

Samples Generation

Driver Script
Executables



samples Module

- Simple Random Sampling (`srs`)
- Latin Hypercube Sampling (`lhs`)
- L^2 -discrepancy optimized Latin Hypercube Sampling (`lhs-opt`)
- Sobol' sequence (`sobol`)
- Morris factorial sampling (`morris`)



Design matrix

CSV

Model Execution

CSV



Computer codes launcher
& Outputs Post-processing

Externally implemented



Sensitivity Analysis

CSV



Design matrix

Sensitivity Analysis
Post-processor Modules

- Morris Screening Method (`morris`)
- 1st-order Sobol' indices
- Total-effect Sobol' indices



Sensitivity measures

CSV

gsa-module