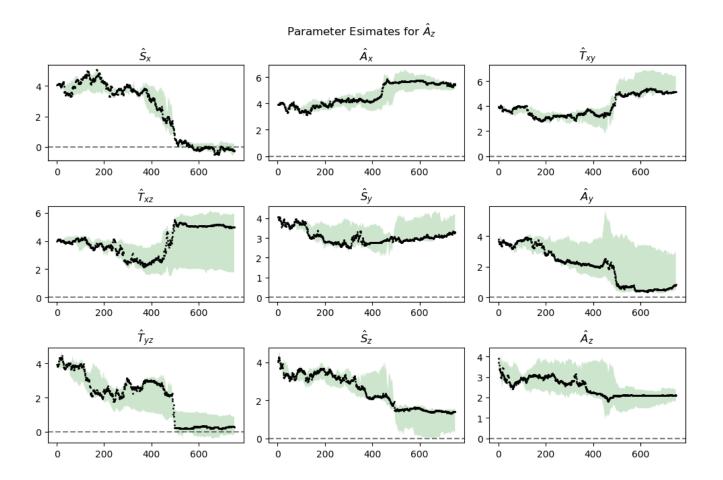
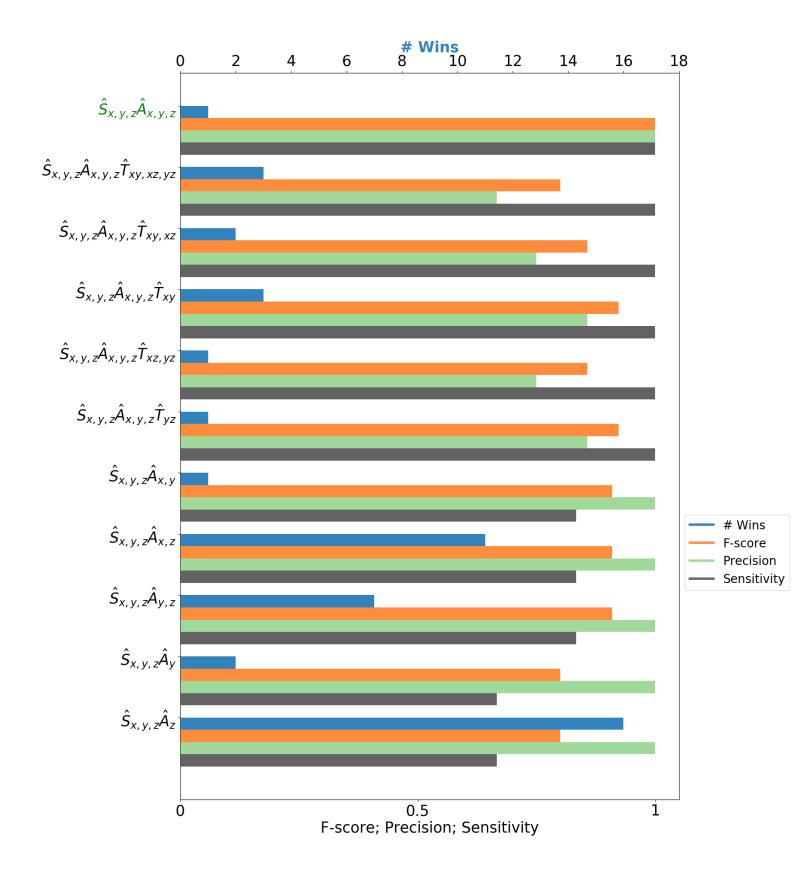
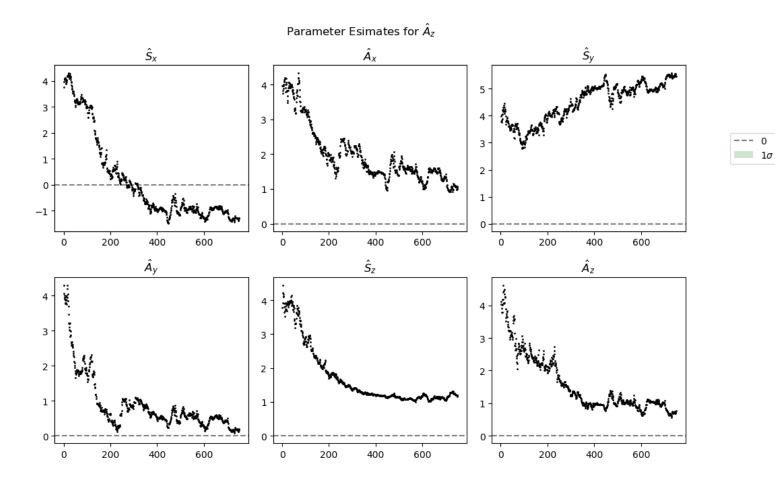
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results_directory:/panfs/panasas01/phys/bf16951/QMD/ParallelDevelopment/Results/Sep_16/17_42
output_file_name : analysis.pdf
num_experiments: 750
num_particles: 2500
num_times_bayes: 750
num_probes: 40
probe_noise_level: 0.001
