

Installation instructions Decide exchange model

<https://docs.anaconda.com/anaconda/install/>

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 Windows

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Anaconda 5.2 For Windows Installer

Python 3.6 version *

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Python 2.7 version *

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Add Channels (1)

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Environment **1**

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base (root)

Installed Channels **2** Update index... Search Packages

Name	Description	Version
✓ ipyw_jlab_nb_ex...		0.1.0
✓ alabaster	Configurable, python 2+3 compatible sphinx theme	0.7.10
✓ anaconda		5.2.0
✓ anaconda-client	Anaconda.org command line client library	1.6.14
✓ anaconda-project	Reproducible, executable project directories	0.8.2
✓ asn1crypto	Asn.1 parser and serializer	0.24.0
✓ astroid	Abstract syntax tree for python with inference support	1.6.3
✓ astropy	Community-developed python library for astronomy	3.0.2
✓ attrs	Implement attribute-related object protocols without boilerplate	18.1.0
✓ babel	Utilities to internationalize and localize python applications	2.5.3
✓ backcall		0.1.0
✓ backports		1.0
✓ backports.shutil_g...		1.0.0
✓ beautifulsoup4	Python library designed for screen-scraping	4.6.0
✓ bitarray	Efficient representation of arrays of booleans -- c extension	0.8.1
✓ bkcharts	Optional high level charts api built on top of bokeh	0.2

Add Channels (2)

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base (root)

Channels Update index... Search Packages

Manage channels you want Navigator to include.

defaults
C:\Users\jelmert\conda...

https://conda.anaconda.org/jelmert
C:\Users\jelmert\conda...

https://conda.anaconda.org/conda-forge
C:\Users\jelmert\conda...

Cancel Update Channels

Name	Type	Description	Version
base (root)			
ipyw_jlab_nb_ex...			0.1.0
alabaster	Config		0.7.10
anaconda			5.2.0
anaconda-client	Anaco		1.6.14
anaconda-project	Repro		0.8.2
asn1crypto	Asn.1	user and version	0.24.0
astroid	Abstrac	tree checker for python with inference support	1.6.3
astropy		Community-developed python library for astronomy	3.0.2
attrs		Implement attribute-related object protocols without boilerplate	18.1.0
			2.5.3
			0.1.0
			1.0
			1.0.0
			4.6.0
bitarray		Efficient representation of arrays of booleans -- c extension	0.8.1
bkcharts		Optional high level charts api built on top of bokeh	0.2

- 2: <https://anaconda.org/jelmert>
- 3: <https://anaconda.org/conda-forge>

Install decide-exchange-model

Anaconda Navigator













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Applications on base (root) Channels Refresh

 jupyterlab 0.32.1 An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture. Launch	 notebook 5.5.0 Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis. Launch	 qtconsole 4.3.1 PyQt GUI that supports inline figures, proper multiline editing with syntax highlighting, graphical calltips, and more. Launch	 spyder 3.2.8 Scientific PYTHON Development Environment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features Launch	 anypytools 0.13.0 Install	 decide-exchange-model 2.0.4 Install 2
 glueviz 0.13.3 Multidimensional data visualization across files. Explore relationships within and among related datasets. Install	 orange3 3.15.0 Component based data mining framework. Data visualization and data analysis for novice and expert. Interactive workflows with a large toolbox. Install	 psypilot-gui 1.1.0 Install	 rstudio 1.1.456 A set of integrated tools designed to help you be more productive with R. Includes R essentials and notebooks. Install	 vaex 1.0.0b7 Install	 vscode 1.26.1 Streamlined code editor with support for development operations like debugging, task running and version control. Install

Documentation

Launch!

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Refresh



decide-exchange-model
2.0.4

Launch

1



jupyterlab
0.32.1

An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.

Launch



jupyter
notebook
5.5.0

Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.

Launch



qtconsole
4.3.1

PyQt GUI that supports inline figures, proper multiline editing with syntax highlighting, graphical calltips, and more.

Launch



spyder
3.2.8

Scientific Python Development Environment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features

Launch



anypytools

Install



glueviz
0.13.3

Multidimensional data visualization across files. Explore relationships within and among related datasets.

Install



orange3
3.15.0

Component based data mining Framework. Data visualization and data analysis for novice and expert. Interactive workflows with a large toolbox.

Install



pyplot-gui
1.1.0

Install



rstudio
1.1.456

A set of integrated tools designed to help you be more productive with R. Includes R essentials and notebooks.

Install



vaex
1.0.0b7

Install



vscode
1.26.1

Streamlined code editor with support for development operations like debugging, task running and version control.

