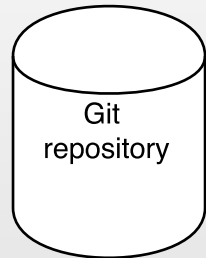


## Classifier construction



Extract content,  
context and  
developer  
metrics

( C1 )  
Remove  
correlated and  
redundant  
metrics

Explanatory metrics  
for classifier  
construction

( C2 )  
Random  
forest  
generation

Generated  
classifier

## Classifier analysis

( A1 )  
Classifier  
validation

Relationship between  
explanatory metrics  
and log change

( A2 )  
Identifying  
Important  
metrics

Extract  
important  
metrics

( A3 )  
Plotting the  
important  
metrics