pspm_options_subfields_simp

	option_subfi	function	data type	default val	acceptable values	verification
10	channel	pspm_blink_saccade_filt	double	0	none	verified
15	channel_acti	pspm_blink_saccade_filt	char	add	add, replace	verified
16	channel_acti	pspm_compute_visual_angle	char	add	add, replace	verified
64	eye	pspm_compute_visual_angle	char	c	l, r, c	verified
81	interpolate	pspm_compute_visual_angle_cor	struct	?	struct('extrapolate', 1)	
18	zscored	pspm_con1	double	0	0, 1	verified
11	overwrite	pspm_con2		pspm_overwr	0, 1	
17	channel_acti	pspm_convert_area2diameter		add	add, replace	
18	channel_acti	pspm_convert_au2unit		add	add, replace	
20	channel_acti	pspm_convert_ecg2hb		replace	add, replace	
36	debugmode	pspm_convert_ecg2hb		0	?	
94	maxHR (bpm)	pspm_convert_ecg2hb		200	?	
10	minHR (bpm)	pspm_convert_ecg2hb		20	?	
15	semi	pspm_convert_ecg2hb		1	?	
18	twthresh (s)	pspm_convert_ecg2hb		0.36	?	
11	channel	pspm_convert_ecg2hb_amri		ecg	?	
19	channel_acti	pspm_convert_ecg2hb_amri		add	add, replace	
55	ecg_bandpass	pspm_convert_ecg2hb_amri		[0.5 40]	?	
77	hrrange	pspm_convert_ecg2hb_amri		[20 200]	?	
97	min_cross_co	pspm_convert_ecg2hb_amri		0.5	?	
98	min_relative	pspm_convert_ecg2hb_amri		0.4	?	
11	out_channel	pspm_convert_ecg2hb_amri		?	a 'heartbeat' channel to the given PsPM file	
16	signal_to_us	pspm_convert_ecg2hb_amri		auto	ecg, teo, auto	
17	teo_bandpass	pspm_convert_ecg2hb_amri		[8 40]	?	
17	teo_order	pspm_convert_ecg2hb_amri		1	?	
21	channel_acti	pspm_convert_gaze_distance		add	add, replace	
22	channel_acti	pspm_convert_hb2hp		replace	add, replace	
83	limit.lower	pspm_convert_hb2hp		0.2	?	
84	limit.upper	pspm_convert_hb2hp		2	?	
23	channel_acti	pspm_convert_pixel2unit		add	add, replace	
24	channel_acti	pspm_convert_ppg2hb		replace	add, replace	
41	diagnostics	pspm_convert_ppg2hb		FALSE	?	
85	lsm	pspm_convert_ppg2hb		0	?	
13	replace	pspm_convert_ppg2hb		?	(defined but not implemented)	
25	channel_acti	pspm_convert_visangle2sps		add	add, replace	
31	chans	pspm_convert_visangle2sps		?	(the first found gaze data channel)	
65	eye	pspm_convert_visangle2sps		c	l, r, c	
56	epoch_file	pspm_data_editor		?	file must be a struct with an 'epoch' field	
11	output_file	pspm_data_editor		?	a file the changed data is saved to	
11	overwrite	pspm_data_editor		pspm_overwr	0, 1	
4	aSCR_sigma_o	pspm_dcm		0.1s	minimum dispersion (standard deviation) for flexible res	
34	crfupdate	pspm_dcm		use pre-est	update CRF priors to observed SCRF, or use pre-estimated	
39	depth	pspm_dcm		2	no of trials to invert at the same time	
45	dispsmallwin	pspm_dcm		0	0, 1	
50	dispwin	pspm_dcm		1	0, 1	
58	eventnames	pspm_dcm		?	Cell array of names for individual events	
74	getrf	pspm_dcm		?	only estimate RF, do not do trial-wise DCM	
79	indrf	pspm_dcm		0	Estimate the response function from the data	
11	nosave	pspm_dcm		Don't save	?	
11	overwrite	pspm_dcm		pspm_overwr	0, 1	
14	rf	pspm_dcm		Call an ext	?	
