Results of test cases: Hedonic emotion regulation.
The plans are generated from the logic program C_EDG with hedonic integrity constraints.
Encoded in Answer Set Programming (ASP).

- Initial states and goal states represent the 16 emotions defined by Appraisal Theory of Emotion.
- Plans span from each initial state to each goal state following Hedonic Emotion Regulation.
- An emotion state is a configuration of four classes and their values.
- A plan is a sequence of action from an initial state to a goal state.

Classes:	need_consistency, goal_consistency, accountability, control_potential

Values in number format:	For the classes:
1: low	need_consistency | goal_consistency | control_potential
2: undecided	need_consistency | goal_consistency | control_potential
3: high	need_consistency | goal_consistency | control_potential
4: undecided	accountability
5: other	accountability
6: self	accountability
7: environment	accountability

Initial state format:	init_on(Class, Value). for each class.
Goal state format:	goal_on(Class, Value). for each class.
Plan action format:	influence(Class,Value,Time) for each action.

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Anger	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Hope-Anger	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Joy-Anger	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE

Relief-Anger	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Dislike-Anger	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Frustration-Anger	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Liking-Anger	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Regret-Anger	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Disgust-Anger	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Fear-Anger	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Pride-Anger	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Shame-Anger	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE

Sadness-Anger	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Distress-Anger	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Surprise-Anger	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE
Guilt-Anger	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 3).	UNSATISFIABLE

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Hope	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(control_potential,1,3) influence(goal_consistency,3,4) influence(accountability,7,5) influence(need_consistency,2,6)
Hope-Hope	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(goal_consistency,3,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Joy-Hope	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,1,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Relief-Hope	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,1,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)

Dislike-Hope	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,1,4) influence(goal_consistency,3,5) influence(accountability,7,6)
Frustration-Hope	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(control_potential,1,3) influence(need_consistency,1,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Liking-Hope	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(accountability,7,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,1,5) influence(goal_consistency,3,6)
Regret-Hope	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,1,4) influence(goal_consistency,3,5) influence(accountability,7,6)
Disgust-Hope	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(control_potential,1,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Fear-Hope	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,2,3) influence(control_potential,2,4) influence(control_potential,1,5) influence(goal_consistency,3,6)
Pride-Hope	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(accountability,7,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,1,5) influence(goal_consistency,3,6)
Shame-Hope	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(goal_consistency,3,4) influence(accountability,7,5) influence(need_consistency,2,6)
Sadness-Hope	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(control_potential,1,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)

	Init	Goal	Plan
Distress-Hope	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(control_potential,1,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Surprise-Hope	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,3,3) influence(control_potential,3,4) influence(control_potential,1,5) influence(goal_consistency,3,6)
Guilt-Hope	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(accountability,7,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,1,5) influence(need_consistency,2,6)

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Joy	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,1,1) influence(control_potential,1,2) influence(control_potential,2,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(accountability,7,6)
Hope-Joy	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(need_consistency,3,6)
Joy-Joy	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(goal_consistency,3,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Relief-Joy	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(goal_consistency,3,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Dislike-Joy	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(accountability,7,5) influence(need_consistency,3,6)

Frustration-Joy	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,1,1) influence(control_potential,1,2) influence(control_potential,1,3) influence(control_potential,1,4) influence(control_potential,2,5) influence(goal_consistency,3,6)
Liking-Joy	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(accountability,7,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(need_consistency,3,6)
Regret-Joy	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(accountability,7,5) influence(need_consistency,3,6)
Disgust-Joy	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(need_consistency,3,6)
Fear-Joy	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(need_consistency,3,6)
Pride-Joy	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(accountability,7,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(need_consistency,3,6)
Shame-Joy	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(goal_consistency,3,4) influence(accountability,7,5) influence(need_consistency,3,6)
Sadness-Joy	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,2,3) influence(control_potential,2,4) influence(control_potential,2,5) influence(goal_consistency,3,6)
Distress-Joy	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(need_consistency,1,4) influence(goal_consistency,3,5) influence(need_consistency,3,6)

Surprise-Joy	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,3,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(need_consistency,3,6)
Guilt-Joy	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(accountability,7,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,2,5) influence(goal_consistency,3,6)

