

Questionnaire

Did the Interface do what you expect?				
	Never	Sometimes	Most of the times	Always
GUI	0,00%	42,90%	28,60%	28,60%
Wiiimote motor	0,00%	28,60%	71,40%	0,00%
Wiiimote kinematic	14,30%	28,60%	42,90%	14,30%
Wiiimote cursor	0,00%	16,70%	16,70%	66,70%
Kinect hand	0,00%	33,30%	50,00%	16,70%
Kinect skeleton	0,00%	14,30%	42,90%	42,90%

Were you preoccupied about operating the robot through this interface (about breaking the robot or making errors)?						
	Very worried	Worried	Concentrated	Relaxed	No problem!	Average (1-5)
GUI	0,00%	57,10%	28,60%	14,30%	0,00%	2,57
Wiiimote motor	0,00%	28,60%	71,40%	0,00%	0,00%	2,71
Wiiimote kinematic	14,30%	42,90%	14,30%	28,60%	0,00%	2,57
Wiiimote cursor	16,70%	16,70%	33,30%	16,70%	16,70%	3
Kinect hand	16,70%	16,70%	50,00%	0,00%	16,70%	2,83
Kinect skeleton	28,60%	14,30%	28,60%	14,30%	14,30%	2,71

How did you like the experience?						
	Hated it	Boring	Indeferent	Interesting	Loved it	Average (1-5)
GUI	0,00%	16,70%	0,00%	50,00%	33,30%	4
Wiiimote motor	0,00%	0,00%	0,00%	100,00%	0,00%	4
Wiiimote kinematic	20,00%	0,00%	20,00%	40,00%	20,00%	3,4
Wiiimote cursor	0,00%	0,00%	20,00%	20,00%	60,00%	4,4
Kinect hand	0,00%	20,00%	20,00%	40,00%	20,00%	3,6
Kinect skeleton	0,00%	0,00%	0,00%	33,30%	66,70%	4,67

Did you felt disorientation (felt little control over the robot)?						
	Was i controlling the robot?	Sometimes it moved as I wanted	It seemed to work as I wanted	It was very close to what I wanted	It can read my thoughts	Average (1-5)
GUI	0,00%	0,00%	33,30%	50,00%	16,70%	3,83
Wiiimote motor	0,00%	33,30%	50,00%	16,70%	0,00%	2,83
Wiiimote kinematic	16,70%	16,70%	16,70%	50,00%	0,00%	3
Wiiimote cursor	0,00%	0,00%	20,00%	20,00%	60,00%	4,4
Kinect hand	0,00%	0,00%	60,00%	20,00%	20,00%	3,6
Kinect skeleton	0,00%	0,00%	50,00%	0,00%	50,00%	4

How concentrated did you needed to be (to control the robot properly)?						
	Very concentrated	Concentrated	I needed to think a lot before doing something	I needed to be looking at the robot	I didn't even needed to look at the robot	Average (1-5)
GUI	0,00%	66,70%	16,70%	16,70%	0,00%	2,5

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Wii mote motor	16,70%	50,00%	16,70%	16,70%	0,00%	2,33
Wii mote kinematic	33,30%	50,00%	16,70%	0,00%	0,00%	1,83
Wii mote cursor	0,00%	40,00%	0,00%	40,00%	20,00%	3,4
Kinect hand	20,00%	40,00%	20,00%	0,00%	20,00%	2,6
Kinect skeleton	16,70%	33,30%	16,70%	33,30%	0,00%	2,67

Which input method was the most precise?						
	No precision at all	Precise if your'e lucky	Depends on the task	Close to the exact points	This could be used in surgeries	Average (1-5)
GUI	0,00%	0,00%	33,30%	66,70%	0,00%	3,67
Wii mote motor	0,00%	0,00%	50,00%	50,00%	0,00%	3,5
Wii mote kinematic	33,30%	0,00%	0,00%	66,70%	0,00%	3
Wii mote cursor	0,00%	0,00%	0,00%	60,00%	40,00%	4,4
Kinect hand	0,00%	0,00%	40,00%	40,00%	20,00%	3,8
Kinect skeleton	0,00%	0,00%	33,30%	33,30%	33,30%	4

Which input method was the most intuitive?						
	I did not understand how to use it	It was hard to understand how to use	I needed only a brief explanation before starting	I could learn how to use it without any explanation	I understood how to use it before I used it	Average (1-5)
GUI	0,00%	0,00%	83,30%	16,70%	0,00%	3,17
Wii mote motor	0,00%	33,30%	50,00%	16,70%	0,00%	2,83
Wii mote kinematic	33,30%	0,00%	33,30%	33,30%	0,00%	2,67
Wii mote cursor	0,00%	0,00%	40,00%	20,00%	40,00%	4
Kinect hand	0,00%	0,00%	100,00%	0,00%	0,00%	3
Kinect skeleton	0,00%	0,00%	50,00%	33,30%	16,70%	3,67

Which input method was the best for you (for the task you had to do)?							
	1st	2nd	3rd	4th	5th	6th	Average (1-6)
GUI	0,00%	20,00%	20,00%	20,00%	40,00%	0,00%	3,2
Wii mote motor	0,00%	16,70%	33,30%	16,70%	16,70%	16,70%	3,17
Wii mote kinematic	0,00%	16,70%	0,00%	33,30%	33,30%	16,70%	2,67
Wii mote cursor	60,00%	20,00%	20,00%	0,00%	0,00%	0,00%	5,4
Kinect hand	0,00%	20,00%	20,00%	40,00%	20,00%	0,00%	3,4
Kinect skeleton	50,00%	16,70%	16,70%	0,00%	0,00%	16,70%	4,67

Which of the input methods did you prefer? (not which one is the best, but which one did you like to use more)							
	1st	2nd	3rd	4th	5th	6th	Average (1-6)
GUI	0,00%	20,00%	20,00%	20,00%	20,00%	20,00%	3
Wii mote motor	0,00%	0,00%	20,00%	0,00%	60,00%	20,00%	2,2
Wii mote kinematic	0,00%	20,00%	20,00%	20,00%	20,00%	20,00%	3
Wii mote cursor	25,00%	50,00%	0,00%	25,00%	0,00%	0,00%	4,75
Kinect hand	50,00%	0,00%	25,00%	25,00%	0,00%	0,00%	4,75

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Kinect skeleton	40,00%	20,00%	20,00%	20,00%	0,00%	0,00%	4,8
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How did you feel about the interface in the extra tasks?						
	Very weak	Weak	Normal	Good	Very good	Average (1-5)
Task: (Wiimote) Hand orientation	0,00%	0,00%	25,00%	75,00%	0,00%	3,75
Task: (Kinect) Pose task	0,00%	0,00%	25,00%	25,00%	50,00%	4,25