

## QMD Analysis [Sep\_12/11\_55]

results\_directory : /panfs/panasas01/phys/bf16951/QMD/ParallelDevelopment/Results/Sep\_12/11\_55

output\_file\_name : analysis.pdf

num\_experiments : 10

num\_particles : 30

num\_times\_bayes : 10

num\_probes : 40

probe\_noise\_level : 0.001

special\_probe\_for\_learning : random

growth\_generation\_rule : two\_qubit\_ising\_rotation\_hyperfine\_transverse

run\_description : short-run-data-for-generating-plots\_\_simulation-pr-probe

git\_commit\_hash : 57dc67745b04ad1b0e8a20642e4302b5f1ab7aaa

num\_tests : 15

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\_12/11\_55/cumulative.csv

experimental\_data : 0

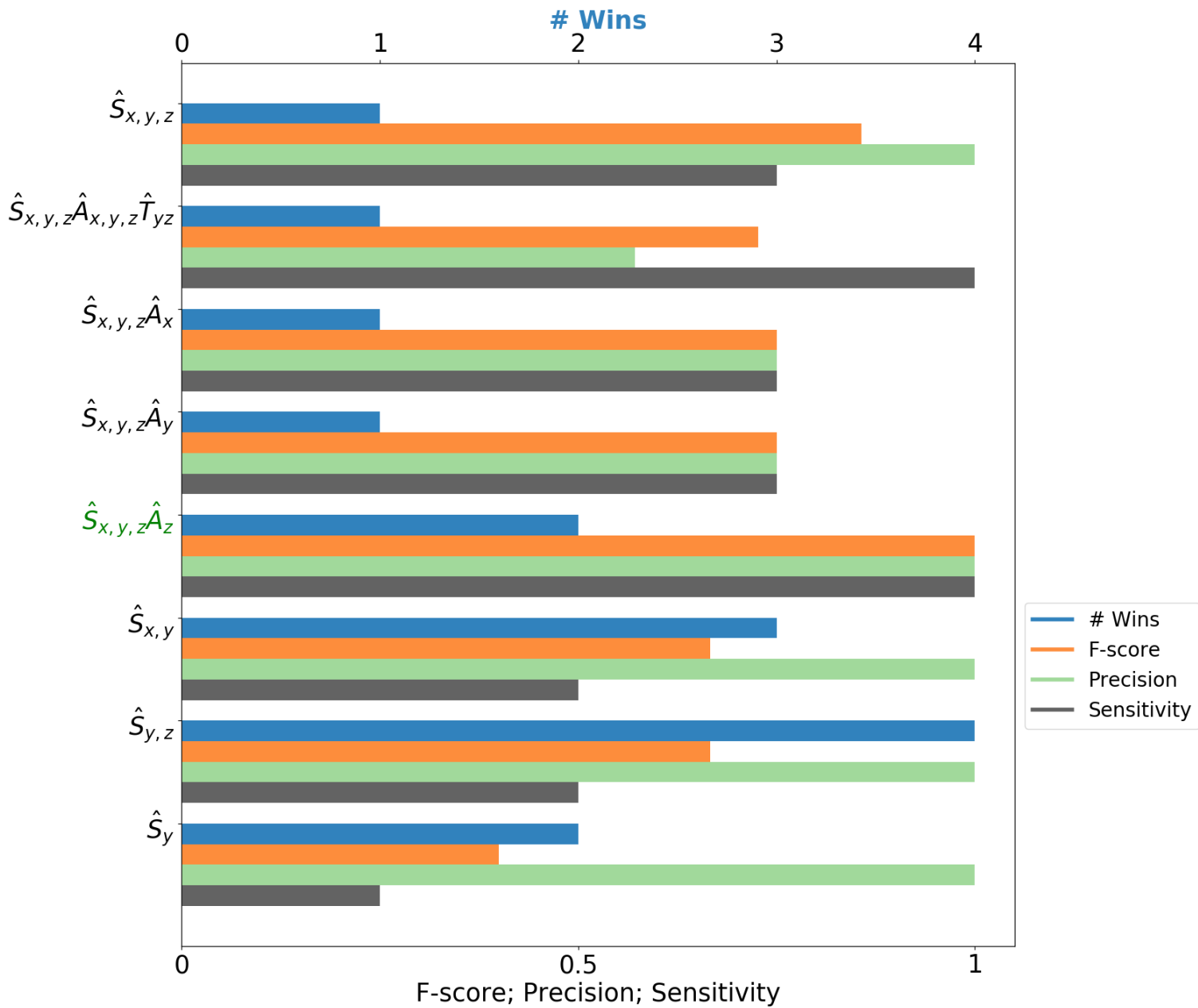
expectation\_value\_func : n\_qubit\_hahn\_evolution

heuristic : one\_over\_sigma\_then\_linspace

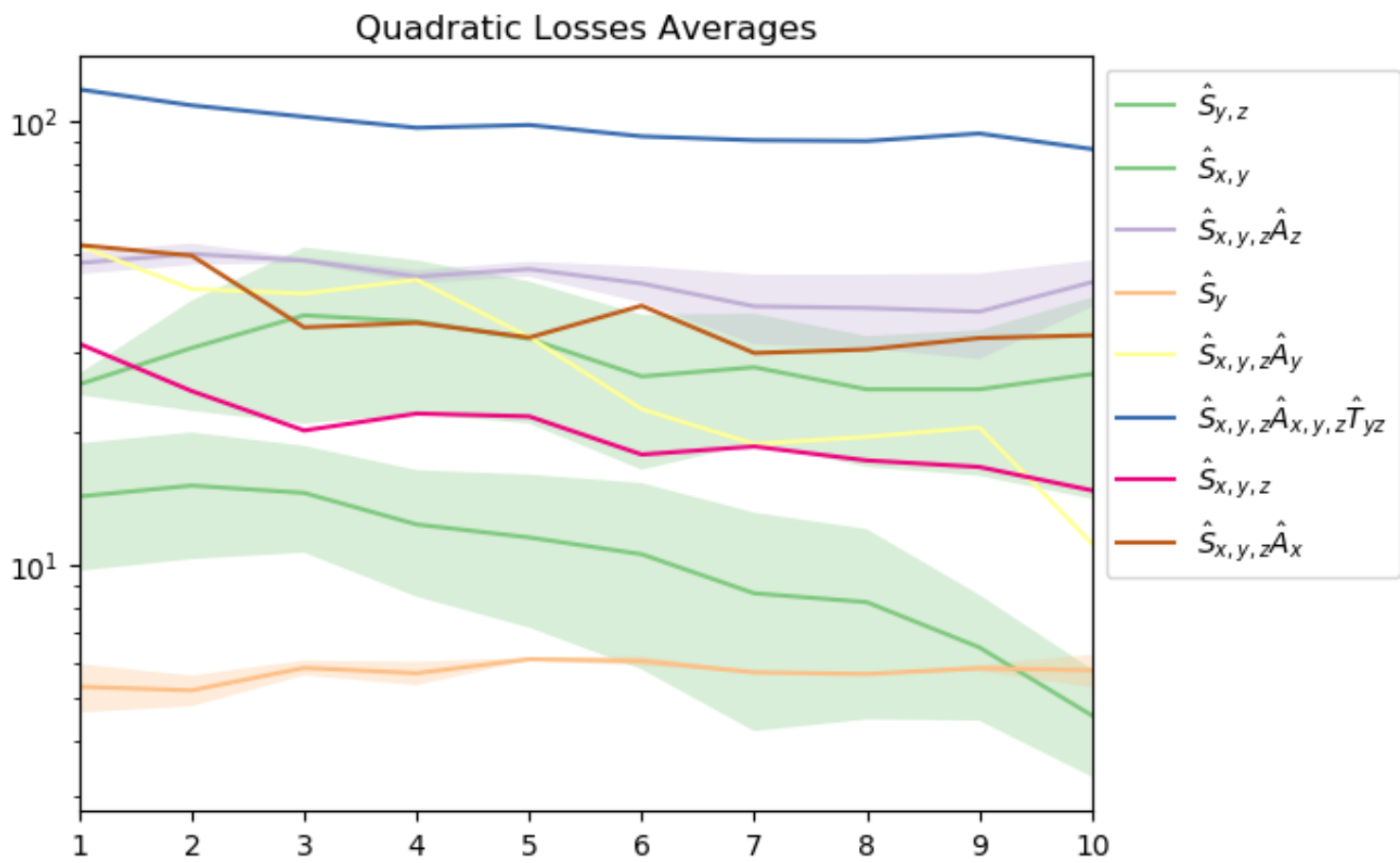
probe\_generation\_function : NV\_centre\_ising\_probes\_plus

