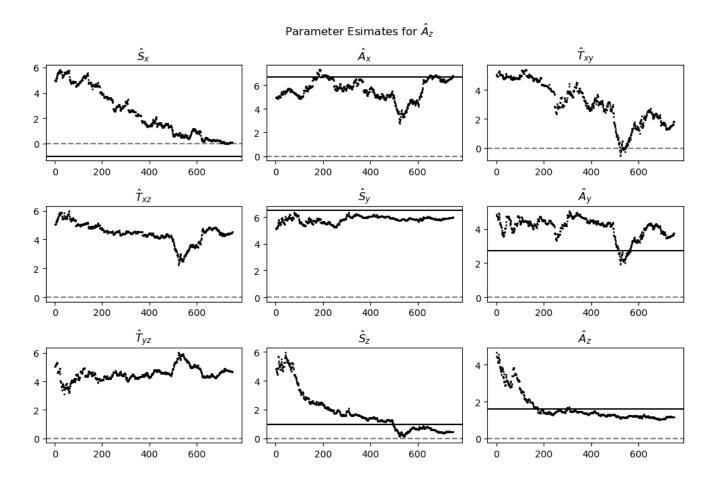
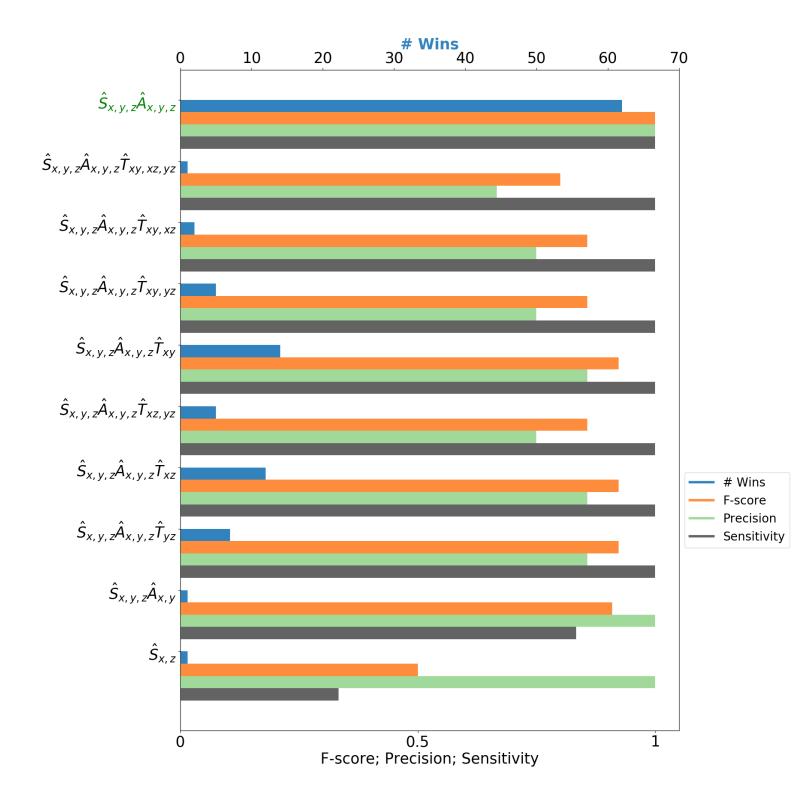
```
results_directory:/panfs/panasas01/phys/bf16951/QMD/ParallelDevelopment/Results/Sep_12/18_27
output_file_name : analysis.pdf
num_experiments: 750
num_particles: 2500
num_times_bayes: 750
num_probes: 40
probe_noise_level: 0.001
special_probe_for_learning : random
growth_generation_rule : two_qubit_ising_rotation_hyperfine_transverse
run_description: PAPER-DATA_long-run_sim-data-pr-probe
git_commit_hash: 538e83805ce1028a9ab5ee8be01f7b283ae2d3db
num_tests: 115
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_12/18_27/cumulative.csv
experimental_data: 0
expectation_value_func : n_qubit_hahn_evolution
heuristic: one_over_sigma_then_linspace
probe_generation_function : NV_centre_ising_probes_plus
```

