Sensitivity Summary Class

Stores all output measures for a single alternative in a sensitivity analysis

# Libraries/Classes calling on Alternative Summary Class

Main

writeOutput

# Internal Library/Class dependencies

none

# External Library Dependencies

none

# Functions

Init – Class constructor

updateMeasure – Function to set a current measure to a new measure

# Pseudo Code

Begin Pseudocode

Init

Variables in class

altID

sensID

totalBenefits

totalCosts

totalCostsIn

totalCostsNonInv

netBenefits

netSaviings

SIR

IRR - optional

AIRR

SPP

SPP

BCR

quantSum – list of floats

quantUnits – list of strings ith index is the unit for the ith element in quantSum

MARR – taken directly from Analysis object

deltaQuant – list of floats

nsDeltaQuant – list of floats

nsPercQuant – List of floats

nsElasticityQuant – List of Floats

End init

updateMeasure(measureName,flow)

Based on measureName (string with the exact same name as the variable without the enclosing brackets if they exist) reset current measure to the input measure

End updateMeasure

end Pseudocode