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

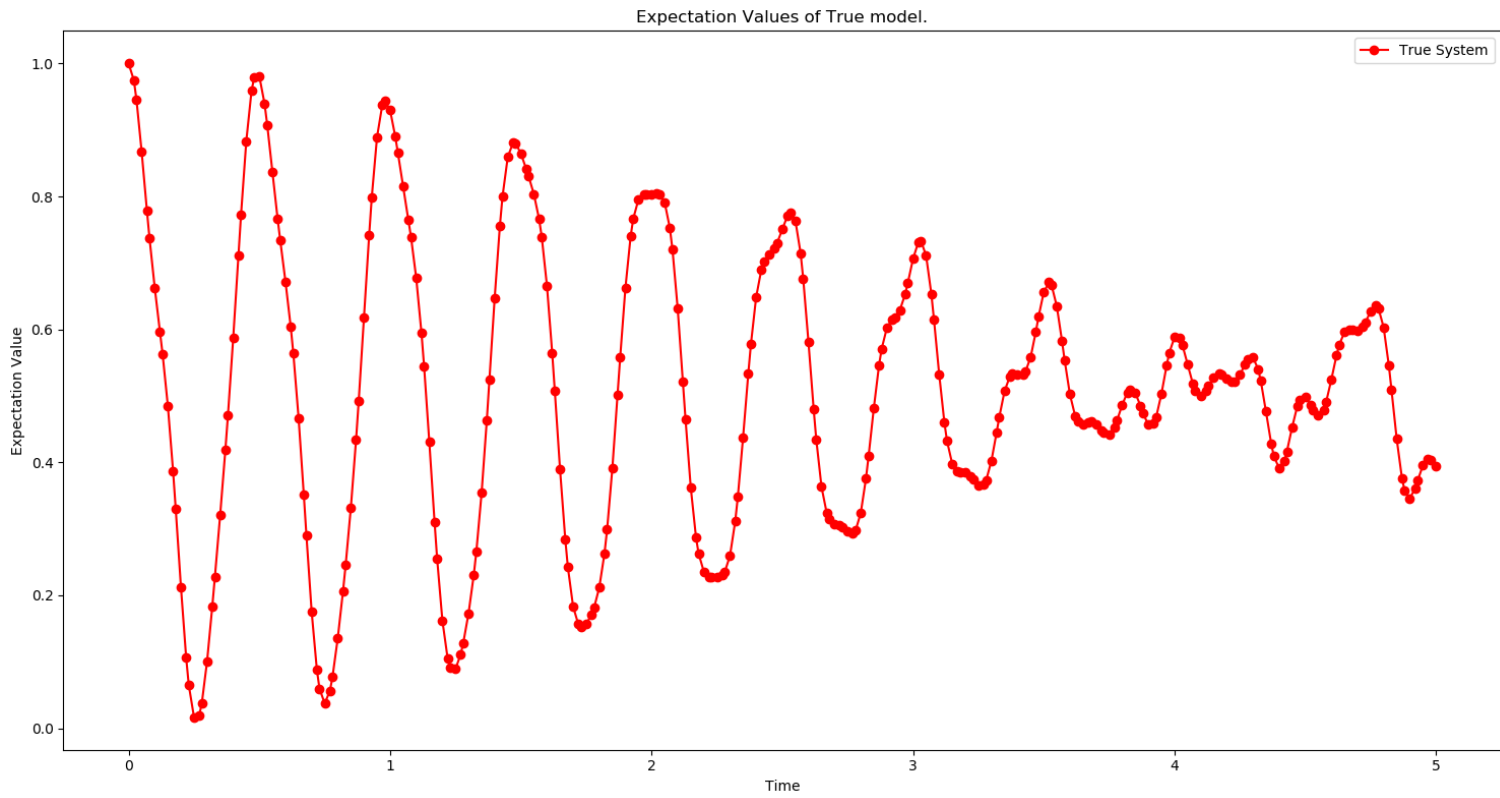
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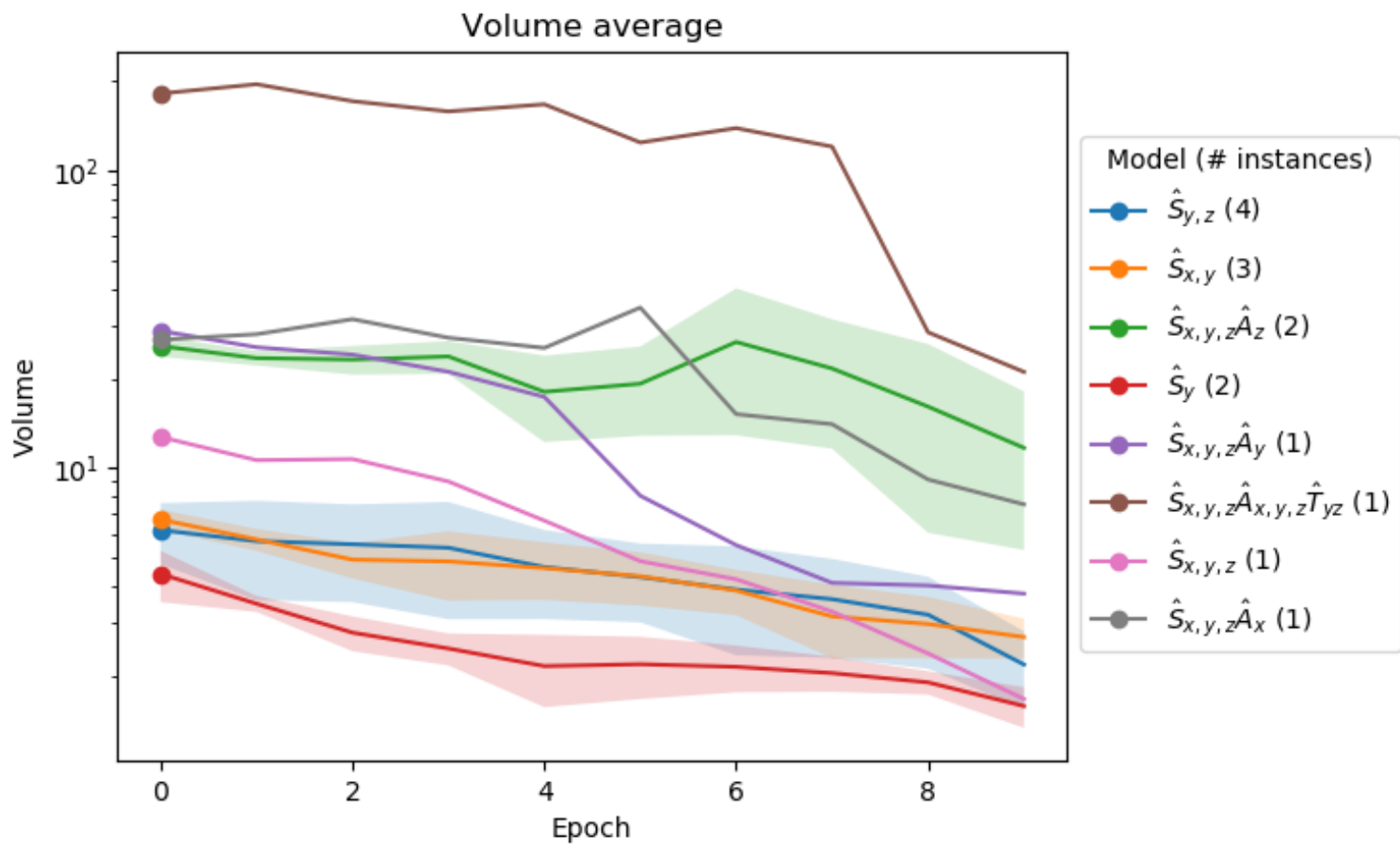
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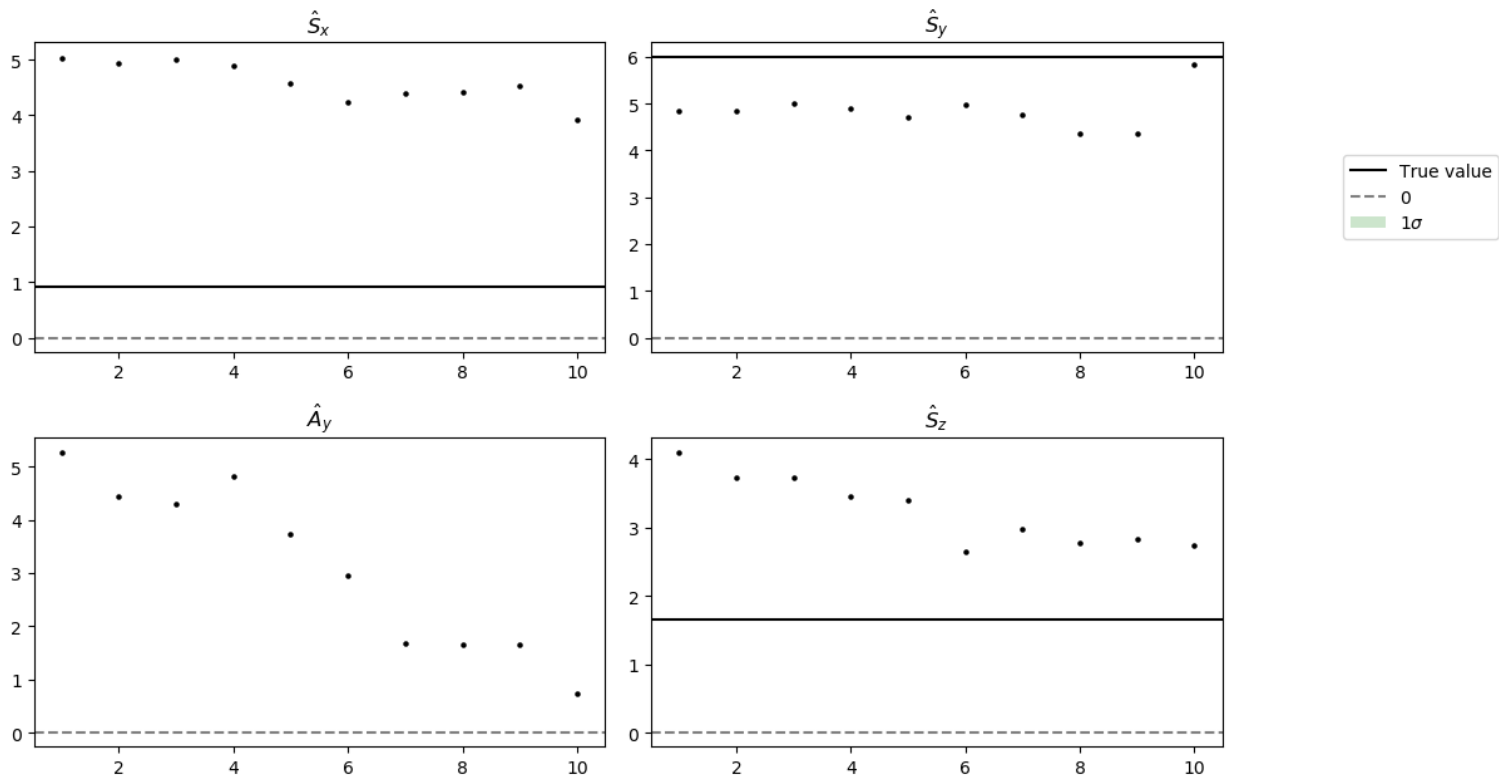