15	sclpost	pspm_dcm		5s	scl-change-free window after last event	
15	sclpre	pspm_dcm		2s	scl-change-free window before first event	
16	sffreq	pspm_dcm		0.5/s	maximum frequency of SF in ITIs	
16	sfpost	pspm_dcm		5s	sf-free window after last event	
16	sfpre	pspm_dcm		2s	sf-free window before first event	
18	trlnames	pspm_dcm		?	Cell array of names for individual trials, is used for c	
2	aSCR	pspm_dcm_inv		?	contains the data to adjust the RF to	
3	aSCR_sigma_o	pspm_dcm_inv		0.1s	minimum dispersion (standard deviation) for flexible res	
33	crfupdate	pspm_dcm_inv		use pre-est	update CRF priors to observed SCRF, or use pre-estimated	
38	depth	pspm_dcm_inv		2	no of trials to invert at the same time	
44	dispsmallwin	pspm_dcm_inv		0	0, 1	
49	dispwin	pspm_dcm_inv		1	0, 1	
57	eSCR	pspm_dcm_inv		?	contains the data to estimate RF from	

70	fixevents	pspm_dcm_inv		?	fixed events to adjust amplitude priors
71	flexevents	pspm_dcm_inv		?	flexible events to adjust amplitude priors
73	getrf	pspm_dcm_inv		?	only estimate RF, do not do trial-wise DCM
95	meanSCR	pspm_dcm_inv		?	data to adjust the response amplitude priors to
10	missing	pspm_dcm_inv		?	data points to be disregarded by inversion
14	rf	pspm_dcm_inv		?	use pre-specified RF, provided in file, or as 4-element
14	sclpost	pspm_dcm_inv		5s	scl-change-free window after last event
15	sclpre	pspm_dcm_inv		2s	scl-change-free window before first event
15	sffreq	pspm_dcm_inv		0.5/s	maximum frequency of SF in ITIs
16	sfpost	pspm_dcm_inv		5s	sf-free window after last event
16	sfpre	pspm_dcm_inv		2s	sf-free window before first event
11	overwrite	pspm_down		pspm_overwr	0, 1
1	artefact	pspm_ecg_editor		?	epoch file with epochs of artefacts (to be ignored)
67	factor	pspm_ecg_editor		?	To what factor should potentially wrong hb events
76	hb	pspm_ecg_editor		?	Channel id of the existing hb channel
78	hrrange	pspm_ecg_editor		?	?
15	semi	pspm_ecg_editor		?	Defines whether to navigate between potentially wrong hb
12	channel	pspm_emg_pp		emg	channel ID to be preprocessed
26	channel_acti	pspm_emg_pp		replace	add, replace
86	mains_freq	pspm_emg_pp		50Hz	[integer] Frequency of mains noise to remove with notch
37	delim	pspm_exp		tab	delimiter for output file
60	exclude_miss	pspm_exp		0	exclude parameters from conditions with too many NaN val
17	statstype	pspm_exp		param	param, cond, recon
17	target	pspm_exp		screen	a name of an output text file
82	length	pspm_extract_segments		?	Length of the segments in the 'timeunits'. If given the
87	marker_chan	pspm_extract_segments		?	Mandatory if timeunit is 'markers'. For the function to
10	nan_output	pspm_extract_segments		none	screen, File Output, none
10	norm	pspm_extract_segments		0	0, 1
11	outputfile	pspm_extract_segments		0	0, 1
11	overwrite	pspm_extract_segments		pspm_overwr	0, 1
13	plot	pspm_extract_segments		0	If 1 mean values (solid) and standard error of the mean
17	timeunit	pspm_extract_segments		seconds	seconds, samples, markers
27	channel_acti	pspm_find_sounds		?	add, none, replace
29	channel_outp	pspm_find_sounds		all	all, corrected
42	diagnostics	pspm_find_sounds		?	true, false
62	expectedSoun	pspm_find_sounds		?	[integer] Checks for correct number of detected sounds
93	maxdelay	pspm_find_sounds		?	[number] Upper limit (in seconds)
99	mindelay	pspm_find_sounds		?	[number] Lower limit (in seconds)
13	plot	pspm_find_sounds		?	true, false
14	resample	pspm_find_sounds		?	[integer] spline interpolates the sound by the factor sp
14	roi	pspm_find_sounds		?	[vector of 2 floats] Region of interest for discovering
16	sndchannel	pspm_find_sounds		?	[integer] number of the channel holding the sound
17	threshold	pspm_find_sounds		?	[0...1] percent
18	trigchannel	pspm_find_sounds		?	[integer] number of the channel holding the triggers
30	channels	pspm_find_valid_fixations		?	Choose channels in which the data should be set to NaN c
66	eyes	pspm_find_valid_fixations		?	Define on which eye the operations should be performed.
