QMD Analysis [Oct_01/12_39]

results_directory : /panfs/panasas01/phys/bf16951/QMD/ParallelDevelopment/Results/Oct_01/12_39

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 : NV-exp-method-sim__random-phase--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_39/cumulative.csv

experimental_data : 0

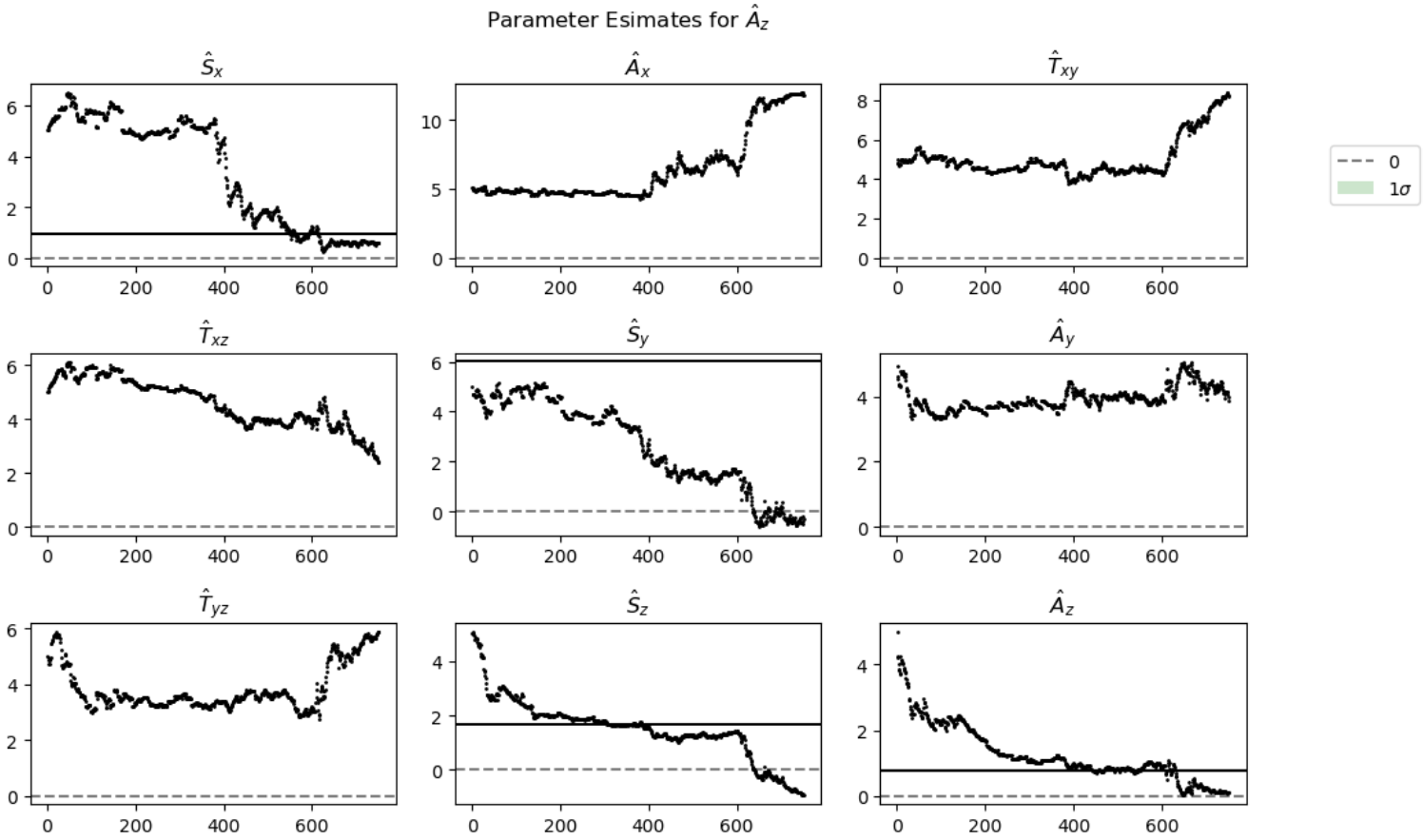
expectation_value_func : n_qubit_hahn_evolution

heuristic : one_over_sigma_then_linspace

probe_generation_function : plus_plus_with_phase_difference

plot_probe_generation_function : plus_probes_dict

QMD Analysis [Oct_01/12_39]



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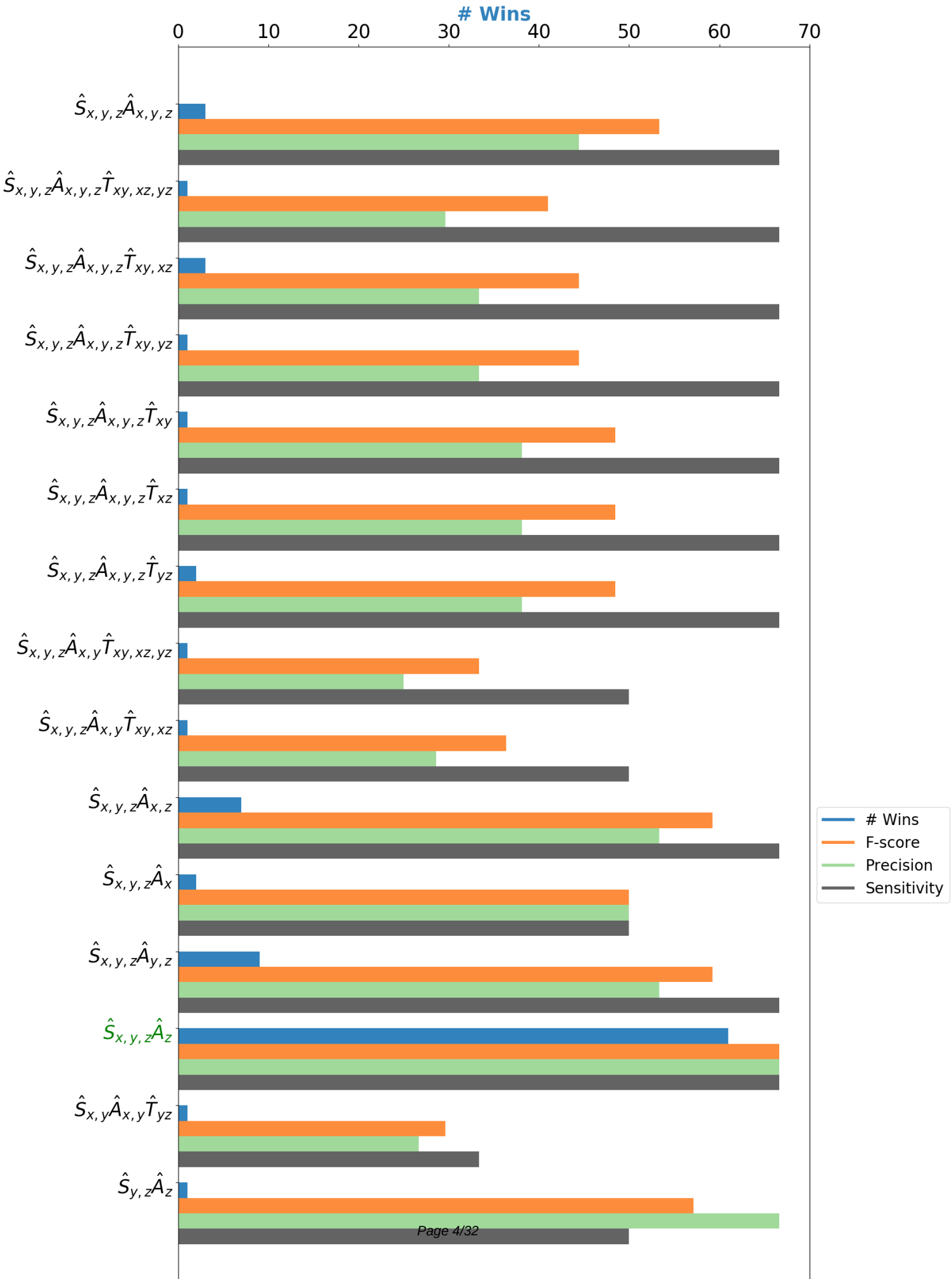

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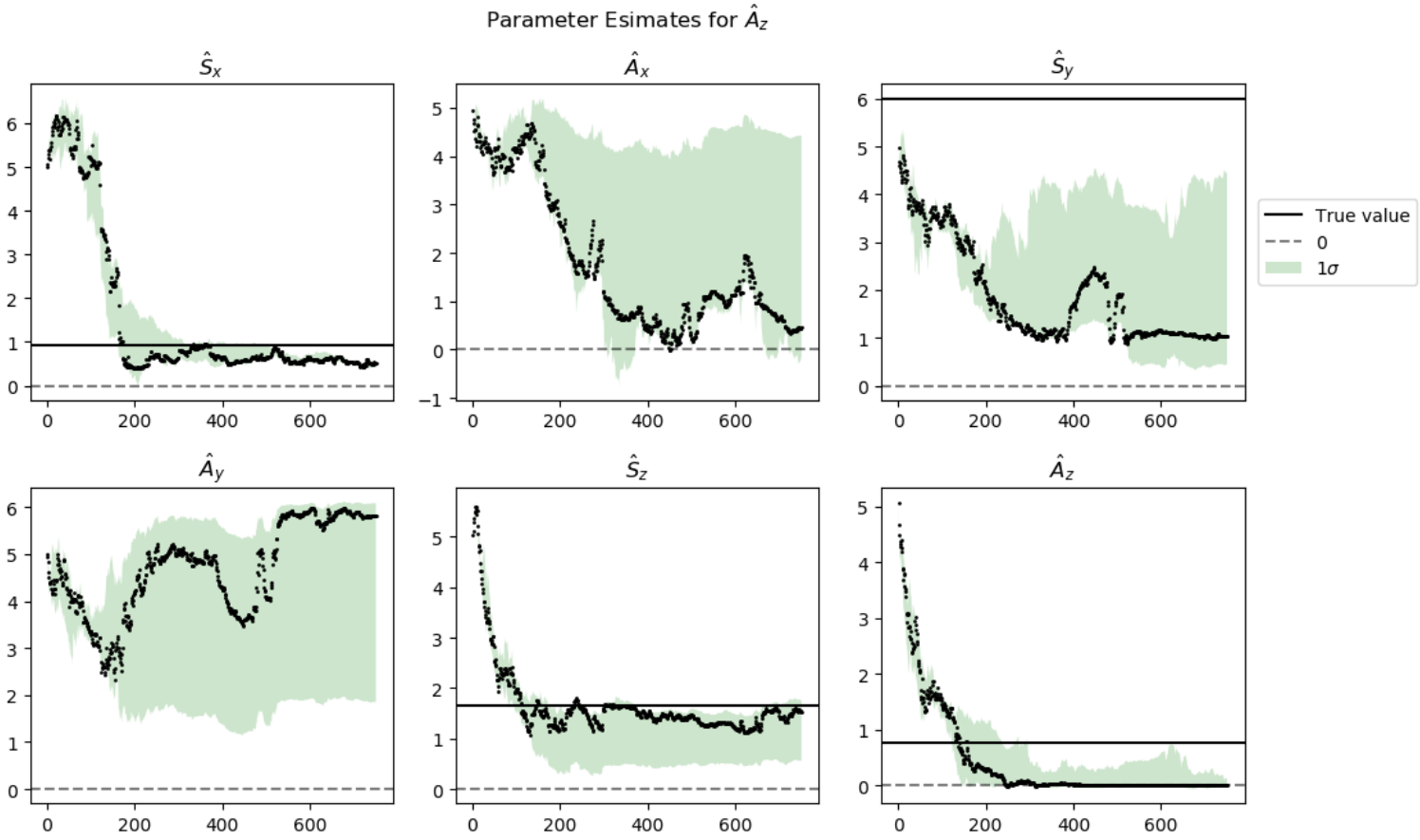