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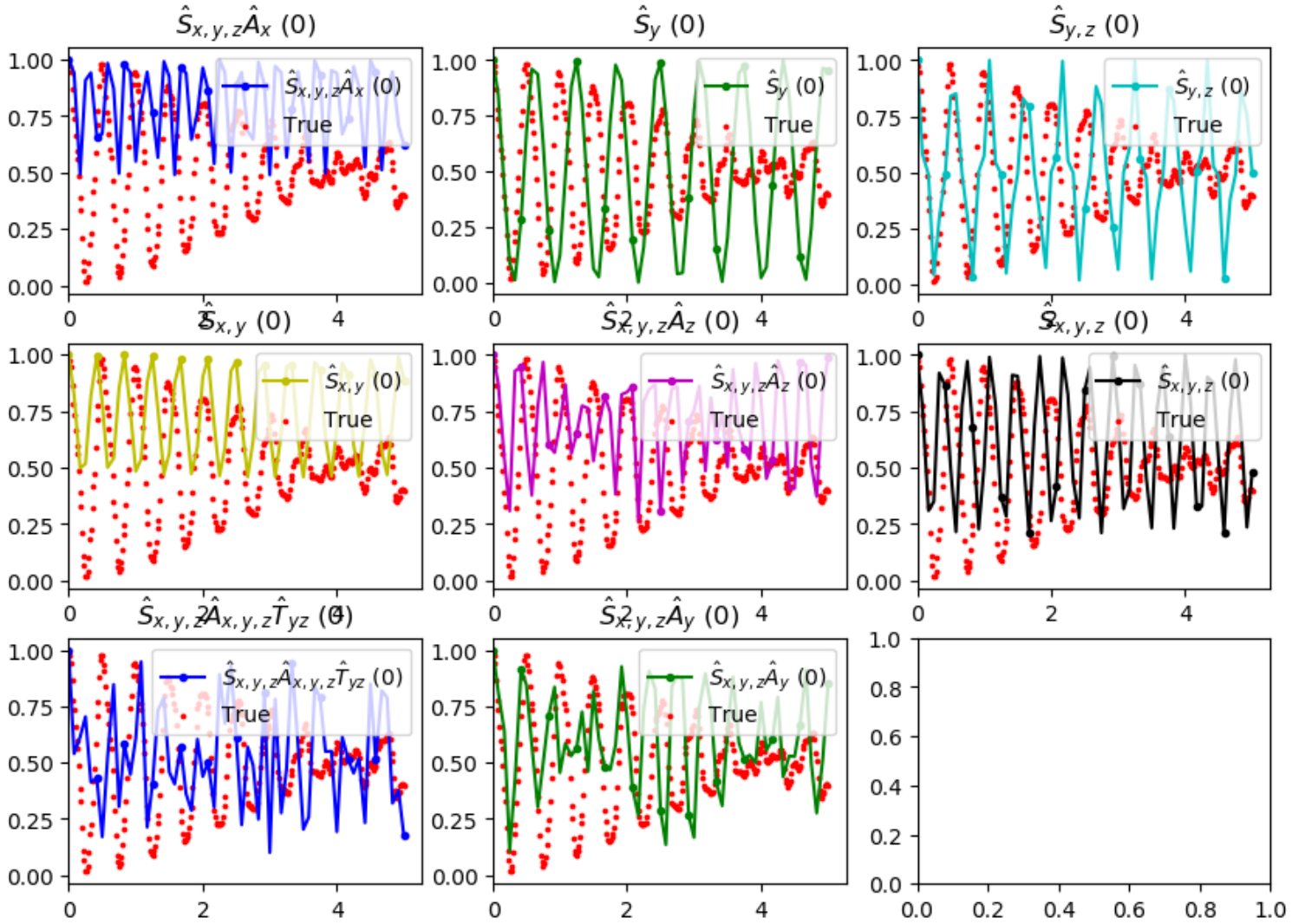
# QMD Analysis [Sep\_12/11\_55]

Parameter Estimates for  $\hat{S}_z$



# QMD Analysis [Sep\_12/11\_55]

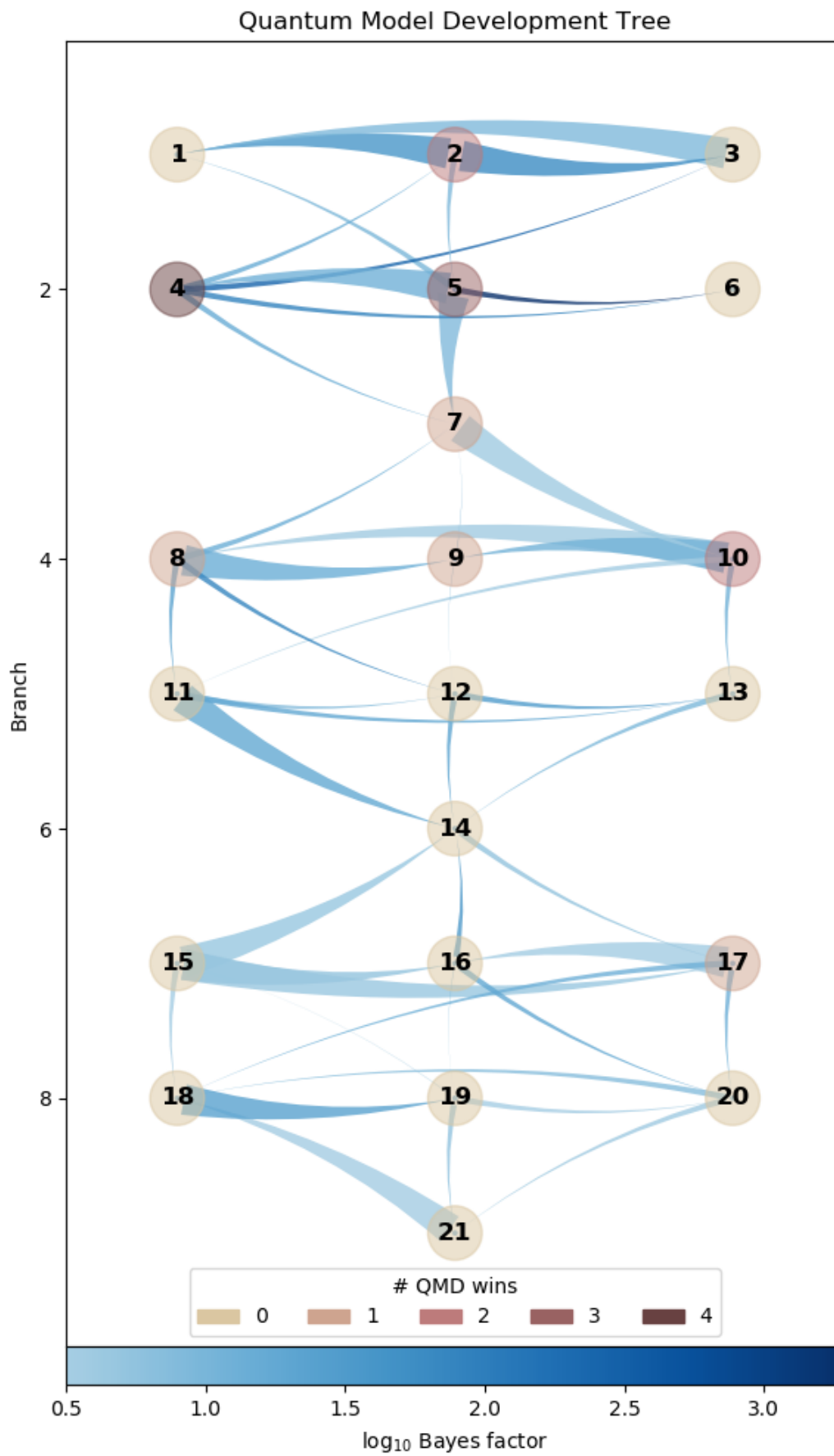
Expectation Value of clustered parameters.



