

## QMD Analysis [Sep\_04/10\_08]

results\_directory : /panfs/panasas01/phys/bf16951/QMD/ParallelDevelopment/Results/Sep\_04/10\_08

output\_file\_name : analysis.pdf

num\_experiments : 7

num\_particles : 25

num\_times\_bayes : 7

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 : experimental-run\_\_plur-random-probe\_\_test

git\_commit\_hash : 729f5eeab5e1afa355b9406140952ccec0958af6

num\_tests : 3

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\_04/10\_08/cumulative.csv

experimental\_data : 1

expectation\_value\_func : hahn\_evolution

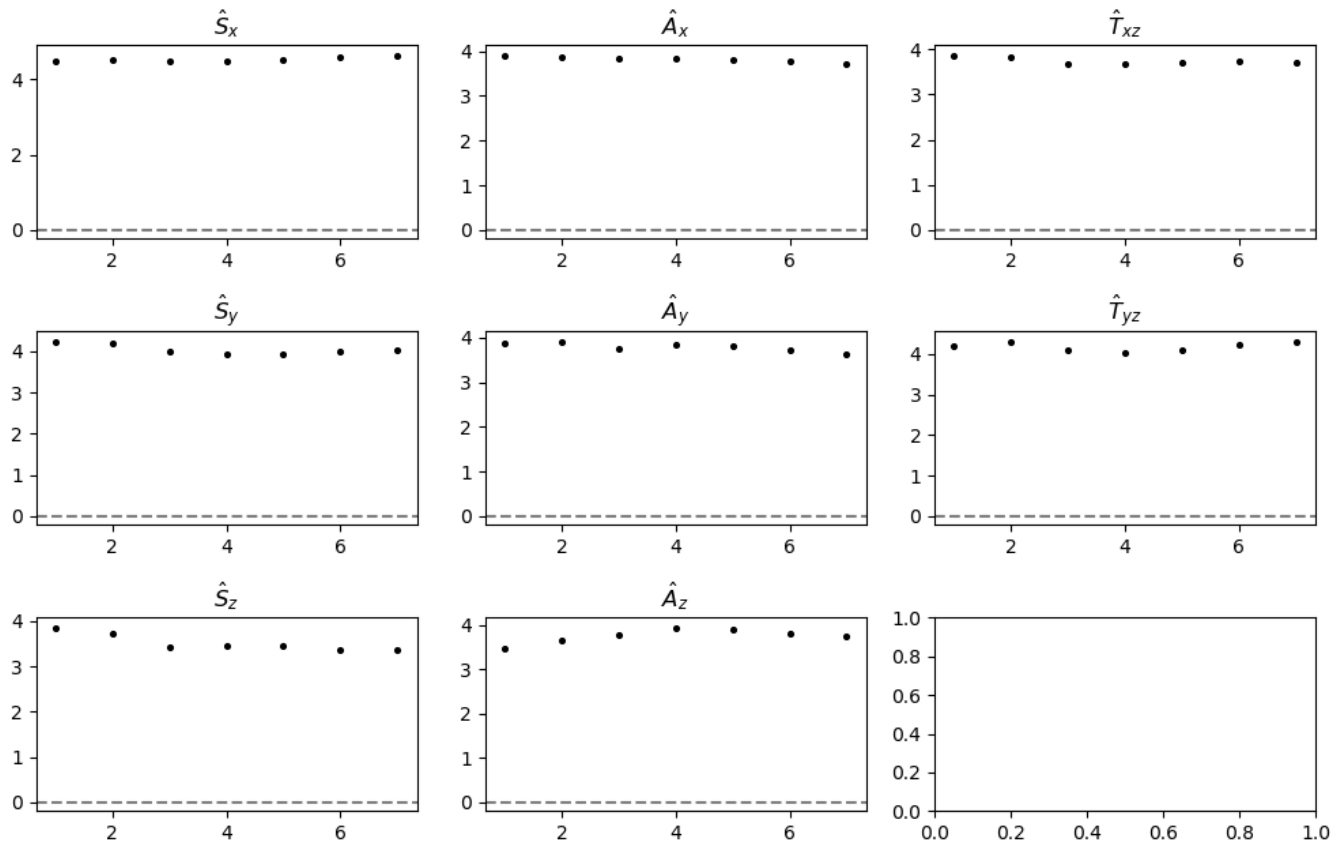
heuristic : one\_over\_sigma\_then\_linspace

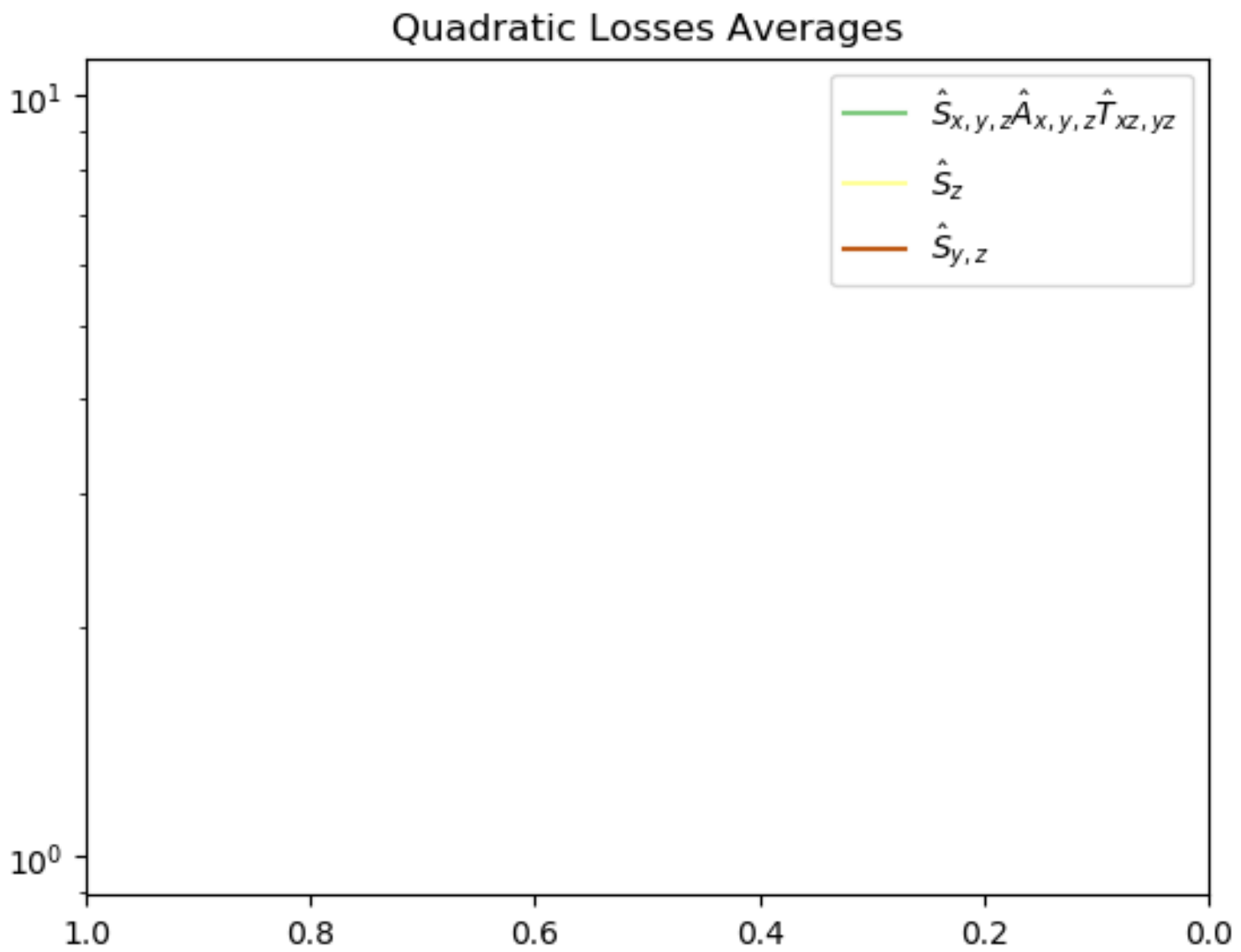
probe\_generation\_function : NV\_centre\_ising\_probes\_plus