Install

Documentation

Developer Blog

Empty application is visible => Open a datafile

Decide Exchange Model

File Output Debug

Open

Save settings

Issues

Model parameters

Fixed weight 0,10

Sallience weight 0,40

Negotiation rounds 10

Simulation repetitions 10

p-value

Start 0,00

Step 0,00

Stop 0,00

Actor Issues

Overview

ce of Small Island States

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da

India

oping Countries

nd Norway)

Developed Countries

a

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f Small Island States

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orway)

veloped Countries

et to C:/Users/jelme/PycharmProjects/decide-exchange-model/data/input/kopenhagen.csv

Issues

<input checked="" type="checkbox"/> Commitments	10.000	90.000	values
<input checked="" type="checkbox"/> Control	10.000	90.000	values
<input checked="" type="checkbox"/> DevelopC2020	10.000	100.000	values
<input checked="" type="checkbox"/> Domestred	0.000	80.000	values
<input checked="" type="checkbox"/> Extra	10.000	100.000	values
<input checked="" type="checkbox"/> MRVdecrease	10.000	90.000	values
<input checked="" type="checkbox"/> Newtreaty	10.000	100.000	values

2. Issues

1. Actors

3a

3b. values of issue

	Position	Sallience	Power
ce of Small Island States	100.00	0.85	0.078
alia	12.50	0.4	0.026
da	75.00	0.3	0.026
India	12.50	0.2	0.156
oping Countries	75.00	0.3	0.026
nd Norway)	12.50	0.2	0.052
Developed Countries	100.00	0.85	0.078
a	0.00	0.8	0.26

Model parameters

Fixed weight	0,10
Sallience weight	0,40
Negotiation rounds	10
Simulation repetitions	10
p-value	
Start	0,00
Step	0,00
Stop	0,00

4. Parameters

Overview

Actors	allianceofsmallislandstates, australia, brazil, canada, china, india, developingcountries, eu, india, japan, leastdevelopedcountries, russia, usa
Issues	commitments, control, developc2020, domestred, extra, mrvdecrease, newtreaty
Input	...ts/decide-exchange-model/data/input/kopenhagen.csv/
Output directory	.../
p-values	
Output settings	Issue development values [.csv] Summary only [.csv]

5. overview

6. start

Start

Range of p-values

Start by 0.0, take steps of 0.10 until 0.40 is reached

p-value	
Start	<input type="text" value="0,00"/>
Step	<input type="text" value="0,10"/>
Stop	<input type="text" value="0,40"/>

Results in a range of 0.00, 0.10, 0.20, 0.30 and 0.40

- File **Output** Debug
- Act sqlite
 - Issue development .csv
 - Externalities .csv
 - Exchanges .csv
 - summary only
 - voting positions
 - Directory

Issues

sqlite => database

-

Issue development

Externalities

Exchanges

-

Summary only

Voting positions

-

Directory

Actor Issues

Commitments

Actor	Position	Saliency	Power
Alliance of Small Island States	100.00	0.85	0.078
Australia	12.50	0.4	0.026
Brazil	75.00	0.3	0.026
Canada	0.00	0.4	0.039
China India	93.75	0.7	0.247
Developing Countries	75.00	0.3	0.026
EU (incl Norway)	12.50	0.2	0.156
Japan	12.50	0.2	0.052
Least Developed Countries	100.00	0.85	0.078
USA	0.00	0.8	0.26

Model parameters

Fixed weight

Saliency weight

Negotiation rounds

Simulation repetitions

p-value

Start

Step

Stop

Overview

Actors allianceofsmallislandstates, australia, brazil, canada, chinaindia, developingcountries, euinclnorway, japan, leastdevelopedcountries, russia, usa

Issues commitments, control, devlopc2020, domestred, extra, mrvdecrease, newtreaty

Input <...ts/decide-exchange-model/data/input/kopenhagen.csv/>

Output directory .../

p-values

Output settings Issue development values [.csv]
Summary only [.csv]

Start

Updates

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Update index...

2. update index

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✓ <code>backcall</code>		0.1.0
✓ <code>backports</code>		1.0
✓ <code>backports.shutil_g...</code>		1.0.0
✓ <code>beautifulsoup4</code>	Python library designed for screen-scraping	4.6.0
✓ <code>bitarray</code>	Efficient representation of arrays of booleans -- c extension	0.8.1
✓ <code>bkcharts</code>	Optional high level charts api built on top of bokeh	0.2

For python developers

```
$ pip install decide-exchange-model
```

```
$ decide-gui
```

- or -

```
$ git clone https://github.com/foarsitter/decide-exchange-model.git
```

Contribute / Software Question?

Create an issue or pull request on github

<https://github.com/foarsitter/decide-exchange-model>

Email on info@jelmert.nl