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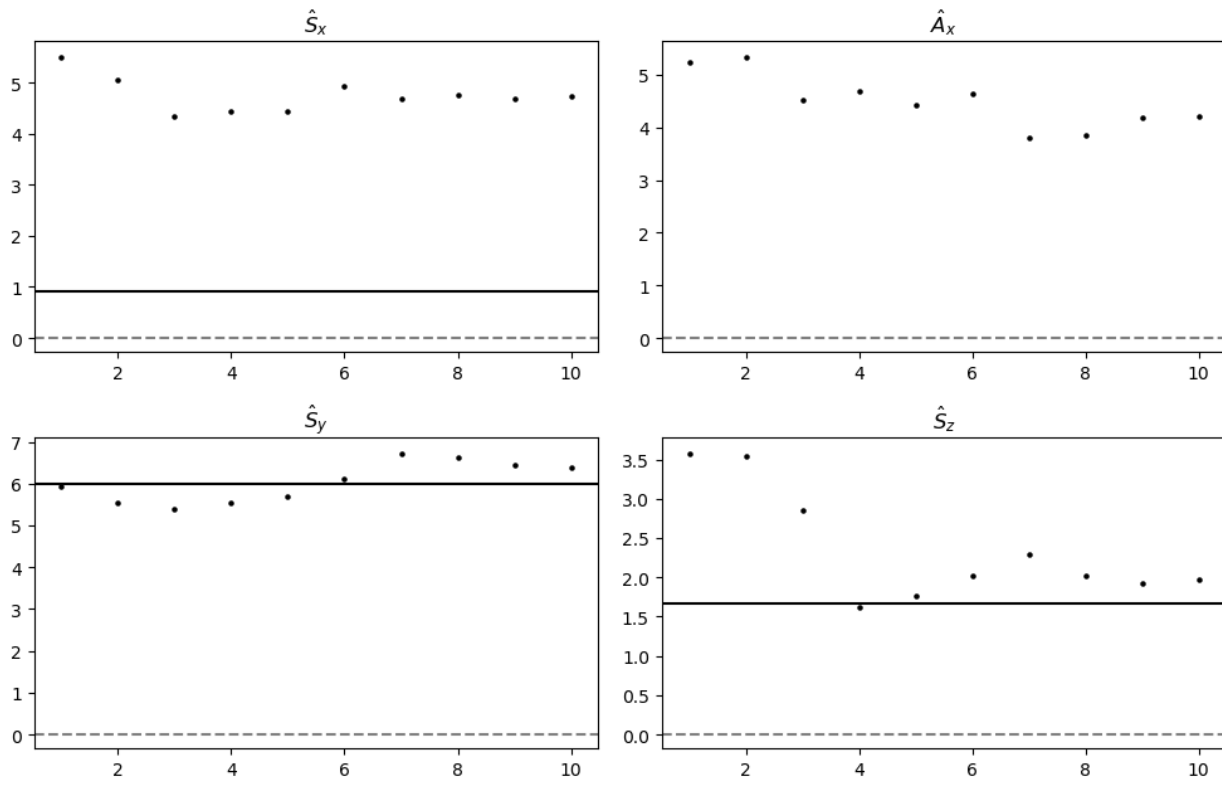
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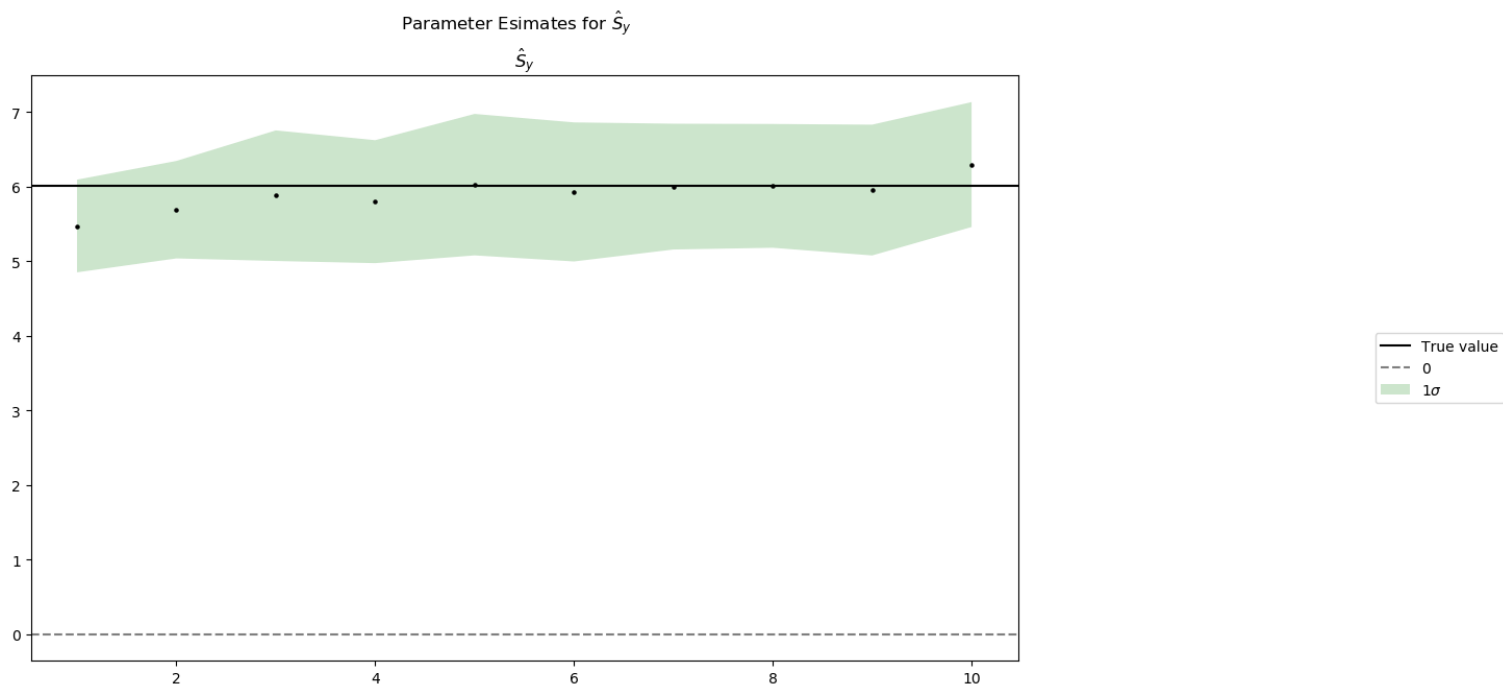
ID	(Wins)	Model
1	(0)	$\hat{S}_x$
2	(2)	$\hat{S}_y$
3	(0)	$\hat{S}_z$
4	(4)	$\hat{S}_{y,z}$
5	(3)	$\hat{S}_{x,y}$
6	(0)	$\hat{S}_{x,z}$

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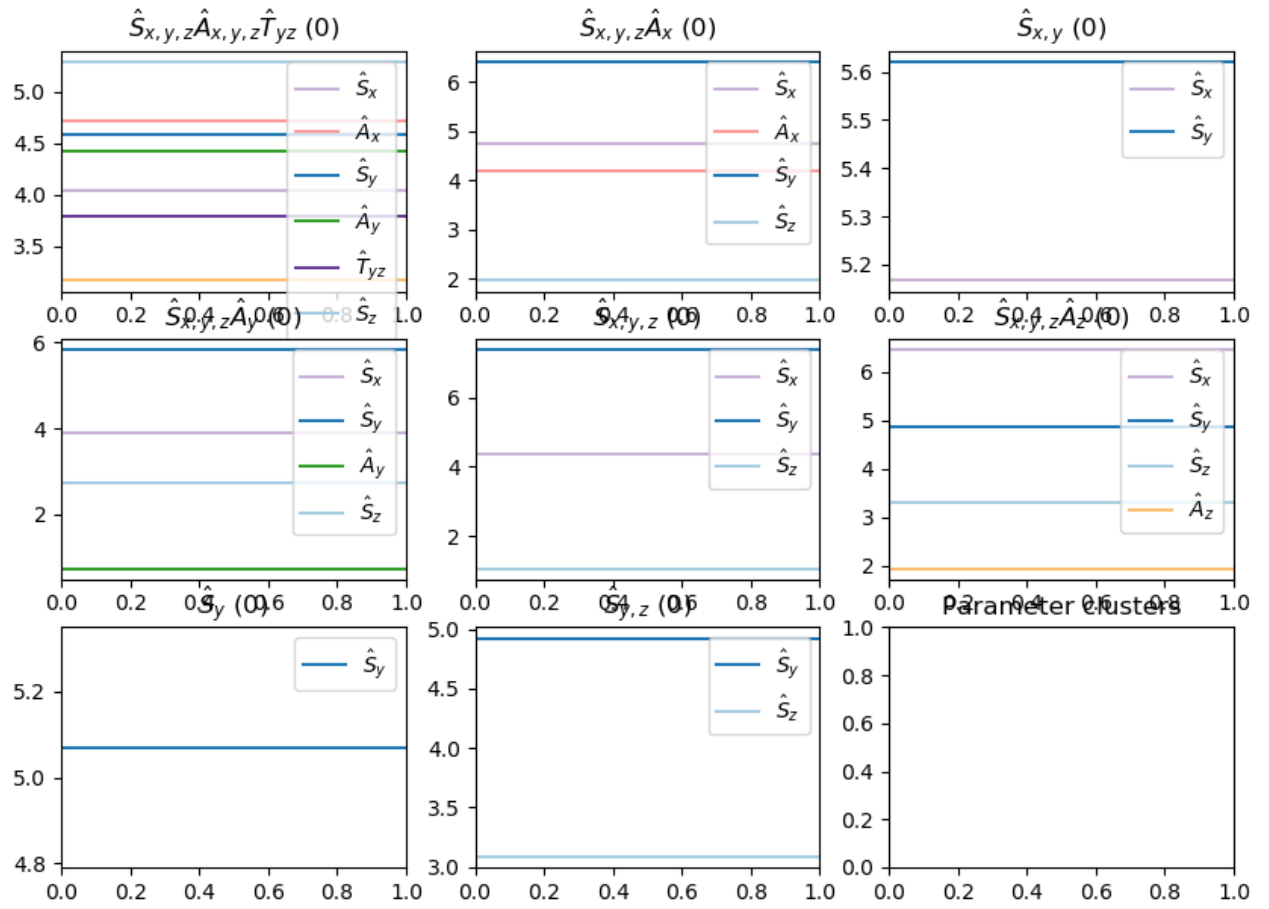
Parameter Estimates for  $\hat{S}_z$