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Relief	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3)	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2)	influence(control_potential,1,1) influence(control_potential,1,2) influence(control_potential,2,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(accountability,7,6)
Hope-Relief	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1)	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2)	influence(control_potential,2,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Joy-Relief	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(need_consistency,2,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Relief-Relief	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(need_consistency,2,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Dislike-Relief	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(accountability,7,6)
Frustration-Relief	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(control_potential,1,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)

Liking-Relief	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(accountability,7,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Regret-Relief	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(accountability,7,6)
Disgust-Relief	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Fear-Relief	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,2,3) influence(control_potential,2,4) influence(control_potential,2,5) influence(goal_consistency,3,6)
Pride-Relief	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(accountability,7,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Shame-Relief	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(goal_consistency,3,4) influence(accountability,7,5) influence(need_consistency,2,6)
Sadness-Relief	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Distress-Relief	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(need_consistency,1,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Surprise-Relief	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,3,3) influence(control_potential,3,4) influence(control_potential,2,5) influence(goal_consistency,3,6)

Guilt-Relief	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(accountability,7,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,2,5) influence(need_consistency,2,6)

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Dislike	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3)	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1)	UNSATISFIABLE
Hope-Dislike	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Joy-Dislike	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Relief-Dislike	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Dislike-Dislike	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,1,4) influence(control_potential,1,5) influence(control_potential,1,6)
Frustration-Dislike	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Liking-Dislike	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE

Regret-Dislike	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Disgust-Dislike	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Fear-Dislike	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Pride-Dislike	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Shame-Dislike	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Sadness-Dislike	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Distress-Dislike	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Surprise-Dislike	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE
Guilt-Dislike	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 5). goal_on(control_potential, 1).	UNSATISFIABLE

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Frustration	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Hope-Frustration	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Joy-Frustration	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Relief-Frustration	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Dislike-Frustration	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Frustration-Frustration	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Liking-Frustration	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Regret-Frustration	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE

Init-Goal	Init	Goal	Plan (Hedonic)
Disgust-Frustration	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Fear-Frustration	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Pride-Frustration	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Shame-Frustration	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Sadness-Frustration	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Distress-Frustration	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Surprise-Frustration	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Guilt-Frustration	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE

Anger-Liking	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(control_potential,1,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Hope-Liking	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(accountability,5,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,2,5) influence(goal_consistency,3,6)
Joy-Liking	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(accountability,5,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Relief-Liking	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(accountability,5,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Dislike-Liking	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,2,3) influence(control_potential,1,4) influence(control_potential,2,5) influence(goal_consistency,3,6)
Frustration-Liking	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(accountability,5,5) influence(need_consistency,2,6)
Liking-Liking	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(goal_consistency,3,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Regret-Liking	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(accountability,5,6)
Disgust-Liking	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(goal_consistency,3,4) influence(accountability,5,5) influence(need_consistency,2,6)

	Init	Goal	Plan (Hedonic)
Fear-Liking	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(accountability,5,6)
Pride-Liking	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(accountability,5,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Shame-Liking	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(goal_consistency,3,4) influence(accountability,5,5) influence(need_consistency,2,6)
Sadness-Liking	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(accountability,5,5) influence(need_consistency,2,6)
Distress-Liking	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(accountability,5,5) influence(need_consistency,2,6)
Surprise-Liking	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,3,2) influence(control_potential,3,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(accountability,5,6)
Guilt-Liking	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 5). goal_on(control_potential, 2).	influence(accountability,5,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,2,5) influence(need_consistency,2,6)

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Regret	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE

Hope-Regret	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Joy-Regret	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Relief-Regret	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Dislike-Regret	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Frustration-Regret	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Liking-Regret	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Regret-Regret	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,1,4) influence(control_potential,1,5) influence(control_potential,1,6)
Disgust-Regret	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Fear-Regret	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE

Pride-Regret	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Shame-Regret	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Sadness-Regret	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Distress-Regret	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Surprise-Regret	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE
Guilt-Regret	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 1).	UNSATISFIABLE

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Disgust	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Hope-Disgust	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE

Joy-Disgust	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Relief-Disgust	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Dislike-Disgust	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Frustration-Disgust	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Liking-Disgust	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Regret-Disgust	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Disgust-Disgust	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Fear-Disgust	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Pride-Disgust	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE

