**SORT(** data **,** key = Feature **)**

maxEval **:=** null

bestThreshold **:=** null

lastFeatureVal **:=** null

**for** each index i in data **:**

**if (** lastFeatureVal not null **&&** lastFeatureVal **!=**  data[ i ]**.**featureValue **) :**

eval **:=** **Eval(** data[ 0 **:** i ] **,** data[ i **:** -1 ] **)**

**if (** maxEval is null **||**  eval **>**  maxEval **) :**

maxEval **:=** eval

bestThreshold **:=** lastFeatureValue

**end if**

**end if**

lastFeatureVal **=** data[ i ]**.**featureValue

**end for**