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Name	LogisticRegression
Version	1.0.0
Description	Logistic Regression implementation
License	http://www.apache.org/licenses/LICENSE-2.0
Copyright	Copyright (C) 2017 HPCC Systems
Authors	HPCCSystems
DependsOn	ML_Core, PBblas
Platform	6.2.0

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ATTRIBUTE limit_card

Constants \

UNSIGNED2	**limit_card**

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RETURN **UNSIGNED2** —

ATTRIBUTE default_epsilon

Constants \

REAL8	**default_epsilon**

No Documentation Found

RETURN **REAL8** —

ATTRIBUTE default_ridge

Constants \

REAL8	**default_ridge**

No Documentation Found

RETURN **REAL8** —

ATTRIBUTE local_cap

Constants \

UNSIGNED4	**local_cap**

No Documentation Found

RETURN **UNSIGNED4** —

ATTRIBUTE id_base

Constants \

	id_base

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE id_iters

Constants \

	id_iters

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE id_delta

Constants \

	id_delta

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE id_correct

Constants \

	id_correct

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE id_incorrect

Constants \

	id_incorrect

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE id_stat_set

Constants \

	id_stat_set

No Documentation Found

RETURN **SET (INTEGER8)** —

ATTRIBUTE id_betas

Constants \

	id_betas

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE id_betas_coef

Constants \

	id_betas_coef

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE id_betas_SE

Constants \

	id_betas_SE

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE base_builder

Constants \

	base_builder

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE base_max_iter

Constants \

	base_max_iter

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE base_epsilon

Constants \

	base_epsilon

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE base_ind_vars

Constants \

	base_ind_vars

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE base_dep_vars

Constants \

	base_dep_vars

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE base_obs

Constants \

	base_obs

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE builder_irls_local

Constants \

	builder_irls_local

No Documentation Found

RETURN **INTEGER8** —

ATTRIBUTE builder_irls_global

Constants \

	builder_irls_global

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RETURN **INTEGER8** —

ATTRIBUTE builder_softmax

Constants \

	builder_softmax

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RETURN **INTEGER8** —

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dimm

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std.blas | std.BLAS.Types |

DESCRIPTIONS

EMBED dimm

Types.matrix_t	dimm
(BOOLEAN transposeA, BOOLEAN transposeB, BOOLEAN diagonalA, BOOLEAN diagonalB, Types.dimension_t m, Types.dimension_t n, Types.dimension_t k, Types.value_t alpha, Types.matrix_t A, Types.matrix_t B, Types.value_t beta=0.0, Types.matrix_t C=[])	

Matrix multiply when either A or B is a diagonal and is passed as a vector. alpha*op(A) op(B) + beta*C where op() is transpose

PARAMETER **transposeA** ||| BOOLEAN — true when transpose of A is used

PARAMETER **n** ||| UNSIGNED4 — number of columns in product

PARAMETER **diagonalB** ||| BOOLEAN — true when B is the diagonal matrix

PARAMETER **A** ||| SET (REAL8) — matrix A

PARAMETER **k** ||| UNSIGNED4 — number of columns/rows for the multiplier/multiplicand

PARAMETER **alpha** ||| REAL8 — scalar used on A

PARAMETER **B** ||| SET (REAL8) — matrix B

PARAMETER **transposeB** ||| BOOLEAN — true when transpose of B is used

PARAMETER **C** ||| SET (REAL8) — matrix C or empty

PARAMETER **beta** ||| REAL8 — scalar for matrix C

PARAMETER **m** ||| UNSIGNED4 — number of rows in product

PARAMETER **diagonalA** ||| BOOLEAN — true when A is the diagonal matrix

RETURN **SET (REAL8)** —

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MODULE discrete_GermanDS

	discrete_GermanDS

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Children

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ATTRIBUTE content

discrete_GermanDS \

	content

No Documentation Found

RETURN **TABLE (discrete_GermanRECORD) —**

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IrisDS

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DESCRIPTIONS

ATTRIBUTE irisDS

	irisDS

No Documentation Found

RETURN **TABLE (dsRecord) —**

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DESCRIPTIONS

ATTRIBUTE unit_test_dimm

	unit_test_dimm

No Documentation Found

RETURN —