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

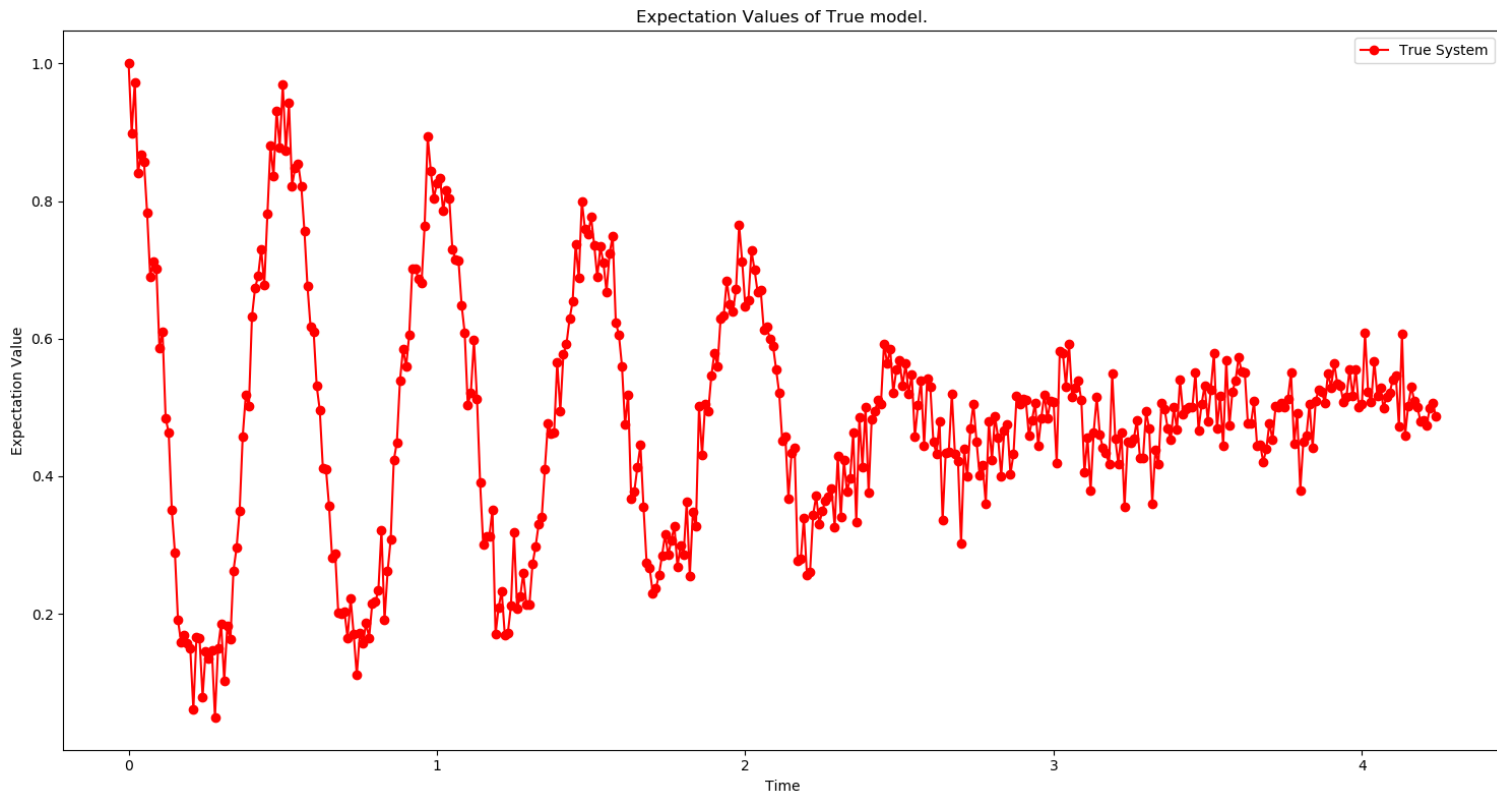
# QMD Analysis [Sep\_04/10\_08]

