

root

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This module exists to turn a dataset of numberfields into a dataset of DiscreteFields
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import_test

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DESCRIPTIONS

MODULE `import_test`

	<code>import_test</code>
--	--------------------------

This module exists to turn a dataset of numberfields into a dataset of DiscreteFields. This is not quite as trivial as it seems as there are a number of different ways to make the underlying data discrete; and even within one method there may be different parameters. Further - it is quite probable that different methods are going to be desired for each field.

Children

1. [c_Method](#)
2. [r_Method](#)
3. [i_ByRounding](#)
4. [ByRounding](#)
5. [i_ByBucketing](#)
6. [ByBucketing](#)
7. [i_ByTiling](#)

8. [ByTiling](#)

9. [Do](#)

ATTRIBUTE c_Method

[import_test](#) \

	c_Method
--	----------

RECORD r_Method

[import_test](#) \

	r_Method
--	----------

FUNCTION i_ByRounding

[import_test](#) \

	i_ByRounding
(SET OF Types.t_FieldNumber f, REAL Scale=1.0,REAL Delta=0.0)	

FUNCTION ByRounding

[import_test](#) \

	ByRounding
(DATASET(Types.NumericField) d,REAL Scale=1.0, REAL Delta=0.0)	

FUNCTION i_ByBucketing

import_test \

i_ByBucketing
(SET OF Types.t_FieldNumber f, Types.t_Discrete N=ML_Core.Config.Discrete)

FUNCTION ByBucketing

import_test \

ByBucketing
(DATASET(Types.NumericField) d, Types.t_Discrete N=ML_Core.Config.Discrete)

FUNCTION i_ByTiling

import_test \

i_ByTiling
(SET OF Types.t_FieldNumber f, Types.t_Discrete N=ML_Core.Config.Discrete)

FUNCTION ByTiling

import_test \

ByTiling
(DATASET(Types.NumericField) d, Types.t_Discrete N=ML_Core.Config.Discrete)

FUNCTION Do

import_test \

	Do
(DATASET(Types.NumericField) d, DATASET(r_Method) to_do)	

import_test_2

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IMPORTS

Constants |

DESCRIPTIONS

MODULE import_test_2

	import_test_2
--	---------------

Children

1. [nod_1](#)

MODULE nod_1

[import_test_2](#) \

	nod_1
--	-------

Children

1. [limit_card](#)

2. `default_epsilon`
3. `default_ridge`
4. `local_cap`
5. `id_base`
6. `id_iters`
7. `id_delta`
8. `id_correct`
9. `id_incorrect`
10. `id_stat_set`
11. `id_betas`
12. `id_betas_coef`
13. `id_betas_SE`
14. `base_builder`
15. `base_max_iter`
16. `base_epsilon`
17. `base_ind_vars`
18. `base_dep_vars`
19. `base_obs`
20. `builder_irls_local`
21. `builder_irls_global`
22. `builder_softmax`

ATTRIBUTE `limit_card`

`import_test_2 \ nod_1 \`

UNSIGNED2	<code>limit_card</code>
------------------	-------------------------

ATTRIBUTE default_epsilon

import_test_2 \ nod_1 \

REAL8	default_epsilon
-------	-----------------

ATTRIBUTE default_ridge

import_test_2 \ nod_1 \

REAL8	default_ridge
-------	---------------

ATTRIBUTE local_cap

import_test_2 \ nod_1 \

UNSIGNED4	local_cap
-----------	-----------

ATTRIBUTE id_base

import_test_2 \ nod_1 \

id_base

ATTRIBUTE id_iters

import_test_2 \ nod_1 \

	id_iters
--	----------

ATTRIBUTE id_delta

import_test_2 \ nod_1 \

	id_delta
--	----------

ATTRIBUTE id_correct

import_test_2 \ nod_1 \

	id_correct
--	------------

ATTRIBUTE id_incorrect

import_test_2 \ nod_1 \

	id_incorrect
--	--------------

ATTRIBUTE id_stat_set

import_test_2 \ nod_1 \

	id_stat_set
--	-------------

ATTRIBUTE id_betas

import_test_2 \ nod_1 \

	id_betas
--	----------

ATTRIBUTE id_betas_coef

import_test_2 \ nod_1 \

	id_betas_coef
--	---------------

ATTRIBUTE id_betas_SE

import_test_2 \ nod_1 \

	id_betas_SE
--	-------------

ATTRIBUTE base_builder

import_test_2 \ nod_1 \

	base_builder
--	--------------

ATTRIBUTE base_max_iter

import_test_2 \ nod_1 \

	base__max__iter
--	-----------------

ATTRIBUTE base__epsilon

import_test_2 \ nod_1 \

	base__epsilon
--	---------------

ATTRIBUTE base__ind__vars

import_test_2 \ nod_1 \

	base__ind__vars
--	-----------------

ATTRIBUTE base__dep__vars

import_test_2 \ nod_1 \

	base__dep__vars
--	-----------------

ATTRIBUTE base__obs

import_test_2 \ nod_1 \

	base__obs
--	-----------

ATTRIBUTE builder_irls_local

import_test_2 \ nod_1 \

	builder_irls_local
--	--------------------

ATTRIBUTE builder_irls_global

import_test_2 \ nod_1 \

	builder_irls_global
--	---------------------

ATTRIBUTE builder_softmax

import_test_2 \ nod_1 \

	builder_softmax
--	-----------------

mod_1

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DESCRIPTIONS

MODULE mod_1

	mod_1
--	-------

Children

1. [v1](#)
 2. [m1v4](#)
 3. [m1v6](#)
-

ATTRIBUTE v1

[mod_1](#) \

	v1
--	----

MODULE m1v4

[mod_1](#) \

	m1v4
(REAL8 a1)	

Children

- 1. m1v5

ATTRIBUTE m1v5

mod_1 \ m1v4 \

	m1v5
--	------

ATTRIBUTE m1v6

mod_1 \

	m1v6
--	------

mod_2

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IMPORTS

[mod_1](#) |

DESCRIPTIONS

MODULE [mod_2](#)

	mod_2
--	-----------------------

Children

1. [v2](#)
2. [v3](#)
3. [v4](#)
4. [v5](#)
5. [v6](#)

MODULE [v2](#)

[mod_2](#) \

	v2
--	----

Children

- 1. v1
- 2. m1v4
- 3. m1v6

ATTRIBUTE v1

mod_2 \ v2 \

	v1
--	----

MODULE m1v4

mod_2 \ v2 \

	m1v4
(REAL8 a1)	

Children

- 1. m1v5

ATTRIBUTE m1v5

mod_2 \ v2 \ m1v4 \

	m1v5
--	------

ATTRIBUTE m1v6

mod_2 \ v2 \

	m1v6
--	------

ATTRIBUTE v3

mod_2 \

	v3
--	----

MODULE v4

mod_2 \

	v4
(REAL8 a2)	

Children

1. m1v5

ATTRIBUTE m1v5

mod_2 \ v4 \

	m1v5
--	------

ATTRIBUTE v5

mod_2 \

	v5
--	----

ATTRIBUTE v6

mod_2 \

	v6
--	----