Shame-Disgust	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Sadness-Disgust	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Distress-Disgust	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Surprise-Disgust	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE
Guilt-Disgust	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 3).	UNSATISFIABLE

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Fear	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Hope-Fear	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Joy-Fear	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE

Relief-Fear	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Dislike-Fear	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Frustration-Fear	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Liking-Fear	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Regret-Fear	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Disgust-Fear	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Fear-Fear	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,1,4) influence(control_potential,1,5) influence(control_potential,1,6)
Pride-Fear	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Shame-Fear	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE

Sadness-Fear	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Distress-Fear	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Surprise-Fear	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Guilt-Fear	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Pride	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(accountability,6,5) influence(need_consistency,2,6)
Hope-Pride	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(accountability,6,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,2,5) influence(goal_consistency,3,6)
Joy-Pride	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(accountability,6,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Relief-Pride	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(accountability,6,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)

Dislike-Pride	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(accountability,6,6)
Frustration-Pride	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(accountability,6,5) influence(need_consistency,2,6)
Liking-Pride	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(accountability,6,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Regret-Pride	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,2,3) influence(control_potential,1,4) influence(control_potential,2,5) influence(goal_consistency,3,6)
Disgust-Pride	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(goal_consistency,3,4) influence(accountability,6,5) influence(need_consistency,2,6)
Fear-Pride	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(accountability,6,6)
Pride-Pride	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(goal_consistency,3,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)
Shame-Pride	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)
Sadness-Pride	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(accountability,6,5) influence(need_consistency,2,6)

Distress-Pride	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(accountability,6,5) influence(need_consistency,2,6)
Surprise-Pride	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,3,2) influence(control_potential,3,3) influence(control_potential,2,4) influence(goal_consistency,3,5) influence(accountability,6,6)
Guilt-Pride	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(need_consistency,2,6)

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Shame	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Hope-Shame	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Joy-Shame	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Relief-Shame	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Dislike-Shame	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE

Frustration-Shame	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Liking-Shame	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Regret-Shame	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Disgust-Shame	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Fear-Shame	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Pride-Shame	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Shame-Shame	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Sadness-Shame	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Distress-Shame	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE

Surprise-Shame	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE
Guilt-Shame	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 1). goal_on(goal_consistency, 1). goal_on(accountability, 6). goal_on(control_potential, 3).	UNSATISFIABLE

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Sadness	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Hope-Sadness	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Joy-Sadness	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Relief-Sadness	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Dislike-Sadness	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Frustration-Sadness	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,1,1) influence(control_potential,1,2) influence(control_potential,1,3) influence(control_potential,2,4) influence(control_potential,1,5) influence(control_potential,1,6)

Liking-Sadness	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Regret-Sadness	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Disgust-Sadness	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Fear-Sadness	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Pride-Sadness	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Shame-Sadness	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Sadness-Sadness	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,1,4) influence(control_potential,1,5) influence(control_potential,1,6)
Distress-Sadness	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE
Surprise-Sadness	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE

Guilt-Sadness	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 1). goal_on(accountability, 7). goal_on(control_potential, 1).	UNSATISFIABLE

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Distress	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	UNSATISFIABLE
Hope-Distress	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	UNSATISFIABLE
Joy-Distress	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	UNSATISFIABLE
Relief-Distress	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	UNSATISFIABLE
Dislike-Distress	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	UNSATISFIABLE
Frustration-Distress	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	influence(control_potential,2,1) influence(control_potential,1,2) influence(control_potential,1,3) influence(control_potential,1,4) influence(control_potential,1,5) influence(need_consistency,1,6)
Liking-Distress	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	UNSATISFIABLE

Regret-Distress	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	UNSATISFIABLE
Disgust-Distress	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(need_consistency,1,4) influence(need_consistency,1,5) influence(control_potential,1,6)
Fear-Distress	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	influence(control_potential,2,1) influence(control_potential,1,2) influence(control_potential,1,3) influence(control_potential,2,4) influence(control_potential,1,5) influence(need_consistency,1,6)
Pride-Distress	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	UNSATISFIABLE
Shame-Distress	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	UNSATISFIABLE
Sadness-Distress	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	influence(control_potential,2,1) influence(control_potential,1,2) influence(control_potential,1,3) influence(control_potential,2,4) influence(control_potential,1,5) influence(need_consistency,1,6)
Distress-Distress	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(need_consistency,1,4) influence(control_potential,1,5) influence(need_consistency,1,6)
Surprise-Distress	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	UNSATISFIABLE
Guilt-Distress	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	UNSATISFIABLE

