Please, follow these steps in order to run our proposed scheme.

1) put scenarios' files (input data) into/

your dir/Data\_collection/Scenarios/Discussion/

your dir/Data\_collection/Scenarios/Meeting/

2) make sure that all file directories inside the code are correctly pointing on your disk drive files. For instance, check:

* TempDepend.java

please check "Input\_file\_dir" and "Evidence\_train\_dir" all over the file

* EvidenceTrain.java

please check "Evidence\_input\_dir" and "Evidence\_train\_test\_output\_dir" all over the file

optional: you can change "evidence\_test" and "leftOut" in order to decide wich files are to use for train and the one left for test

* RuleLearning.java

please check "input\_dir" and "learned\_rules\_out\_dir"

* CrossValidation.java

please check "input\_dir", "C:\\cygwin64\\bin\\bash.exe", "PATH=/cygdrive/c/cygwin64/bin"

* Check all files under the folders "TPRLGAR", "Tools" ,and "Evaluation":

look for read and write functions, and make sure they correctly point on your disk drive files.

3) run \TempDepRuleGAR\src\kr\ac\kaist\iot\TPRLGAR\GroupActivity.java

This will train the model

4) run \TempDepRuleGAR\src\kr\ac\kaist\iot\Evaluation\CrossValidation.java

To test the model. Just make sure that "String version" has same value as in "GroupActivity.java".