=== Run information ===

Scheme:weka.classifiers.functions.LinearRegression -S 0 -R 1.0E-8

Relation: healthcare-lang-lc

Instances: 942

Attributes: 346

[list of attributes omitted]

Test mode:10-fold cross-validation

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

Linear Regression Model

CLASS =

-0.0013 \* subj +

0.0843 \* State=Colorado,Utah,Nevada,Oklahoma,Kentucky,WestVirginia,Texas,Arkansas,Montana,Iowa,NewJersey,Alabama,Louisiana,Virginia,Mississippi,NewHampshire,Maine,NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.069 \* State=Nevada,Oklahoma,Kentucky,WestVirginia,Texas,Arkansas,Montana,Iowa,NewJersey,Alabama,Louisiana,Virginia,Mississippi,NewHampshire,Maine,NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.2045 \* State=WestVirginia,Texas,Arkansas,Montana,Iowa,NewJersey,Alabama,Louisiana,Virginia,Mississippi,NewHampshire,Maine,NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.2468 \* State=Texas,Arkansas,Montana,Iowa,NewJersey,Alabama,Louisiana,Virginia,Mississippi,NewHampshire,Maine,NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.0478 \* State=Arkansas,Montana,Iowa,NewJersey,Alabama,Louisiana,Virginia,Mississippi,NewHampshire,Maine,NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.1286 \* State=Alabama,Louisiana,Virginia,Mississippi,NewHampshire,Maine,NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.1144 \* State=Louisiana,Virginia,Mississippi,NewHampshire,Maine,NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.0708 \* State=Virginia,Mississippi,NewHampshire,Maine,NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.0669 \* State=Mississippi,NewHampshire,Maine,NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.0627 \* State=NewHampshire,Maine,NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.0583 \* State=Maine,NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.0858 \* State=NewMexico,Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.0929 \* State=Minnesota,Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.0455 \* State=Indiana,Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.1185 \* State=Tennessee,Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.0961 \* State=Nebraska,SouthCarolina,Georgia,Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.0763 \* State=Missouri,Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.2513 \* State=Arizona,Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.1595 \* State=Florida,Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.0417 \* State=Pennsylvania,Washington,DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.1711 \* State=DistrictofColumbia,Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.365 \* State=Vermont,Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.1324 \* State=Ohio,Illinois,Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.0925 \* State=Wisconsin,California,NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.0695 \* State=NewYork,Kansas,Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

0.1684 \* State=Oregon,NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.0611 \* State=NorthCarolina,Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.0699 \* State=Maryland,NorthDakota,Delaware,Michigan,Massachusetts,SouthDakota +

-0.0792 \* can\_t +

0.1001 \* i\_m +

0.1031 \* got +

0.1868 \* stop +

0.1699 \* room +

0.1846 \* whether +

-0.1722 \* give +

0.1297 \* then +

0.0552 \* that +

-0.6239 \* security +

0.2899 \* agree +

-0.2762 \* through +

-0.1664 \* i\_ve +

0.1858 \* service +

0.1313 \* covered +

0.2309 \* company +

0.1063 \* afford +

0.155 \* years +

0.0676 \* many +

-0.1198 \* problems +

0.24 \* problem +

0.0731 \* need +

-0.0935 \* can +

-0.1724 \* bill +

-0.0749 \* cost +

-0.2243 \* trying +

-0.251 \* under +

0.0433 \* insurance +

-0.4175 \* states +

0.1846 \* we\_re +

0.0801 \* healthcare +

-0.1879 \* emergency +

-0.1126 \* paying +

-0.2947 \* free +

-0.192 \* cannot +

-0.0369 \* it\_s +

0.1116 \* from +

-0.0963 \* costs +

0.1671 \* companies +

-0.1647 \* socialized +

-0.1615 \* forced +

0.1948 \* against +

-0.2674 \* hands +

0.2285 \* could +

-0.2161 \* doctor +

0.0635 \* system +

0.1646 \* address +

0.1449 \* general +

-0.2778 \* person +

0.1957 \* lower +

-0.3495 \* pays +

0.2132 \* seen +

0.1721 \* important +

0.647 \* social +

0.2606 \* america +

0.1549 \* americans +

-0.1323 \* increase +

0.0608 \* my +

0.0849 \* way +

-0.1192 \* business +

-0.0329 \* in +

-0.0254 \* it +

-0.1233 \* by +

0.0695 \* people +

-0.1447 \* debt +

-0.1075 \* taxes +

0.0985 \* getting +

0.1724 \* being +

-0.2478 \* proposed +

-0.1505 \* hurt +

-0.0857 \* don\_t +

0.1727 \* families +

0.1181 \* better +

0.118 \* everybody +

0.3317 \* little +

0.0603 \* we +

-0.0965 \* doing +

-0.4109 \* takeover +

-0.07 \* too +

-0.1486 \* away +

-0.0347 \* the +

0.144 \* uninsured +

0.1601 \* most +

-0.1351 \* there\_s +

-0.1307 \* things +

0.1043 \* lot +

-0.2216 \* still +

-0.2247 \* conditions +

-0.082 \* not +

0.0782 \* now +

0.2755 \* he\_s +

0.1611 \* poor +

-0.2032 \* canada +

0.1417 \* something +

-0.1432 \* work +

0.1345 \* public +

-0.1455 \* old +

-0.3047 \* waste +

0.1391 \* coverage +

-0.2398 \* less +

-0.1166 \* our +

0.2099 \* how +

-0.2124 \* doesn\_t +

0.2743 \* senior +

-0.1458 \* abortion +

-0.1181 \* with +

0.2823 \* taxpayers +

-0.1773 \* competition +

-0.1291 \* prices +

0.2335 \* existing +

0.1355 \* world +

-0.1539 \* catastrophic +

0.3946 \* united +

-0.1828 \* worse +

0.0797 \* country +

-0.1663 \* socialism +

1.0066

Time taken to build model: 112.14 seconds

=== Cross-validation ===

=== Summary ===

Correlation coefficient 0.8083

Mean absolute error 0.2418

Root mean squared error 0.305

Relative absolute error 48.6179 %

Root relative squared error 61.1186 %

Total Number of Instances 942