Parameter Estimates for  $\hat{A}_z$

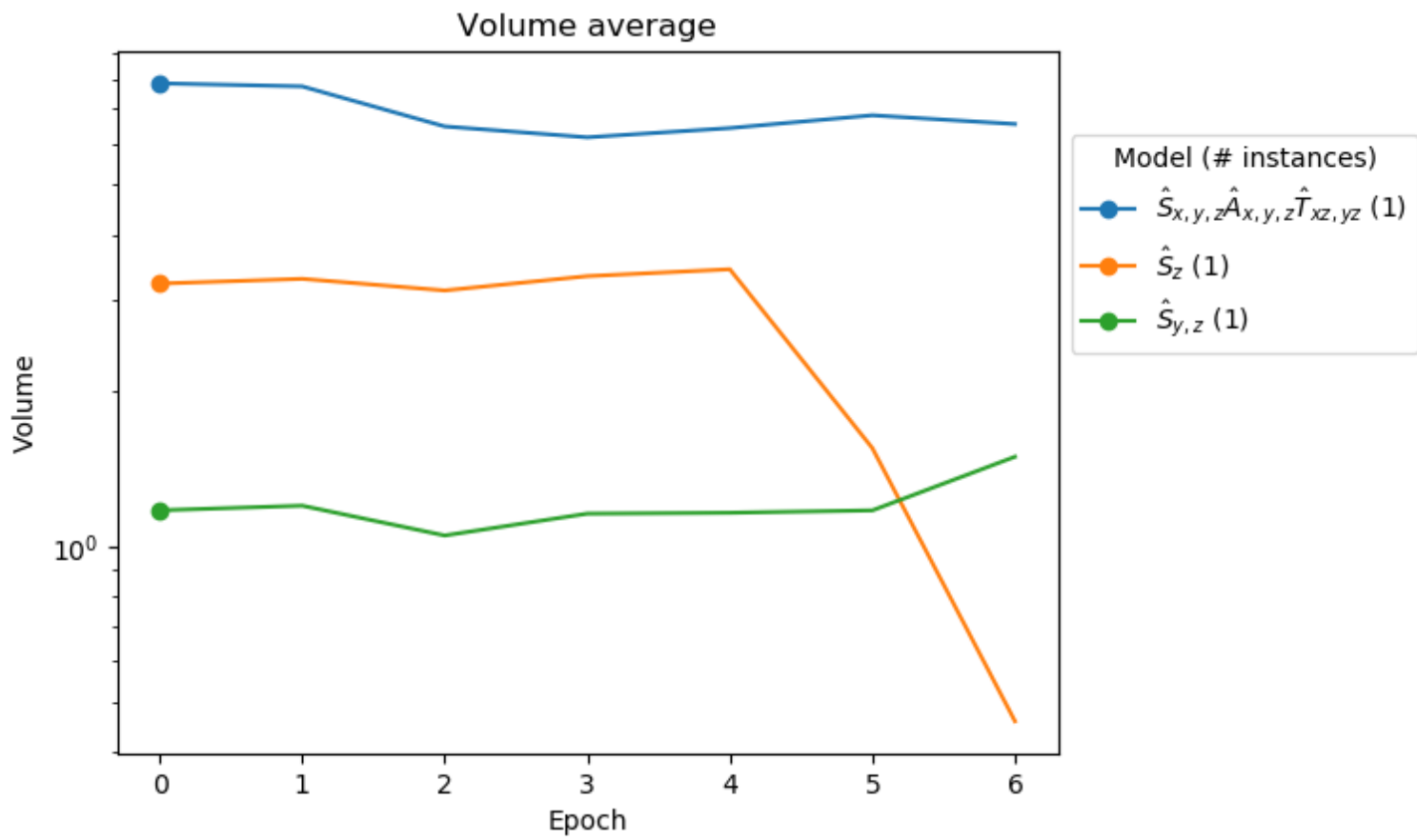




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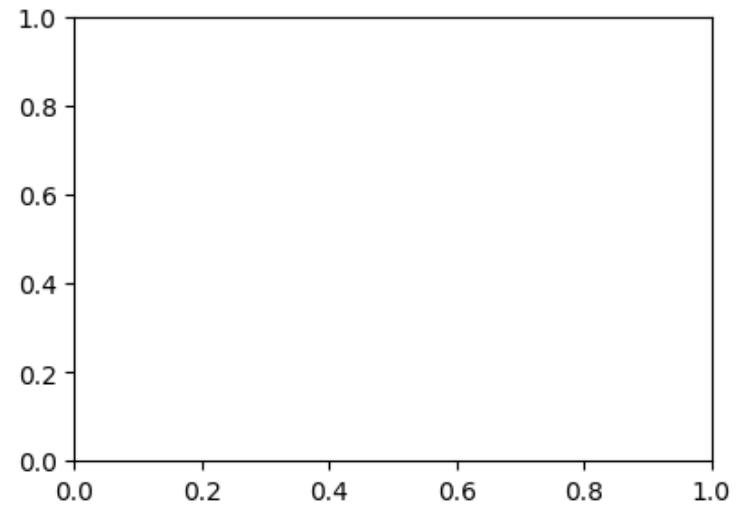
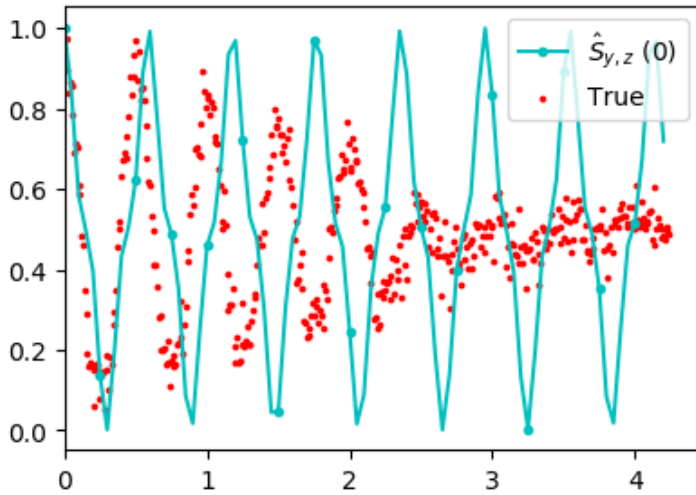
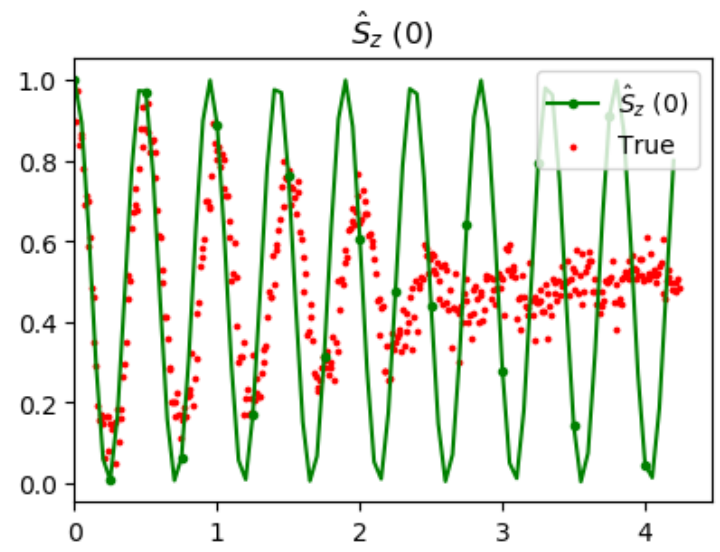
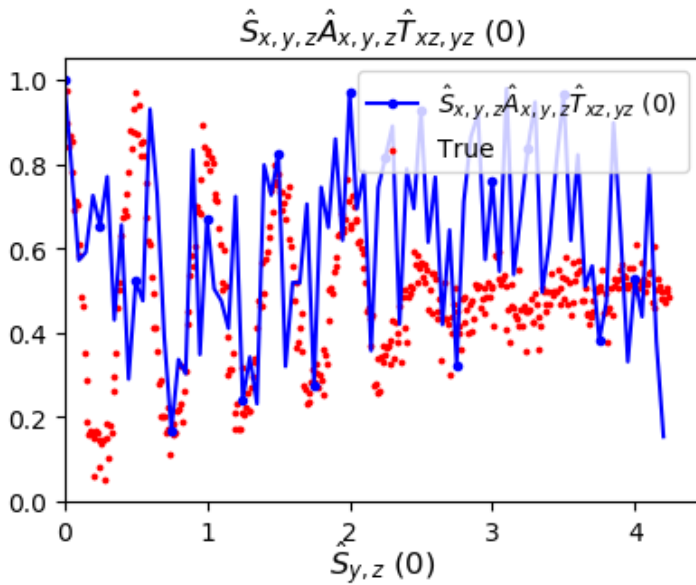


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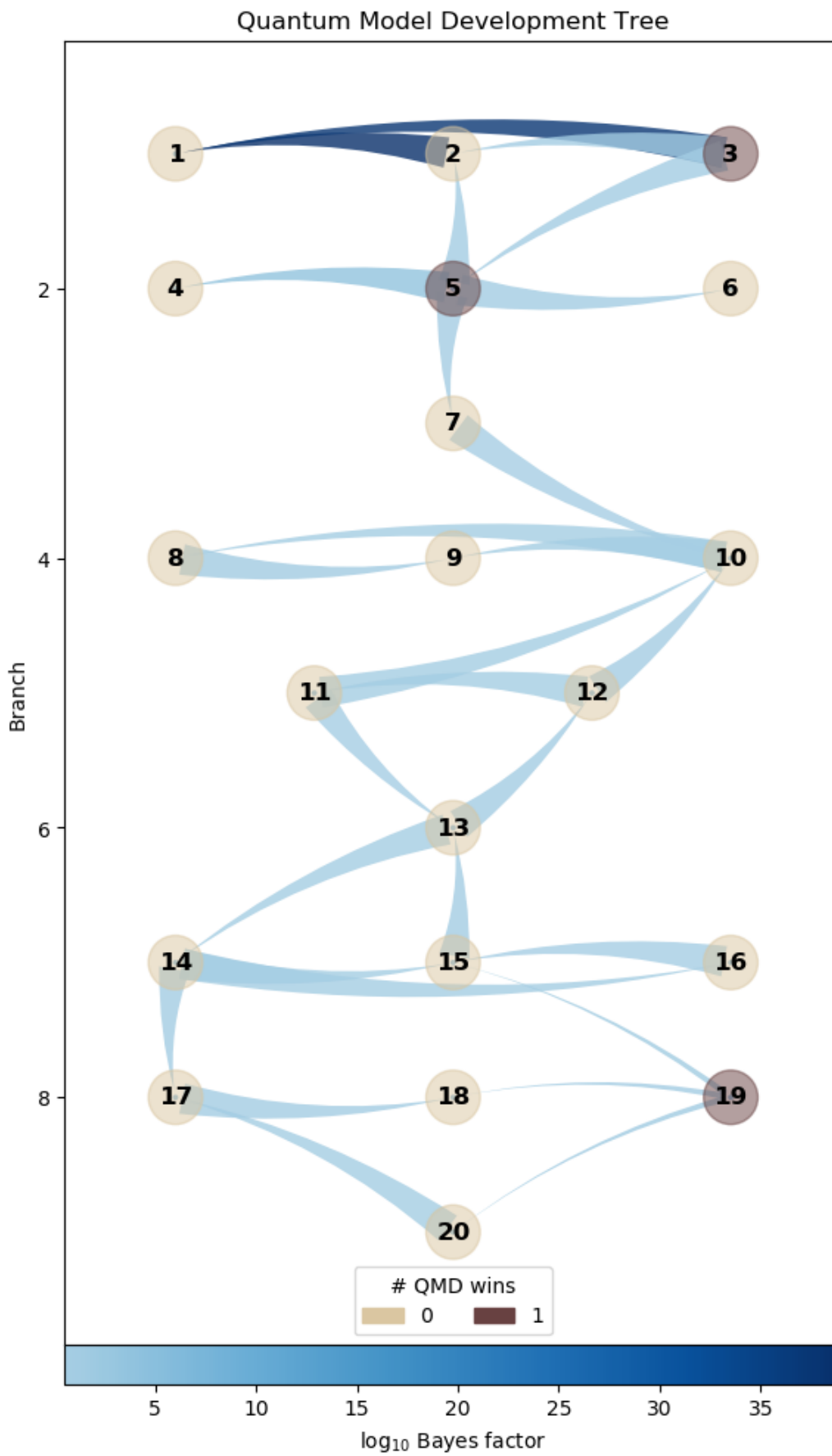
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Expectation Value of clustered parameters.



