

States' analysis

When opening this window, The *Model Editor* and the *Parameters Editor* windows become in read-only mode.

The left hand side allows to select a state of the organization, the right hand side provides details about the selected state either in tables or in graphical displays.

Left hand side

User States frame

New: create a new state, whose name is entered in the bottom line.

Edit: allow to modify the state of the relations, in the *state/interpretation* panel (table mode) or by sliders (graphical mode).

In graphical mode, disabling the **display** checkbox suppress the update of the bar charts.

Save to quit the Edit mode

Save all: save the user states before to exit the state analysis window. To keep these states you have also to save the .org file.

Significant States and Actors States frames

These states are computed by SocLab, including the one computed by the last simulation (*Convergence's state (mean)*).

Show: display data about the selected state in the right hand side.

Export: create a copy of the selected state into the *User states* list.

Next (1/n): If the selection includes a number of *n* states, display the following.

Right hand side

Graphical mode / Table mode: switch from one mode to the other.

Add panel to report: add the displayed table or chart to the report.

Save Report: generate a file including the added panels in the model directory.

With Constraints checkbox: apply the constraints between relations in the computation of states.

State/interpretation panel: the state of each relation, with the interpretation defined in the *description* field of the relation (see the Model editor window).

Influence / Satisfaction panel: the amount of satisfaction provided by each actor (in column) to other actors (in row) by means of the relation he controls

SATISFACTION column: the total amount of the actor's satisfaction

INFLUENCE line: the total of satisfaction amounts provided by the actor.

ABSOLUTE INFLUENCE line: the sum of the absolute values of the column actor.

COOPERATIVE INFLUENCE line: the sum of the positive values of the column actor.

Intersection of *INFLUENCE* line and *SATISFACTION* column: the mean value of actors satisfactions and influences.

Power / Action Capacity panel: as the *Influence / Satisfaction* panel, but ignores solidarities (the solidarity of each actor is 1 for himself and 0 for others).

Influence / Satisfaction% panel: as the *Influence / Satisfaction* panel, but values are given in proportion in their range of value: $(\text{value} - \text{min_value}) / (\text{max_value} - \text{min_value})$. e.g., 100% reveals that the maximum value is reached.

Power / Action Capacity%: the same wrt the *Power / Action Capacity* panel