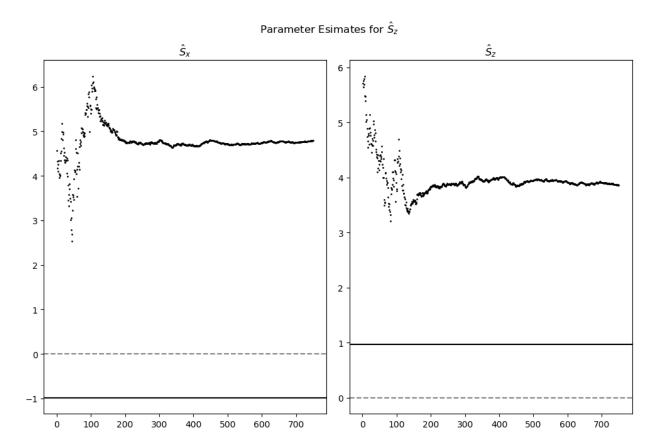
plot_probe_generation_function : plus_probes_dict

--- o

1σ



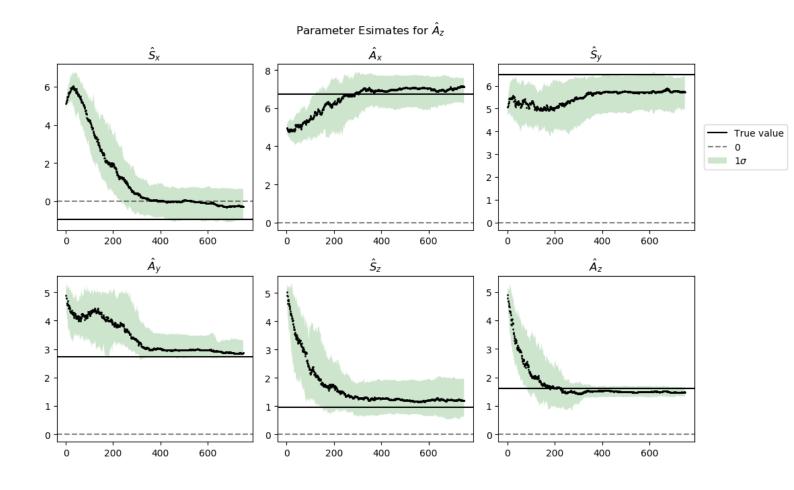


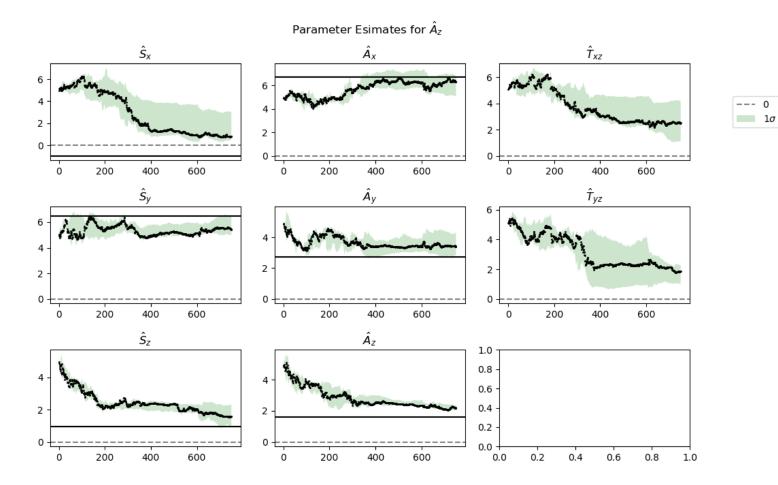


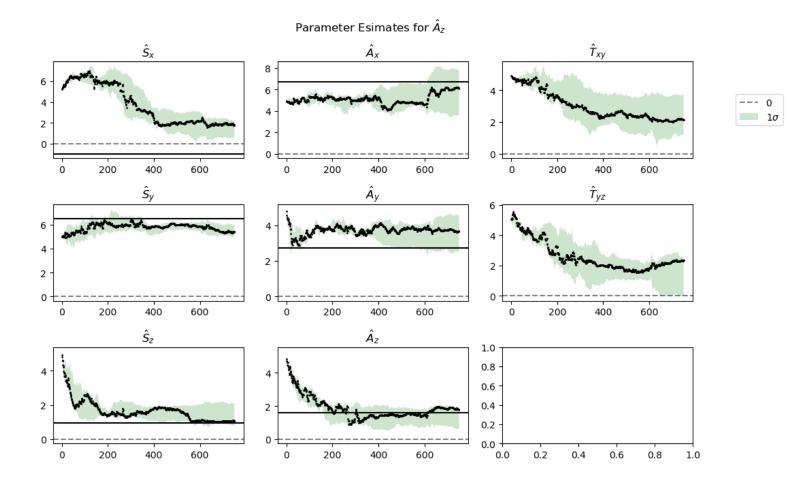


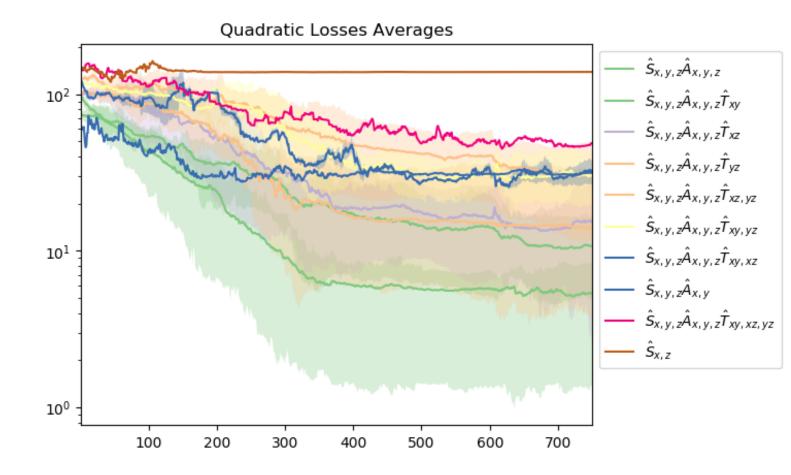
True value

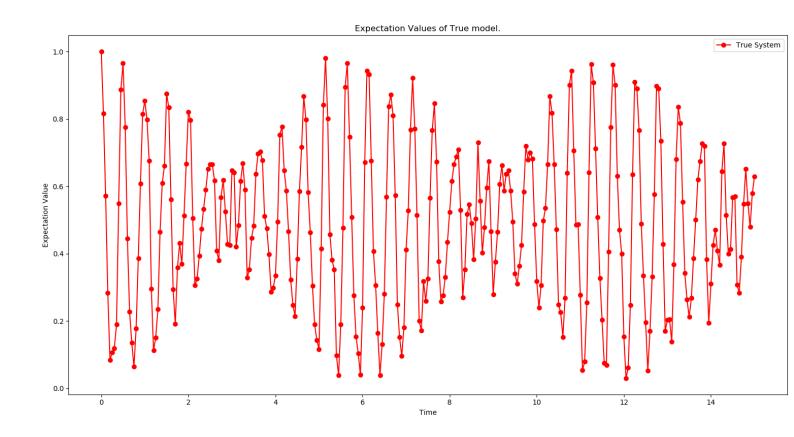
--- 0 == 1σ

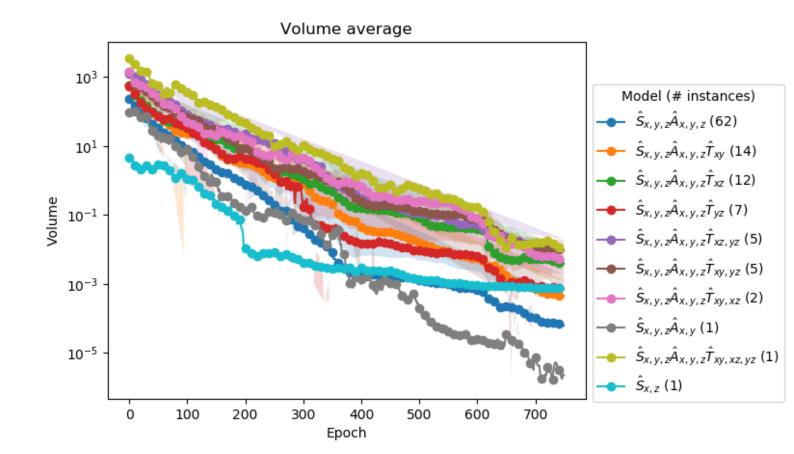




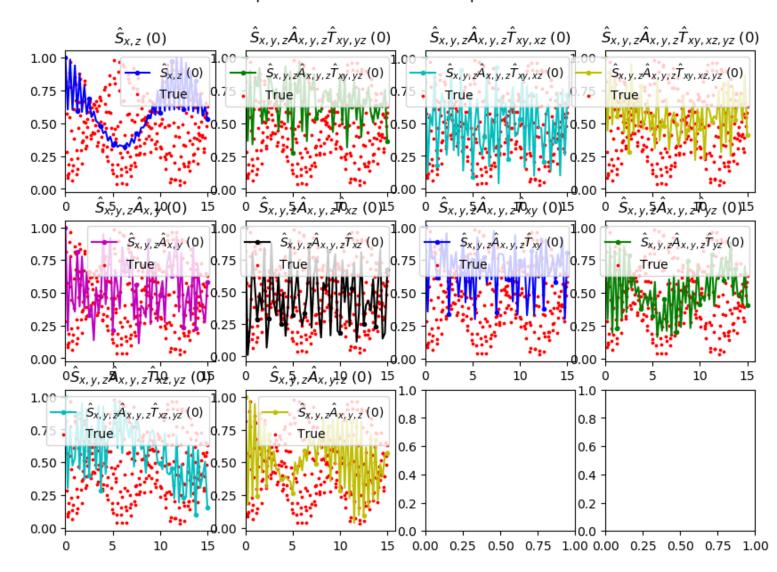


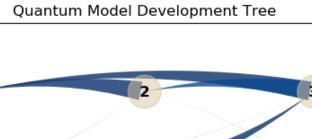


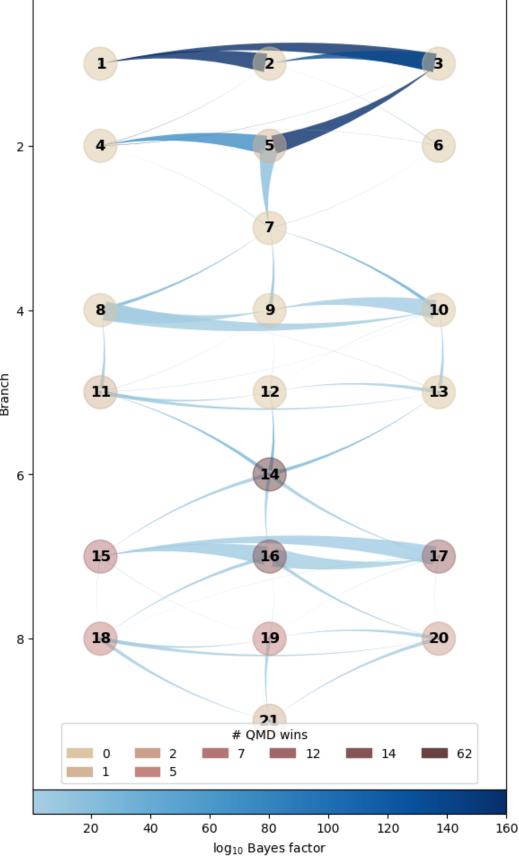




