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- Tabla de datos utilizados para el análisis:

-Parámetros utilizados

Multi Expression Programming X - C:\Users\deli\Downloads\mepx_win64\mepx-projects\multi class classification\diabetes1.xml

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Data Parameters Results

Data type
☒ Real numbers
☐ Integer numbers

Problem type
☐ Symbolic regression
☐ Binary classification
☒ Multi-class classification
☐ Time-series

Error measure
☐ Mean Absolute Error
☐ Mean Squared Error
☐ Automatic threshold
☒ Winner takes all-Fixed
☐ Winner takes all-Smooth
☐ Winner takes all-Dynamic
☐ Closest center

Time series
 Window size: 2
 Mode:
☒ Predict on Test set
☐ Predict new data
 Num. predictions: 10

Functions
☒ Addition
☒ Subtraction
☒ Multiplication
☐ Division
☐ Power
☐ Sqrt
☐ Exp
☐ Pow10
☐ Ln
☐ Log10
☐ Log2
☐ Floor
☐ Ceil
☐ Abs
☐ Inv (1/x)
☐ Neg (-x)
☐ X^2
☐ Min
☐ Max
☐ Sin
☐ Cos
☐ Tan
☐ ASin
☐ ACos
☐ ATan
☐ If a<0?b:c
☐ If a<b?c:d
☐ If a<0 or b<0 ? c:d
☐ If a<0 xor b<0 ? c:d
☐ Modulus

Parameters
 Num. subpopulations: 8
 Subpopulation size: 100
 Code length: 100
 Crossover probability [0..1]: 0.9
 Crossover type:
☐ Uniform
☒ One-cutting point
 Mutation probability [0..1]: 0.01
 Tournament size: 2
 Probabilities:
 Functions: 0.5
 Variables: 0.4
 Constants: 0.1
 Num. generations: 100

Constants
 Type:
☐ User defined
☒ Automatically generated
 User defined constants:
 Add Delete
 Automatically generated constants:
 Number of constants: 5
 Min initial interval: 0
 Max initial interval: 1
☒ May evolve
☐ Evolve outside initial interval
 Max delta: 0.1

Runs
 Random seed: 0
 Num. runs: 10
 Num. threads: 8
 Training subset:
 Random subset size (%): 100
 Num. generations for a subset: 1
☒ Use validation data

RESULTADOS

