Distortion Correction on Deformable Displays Questionnaire #__

You are asked to rate certain aspects of methods A and B. The methods have a shimmering effect(noisy image and a bit unstable), and dark spots can appear if you push too far into the display. However, this does not constitute a focus for this experiment, and you are kindly asked to try and ignore this issue while filling in this questionnaire.

You shall have similar questions for each scenario. Questions related to each scenario will be on a separate page.

Questions about *preservation of appearance* (or visual proportions) refer to how well the image resembles the original undistorted image -e.g., when the image is shown on a flat surface.

First, please answer some general questions about yourself. If you have any vision problems please mention them below(only state far and near sightedness, if you are not wearing glasses).

•	Age: years
	Gender: M / F
•	Height:
•	Vision: Normal / Deficient,

Please turn to the next page to start the main section of the questionnaire!

Grid Scenario

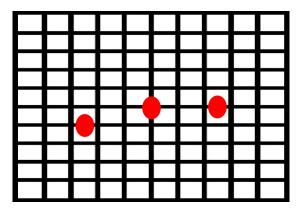


Figure 1. The Grid With All Three Circles (Target Points)

Please circle the numbers that most appropriately reflect your impression about using the deformable display.

1.	Difference between the two methods: Not Different 0 1 2 3 4 5 6 7 8 9 10 Very Different 0 1 2 3 4 5 6 7 8 9 10 Very Difference Difference between the two methods:												Very Differer	
2.	Please explain											10	, ery = 1110101	
3.	Method A's b	ehavio	r wa	as co	nsis	tent	, for	all j	point	s(th	e re	d circles	in Figure 1):	
	Not Consistent	0	1	2	3	4	5	6	7	8	9	10	Consistent	
4.	Method B's behavior was consistent, for all points(the red circles in Figure 1):													
	Not Consistent	0	1	2	3			6	7	8	9	10	Consistent	
5.	Preservation of appearance during deformation – Method A:													
	Very Poor	0	1	2	3	4	5	6	7	8	9	10	Very Good	
6.	Preservation of appearance during deformation – Method B:													
	Very Poor	0	1	2	3	4	5	6	7	8	9	10	Very Good	
7.	Method preference for this scenario:													
	Method A	0	1	2	3	4	5	6	7	8	9	10	Method B	
8.	Please explain	ı why v	vou	have	e nre	eferr	ed t	he s	elect	ed n	eth	od:		

9. **Please add any additional comments:**

Text Scenario



Figure 2. Text With All Red Circles (Target Points)

Please circle the numbers that most appropriately reflect your impression about using the deformable display.

10.	Difference between the two methods:													
	Not Different	0	1	2	3	4	5	6	7	8	9	10	Very Different	
11.	Please explair	ı in wh	at v	vay v	were	the	met	hods	s dif	fere	nt:			
12.	Method A's b	ehavio	r wa	as co	onsis	tent,	, for	all p	oin	ts(th	e rec	d circle	es in Figure 2):	
	Not Consistent	0	1	2	3	4	5	6	7	8	9	10	Consistent	
13.	Method B's behavior was consistent, for all points(the red circles in Figure 2):													
	Not Consistent	0	1	2	3	4	5	6	7	8	9	10	Consistent	
14.	Preservation of appearance during deformation – Method A:													
	Very Poor	0	1	2	3	_	5	6	7	8	9	10	Very Good	
15.	Preservation of appearance during deformation – Method B:													
	Very Poor	0	1	2	3	4	5	6	7	8	9	10	Very Good	
16.	Method Preference for this scenario:													
	Method A	0	1	2	3	4	5	6	7	8	9	10	Method B	
	Please explain	. why	V011	have	e nre	forr	ed t	he se	elect	ed n	neth:	nd•		

18. Please add any additional comments:

Column Scenario



Figure 3. Columns with All Red Circles (Target Points)

Please circle the numbers that most appropriately reflect your impression about using the deformable display.

19.	Difference bet Not Different	ween 0	the 1				-	6	7	8	9	10	Very Different	
20.	Please explain	in wh	at v	vay v	were	the	met	hod	s dif	ferei	nt:			
21.	Method A's b	ehavio	r wa	as co	nsis	tent,	for	all p	oint	s(th	e rec	d circle	es in Figure 3):	
	Not Consistent	0	1	2	3	4	5	6	7	8	9	10	Consistent	
22.	Method B's behavior was consistent, for all points(the red circles in Figure 3):													
	Not Consistent				3					8	9	10	Consistent	
23.	Preservation (of app	eara	ınce	duri	ing c	lefo	rmat	tion -	– M e	etho	d A:		
	Very Poor	0	1	2	3	_		6		8	9	10	Very Good	
24.	Preservation (of app	eara	nce	duri	ing c	lefo	rmat	tion	- M	etho	d B:	-	
	Very Poor	0	1	2	3	4	5	6	7	8	9	10	Very Good	
25.	Method Preference for this scenario:													
	Method A	0	1	2	3	4	5	6	7	8	9	10	Method B	
26.	Please explain	why	you	have	e pre	eferr	ed t	he se	elect	ed n	etho	od:		

27. **Please add any additional comments:**

Map Scenario

Please circle the numbers that most appropriately reflect your impression about using the deformable display.

28.	Difference between the two methods:												
	Not Different	0	1	2	3	4	5	6	7	8	9	10	Very Different
29.	Please expla	in in wh	ıat v	way '	were	the	met	hod	s dif	fere	nt:		
30.	Preservation	n of app	eara	nce	dur	ing (defo	rmat	tion	– M	etho	d A:	
	Very Poor	0			3	_						10	Very Good
31.	Preservation of appearance during deformation – Method B:												J
	Very Poor	0	1	2	3	4	5	6	7	8	9	10	Very Good
32.	Method Preference for this scenario:												
	Method A	0	1	2	3	4	5	6	7	8	9	10	Method B
33.	Please explain why you have preferred the selected method:												
34.	Please add a	ıny addi	tion	al c	omn	ents	5:						

Brain MRI Scan Scenario

Please circle the numbers that most appropriately reflect your impression about using the deformable display.

35.	Difference between the two methods:												
	Not Different	0	1	2	3	4	5	6	7	8	9	10	Very Differen
36.	Please explai	n in wl	ıat v	way '	were	the	met	hod	s dif	fere	nt:		
37.	Preservation	of app	eara	nce	duri	ing (lefoi	rmat	tion	– M	etho	d A:	
<i>5</i> , •	Very Poor	0		2		_	5		7	8	9	10	Very Good
38.	Preservation of appearance during deformation – Method B:												
	Very Poor	0	1	2	3	4	5	6	7	8	9	10	Very Good
39.	Method Preference for this scenario:												
	Method A	0	1	2	3	4	5	6	7	8	9	10	Method B
40.	Please explai	n why	you	have	e pre	eferr	ed t	he se	elect	ed n	neth	od:	
41.	Please add a	nv addi	tion	al co	nmm	ents	.						

OVERALL

42.	Preserva	ation	of appe	aran	ce d	lurin	ıg de	forr	nati	on:		
	Method A	0	1 2	3	4	5	6	7	8	9	10	Method B
43.	Please e	xplaiı	n why y	ou th	nink	the	pres	erva	ition	was	bette	er for the selected
n	nethod:	-					•					
44.	Method	Drofe	won co.									
44.	Method A			3	1	5	6	7	ρ	q	10	Method B
45.	Please ex											
75.	I icase ca	фіані	wily y	Ju 110	ive)I CIC	.1100	· tiit	SCIC	.ctcu	ilicui	ou.
46.	Please a	dd an	v addit	ional	l cor	nme	nts:					