Task 1: Create and viewing data dictionary - The system allows me to accomplish the task well? N				
Task 1: Create and viewing data dictionary - The system allows me to accomplish the task well? N	System			
Task 1: Create and viewing data dictionary - The system allows me to accomplish the task well? N		D2R	OTM	
N 26 26 26 26 26 26 26		(N=26)	(N=26)	p value
N	Task 1: Create and viewing data dictionary - The			0.0501^{1}
Mean (SD)	system allows me to accomplish the task well?			
Median 1.0 2.0 1.0, 2.0	N	26	26	
Composition		1.3 (0.5)	1.5 (0.5)	
Range	Median	1.0	2.0	
Task 1: Create and viewing data dictionary - The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal? N 26 26 Mean (SD) 0.8 (0.9) 1.4 (0.7) Median 1.0 1.5 Q1, Q3 0.0, 1.0 1.0, 2.0 Range (-1.0-2.0) (0.0-2.0) Time to complete task 1 (seconds) N 26 26 26 Mean (SD) 244.4 (75.7) 109.2 (52.4) Median 214.5 95.5 Q1, Q3 Range (160.0-405.0) (50.0-303.0) Task 2: Updating existing data dictionary - The system allows me to accomplish the task well-sace and selection of the goal? N 26 26 26 0.80001 N 26 26 26 0.8916 29.1 20 0.8916 0.89	Q1, Q3	1.0, 2.0	1.0, 2.0	
system enables me to accomplish the task well-according to my perceived understanding and expectation of the goal? N Mean (SD) Median 1.0 Q1,Q3 Range (-1.0-2.0) N Median 26 26 Mean (SD) N 26 Median 214.5 95.5 Q1,Q3 Range (160.0-405.0) Range (160.0-405.0) Task 2: Updating existing data dictionary - The system allows me to accomplish the task well-according to my perceived understanding and expectation of the goal? N 26 Mean (SD) 1.5 0.3542¹ 26 26 Mean (SD) 1.5 0.3542¹ 27 0.3542¹ 28 0.3542¹ 29 0.3542¹ 30 0.3542¹	Range	(1.0-2.0)	(1.0-2.0)	
according to my perceived understanding and expectation of the goal? N 26 Mean (SD) Median 1.0 1.5 Q1,Q3 Range (-1.0-2.0) (0.0-2.0) Time to complete task 1 (seconds) N 26 Mean (SD) Median 214.5 Q1,Q3 Range (160.0-405.0) (244.4 (75.7) Median 214.5 Q1,Q3 Range (160.0-405.0) (200.001 Task 2: Updating existing data dictionary - The system allows me to accomplish the task well? N Mean (SD) Median 1.5 Q1,Q3 Range (10.2.0) (1.0-2.0) (0.3542)	Task 1: Create and viewing data dictionary - The			0.0229^{1}
N	system enables me to accomplish the task well -			
N	according to my perceived understanding and			
Mean (SD) 0.8 (0.9) 1.4 (0.7) Median 1.0 1.5	expectation of the goal?			
Median	N	26	26	
Q1, Q3 Range	Mean (SD)	0.8 (0.9)	1.4 (0.7)	
Range	Median	1.0	1.5	
Time to complete task 1 (seconds) N 26 244.4 (75.7) 109.2 (52.4) Median 214.5 95.5 Q1, Q3 Range (160.0-405.0) (50.0-303.0) Task 2: Updating existing data dictionary - The system allows me to accomplish the task well? N 26 26 26 26 Mean (SD) 155.0, 272.0 79.0, 126.0 Range (160.0-405.0) (50.0-303.0) Task 2: Updating existing data dictionary - The system allows me to accomplish the task well? N 26 26 Q1, Q3 Range (1.0-2.0) (-1.0-2.0) Task 2: Updating existing data dictionary - The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal? N 26 26 26 Mean (SD) 1.5 2.0 (1.0-2.0) (-1.0-2.0) Time to complete task 2 (seconds) N 26 26 26 Mean (SD) 1.0, 2.0 1.0, 2.0 (-1.0-2.0) Time to complete task 2 (seconds) N 26 26 26 Mean (SD) Median 1.0 2.0 (-1.0-2.0) **O.0001** **O.000	Q1, Q3	0.0, 1.0	1.0, 2.0	
N	Range	(-1.0-2.0)	(0.0-2.0)	