Expectation Value of clustered parameters.







| 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 | (1) | $\hat{S}_{x,z}$ |
| 6 | (0) | $\hat{S}_{x,y}$ |
| 7 | (0) | $\hat{S}_{x,y,z}$ |
| 8 | (0) | $\hat{S}_{x,y,z}\hat{A}_x$ |
| 9 | (0) | $\hat{S}_{x,y,z}\hat{A}_{y}$ |
| 10 | (0) | $\hat{S}_{x,y,z}\hat{A}_z$ |
| 11 | (1) | $\hat{S}_{x,y,z}\hat{A}_{x,y}$ |
| 12 | (0) | $\hat{S}_{x,y,z}\hat{A}_{y,z}$ |
| 13 | (0) | $\hat{S}_{x,y,z}\hat{A}_{x,z}$ |
| 14 | (62) | $\hat{S}_{x,y,z}\hat{A}_{x,y,z}$ |
| 15 | (7) | $\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{yz}$ |
| 16 | (14) | $\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy}$ |
| 17 | (12) | $\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xz}$ |
| 18 | (5) | $\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy,yz}$ |
| 19 | (5) | $\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xz,yz}$ |
| 20 | (2) | $\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy,xz}$ |
| 21 | (1) | $\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy,xz,yz}$ |
| | | |