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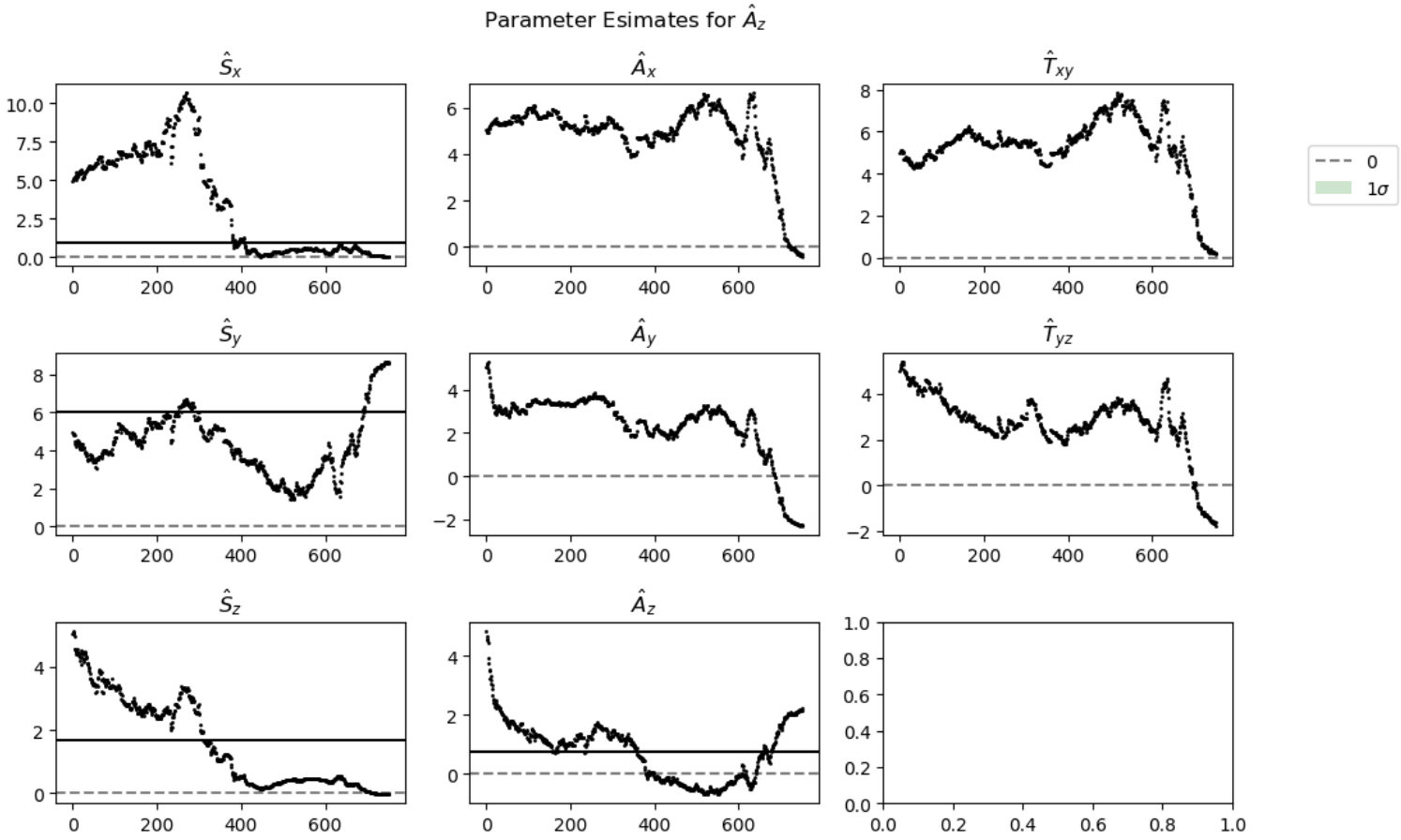

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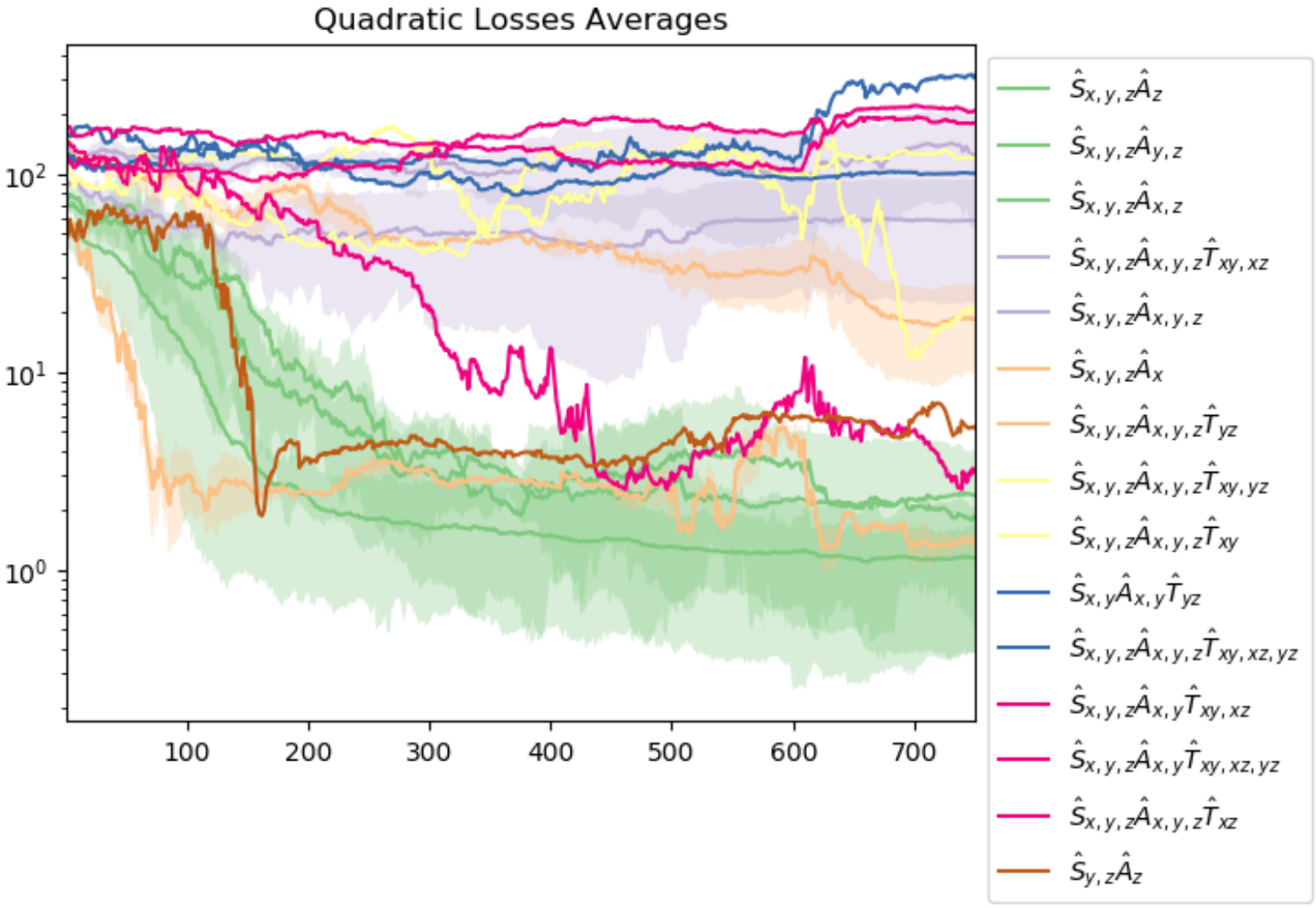

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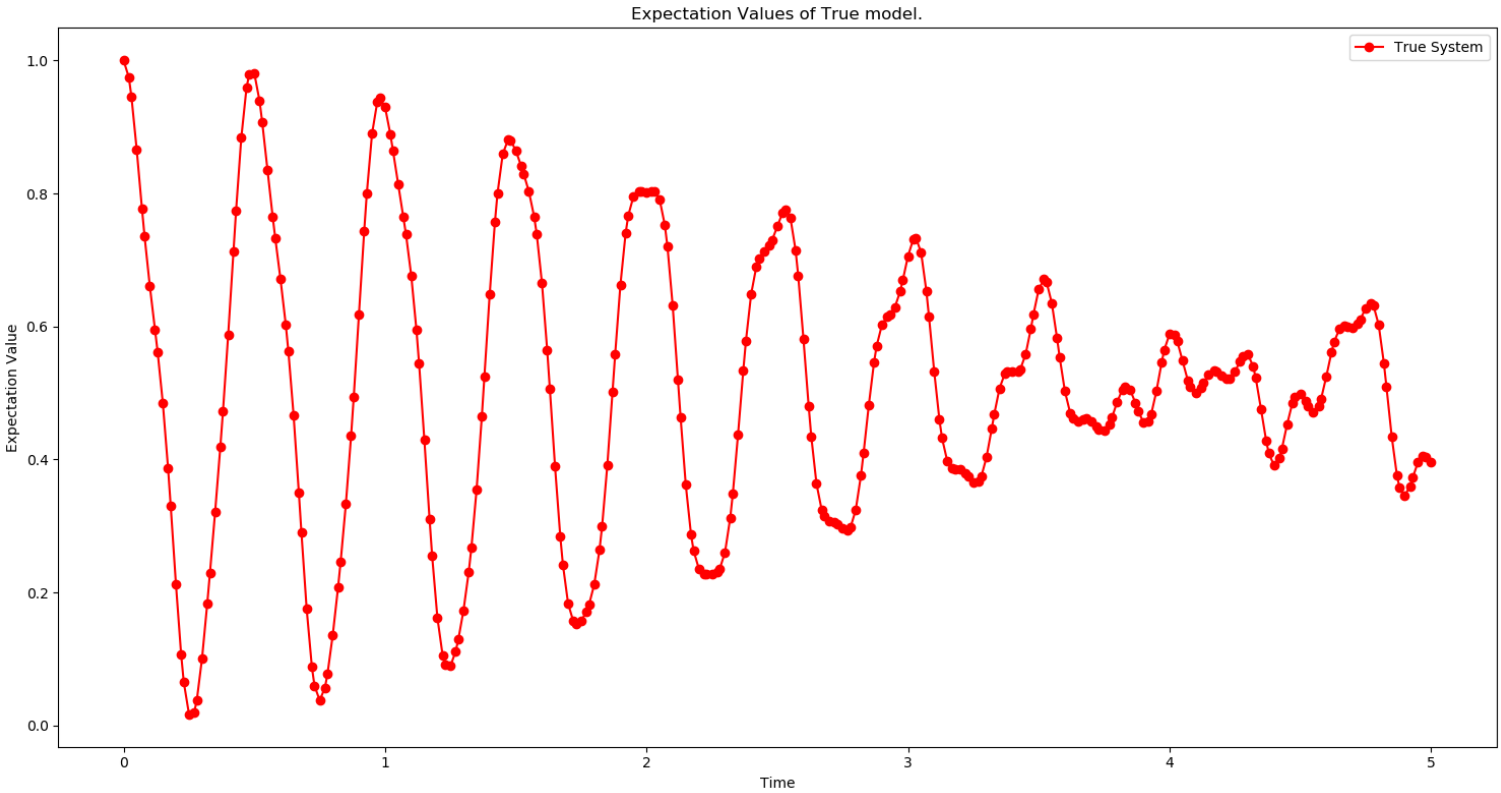

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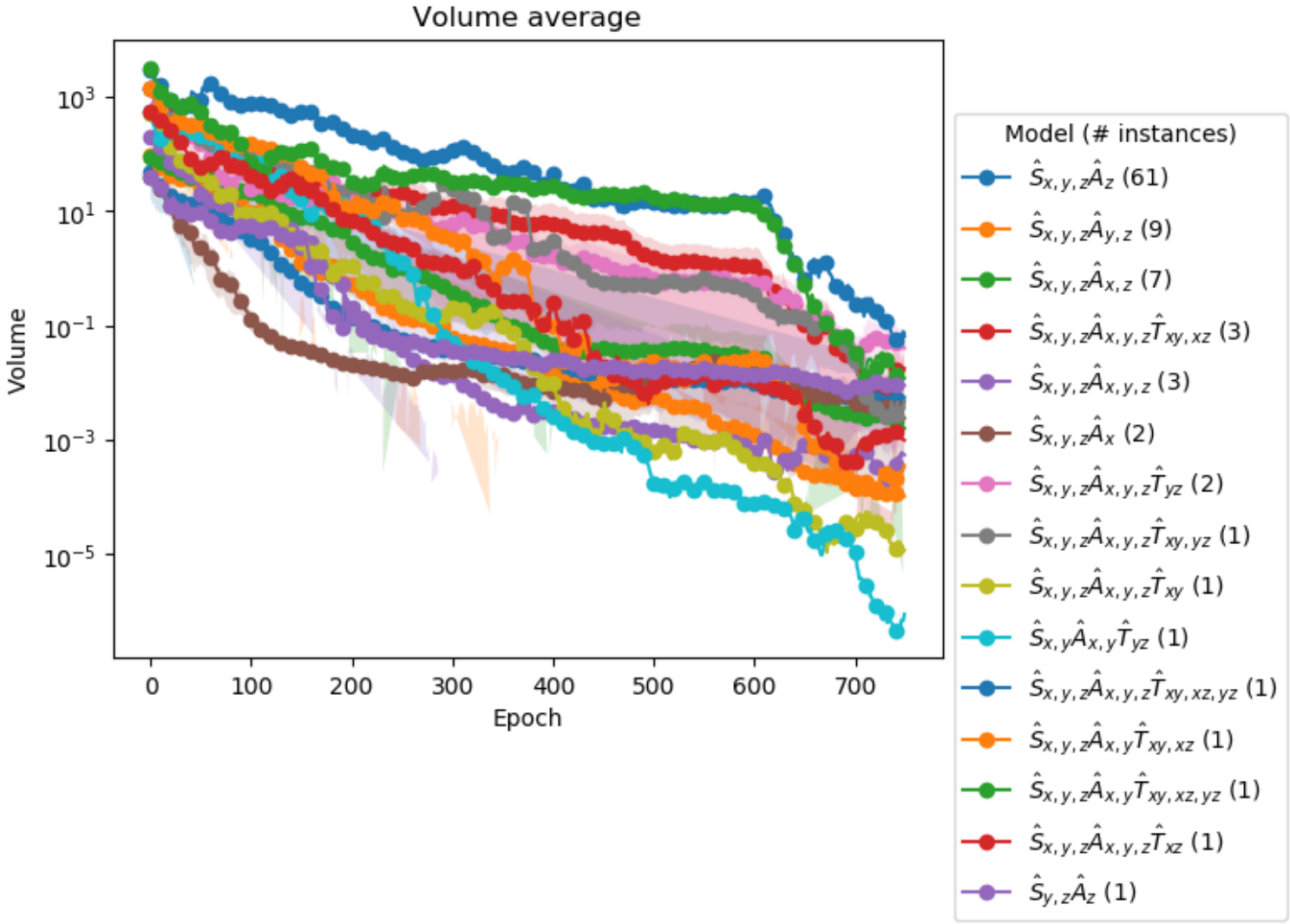

