Category learning experiment: PLY75

Participant Number: 101 STRATEGY QUESTIONNAIRE				
Imagine that another person was aske would you give them so that they could	d exactly copy you?	Please try to be as pre	ecise as possible.	
If the lines are	very Etnick Si	ort into Calegor	y A.	
if the colours blend	together also	sort into cutego	ry A	
If there are lot	of thiner	black lines th	ils	
If there are lots Sort into category If the colour as Sort into category	B. re repeated pry 8.	many times	then	
On what features of the stimulus did ate.	l you base your de	ecisions? Select as m	any as appropri-	
□The size of the nucleus □Features of the cell wall		de of the nucleus fother please state:		
□Not sure	Palarn	ard width of l	ires	
How sure are you that your system	was the best one	possible?		
Not at all			Certain	
0 1	2	3	4	
What percentage of the cells did you	ı consistently mis	classify with this stra	itegy?	

50°/0

Category learning experiment: PLY75 Participant Number: 102 STRATEGY QUESTIONNAIRE

would you give them so the					
For Category A					
A clide hash is	7 morned in	Looks like a	circle which four	scenels	
Any stide that is Zoomed in Looks like a circle which transcends					
from black to grey, or wolks like a circle with different shades but					
no dishnit teahin	es of lines.				
Distinguishing bet	ween ARB				
		- 14	12 1 1/2 1 2	151.4. (2)	
· A has micher lin	es. As lines	are notally i	lerhal, or shew s	nsmy 10	
The left (anti-do	almies.	a'n a - ha a/m	and himizontal ara	tor	
· B has thin lines a	and tend to e	enner de wirr	lacking mone	M .	
large angle away	form the ve	man ma			
11 enally he has	liness of h	re lines over	powers the wiga		
which he lines or	entato 17	of the time of	1000 0016 20	/	
nght (dollunge))). But if	he lines an	re vertical or sil	wh	
me left then ther	are alm	St alnuns	A.		
The left to the trace		J			
On what features of the sate.			ecisions? Select as ma	any as appropri-	
Merchenist	JARA VARA	١			
☐The size of the nucleus			le of the nucleus		
□Not sure	□Features of the cell wall □Not sure □Not sur				
How sure are you that yo	our system was			00010711	
Not at all				Certain	
0	1	2	3	4	
What percentage of the o	cells did you co	onsistently mis	classify with this stra	tegy?	
5-10%					

Category learning experiment: PLY75 Participant Number: 103 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to would you give them so that they could ex				
If the lines are thicke (buttouc)	r you ne	en to ree	fer to stin	
category A. If the cell	ls one r	nore zoome	ol, bluresol	
you need to put the	em in	category (A). If the	
thes cells are more	bright,	pinore lines	, smaller	
gaps between lines p	ough the	button 14.		
,				
On what features of the stimulus did you	ou base your de	cisions? Select a	as many as appropri-	
The size of the nucleus	☑/The shad	e of the nucleus		
□Features of the cell wall □Not sure	□Other - If	other please state	:	
How sure are you that your system was	s the best one p	ossible?		
Not at all			Certain	
0 1	2	3	4	
What percentage of the cells did you consistently misclassify with this strategy?				
		24		
		_		

Category learning experiment: PLY75 Participant Number: 104

STRAT	EGY QL	JESTIONN	AIRE		
Imagine that another person was asked would you give them so that they could					
The circles with	, , ,	A	aiority) 05	
On what features of the stimulus did y ate.	you bas	e your de	cisions? Sele	ect as ma	any as appropri-
□The size of the nucleus □Features of the cell wall □Not sure	1	•	e of the nucle other please s		
How sure are you that your system wa	as the b	est one p	ossible?		
Not at all					Certain
0		2	3		4
What percentage of the cells did you consistently misclassify with this strategy?					

Category learning experiment: PLY75 Participant Number: 105 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to sort the cells exactly as you did. What instructions would you give them so that they could exactly copy you? Please try to be as precise as possible.
Place each different circle into
either category A or B. you will
hear a sound to tell you if
you were right or wrong.
you memory to replicate correct
outcomes.
On what features of the stimulus did you base your decisions? Select as many as appropriate.
□The size of the nucleus
□Features of the cell wall □Not sure
□Not sure Shripes, memorg How sure are you that your system was the best one possible?
Not at all Certain
0 1 2 3 4
What percentage of the cells did you consistently misclassify with this strategy?
?

Category learning experiment: PLY75 Participant Number: 106 STRATEGY QUESTIONNAIRE

Imagine that another person was asked t would you give them so that they could e			
Hess ((Caterayy A) f	or pictur	es of Cells L	uhich
Were proven more	zoomed	in, for exa	mple
only snawing 3-41	ines or les	SS -	
Press m (caterogy B)	for nichu	res (A) colls 11	lo i cla
had many mae in	the proces	re (nacil) an	VIII hiCh
Scened thunner+ long	rer	re (w4 4) w	D W II OI
700100110011	yo.		
On what features of the stimulus did y			any as appropri-
ate. th thiness of the lines,	gaps beti	veen lines	
□The size of the nucleus		le of the nucleus	
□Features of the cell wall □Not sure	□Other - If	other please state:	
How sure are you that your system wa	s the best one p	possible?	
Not at all			Certain
0 1	(2)	3	4
What percentage of the cells did you c		classify with this stra	tegy?
a good 30-210/	ercentage		

Category learning experiment: PLY75 Participant Number: 107 STRATEGY QUESTIONNAIRE

									ecise as possible.
The	ones	wm	cs	faded	l coloni	were	ote.	goy	A ·
Corte	gay b	ceus	rad	SHADI	facing	mwan	ne	ngni	: •
On what features of the stimulus did you base your decisions? Select as many as appropriate.									
	e of the nues of the c				□Other	hade of th	olease s	state:	
□Not sur								strips	ofcolow
How sur	e are you	that you	ur syste	em was	the best o	ne possib	le?		
No	t at all								Certain
	0		1		2		3		4
What percentage of the cells did you consistently misclassify with this strategy?									
10%									

Category learning experiment: PLY75 Participant Number: 108 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to so would you give them so that they could exact the cells which have should be caregorised the lines pass a certific the zoomed in cell,	tly copy you? thin into go reach thick	Please try to be as power times comp B. Cini. Congel. Congel. Congel. Congel. Congel. Congel.	recise as possible.	
group A unless				
All Cells past	(1) HA	s angle si	hould	
catergorised in A.				
All cells parsed t	9 Show	ald be in	B.	
On what features of the stimulus did you ate. Angle and Hickness			many as appropri-	
□The size of the nucleus □Features of the cell wall □Not sure		e of the nucleus other please state:		
How sure are you that your system was the best one possible?				
Not at all			Certain	
0 1	(2)	3	4	
What percentage of the cells did you cons	sistently misc	classity with this st	rategy?	
154.				

