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DESCRIPTIONS

MODULE import_test

	import_test

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	**limit_card**

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

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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