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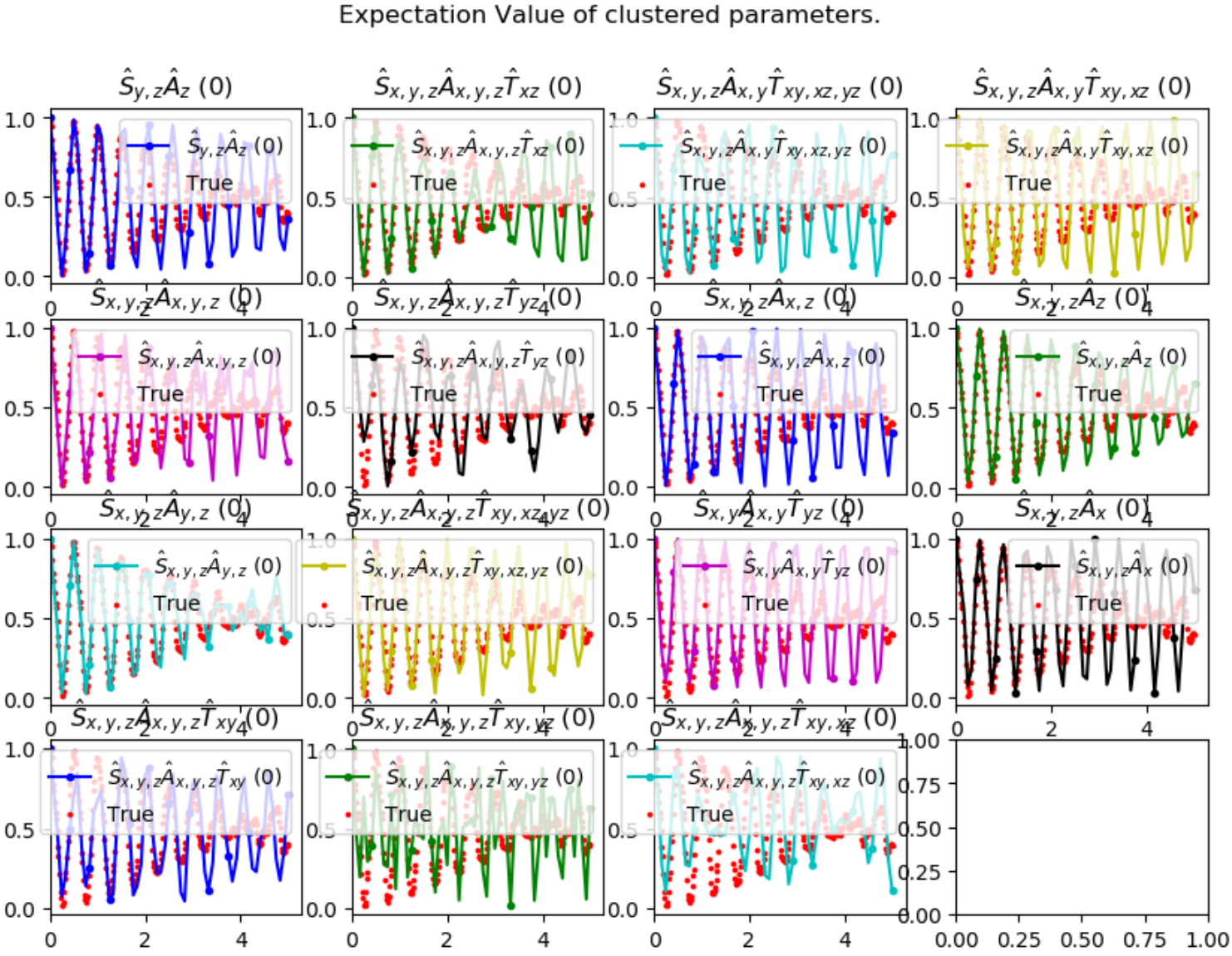

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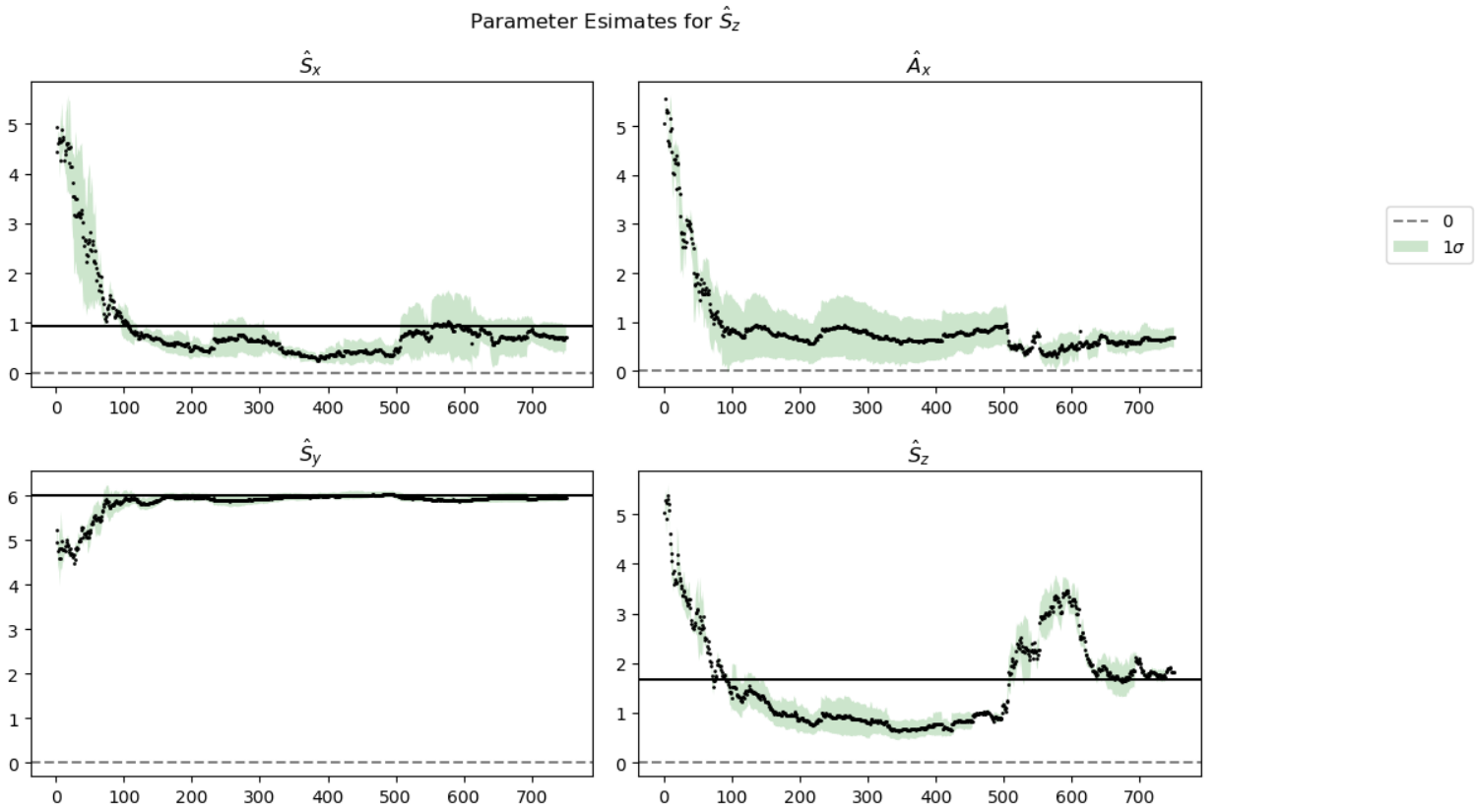

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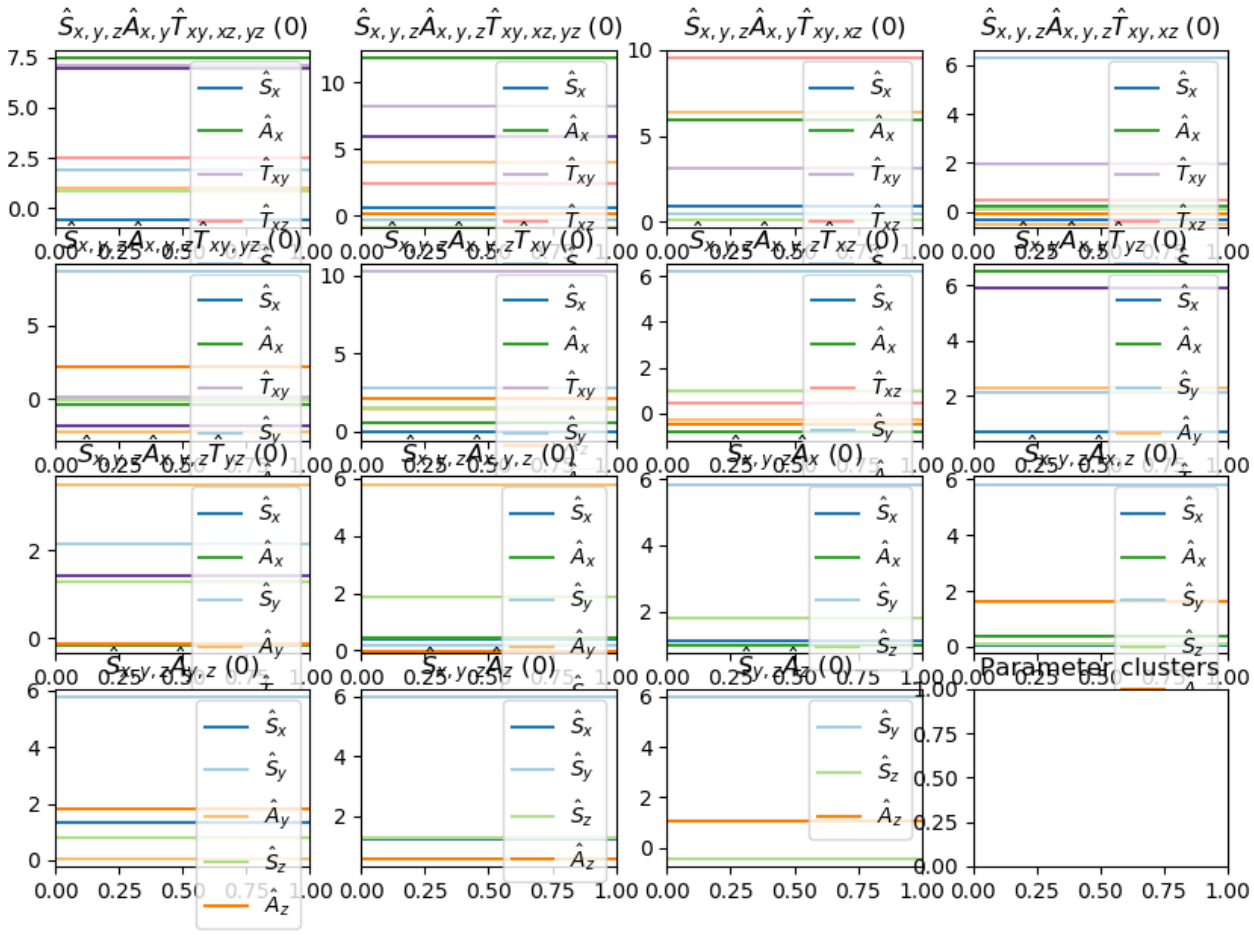