Category learning experiment: PLY75 Participant Number: 109 STRATEGY QUESTIONNAIRE

Imagine that another person was asked would you give them so that they could be (3+). The cells with more, thinner whereas the cells with the on the 3rd + 4th go the se wil 3 lines found housentable Addintarially 1 with any 2 lie of the cell belayed in Gralle has very hard!	exactly copy you? black lines licker I blovred ame still aft y would below nes neaver to	xactly as you did. What Please try to be as pre- tended to be of the delines went to die	ecise as possible. B, point t. cello
On what features of the stimulus did y ate. The 'duraction' on the lines,	-		
☐ The size of the nucleus ☐ Other - If other please state: ☐ Not sure			
How sure are you that your system wa	as the best one p	oossible?	
Not at all		0	Certain
(0) 1	2	3	4
What percentage of the cells did you consistently misclassify with this strategy?			
240 1/.			

Category learning experiment: PLY75 Participant Number: 110 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to would you give them so that they could exa	actly copy you?	Please try to be as pi	recise as possible.
I started my or g	aux sing	me cells	based
on their co cour.	1 used	whet her	Mey
were "shiped" or	a gra	dient as) a
deciding factor.			
which direction		•	
the cells. I also roomed in the	consid	lened wh	how
roomed in the	patte	rn on	The
cell appeared	to be.		
	u basa yaun da	sisiana? Salaat aa n	any ao annranti
On what features of the stimulus did you ate.	u base your de	cisions? Select as n	any as appropri-
☐The size of the nucleus	☐The shade	e of the nucleus	
☑Features of the cell wall		other please state:	
□Not sure			
How sure are you that your system was	the best one p	ossible?	-
Not at all			Certain
0 1	2	3	4
What percentage of the cells did you co	nsistently misc	classify with this str	ategy?
20%			

Category learning experiment: PLY75 Participant Number: 111 STRATEGY QUESTIONNAIRE

vould you give them so						
Cercles un	n lers of l	تملئ	- M.			
	n lets of 1 no/bury w	nes -	C			
M / Sc						
n what features of th	e stimulus did y	ou ba	ase your de	ecisions? Selec	t as many	as appropri-
Number of bars Previous stimulus Not sure			⊡Orientatio □Other - If	on of bars other please sta	ite:	
ow sure are you that	your system wa	as the	best one p	ossible?		
Not at all						Certain
0	1		2	(3)		4
hat percentage of the	e stimuli did you	u con	sistently m	isclassify with	this strat	egy?
		4	(O	7 =		
		, u				

Category learning experiment: PLY75

Participant Number: 112 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to sort the stimuli exactly as you did. What instructions would you give them so that they could exactly copy you? Please try to be as precise as possible.

To start with I would at the 3D effect. Some appeared burry and more zoomed in = category A. Those that appeared to have a 3D effect cottegory B. Although this system seemed incorrect near end. I then tried focusing on lines and black. Space, authorize this also seemed to fit for some but not all. Consequently I woohed at direction the lines were facing but again this was not consistent. It seemed to be a number of factors rather than one.

On what features of the stimulus did you base your decisions? Select as many as appropri-			
ate. lines, space, direction ibjury-ness"			
■Mumber of bars ■Orientation of bars			
□Previous stimulus			

bluy or not

How sure are you that your system was the best one possible?

□Not sure

Not at all				Certain
(0)	1	2	3	4

What percentage of the stimuli did you consistently misclassify with this strategy?

60%

Category learning experiment: PLY75 Participant Number: 113 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to sort the stimuli exactly as you did. What instructions would you give them so that they could exactly copy you? Please try to be as precise as possible.						
1 - First notice the thickness of the darkest line, if it is thin press M, and if it is thick press A C.						
2 - if the darkest line is in the middle not thick and not thin , and it is more facing to thick and not thin , and it is more facing to the right side of press M if it is facing mostly up buil slightly towards the right press C 3 Towards of Second break thickness become meaningles, the direction are which the line is facing is more important than the thickness. Unless of Shadaw is very shirth and light then always great C.						
On what features of the stimulus did y ate.	ou ba	ase your de	ecisions? Select as ma	any as appropri-		
□Number of bars □Previous stimulus □Not sure		□Orientatio □Other - If	on of bars other please state:			
How sure are you that your system was the best one possible?						
Not at all				Certain		
0 1		2	3	(4)		
What percentage of the stimuli did yo	u con	sistently m	isclassify with this st	trategy?		
30%						
M.						

Category learning experiment: PLY75 Participant Number: 114 STRATEGY QUESTIONNAIRE

Imagine that another pers would you give them so the	nat they could e	xactly	copy you?	Please try	to be as pre	cise as possible.
Category A - f	in tui	- N-C	picti	res	where	unes
ver ensur	y blurry	0	nol ho	indly	vecos	ni sable
and also	u here	Ü	nes	slan	ted fr	Mc
bottom my	gut to	10	plet	t(\) , , , , ,	
Category B- & stants from or in be blurry ones	meen	tr	Un. A	ny N	early	
					0.1.1.	
On what features of the ate.	stimulus did y	ou ba	ase your de	ecisions?	Select as ma	any as appropri-
Number of bars			⊠Órientatio			
□Previous stimulus			☑Other - If			
□Not sure			BLUI	ines.	2	
How sure are you that y	our system wa	s the	best one p	ossible?	,	
Not at all						Certain
0	1		2		3	4
What percentage of the	stimuli did you	ı con	sistently m	isclassify	with this st	rategy?
10-20%	?					7.

