

Data Dictionary: `example_parameters` JSON

Top-level key: `simulation_parameters`

Type: object

Description: Maps parameter names (str) to a specification describing how to sample from a statistical distribution for this metric in the simulation.

Structure summary

Each item under `simulation_parameters` is itself an object with:

- `class_name`: The name of the distribution class to use.
- `params`: An object containing parameters required by that distribution.

Parameter specification table

Field	Data type	Description	Example/Allowed values
Parameter name	str (object key)	Description name for the parameter: <code><patient>_<metric></code>	<code>adult_interarrival</code> , <code>child_consultation</code> , <code>elderly_transfer</code>
<code>class_name</code>	str	Statistical distribution for the parameter	<code>Exponential</code>
<code>params</code>	Object	Dictionary of parameters required to instantiate the distribution	See subsequent rows per distribution type

Distribution-specific `params` field

	Parameter key(s)	Data type	Description	Example values
<code>Exponential</code>	<code>mean</code>	float	Mean of exponential distribution	<code>5.0</code> , <code>0.2</code>

Glossary

Patient

- **child**: age 0 to 15 years.
- **adult**: age 16 to 64 years.
- **elderly**: age 65 years and over.

Metric

- **interarrival**: Inter-arrival time (minutes between admissions).
- **consultation**: Length of consultation (minutes).
- **transfer**: Probability of transfer.