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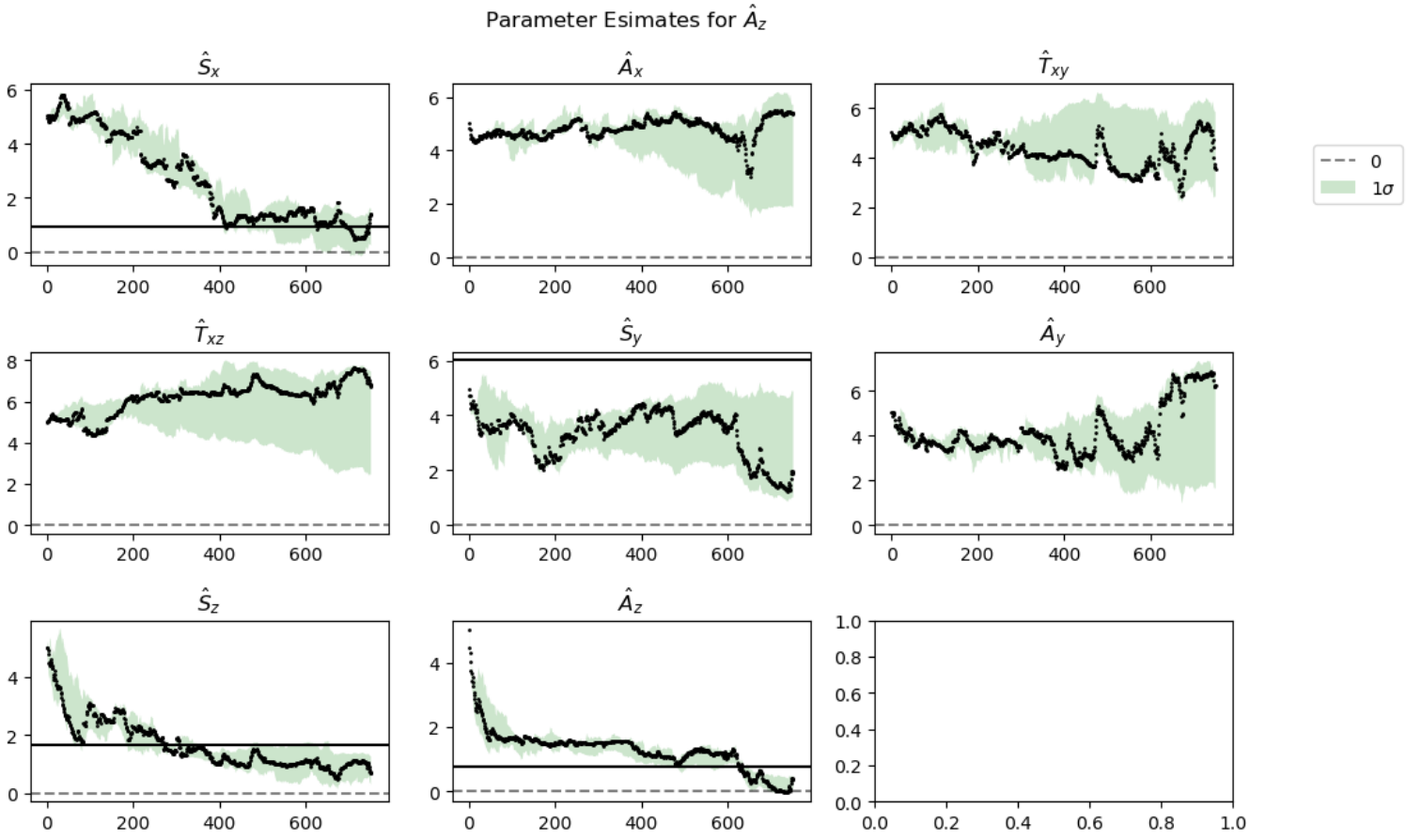

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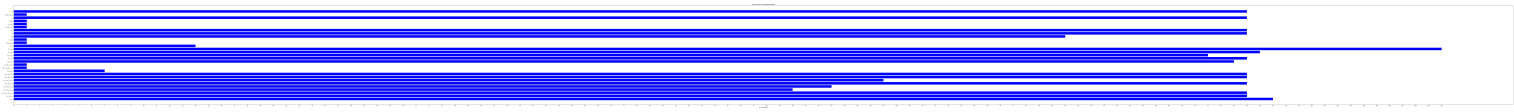

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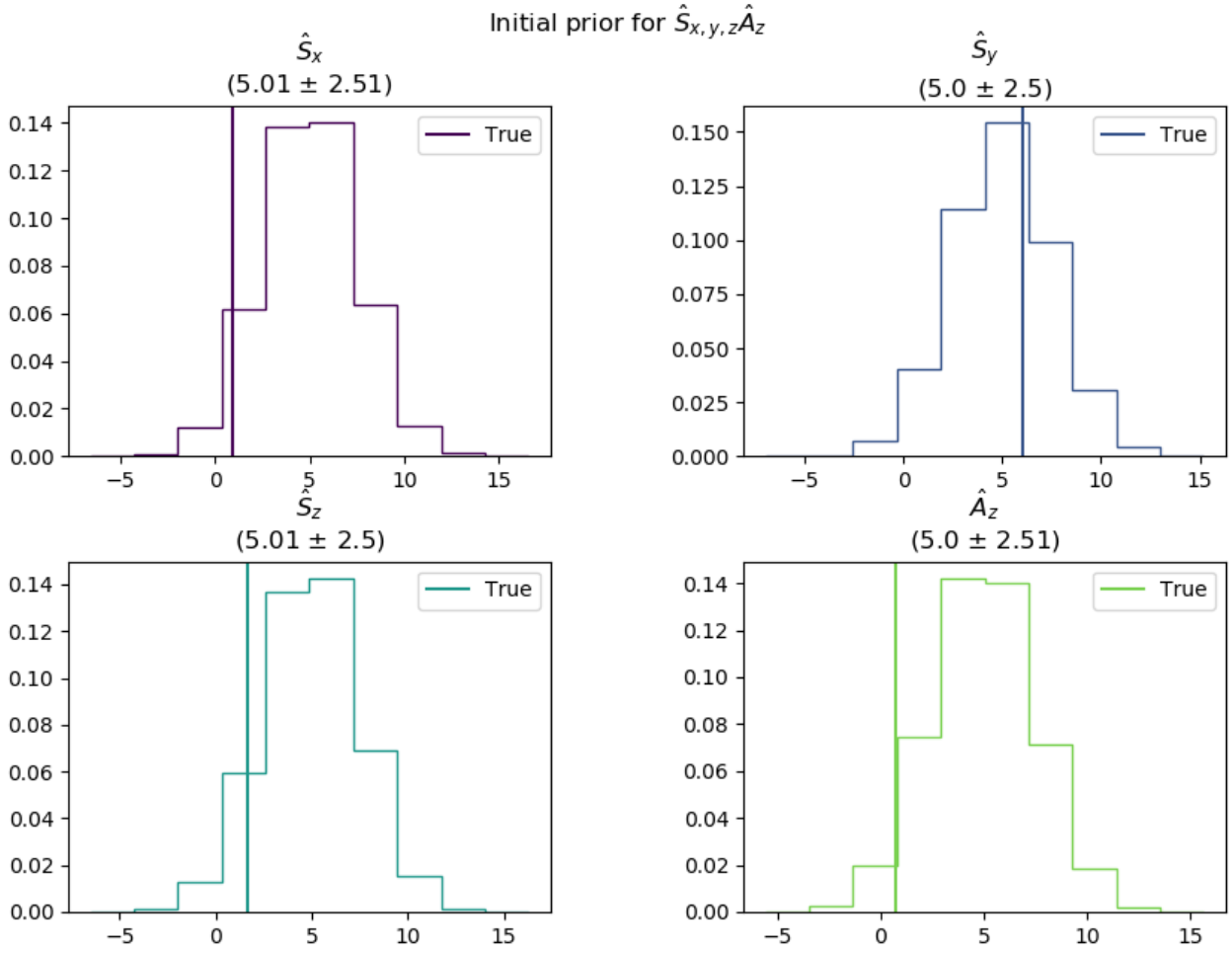

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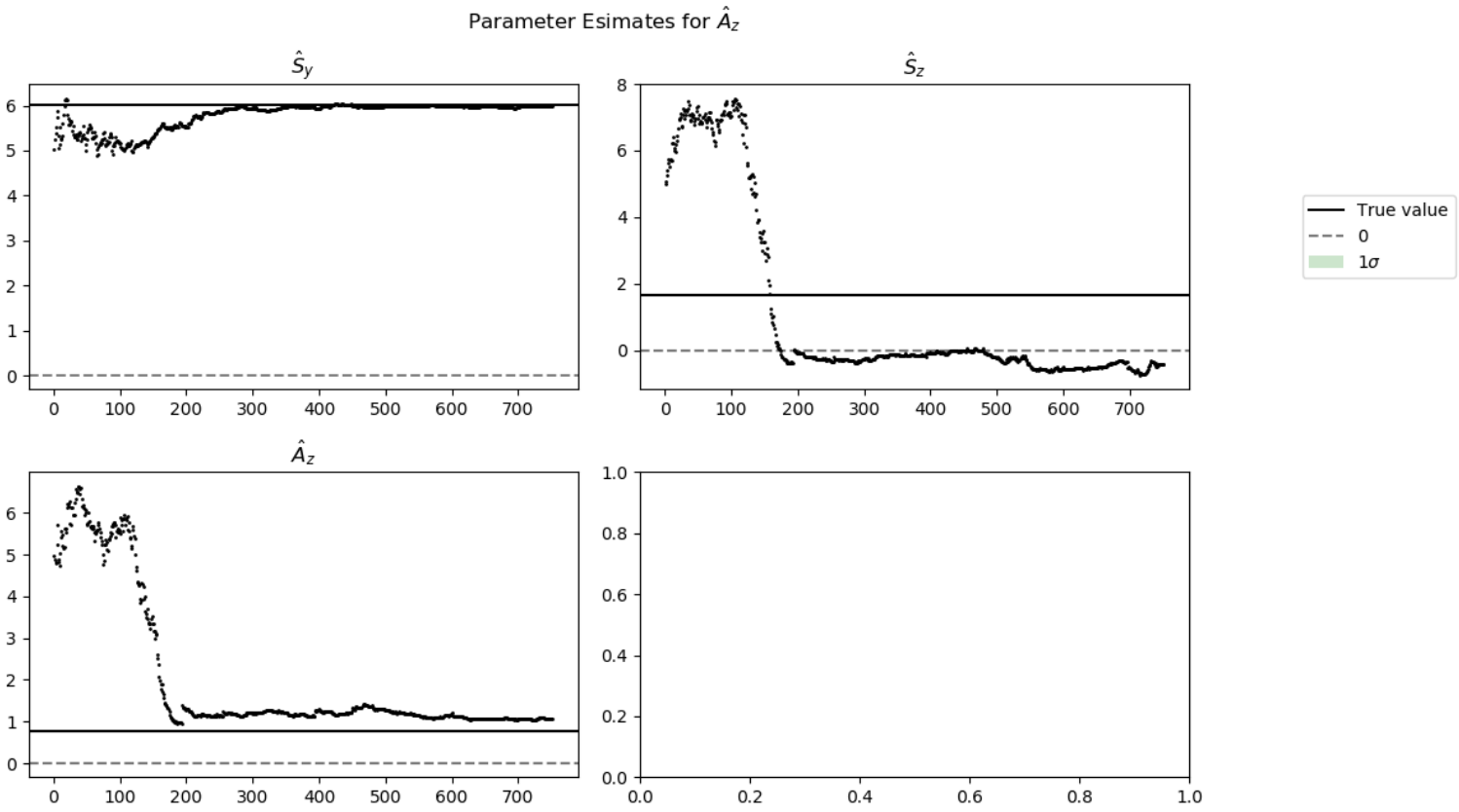