Category learning experiment: PLY75

	oant Numbei GY QUESTIONN		
Imagine that another person was asked to would you give them so that they could ex			
The one that has more than 3 b	oars are Co	itegory B.	
Less than & 4 bars are usual			
Some bars that have 3 and in	a parallel u	vay is A, the or	her
ways (directions) are B.			
Some of the stimuli should be	me morized	1,	
On what features of the stimulus did you ate.	ou base your de	cisions? Select as m	any as appropri-
⊠Number of bars	☑Orientatio		
☑Previous stimulus ☑Not sure	□Other - If	other please state:	
How sure are you that your system was	s the best one p	ossible?	70
Not at all			Certain
0 1	2	3	4
What percentage of the stimuli did you	consistently m	isclassify with this s	trategy?

30-1

Category learning experiment: PLY75 Participant Number: 116 STRATEGY QUESTIONNAIRE

Imagine that another pers would you give them so the	hat they could e	exactly	copy you?	Please tr	y to be as pre	cise as possible.
D The od s bars, then	hading our	eas.	inte a	7 is	really h	bear into
2) The of point out	mentation to the	of	bors. eft side	Those and to	bars wil	nich
Categor			1			
On what features of the ate.	stimulus did y	ou ba	ase your de	cisions?	Select as ma	any as appropri-
☑Mumber of bars ☑Previous stimulus			⊡Orientatio			
□Not sure				A. C.	our, shude	area
How sure are you that y	our system wa	as the	best one p	ossible?)	
Not at all	\checkmark					Certain
0	1		2	e	3	4
What percentage of the	stimuli did yo	u con	sistently m	isclassif	y with this st	trategy?
667.						

Category learning experiment: PLY75 Participant Number: 117 STRATEGY QUESTIONNAIRE

Imagine that another person was	s asked to sor	t the stimuli	exactly as	you did.	What instructions
would you give them so that they	could exactly	copy you?	Please try	y to be as	precise as possible.

would you give them so that they could exactly copy you? Please try to be as precise as possible. -Pay attention at all time! -try not to conjuse yoursely be cause then you may repeatedly put two similar leoking stimuli in the incorrect category. -fo cus on the angle that the bars are at					
On what features of the stimulus did you base your decisions? Select as many as appropriate.					
□Number of bars ☑∕Previous stimulus □Not sure □Not sure					
How sure are you that y	our system wa	s the	best one p	ossible?	
Not at all					Certain
0	1		(2)	3	4
What percentage of the	stimuli did you	ı cons	sistently m	isclassify with this st	trategy?
alonu	80 Harris	gan (20%		
	2000 M (

Category learning experiment: PLY75 Participant Number: 118 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to sort the stimuli exactly as you did. What instructions would you give them so that they could exactly copy you? Please try to be as precise as possible.						
Category A						
0 2, 1, 2 or 22 bruk barg						
· with one bus bonding anywhere between:						
Caregony B						
· 3+ 10ans						
· bare paining anyentere between:						
On what features of the stimulus did you base your decisions? Select as many as appropriate.						
✓Number of bars □Previous stimulus □Not sure ✓Orientation of bars □Other - If other please state:						
How sure are you that your system was the best one possible?						
Not at all Certain						
0 1 2 3 4						
What percentage of the stimuli did you consistently misclassify with this strategy?						
nos me						

Category learning experiment: PLY75 Participant Number: 119 STRATEGY QUESTIONNAIRE

Imagine that another p would you give them s	o that they could e	xactly copy you?	Please try to be as pre	ecise as possible.
& Category A is the	ine nith I tou it	ripes and is w	unally hunzintal	
Ecateging A is the carrying B is the	ine with nure	npes and is in	nally vertical	or like this 7
On what features of tate. ☑Number of bars ☑Previous stimulus	the stimulus did y	⊠Orientatio		any as appropri-
□Not sure How sure are you that	at vour system wa	s the best one p	possible?	
Not at all	, , , , , , , , , , , , , , , , , , , ,			Certain
	47)	0	3	4
0 What percentage of t	he stimuli did you	2 u consistently m		
20%.				

Category learning experiment: PLY75 Participant Number: 120 STRATEGY QUESTIONNAIRE

Imagine that another person would you give them so the struction with the structure with	at they could a	vactly	CODY VOUS	Please try to he as nre	cise as nossible l
On what features of the ate.	stimulus did y	ou ba	ase your de	cisions? Select as ma	any as appropri-
☑Number of bars			☑Orientatio	on of hare	
□Previous stimulus				other please state:	
□Not sure				out of product of the same	
How sure are you that yo	our evetem w	e the	hest one n	ossible?	
	our system wa	as the	best one p		Cortain
Not at all					Certain
0	(1)		2	3	4
What percentage of the	stimuli did yo	u con	sistently mi	isclassify with this s	trategy?
20-1.2					

Category learning experiment: PLY75 Participant Number: 121 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to sort the stimuli exactly as you did. What instructions

would you give them so that they cou	ld exactly	copy you? I	Please try to be as p	recise as possible.	
The graings appear	basco	carry	as while /	blacic	
stiped unes. we	~ ~	e une	I' are diag	gonari	
for bottom lett t	o top	rgus	I pur ma	m, uno	
anegory & and	when	asu	botton,	igut to	
top lett I put	mer	our,	caregory	A.	
Also it me garing	J SPF	eared	close -	> A ;	
for = corregory	B				
Laregory & Laregory 8 wage					
On what features of the stimulus d ate.	id you ba	ase your de	cisions? Select as	many as appropri-	
☑Number of bars □Previous stimulus □Not sure	☑Orientation of bars □Other - If other please state:				
How sure are you that your system was the best one possible?					
Not at all				Certain	
0 1		2	3	(4)	
What percentage of the stimuli did	you con	sistently m	sclassify with this	strategy?	
15%					
E.					

