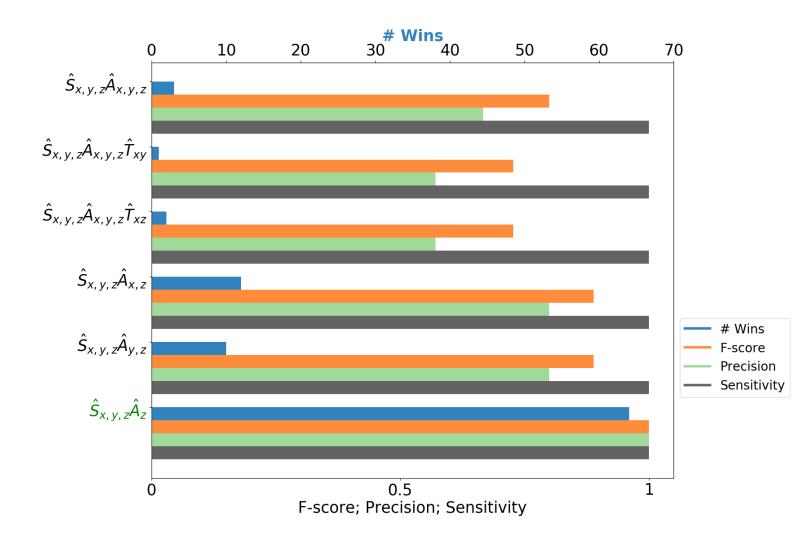
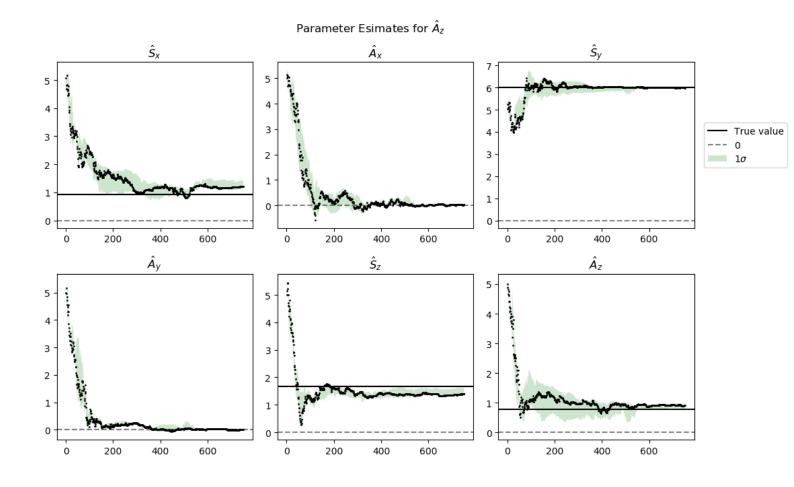
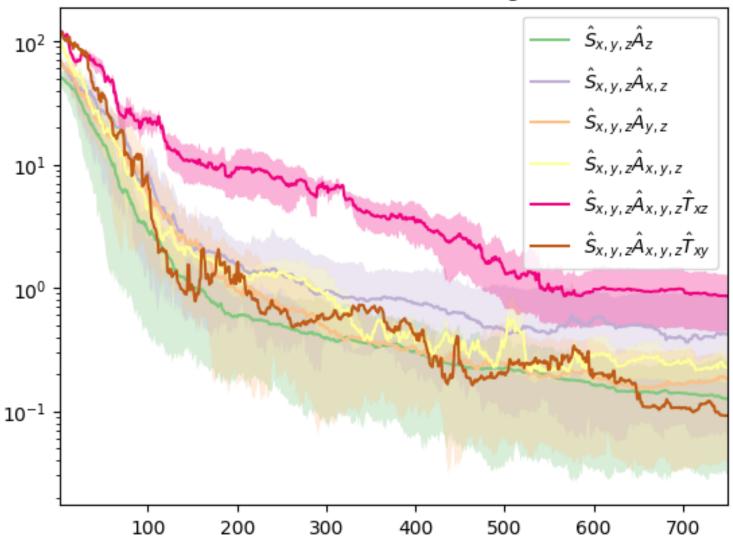
```
results_directory:/panfs/panasas01/phys/bf16951/QMD/ParallelDevelopment/Results/Oct_01/12_46
output_file_name : analysis.pdf
num_experiments: 750
num_particles: 2500
num_times_bayes: 750
num_probes: 40
probe_noise_level: 0.001
special_probe_for_learning : random
growth_generation_rule : NV_alternative_model
run_description: NV-exp-method-sim__random--probe__QMLA
git commit hash: 38cb8a86c4097fa64e78884927ec04e306f56605
num_tests: 102
resample_threshold: 0.5
resample_a: 0.98
pgh_factor: 1.0
log_file : qmd.log
qhl_test:0
multiQHL:0
cumulative_csv :
/panfs/panasas01/phys/bf16951/QMD/ParallelDevelopment/Results/Oct_01/12_46/cumulative.csv
experimental_data: 0
expectation_value_func : n_qubit_hahn_evolution
heuristic: one_over_sigma_then_linspace
probe_generation_function : separable_probe_dict
```