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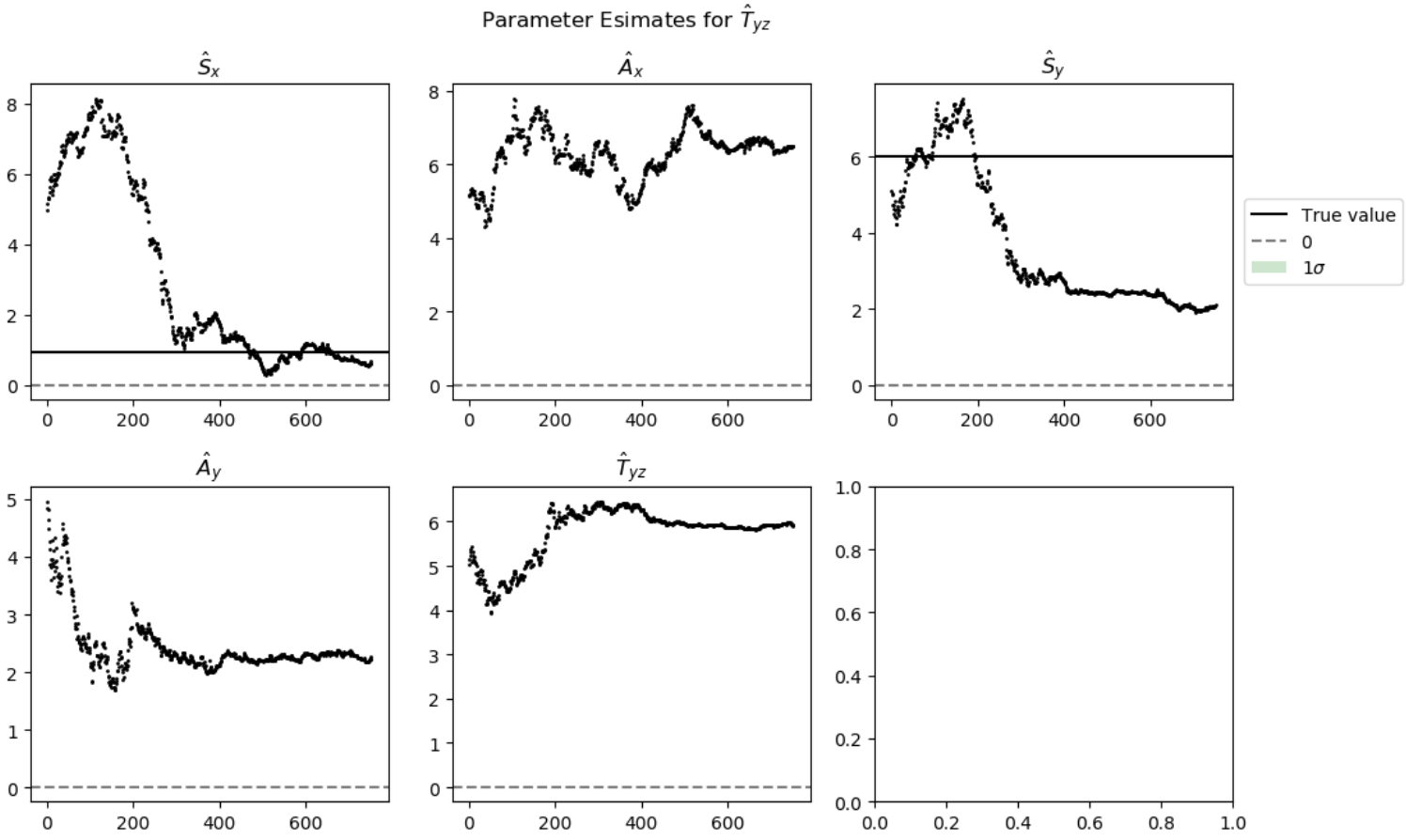

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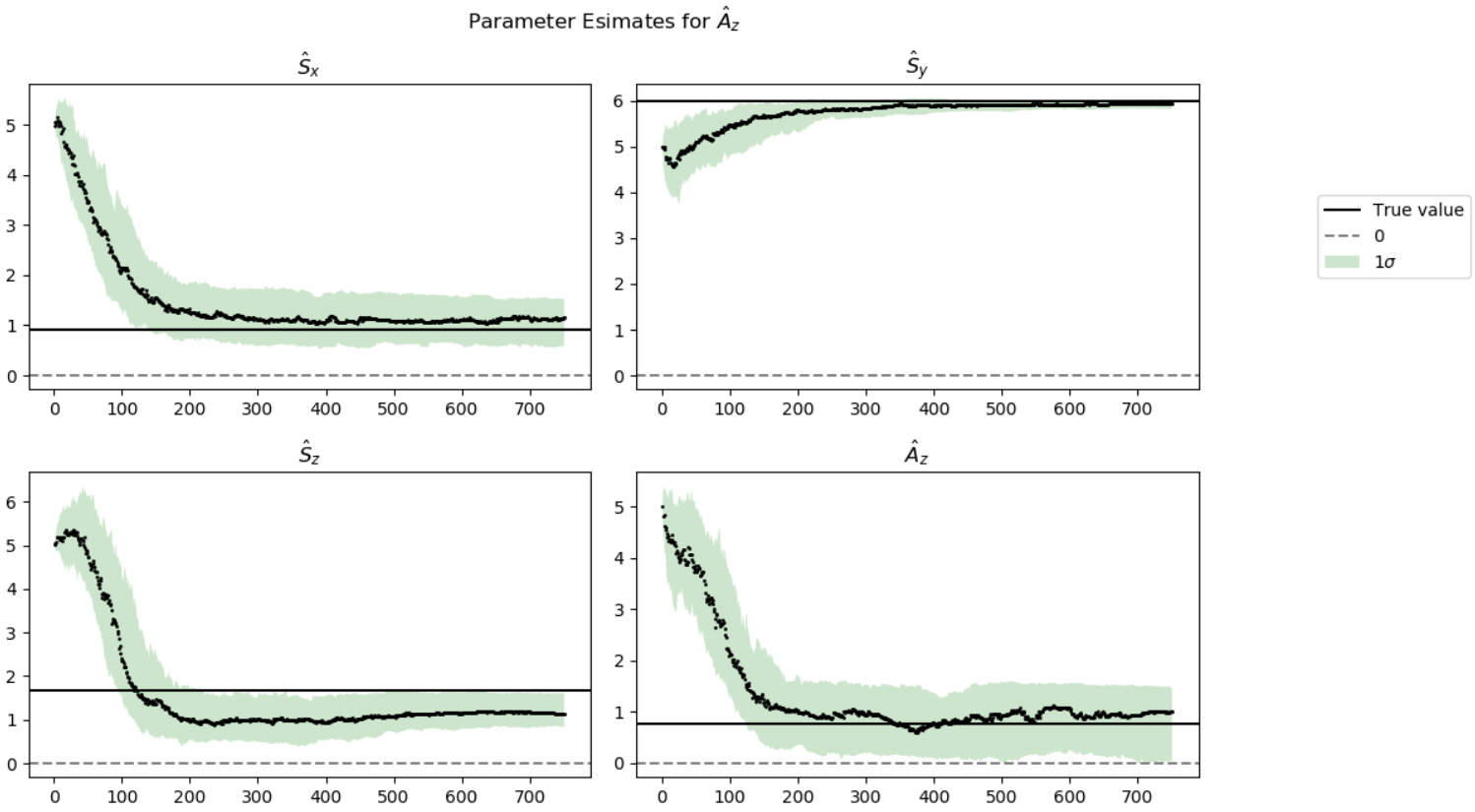

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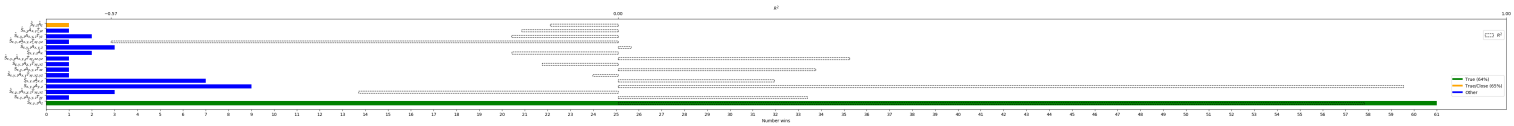

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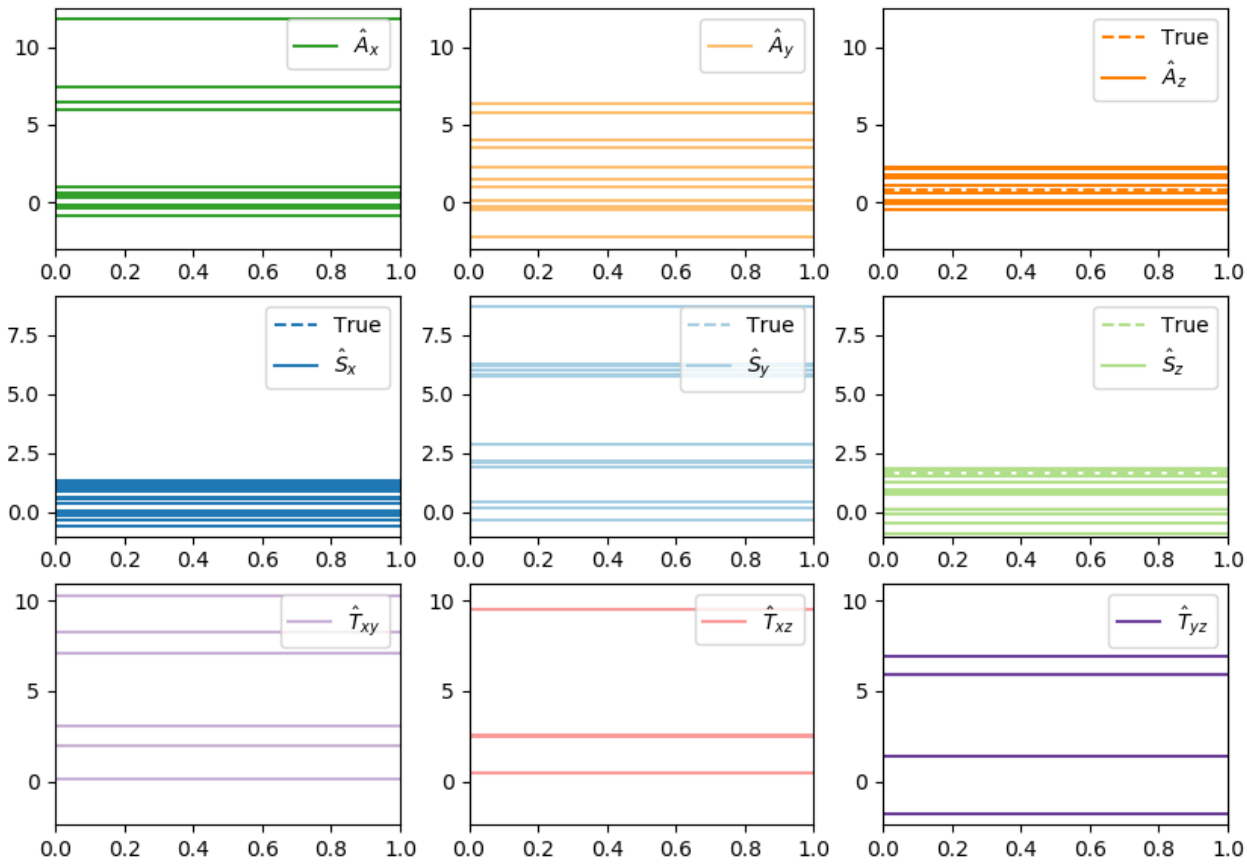

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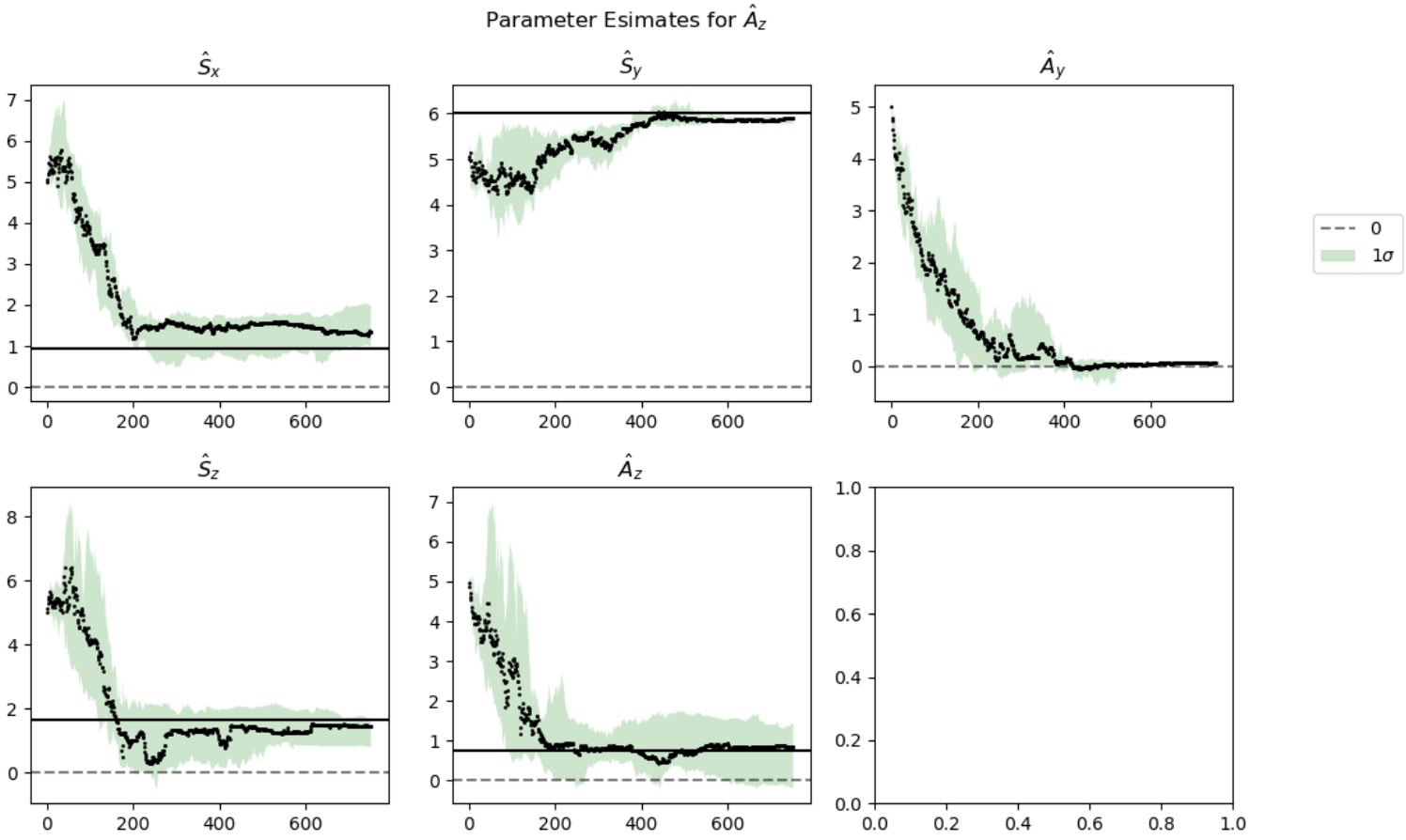