Category learning experiment: PLY75 Participant Number: 122 STRATEGY QUESTIONNAIRE

				exactly as you did. When the second in the s	
- Putit in	s are re	B	if me I al , eu	es (noverno ine) we for tirin cour v/zoomed	teing right regory A
On what features of ate.	the stimulus did y	ou ba	ase your de	cisions? Select as m	any as appropri-
Number of bars		_	⊡⊘rientatio	n of bars	
□Previous stimulus				other please state:	
□Not sure				p. 3 3	
How sure are you th	at vour svstem wa	as the	best one p	ossible?	
Not at all	, o o , o to we		. 200, 0110 p		Certain
					Certain
0	11		2	3)	4
What percentage of	the stimuli did yo	u con	sistently mi	sclassify with this s	trategy?
	10%				

Category learning experiment: PLY75

	ipant Numbe EGY QUESTION		
Imagine that another person was asked to would you give them so that they could e			
Few lines.			
Lines facing left diágonal e.g.	to right	downward	_ \
Cotegory B = Sharper Many lines			
Lines facing left diagnal e.g	to right	ywards	
On what features of the stimulus did y ate.	ou base your d	ecisions? Select as m	any as appropri-
☑Number of bars ☑Previous stimulus □Not sure	⊡Orientati □Other - If	on of bars other please state:	
How sure are you that your system wa	s the best one	possible?	1
Not at all			Certain
0 1	2	3)	4
What percentage of the stimuli did you	ı consistently m	isclassify with this s	trategy?

30 %

Category learning experiment: PLY75 Participant Number: 124 STRATEGY QUESTIONNAIRE

Imagine that another	person was	s asked to sort	the stimuli	exactly a	as you did.	What instructions
would you give them	so that they	could exactly	copy you?	Please t	try to be as	precise as possible.

would you give them so	that they could e	exactly copy you?	Please try to be	e as precis	e as possible.
Category A	is de	lemineo.) by	Spac	ied out
more blu	med gcc	coirens	with	Aures	Back
lines lines.	Catego	oy &	is det	emin	ed by
more un	es and	d mos	e defe	neel	lines
ther are	len Gl	uned o	and un	th sh	1 Oter
Spaces b	etnien ti	rem -	You can	n Vlai	i et as
eniages (grachent an	eas of	Cat. o	A a.	highly
(mage the	t i's	Cat. B.			
n what features of the	ne stimulus did y	ou base your de	ecisions? Selec	ct as many	as appropri-
Number of bars		□Oṛientatio			
Previous stimulus			other please st	ate: bu	irred
Not sure		/defir	red.		
ow sure are you that	your system wa	as the best one p	ossible?		
Not at all					Certain
0	1	2	(3)		4
hat percentage of th	e stimuli did yo	u consistently m	isclassify with	this strat	egy?

Category learning experiment: PLY75 Participant Number: 124 125

STRAT	EGY (QUESTION	NAIRE				
would you give them so that they could	Imagine that another person was asked to sort the cells exactly as you did. What instructions would you give them so that they could exactly copy you? Please try to be as precise as possible.						
If the lines were face, more likely 'm'. It widths '('	ing f vr	to the prequest	ight and equo and random	then size			
On what features of the stimulus did ate.	you b	ase your de	ecisions? Select as m	any as appropri-			
□The size of the nucleus □Features of the cell wall □Not sure			le of the nucleus other please state:				
How sure are you that your system was the best one possible?							
Not at all				Certain			
(0) 1		2	3	4			
What percentage of the cells did you	What percentage of the cells did you consistently misclassify with this strategy?						
507.							

Category learning experiment: PLY75 Participant Number: 141 \ 126 STRATEGY QUESTIONNAIRE

Imagine that another perso would you give them so that						
Company to a clock - If the lines are point if the lines are point Codegony B: · Company to a clock - if the lines are point					esser black fir	-e.s
On what features of the sate.	timulus did y	ou ba	ase your de	ecisions? Select	as many as appro	opri-
□The size of the nucleus □Features of the cell wall □Not sure				le of the nucleus other please stat	e: direction	
How sure are you that yo	ur system wa	as the	best one p	ossible?		
Not at all					Certai	n
0	1		2	(3)	4	
What percentage of the co	ells did you d	consi	stently mis	classify with thi	s strategy?	
10-20%?						

Category learning experiment: PLY75 Participant Number: 112

STRATEGY QUESTIONNAIRE LAT						
Imagine that another person was asked to sort the cells exactly as you did. What instructions would you give them so that they could exactly copy you? Please try to be as precise as possible.						
Look to see if the lines were bluned I dear						
Look to see if the lines were bluned I dear and what overtation they were. I liver were						
Clar and orientated towards the right they						
were category 5, if the lives were blumy						
and fa orientated rowards the left / wit of						
centre to the ngirt, they were category of A.						
On what features of the stimulus did you base your decisions? Select as many as appropriate.						
□The size of the nucleus						
□Features of the cell wall □Not sure						
How sure are you that your system was the best one possible?						
Not at all Certain						
0 1 2 (3) 4						
What percentage of the cells did you consistently misclassify with this strategy?						
10 - 18/10%						

Category learning experiment: PLY75 Participant Number: 201 STRATEGY QUESTIONNAIRE

Imagine that another person was asked t would you give them so that they could e	to sort	t the cells ex copy you?	kactly as y Please try	ou did. What to be as pre	instructions ecise as possible.		
Crenerally Category	9	3 15 8	300 NO	ge when	there are		
lots of lines (more -	tha	(32x) +	Betlin	to th	e right.		
eg. Deategorg				D coto			
Category A includes when there a gener lines and tilted to the left. e.g.							
As a rule:							
Is there are 2 or	les	s line	s it	is co	tegory		
A.							
When there are 3	CX	more	lines	. H der	pends on		
the tilt as to which	zh.	catego	ered is	r belo	ngs to.		
- Is it is vertical or left = coregory A.							
- Tilted to the ric	But	· Ca	regor	JB.			
On what features of the stimulus did you base your decisions? Select as many as appropriate.							
□The size of the nucleus		□The shad			ξ.		
□Features of the cell wall □Not sure							
How sure are you that your system was the best one possible?							
Not at all					Certain		
0 1		2	(3	4		
What percentage of the cells did you o	consi	stently mis	classify v	vith this stra	itegy?		
20%							