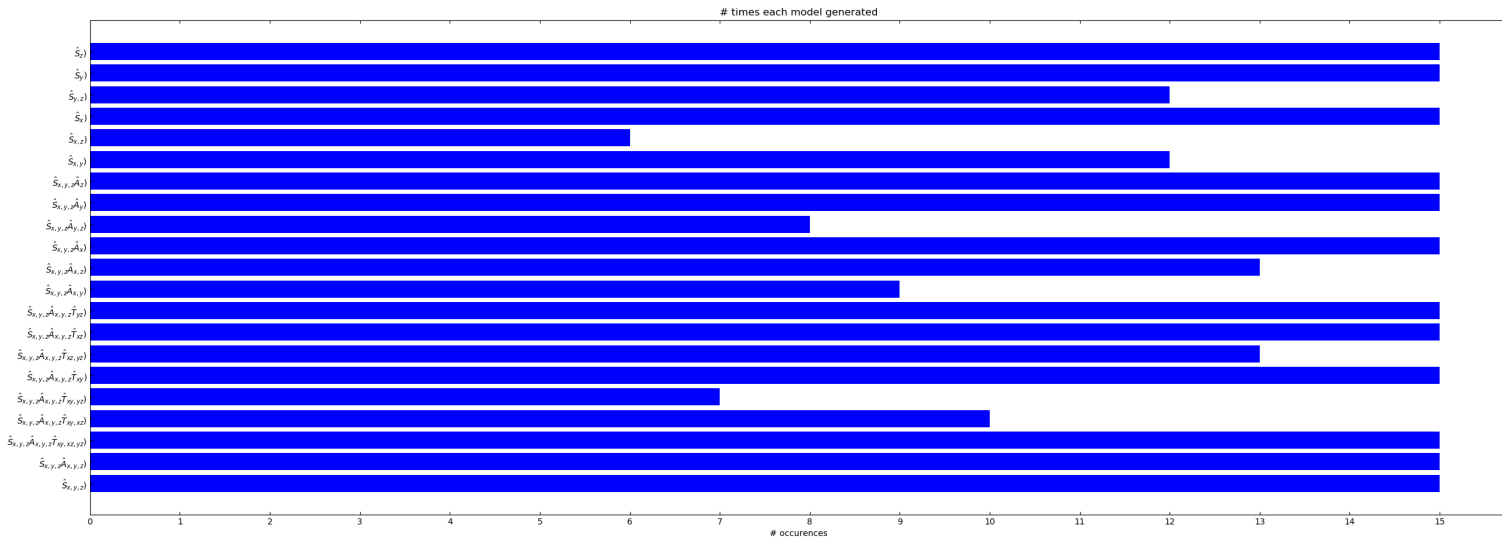
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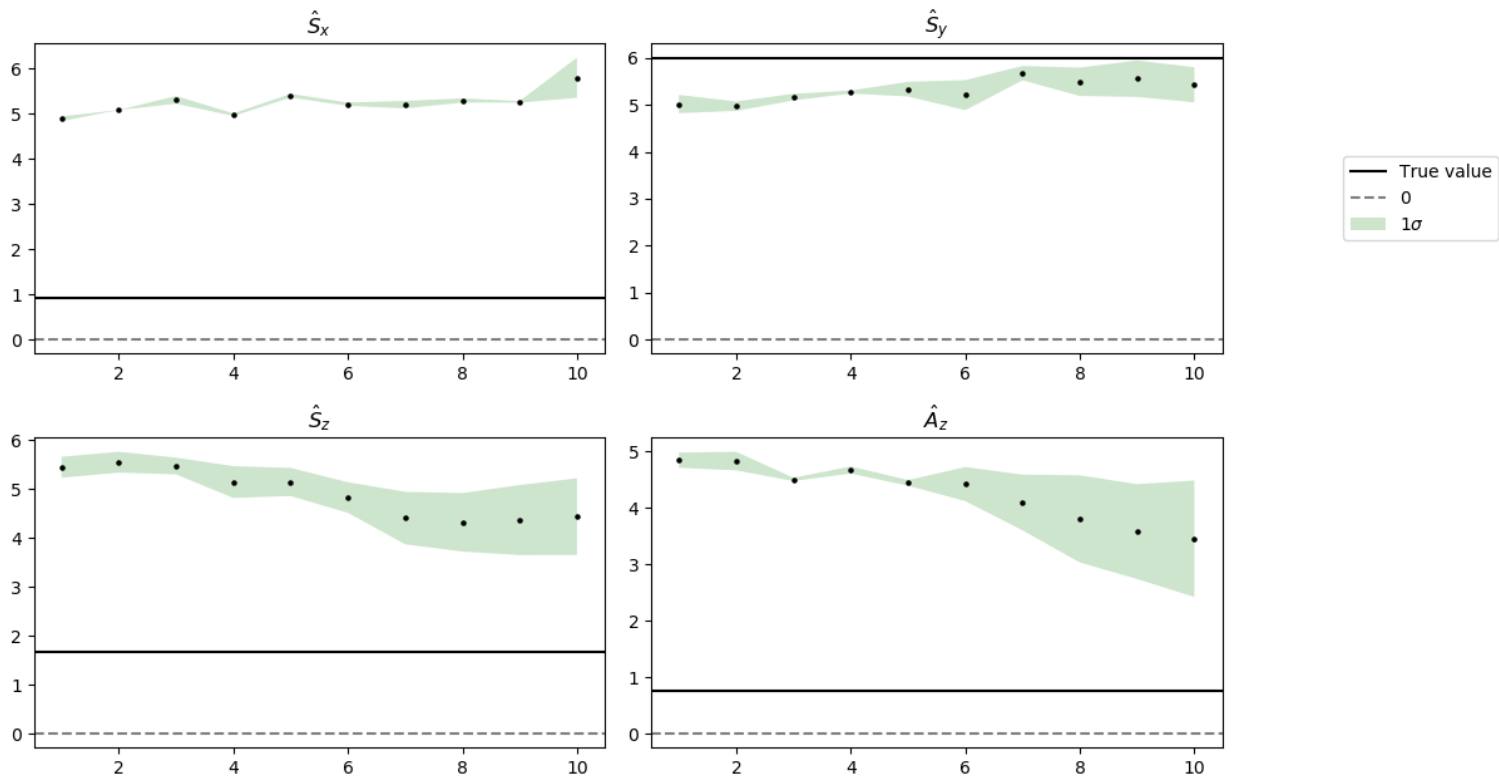