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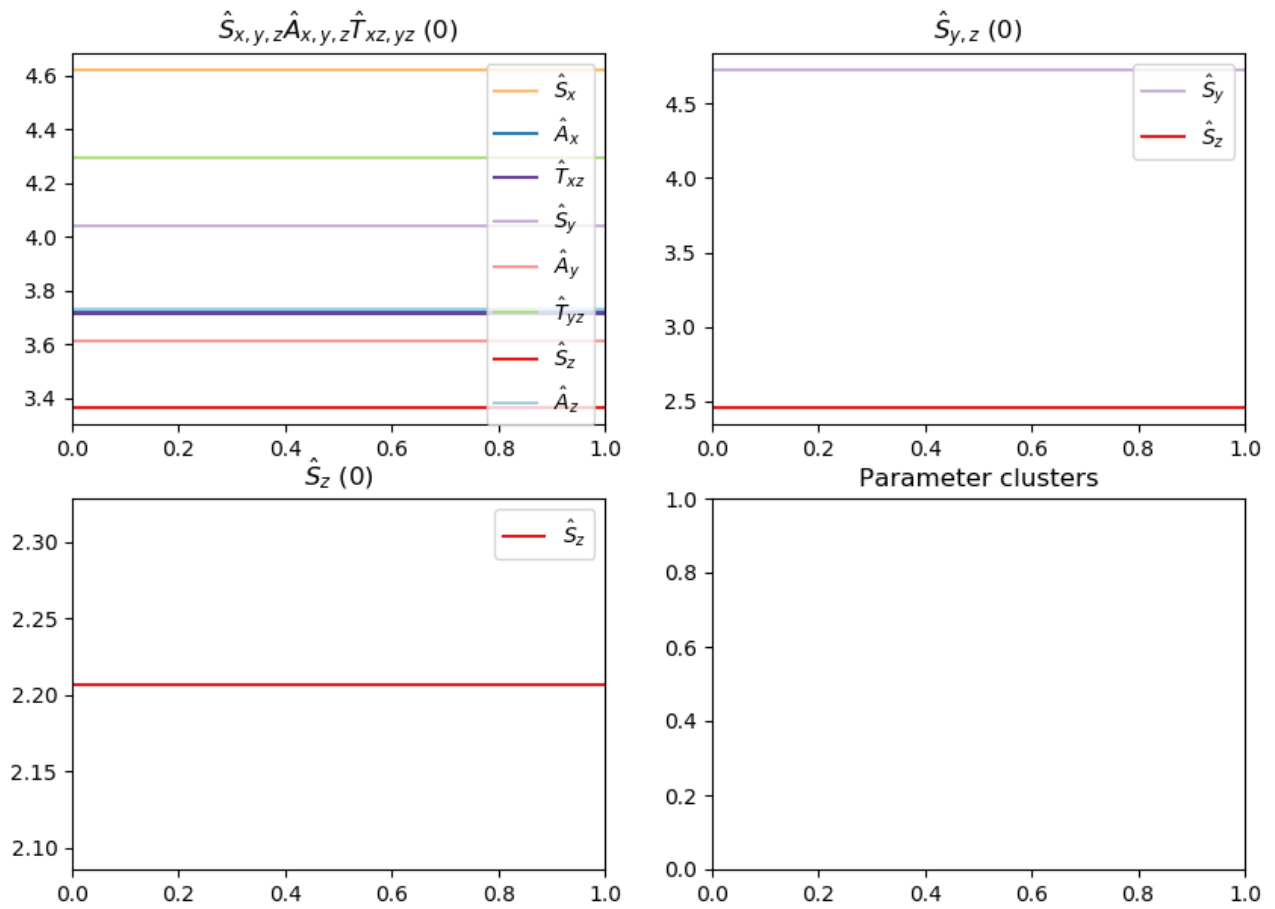
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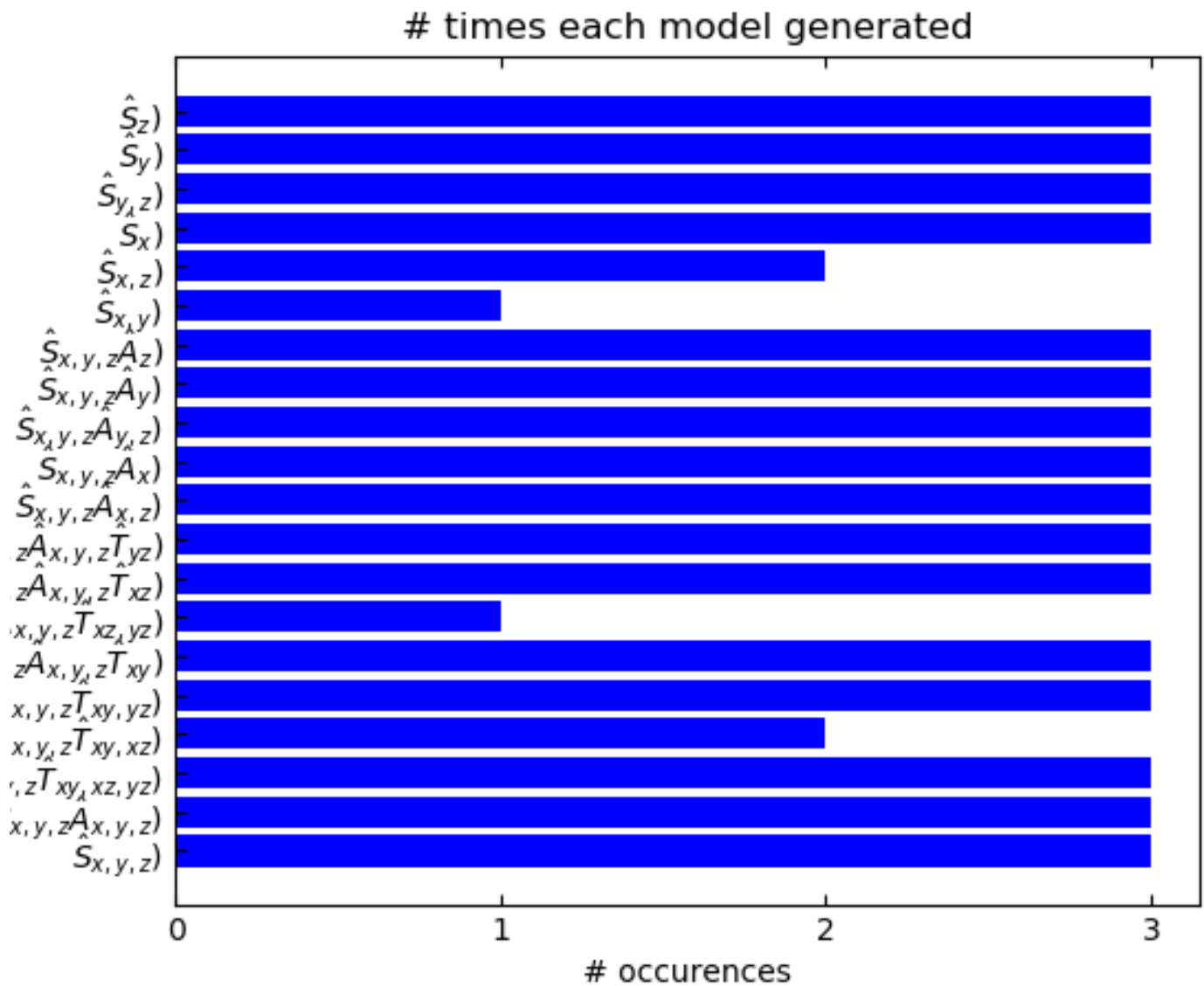
ID	(Wins)	Model
1	(0)	$\hat{S}_x$
2	(0)	$\hat{S}_y$
3	(1)	$\hat{S}_z$
4	(0)	$\hat{S}_{x,y}$
5	(1)	$\hat{S}_{y,z}$
6	(0)	$\hat{S}_{x,z}$