special_probe_for_learning : dec_13_exp
growth_generation_rule : two_qubit_ising_rotation_hyperfine_transverse
run_description: NV-exp__probe-with-phase__QHL
git commit hash: aaff7013310476af36d4c04910f5b58f0598c1d0
num_tests: 50
resample_threshold: 0.5
resample_a: 0.98
pgh_factor: 1.0
qhl_test:0
multiQHL:0
cumulative_csv :
/panfs/panasas01/phys/bf16951/QMD/ParallelDevelopment/Results/Sep_16/17_42/cumulative.csv
experimental_data: 1
expectation_value_func : hahn_evolution
heuristic: one_over_sigma_then_linspace
probe_generation_function : plus_plus_with_phase_difference
plot_probe_generation_function : plus_probes_dict
```

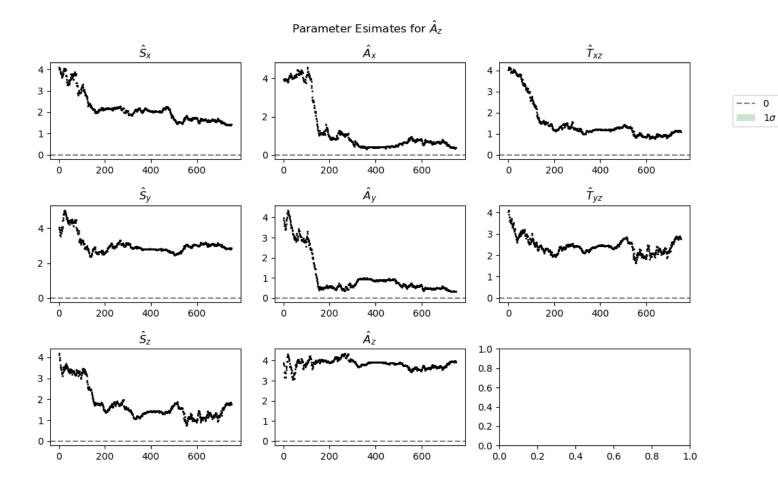
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1σ

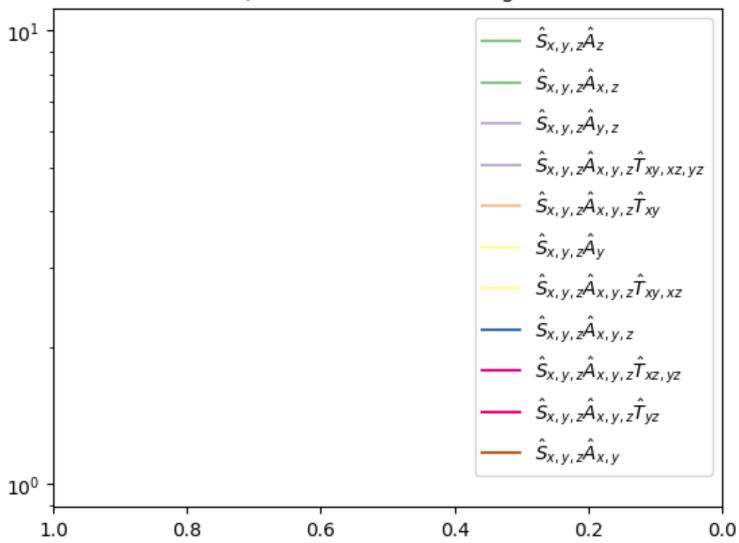


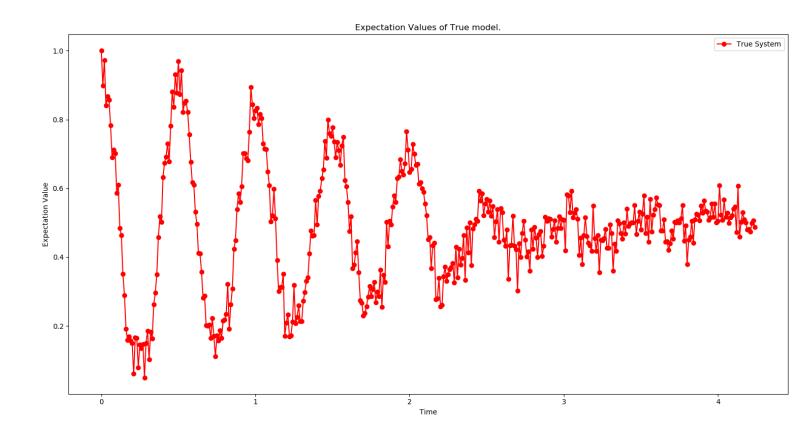