# QMD Analysis [Sep\_12/11\_55]

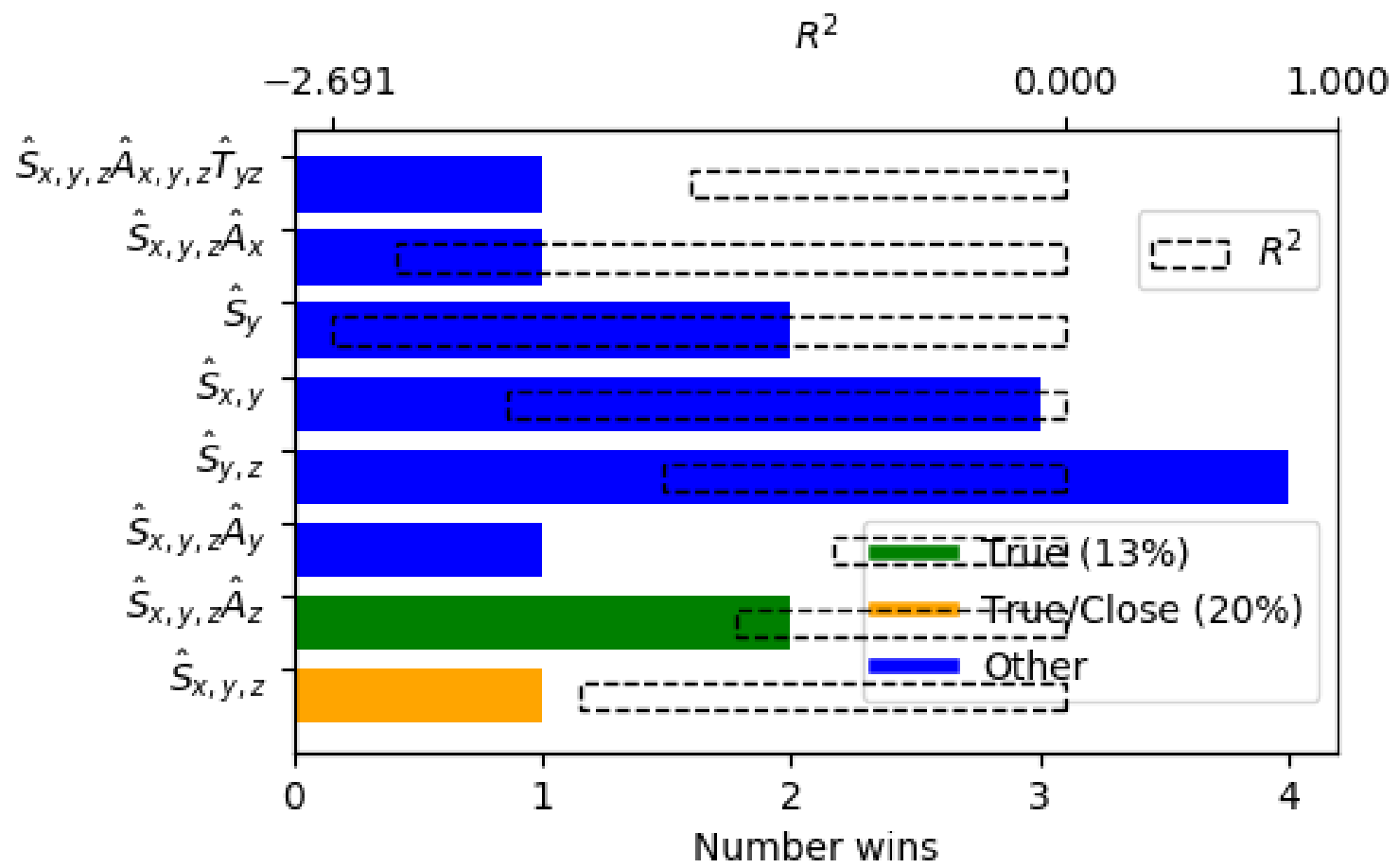


# QMD Analysis [Sep\_12/11\_55]

Parameter Estimates for  $\hat{A}_z$

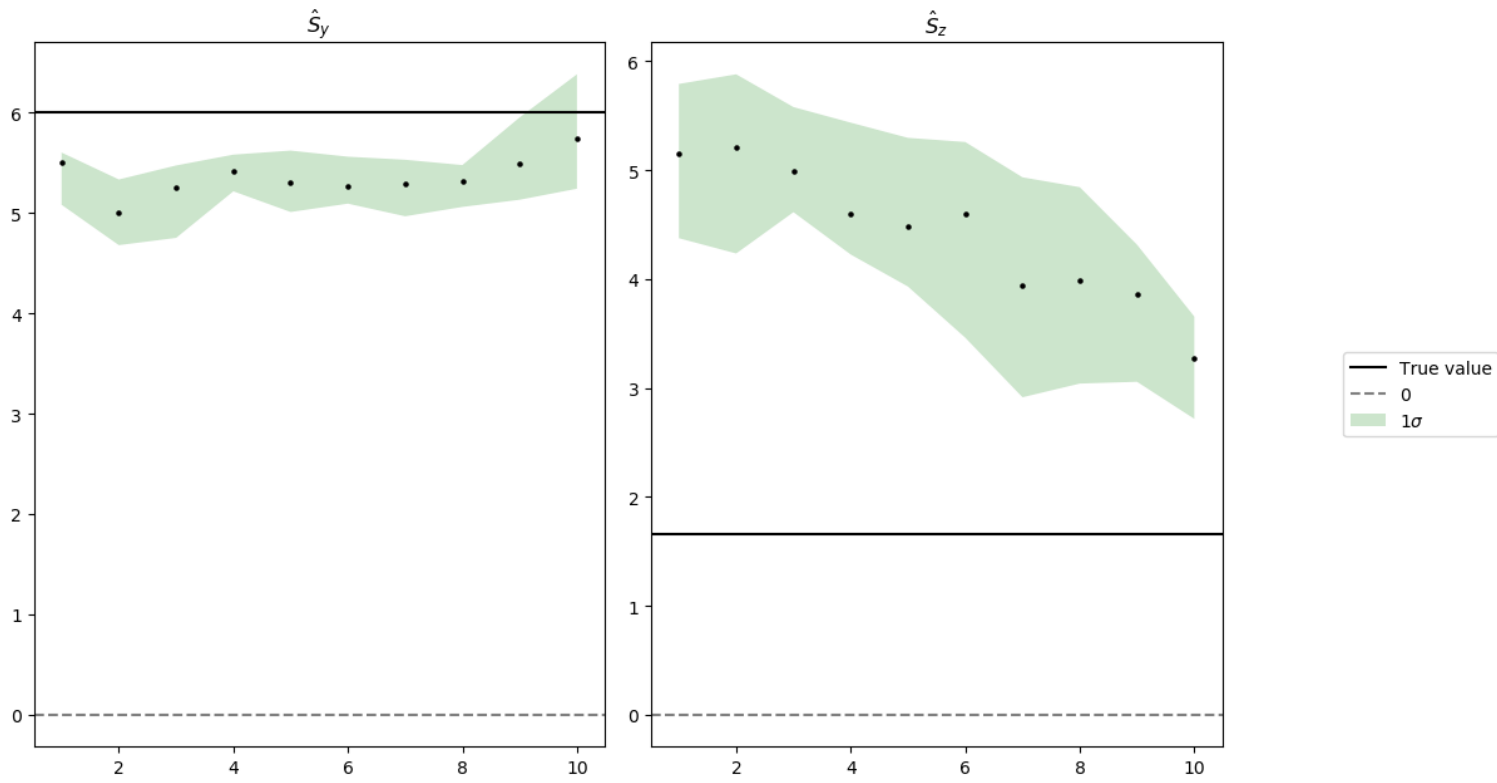


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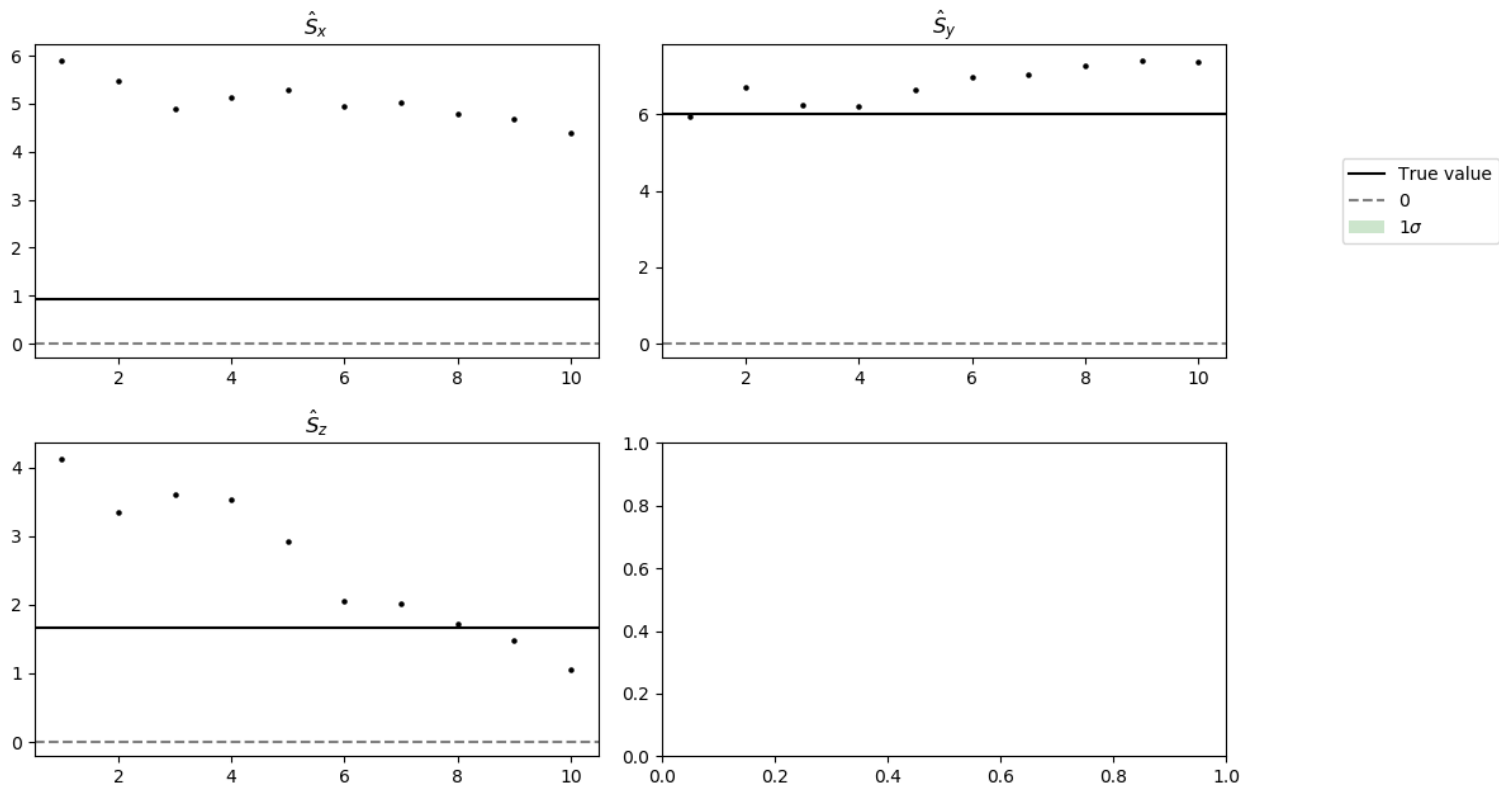
Parameter Estimates for  $\hat{S}_z$



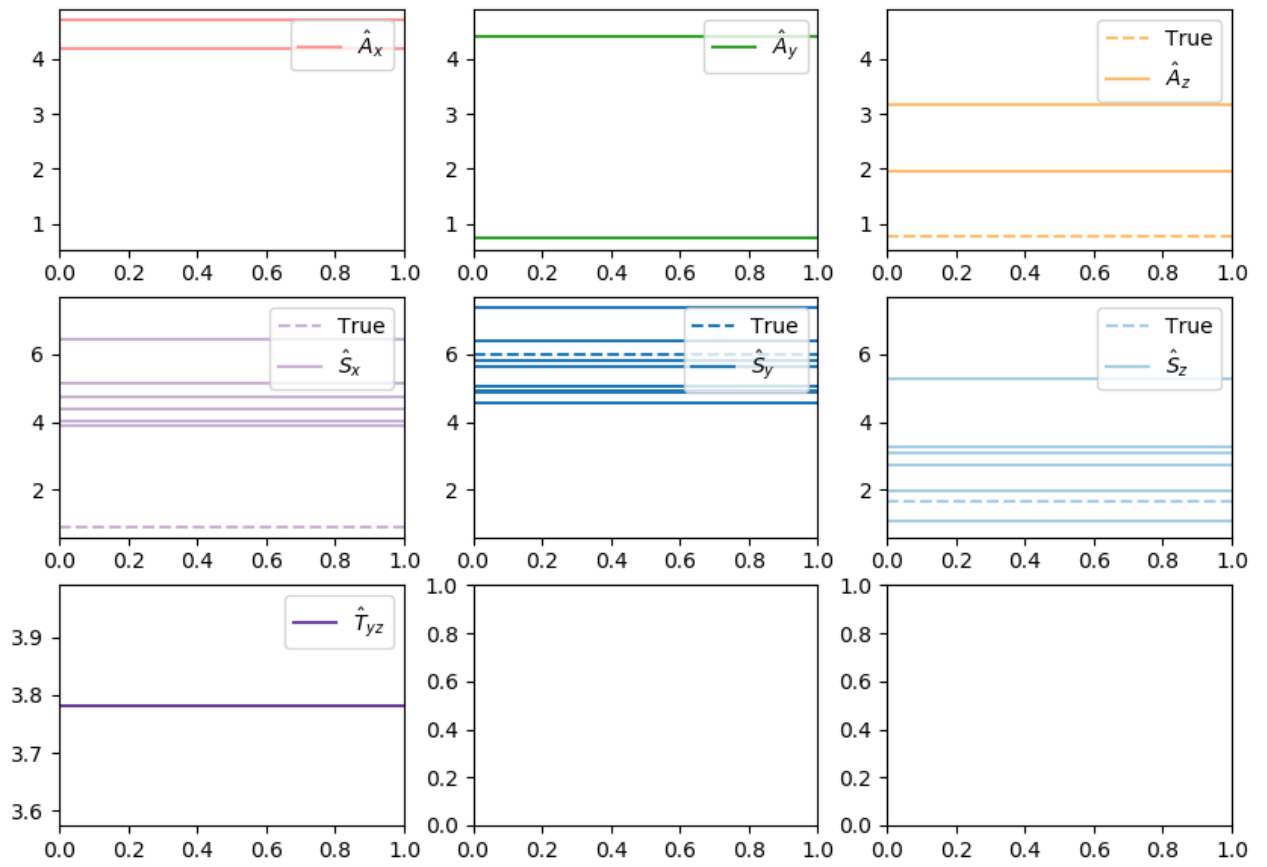


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Parameter Estimates for  $\hat{S}_z$

