

Monkeypsych data trial parameters

States

State	State Name	State Type	Info
1	INI_TRI	wait	initialize trial
2	FIX_ACQ	acquisition	fixation acquisition
3	FIX_HOL	hold	fixation hold
4	TAR_ACQ	acquisition	target acquisition
5	TAR_HOL	hold	target hold
6	CUE_ON	hold	cue on
7	MEM_PER	hold	memory period
8	DEL_PER	hold	delay period
9	TAR_ACQ_INV	acquisition	target acquisition invisible
10	TAR_HOL_INV	hold	target hold invisible
11	MAT_ACQ	acquisition	target acquisition in S2S task
12	MAT_HOL	hold	target hold in S2S task
13	MAT_ACQ_MSK	acquisition	masked target acquisition in S2S task
14	MAT_HOL_MSK	hold	masked target hold in S2S task
15	SEN_RET	acquisition	return to sensors for poffenberger
16	FIX_PER	hold	fixation with multiple cue flashes
17	MSK_HOL	hold	backwards mask for M2S
19	ABORT	wait	state determining abort code
20	SUCCESS	wait	state determining success consequences
21	REWARD	wait	dispense reward
22	CUE_ON_AUDITIV	hold	auditory cue
23	TA2_ACQ	acquisition	wager target acquisition
24	TA2_HOL	hold	wager target hold
25	FI2_ACQ	acquisition	wager fixation (?) acquisition
26	FI2_HOL	hold	wager fixation (?) hold
50	ITI	wait	inter trial interval
60	SAC_INI	postprocessing	saccade initiation
61	SAC_END	postprocessing	saccade end
62	REA_INI	postprocessing	reach initiation
63	REA_END	postprocessing	reach end
68	MOV_INI	postprocessing	movement initiation (regardless of effector, reach if both)
69	MOV_END	postprocessing	movement end (regardless of effector, reach if both)
90	TRI_END	postprocessing	trial end (regardless of success)
98	ITI_END	postprocessing	ITI end (regardless of last trial)
99	CLOSE	wait	end run and save
-1	SUCCESS_ABORT	MP analyze	trial end (regardless of success)?

Types

All types start with INI_TRI and end with ABORT/(SUCCESS + REWARD), then ITI

Type	Info	State Order
1	fixation	FIX_ACQ FIX_HOL
2	direct saccade/reach	FIX_ACQ FIX_HOL TAR_ACQ TAR_HOL
2.5	direct saccade/reach with "cue" distractor	FIX_ACQ FIX_HOL CUE_ON MEM_PER TAR_ACQ TAR_HOL
3	memory	FIX_ACQ FIX_HOL CUE_ON MEM_PER TAR_ACQ_INV TAR_HOL_INV TAR_ACQ TAR_HOL
4	delay	FIX_ACQ FIX_HOL CUE_ON DEL_PER TAR_ACQ TAR_HOL
5	Search-to-sample	FIX_ACQ FIX_HOL CUE_ON MEM_PER MAT_ACQ MAT_HOL
6	Search-to-sample (masked targets)	FIX_ACQ FIX_HOL CUE_ON MEM_PER MAT_ACQ_MSK MAT_HOL_MSK
7	Poffenberger	FIX_ACQ FIX_HOL TAR_ACQ SEN_RET DEL_PER
8	Multiple cue flashes for RF checking	FIX_ACQ FIX_HOL CUE_ON FIX_PER
9	delayed M2S with backward masking	FIX_ACQ FIX_HOL CUE_ON MSK_HOL TAR_ACQ TAR_HOL
10	delayed M2S with backward masking + Wagering	FIX_ACQ FIX_HOL CUE_ON MSK_HOL TAR_ACQ TAR_HOL CUE_ON_AUDITIV FI2_ACQ FI2_HOL TA2_ACQ TA2_HOL
11	Fixation with visual cue	FIX_ACQ FIX_HOL CUE_ON DEL_PER
12	Fixation with auditory cue	FIX_ACQ FIX_HOL CUE_ON CUE_ON_AUDITIV

Effectors

Effector	Abbreviation	Info
0	Sac	eye only
1	Rea	hand only
2	???	joint movement
3	Dsa	dissociated saccade
4	Dre	dissociated reach
5	???	sensors
6	cfr	dissociated reach with intitial central fixation

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