skfda.representation.extrapolation.BoundaryExtrapolatio

class **skfda.representation.extrapolation.BoundaryExtrapolation** [source]

Extends the domain range using the boundary values.

Examples

```
>>> from skfda.datasets import make_sinusoidal_process
>>> from skfda.representation.extrapolation import BoundaryExtrapolation
>>> fd = make_sinusoidal_process(n_samples=2, random_state=0)
```

We can set the default type of extrapolation

```
>>> fd.extrapolation = BoundaryExtrapolation()
>>> fd([-.5, 0, 1.5]).round(3)
array([[ 0.976,  0.976,  0.797],
       [ 0.759,  0.759,  1.125]])
```

This extrapolator is equivalent to the string *"bounds"*.

```
>>> fd.extrapolation = 'bounds'
>>> fd([-.5, 0, 1.5]).round(3)
array([[ 0.976,  0.976,  0.797],
       [ 0.759,  0.759,  1.125]])
```

__init__()

Initialize self. See help(type(self)) for accurate signature.

Methods

`evaluator`(fdata)	Returns the evaluator used by `FData`.