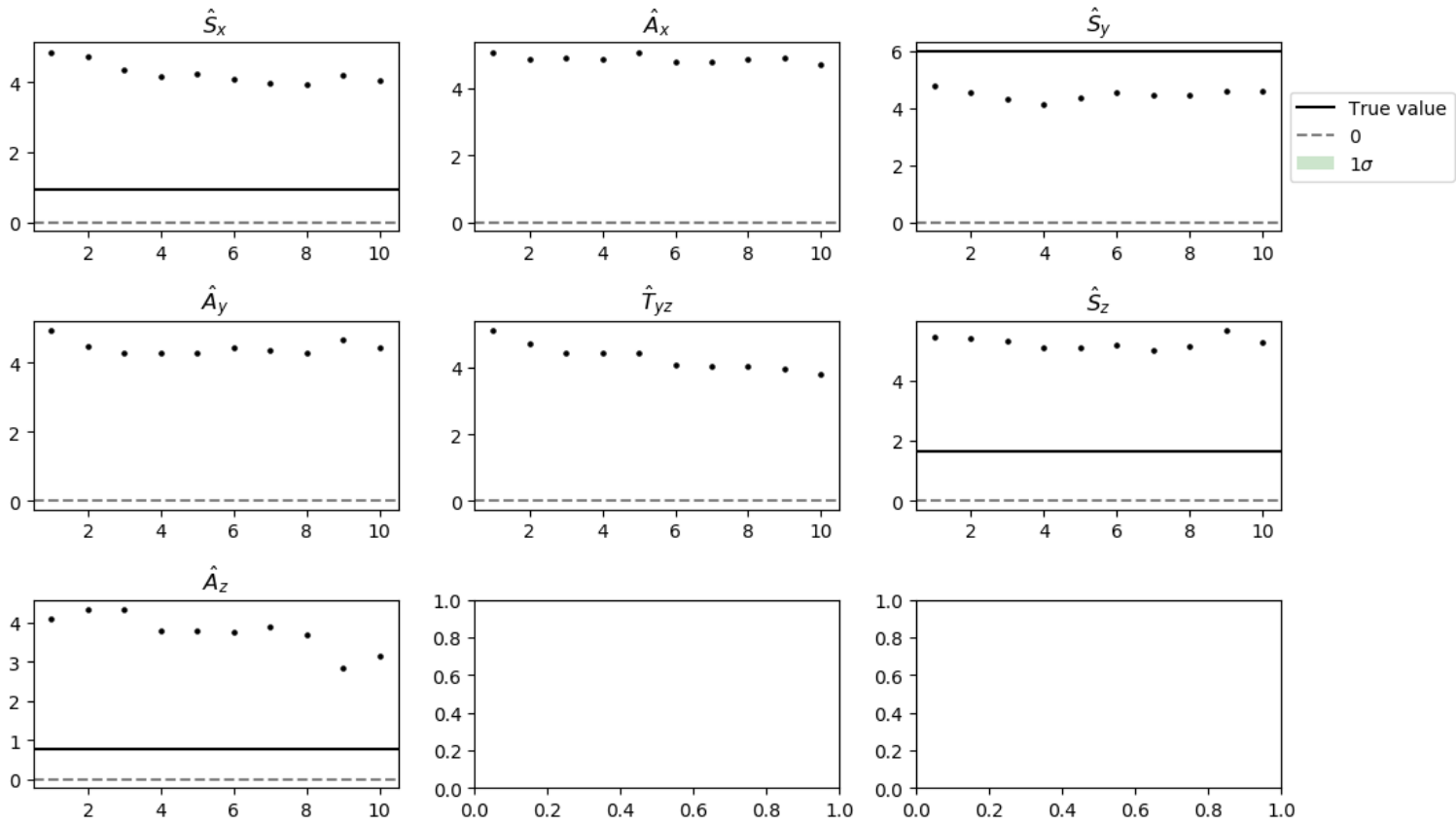


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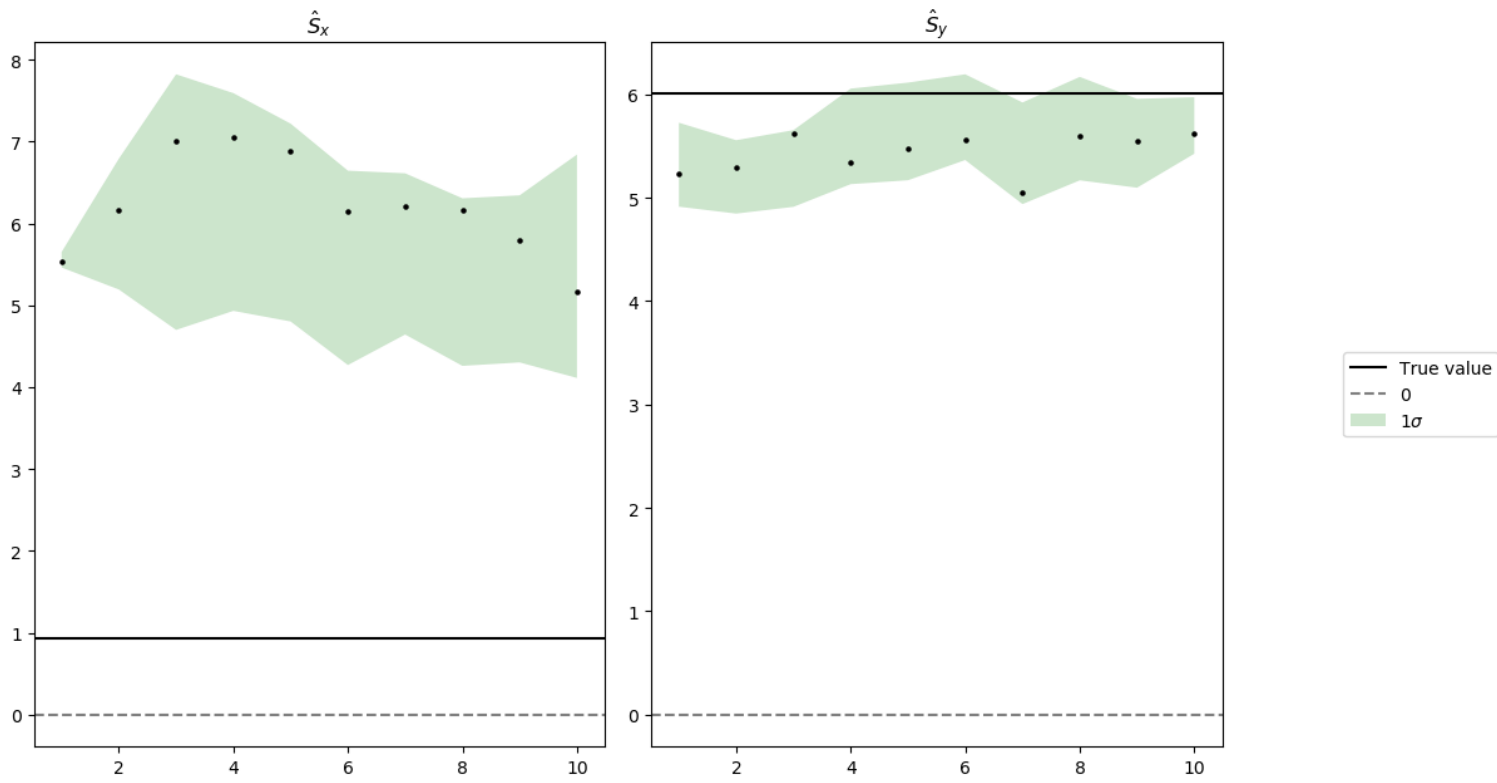
# QMD Analysis [Sep\_12/11\_55]

