

# Extrapolation

This module contains the extrapolators used to evaluate points outside the domain range of `FDataBasis` or `FDataGrid`. See [Extrapolation Example](#) for detailed explanation.

## Extrapolation Methods

The following classes are used to define common methods of extrapolation.

<code>skfda.representation.extrapolation.BoundaryExtrapolation</code>	Extends the domain range using the
<code>skfda.representation.extrapolation.ExceptionExtrapolation</code>	Raise an exception.
<code>skfda.representation.extrapolation.FillExtrapolation</code> (...)	Values outside the domain range with
<code>skfda.representation.extrapolation.PeriodicExtrapolation</code>	Extends the domain range periodically.

## Custom Extrapolation

Custom extrapolators could be done subclassing `EvaluatorConstructor`.

<code>skfda.representation.evaluator.EvaluatorConstructor</code>	Constructor of an evaluator.
<code>skfda.representation.evaluator.Evaluator</code>	Structure of an evaluator.