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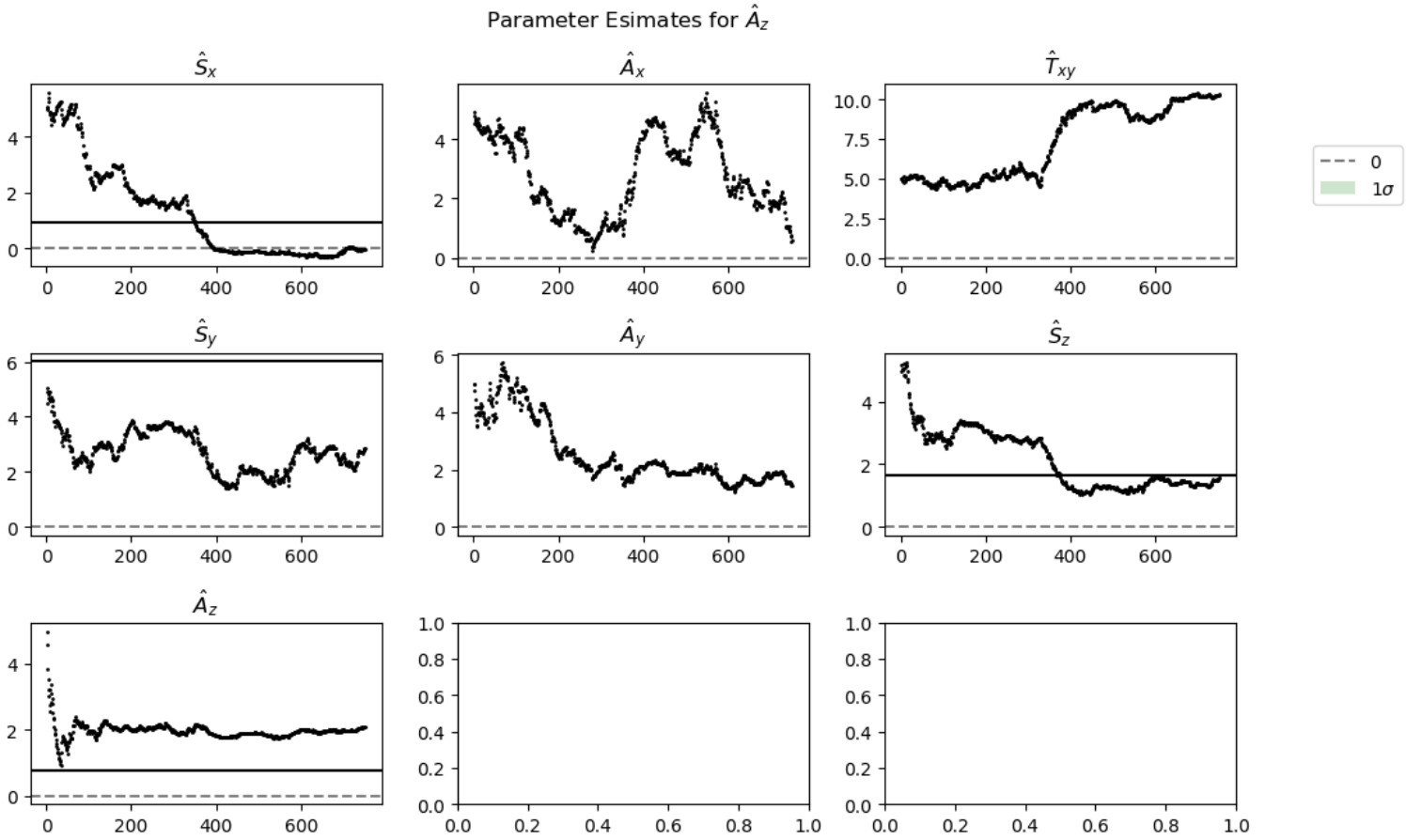

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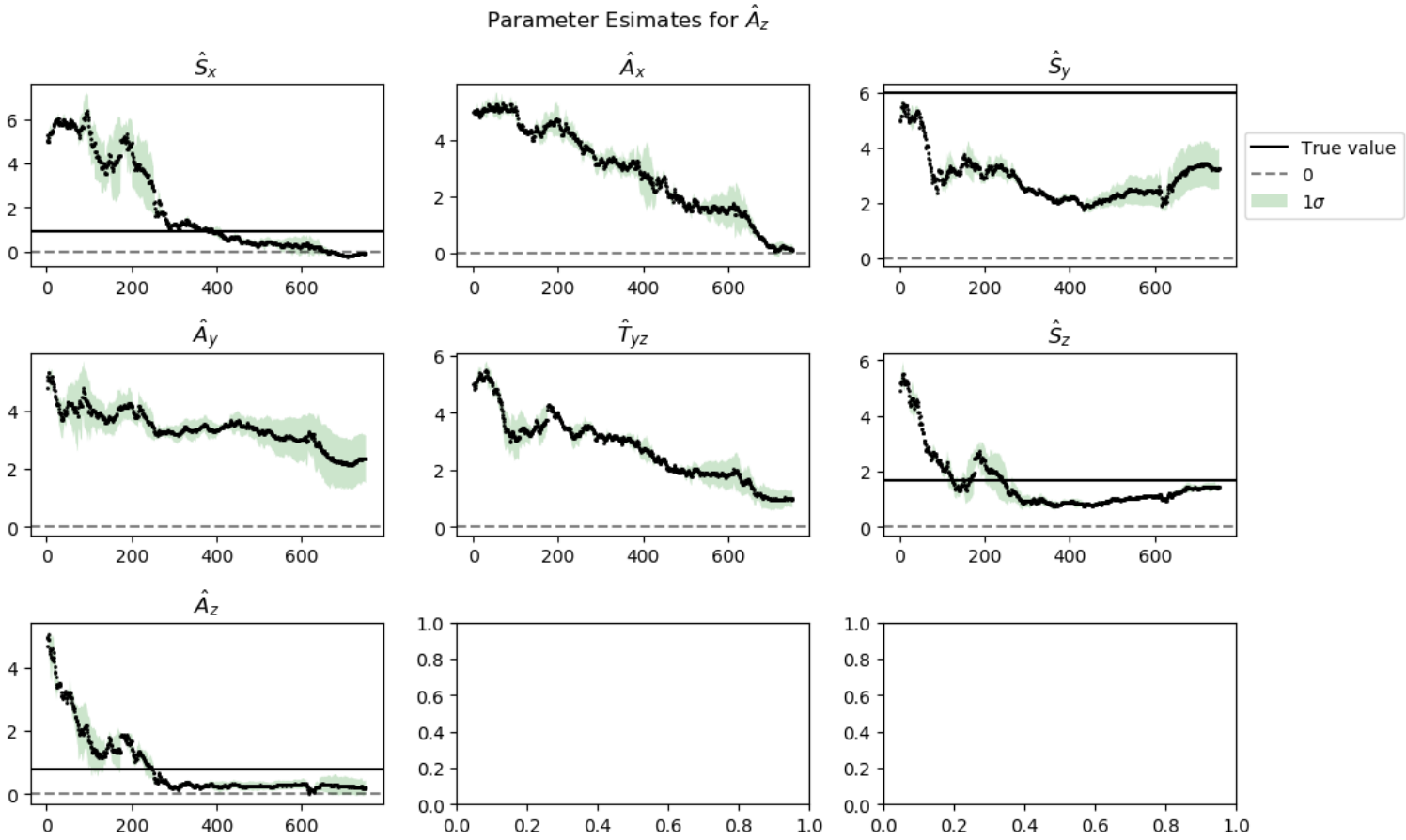

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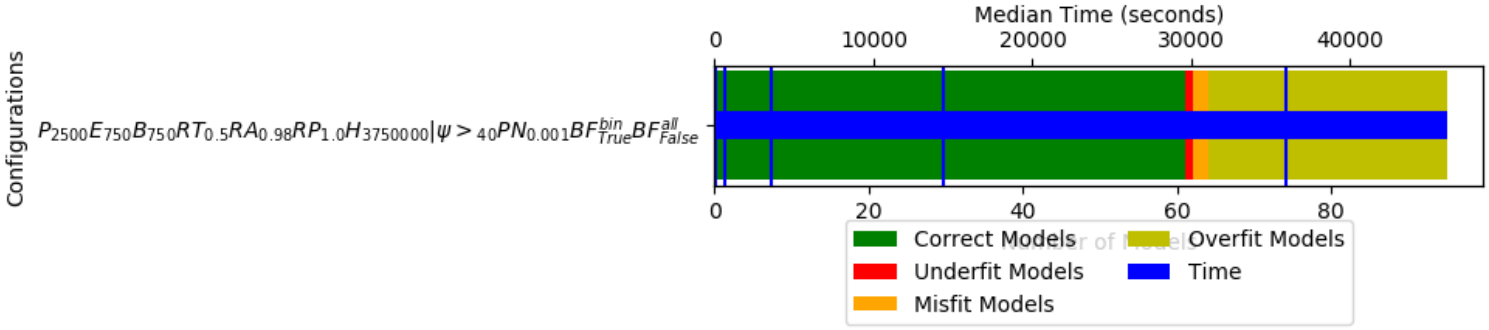

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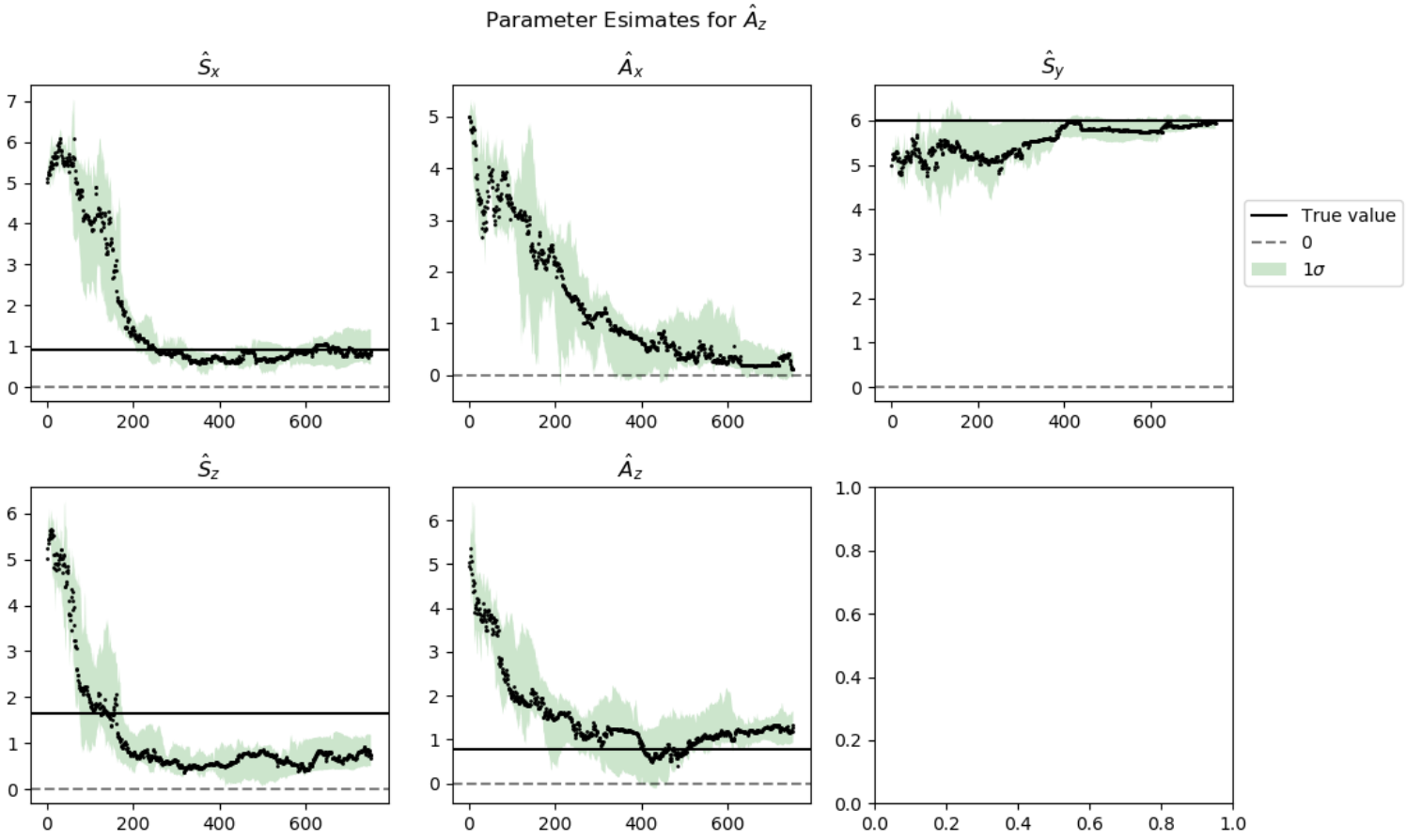