Parameter Estimates for  $\hat{A}_z$

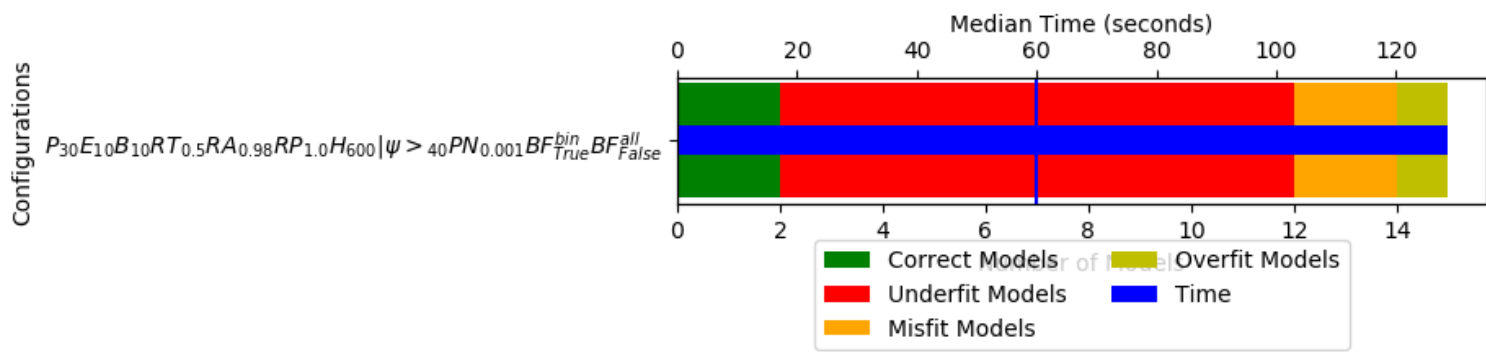


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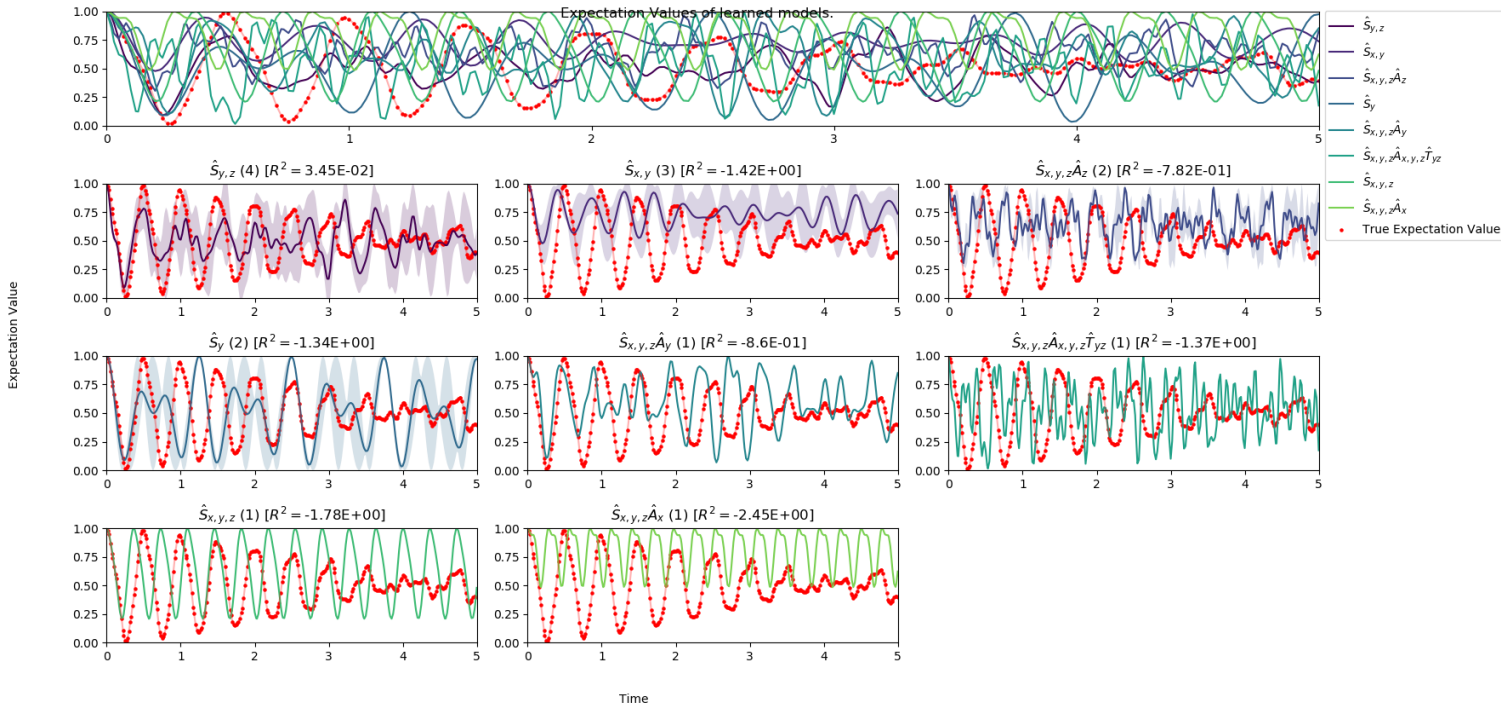
Parameter Estimates for  $\hat{S}_y$



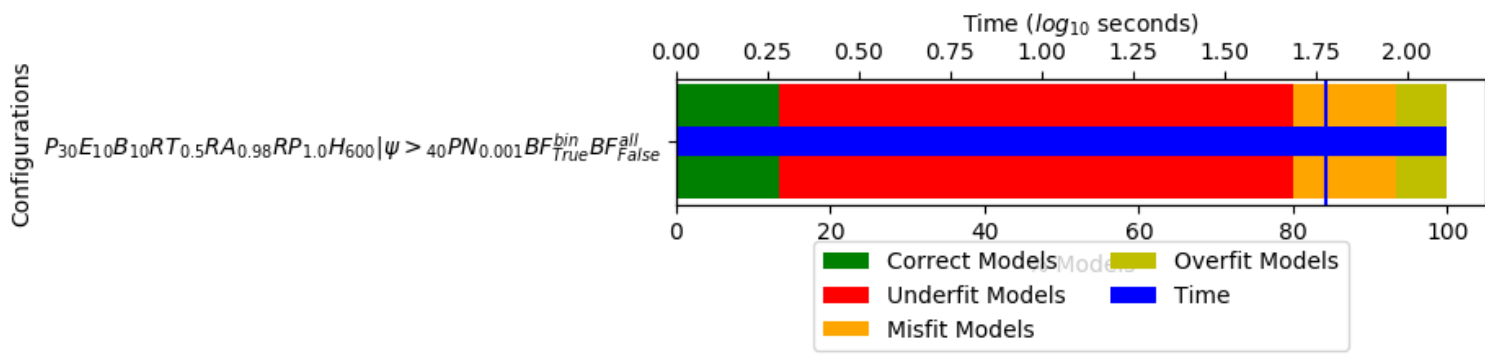
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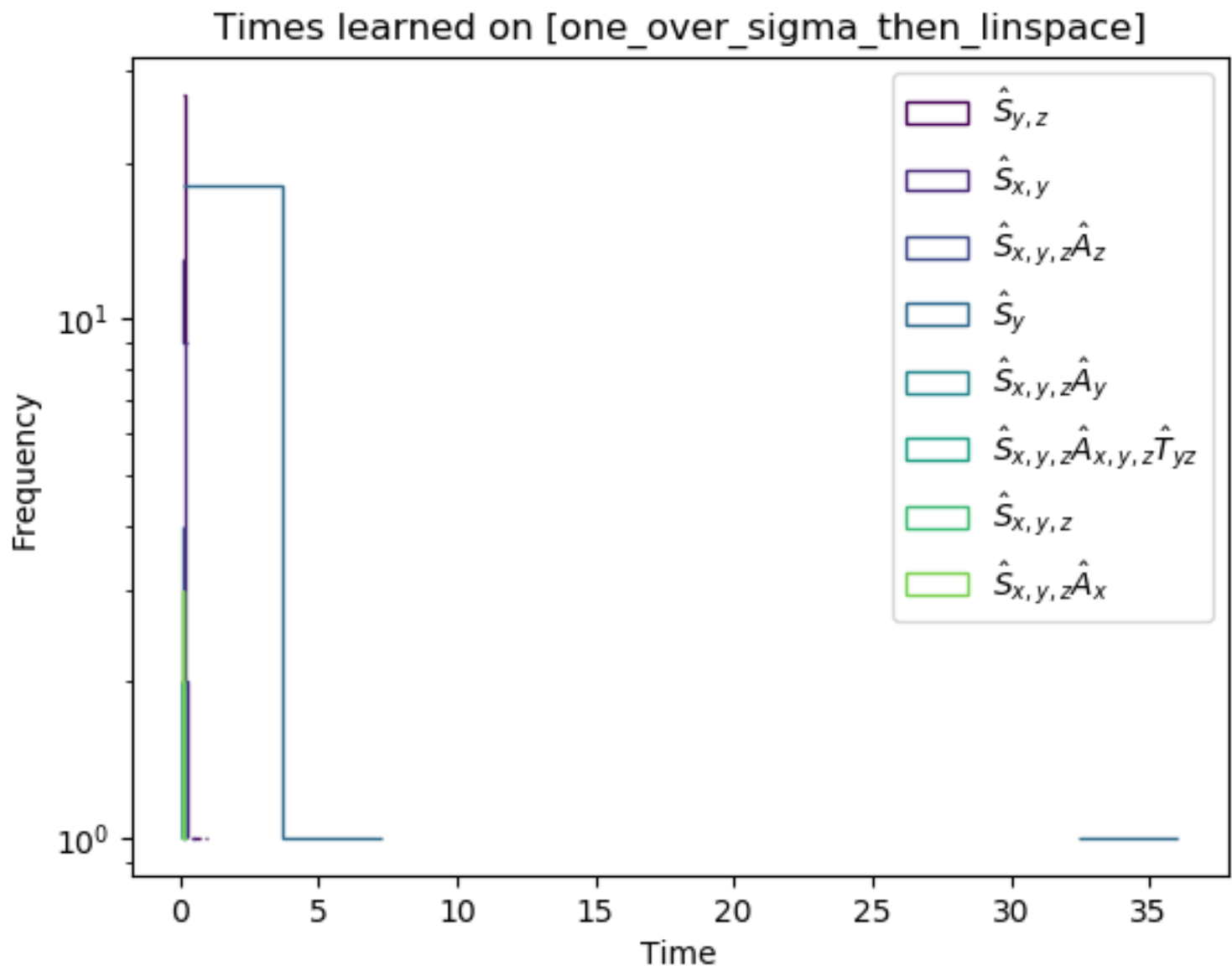


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