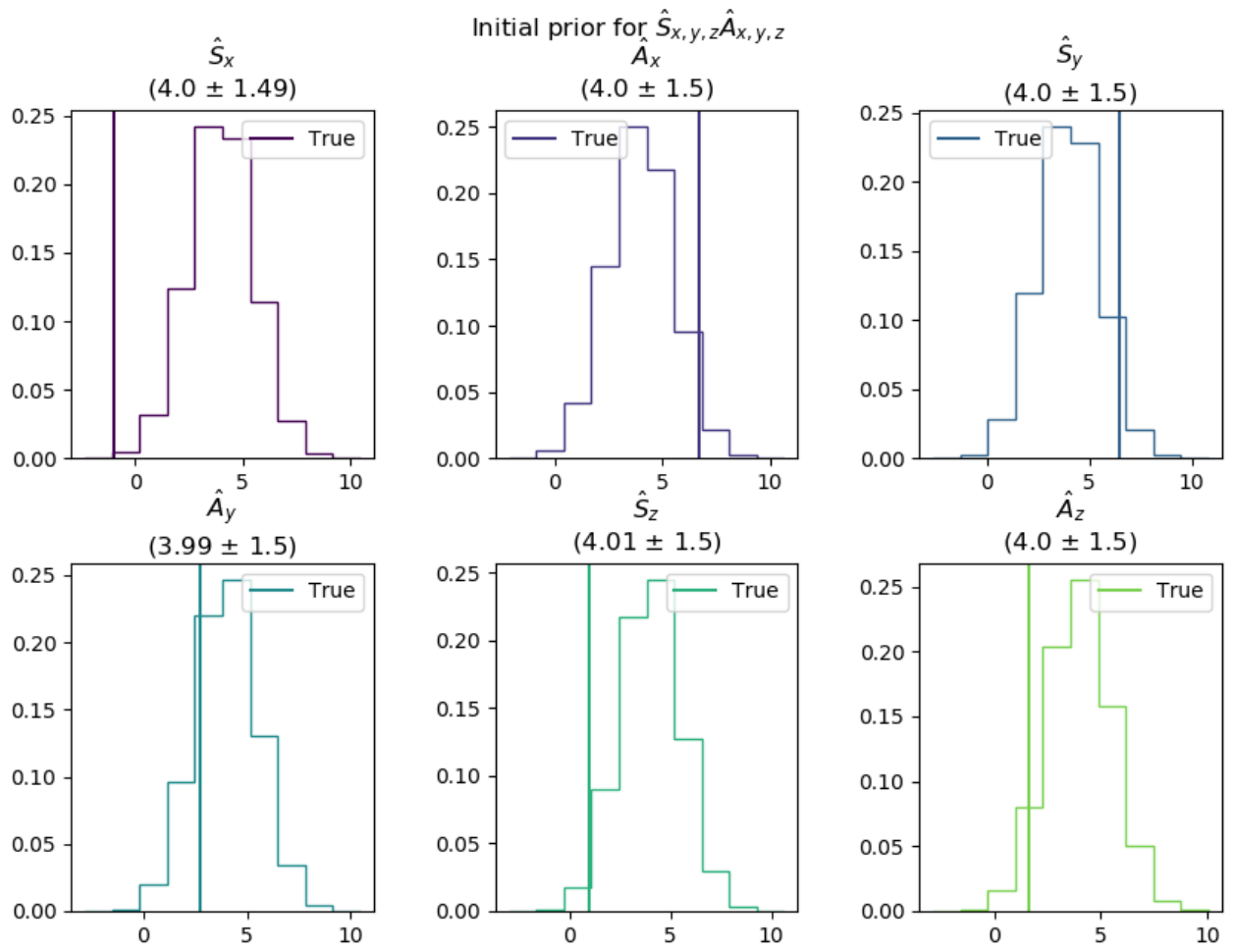
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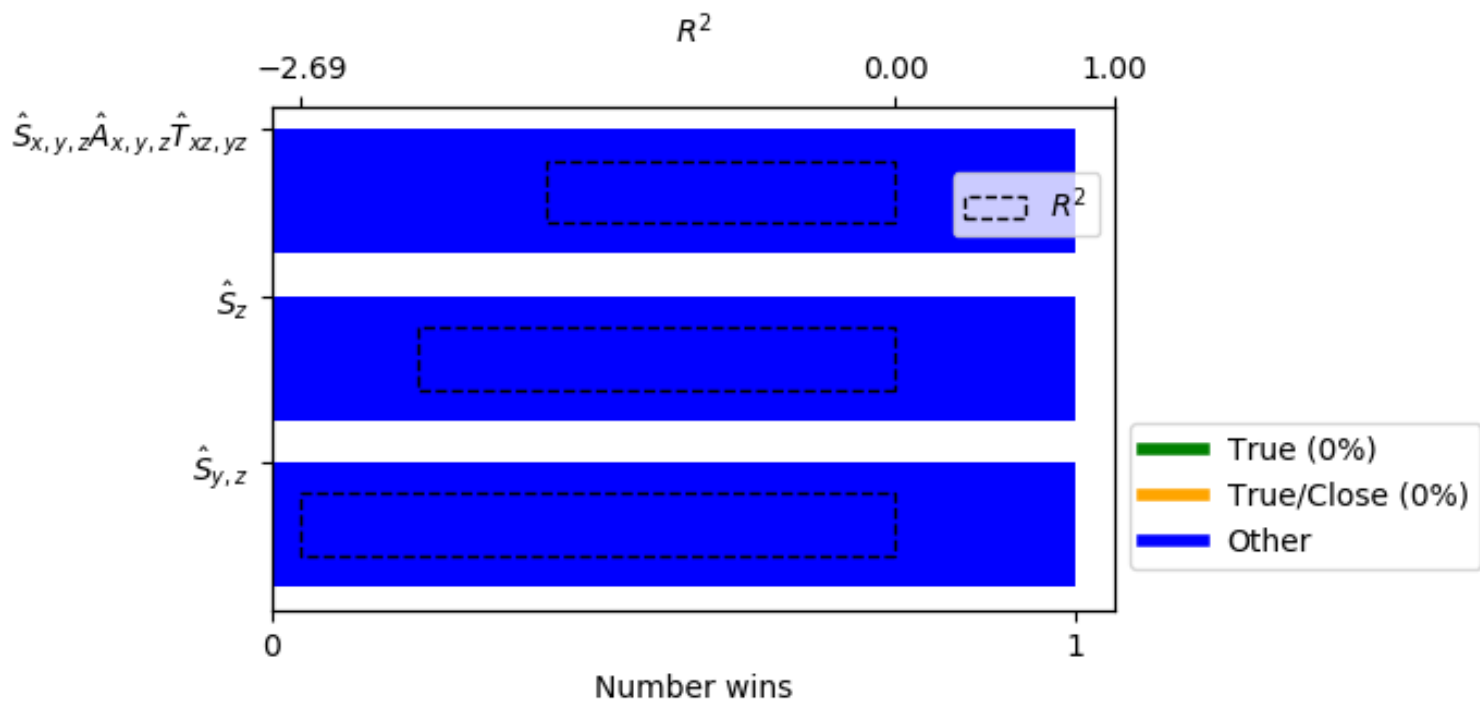
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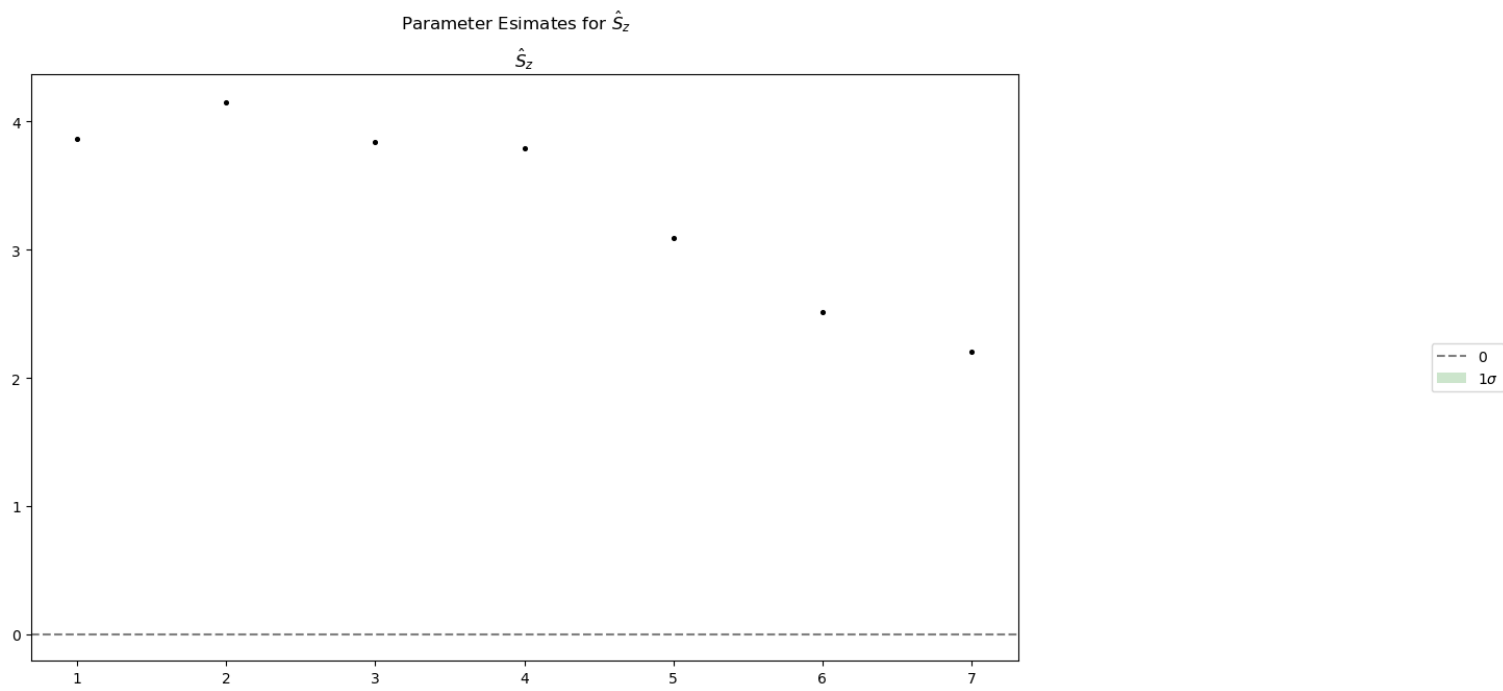
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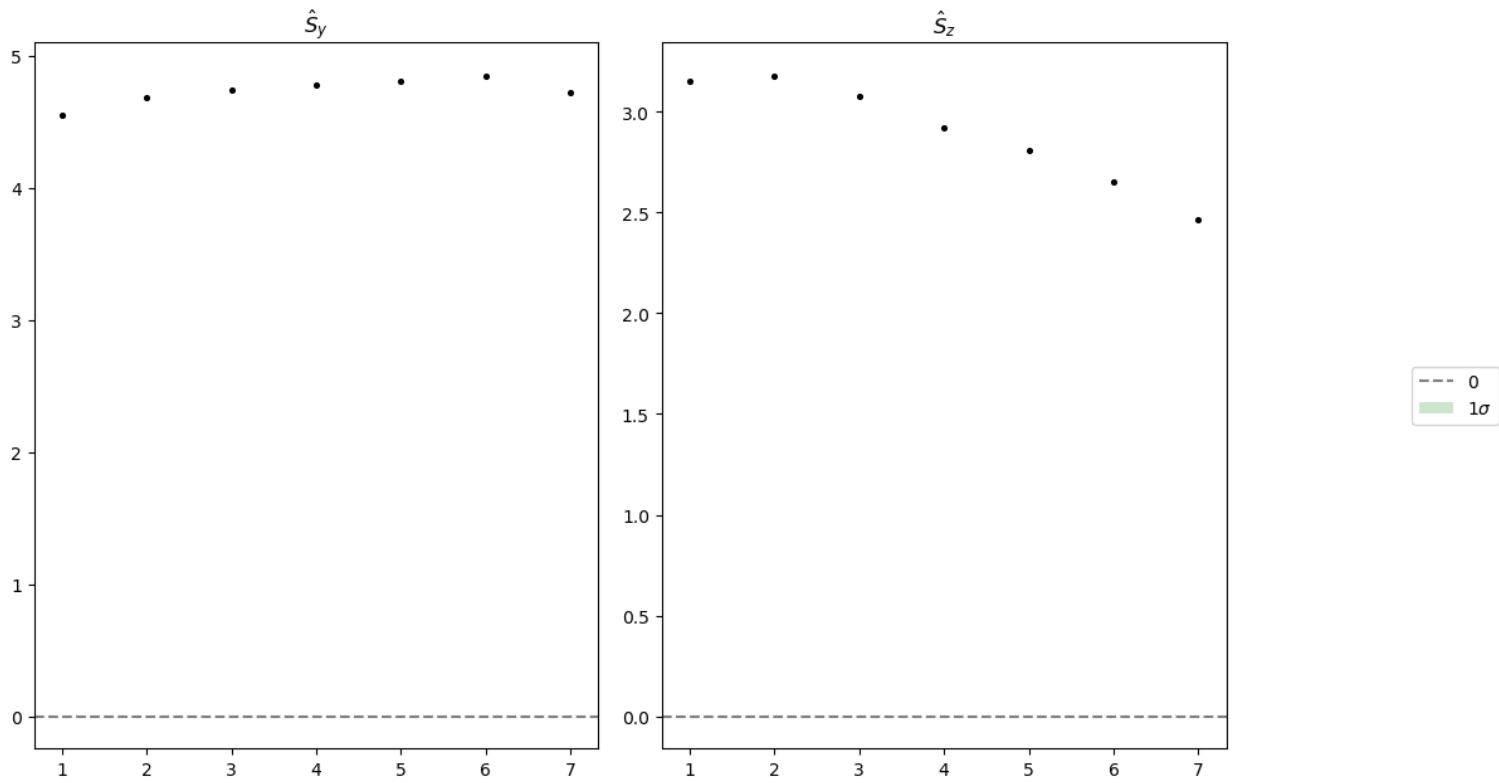