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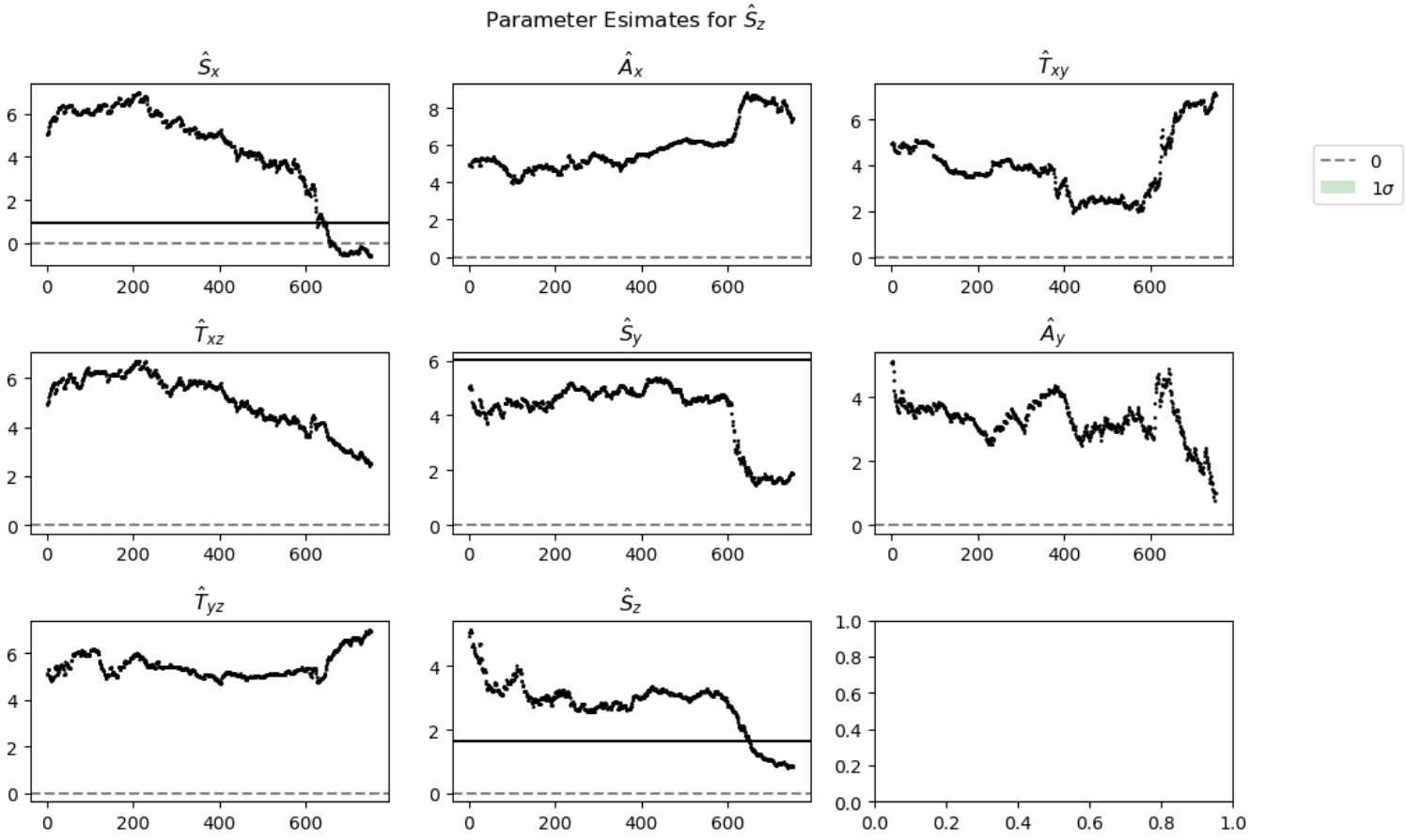

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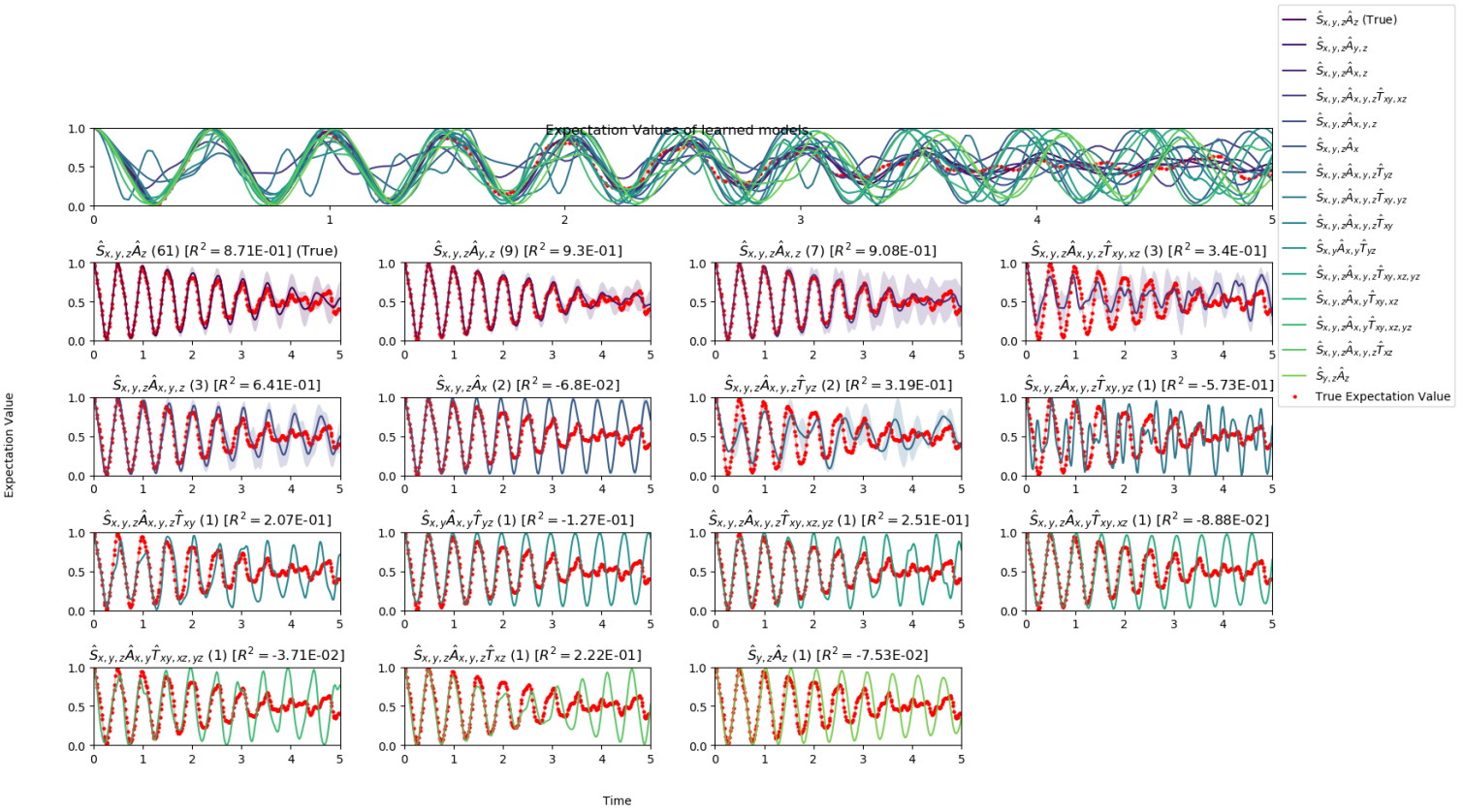

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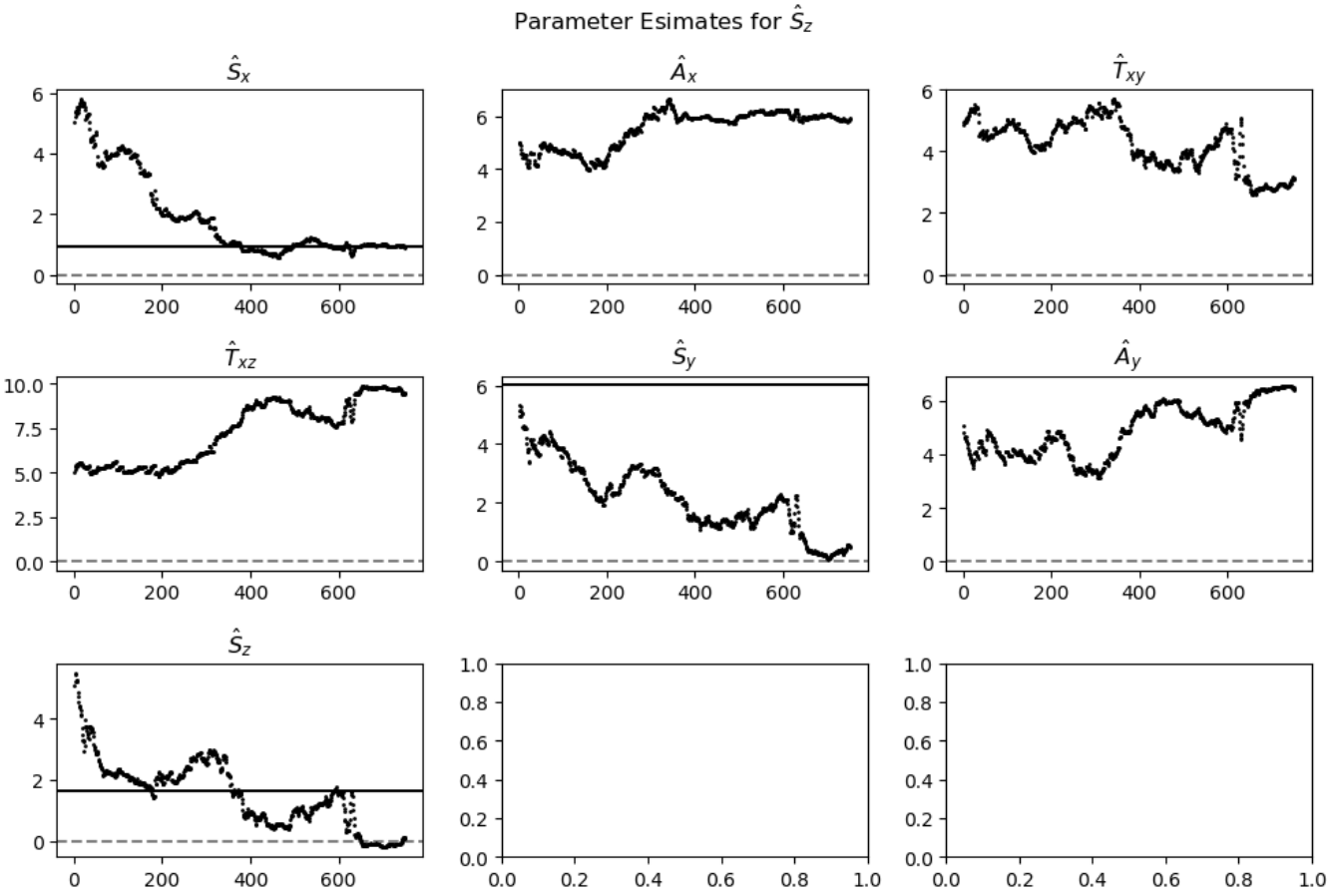

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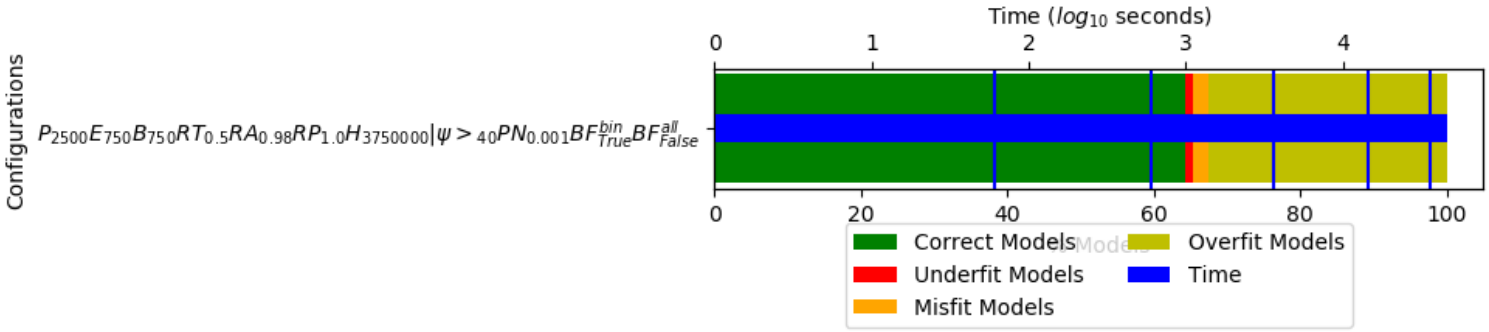