69	fixation_poi	pspm_find_valid_fixations		?	A nx2 vector containing x and y of the fixation point
10	missing	pspm_find_valid_fixations		?	If missing is enabled (=1), an extra channel will be wri
10	newfile	pspm_find_valid_fixations		' (I assume	Define new filename to store data to it, default is ''
12	overwrite	pspm_find_valid_fixations		pspm_overwr	0, 1
13	plot_gaze_co	pspm_find_valid_fixations		?	Define whether to plot the gaze coordinates for visual i
14	resolution	pspm_find_valid_fixations		?	Resolution with which the fixation point is defined
13	channel	pspm_gaze_pp		?	channel ID to be preprocessed
28	channel_comb	pspm_gaze_pp		?	channel ID to be combined
18	valid_sample	pspm_gaze_pp		0	0, 1
68	filename	pspm_get_markerinfo		empty	char
88	marker_chan	pspm_get_markerinfo		-1	double
12	overwrite	pspm_get_markerinfo		pspm_overwr	0, 1
5	aSCR_sigma_o	pspm_get_rf..inherited.from.pspm_dcm.		0.1s	minimum dispersion (standard deviation) for flexible res
35	crfupdate	pspm_get_rf..inherited.from.pspm_dcm.		use pre-est	update CRF priors to observed SCRF, or use pre-estimated
40	depth	pspm_get_rf..inherited.from.pspm_dcm.		2	no of trials to invert at the same time
46	dispsmallwin	pspm_get_rf..inherited.from.pspm_dcm.		0	0, 1
51	dispwin	pspm_get_rf..inherited.from.pspm_dcm.		1	0, 1
59	eventnames	pspm_get_rf..inherited.from.pspm_dcm.		?	Cell array of names for individual events
75	getrf	pspm_get_rf..inherited.from.pspm_dcm.		?	only estimate RF, do not do trial-wise DCM
80	indrf	pspm_get_rf..inherited.from.pspm_dcm.		0	Estimate the response function from the data

11	nosave	pspm_get_rf..inherited.from.pspm_dcm.	Don't save	?	
12	overwrite	pspm_get_rf..inherited.from.pspm_dcm.	pspm_overwr	0, 1	
14	rf	pspm_get_rf..inherited.from.pspm_dcm.	Call an ext	?	
15	sclpost	pspm_get_rf..inherited.from.pspm_dcm.	5s	scl-change-free window after last event	
15	sclpre	pspm_get_rf..inherited.from.pspm_dcm.	2s	scl-change-free window before first event	
16	sffreq	pspm_get_rf..inherited.from.pspm_dcm.	0.5/s	maximum frequency of SF in ITIs	
16	sfpost	pspm_get_rf..inherited.from.pspm_dcm.	5s	sf-free window after last event	
16	sfpre	pspm_get_rf..inherited.from.pspm_dcm.	2s	sf-free window before first event	
18	trlnames	pspm_get_rf..inherited.from.pspm_dcm.	?	Cell array of names for individual trials, is used for c	
61	exclude_miss	pspm_glm	?	a struct marks trials during which NaN percentage exceed	
89	marker_chan_	pspm_glm	the last ma	double	
12	overwrite	pspm_glm	pspm_load1	0, 1	
12	overwrite	pspm_import	pspm_overwr	0, 1	
32	chans	pspm_interpolate	empty	?	
63	extrapolate	pspm_interpolate	?	Determine should extrapolate	
96	method	pspm_interpolate	linear	it says 'see interp1()', but I did not see that functior	
10	newfile	pspm_interpolate	0	?	