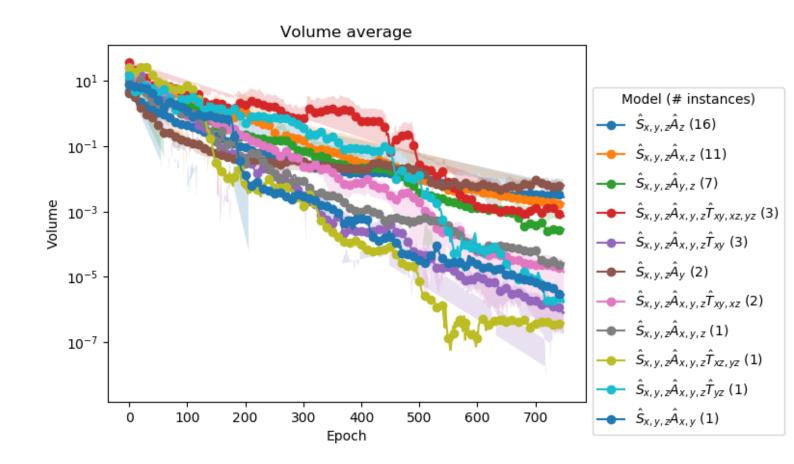




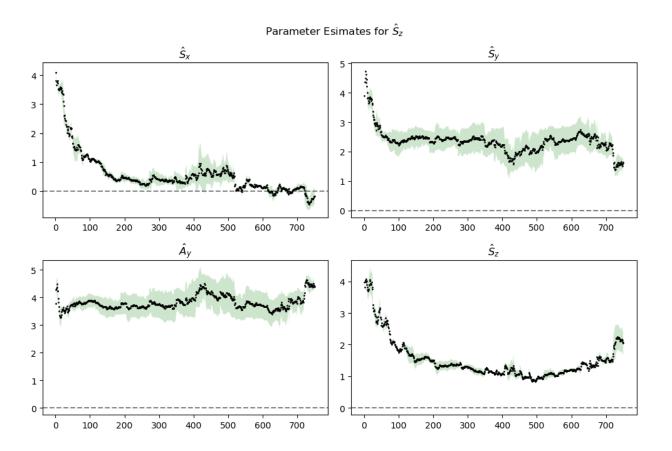
Quadratic Losses Averages



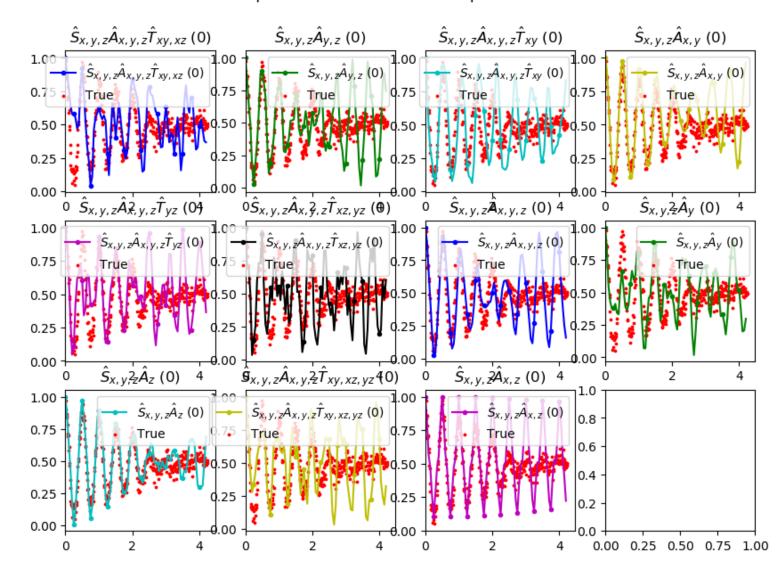


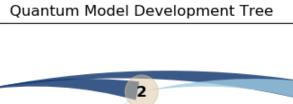


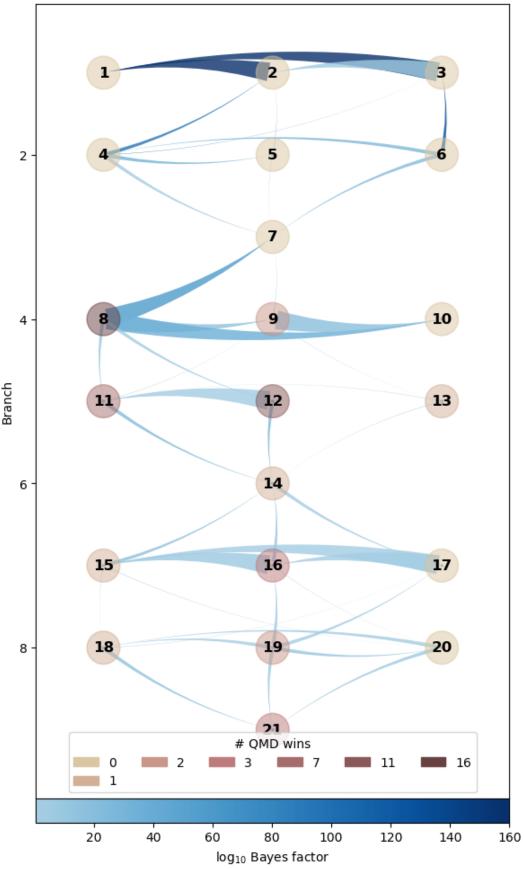
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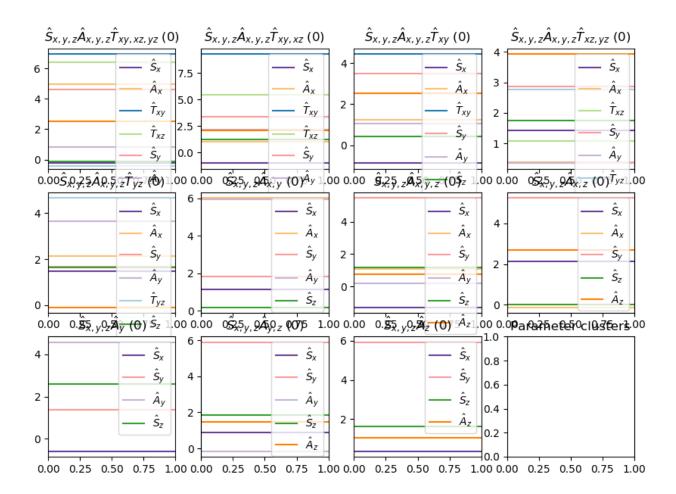
Expectation Value of clustered parameters.

