covariateProbeVals covariateSupplied dataFolder groupTable IDname nParticipants observedData participantFilenames participantLevel saveName totalTrials +DataClass (saveName, dataFolder) +getParticipantData (participant) +loadDataFiles (fnames)

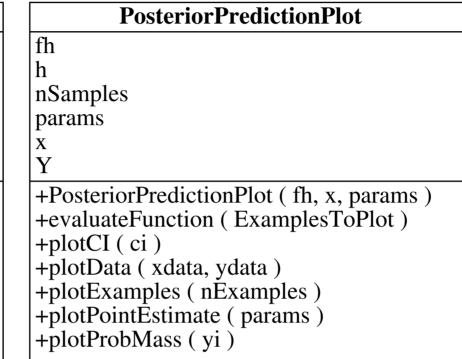
+setCovariateProbeValues (CovariateProbeValues)

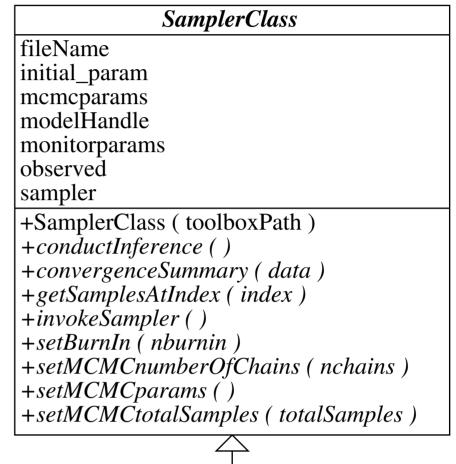
+quickAndDirtyEstimateOfLogK (data)

+setCovariateValues (covariateValues)

+quickAnalysis ()

```
ModelBaseClass
analyses
data
modelType
monitorparams
range
sampler
+ModelBaseClass (toolboxPath, sampler, data)
#figParticipant ( pSamples, pData )
#figParticipantLevelWrapper()
+calcSampleRange()
+conditionalDiscountRates ( reward, plotFlag )
+conditionalDiscountRates_ParticipantLevel ( reward, plotFlag )
+conductInference()
+doAnalysis ()
+exportParameterEstimates ()
+plot (data)
+setInitialParamValues ( data )
+setMonitoredValues (data)
 +setObservedValues ( data )
```





ModelHierarchical +ModelHierarchical (toolboxPath, sampler, data) #figGroupLevel () +conditionalDiscountRates (reward, plotFlag) +conditionalDiscountRates_GroupLevel (reward, plotFlag) +doAnalysis () +exportParameterEstimates () +figGroupLevelPriorPost () +figUnivariateSummary (uni, participantIDlist) +HTgroupSlopeLessThanZero () +plot () +setInitialParamValues () +setMonitoredValues () +setObservedValues ()

ModelSeperate

+ModelSeperate (toolboxPath, sampler, data)
+doAnalysis ()
+figUnivariateSummary (uni, participantIDlist)
+plot ()
+setInitialParamValues ()
+setMonitoredValues ()
+setObservedValues ()

samples
stats

+JAGSSampler (fileName)
+conductInference ()
+convergenceSummary ()
+flattenChains (fieldsToGet)
+getSamples (fieldsToGet)
+getSamplesAtIndex (index, fieldsToGet)
+invokeSampler ()
+setBurnIn (nburnin)
+setMCMCnumberOfChains (nchains)
+setMCMCparams ()
+setMCMCtotalSamples (totalSamples)
+startParallelPool ()