

protocol_21

Table of contents

1	Protocol Parameters	1
2	Conditions	2
3	Pattern Previews	2
3.0.1	Pattern 7	2
3.0.2	Pattern 19	2
3.0.3	Pattern 20	2
3.0.4	Pattern 26	2
3.0.5	Pattern 27	3

Protocol_21.m - follow up protocol 1 after protocol 19 double effector test screen. Based on protocol 19 Includes: - greyscale interval frame. - slower curtain stimuli - fast grating stimuli - slower grating stimuli. Created new: - greyscale background pattern for interval - 30 deg and 60 deg grating patterns that move by 2 pixels every frame instead of 1 in order to mimic double the speed.

Used 30 deg (16 pixels) curtains. Ended up using 32 pixel curtains in the p27 protocol to match the number of pixels of one white - black bar for the 60 deg gratings.

Results and analysis can be found in the Numbers file “2502_follow_up_protocols”.

1 Protocol Parameters

Parameter	Value
Conditions	10
Patterns Used	5
t_acclim	20s
t_pause	0.015

2 Conditions

#	Pattern	Speed	Duration	Description
1	Pattern 27	29	-s	grating - 60 deg
2	Pattern 27	29	-s	
3	Pattern 26	29	-s	grating - 30 deg - - 3
4	Pattern 26	29	-s	- - 4
5	Pattern 19	29	-s	ON curtain - - 5
6	Pattern 19	29	-s	- - 6
7	Pattern 20	29	-s	OFF curtain - - 7
8	Pattern 20	29	-s	- - 8
9	Pattern 7	29	-s	Flicker as a stimulus - 60 deg - slow
10	Pattern 7	29	-s	Flicker as a stimulus - 60 deg - fast

3 Pattern Previews

3.0.1 [Pattern 7](#)



3.0.2 [Pattern 19](#)



3.0.3 [Pattern 20](#)



3.0.4 [Pattern 26](#)



3.0.5 Pattern 27