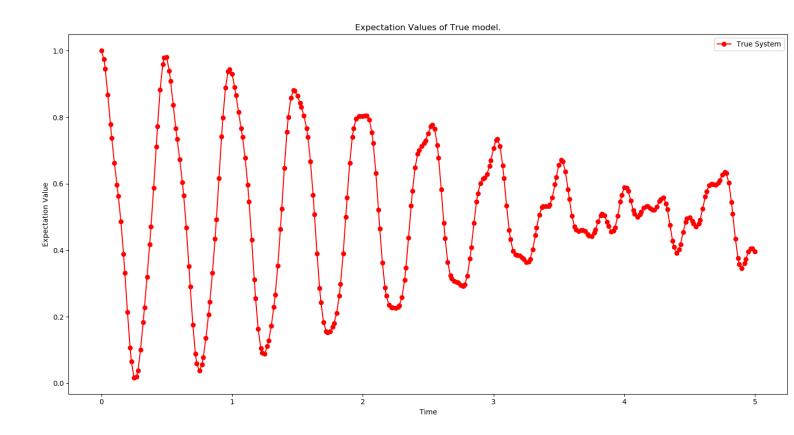
plot\_probe\_generation\_function: plus\_probes\_dict

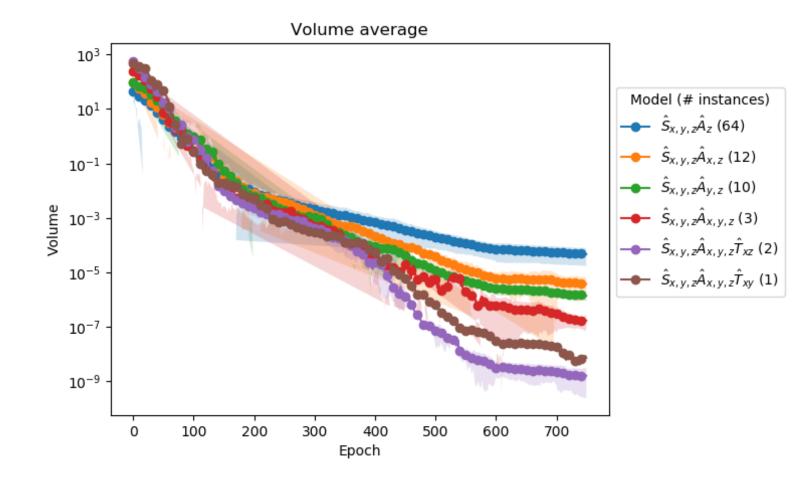




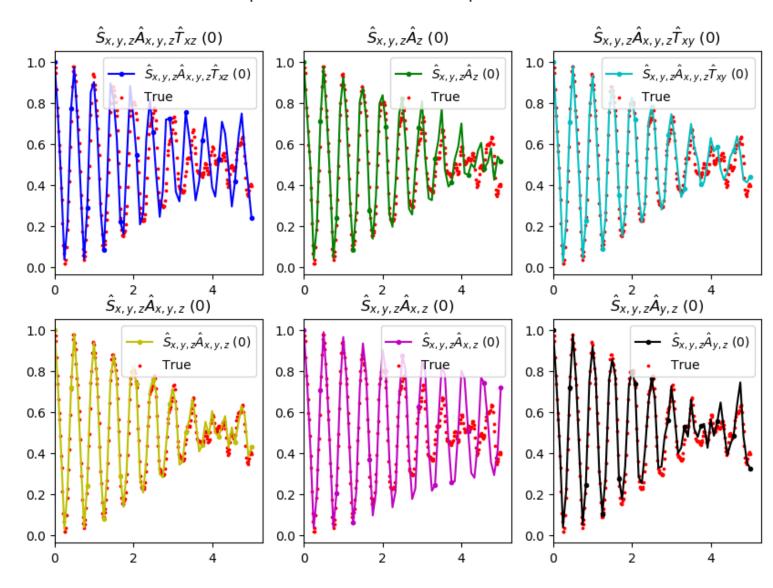
#### Quadratic Losses Averages

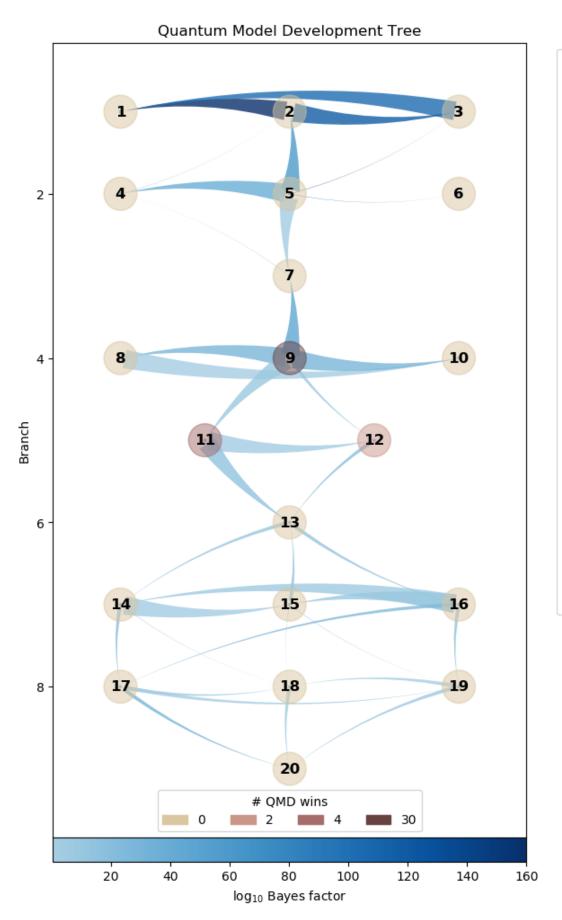