Category learning experiment: PLY75 Participant Number: 202 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to so would you give them so that they could exact			
The lines facing diagonal	ily left	upwards are	usually
M and the ones wit	n lines	that are all	mosse
vertical or zoomed in /bll For example:	uny our	e usually c	outegory C
= category M		= contegery C	
	6		
On what features of the stimulus did you late.	pase your de	ecisions? Select as m	any as appropri-
□The size of the nucleus	⊒fhe shad	de of the nucleus	
□Features of the cell wall		other please state:	
□Not sure		ection 9 the (ines
How sure are you that your system was th	e pest one	ossible:	Certain
Not at all			
0 (1)	2	3	4
What percentage of the cells did you cons	sistently mis	ciassity with this stra	itegy? 40%

Category learning experiment: PLY75 Participant Number: 203 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to sort the cells exactly as you did. What instructions would you give them so that they could exactly copy you? Please try to be as precise as possible.							
If the stripes are narrow and							
to alegory B. Also in alegory B & if the stripes (see more							
horizontal. It god the stripes a							
see whether they are horizon	omatal	fan 10	· /c 50	= cate	gory B.		
In category A, the Shace							
it will go from white to &							
It the stripes care vertical	and	or no	le upright	t this	is also		
in category A.							
On what features of the stimulus did yate.	you ba	ase your de	ecisions? Se	elect as ma	any as appropri-		
☐The size of the nucleus ☐Features of the cell wall ☐Not sure ☐The shade of the nucleus ☐Other - If other please state: ☐ Which way the stripes were (seeing)							
How sure are you that your system was the best one possible?							
Not at all					Certain		
0 1		2	(3)))	4		
What percentage of the cells did you	consi	stently mis	classify witl	h this stra	tegy?		
30%							

Category learning experiment: PLY75 Participant Number: 204 STRATEGY QUESTIONNAIRE

Imagine that another person was asked would you give them so that they could e	to sort the cells ex exactly copy you?	cactly as you did. V Please try to be as	Vhat instructions s precise as possible.
would you give them so that they could enter the picture of pears White The stripes are forces The	bast 1 B as	of white - i's octock on a long as it	or his stripes t is category A = n clock then doe's not
On what features of the stimulus did y ate.	ou base your de	ecisions? Select a	s many as appropri-
□The size of the nucleus		le of the nucleus	
□Features of the cell wall	□Øther - If	other please state	: I did not ever
□Not sure	recognise the	ry A and the dire	ied Booned in " was
How sure are you that your system wa	as the best one p	oossible?	
Not at all			Certain
0 1	2	3	4
What percentage of the cells did you	consistently mis	classify with this	strategy?
10°1.			

Category learning experiment: PLY75 Participant Number: 205 STRATEGY QUESTIONNAIRE

would you give them so that they could exact	tly copy you?	Please try to be as pre	cise as possible.
- Start guessing - Listen to the sounds.			
aster to the somos.			
,			
^			
On what features of the stimulus did you	base your de	ecisions? Select as ma	any as appropri-
ate.			
□The size of the nucleus	□The shad	le of the nucleus	
□Features of the cell wall		other please state:	
⊿Not sure			
How sure are you that your system was th	ne best one p	oossible?	
Not at all			Certain
0	2	3	4
What percentage of the cells did you cons	sistently mis	classify with this stra	tegy?
50%			

Category learning experiment: PLY75 Participant Number: 206 STRATEGY QUESTIONNAIRE

imagine that another person w would you give them so that th						
beams shown close up (2 mi the cell) belong in category A (keyboard c) along with beams that are verticle or that go from the top left of the box to the bottom right. Gradients that are dark out the top left and light in the bottom right are also category A. Several beams in a more horizontal pattern belong in category B, and there will be several beams' visible within the box						
☑The size of the nucleus ☑Features of the cell wall ☑Not sure				le of the nucleus other please sta	te:	
How sure are you that your s	system wa	as the	best one p	oossible?		
Not at all						Certain
0	1		2)	3		4
What percentage of the cells did you consistently misclassify with this strategy? 20 /.						

Category learning experiment: PLY75 Participant Number: 207 STRATEGY QUESTIONNAIRE

Imagine that another person was asked twould you give them so that they could e	o sort the xactly co	e cells exa py you? F	actly as Please	you did. Whatry to be as pr	at instructions recise as possible.
1. First an World Mem.	my to	Gird	a po	blern.	
1. First go Wrough Mem, 2. Then Start observe, Sha	de +	direct	ion	of cell	walls.
3. Repeatedly my to rement					
4. Notice calegory A	had b	hiller	cell	walls.	t went
to the right 5. Notice rategory B	had	Hiner	(el	y walls	stament to
he left.					
On what features of the stimulus did y ate.	ou base	your de	cisions	? Select as n	nany as appropri-
☑The size of the nucleus		he shade			
☑ f eatures of the cell wall □Not sure				ease state: Ii^&S in @	2ll wall
How sure are you that your system wa					za wear.
Not at all	is the be	one p	U33IDIC	· •	Certain
0 1	2			(3)	4
What percentage of the cells did you o			lassify		
20%					

Category learning experiment: PLY75 Participant Number: 208 STRATEGY QUESTIONNAIRE

Imagine that another person was aske would you give them so that they could						
" If the lines are here	izova	u ln	ac	Zoomed out	-category	
"If but lines are here	im co	U E	mor	t i anned i	-caterany	
			• . • .	0.0.1		
On what features of the stimulus did you base your decisions? Select as many as appropriate.						
□The size of the nucleus □Features of the cell wall □Not sure		□The shade of the nucleus □Other - If other please state: The direction fluctions were in.				
How sure are you that your system was the best one possible?						
Not at all					Certain	
0 1		(2)		3	4	
What percentage of the cells did you consistently misclassify with this strategy?						
20-1.						

Category learning experiment: PLY75 Participant Number: 209 STRATEGY QUESTIONNAIRE

Imagine that another person	was asked to sort the cells exa	actly as you did. What instructions
would you give them so that	hey could exactly copy you? F	Please try to be as precise as possible.