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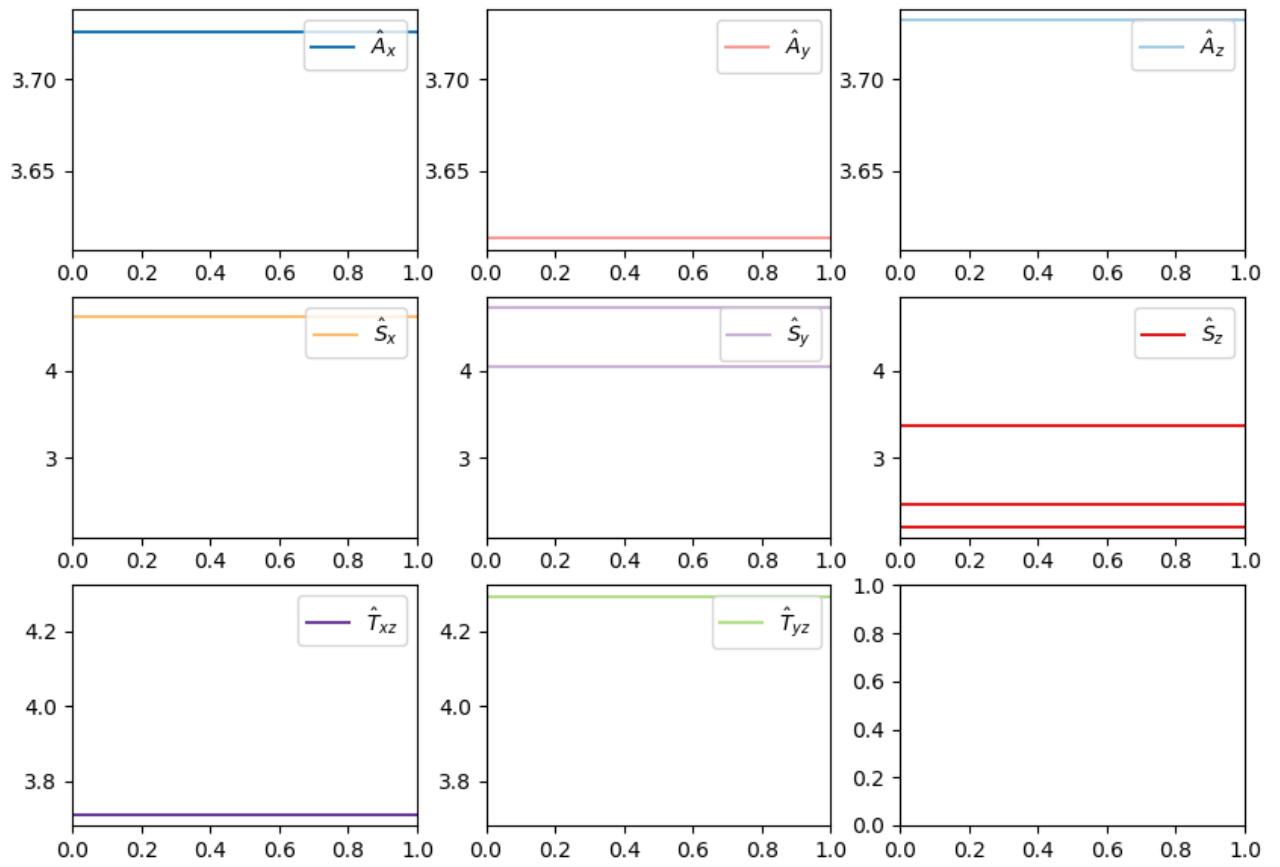