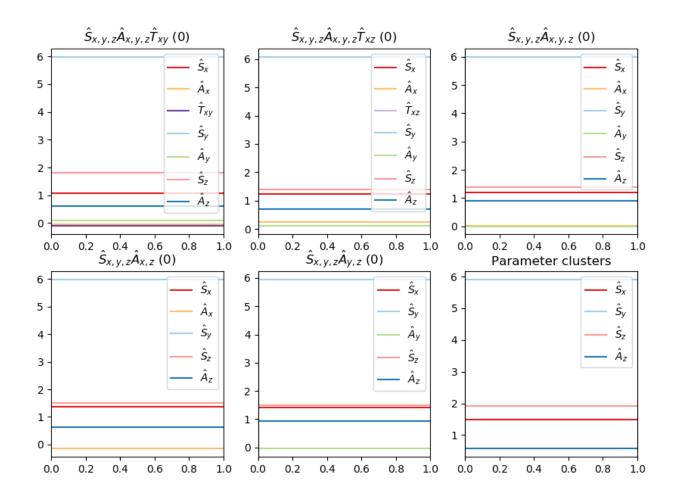


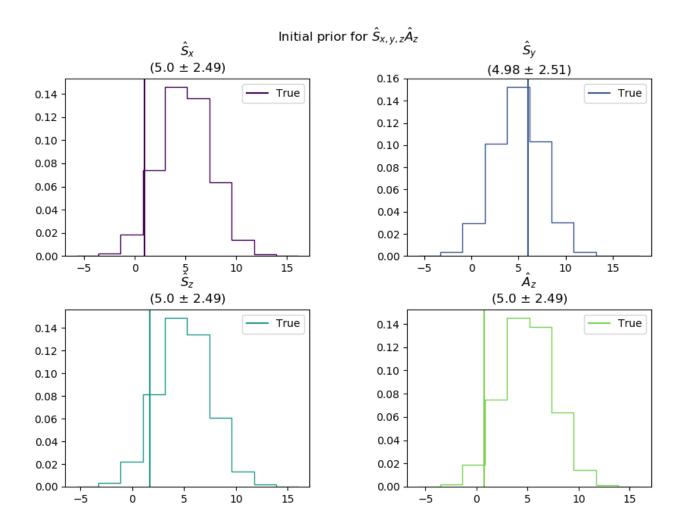
Expectation Value of clustered parameters.





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





True value

--- 0

1σ