The cells with sewer than, 3 stripes should be conegonsed
The cells with sewer than, 3 stripes should be contegorised in group A and those with more than 6 stripes
should be categorised group &B Those with
a number of stripes between (ie. 4 to 6)
should be categorised, depending on their angle.
(west whose stopes are variety or almos)
should depending on the angle of the
stripes. Those whose stripes are verticle or
almost vericle should be categorised in
group A. There whose stropes our more
han contal should be categorised in group B

On what features of the stimulus did you base your decisions? Select as many as appropriate.						
□The size of the nucleus		□The shad	le of the nucleus			
□Features of the cell wall		□Other - If other please state: # Stupe }				
v⊠Not sure						
How sure are you that your system was the best one possible?						
Not at all				Certain		
0 1	(2	3	4		
What percentage of the cells did you consistently misclassify with this strategy?						
NOT sure > around 10%?						

Participant Number: 211 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to sor would you give them so that they could exact	y copy you?	Please try to be as p	recise as possible.
Afrist to just press whichever bu	tons their	reallie that i	the contagnes
have the are considerly the	same t	e whole way to	hroigh Sc
Start bushing your docestons	on on	entalton any	bar goth
from Put 8n cole			
Anes From (2) (3) Place in	n the	m button cat	ESPU
But from the you than a	the the	t if there an	s less pour
and le appears more zoome	d in the	ien place an (button catego
ry and More /thanner (ours pla	ace an m bu	then category
On what features of the stimulus did you b	ase your de	ecisions? Select as r	many as appropri-
ate.	-		
☑Number of bars	☑Orientatio	on of bars	
□Previous stimulus	□Other - If	other please state:	
□Not sure How sure are you that your system was the	a hest one r	nossible?	
Not at all	e best one p	,0331b1C 1	Certain
0 1	2	(3)	4
What percentage of the stimuli did you cor			
		-	
35%			
10. h.	. 11000	Cha 10- 1	has for along

Governall wrong 35% but when strategy was in play from the 75% to left only 5-10% wrong

Category learning experiment: PLY75 Participant Number: 212 STRATEGY QUESTIONNAIRE

		person was aske so that they could		copy you?			
trimere	keep gue	ssing the 1900 ategorization	uples sh	first nades/and	d reprender h	hether	90U
	got the c	ate govizatio	1 WYON	ig or rigi	nt for speci-	tcshac	des.
	Because	eventually.	tre sa	ne shade	es will appea	ir and	you
		ting the par					
On what ate.	features of	the stimulus di	d you b	ase your de	ecisions? Selec	as many	as appropri-
□Numbe	r of bars			⊠Orientatio	on of bars		
เ⊿Previoเ ⊔Not sur	ıs stimulus			/	other please sta [(kv4]] # tre		
		at your system	was the	8 508 55		. 00113	
	ot at all						Certain
	0	1		2	(3)		4
What pe	rcentage of	the stimuli did y	ou con	sistently m	isclassify with	this strate	egy?
	10-20%						

Category learning experiment: PLY75 Participant Number: 213 STRATEGY QUESTIONNAIRE

Imagine that another person was asked would you give them so that they could	d to sort exactly	t the stimuli of copy you?	exactly as you did. Wh Please try to be as pre	nat instructions ecise as possible.
If the shouli appear close up	(Fen	bas in a	the circle) and i	is verically
oriented or more to the light	pres	1 Cho 10	A the should in	to category
A.				
If the stimuli appear here forwards the right press	awa	o (mare a	(as) and in m	one on exted
fowards the right press	m,	to sort	re should int	o cares or
B-				
On what features of the stimulus did	l you b	ase your de	cisions? Select as m	any as appropri-
ate.		4		
☑Number of bars □Previous stimulus		☑ Orientatio	on of bars other please state: ʎ	ow clove up the
□Not sure		& pichue	-	7
How sure are you that your system	was the	e best one p	oossible?	III
Not at all				Certain
0 1		2	3)	4
What percentage of the stimuli did y	ou cor	sistently m	isclassify with this s	strategy? 20/

Category learning experiment: PLY75 Participant Number: 215 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to would you give them so that they could ex			
- Focus on the number	of bars		
- Bars with less than	n 6 were	in corregory	A
and bars with over 6	were in (category B	
- However bars with 6	were eibner	· In A or B	
Grom what I die	A)		
- Also if bars were a	lose toge	ther they	
were in A if for no			
V			
On what features of the stimulus did yeate.	ou base your de	ecisions? Select as ma	iny as appropri-
☑Number of bars	□Orientati		
□Previous stimulus		other please state:	la marila
□Not sure		hour was dominen	e over enecesor
How sure are you that your system wa	s the best one	oossible?	0 - 11 - 11
Not at all			Certain
0 1	(2)	3	4
What percentage of the stimuli did you	ı consistently m	isclassify with this st	rategy?
?			

Category learning experiment: PLY75 Participant Number: 216 STRATEGY QUESTIONNAIRE

Imagine that a would you give											
The close	bre	par	15 10	o X	W	Sciell	Ü	. bu	e bigg	er, is	Colleigory
B - eg more m AISO 10	an h	l mee havi	bdv.	S =	- Cd	He Koyon Han f	y P	eg.	s (
It facu	ig V	Whi	(d)	N	tox	para	Sho	ghny	to le	ft or	nght
If facult of 12								9			
ate.		110 0(1	muluo	aia j	, ou i	ouse your	acoi	olollo i	001001 41	o many a	о арргорп
	☑Number of bars □Previous stimulus □Not sure □Orientation of bars □Other - If other please state:										
How sure are	you tha	t you	r syste	m w	as th	e best or	e po	ssible?			
Not at a											Certain
0			1			2			3		4
What percent	age of tl	he sti	muli di	d yo	u co	nsistently	mis	classify	with thi	is strateç	gy?
157.	towar	US	(he	en	d,	more	dt	me	begin	ning	
										J	

Category learning experiment: PLY75 Participant Number: 217 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to sor would you give them so that they could exactly	t the stimuli exactly as you did. What instructions y copy you? Please try to be as precise as possible.				
· We that and error an	d try and recognise				
each picture and link	it to the right category-				
you can we me oner					
me bars go) to help b	ut do not very on Mi				
as not all bars heading with the right key	to me right correspond				
· a) you practice try a	nd remember what pain				
image belongs to, trus	·				
do take a break bern Will help with alextre					
On what features of the stimulus did you b ate.	ase your decisions? Select as many as appropri-				
□Number of bars □Previous stimulus □Not sure □Other - If other please state:					
How sure are you that your system was the					
Not at all	Certain				
0 1	(2) 3 4				
What percentage of the stimuli did you cor	nsistently misclassify with this strategy?				
If did not tell me	but Consistently I would give!				

