FORM 1: *variability managing decorators are used as much as possible in a form that is possible to analyze*
FORM 2: *as form 1, but without variability configuration expressions*
FORM 3: *variability managing decorators are used only marginally in a form that is possible to analyze (as attr. decorators)*
FORM 4: *all variability annotations are removed*
FORM 5: *as form 1, but without additional unwanted dead code constructs needed for illegal decorators*

SCENARIO 1

SCENARIO 2

SCENARIO 3

SCENARIO 4

SCENARIO 5

SCENARIO 6

Annotate variable code with pre-defined variability managing decorators

Specify variability expressions according to their association to features

Configuring representation pair from FORM 1 and FORM 2

Configuring representation pair from FORM 1 and FORM 4

Configuring representation pair from FORM 1 and FORM 5

Configuring representation pair from FORM 3 and FORM 4

Configuring representation pair from FORM 2 and FORM 4

Configuring representation pair from FORM 4 and FORM 5

For each selected representation pair

Iterate over all project files

Transform code of 1th represnnetation to compilable form

Transform code of 2nd representation to compilable form

Evaluate complexity of 1th representation

Evaluate complexity of 2nd representation

Compare them (analyze difference)

Persist data (CSV file for aggregation of methods, classes, files and their averages)

Evaluate data