

HS3 Testcase Submission

User provides:

- HS3.json file
- info on provenance
- Definition of NLL scans
- which backend to use (e.g. RooFit)

Website opens PR with metadata and HS3.json to

<https://github.com/hep-statistics-serialization-standard/HS3TestSuite>

Github workflow pulls reference-backend container, generates fixtures and augments PR.

<https://hs3-fixtures.app.cern.ch>

Submit HS3 Testcase

Upload your HS3 JSON and this tool will open a pull request to the [fixtures repo](#), where it's validated and used to test HS3-compatible tools.

DEMOS (Democratizing Models) works to make statistical models in various physics domains open, reusable, and interoperable across analysis frameworks.

[Fixtures repo](#) [DEMOS project page](#) [HS3 docs](#)

Name *

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Email *

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Testcase name *

Gaussian with normalization constraint

Testcase ID * snake_case, lowercase letters, digits, underscores only

gaussian_with_norm_constraint

Schema version * e.g. 1.0.0

1.0.0

Source * e.g. doi, arXiv, or author list

arXiv:2301.00000

Description * brief summary of the testcase

A short summary of what this testcase verifies...

☐ Modified from source

Reference backend * reference implementation [@](#)

Select...

Tags comma-separated

roofit_tutorial

Conformance comma-separated

HS3-Core

Semantic comma-separated, optional

unbinned, gaussian

HS3 JSON *

↑

Choose a file or drag it here

[Paste JSON instead](#)

NLL scans optional — describe likelihood scan(s) this testcase should exercise. Upload/paste the HS3 JSON above first to populate the dropdowns.

No scans added yet.

+ Add scan

Submit testcase