Category learning experiment: PLY75 Participant Number: 218 STRATEGY QUESTIONNAIRE

Imagine that another person was asked to sort the stimuli exactly as you did. What instructions would you give them so that they could exactly copy you? Please try to be as precise as possible.								
1) First book at orientation of the bars. The more me bars								
nere horizonnan, me were lively the inange scronged to curregions B. If me inange var								
cureyong B. If me inung var								
more Derrican, me more trively is schonged to corregon A.								
@ more importantly, if me bars were "very few / very zoomed in", me	~							
no marker me enertranian, me to image belonged so cureyay A.								
3) If me bours were "very sooned our /many" men no marker me								
3) if he bour here "very zooned our /nang" men no nather me orientarien, me image belonged to curreyous B.								
@vx rue (O for moe ambiguous sinaniers								
@ v se muss 2 and 3 when me image is wearly one on the other current	ng.							
On what features of the stimulus did you base your decisions? Select as many as appropriate.								
☑Number of bars ☑Orientation of bars								
□Previous stimulus □Not sure								
How sure are you that your system was the best one possible?								
Not at all Certain								
0 1 2 3 4								
What percentage of the stimuli did you consistently misclassify with this strategy?								
1-2%								

Category learning experiment: PLY75 Participant Number: 220 STRATEGY QUESTIONNAIRE

would you give them so that they could exactly copy you? Please try to be as precise as possible. Start of by completely guessing which one gols into which category. After a few Pay attention to how 200 med in each image seems by comparison to the others you have seen. Attempt putting the mare 200 med in images into each category until you hear the noise indicating the coned answer. Cantime putting images that mare 200 med in into that category and pre mare 200 med out into the other.
On what features of the stimulus did you base your decisions? Select as many as appropri-
ate.
□Number of bars □Previous stimulus □Not sure □Orientation of bars □Other - If other please state: How Zoomed in image was
How sure are you that your system was the best one possible?
Not at all Certain
0 1 2 3 4
What percentage of the stimuli did you consistently misclassify with this strategy?
25 <i>7</i> .

Category learning experiment: PLY75 Participant Number: 221

						ONNAIR					
Imagine t	hat anothe u give ther	er person n so that	was asked they could	d to sor exactly	t the stir / copy y	nuli exad ou? Plea	ctly as ase try	you di	d. Wha	ıt inst vise ə	ructions s possible.
bowang howeve categor	ad r thad	the d	irchion	may enxively You repea	seem of the will		to the	categ oe o patter sama	oiire able n at Attu	-the to fter rwavo	lm,
On what ate.	features o	of the sti	mulus did	l you b	ase you	r decisi	ons?	Select	as ma	ny as	appropri-
□Number ☆Previou □Not sure	s stimulus					tation of ·- If othe		ise stat	e;		
How sure	are you	that you	r system v	was the	best o	ne poss	ible?				
No	t at all									(Certain
	0		1		2		(3)			4
What per	centage o	of the sti	muli did y	ou con	sistentl	y miscl	assify	with t	his str	ateg	y?
! 40%											

Category learning experiment: PLY75 Participant Number: 222 STRATEGY QUESTIONNAIRE

	SINAIL	ar document				
Imagine that another person would you give them so that						
Category A stimuli consist of base which stope in tomes of diagonally downwoods from the left-hand ride of the screen the theright of the screen the left-hand ride of the screen the theright of the screen the scale of the screen of the scale of the screen image is not entirely dear (e.g. boar are not visible (image is compately thursed to the image is zoomed in se direction in a direction in a certain. Conversely, timeli should be categorised into B if the barr stepe upwards from the left hand side of the screen to the right appears.						
On what features of the sti ate.	mulus did yo	ou base your de	cisions? Select as ma	any as appropri-		
☑Number of bars		☑Orientatio	on of bars			
□Previous stimulus			other please state:			
□Not sure		How	clarke mage wa	5 (200M)		
How sure are you that you	r system was					
Not at all				Certain		
0	4	2	(3)	4		
	1					
What percentage of the sti	muii aia you	consistently m	isciassity with this st	rategy ?		
(10%						

Participant Number: 223

STRATEGY QUESTIONNAIRE Imagine that another person was asked to sort the stimuli exactly as you did. What instructions would you give them so that they could exactly copy you? Please try to be as precise as possible. Category A: -bars orientated Category B: -bors orientated vertically or almost vertically. - Jewer bors norizontally
- more bors (greater
number). sort the bass according to these criteria, if the bass are close up, restical or few in number then sort them into A. If the bass are horizontal or greaterin numbes then sort into B. On what features of the stimulus did you base your decisions? Select as many as appropriate. ☑Number of bars ☑Orientation of bars □Previous stimulus □Other - If other please state: □Not sure How sure are you that your system was the best one possible? Certain Not at all 0 1 2 (3) What percentage of the stimuli did you consistently misclassify with this strategy?

Participant Number: 111 230

Imagine that another person was asked to sort the stimuli exactly as you did. What instructions would you give them so that they could exactly copy you? Please try to be as precise as possible.

Look a the number of black lines and anything between 1-3 is in casegory 4.

Also look at where the last semisocle on the right is pointing toward, anything lower that a straight line in casegory B.

On what features of the stimulus did you base your decisions? Select as many as appropri-						
ate. Mandeline the The file of the and stimuli						
⊠Number of bars			⊠ Orientatio	on of bars		
□Previous stimulus			☑Other - If other please state:			
□Not sure			Combination of thous and their origination			
How sure are you that	t your system	was the	best one p	oossible?		
Not at all					Certain	
0	1		2	3	4	
What percentage of the stimuli did you consistently misclassify with this strategy?						