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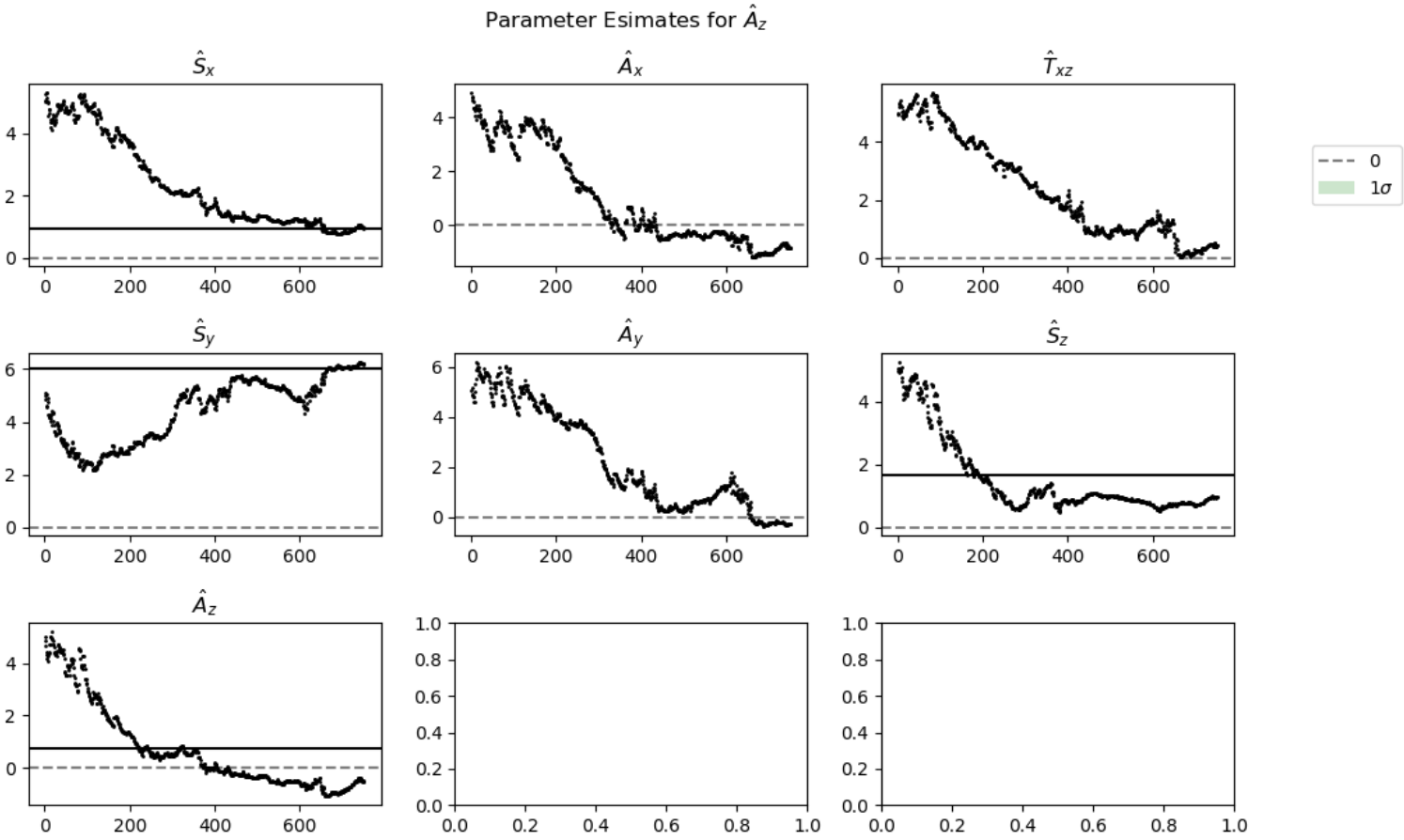

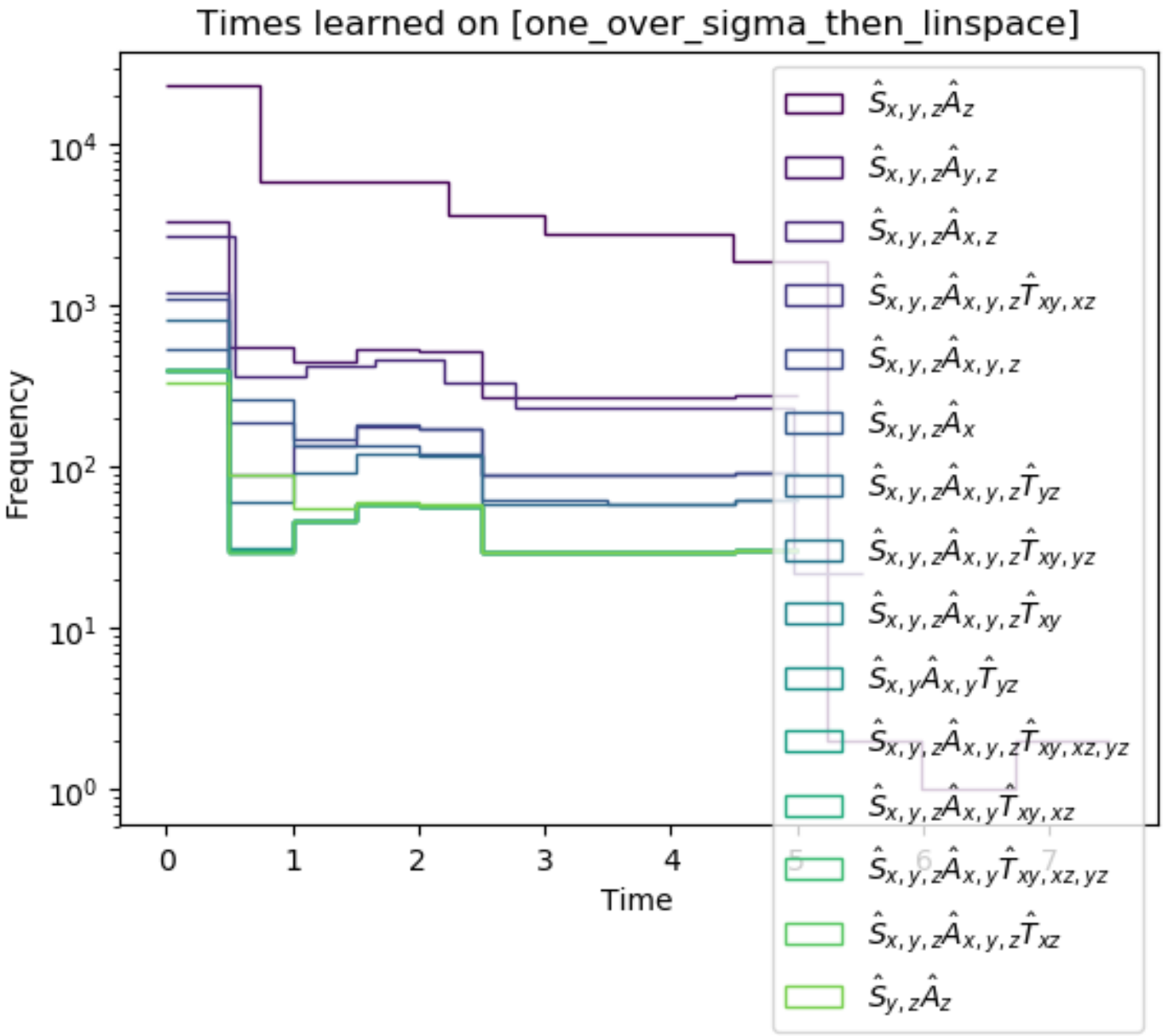
Times learned on [one_over_sigma_then_linspace]
Frequency
Time
10^0
10^1
10^2
10^3
10^4
0
1
2
3
4
5
6
7
$\hat{S}_{x,y,z}\hat{A}_z$
$\hat{S}_{x,y,z}\hat{A}_{y,z}$
$\hat{S}_{x,y,z}\hat{A}_{x,z}$
$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy,xz}$
$\hat{S}_{x,y,z}\hat{A}_{x,y,z}$
$\hat{S}_{x,y,z}\hat{A}_x$
$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{yz}$
$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy,yz}$
$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy}$
$\hat{S}_{x,y}\hat{A}_{x,y}\hat{T}_{yz}$
$\hat{S}_{x,y,z}\hat{A}_{x,y,z}\hat{T}_{xy,xz,yz}$
$\hat{S}_{x,y,z}\hat{A}_{x,y}\hat{T}_{xy,xz}$
$\hat{S}_{x,y,z}\hat{A}_{x,y}\hat{T}_{xy,xz,yz}$
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$\hat{S}_{y,z}\hat{A}_z$

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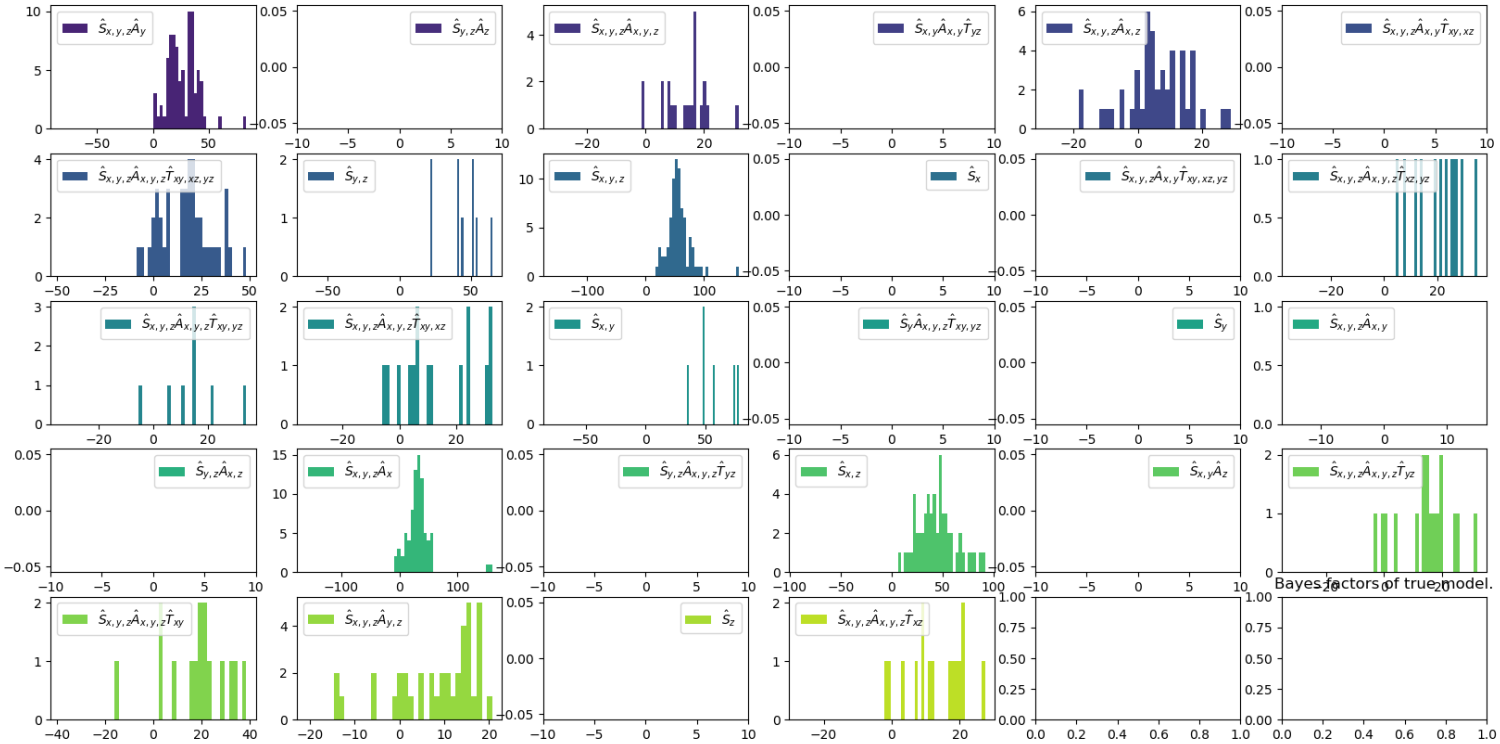

Bayes factors of true model.