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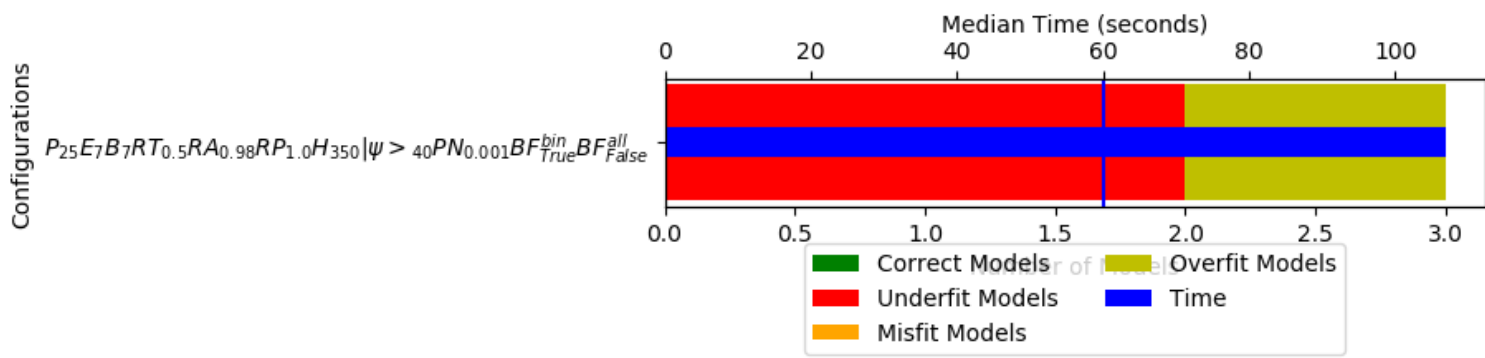
Parameter Estimates for  $\hat{S}_z$