Mean (SD) 244.4 (75.7) 109.2 (52.4) Median 214.5 95.5 Q1, Q3 185.0, 272.0 79.0, 126.0 Range (160.0-405.0) (50.0-303.0) Task 2: Updating existing data dictionary - The system allows me to accomplish the task well? N 26 26 Mean (SD) 1.5 (0.5) 1.5 (0.7) Median 1.5 2.0 Q1, Q3 1.0, 2.0 1.0, 2.0 Range (1.0-2.0) (-1.0-2.0) Task 2: Updating existing data dictionary - The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal? 0.3542¹ N 26 26 Mean (SD) 1.2 (0.8) 1.4 (0.8) Median 1.0 2.0 Q1, Q3 1.0, 2.0 1.0, 2.0 Range (-1.0-2.0) (-1.0-2.0) Time to complete task 2 (seconds) N 26 26 Mean (SD) 102.5 (21.9) 66.5 (20.4) Median 104.0 60.0	Time to complete task 1 (seconds)			< 0.0001
Median Q1, Q3 214.5 95.5 (185.0, 272.0) 79.0, 126.0 (160.0-405.0) 79.0, 126.0 (160.0-405.0) 0.8916 (160.	N	26	26	
Q1, Q3 185.0, 272.0 79.0, 126.0 (160.0-405.0) (50.0-303.0) Task 2: Updating existing data dictionary - The system allows me to accomplish the task well? N 26 26 26 (1.0-2.0) (1.0-2.0) Median 1.5 2.0 (1.0-2.0) (-1.0-2.0) Task 2: Updating existing data dictionary - The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal? N 26 26 26 (1.0-2.0) (1.0-2.0) Median 1.0 2.0 (1.0-2.0) (1.0-2.0) Q1, Q3 1.0, 2.0 1.0, 2.0 (1.0-2.0) (1.0-2.0) Q1, Q3 1.0, 2.0 1.0, 2.0 (1.0-2.0) (1.0-2.0) Q1, Q3 1.0, 2.0 1.0, 2.0 (1.0-2.0) (1.0-2.0) Time to complete task 2 (seconds) 26 26 26 (1.0-2.0) (1.0-2.0) Mean (SD) 102.5 (21.9) 66.5 (20.4) (1.0-2.0)	Mean (SD)	244.4 (75.7)	109.2 (52.4)	
Range (160.0-405.0) (50.0-303.0) Task 2: Updating existing data dictionary - The system allows me to accomplish the task well? 26 26 Mean (SD) 1.5 (0.5) 1.5 (0.7) Median 1.5 2.0 Q1, Q3 1.0, 2.0 1.0, 2.0 Range (1.0-2.0) (-1.0-2.0) Task 2: Updating existing data dictionary - The system enables me to accomplish the task well-according to my perceived understanding and expectation of the goal? 0.35424 N 26 26 Mean (SD) 1.2 (0.8) 1.4 (0.8) Median 1.0 2.0 Q1, Q3 1.0, 2.0 1.0, 2.0 Range (-1.0-2.0) (-1.0-2.0) Time to complete task 2 (seconds) <0.0001	Median	214.5	95.5	
Task 2: Updating existing data dictionary - The system allows me to accomplish the task well? N 26 26 26 Mean (SD) 1.5 (0.5) 1.5 (0.7) Median 21.5 2.0 Q1, Q3 Range 1.0, 2.0 1.0, 2.0 1.0, 2.0 (-1.0-2.0) Task 2: Updating existing data dictionary - The system enables me to accomplish the task well-according to my perceived understanding and expectation of the goal? N 26 26 Mean (SD) 1.2 (0.8) 1.4 (0.8) Median 1.0 2.0 Q1, Q3 Range 1.0, 2.0 1.0, 2.0 Q1, Q3 Range 1.0, 2.0 (-1.0-2.0) Time to complete task 2 (seconds) N 26 26 26 Mean (SD) 10, 2.0 (-1.0-2.0) Time to complete task 2 (seconds) N 26 6.5 (20.4) Median 104.0 60.0	Q1, Q3	185.0, 272.0	79.0, 126.0	
N 26 26 26 26 26 26 26	Range	(160.0-405.0)	(50.0-303.0)	
N 26 26 26 Mean (SD) 1.5 (0.5) 1.5 (0.7) Median 1.5 2.0 20 1.0, 2.0 1.0, 2.0 (-1.0-2.0)	Task 2: Updating existing data dictionary - The			0.8916 ¹
Mean (SD) 1.5 (0.5) 1.5 (0.7) Median 1.5 2.0 Q1, Q3 1.0, 2.0 1.0, 2.0 Range (1.0-2.0) (-1.0-2.0) Task 2: Updating existing data dictionary - The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal? N 26 26 Mean (SD) N 1.2 (0.8) 1.4 (0.8) 1.0 (2.0 2.0 Q1, Q3 Range (-1.0-2.0) Time to complete task 2 (seconds) N 26 26 Mean (SD) N 26 26 Mean (SD) Median 102.5 (21.9) 66.5 (20.4) Median 104.0 60.0	system allows me to accomplish the task well?			