Init-Goal	Init	Goal	Plan (Hedonic)
Anger-Surprise	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Hope-Surprise	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Joy-Surprise	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Relief-Surprise	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Dislike-Surprise	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Frustration-Surprise	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Liking-Surprise	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Regret-Surprise	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE

Init-Goal	Init	Goal	Plan (Hedonic)
Disgust-Surprise	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Fear-Surprise	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Pride-Surprise	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Shame-Surprise	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Sadness-Surprise	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Distress-Surprise	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE
Surprise-Surprise	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,1,3) influence(control_potential,1,4) influence(control_potential,2,5) influence(control_potential,2,6)
Guilt-Surprise	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 2). goal_on(goal_consistency, 2). goal_on(accountability, 7). goal_on(control_potential, 2).	UNSATISFIABLE

Init-Goal	Init	Goal	Plan (Hedonic)

Anger-Guilt	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(control_potential,1,1) influence(control_potential,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(control_potential,3,5) influence(accountability,6,6)
Hope-Guilt	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(accountability,6,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,3,5) influence(need_consistency,3,6)
Joy-Guilt	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(accountability,6,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,3,5) influence(goal_consistency,3,6)
Relief-Guilt	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(accountability,6,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,3,5) influence(goal_consistency,3,6)
Dislike-Guilt	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 5). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(goal_consistency,3,3) influence(need_consistency,3,4) influence(accountability,6,5) influence(control_potential,3,6)
Frustration-Guilt	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(control_potential,1,1) influence(control_potential,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(control_potential,3,5) influence(accountability,6,6)
Liking-Guilt	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 5). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(accountability,6,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(control_potential,3,5) influence(need_consistency,3,6)
Regret-Guilt	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(need_consistency,3,5) influence(control_potential,3,6)
Disgust-Guilt	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(goal_consistency,3,3) influence(need_consistency,3,4) influence(accountability,6,5) influence(control_potential,3,6)

Fear-Guilt	init_on(need_consistency, 2). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(goal_consistency,3,3) influence(need_consistency,3,4) influence(accountability,6,5) influence(control_potential,3,6)
Pride-Guilt	init_on(need_consistency, 2). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(control_potential,3,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(need_consistency,3,6)
Shame-Guilt	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(control_potential,1,1) influence(need_consistency,1,2) influence(need_consistency,1,3) influence(goal_consistency,3,4) influence(need_consistency,3,5) influence(control_potential,3,6)
Sadness-Guilt	init_on(need_consistency, 3). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(control_potential,2,1) influence(control_potential,2,2) influence(control_potential,2,3) influence(goal_consistency,3,4) influence(control_potential,3,5) influence(accountability,6,6)
Distress-Guilt	init_on(need_consistency, 1). init_on(goal_consistency, 1). init_on(accountability, 7). init_on(control_potential, 1).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(goal_consistency,3,3) influence(need_consistency,3,4) influence(accountability,6,5) influence(control_potential,3,6)
Surprise-Guilt	init_on(need_consistency, 2). init_on(goal_consistency, 2). init_on(accountability, 7). init_on(control_potential, 2).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(control_potential,2,1) influence(need_consistency,1,2) influence(control_potential,3,3) influence(goal_consistency,3,4) influence(accountability,6,5) influence(need_consistency,3,6)
Guilt-Guilt	init_on(need_consistency, 3). init_on(goal_consistency, 3). init_on(accountability, 6). init_on(control_potential, 3).	goal_on(need_consistency, 3). goal_on(goal_consistency, 3). goal_on(accountability, 6). goal_on(control_potential, 3).	influence(goal_consistency,3,1) influence(goal_consistency,3,2) influence(goal_consistency,3,3) influence(goal_consistency,3,4) influence(goal_consistency,3,5) influence(goal_consistency,3,6)