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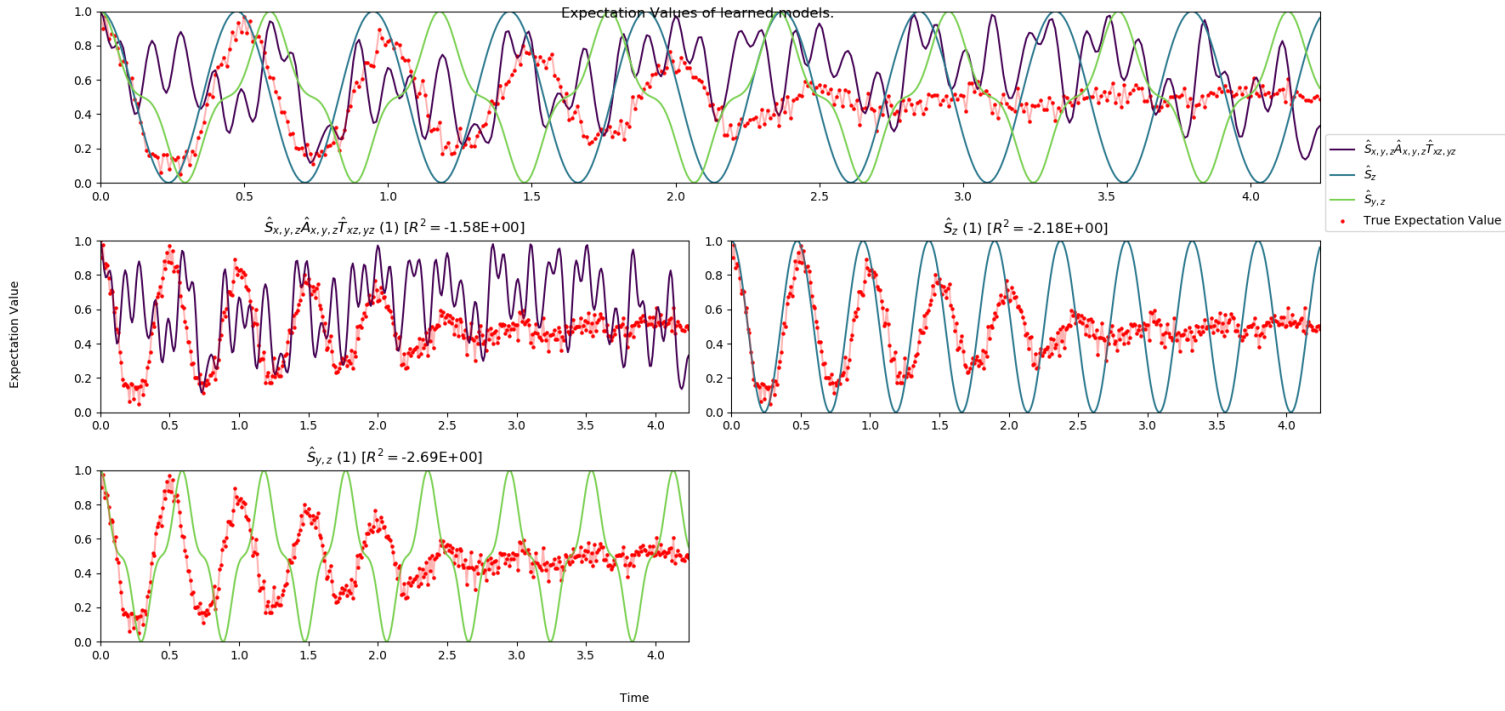


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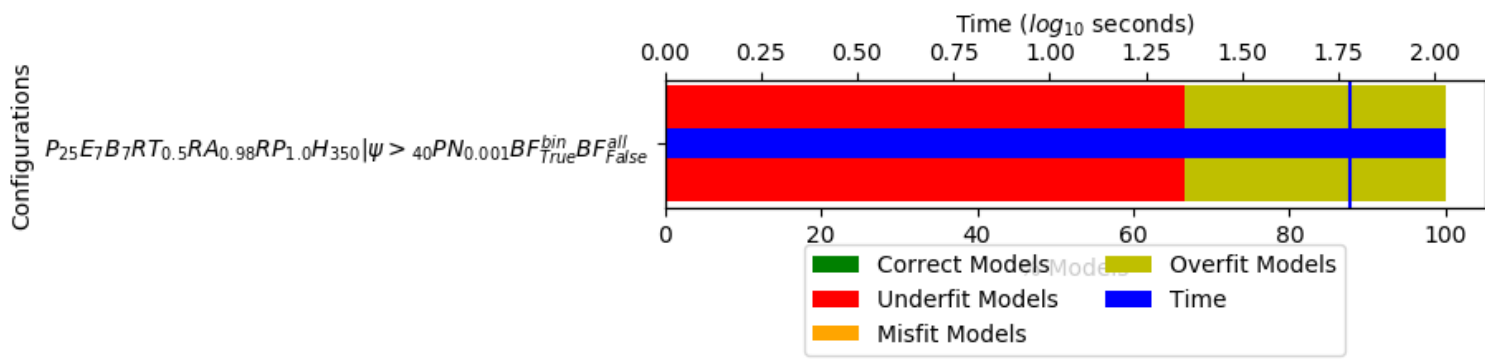


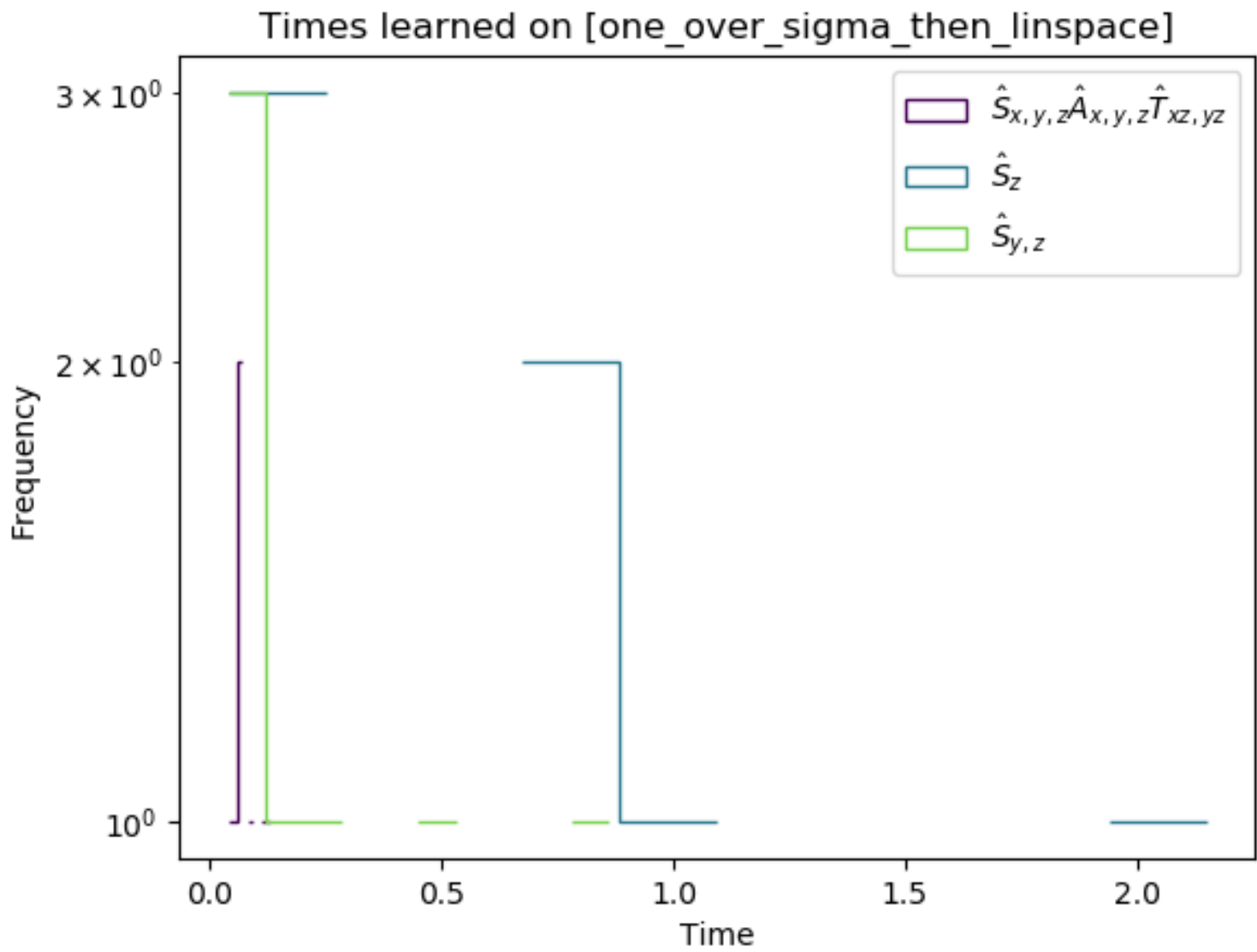


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