=== Run information ===

Scheme: weka.classifiers.functions.LinearRegression -S 0 -R 1.0E-8 -num-decimal-places 4

Relation: Matstudent-weka.filters.unsupervised.instance.Randomize-S42-weka.filters.unsupervised.instance.Randomize-S42-weka.filters.unsupervised.instance.Randomize-S42-weka.filters.unsupervised.instance.Randomize-S42-weka.filters.unsupervised.instance.Randomize-S42-weka.filters.unsupervised.instance.Randomize-S42-weka.filters.unsupervised.instance.Randomize-S42-weka.filters.unsupervised.instance.RemovePercentage-P20.0-V

Instances: 79

Attributes: 33

school

sex

age

address

famsize

Pstatus

Medu

Fedu

Mjob

Fjob

reason

guardian

traveltime

studytime

failures

schoolsup

famsup

paid

activities

nursery

higher

internet

romantic

famrel

freetime

goout

Dalc

Walc

health

absences

G1

G2

G

Test mode: 10-fold cross-validation

=== Classifier model (full training set) ===

Linear Regression Model

G =

-1.8083 \* school=GP +

0.8509 \* sex=M +

0.8496 \* address=U +

0.6302 \* Medu +

-1.4291 \* Mjob=services,health,teacher +

-2.9271 \* Fjob=at\_home,services,other,teacher +

-0.9074 \* Fjob=other,teacher +

1.7302 \* reason=reputation,other +

0.7975 \* traveltime +

-0.9392 \* activities=yes +

-0.5613 \* Dalc +

0.3685 \* Walc +

0.4536 \* health +

0.1895 \* G1 +

1.052 \* G2 +

-3.0436

Time taken to build model: 0.01 seconds

=== Cross-validation ===

=== Summary ===

Correlation coefficient 0.7895

Mean absolute error 2.0937

Root mean squared error 2.9229

Relative absolute error 60.1966 %

Root relative squared error 64.93 %

Total Number of Instances 79