Category learning experiment: PLY75 Participant Number: 137

STRATEG	Y QUESTION	NAIRE 231				
Imagine that another person was asked to would you give them so that they could exa	ctly copy you?	Please try to be as pr	ecise as possible.			
are vertical or	catego	y A if h	inch			
o Stimuli vo u	n coult	gang Bit	lines			
me konzontal						
to be in category	stimuli	is meet li	nely			
to be in contegen	8 Ai	f the pick	ant of			
lines (stimuli) i	blur	harrier as	out			
one less lines /lines stimulis	() () () () () ()					
harizantal and		arolitain,	lines			
1 Doot Hilly	10 Pec	closer tog	uther /			
there are more	lince					
		×				
On what features of the stimulus did you base your decisions? Select as many as appropriate.						
☐Mumber of bars ☐Previous stimulus	□Ørientati □Other - I	on of bars f other please state:				
□Not sure						
How sure are you that your system was the best one possible?						
Not at all			Certain			
0 1	2	3	(4)			
What percentage of the stimuli did you c	onsistently n	nisclassify with this s	strategy?			
0 /0/ + 0	1. 40	2 2 0 1	L			

Category learning experiment: PLY75 Participant Number: 111 232 STRATEGY QUESTIONNAIRE

Imagine that another pe would you give them so	rson was asked that they could e	to sor	t the stimuli copy you?	exactly as you did. When Please try to be as pro	nat instructions ecise as possible.
Imagine that another pe would you give them so 2 or less def 3 or more appearing to be appeared into be appeared.	initive li	nes (pose	S = A. I line	s (whitehon e	ither side
9					
				a 8	
		g			
	_				
On what features of the ate.	e stimulus did y	ou ba	ase your de	ecisions? Select as m	any as appropri-
4.0					
Number of bars			□Orientatio		
☑Previous stimulus ☑Not sure			Lotner - n	other please state:	
How sure are you that	your system wa	as the	best one p	oossible?	
Not at all					Certain
(0)	1		2	3	4
What percentage of the	e stimuli did yo	u con	sistently m	isclassify with this s	trategy?
		6	0%		18
	<u> </u>				

Category learning experiment: PLY75 Participant Number: 417233 STRATEGY QUESTIONNAIRE

Imagine that another power would you give them so				
If they are a	ny bars te	out are pour	ticularly thick	or very
close to the bours are a oping from	equator of	the built	press A. I an	y of the
bours are a	riddle t	hickness	with their	rientation
spina from	top righ	k to bolton	a left press	3
0 0	, 0		, ,)
	e e			
			10	
0				
On what features of thate.	ie stimulus ala y	ou base your de	ecisions? Select as m	any as appropri-
✓ Number of bars		⊠6rientatio	on of bars	
□Previous stimulus		ØOther - If	other please state:	
□Not sure		thickn	ess of bans	
How sure are you that	your system wa	as the best one p	oossible?	
Not at all				Certain
0	1	2	3	4
What percentage of th	e stimuli did yo	u consistently m	isclassify with this s	trategy?
	30%		_	,

Category learning experiment: PLY75 Participant Number: 311 STRATEGY QUESTIONNAIRE

Imagine that another personal would you give them so that				
Any stimule wingoes into cated bors travelling go into cated All other busi	only of A. A. from A. fory A. ev working	stimu	SLACK bars y stimuli wi SE i while num	(2 or uss) in the or vertical
black bars fa				^
				* X
	•			
On what features of the sate.	timulus did you l	oase your de	ecisions? Select as m	any as appropri-
☑Number of bars □Previous stimulus □Not sure		⊠Orientation	on of bars other please state:	
How sure are you that yo	ur system was th	e best one	oossible?	
Not at all				Certain
0	1	2	3	4
What percentage of the s 57. TOOK ME A WHI MORE OF A GU	LE TO TH	ANY TO	WARDS THE A	END BUT IT

Category learning experiment: PLY75 Participant Number: 141 235 STRATEGY QUESTIONNAIRE

Imagine that anothe	r person was	asked to so	ort the stimuli	exactly as you did	 What instructions
would you give them	so that they	could exact	tly copy you?	Please try to be a	s precise as possible.

The stimuli in category B tend to have more hors,	
and they are usually angked night, though a gew on not gollar thus partern otionals in corregory as	
bels. mostly there are monthly	
couple are nearly horizontal and one learns to the least a little also sometimes they upper to whomat a little also sometimes they	
person in the exercise II	
B scretarion Jap 1	
and another one govern which her light	2
core conion telan in the	
some direction but how a you have ho	G.

On what features of thate.	ne stimulus did	l you b	ase your ded	cisions? Select as m	any as appropri-	
☑Number of bars	☑Number of bars					
□Previous stimulus			□Other - If other please state:			
□Not sure .						
How sure are you that	your system v	was the	best one po	ossible?		
Not at all	4				Certain	
0	1		2	3	4	
What percentage of the stimuli did you consistently misclassify with this strategy?						
Share 30%	خ ر				_	

Participant Number: 111
STRATEGY QUESTIONNAIRE 236

Imagine that another person was asked to sort the stimuli exactly as you did. What instructions would you give them so that they could exactly copy you? Please try to be as precise as possible.

- The lines tilled straight or to the left are in Category B
- · The lines tilled night are category A
- · Very close up lines are category B

On what features of thate.	ne stimulus did	you base your de	cisions? Select as	many as appropri-
□Number of bars □Previous stimulus □Not sure			n of bars other please state: ////////////////////////////////////	
How sure are you that	t your system w	as the best one p	ossible?	
Not at all		6		Certain
0	1	(2)	8	4
What percentage of the	ne stimuli did yo	u consistently mi	isclassify with this	strategy?
21) 9.				

Category learning experiment: PLY75 Participant Number: 141 STRATEGY QUESTIONNAIRE Tother person was asked to sort the stimuli exactly as you did. What instructions

magine that another p would you give them s					
Generally, The If there were Also depends more upnice	e more 200 a lot of lin	es it	in ones was a ines are	were category eutegory B	a
On what features of tate.	he stimulus did	you ba	ase your de	ecisions? Select as	many as appropri-
☑Number of bars □Previous stimulus □Not sure	-4		⊠Órientatio	on of bars other please state:	
How sure are you tha	it your system w	as the	best one p	oossible?	
Not at all	¥				Certain
0	1		2	3	4
What percentage of t	he stimuli did yo	ou con	sistently m	isclassify with this	strategy?
	2	0%			