package com.twitter.follow\_recommendations.common.transforms.weighted\_sampling

import com.twitter.timelines.configapi.FSBoundedParam

import com.twitter.timelines.configapi.FSParam

object SamplingTransformParams {

case object TopKFixed // indicates how many of the fisrt K who-to-follow recommendations are reserved for the candidates with largest K CandidateUser.score where these candidates are sorted in decreasing order of score

extends FSBoundedParam[Int](

name = "post\_nux\_ml\_flow\_weighted\_sampling\_top\_k\_fixed",

default = 0,

min = 0,

max = 100)

case object MultiplicativeFactor // CandidateUser.score gets transformed to multiplicativeFactor\*CandidateUser.score before sampling from the Plackett-Luce distribution

extends FSBoundedParam[Double](

name = "post\_nux\_ml\_flow\_weighted\_sampling\_multiplicative\_factor",

default = 1.0,

min = -1000.0,

max = 1000.0)

case object ScribeRankingInfoInSamplingTransform

extends FSParam[Boolean]("sampling\_transform\_scribe\_ranking\_info", false)

}