Ensemble Classification Data

The element ensembles data, produced by classification tools (Kraken, CLARK, DIAMOND), into a single file in CSV format. This file can be used as input for the WEVOTE classifier.

Parameters in GUI

Parameter	Description	Defaultvalue
Number of tools	Specify the number of classification tools. The corresponding data should be provided using the input ports.	2
Output file	Specify the output file. The classification data are stored in CSV format with the following columns: 1. a sequence name 2. taxID from the first tool 3. taxID from the second tool 4. optionally, taxID from the third tool	ensemble.cvs

Parameters in Workflow File

Type: ensemble-classification

Parameter	Parameter in the GUI	Type
number-tools	**Number of tools**	*string*
out-file	**Output file**	*string*

Input/Output Ports

The element has 3 identical *input ports*:

Name in GUI: Input taxonomy data:

An input slot for taxonomy classification data.

Name in Workflow File: tax-data1, tax-data2, tax-data3

Slots:

SlotInGUI	Slot in Workflow File	Type
Input tax data 1	**tax-data**	*tax-classification*
Input tax data 2	**tax-data**	*tax-classification*
Input tax data 3	**tax-data**	*tax-classification*

The element has 1 *output port*:

Name in GUI: Ensembled classification:

URL to the CSV file with ensembled classification data.

Name in Workflow File: out

Slots:

SlotInGUI	Slot in Workflow File	Type
Output URL	url	*string*