

Format for annotations

Last updated: 3/9/12

1. List of variables

	Field name	Scalar (S) / Vector (V)	Output description
1	memorable	S	"yes" [1], "no" [0]
2	emotional	S	"yes" [1], "no" [0]
3	semotional	S	"yes" [1], "no" [0]
4	indoor	S	"in" [1], "out" [2], "other" [3]
5	surprising	S	"yes" [1], "no" [0]
6	decision	S	"yes" [1], "no" [0]
7	action	S	"yes" [1], "no" [0]
8	hidden	S	"yes" [1], "no" [0]
9	needed	S	"yes" [1], "no" [0]
10	censored	S	"yes" [1], "no" [0]
11	camerachange	S	"yes" [1], "no" [0]
12	scenechange	S	"yes" [1], "no" [0]
13	splitscreen	S	"yes" [1], "no" [0]
14	revisecut	S	"yes" [1], "no" [2], "merge" [3], "split" [4]
15	clipsounds	V	For each sound, "yes" [1], "no" [0]
16	emotion_checkbox	V	For each emotion, "yes" [1], "no" [0]
17	semotion_checkbox	V	For each self emotion, "yes" [1], "no" [0]
18	nobjjs	S	Number of objects [0-max]
19	obj_checkbox	V	Obj. presence: for each, "yes" [1], "no" [0]
20	obji_checkbox	V	Obj. importance: for each, "yes" [1], "no" [0]
21	objm_checkbox	V	Obj. moving: for each, "yes" [1], "no" [0]
22	nchars	S	Number of characters [0-max]
23	char_checkbox	V	Char. presence: for each, "yes" [1], "no" [0]
24	char_poses	V	Char. viewpoint: for each, DEPRECATED: Frnt (70), side (83), back (66), occluded (79)
25	char_movement	V	Char. movement: for each, 'NA' [0], 'Walking' [1], 'Running' [2], 'Head' [3], 'Hand/Arm' [4]
26	char_talking	V	Char. talking: for each "yes" [1], "no" [0]
27	char_emotions	V	Char. emotions: for each, emotinons

2. Log files (text)

One file for each field

Scalar field (marked with S in above table)

File name = compare_multiple_scalar_<field name>_<date>.log.txt

e.g. "compare_multiple_scalar_surprising_7_3_2012.log.txt"

Line 1: field name (e.g. surprising)

Line 2: cut i f researcher1 researcher2 ... researchern mode

e.g.

For each cut, 1 if there are at least 2 annotations for this field and 0 otherwise
 action_n_researchers 1001x1 8008 double

For each cut, number of researchers that annotated this field
 action_matrix 1001x11 88088 double

For each cut, each column contains the annotations for a different researcher
action_matrix(row_i,column_j) is the annotation for cut i from researcher j
-1 if the researcher did not annotate this field in this cut
otherwise, the variable outputs are described in the table above

action_mode 1001x1 8008 double
 For each cut, majority vote (mode) describing the response from most researchers.

-1 if there was no researcher that annotated this field for this cut
 If there are only 2 researchers, then the first researcher's annotation is reported here (alphabetically)

The vector fields have more information

e.g., consider char_checkbox

char_checkbox_indices_in 1001x1 8008 double
 As defined above

char_checkbox_n_researchers 1001x1 8008 double
 As defined above

char_checkbox_matrix 1001x11x29 2554552 double
 Here there are multiple possible characters (29) for each cut.
 Here entry (i,j,k) describes whether researcher j marked the presence of character k in cut i .

char_checkbox_mode 1001x29 232232 double
 Majority vote for each of the characters

In addition, there are a few more variables:

init_frame_all and finit_frame_all indicate the frame numbers for the start and end of each cut

names_all names of researchers that did annotations (last name, except gk='gabriel kreiman', 'js=jed singer', 'mji=matias ison')

charnames = list of characters in the movie

emnames = list of emotions

objnames = list of objects

soundnames = list of sounds

List of all variables

(for an example case with 1001 cuts)

action_indices_in	1001x1	8008 double
action_matrix	1001x11	88088 double
action_mode	1001x1	8008 double
action_n_researchers	1001x1	8008 double
camerachange_indices_in	1001x1	8008 double
camerachange_matrix	1001x11	88088 double
camerachange_mode	1001x1	8008 double
camerachange_n_researchers	1001x1	8008 double
censored_indices_in	1001x1	8008 double