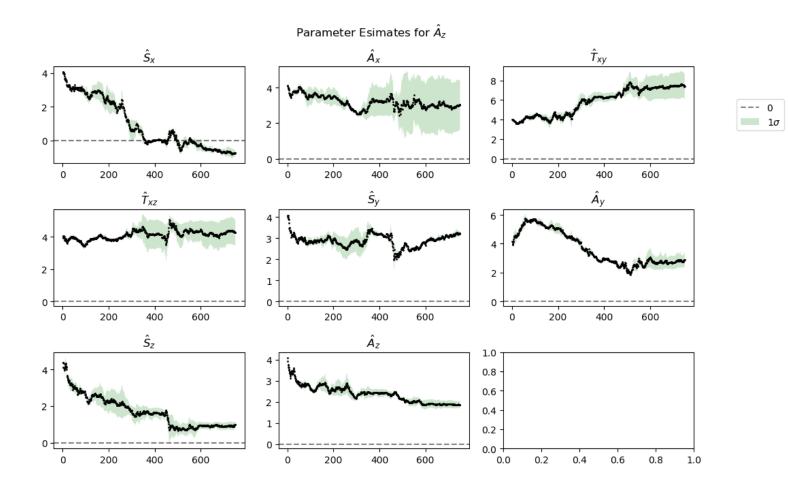


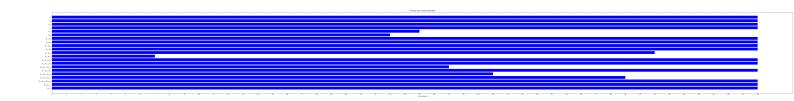


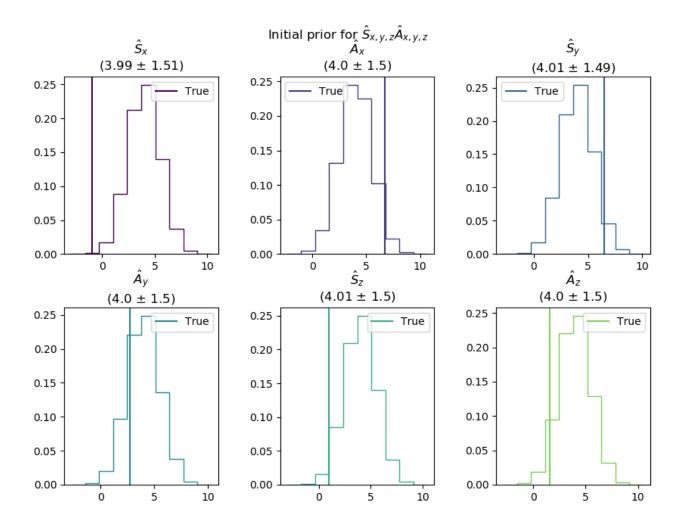


ID	(Wins)	Model
1	(0)	\hat{S}_{x}
2	(0)	\hat{S}_y
3	(0)	\hat{S}_z
4	(0)	$\hat{S}_{y,z}$
5	(0)	$\hat{S}_{x,y}$
6	(0)	$\hat{S}_{x,z}$
7	(0)	$\hat{S}_{x,y,z}$
8	(16)	$\hat{S}_{x,y,z}\hat{A}_{z}$
9	(2)	$\hat{S}_{x,y,z}\hat{A}_{y}$
10	(0)	$\hat{S}_{x,y,z}\hat{A}_x$
11	(7)	$\hat{S}_{x,y,z}\hat{A}_{y,z}$
12	(11)	$\hat{S}_{x,y,z}\hat{A}_{x,z}$
13	(1)	$\hat{S}_{x,y,z}\hat{A}_{x,y}$
14	(1)	$\hat{S}_{x,y,z}\hat{A}_{x,y,z}$
15	(1)	$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{yz}$
16	(3)	$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy}$
17	(0)	$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xz}$
18	(1)	$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xz,yz}$
19	(2)	$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy,xz}$
20	(0)	$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy,yz}$
21	(3)	$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy,xz,yz}$









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