Median Q1, Q3 Q1, Q3 Range 1.5 2.0 1.0, 2.0 1.0, 2.0 1.0, 2.0 (1.0-2.0) Task 2: Updating existing data dictionary - The system enables me to accomplish the task well-according to my perceived understanding and expectation of the goal? 0.3542 ¹ N 26 26 26 Mean (SD) 1.2 (0.8) 1.4 (0.8) Median 1.0 2.0 Q1, Q3 1.0, 2.0 1.0, 2.0 Range (-1.0-2.0) (-1.0-2.0) 1.0, 2.0 1.0, 2.0 (-1.0-2.0) Time to complete task 2 (seconds) N 26 26 26 Mean (SD) Median 104.0 60.0 40.0001 Median N 102.5 (21.9) 66.5 (20.4) Median 104.0 60.0	N	26	26	
Q1, Q3	Mean (SD)	1.5 (0.5)	1.5 (0.7)	
Range (1.0-2.0) (-1.0-2.0) Task 2: Updating existing data dictionary - The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal? 0.35421 N 26 26 Mean (SD) 1.2 (0.8) 1.4 (0.8) Median 1.0 2.0 Q1, Q3 1.0, 2.0 1.0, 2.0 Range (-1.0-2.0) (-1.0-2.0) Time to complete task 2 (seconds) <0.0001	Median	1.5	2.0	
Task 2: Updating existing data dictionary - The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal? N	Q1, Q3	1.0, 2.0	1.0, 2.0	
system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal? N	Range	(1.0-2.0)	(-1.0-2.0)	
expectation of the goal? N 26 26 Mean (SD) 1.2 (0.8) 1.4 (0.8) Median 1.0 2.0 Q1, Q3 1.0, 2.0 1.0, 2.0 Range (-1.0-2.0) (-1.0-2.0) Time to complete task 2 (seconds) <0.0001	Task 2: Updating existing data dictionary - The system enables me to accomplish the task well -			0.35421
N 26 26 Mean (SD) 1.2 (0.8) 1.4 (0.8) Median 1.0 2.0 Q1, Q3 1.0, 2.0 1.0, 2.0 Range (-1.0-2.0) (-1.0-2.0) Time to complete task 2 (seconds) <0.0001	0 11			
Mean (SD) 1.2 (0.8) 1.4 (0.8) Median 1.0 2.0 Q1, Q3 1.0, 2.0 1.0, 2.0 Range (-1.0-2.0) (-1.0-2.0) Time to complete task 2 (seconds) <0.0001	•	26	26	
Median 1.0 2.0 Q1, Q3 1.0, 2.0 1.0, 2.0 Range (-1.0-2.0) (-1.0-2.0) Time to complete task 2 (seconds) <0.0001				
Q1, Q3 Range 1.0, 2.0 (-1.0-2.0) 1.0, 2.0 (-1.0-2.0) Time to complete task 2 (seconds) N 26 Mean (SD) Median 102.5 (21.9) 66.5 (20.4) Median				
Range (-1.0-2.0) (-1.0-2.0) Time to complete task 2 (seconds) <0.0001 N 26 26 Mean (SD) 102.5 (21.9) 66.5 (20.4) Median 104.0 60.0				
Time to complete task 2 (seconds) N 26 Mean (SD) Median 104.0 (0.0001) (0.0001) (0.0001) (0.0001) (0.0001)				
N 26 26 Mean (SD) 102.5 (21.9) 66.5 (20.4) Median 104.0 60.0	Tungo	(-1.0-2.0)	(-1.0-2.0)	
Mean (SD) 102.5 (21.9) 66.5 (20.4) Median 104.0 60.0	Time to complete task 2 (seconds)			< 0.0001
Median 104.0 60.0	N	26	26	
Q1, Q3 81.0, 121.0 54.0, 70.0				
	Q1, Q3	81.0, 121.0	54.0, 70.0	

System			
	D2R (N=26)	OTM (N=26)	p value
Range	(64.0-146.0)	(44.0-122.0)	
Task 3: Searching and binding controlled			<0.0001
terminology terms - The system allows me to			<0.0001
accomplish the task well?			
N	26	26	
Mean (SD)	1.2 (0.7)	-0.1 (1.0)	
Median	1.0	0.0	
Q1, Q3	1.0, 2.0	-1.0, 1.0	
Range	(0.0-2.0)	(-2.0-2.0)	
Took 2. Compling and hinding controlled			0.0001^{1}
Task 3: Searching and binding controlled			0.0001
terminology terms - The system enables me to			
accomplish the task well - according to my			
perceived understanding and expectation of the			
goal?	26	26	
N M (GD)	26	26	
Mean (SD)	1.1 (0.8)	-0.2 (1.1)	
Median	1.0	0.0	
Q1, Q3	1.0, 2.0	-1.0, 1.0	
Range	(-2.0-2.0)	(-2.0-2.0)	
Time to complete task 3 (seconds)			0.4102^{1}
N	26	26	
Mean (SD)		210.6 (100.3)	
Median	166.0	192.5	
Q1, Q3	120.0, 249.0		
Range	(60.0-536.0)	(84.0-504.0)	
Favorite System?			0.0265^2
No	9 (34.6%)	17 (65.4%)	
Yes	17 (65.4%)	9 (34.6%)	
Survey Sum			0.0388^{1}
N	26	26	
Mean (SD)	5.4 (2.6)	3.8 (2.2)	
Median	5.5	3.5	
Q1, Q3	3.0, 7.0	2.0, 5.0	
Range	(1.0-9.0)	(0.8-0.0)	
Survey Sum - Weighted			0.0357^{1}
N	26	26	
Mean (SD)	5.8 (2.7)	4.1 (2.4)	
Median	6.1	3.6	
Q1, Q3	3.0, 7.5	2.0, 5.5	
Range	(1.3-9.5)	(0.0-8.5)	

¹Kruskal Wallis ²Chi-Square