censored_matrix	1001x11	88088	double
censored_mode	1001x1	8008	double
cesnored_n_researchers	1001x1	8008	double
char_checkbox_indices_in	1001x1	8008	double
char_checkbox_matrix	1001x11x29	2554552	double
char_checkbox_mode	1001x29	232232	double
char_checkbox_n_researchers	1001x1	8008	double
char_emotions_indices_in	1001x1	8008	double
char_emotions_matrix	1001x11x29	2554552	double
char_emotions_mode	1001x29	232232	double
char_emotions_n_researchers	1001x1	8008	double
char_movement_indices_in	1001x1	8008	double
char_movement_matrix	1001x11x29	2554552	double
char_movement_mode	1001x29	232232	double
char_movement_n_researchers	1001x1	8008	double
char_poses_indices_in	1001x1	8008	double
char_poses_matrix	1001x11x29	2554552	double
char_poses_mode	1001x29	232232	double
char_poses_n_researchers	1001x1	8008	double
char_talking_indices_in	1001x1	8008	double
char_talking_matrix	1001x11x29	2554552	double
char_talking_mode	1001x29	232232	double
char_talking_n_researchers	1001x1	8008	double
clipsounds_indices_in	1001x1	8008	double
clipsounds_matrix	1001x11x13	1145144	double
clipsounds_mode	1001x13	104104	double
clipsounds_n_researchers	1001x1	8008	double
cuts_fields	1002x26838	215133408	double
decision_indices_in	1001x1	8008	double
decision_matrix	1001x11	88088	double
decision_mode	1001x1	8008	double
decision_n_researchers	1001x1	8008	double
emotion_checkbox_indices_in	1001x1	8008	double
emotion_checkbox_matrix	1001x11x19	1673672	double
emotion_checkbox_mode	1001x19	152152	double
emotion_checkbox_n_researchers	1001x1	8008	double
emotional_indices_in	1001x1	8008	double
emotional_matrix	1001x11	88088	double
emotional_mode	1001x1	8008	double
emotional_n_researchers	1001x1	8008	double
finit_frame_all	1001x1	8008	double
hidden_indices_in	1001x1	8008	double
hidden_matrix	1001x11	88088	double
hidden_mode	1001x1	8008	double
hidden_n_researchers	1001x1	8008	double
indoor_indices_in	1001x1	8008	double
indoor_matrix	1001x11	88088	double
indoor_mode	1001x1	8008	double
indoor_n_researchers	1001x1	8008	double
init_frame_all	1001x1	8008	double
memorable_indices_in	1001x1	8008	double
memorable_matrix	1001x11	88088	double
memorable_mode	1001x1	8008	double
memorable_n_researchers	1001x1	8008	double
nchars_indices_in	1001x1	8008	double
nchars_matrix	1001x11	88088	double
nchars_mode	1001x1	8008	double
nchars_n_researchers	1001x1	8008	double
needed_indices_in	1001x1	8008	double
needed_matrix	1001x11	88088	double
needed_mode	1001x1	8008	double
needed_n_researchers	1001x1	8008	double
nobjjs_indices_in	1001x1	8008	double
nobjjs_matrix	1001x11	88088	double
nobjjs_mode	1001x1	8008	double
nobjjs_n_researchers	1001x1	8008	double
obj_checkbox_indices_in	1001x1	8008	double
obj_checkbox_matrix	1001x11x30	2642640	double
obj_checkbox_mode	1001x30	240240	double
obj_checkbox_n_researchers	1001x1	8008	double
obji_checkbox_indices_in	1001x1	8008	double
obji_checkbox_matrix	1001x11x30	2642640	double
obji_checkbox_mode	1001x30	240240	double

obji_checkbox_n_researchers	1001x1	8008 double
objm_checkbox_indices_in	1001x1	8008 double
objm_checkbox_matrix	1001x11x30	2642640 double
objm_checkbox_mode	1001x30	240240 double
objm_checkbox_n_researchers	1001x1	8008 double
revisecut_indices_in	1001x1	8008 double
revisecut_matrix	1001x11	88088 double
revisecut_mode	1001x1	8008 double
revisecut_n_researchers	1001x1	8008 double
scenchange_matrix	1001x11	88088 double
scenchange_indices_in	1001x1	8008 double
scenchange_mode	1001x1	8008 double
scenchange_n_researchers	1001x1	8008 double
semotion_checkbox_indices_in	1001x1	8008 double
semotion_checkbox_matrix	1001x11x19	1673672 double
semotion_checkbox_mode	1001x19	152152 double
semotion_checkbox_n_researchers	1001x1	8008 double
semotional_indices_in	1001x1	8008 double
semotional_matrix	1001x11	88088 double
semotional_mode	1001x1	8008 double
semotional_n_researchers	1001x1	8008 double
splitscreen_indices_in	1001x1	8008 double
splitscreen_matrix	1001x11	88088 double
splitscreen_mode	1001x1	8008 double
splitscreen_n_researchers	1001x1	8008 double
surprising_indices_in	1001x1	8008 double
surprising_matrix	1001x11	88088 double
surprising_mode	1001x1	8008 double
surprising_n_researchers	1001x1	8008 double