12	overwrite	pspm_interpolate	pspm_overwr	0, 1	
19	channel_acti	pspm_interpolate	add	add, replace	
12	overwrite	pspm_load1	user dialog	0, 1	
18	zscored	pspm_load1	?	zscore data	
90	marker_chan_	pspm_merge	?	2 marker channel numbers	
12	overwrite	pspm_merge	pspm_overwr	0, 1	
12	overwrite	pspm_pfm	pspm_overwr	0, 1	
12	overwrite	pspm_pp	pspm_overwr	0, 1	
6	bf	pspm_process_illuminance	?	settings for the basis functions	
72	fn	pspm_process_illuminance	?	[filename] if specified, save ldata{i,j}	
13	overwrite	pspm_process_illuminance	pspm_overwr	0, 1	
17	transfer	pspm_process_illuminance	?	params for the transfer function	
7	C_x	pspm_pupil_correct_eyelink	?	See pspm_pupil_correct	
8	C_y	pspm_pupil_correct_eyelink	?	See pspm_pupil_correct	
9	C_z	pspm_pupil_correct_eyelink	?	See pspm_pupil_correct	
14	channel	pspm_pupil_correct_eyelink	?	channel ID to be preprocessed	
10	mode	pspm_pupil_correct_eyelink	?	'auto'/'manual'	
14	S_x	pspm_pupil_correct_eyelink	?	See pspm_pupil_correct	
14	S_y	pspm_pupil_correct_eyelink	?	See pspm_pupil_correct	
14	S_z	pspm_pupil_correct_eyelink	?	See pspm_pupil_correct	
15	screen_size_	pspm_pupil_correct_eyelink	?	Screen size (width x height)	
15	screen_size_	pspm_pupil_correct_eyelink	?	Screen size (width x height)	
20	channel_acti	pspm_pupil_correct_eyelink	?	add, replace	
20	channel_acti	pspm_remove_epochs	?	add, replace	
20	channel_acti	pspm_resp_pp	?	add, replace	
20	channel_acti	pspm_scr_pp	?	add, replace, withdraw	
20	change_data	pspm_scr_pp	1	0, 1	
20	chan	pspm_scr_pp	first SCR c	?	
20	clipping_ste	pspm_scr_pp	2	numeric?	
20	clipping_thr	pspm_scr_pp	0.1	numeric?	
20	deflection_t	pspm_scr_pp	0.1	numeric?	
21	deflection_i	pspm_scr_pp	0	numeric?	
21	expand_epoch	pspm_scr_pp	0.5	numeric?	
21	max	pspm_scr_pp	60	numeric?	
21	min	pspm_scr_pp	0.05	numeric?	
21	missing_epoc	pspm_scr_pp	?	create a .mat file saving the epochs	
21	slope	pspm_scr_pp	10	numeric?	
10	newfile	pspm_segment_mean	' (I assume	?	
13	overwrite	pspm_segment_mean	pspm_overwr	0, 1	
13	plot	pspm_segment_mean	?	Display plot of the mean of each condition	
18	adjust_metho	pspm_segment_mean	?	'none'/'downsample'/'interpolate'	
48	dispsmallwin	pspm_sf	0	0, 1	
54	dispwin	pspm_sf	1	0, 1	
91	marker_chan_	pspm_sf	0	?	
13	overwrite	pspm_sf	pspm_overwr	0, 1	
17	threshold	pspm_sf	0.1mcS	?	
21	fresp	pspm_sf	0.5	numeric?	
22	theta	pspm_sf	read from p	?	
18	adjust_metho	pspm_sf_auc	?	?	

47	dispsmallwin	pspm_sf_dcm		0	0, 1	
52	dispwin	pspm_sf_dcm		1	0, 1	
17	threshold	pspm_sf_dcm		0.1mcS	?	
21	fresp	pspm_sf_dcm		0.5	numeric?	
22	theta	pspm_sf_dcm		read from p	?	
43	diagnostics	pspm_sf_mp		FALSE	true, false	
53	dispwin	pspm_sf_mp		1	0, 1	
17	threshold	pspm_sf_mp		0.1mcS	?	
21	fresp	pspm_sf_mp		0.5	numeric?	
22	theta	pspm_sf_mp		read from p	?	
21	fresp	pspm_show_arms		?	?	
22	theta	pspm_show_arms		?	?	
10	missing	pspm_split_sessions		?	Optional name of an epoch file	
13	overwrite	pspm_split_sessions		pspm_overwr	0, 1	
19	max_sn	pspm_split_sessions		10 (setting	?	
19	min_break_ra	pspm_split_sessions		3 (settings	?	
19	prefix	pspm_split_sessions		0	?	
19	randomITI	pspm_split_sessions		0	?	
19	splitpoints	pspm_split_sessions		?	directly specify session start	
19	suffix	pspm_split_sessions		0	?	
92	marker_chan_	pspm_trim		first marke	?	
13	overwrite	pspm_trim		pspm_overwr	0, 1	
19	drop_offset_	pspm_trim		0	numeric?	
18	delete	pspm_write_channel		?	'last'/'first'/'all'	
19	msg	pspm_write_channel		?	char/struct()	
19	prefix	pspm_write_channel		?	custom history message prefix text	
20	chan	pspm_write_channel		0	contains channel id of added / replaced / deleted	